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GENERAL INFORMATION

This Chart Supplement is a Civil Flight Information Publication updated every eight weeks by the U.S. Department of Transportation, Federal Aviation Administration, Aeronautical Information Services, http://www.faa.gov/go/ais.
It is designed for use with Aeronautical Charts covering the conterminous United States, Puerto Rico and the Virgin Islands.

The Airport/Facility Directory section contains all public–use airports, seaplane bases and heliports, military facilities, and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally, this publication contains communications data, navigational facilities and certain special notices and procedures.

Military data contained within this publication is provided by the National Geospatial–Intelligence Agency and is intended to provide reference data for military and/or joint use airports. Not all military data contained in this publication is applicable to civil users.

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CRITICAL information such as equipment malfunction, abnormal field conditions, hazards to flight, etc., should be reported as soon as possible.

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*Airspace Information includes changes to preferred routes and graphic depictions on charts.

FOR PROCUREMENT:

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THIS PUBLICATION COMPRISES PART OF THE FOLLOWING SECTIONS OF THE UNITED STATES AERONAUTICAL INFORMATION PUBLICATION (AIP): GEN, ENR AND AD.

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CITY/MILITARY AIRPORT CROSS REFERENCE

Military airports are listed alphabetically by state and official airport name. The following city/military airport cross–reference listing provides alphabetical listing by state and city name for all military airport published in this directory.

STATE	CITY NAME	AIRPORT NAME
DE	DOVER	DOVER AFB
MA	FALMOUTH	CAPE COD CGAS
MA	SPRINGFIELD/CHICOPEE	WESTOVER ARB/METROPOLITAN
MD	CAMP SPRINGS	JOINT BASE ANDREWS
MD	PATUXENT	PATUXENT RIVER NAS (TRAPNELL FLD)
MD	ABERDEEN	PHILLIPS AAF (ABERDEEN PROVING GROUND)
NJ	LAKEHURST	LAKEHURST MAXFIELD FLD
NJ	WRIGHTSTOWN	JOINT BASE MCGUIRE DIX LAKEHURST
NY	FORT DRUM	WHEELER SACK AAF
PA	FORT INDIANTOWN GAP	MUIR AHP (FORT INDIANTOWN GAP)
VA	BLACKSTONE	ALLAN C PERKINSON BLACKSTONE AAF
VA	FORT A. P. HILL	A P HILL AAF (FORT A P HILL)
VA	FORT BELVOIR	DAVISON AAF
VA	FORT EUSTIS	FELKER AAF
VA	FORT LEE	FORT LEE HELIPAD NR 3
VA	HAMPTON	LANGLEY AFB
VA	NORFOLK	NORFOLK NS (CHAMBERS FLD)
VA	VIRGINIA BEACH	OCEANA NAS (APOLLO SOUCEK FLD)
VA	QUANTICO	QUANTICO MCAF (TURNER FLD)
VA	WALLOPS ISLAND	WALLOPS FLIGHT FACILITY
VA	WILLIAMSBURG	CAMP PEARY LNDG STRIP

SEAPLANE LANDING AREAS

The following locations have Seaplane Landing Areas (Waterways). See alphabetical listing for complete data on these facilities.

STATE	CITY NAME	FACILITY NAME
CT	EAST HADDAM	GOODSPEED
ME	ASHLAND	BRADFORD CAMPS SPB
ME	AUGUSTA	AUGUSTA
ME	BANGOR	LUCKY LANDING MARINA
ME	CHESUNCOOK	CHESUNCOOK LAKE HOUSE SPB
ME	CHESUNCOOK	NUGENT CHAMBERLAIN LAKE
ME	EAST WINTHROP	LAKESIDE LODGE AND MARINA
ME	GREENVILLE	MOOSEHEAD AERO MARINE
ME	GREENVILLE JUNCTION	CURRIER'S
ME	JACKMAN	MOOSE RIVER
ME	LINCOLN	LINCOLN RGNL
ME	MILLINOCKET	MILLINOCKET
ME	NAPLES	BRANDY POND
ME	NAPLES	LONG LAKE
ME	NORCROSS/MILLINOCKET	BUCKHORN CAMPS
ME	OLD TOWN	DEWITT FLD/OLD TOWN MUNI
ME	PATTEN	SHIN POND
ME	PRESQUE ISLE	PRESQUE ISLE
ME	RANGELEY	RANGELEY LAKE
ME	SINCLAIR	LONG LAKE
ME	TURNER	TWITCHELL
ME	VAN BUREN	VAN BUREN
MD	BALTIMORE	ESSEX SKYPARK
MD	HAVRE DE GRACE	HAVRE DE GRACE
MA	HALIFAX	MONPONSETT POND
NH	ALTON BAY	ALTON BAY SPB
NJ	LITTLE FERRY	LITTLE FERRY
NY	LONG LAKE	LONG LAKE (HELMS)
NY	LONG LAKE	LONG LAKE SAGAMORE SPB AND MARINA
NY	NEW YORK	EVERS
NY	NEW YORK	NEW YORK SKYPORTS INC
NY	ROUND LAKE	ROUND LAKE
NY	SCHUYLERVILLE	GARNSEYS
PA	ERIE	PRESQUE ISLE
PA	ERIE	PRESQUE ISLE BAY
PA	ESSINGTON	PHILADELPHIA
PA	SUNBURY	SUNBURY SPB
VA	CHESTER	MCLAUGHLIN SPB

ABBREVIATIONS

The following abbreviations/acronyms are those commonly used within this Directory. Other abbreviations/acronyms may be found in the Legend and are not duplicated below. The abbreviations presented are intended to represent grammatical variations of the basic form. (Example–"req" may mean "request", "requesting", "requested", or "requests").

For additional FAA approved abbreviations/acronyms please see FAA Order JO 7340.2 —Contractions

Abbreviation	Description
A/G	air/ground
AAF	Army Air Field
AAS	Airport Advisory Service
AB	Airbase
abm	abeam
ABn	Aerodrome Beacon
abv	above
ACC	Air Combat Command Area Control Center
acft	aircraft
ACLS	Automatic Carrier Landing System
ACN	Aircraft Classification Number
ACR	Air Carrier
act	activity
ACWS	Aircraft Control and Warning Squadron
ADA	Advisory Area
ADCC	Air Defense Control Center
ADCUS	Advise Customs
addn	addition
ADF	Automatic Direction Finder
adj	adjacent
admin	administration
ADR	Advisory Route
advs	advise
advsy	advisory
AEIS	Aeronautical Enroute Information Service
AER	approach end rwy
AFA	Army Flight Activity
AFB	Air Force Base
afct	affect
AFFF	Aqueous Film Forming Foam
AFHP	Air Force Heliport
AFIS	Automatic Flight Information Service
afld	airfield
AFOD	Army Flight Operations Detachment
AFR	Air Force Regulation
AFRC	Armed Forces Reserve Center/Air Force Reserve Command
AFRS	American Forces Radio Stations
AFS	Air Force Station
AFTN	Aeronautical Fixed Telecommunication Network
AG	Agriculture
A–G, A–GEAR	Arresting Gear
agcy	Agency
AGL	above ground level
AHP	Army heliport
AID	Airport Information Desk
AIS	Aeronautical Information Services
AL	Approach and Landing Chart
ALF	Auxiliary Landing Field
ALS	Approach Light System
ALSF–1	High Intensity ALS Category I configuration with sequenced Flashers (code)
ALSF–2	High Intensity ALS Category II configuration with sequenced Flashers (code)

Abbreviation	Description
alt	altitude
altn	alternate
AM	Amplitude Modulation, midnight til noon
AMC	Air Mobility Command
amdt	amendment
AMSL	Above Mean Sea Level
ANGS	Air National Guard Station
ant	antenna
AOE	Airport/Aerodrome of Entry
AP	Area Planning
APAPI	Abbreviated Precision Approach Path Indicator
apch	approach
apn	apron
APP	Approach Control
Apr	April
aprx	approximate
APU	Auxiliary Power Unit
apv, apvl	approve, approval
ARB	Air Reserve Base
ARFF	Aircraft Rescue and Fire Fighting
ARINC	Aeronautical Radio Inc
arng	arrange
arpt	airport
arr	arrive
ARS	Air Reserve Station
ARSA	Airport Radar Service Area
ARSR	Air Route Surveillance Radar
ARTCC	Air Route Traffic Control Center
AS	Air Station
ASAP	as soon as possible
ASDA	Accelerate–Stop Distance Available
ASDE	Airport Surface Detection
ASDE–X	Airport Surface Detection Equipment–Model X
asgn	assign
ASL	Above Sea Level
ASOS	Automated Surface Observing System
ASR	Airport Surveillance Radar
ASSC	Airport Surface Surveillance Capability
ASU	Aircraft Starting Unit
ATA	Actual Time of Arrival
ATC	Air Traffic Control
ATCC	Air Traffic Control Center
ATCT	Airport Traffic Control Tower
ATD	Actual Time of Departure Along Track Distance
ATIS	Automatic Terminal Information Service
ATS	Air Traffic Service
attn	attention
Aug	August
auth	authority
auto	automatic
AUW	All Up Weight (gross weight)
aux	auxiliary
AVASI	abbreviated VASI
avbl	available

Abbreviation	Description
AvGas	Aviation gasoline
avn	aviation
AvOil	aviation oil
AWOS	Automatic Weather Observing System
AWSS	Automated Weather Sensor System
awt	await
awy	airway
az	azimuth
BA	braking action
BASH	Bird Aircraft Strike Hazard
BC	back course
bcn	beacon
bcst	broadcast
bdry	boundary
bldg	building
blkd	blocked
blo, blw	below
BOQ	Bachelor Officers Quarters
brg	bearing
btn	between
bus	business
byd	beyond
C	Commercial Circuit (Telephone)
CAC	Centralized Approach Control
cap	capacity
cat	category
CAT	Clear Air Turbulence
CCW or cntclkws	counterclockwise
ceil	ceiling
CERAP	Center Radar Approach Control
CG	Coast Guard
CGAF	Coast Guard Air Facility
CGAS	Coast Guard Air Station
CH, chan	channel
CHAPI	Chase Helicopter Approach Path Indicator
chg	change
cht	chart
cir	circle, circling
CIV, civ	Civil, civil, civilian
ck	check
CL	Centerline Lighting System
cl	class
clnc	clearance
clsd	closed
CNATRA	Chief of Naval Air Training
cnl	cancel
cntr	center
cntrln	centerline
Co	Company, County
CO	Commanding Officer
com	communication
comd	command
Comdr	Commander
coml	commercial
compul	compulsory
comsn	commission
conc	concrete
cond	condition
const	construction
cont	continue
CONUS	Continental United States
convl	conventional
coord	coordinate

Abbreviation	Description
copter	helicopter
corr	correct
CPDLC	Controller Pilot Data Link Communication
crdr	corridor
cros	cross
CRP	Compulsory Reporting Point
crs	course
CS	call sign
CSTMS	Customs
CTA	Control Area
CTAF	Common Traffic Advisory Frequency
ctc	contact
ctl	control
ctn	caution
CTLZ	Control Zone
CVFR	Controlled Visual Flight Rules Areas
CW	Clockwise, Continuous Wave, Carrier Wave
dalgt	daylight
D–ATIS	Digital Automatic Terminal Information Service
daylt	daylight
db	decibel
DCL	Departure Clearance
Dec	December
decom	decommission
deg	degree
del	delivery
dep	depart
DEP	Departure Control
destn	destination
det	detachment
DF	Direction Finder
DH	Decision Height
DIAP	DoD Instrument Approach Procedure
direc	directional
disem	disseminate
displ	displace
dist	district, distance
div	division
DL	Direct Line to FSS
dlt	delete
dly	daily
DME	Distance Measuring Equipment (UHF standard, TACAN compatible)
DNVT	Digital Non–Secure Voice Telephone
DoD	Department of Defense
drct	direct
DSN	Defense Switching Network (Telephone)
DSN	Defense Switching Network
dsplcd	displaced
DT	Daylight Savings Time
dur	during
durn	duration
DV	Distinguished Visitor
E	East
ea	each
EAT	Expected Approach Time
ECN	Enroute Change Notice
eff	effective, effect
EFVS	Enhanced Flight Vision Systems
E–HA	Enroute High Altitude
E–LA	Enroute Low Altitude

Abbreviation	Description
elev	elevation
ELT	Emergency Locator Transmitter
EMAS	Engineered Material Arresting System
emerg	emergency
eng	engine
EOR	End of Runway
eqpt	equipment
ERDA	Energy Research and Development Administration
E–S	Enroute Supplement
est	estimate
estab	establish
ETA	Estimated Time of Arrival
ETD	Estimated Time of Departure
ETE	Estimated Time Enroute
ETS	European Telephone System
EUR	European (ICAO Region)
ev	every
evac	evacuate
exc	except
excld	exclude
exer	exercise
exm	exempt
exp	expect
extd	extend
extn	extension
extv	extensive
F/W	Fixed Wing
FAA	Federal Aviation Administration
fac	facility
FAWS	Flight Advisory Weather Service
fax	facsimile
FBO	Fixed Base Operator
FCC	Flight Control Center
FCG	Foreign Clearance Guide
FCLP	field carrier landing practice
fcst	forecast
Feb	February
FIC	Flight Information Center
FIH	Flight Information Handbook
FIR	Flight Information Region
FIS	Flight Information Service
FL	flight level
fld	field
flg	flashing
FLIP	Flight Information Publication
flt	flight
flw	follow
FM	Fan Marker, Frequency Modulation
FOC	Flight Operations Center
FOD	Foreign Object Damage
fone	telephone
FPL	Flight Plan
fpm	feet per minute
fr	from
freq	frequency, frequent
Fri	Friday
frng	firing
FSS	Flight Service Station
ft	foot
ftr	fighter

Abbreviation	Description
GA	Glide Angle
gal	gallon
GAT	General Air Traffic (Europe–Asia)
GCA	Ground Control Approach
GCO	Ground Communication Outlet
gldr	glider
GND	Ground Control
gnd	ground
govt	government
GP	Glide Path
Gp	Group
GPI	Ground Point of Intercept
grad	gradient
grd	guard
GS	glide slope
GWT	gross weight
H	Enroute High Altitude Chart (followed by identification)
H+	Hours or hours plus…minutes past the hour
H24	continuous operation
HAA	Height Above Airport/Aerodrome
HAL	Height Above Landing Area
HAR	Height Above Runway
HAT	Height Above Touchdown
haz	hazard
hdg	heading
HDTA	High Density Traffic Airport/Aerodrome
HF	High Frequency (3000 to 30,000 KHz)
hgr	hangar
hgt	height
hi	high
HIRL	High Intensity Runway Lights
HO	Service available to meet operational requirements
hol	holiday
HOLF	Helicopter Outlying Field
hosp	hospital
HQ	Headquarters
hr	hour
HS	Service available during hours of scheduled operations
hsg	housing
hvy	heavy
HW	Heavy Weight
hwy	highway
HX	station having no specific working hours
Hz	Hertz (cycles per second)
I	Island
IAP	Instrument Approach Procedure
IAS	Indicated Air Speed
IAW	in accordance with
ICAO	International Civil Aviation Organization
ident	identification
IFF	Identification, Friend or Foe
IFR	Instrument Flight Rules
IFR–S	FLIP IFR Supplement
ILS	Instrument Landing System
IM	Inner Marker
IMC	Instrument Meteorological Conditions
IMG	Immigration

Abbreviation	Description
immed	immediate
inbd	inbound
Inc	Incorporated
incl	include
incr	increase
indef	indefinite
info	information
inop	inoperative
inst	instrument
instl	install
instr	instruction
int	intersection
intcntl	intercontinental
intcp	intercept
intl	international
intmt	intermittent
ints	intense, intensity
invof	in the vicinity of
irreg	Irregularly
Jan	January
JASU	Jet Aircraft Starting Unit
JATO	Jet Assisted Take–Off
JOAP	Joint Oil Analysis Program
JOSAC	Joint Operational Support Airlift Center
JRB	Joint Reserve Base
Jul	July
Jun	June
K or Kt	Knots
kHz	kilohertz
KIAS	Knots Indicated Airspeed
KLIZ	Korea Limited Identification Zone
km	Kilometer
kw	kilowatt
L	Compass locator (Component of ILS system) under 25 Watts, 15 NM, Enroute Low Altitude Chart (followed by identification)
L	Local Time
LAHSO	Land and Hold–Short Operations
L–AOE	Limited Airport of Entry
LAWRS	Limited Aviation Weather Reporting Station
lb, lbs	pound (weight)
LC	local call
lcl	local
LCP	French Peripheral Classification Line
lctd	located
lctn	location
lctr	locator
LCVASI	Low Cost Visual Approach Slope Indicator
lczr	localizer
LD	long distance
LDA	Landing Distance Available
ldg	landing
LDIN	Lead–in Lights
LDOCF	Long Distance Operations Control Facility
LED	Light Emitting Diode
len	length
lgt, lgtd, lgts	light, lighted, lights
LIRL	Low Intensity Runway Lights

Abbreviation	Description
LLWAS	Low–Level Wind Shear Alert System
LLZ	Localizer (Instrument Approach Procedures Identification only)
LMM	Compass locator at Middle Marker ILS
lo	low
LoALT or LA	Low Altitude
LOC	Localizer
LOM	Compass locator at Outer Marker ILS
LR	Long Range, Lead Radial
LRA	Landing Rights Airport
LRRS	Long Range RADAR Station
LSB	lower side band
ltd	limited
M	meters, magnetic (after a bearing), Military Circuit (Telephone)
MACC	Military Area Control Center
mag	magnetic
maint	maintain, maintenance
maj	major
MALS	Medium Intensity Approach Lighting System
MALSF	MALS with Sequenced Flashers
MALSR	MALS with Runway Alignment Indicator Lights
Mar	March
MARA	Military Activity Restricted Area
MATO	Military Air Traffic Operations
MATZ	Military Aerodrome Traffic Zone
max	maximum
mb	millibars
MCAC	Military Common Area Control
MCAF	Marine Corps Air Facility
MCALF	Marine Corps Auxiliary Landing Field
MCAS	Marine Corps Air Station
MCB	Marine Corps Base
MCC	Military Climb Corridor
MCOLF	Marine Corps Outlying Field
MDA	Minimum Descent Altitude
MEA	Minimum Enroute Altitude
med	medium
MEHT	Minimum Eye Height over Threshold
mem	memorial
MET	Meteorological, Meteorology
METAR	Aviation Routine Weather Report (in international MET figure code)
METRO	Pilot–to–Metro voice cell
MF	Medium Frequency (300 to 3000 KHz), Mandatory Frequency (Canada)
MFA	Minimum Flight Altitude
mgmt	Management
mgr	manager
MHz	Megahertz
mi	mile
MID/ASIA	Middle East/Asia (ICAO Region)
MIJI	Meaconing, Intrusion, Jamming, and Interference
Mil, mil	military
min	minimum, minute
MIRL	Medium Intensity Runway Lights
misl	missile
mkr	marker (beacon)
MM	Middle Marker of ILS
mnt	monitor
MOA	Military Operations Area

Abbreviation	Description
MOCA	Minimum Obstruction Clearance Altitude
mod	modify
MOG	Maximum (aircraft) on the Ground
MON	Minimum Operational Network
Mon	Monday
MP	Maintenance Period
MR	Medium Range
MRA	Minimum Reception Altitude
mrk	mark, marker
MSAW	minimum safe altitude warning
msg	message
MSL	Mean Sea Level
msn	Mission
mt	mount, mountain
MTAF	Mandatory Traffic Advisory Frequency
MTCA	Military Terminal Control Area
mthly	monthly
MUAC	Military Upper Area Control
muni	municipal
MWARA	Major World Air Route Area
N	North
N/A	Not Applicable
NA	Not Authorized
NAAS	Naval Auxiliary Air Station
NADC	Naval Air Development Center
NADEP	Naval Air Depot
NAEC	Naval Air Engineering Center
NAES	Naval Air Engineering Station
NAF	Naval Air Facility
NALCO	Naval Air Logistics Control Office
NALF	Naval Auxiliary Landing Field
NALO	Navy Air Logistics Office
NAS	Naval Air Station
NAT	North Atlantic (ICAO Region)
natl	national
nav	navigation
navaid	navigation aid
NAVMTO	Navy Material Transportation Office
NAWC	Naval Air Warfare Center
NAWS	Naval Air Weapons Station
NCRP	Non–Compulsory Reporting Point
NDB	Non–Directional Radio Beacon
NE	Northeast
nec	necessary
NEW	Net Explosives Weight
ngt	night
NM	nautical miles
nml	normal
NMR	nautical mile radius
No or Nr	number
NOLF	Naval Outlying Field
NORDO	Lost communications or no radio installed/available in aircraft
NOTAM	Notice to Airmen
Nov	November
npi	non precision instrument
Nr or No	number
NS	Naval Station
NS ABTMT	Noise Abatement
NSA	Naval Support Activity
NSF	Naval Support Facility
NSTD, nstd	nonstandard
ntc	notice
NVD	Night Vision Devices
NVG	Night Vision Goggles
NW	Northwest
NWC	Naval Weapons Center
O/A	On or about
O/S	out of service
O/R	On Request
OAT	Operational Air Traffic
obsn	observation
obst	obstruction
OCA	Oceanic Control Area
ocnl	occasional
Oct	October
ODALS	Omnidirectional Approach Lighting System
ODO	Operations Duty Officer
offl	official
OIC	Officer In Charge
OLF	Outlying Field
OLS	Optical Landing System
OM	Outer Marker, ILS
opr	operate, operator, operational
OPS, ops	operations
orig	original
OROCA	Off Route Obstruction Clearance Altitude
ORTCA	Off Route Terrain Clearance Altitude
OT	other times
OTS	out of service
outbd	outbound
ovft	overflight
ovrn	overrun
OX	oxygen
P/L	plain language
PAC	Pacific (ICAO Region)
PAEW	personnel and equipment working
PALS	Precision Approach and Landing System (NAVY)
PAPI	Precision Approach Path Indicator
PAR	Precision Approach Radar
para	paragraph
parl	parallel
pat	pattern
PAX	Passenger
PCL	pilot controlled lighting
PCN	Pavement Classification Number
PCR	Pavement Classification Rating
PDC	Pre–Departure Clearance
pent	penetrate
perm	permanent
perms	permission
pers	personnel
PFC	Porous Friction Courses
PJE	Parachuting Activities/Exercises
p–line	power line
PM	Post meridian, noon til midnight
PMRF	Pacific Missile Range Facility
PMSV	Pilot–to–Metro Service
PN	prior notice
POB	persons on board
POL	Petrol, Oils and Lubricants

Abbreviation	Description
posn	position
PPR	prior permission required
prcht	parachute
pref	prefer
prev	previous
prim	primary
prk	park
PRM	Precision Runway Monitor
pro	procedure
proh	prohibited
pt	point
PTD	Pilot to Dispatcher
pub	publication
publ	publish
PVASI	Pulsating Visual Approach Slope Indicator
pvt	private
pwr	power
QFE	Altimeter Setting above station
QNE	Altimeter Setting of 29.92 inches which provides height above standard datum plane
QNH	Altimeter Setting which provides height above mean sea level
qtrs	quarters
quad	quadrant
R/T	Radiotelephony
R/W	Rotary/Wing
RACON	Radar Beacon
rad	radius, radial
RAIL	Runway Alignment Indicator Lights
RAMCC	Regional Air Movement Control Center
R–AOE	Regular Airport of Entry
RAPCON	Radar Approach Control (USAF)
RATCF	Radar Air Traffic Control Facility (Navy)
RCAG	Remote Center Air to Ground Facility
RCAGL	Remote Center Air to Ground Facility Long Range
RCL	runway centerline
RCLS	Runway Centerline Light System
RCO	Remote Communications Outlet
rcpt	reception
RCR	Runway Condition Reading
rcv	receive
rcvr	receiver
rdo	radio
reconst	reconstruct
refuel	refueling
reg	regulation, regular
REIL	Runway End Identifier Lights
rel	reliable
relctd	relocated
REP	Reporting Point
req	request
RETIL	Rapid Exit Taxiway Indicator Light
Rgn	Region
Rgnl	Regional
rgt	right
rgt tfc	right traffic
rlgd	realigned
RLLS	Runway Lead-in Light System
rmk	remark
rng	range, radio range

Abbreviation	Description
RNP	Required Navigation Performance
RON	Remain Overnight
Rot Lt or Bcn	Rotating Light or Beacon
RPI	Runway Point of Intercept
rpt	report
rqr	require
RR	Railroad
RRP	Runway Reference Point
RSC	Runway Surface Condition
RSDU	Radar Storm Detection Unit
RSE	Runway Starter Extension/Starter Strip
RSRS	Reduced Same Runway Separation
rstd	restricted
rte	route
ruf	rough
RVR	Runway Visual Range
RVSM	Reduced Vertical Separation Minima
rwy	runway
S	South
S/D	Seadrome
SALS	Short Approach Lighting System
SAR	Search and Rescue
Sat	Saturday
SAVASI	Simplified Abbreviated Visual Approach Slope Indicator
SAWRS	Supplement Aviation Weather Reporting Station
sby	standby
Sched	scheduled services
sctr	sector
SDF	Simplified Directional Facility
SE	Southeast
sec	second, section
secd	secondary
SELCAL	Selective Calling System
SELF	Strategic Expeditionary Landing Field
SEng	Single Engine
Sep	September
SFA	Single Frequency Approach
SFB	Space Force Base
sfc	surface
SFL	Sequence Flashing Lights
SFRA	Special Flight Rules Area
SID	Standard Instrument Departure
SIDA	Secure Identification Display Area
SIF	Selective Identification Feature
sked	schedule
SM	statute miles
SOAP	Spectrometric Oil Analysis Program
SOF	Supervisor of Flying
SPB	Seaplane Base
SR	sunrise
SRE	Surveillance Radar Element of GCA (Instrument Approach Procedures Identification only)
SS	sunset
SSALS/R	Simplified Short Approach Lighting System/with RAIL
SSB	Single Sideband
SSR	Secondary Surveillance Radar
STA	Straight-in Approach
std	standard
stn	station
stor	storage

Abbreviation	Description
str–in	Straight–in
stu	student
subj	subject
survl	survival, surveillance
sum	summer
Sun	Sunday
sur	surround
suspd	suspended
sUAS	small Unmanned Aerial Systems
svc	service
svcg	servicing
SW	Southwest
sys	system
TA	Transition Altitude
TAC	Tactical Air Command
TAF	Aerodrome (terminal or alternate) forecast in abbreviated form
TALCE	Tanker Aircraft Control Element
TCA	Terminal Control Area
TCH	Threshold Crossing Height
TCTA	Transcontinental Control Area
TD	Touchdown
TDWR	Terminal Doppler Weather Radar
TDZ	Touchdown Zone
TDZL	Touchdown Zone Lights
tfc	traffic
thld	threshold
thou	thousand
thru	through
Thu	Thursday
til	until
tkf, tkof	take–off
TLv	Transition Level
tmpry	temporary
TODA	Take–Off Distance Available
TORA	Take–Off Run Available
TP	Tire Pressure
TPA	Traffic Pattern Altitude
TRACON	Terminal Radar Approach Control (FAA)
tran	transient
trans	transmit
trml	terminal
trng	training
trns	transition
TRSA	Terminal Radar Service Area
Tue	Tuesday
TV	Television
twr	tower
twy	taxiway
UACC	Upper Area Control Center (used outside US)
UAS	Unmanned Aerial Systems
UC	Under Construction
UCN	Urgent Change Notice
UDA	Upper Advisory Area
UDF	Ultra High Frequency Direction Finder
UFN	until further notice
UHF	Ultra High Frequency (300 to 3000 MHz)
UIR	Upper Flight Information Region
una	unable
unauthd	unauthorized
unavbl	unavailable
unctl	uncontrolled
unk	unknown
unlgtd	unlighted
unltd	unlimited
unmrk	unmarked
unmto	unmonitored
unrel	unreliable
unrstd	unrestricted
unsatfy	unsatisfactory
unsked	unscheduled
unsvc	unserviceable
unuse, unusbl	unusable
USA	United States Army
USAF	United States Air Force
USB	Upper Side Band
USCG	United States Coast Guard
USMC	United States Marine Corps
USSF	United States Space Force
USN	United States Navy
UTA	Upper Control Area
UTC	Coordinated Universal Time
V	Defense Switching Network (telephone, formerly AUTOVON)
V/STOL	Vertical and Short Take–off and Landing aircraft
VAL	Visiting Aircraft Line
var	variation (magnetic variation)
VASI	Visual Approach Slope Indicator
vcnty	vicinity
VDF	Very High Frequency Direction Finder
veh	vehicle
vert	vertical
VFR	Visual Flight Rules
VFR–S	FLIP VFR Supplement
VHF	Very High Frequency (30 to 300 MHz)
VIP	Very Important Person
vis	visibility
VMC	Visual Meteorological Conditions
VOIP	Voice Over Internet Protocol
VOT	VOR Receiver Testing Facility
W	Warning Area (followed by identification), Watts, West, White
WCH	Wheel Crossing Height
Wed	Wednesday
Wg	Wing
WIE	with immediate effect
win	winter
WIP	work in progress
WSO	Weather Service Office
WSFO	Weather Service Forecast Office
wk	week
wkd	weekday
wkly	weekly
wng	warning
wo	without
WSP	Weather System Processor
wt	weight
wx	weather
yd	yard
yr	year
Z	Greenwich Mean Time (time groups only)

INTENTIONALLY

LEFT

BLANK

SAMPLE

(1) **CITY NAME**

AIRPORT NAME (ALTERNATE NAME) (LTS)(KLTS) CIV/MIL 3 N UTC–6(–5DT) N34º41.93´ W99º20.20´ (2) (3) (4) (5) (6) (7) (8)

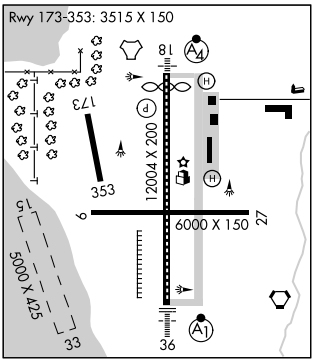
200 B TPA—1000(800) AOE LRA Class IV, ARFF Index A NOTAM FILE ORL Not insp. MON Airport

(11) (12) (13) (14) (15) (16) (17) (18)

JACKSONVILLE COPTER
H–4G, L–19C
IAP, DIAP, AD

(9)

(19)→ **RWY 18–36:** H12004X200 (ASPH–CONC–GRVD)
S–90, D–160, 2D–300 PCN 80 R/B/W/T HIRL CL
RWY 18: RLLS. MALSF. TDZL. REIL. PAPI(P2R)—GA 3.0º TCH 36´. RVR–TMR. Thld dsplcd 300´. Trees. Rgt tfc. 0.3% up.
RWY 36: ALSF1. 0.4% down.
RWY 09–27: H6000X150 (ASPH) PCR 1234 R/B/W/T MIRL
RWY 173–353: H3515X150 (ASPH–PFC) AUW PCN 59 F/A/W/T



(10)

(20)→ **LAND AND HOLD–SHORT OPERATIONS**

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 18	09–27	6500
RWY 36	09–27	5400

(21)→ **RUNWAY DECLARED DISTANCE INFORMATION**
RWY 18: TORA–12004 TODA–12004 ASDA–11704 LDA–11504
RWY 36: TORA–12004 TODA–12004 ASDA–12004 LDA–11704

(22)→ **ARRESTING GEAR/SYSTEM**
RWY 18 HOOK E5 (65´ OVRN) BAK–14 BAK–12B (1650´)
BAK–14 BAK–12B (1087´) HOOK E5 (74´ OVRN) **RWY 36**

(23)→ **SERVICE:** S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** ACTIVATE MALSR Rwy 29, REIL Rwy 11, VASI Rwy 11, HIRL Rwy 11–29, PAPI Rwy 17 and Rwy 35, MIRL Rwy 17–35—CTAF. **MILITARY— A–GEAR** E–5 connected on dep end, disconnected on apch end.
JASU 3(AM32A–60) 2(A/M32A–86) **FUEL** J8(Mil)(NC–100, A)
FLUID W SP PRESAIR LOX **OIL** O–128 **MAINT** S1 Mon–Fri 1000–2200Z‡
TRAN ALERT Avbl 1300–0200Z‡ svc limited weekends.

(24)→ **NOISE:** Noise abatement 3 miles from Rwy 18. Contact tower manager.

(25)→ **AIRPORT REMARKS:** Special Air Traffic Rules—Part 93, see Regulatory Notices. Attended 1200–0300Z‡. Parachute Jumping. Deer invof arpt. Heavy jumbo jet training surface to 9000´. Twy A clsd indef. Flight Notification Service (ADCUS) avbl.

(26)→ **MILITARY REMARKS: ANG** PPR/Official Business Only. Base OPS DSN 638–4390, C503–335–4222. Ctc Base OPS 15 minutes prior to ldg and after dep. Limited tran parking.

(27)→ **AIRPORT MANAGER:** (580) 481–5739

(28)→ **WEATHER DATA SOURCES: AWOS–1** 120.3 (202) 426–8000. LAWRS.

(29)→ **COMMUNICATIONS: SFA CTAF** 122.8 **UNICOM** 122.95 **ATIS** 127.25 273.5 (202) 426–8003 **PTD** 372.2
NAME FSS (ORL) on arpt. 123.65 122.65 122.2
NAME RCO 112.2T 112.1R (NAME RADIO)
Ⓡ **NAME APP/DEP CON** 128.35 257.725 (1200–0400Z‡)
TOWER 119.65 255.6 (1200–0400Z‡) **GND CON** 121.7 **GCO** 135.075 (ORLANDO CLNC) **CLNC DEL** 125.55
CPDLC D–HZWXR, D–TAXI, DCL (LOGON KMEM)
NAME COMD POST (GERONIMO) 311.0 321.4 6761 **PMSV METRO** 239.8 **NAME OPS** 257.5

(30)→ **AIRSPACE: CLASS B** See VFR Terminal Area Chart.

(31)→ **VOR TEST FACILITY (VOT):** 116.7

(32)→ **RADIO AIDS TO NAVIGATION:** NOTAM FILE ORL. VHF/DF ctc FSS.
(VH) (H) VORTAC 112.2 MCO Chan 59 N28º32.55´ W81º20.12´ at fld. 1110/8E.
(H) TACAN Chan 29 CBU (109.2) N28º32.65´ W81º21.12´ at fld. 1115/8E.
HERNY NDB (LOM) 221 OR N28º37.40´ W81º21.05´ 177º 5.4 NM to fld.
ILS/DME 108.5 I–ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.
ASR/PAR (1200–0400Z‡)

(33)→ **COMM/NAV/WEATHER REMARKS:** Emerg frequency 121.5 not avbl at twr.

HELIPAD H1: H100X75 (ASPH)
HELIPAD H2: H60X60 (ASPH)
HELIPORT REMARKS: Helipad H1 lctd on general aviation side and H2 lctd on air carrier side of arpt.
187 TPA 1000(813)

(1)

WATERWAY 15–33: 5000X425 (WATER)
SEAPLANE REMARKS: Birds roosting and feeding areas along river banks. Seaplanes operating adjacent to SW side of arpt not visible from twr and are required to ctc twr.

All bearings and radials are magnetic unless otherwise specified. All mileages are nautical unless otherwise noted.
All times are Coordinated Universal Time (UTC) except as noted. All elevations are in feet above/below Mean Sea Level (MSL) unless otherwise noted.
The horizontal reference datum of this publication is North American Datum of 1983 (NAD83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

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19171

SKETCH LEGEND

RUNWAYS/LANDING AREAS

Hard Surface . . . . . .

Metal Surface . . . . . .

Other than Hard Surface Runways. . . .

Water Runway . . . . . .

Under Construction . . . . .

Closed Rwy . . . . . .

Closed Pavement . . . . . x x x x

Helicopter Landings Area . . . . . (H)

Displaced Threshold . . . . . .

Taxiway, Apron and Stopways . .

MISCELLANEOUS BASE AND CULTURAL FEATURES

Buildings . . . . . .

Power Lines . . . . . —T——T—

Towers . . . . . .

Wind Turbine. . . . . .

Tanks . . . . . .

Oil Well . . . . . .

Smoke Stack . . . . . .

Obstruction 5812

Controlling Obstruction . . . . . +5812

Trees . . . . . .

Populated Places . . . . . .

Cuts and Fills . . . . . Cut Fill

Cliffs and Depressions . .

Ditch . . . . . .

Hill . . . . . .

RADIO AIDS TO NAVIGATION

VORTAC . . . VOR . . . . . .

VOR/DME . . NDB . . . . . .

TACAN . . . . NDB/DME . . . .

DME . . . .

MISCELLANEOUS AERONAUTICAL FEATURES

Airport Beacon . . . . . .

Wind Cone . . . . . .

Landing Tee . . . . . .

Tetrahedron . . . . . .

Control Tower . . . . . TWR

When control tower and rotating beacon are co-located beacon symbol will be used and further identified as TWR.

APPROACH LIGHTING SYSTEMS

A dot "•" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g. (A1) Negative symbology, e.g., (A1) (V) indicates Pilot Controlled Lighting (PCL).

Runway Centerline Lighting . . . . .

(A) Approach Lighting System ALSF-2 . .

(A1) Approach Lighting System ALSF-1 . .

(A2) Short Approach Lighting System SALS/SALSF . . . . . .

(A3) Simplified Short Approach Lighting System (SSALR) with RAIL . . . . .

(A4) Medium Intensity Approach Lighting System (MALS and MALSF)/(SSALS and SSALF) . . . . . .

(A5) Medium Intensity Approach Lighting System (MALSR) and RAIL . . . . . .

Omnidirectional Approach Lighting System (ODALS) . . . . . .

(D) Navy Parallel Row and Cross Bar . . .

(‡) Air Force Overrun . . . . . .

(V) Visual Approach Slope Indicator with Standard Threshold Clearance provided

(V2) Pulsating Visual Approach Slope Indicator (PVASI)

(V3) Visual Approach Slope Indicator with a threshold crossing height to accomodate long bodied or jumbo aircraft

(V4) Tri-color Visual Approach Slope Indicator (TRCV)

(V5) Approach Path Alignment Panel (APAP)

(P) Precision Approach Path Indicator (PAPI)

LEGEND

This directory is a listing of data on record with the FAA on public–use airports, military airports and selected private–use airports specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally this listing contains data for associated terminal control facilities, air route traffic control centers, and radio aids to navigation within the conterminous United States, Puerto Rico and the Virgin Islands. Civil airports and joint Civil/Military airports which are open to the public are listed alphabetically by state, associated city and airport name and cross–referenced by airport name. Military airports and private–use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name and cross–referenced by associated city name. Navaids, flight service stations and remote communication outlets that are associated with an airport, but with a different name, are listed alphabetically under their own name, as well as under the airport with which they are associated.

The listing of an airport as open to the public in this directory merely indicates the airport operator's willingness to accommodate transient aircraft, and does not represent that the airport conforms with any Federal or local standards, or that it has been approved for use on the part of the general public. Military airports, private–use airports, and private–use (limited civil access) joint Military/Civil airports are open to civil pilots only in an emergency or with prior permission. See Special Notice Section, Civil Use of Military Fields.

The information on obstructions is taken from reports submitted to the FAA. Obstruction data has not been verified in all cases. Pilots are cautioned that objects not indicated in this tabulation (or on the airports sketches and/or charts) may exist which can create a hazard to flight operation. Detailed specifics concerning services and facilities tabulated within this directory are contained in the Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

The legend items that follow explain in detail the contents of this Directory and are keyed to the circled numbers on the sample on the preceding pages.

① CITY/AIRPORT NAME

Civil and joint Civil/Military airports which are open to the public are listed alphabetically by state and associated city. Where the city name is different from the airport name the city name will appear on the line above the airport name. Airports with the same associated city name will be listed alphabetically by airport name and will be separated by a dashed rule line. A solid rule line will separate all others. FAA approved helipads and seaplane landing areas associated with a land airport will be separated by a dotted line. Military airports and private–use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name.

② ALTERNATE NAME

Alternate names, if any, will be shown in parentheses.

③ LOCATION IDENTIFIER

The location identifier is a three or four character FAA code followed by a four–character ICAO code, when assigned, to airports. If two different military codes are assigned, both codes will be shown with the primary operating agency's code listed first. These identifiers are used by ATC in lieu of the airport name in flight plans, flight strips and other written records and computer operations. Zeros will appear with a slash to differentiate them from the letter "O".

④ OPERATING AGENCY

Airports within this directory are classified into two categories, Military/Federal Government and Civil airports open to the general public, plus selected private–use airports. The operating agency is shown for military, private–use and joint use airports. The operating agency is shown by an abbreviation as listed below. When an organization is a tenant, the abbreviation is enclosed in parenthesis. No classification indicates the airport is open to the general public with no military tenant.

A	US Army	MC	Marine Corps
AFRC	Air Force Reserve Command	MIL/CIV	Joint Use Military/Civil Limited Civil Access
AF	US Air Force	N	Navy
ANG	Air National Guard	NAF	Naval Air Facility
AR	US Army Reserve	NAS	Naval Air Station
ARNG	US Army National Guard	NASA	National Air and Space Administration
CG	US Coast Guard	P	US Civil Airport Wherein Permit Covers Use by Transient Military Aircraft
CIV/MIL	Joint Use Civil/Military Open to the Public		
DND	Department of National Defense Canada	PVT	Private Use Only (Closed to the Public)
DOE	Department of Energy		

⑤ AIRPORT LOCATION

Airport location is expressed as distance and direction from the center of the associated city in nautical miles and cardinal points, e.g., 3 N.

⑥ TIME CONVERSION

Hours of operation of all facilities are expressed in Coordinated Universal Time (UTC) and shown as "Z" time. The directory indicates the number of hours to be subtracted from UTC to obtain local standard time and local daylight saving time UTC–5(–4DT). The symbol ‡ indicates that during periods of Daylight Saving Time (DST) effective hours will be one hour earlier than shown. In those areas where daylight saving time is not observed the (–4DT) and ‡ will not be shown. Daylight saving time is in effect from 0200 local time the second Sunday in March to 0200 local time the first Sunday in November. Canada and all U.S. Conterminous States observe daylight saving time except Arizona and Puerto Rico, and the Virgin Islands. If the state observes daylight saving time and the operating times are other than daylight saving times, the operating hours will include the dates, times and no ‡ symbol will be shown, i.e., April 15–Aug 31 0630–1700Z, Sep 1–Apr 14 0600–1700Z.

⑦ GEOGRAPHIC POSITION OF AIRPORT—AIRPORT REFERENCE POINT (ARP)

Positions are shown as hemisphere, degrees, minutes and hundredths of a minute and represent the approximate geometric center of all usable runway surfaces.

⑧ CHARTS

Charts refer to the Sectional Chart and Low and High Altitude Enroute Chart and panel on which the airport or facility is depicted. Pacific Enroute Chart will be indicated by P. Area Enroute Charts will be indicated by A. Helicopter Chart depictions will be indicated as COPTER. IFR Gulf of America West and IFR Gulf of America Central will be referenced as GOAW and GOAC.

⑨ INSTRUMENT APPROACH PROCEDURES, AIRPORT DIAGRAMS

IAP indicates an airport for which a prescribed (Public Use) FAA Instrument Approach Procedure has been published. DIAP indicates an airport for which a prescribed DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures. See the Special Notice Section of this directory, Civil Use of Military Fields and the Aeronautical Information Manual 5–4–5 Instrument Approach Procedure Charts for additional information. AD indicates an airport for which an airport diagram has been published. Airport diagrams are located in the back of each Chart Supplement volume alphabetically by associated city and airport name.

⑩ AIRPORT SKETCH

The airport sketch, when provided, depicts the airport and related topographical information as seen from the air and should be used in conjunction with the text. It is intended as a guide for pilots in VFR conditions. Symbology that is not self–explanatory will be reflected in the sketch legend. The airport sketch will be oriented with True North at the top.

⑪ ELEVATION

The highest point of an airport's usable runways measured in feet from mean sea level. When elevation is sea level it will be indicated as "00". When elevation is below sea level a minus "–" sign will precede the figure.

⑫ ROTATING LIGHT BEACON

B indicates rotating beacon is available. Rotating beacons operate sunset to sunrise unless otherwise indicated in the AIRPORT REMARKS or MILITARY REMARKS segment of the airport entry.

⑬ TRAFFIC PATTERN ALTITUDE

Traffic Pattern Altitude (TPA)—The first figure shown is TPA above mean sea level. The second figure in parentheses is TPA above airport elevation. TPA will only be published if they differ from the recommended altitudes as described in the AIM, Traffic Patterns. Multiple TPA shall be shown as "TPA—See Remarks" and detailed information shall be shown in the Airport or Military Remarks Section. Traffic pattern data for USAF bases, USN facilities, and U.S. Army airports (including those on which ACC or U.S. Army is a tenant) that deviate from standard pattern altitudes shall be shown in Military Remarks.

⑭ AIRPORT OF ENTRY, LANDING RIGHTS, AND CUSTOMS USER FEE AIRPORTS

U.S. CUSTOMS USER FEE AIRPORT—Private Aircraft operators are frequently required to pay the costs associated with customs processing.

AOE—Airport of Entry. A customs Airport of Entry where permission from U.S. Customs is not required to land. However, at least one hour advance notice of arrival is required.

LRA—Landing Rights Airport. Application for permission to land must be submitted in advance to U.S. Customs. At least one hour advance notice of arrival is required.

NOTE: Advance notice of arrival at both an AOE and LRA airport may be included in the flight plan when filed in Canada or Mexico. Where Flight Notification Service (ADCUS) is available the airport remark will indicate this service. This notice will also be treated as an application for permission to land in the case of an LRA. Although advance notice of arrival may be relayed to Customs through Mexico, Canada, and U.S. Communications facilities by flight plan, the aircraft operator is solely responsible for ensuring that Customs receives the notification. (See Customs, Immigration and Naturalization, Public Health and Agriculture Department requirements in the International Flight Information Manual for further details.)

U.S. CUSTOMS AIR AND SEA PORTS, INSPECTORS AND AGENTS

Northeast Sector (New England and Atlantic States—ME to MD)	407–975–1740
Southeast Sector (Atlantic States—DC, WV, VA to FL)	407–975–1780
Central Sector (Interior of the US, including Gulf states—MS, AL, LA)	407–975–1760
Southwest East Sector (OK and eastern TX)	407–975–1840
Southwest West Sector (Western TX, NM and AZ)	407–975–1820
Southwest West Sector (Western TX, NM and AZ)	407–975–1820
Pacific Sector (WA, OR, CA, HI and AK)	407–975–1800

⑮ CERTIFICATED AIRPORT (14 CFR PART 139)

Airports serving Department of Transportation certified carriers and certified under 14 CFR part 139 are indicated by the Class and the ARFF Index; e.g. Class I, ARFF Index A, which relates to the availability of crash, fire, rescue equipment. Class I airports can have an ARFF Index A through E, depending on the aircraft length and scheduled departures. Class II, III, and IV will always carry an Index A.

AIRPORT CLASSIFICATIONS

Type of Air Carrier Operation	Class I	Class II	Class III	Class IV
Scheduled Air Carrier Aircraft with 31 or more passenger seats	X			
Unscheduled Air Carrier Aircraft with 31 or more passengers seats	X	X		X
Scheduled Air Carrier Aircraft with 10 to 30 passenger seats	X	X	X	

INDICES AND AIRCRAFT RESCUE AND FIRE FIGHTING EQUIPMENT REQUIREMENTS

Airport Index	Required No. Vehicles	Aircraft Length	Scheduled Departures	Agent + Water for Foam
A	1	<90´	≥1	500#DC or HALON 1211 or 450#DC + 100 gal H_2O
B	1 or 2	≥90´, <126´ —————— ≥126´, <159´	≥5 —— <5	Index A + 1500 gal H_2O
C	2 or 3	≥126´, <159´ —————— ≥159´, <200´	≥5 —— <5	Index A + 3000 gal H_2O
D	3	≥159´, <200´ —————— >200´	—— <5	Index A + 4000 gal H_2O
E	3	≥200´	≥5	Index A + 6000 gal H_2O

> Greater Than; < Less Than; ≥ Equal or Greater Than; ≤ Equal or Less Than; H_2O–Water; DC–Dry Chemical.

NOTE: The listing of ARFF index does not necessarily assure coverage for non–air carrier operations or at other than prescribed times for air carrier. ARFF Index Ltd.—indicates ARFF coverage may or may not be available, for information contact airport manager prior to flight.

⑯ NOTAM SERVICE

All public use landing areas are provided NOTAM service. A NOTAM FILE identifier is shown for individual landing areas, e.g., "NOTAM FILE BNA". See the AIM, Basic Flight Information and ATC Procedures for a detailed description of NOTAMs. Current NOTAMs are available from flight service stations at 1–800–WX–BRIEF (992–7433) or online through the FAA PilotWeb at https://pilotweb.nas.faa.gov. Military NOTAMs are available using the Defense Internet NOTAM Service (DINS) at https://www.notams.faa.gov. Pilots flying to or from airports not available through the FAA PilotWeb or DINS can obtain assistance from Flight Service.

⑰ FAA INSPECTION

All airports not inspected by FAA will be identified by the note: Not insp. This indicates that the airport information has been provided by the owner or operator of the field.

⑱ MINIMUM OPERATIONAL NETWORK (MON) AIRPORT DESIGNATION

MON Airports have at least one VOR or ILS instrument approach procedure that can be flown without the need for GPS, WAAS, DME, NDB or RADAR. The primary purpose of the MON designation is for recovery in case of GPS outage.

⑲ RUNWAY DATA

Runway information is shown on two lines. That information common to the entire runway is shown on the first line while information concerning the runway ends is shown on the second or following line. Runway direction, surface, length, width, weight bearing capacity, lighting, and slope, when available are shown for each runway. Multiple runways are shown with the longest runway first. Direction, length, width, and lighting are shown for sea–lanes. The full dimensions of helipads are shown, e.g., 50X150. Runway data that requires clarification will be placed in the remarks section.

RUNWAY DESIGNATION

Runways are normally numbered in relation to their magnetic orientation rounded off to the nearest 10 degrees. Parallel runways can be designated L (left)/R (right)/C (center). Runways may be designated as Ultralight or assault strips. Assault strips are shown by magnetic bearing.

RUNWAY DIMENSIONS

Runway length and width are shown in feet. Length shown is runway end to end including displaced thresholds, but excluding those areas designed as overruns.

RUNWAY SURFACE AND SURFACE TREATMENT

Runway lengths prefixed by the letter "H" indicate that the runways are hard surfaced (concrete, asphalt, or part asphalt–concrete). If the runway length is not prefixed, the surface is sod, clay, etc. The runway surface composition is indicated in parentheses after runway length as follows:

(AFSC)—Aggregate friction seal coat
(AM2)—Temporary metal planks coated with nonskid material
(ASPH)—Asphalt
(CONC)—Concrete
(DIRT)—Dirt
(GRVD)—Grooved
(GRVL)—Gravel, or cinders
(MATS)—Pierced steel planking, landing mats, membranes
(PEM)—Part concrete, part asphalt
(PFC)—Porous friction courses
(PSP)—Pierced steel plank
(RFSC)—Rubberized friction seal coat
(SAND)—Sand
(TURF)—Turf
(TRTD)—Treated
(WC)—Wire combed

RUNWAY WEIGHT BEARING CAPACITY

Runway strength data shown in this publication is derived from available information and is a realistic estimate of capability at an average level of activity. It is not intended as a maximum allowable weight or as an operating limitation. Many airport pavements are capable of supporting limited operations with gross weights in excess of the published figures. Permissible operating weights, insofar as runway strengths are concerned, are a matter of agreement between the owner and user. When desiring to operate into any airport at weights in excess of those published in the publication, users should contact the airport management for permission. Runway strength figures are shown in thousand of pounds, with the last three figures being omitted. Add 000 to figure following S, D, 2S, 2T, AUW, SWL, etc., for gross weight capacity. A blank space following the letter designator is used to indicate the runway can sustain aircraft with this type landing gear, although definite runway weight bearing capacity figures are not available, e.g., S, D. Applicable codes for typical gear configurations with S=Single, D=Dual, T=Triple and Q=Quadruple:

CURRENT	NEW	NEW DESCRIPTION
S	S	Single wheel type landing gear (DC3), (C47), (F15), etc.
D	D	Dual wheel type landing gear (BE1900), (B737), (A319), etc.
T	D	Dual wheel type landing gear (P3, C9).
ST	2S	Two single wheels in tandem type landing gear (C130).
TRT	2T	Two triple wheels in tandem type landing gear (C17), etc.
DT	2D	Two dual wheels in tandem type landing gear (B707), etc.
TT	2D	Two dual wheels in tandem type landing gear (B757, KC135).
SBTT	2D/D1	Two dual wheels in tandem/dual wheel body gear type landing gear (KC10).
None	2D/2D1	Two dual wheels in tandem/two dual wheels in tandem body gear type landing gear (A340–600).
DDT	2D/2D2	Two dual wheels in tandem/two dual wheels in double tandem body gear type landing gear (B747, E4).
TTT	3D	Three dual wheels in tandem type landing gear (B777), etc.
TT	D2	Dual wheel gear two struts per side main gear type landing gear (B52).
TDT	C5	Complex dual wheel and quadruple wheel combination landing gear (C5).

AUW—All up weight. Maximum weight bearing capacity for any aircraft irrespective of landing gear configuration.

SWL—Single Wheel Loading. (This includes information submitted in terms of Equivalent Single Wheel Loading (ESWL) and Single Isolated Wheel Loading).

PSI—Pounds per square inch. PSI is the actual figure expressing maximum pounds per square inch runway will support, e.g., (SWL 000/PSI 535).

Omission of weight bearing capacity indicates information unknown.

The ACN/PCN System is the ICAO standard method of reporting pavement strength for pavements with bearing strengths greater than 12,500 pounds. The Pavement Classification Number (PCN) is established by an engineering assessment of the runway. The PCN is for use in conjunction with an Aircraft Classification Number (ACN). Consult the Aircraft Flight Manual, Flight Information Handbook, or other appropriate source for ACN tables or charts. Currently, ACN data may not be available for all aircraft. If an ACN table or chart is available, the ACN can be calculated by taking into account the aircraft weight, the pavement type, and the subgrade category. For runways that have been evaluated under the ACN/PCN system, the PCN will be shown as a five–part code (e.g. PCN 80 R/B/W/T). Details of the coded format are as follows:

NOTE: ICAO adopted the ACR/PCR System as the new standard method for reporting pavement strength in July 2020. The ACR/PCR System methodology remains unchanged from the ACN/PCN system described above. The Pavement Classification Rating (PCR) remains a five-part code (e.g. PCR 460 R/B/W/T) with the number being one order of magnitude higher than PCNs. The details of the code below are not changed with PCR. ICAO has established a four year transition period during which time a PCN or a PCR may be reported. Currently Aircraft Classification Rating (ACR) data may not be available for all aircraft.

NOTE: Prior permission from the airport controlling authority is required when the ACN/ACR of the aircraft exceeds the published PCN/PCR or aircraft tire pressure exceeds the published limits.

(1) The PCN/PCR NUMBER—The reported PCN/PCR indicates that an aircraft with an ACN/ACR equal or less than the reported PCN/PCR can operate on the pavement subject to any limitation on the tire pressure.

(2) The type of pavement:
R — Rigid
F — Flexible

(3) The pavement subgrade category:
A — High
B — Medium
C — Low
D — Ultra–low

(4) The maximum tire pressure authorized for the pavement:
W — Unlimited, no pressure limit
X — High, limited to 254 psi (1.75 MPa)
Y — Medium, limited to 181 psi (1.25MPa)
Z — Low, limited to 73 psi (0.50 MPa)

(5) Pavement evaluation method:
T — Technical evaluation
U — By experience of aircraft using the pavement

RUNWAY LIGHTING

Lights are in operation sunset to sunrise. Lighting available by prior arrangement only or operating part of the night and/or pilot controlled lighting with specific operating hours are indicated under airport or military remarks. At USN/USMC facilities lights are available only during airport hours of operation. Since obstructions are usually lighted, obstruction lighting is not included in this code. Unlighted obstructions on or surrounding an airport will be noted in airport or military remarks. Runway lights nonstandard (NSTD) are systems for which the light fixtures are not FAA approved L–800 series: color, intensity, or spacing does not meet FAA standards. Nonstandard runway lights, VASI, or any other system not listed below will be shown in airport remarks or military service. Temporary, emergency or limited runway edge lighting such as flares, smudge pots, lanterns or portable runway lights will also be shown in airport remarks or military service. Types of lighting are shown with the runway or runway end they serve.

NSTD—Light system fails to meet FAA standards.
LIRL—Low Intensity Runway Lights.
MIRL—Medium Intensity Runway Lights.
HIRL—High Intensity Runway Lights.
RAIL—Runway Alignment Indicator Lights.
REIL—Runway End Identifier Lights.
CL—Centerline Lights.
TDZL—Touchdown Zone Lights.
ODALS—Omni Directional Approach Lighting System.
AF OVRN—Air Force Overrun 1000´ Standard Approach Lighting System.
MALS—Medium Intensity Approach Lighting System.
MALSF—Medium Intensity Approach Lighting System with Sequenced Flashing Lights.
MALSR—Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights.
RLLS—Runway Lead–in Light System
SALS—Short Approach Lighting System.
SALSF—Short Approach Lighting System with Sequenced Flashing Lights.
SSALS—Simplified Short Approach Lighting System.
SSALF—Simplified Short Approach Lighting System with Sequenced Flashing Lights.
SSALR—Simplified Short Approach Lighting System with Runway Alignment Indicator Lights.
ALSAF—High Intensity Approach Lighting System with Sequenced Flashing Lights.
ALSF1—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category I, Configuration.
ALSF2—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category II, Configuration.
SF—Sequenced Flashing Lights.
OLS—Optical Landing System.
WAVE–OFF.

NOTE: Civil ALSF2 may be operated as SSALR during favorable weather conditions. When runway edge lights are positioned more than 10 feet from the edge of the usable runway surface a remark will be added in the “Remarks” portion of the airport entry. This is applicable to Air Force, Air National Guard and Air Force Reserve Bases, and those joint use airfields on which they are tenants.

VISUAL GLIDESLOPE INDICATORS

APAP—A system of panels, which may or may not be lighted, used for alignment of approach path.

PNIL	APAP on left side of runway	PNIR	APAP on right side of runway

PAPI—Precision Approach Path Indicator

P2L	2–identical light units placed on left side of runway	P4L	4–identical light units placed on left side of runway
P2R	2–identical light units placed on right side of runway	P4R	4–identical light units placed on right side of runway

PVASI—Pulsating/steady burning visual approach slope indicator, normally a single light unit projecting two colors.

PSIL	PVASI on left side of runway	PSIR	PVASI on right side of runway

SAVASI—Simplified Abbreviated Visual Approach Slope Indicator

S2L	2–box SAVASI on left side of runway	S2R	2–box SAVASI on right side of runway

SAVASI—Simplified Abbreviated Visual Approach Slope Indicator

S2L	2–box SAVASI on left side of runway	S2R	2–box SAVASI on right side of runway

TRCV—Tri–color visual approach slope indicator, normally a single light unit projecting three colors.

TRIL	TRCV on left side of runway	TRIR	TRCV on right side of runway

VASI—Visual Approach Slope Indicator

V2L	2–box VASI on left side of runway	V6L	6–box VASI on left side of runway
V2R	2–box VASI on right side of runway	V6R	6–box VASI on right side of runway
V4L	4–box VASI on left side of runway	V12	12–box VASI on both sides of runway
V4R	4–box VASI on right side of runway	V16	16–box VASI on both sides of runway

NOTE: Approach slope angle and threshold crossing height will be shown when available; i.e., –GA 3.5º TCH 37´.

PILOT CONTROL OF AIRPORT LIGHTING

Key Mike	Function
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL–Off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL–Off)

Available systems will be indicated in the Service section, e.g., **LGT** ACTIVATE HIRL Rwy 07–25, MALSR Rwy 07, and VASI Rwy 07—122.8.

Where the airport is not served by an instrument approach procedure and/or has an independent type system of different specification installed by the airport sponsor, descriptions of the type lights, method of control, and operating frequency will be explained in clear text. See AIM, "Aeronautical Lighting and Other Airport Visual Aids," for a detailed description of pilot control of airport lighting.

RUNWAY SLOPE

When available, runway slope data will be provided. Runway slope will be shown only when it is 0.3 percent or greater. On runways less than 8000 feet, the direction of the slope up will be indicated, e.g., 0.3% up NW. On runways 8000 feet or greater, the slope will be shown (up or down) on the runway end line, e.g., RWY 13: 0.3% up., RWY 31: Pole. Rgt tfc. 0.4% down.

PART 121/PART 380 OPERATIONS

Runway Not Available for Part 121/Part 380 Operations means the runway is not to be used by an air carrier aircraft for any air carrier operations (categorized as either a large air carrier aircraft if designed for at least 31 passenger seats or a small air carrier aircraft if designed for more than 9 passenger seats but less than 31 passenger seats, as determined by the aircraft type certificate issued by a competent civil aviation authority or equivalent foreign aviation authority).

RUNWAY END DATA

Information pertaining to the runway approach end such as approach lights, touchdown zone lights, runway end identification lights, visual glideslope indicators, displaced thresholds, controlling obstruction, and right hand traffic pattern, will be shown on the specific runway end. "Rgt tfc"—Right traffic indicates right turns should be made on landing and takeoff for specified runway end. Runway Visual Range shall be shown as "RVR" appended with "T" for touchdown, "M" for midpoint, and "R" for rollout; e.g., RVR-TMR.

⑳ LAND AND HOLD–SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold–Short Operations" These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold–short operations and markings.

㉑ RUNWAY DECLARED DISTANCE INFORMATION

TORA—Take–off Run Available. The length of runway declared available and suitable for the ground run of an aeroplane take–off.

TODA—Take–off Distance Available. The length of the take–off run available plus the length of the clearway, if provided.

ASDA—Accelerate–Stop Distance Available. The length of the take–off run available plus the length of the stopway, if provided.

LDA—Landing Distance Available. The length of runway which is declared available and suitable for the ground run of an aeroplane landing.

㉒ ARRESTING GEAR/SYSTEMS

Arresting gear is shown as it is located on the runway. The a–gear distance from the end of the appropriate runway (or into the overrun) is indicated in parentheses. A–Gear which has a bi–direction capability and can be utilized for emergency approach end engagement is indicated by a (B). Up to 15 minutes advance notice may be required for rigging A–Gear for approach and engagement. Airport listing may show availability of other than US Systems. This information is provided for emergency requirements only. Refer to current aircraft operating manuals for specific engagement weight and speed criteria based on aircraft structural restrictions and arresting system limitations.

Following is a list of current systems referenced in this publication identified by both Air Force and Navy terminology:

BI–DIRECTIONAL CABLE (B)

TYPE	DESCRIPTION
BAK–9	Rotary friction brake.
BAK–12A	Standard BAK–12 with 950 foot run out, 1–inch cable and 40,000 pound weight setting. Rotary friction brake.
BAK–12B	Extended BAK–12 with 1200 foot run, 1¼ inch Cable and 50,000 pounds weight setting. Rotary friction brake.
E28	Rotary Hydraulic (Water Brake).
M21	Rotary Hydraulic (Water Brake) Mobile.

The following device is used in conjunction with some aircraft arresting systems:

BAK–14 A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to five seconds to fully raise the cable.)

H A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to one and one–half seconds to fully raise the cable.)

UNI–DIRECTIONAL CABLE

TYPE	DESCRIPTION
MB60	Textile brake—an emergency one–time use, modular braking system employing the tearing of specially woven textile straps to absorb the kinetic energy.
E5/E5–1/E5–3	Chain Type. At USN/USMC stations E–5 A–GEAR systems are rated, e.g., E–5 RATING–13R–1100 HW (DRY), 31L/R–1200 STD (WET). This rating is a function of the A–GEAR chain weight and length and is used to determine the maximum aircraft engaging speed. A dry rating applies to a stabilized surface (dry or wet) while a wet rating takes into account the amount (if any) of wet overrun that is not capable of withstanding the aircraft weight. These ratings are published under Service/Military/A-Gear in the entry.

FOREIGN CABLE

TYPE	DESCRIPTION	US EQUIVALENT
44B–3H	Rotary Hydraulic (Water Brake)	
CHAG	Chain	E–5

UNI–DIRECTIONAL BARRIER

TYPE	DESCRIPTION
MA–1A	Web barrier between stanchions attached to a chain energy absorber.
BAK–15	Web barrier between stanchions attached to an energy absorber (water squeezer, rotary friction, chain). Designed for wing engagement.

NOTE: Landing short of the runway threshold on a runway with a BAK–15 in the underrun is a significant hazard. The barrier in the down position still protrudes several inches above the underrun. Aircraft contact with the barrier short of the runway threshold can cause damage to the barrier and substantial damage to the aircraft.

OTHER

TYPE	DESCRIPTION
EMAS	Engineered Material Arresting System, located beyond the departure end of the runway, consisting of high energy absorbing materials which will crush under the weight of an aircraft.

㉓ SERVICE

SERVICING—CIVIL

S1: Minor airframe repairs.
S2: Minor airframe and minor powerplant repairs.
S3: Major airframe and minor powerplant repairs.
S4: Major airframe and major powerplant repairs.
S5: Major airframe repairs.
S6: Minor airframe and major powerplant repairs.
S7: Major powerplant repairs.
S8: Minor powerplant repairs.

FUEL

CODE	FUEL
100	Grade 100 gasoline (Green)
100LL	100LL gasoline (low lead) (Blue)
100R	Unleaded Grade 100R gasoline, "100R"
A	Jet A, Kerosene, without FS–II*, FP** minus 40° C.
A+	Jet A, Kerosene, with FS–II*, FP** minus 40°C.
A++	Jet A, Kerosene, with FS–II*, CI/LI#, SDA##, FP** minus 40°C.
A++100	Jet A, Kerosene, with FS–II*, CI/LI#, SDA##, FP** minus 40°C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels.
A1	Jet A–1, Kerosene, without FS–II*, FP** minus 47°C.
A1+	Jet A–1, Kerosene with FS–II*, FP** minus 47° C.
G100	Unleaded Grade G100 gasoline, "G100UL"
H	Hydrogen
J5 (JP5)	(JP–5 military specification) Kerosene with FS–II, FP** minus 46°C.
J8 (JP8)	(JP–8 military specification) Jet A–1, Kerosene with FS–II*, CI/LI#, SDA##, FP** minus 47°C.
J8+100	(JP–8 military specification) Jet A–1, Kerosene with FS–II*, CI/LI#, SDA##,FP** minus 47°C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels.
J	(Jet Fuel Type Unknown)
MOGAS	Automobile gasoline which is to be used as aircraft fuel.
UL91	Unleaded Grade 91 gasoline
UL94	Unleaded Grade 94 gasoline

*(Fuel System Icing Inhibitor) **(Freeze Point) # (Corrosion Inhibitors/Lubricity Improvers) ## (Static Dissipator Additive)

NOTE: Certain automobile gasoline may be used in specific aircraft engines if a FAA supplemental type certificate has been obtained. Automobile gasoline, which is to be used in aircraft engines, will be identified as "MOGAS", however, the grade/type and other octane rating will not be published.

Data shown on fuel availability represents the most recent information the publisher has been able to acquire. Because of a variety of factors, the fuel listed may not always be obtainable by transient civil pilots. Confirmation of availability of fuel should be made directly with fuel suppliers at locations where refueling is planned.

OXYGEN—CIVIL

OX 1	High Pressure	OX 3	High Pressure—Replacement Bottles
OX 2	Low Pressure	OX 4	Low Pressure—Replacement Bottles

SERVICE—MILITARY

Specific military services available at the airport are listed under this general heading. Remarks applicable to any military service are shown in the individual service listing.

JET AIRCRAFT STARTING UNITS (JASU)—MILITARY

The numeral preceding the type of unit indicates the number of units available. The absence of the numeral indicates ten or more units available. If the number of units is unknown, the number one will be shown. Absence of JASU designation indicates non–availability. The following is a list of current JASU systems referenced in this publication:

USAF JASU (For variations in technical data, refer to T.O. 35–1–7.)

ELECTRICAL STARTING UNITS:

A/M32A–86	AC: 115/200v, 3 phase, 90 kva, 0.8 pf, 4 wire DC: 28v, 1500 amp, 72 kw (with TR pack)
MC–1A	AC: 115/208v, 400 cycle, 3 phase, 37.5 kva, 0.8 pf, 108 amp, 4 wire DC: 28v, 500 amp, 14 kw
MD–3	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD–3A	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD–3M	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 500 amp, 15 kw
MD–4	AC: 120/208v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 175 amp, "WYE" neutral ground, 4 wire, 120v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 303 amp, "DELTA" 3 wire, 120v, 400 cycle, 1 phase, 62.5 kva, 0.8 pf, 520 amp, 2 wire

AIR STARTING UNITS

AM32–95	150 +/– 5 lb/min (2055 +/– 68 cfm) at 51 +/– 2 psia
AM32A–95	150 +/– 5 lb/min @ 49 +/– 2 psia (35 +/– 2 psig)
LASS	150 +/– 5 lb/min @ 49 +/– 2 psia
MA–1A	82 lb/min (1123 cfm) at 130° air inlet temp, 45 psia (min) air outlet press
MC–1	15 cfm, 3500 psia
MC–1A	15 cfm, 3500 psia
MC–2A	15 cfm, 200 psia
MC–11	8,000 cu in cap, 4000 psig, 15 cfm

COMBINED AIR AND ELECTRICAL STARTING UNITS:

AGPU	AC: 115/200v, 400 cycle, 3 phase, 30 kw gen DC: 28v, 700 amp AIR: 60 lb/min @ 40 psig @ sea level
AM32A–60*	AIR: 120 +/– 4 lb/min (1644 +/– 55 cfm) at 49 +/– 2 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire, 120v, 1 phase, 25 kva DC: 28v, 500 amp, 15 kw
AM32A–60A	AIR: 150 +/– 5 lb/min (2055 +/– 68 cfm at 51 +/– psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw
AM32A–60B*	AIR: 130 lb/min, 50 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw

*NOTE: During combined air and electrical loads, the pneumatic circuitry takes preference and will limit the amount of electrical power available.

USN JASU

ELECTRICAL STARTING UNITS:

NC–8A/A1	DC: 500 amp constant, 750 amp intermittent, 28v; AC: 60 kva @ .8 pf, 115/200v, 3 phase, 400 Hz.
NC–10A/A1/B/C	DC: 750 amp constant, 1000 amp intermittent, 28v; AC: 90 kva, 115/200v, 3 phase, 400 Hz.

AIR STARTING UNITS:

GTC–85/GTE–85	120 lbs/min @ 45 psi.
MSU–200NAV/A/U47A–5	204 lbs/min @ 56 psia.
WELLS AIR START SYSTEM	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. Simultaneous multiple start capability.

COMBINED AIR AND ELECTRICAL STARTING UNITS:

NCPP–105/RCPT	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. 700 amp, 28v DC. 120/208v, 400 Hz AC, 30 kva.

ARMY JASU

59B2–1B	28v, 7.5 kw, 280 amp.

OTHER JASU

ELECTRICAL STARTING UNITS (DND):

CE12	AC 115/200v, 140 kva, 400 Hz, 3 phase
CE13	AC 115/200v, 60 kva, 400 Hz, 3 phase
CE14	AC/DC 115/200v, 140 kva, 400 Hz, 3 phase, 28vDC, 1500 amp
CE15	DC 22–35v, 500 amp continuous 1100 amp intermittent
CE16	DC 22–35v, 500 amp continuous 1100 amp intermittent soft start

AIR STARTING UNITS (DND):

CA2	ASA 45.5 psig, 116.4 lb/min

COMBINED AIR AND ELECTRICAL STARTING UNITS (DND)

CEA1	AC 120/208v, 60 kva, 400 Hz, 3 phase DC 28v, 75 amp AIR 112.5 lb/min, 47 psig

ELECTRICAL STARTING UNITS (OTHER)

C–26	28v 45kw 115–200v 15kw 380–800 Hz 1 phase 2 wire
C–26–B, C–26–C	28v 45kw: Split Bus: 115–200v 15kw 380–800 Hz 1 phase 2 wire
E3	DC 28v/10kw

AIR STARTING UNITS (OTHER):

A4	40 psi/2 lb/sec (LPAS Mk12, Mk12L, Mk12A, Mk1, Mk2B)
MA–1	150 Air HP, 115 lb/min 50 psia
MA–2	250 Air HP, 150 lb/min 75 psia

CARTRIDGE:

MXU–4A	USAF

FUEL—MILITARY

Fuel available through US Military Base supply, DESC Into–Plane Contracts and/or reciprocal agreement is listed first and is followed by (Mil). At commercial airports where Into–Plane contracts are in place, the name of the refueling agent is shown. Military fuel should be used first if it is available. When military fuel cannot be obtained but Into–Plane contract fuel is available, Government aircraft must refuel with the contract fuel and applicable refueling agent to avoid any breach in contract terms and conditions. Fuel not available through the above is shown preceded by NC (no contract). When fuel is obtained from NC sources, local purchase procedures must be followed. The US Military Aircraft Identaplates DD Form 1896 (Jet Fuel), DD Form 1897 (Avgas) and AF Form 1245 (Avgas) are used at military installations only. The US Government Aviation Into–Plane Reimbursement (AIR) Card (currently issued by AVCARD) is the instrument to be used to obtain fuel under a DESC Into–Plane Contract and for NC purchases if the refueling agent at the commercial airport accepts the AVCARD. A current list of contract fuel locations is available online at https://cis.energy.dla.mil/ip_cis/. See legend item 14 for fuel code and description.

SUPPORTING FLUIDS AND SYSTEMS—MILITARY

CODE	
ADI	Anti–Detonation Injection Fluid—Reciprocating Engine Aircraft.
W	Water Thrust Augmentation—Jet Aircraft.
WAI	Water–Alcohol Injection Type, Thrust Augmentation—Jet Aircraft.
SP	Single Point Refueling.
PRESAIR	Air Compressors rated 3,000 PSI or more.
De–Ice	Anti–icing/De–icing/Defrosting Fluid (MIL–A–8243).

OXYGEN:

LPOX	Low pressure oxygen servicing.
HPOX	High pressure oxygen servicing.
LHOX	Low and high pressure oxygen servicing.
LOX	Liquid oxygen servicing.
OXRB	Oxygen replacement bottles. (Maintained primarily at Naval stations for use in acft where oxygen can be replenished only by replacement of cylinders.)
OX	Indicates oxygen servicing when type of servicing is unknown.

NOTE: Combinations of above items is used to indicate complete oxygen servicing available;

LHOXRB	Low and high pressure oxygen servicing and replacement bottles;
LPOXRB	Low pressure oxygen replacement bottles only, etc.

NOTE: Aircraft will be serviced with oxygen procured under military specifications only. Aircraft will not be serviced with medical oxygen.

NITROGEN:

LPNIT — Low pressure nitrogen servicing.

HPNIT — High pressure nitrogen servicing.

LHNIT — Low and high pressure nitrogen servicing.

OIL—MILITARY

US AVIATION OILS (MIL SPECS):

CODE	GRADE, TYPE
O–113	1065, Reciprocating Engine Oil (MIL–L–6082)
O–117	1100, Reciprocating Engine Oil (MIL–L–6082)
O–117+	1100, O–117 plus cyclohexanone (MIL–L–6082)
O–123	1065, (Dispersant), Reciprocating Engine Oil (MIL–L–22851 Type III)
O–128	1100, (Dispersant), Reciprocating Engine Oil (MIL–L–22851 Type II)
O–132	1005, Jet Engine Oil (MIL–L–6081)
O–133	1010, Jet Engine Oil (MIL–L–6081)
O–147	None, MIL–L–6085A Lubricating Oil, Instrument, Synthetic
O–148	None, MIL–L–7808 (Synthetic Base) Turbine Engine Oil
O–149	None, Aircraft Turbine Engine Synthetic, 7.5c St
O–155	None, MIL–L–6086C, Aircraft, Medium Grade
O–156	None, MIL–L–23699 (Synthetic Base), Turboprop and Turboshaft Engines
JOAP/SOAP	Joint Oil Analysis Program. JOAP support is furnished during normal duty hours, other times on request. (JOAP and SOAP programs provide essentially the same service, JOAP is now the standard joint service supported program.)

TRANSIENT ALERT (TRAN ALERT)—MILITARY

Tran Alert service is considered to include all services required for normal aircraft turn–around, e.g., servicing (fuel, oil, oxygen, etc.), debriefing to determine requirements for maintenance, minor maintenance, inspection and parking assistance of transient aircraft. Drag chute repack, specialized maintenance, or extensive repairs will be provided within the capabilities and priorities of the base. Delays can be anticipated after normal duty hours/holidays/weekends regardless of the hours of transient maintenance operation. Pilots should not expect aircraft to be serviced for TURN–AROUNDS during time periods when servicing or maintenance manpower is not available. In the case of airports not operated exclusively by US military, the servicing indicated by the remarks will not always be available for US military aircraft. When transient alert services are not shown, facilities are unknown. NO PRIORITY BASIS—means that transient alert services will be provided only after all the requirements for mission/tactical assigned aircraft have been accomplished.

㉔ NOISE

Remarks that indicate noise information and/or abatement measures that exist in the vicinity of the airport.

㉕ AIRPORT REMARKS

The Attendance Schedule is the months, days and hours the airport is actually attended. Airport attendance does not mean watchman duties or telephone accessibility, but rather an attendant or operator on duty to provide at least minimum services (e.g., repairs, fuel, transportation).

Airport Remarks have been grouped in order of applicability. Airport remarks are limited to those items of information that are determined essential for operational use, i.e., conditions of a permanent or indefinite nature and conditions that will remain in effect for more than 30 days concerning aeronautical facilities, services, maintenance available, procedures or hazards, knowledge of which is essential for safe and efficient operation of aircraft. Information concerning permanent closing of a runway or taxiway will not be shown. A note “See Special Notices” shall be applied within this remarks section when a special notice applicable to the entry is contained in the Special Notices section of this publication.

Parachute Jumping indicates parachute jumping areas associated with the airport. See Parachute Jumping Area section of this publication for additional Information.

Landing Fee indicates landing charges for private or non–revenue producing aircraft. In addition, fees may be charged for planes that remain over a couple of hours and buy no services, or at major airline terminals for all aircraft.

Note: Unless otherwise stated, remarks including runway ends refer to the runway's approach end.

㉖ MILITARY REMARKS

Joint Civil/Military airports contain both Airport Remarks and Military Remarks. Military Remarks published for these airports are applicable only to the military. Military and joint Military/Civil airports contain only Military Remarks. Remarks contained in this section may not be applicable to civil users. When both sets of remarks exist, the first set is applicable to the primary operator of the airport. Remarks applicable to a tenant on the airport are shown preceded by the tenant organization, i.e., (A) (AF) (N) (ANG), etc. Military airports operate 24 hours unless otherwise specified. Airport operating hours are listed first (airport operating hours will only be listed if they are different than the airport attended hours or if the attended hours are unavailable) followed by pertinent remarks in order of applicability. Remarks will include information on restrictions, hazards, traffic pattern, noise abatement, customs/agriculture/ immigration, and miscellaneous information applicable to the Military.

Type of restrictions:

CLOSED: When designated closed, the airport is restricted from use by all aircraft unless stated otherwise. Any closure applying to specific type of aircraft or operation will be so stated. USN/USMC/USAF airports are considered closed during non–operating hours. Closed airports may be utilized during an emergency provided there is a safe landing area.

OFFICIAL BUSINESS ONLY: The airfield is closed to all transient military aircraft for obtaining routine services such as fueling, passenger drop off or pickup, practice approaches, parking, etc. The airfield may be used by aircrews and aircraft if official government business (including civilian) must be conducted on or near the airfield and prior permission is received from the airfield manager.

AF OFFICIAL BUSINESS ONLY OR NAVY OFFICIAL BUSINESS ONLY: Indicates that the restriction applies only to service indicated.

PRIOR PERMISSION REQUIRED (PPR): Airport is closed to transient aircraft unless approval for operation is obtained from the appropriate commander through Chief, Airfield Management or Airfield Operations Officer. Official Business or PPR does not preclude the use of US Military airports as an alternate for IFR flights. If a non–US military airport is used as a weather alternate and requires a PPR, the PPR must be requested and confirmed before the flight departs. The purpose of PPR is to control volume and flow of traffic rather than to prohibit it. Prior permission is required for all aircraft requiring transient alert service outside the published transient alert duty hours. All aircraft carrying hazardous materials must obtain prior permission as outlined in AFJI 11–204, AR 95–27, OPNAVINST 3710.7.

Note: OFFICIAL BUSINESS ONLY AND PPR restrictions are not applicable to Special Air Mission (SAM) or Special Air Resource (SPAR) aircraft providing person or persons on aboard are designated Code 6 or higher as explained in AFJMAN 11–213, AR 95–11, OPNAVINST 3722–8J. Official Business Only or PPR do not preclude the use of the airport as an alternate for IFR flights.

㉗ AIRPORT MANAGER

The phone number of the airport manager.

㉘ WEATHER DATA SOURCES

Weather data sources will be listed alphabetically followed by their assigned frequencies and/or telephone number and hours of operation.

ASOS—Automated Surface Observing System. Reports the same as an AWOS–3 plus precipitation identification and intensity, and freezing rain occurrence;

AWOS—Automated Weather Observing System

AWOS–A—reports altimeter setting (all other information is advisory only).

AWOS–AV—reports altimeter and visibility.

AWOS–1—reports altimeter setting, wind data and usually temperature, dew point and density altitude.

AWOS–2—reports the same as AWOS–1 plus visibility.

AWOS–3—reports the same as AWOS–1 plus visibility and cloud/ceiling data.

AWOS–3P reports the same as the AWOS–3 system, plus a precipitation identification sensor.

AWOS–3PT reports the same as the AWOS–3 system, plus precipitation identification sensor and a thunderstorm/lightning reporting capability.

AWOS–3T reports the same as AWOS–3 system and includes a thunderstorm/lightning reporting capability.

See AIM, Basic Flight Information and ATC Procedures for detailed description of Weather Data Sources.

AWOS–4—reports same as AWOS–3 system, plus precipitation occurrence, type and accumulation, freezing rain, thunderstorm and runway surface sensors.

LAWRS—Limited Aviation Weather Reporting Station where observers report cloud height, weather, obstructions to vision, temperature and dewpoint (in most cases), surface wind, altimeter and pertinent remarks.

LLWAS—indicates a Low Level Wind Shear Alert System consisting of a center field and several field perimeter anemometers.

SAWRS—identifies airports that have a Supplemental Aviation Weather Reporting Station available to pilots for current weather information.

SWSL—Supplemental Weather Service Location providing current local weather information via radio and telephone.

TDWR—indicates airports that have Terminal Doppler Weather Radar.

WSP—indicates airports that have Weather System Processor.

When the automated weather source is broadcast over an associated airport NAVAID frequency (see NAVAID line), it shall be indicated by a bold ASOS or AWOS followed by the frequency, identifier and phone number, if available.

㉙ COMMUNICATIONS

Airport terminal control facilities and radio communications associated with the airport shall be shown. When the call sign is not the same as the airport name the call sign will be shown. Frequencies shall normally be shown in ascending order with the primary frequency listed first. Frequencies will be listed, together with sectorization indicated by outbound radials, and hours of operation. Communications will be listed in sequence as follows:

Single Frequency Approach (SFA), Common Traffic Advisory Frequency (CTAF), Aeronautical Advisory Stations (UNICOM) or (AUNICOM), and Automatic Terminal Information Service (ATIS) along with their frequency is shown, where available, on the line following the heading "COMMUNICATIONS." When the CTAF and UNICOM frequencies are the same, the frequency will be shown as CTAF/UNICOM 122.8.

The FSS telephone nationwide is toll free 1–800–WX–BRIEF (1–800–992–7433). When the FSS is located on the field it will be indicated as "on arpt". Frequencies available at the FSS will follow in descending order. Remote Communications Outlet (RCO) providing service to the airport followed by the frequency and FSS RADIO name will be shown when available. FSS's provide information on airport conditions, radio aids and other facilities, and process flight plans. Airport Advisory Service (AAS) is provided on the CTAF by FSS's for select non–tower airports or airports where the tower is not in operation.

(See AIM, Para 4–1–9 Traffic Advisory Practices at Airports Without Operating Control Towers or AC 90–42C.)

Aviation weather briefing service is provided by FSS specialists. Flight and weather briefing services are also available by calling the telephone numbers listed.

Remote Communications Outlet (RCO)—An unmanned air/ground communications facility that is remotely controlled and provides UHF or VHF communications capability to extend the service range of an FSS.

Civil Communications Frequencies–Civil communications frequencies used in the FSS air/ground system are operated on 122.0, 122.2, 123.6; emergency 121.5; plus receive–only on 122.1.

a. 122.2 is assigned as a common enroute frequency.

b. 123.6 is assigned as the airport advisory frequency at select non–tower locations. At airports with a tower, FSS may provide airport advisories on the tower frequency when tower is closed.

c. 122.1 is the primary receive–only frequency at VOR's.

d. Some FSS's are assigned 50 kHz frequencies in the 122–126 MHz band (eg. 122.45). Pilots using the FSS A/G system should refer to this directory or appropriate charts to determine frequencies available at the FSS or remoted facility through which they wish to communicate.

Emergency frequency 121.5 and 243.0 are available at all Flight Service Stations, most Towers, Approach Control and RADAR facilities.

Frequencies published followed by the letter "T" or "R", indicate that the facility will only transmit or receive respectively on that frequency. All radio aids to navigation (NAVAID) frequencies are transmit only. In cases where communications frequencies are annotated with (R) or (E), (R) indicates Radar Capability and (E) indicates Emergency Frequency.

TERMINAL SERVICES

SFA—Single Frequency Approach.

CTAF—A program designed to get all vehicles and aircraft at airports without an operating control tower on a common frequency.

ATIS—A continuous broadcast of recorded non–control information in selected terminal areas.

D–ATIS—Digital ATIS provides ATIS information in text form outside the standard reception range of conventional ATIS via landline & data link communications and voice message within range of existing transmitters.

AUNICOM—Automated UNICOM is a computerized, command response system that provides automated weather, radio check capability and airport advisory information selected from an automated menu by microphone clicks.

UNICOM—A non–government air/ground radio communications facility which may provide airport information.

PTD—Pilot to Dispatcher.

APP CON—Approach Control. The symbol Ⓡ indicates radar approach control.

TOWER—Control tower.

GCA—Ground Control Approach System.

GND CON—Ground Control.

GCO—Ground Communication Outlet—An unstaffed, remotely controlled, ground/ground communications facility. Pilots at uncontrolled airports may contact ATC and FSS via VHF to a telephone connection to obtain an instrument clearance or close a VFR or IFR flight plan. They may also get an updated weather briefing prior to takeoff. Pilots will use four "key clicks" on the VHF radio to contact the appropriate ATC facility or six "key clicks" to contact the FSS. The GCO system is intended to be used only on the ground.

DEP CON—Departure Control. The symbol Ⓡ indicates radar departure control.

CLNC DEL—Clearance Delivery.

CPDLC—Controller Pilot Data Link Communication. FANS ATC data communication capability from the aircraft to the ATC Data Link system.

PDC—Pre-Departure Clearance. ACARS-based clearance delivery capability from tower to gate printer or aircraft.

PRE TAXI CLNC—Pre taxi clearance.

VFR ADVSY SVC—VFR Advisory Service. Service provided by Non–Radar Approach Control. Advisory Service for VFR aircraft (upon a workload basis) ctc APP CON.

COMD POST—Command Post followed by the operator call sign in parenthesis.

PMSV—Pilot–to–Metro Service call sign, frequency and hours of operation, when full service is other than continuous. PMSV installations at which weather observation service is available shall be indicated, following the frequency and/or hours of operation as "Wx obsn svc 1900–0000Z‡" or "other times" may be used when no specific time is given. PMSV facilities manned by forecasters are considered "Full Service". PMSV facilities manned by weather observers are listed as "Limited Service".

OPS—Operations followed by the operator call sign in parenthesis.

CON

RANGE

FLT FLW—Flight Following

MEDIVAC

NOTE: Communication frequencies followed by the letter "X" indicate frequency available on request.

㉚ AIRSPACE

Information concerning Class B, C, and part–time D and E surface area airspace shall be published with effective times, if available.

CLASS B—Radar Sequencing and Separation Service for all aircraft in CLASS B airspace.

CLASS C—Separation between IFR and VFR aircraft and sequencing of VFR arrivals to the primary airport.

TRSA—Radar Sequencing and Separation Service for participating VFR Aircraft within a Terminal Radar Service Area.

Class C, D, and E airspace described in this publication is that airspace usually consisting of a 5 NM radius core surface area that begins at the surface and extends upward to an altitude above the airport elevation (charted in MSL for Class C and Class D). Class E surface airspace normally extends from the surface up to but not including the overlying controlled airspace.

When part–time Class C or Class D airspace defaults to Class E, the core surface area becomes Class E. This will be formatted as:
AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS E:
or
AIRSPACE: CLASS D svc "times" other times CLASS E.

When a part–time Class C, Class D or Class E surface area defaults to Class G, the core surface area becomes Class G up to, but not including, the overlying controlled airspace. Normally, the overlying controlled airspace is Class E airspace beginning at either 700´ or 1200´ AGL and may be determined by consulting the relevant VFR Sectional or Terminal Area Charts. This will be formatted as:
AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS G
or
AIRSPACE: CLASS D svc "times" other times CLASS G
or
AIRSPACE: CLASS E svc "times" other times CLASS G

NOTE: AIRSPACE SVC "TIMES" INCLUDE ALL ASSOCIATED ARRIVAL EXTENSIONS. Surface area arrival extensions for instrument approach procedures become part of the primary core surface area. These extensions may be either Class D or Class E airspace and are effective concurrent with the times of the primary core surface area. For example, when a part–time Class C, Class D or Class E surface area defaults to Class G, the associated arrival extensions will default to Class G at the same time. When a part–time Class C or Class D surface area defaults to Class E, the arrival extensions will remain in effect as Class E airspace.

NOTE: CLASS E AIRSPACE EXTENDING UPWARD FROM 700 FEET OR MORE ABOVE THE SURFACE, DESIGNATED IN CONJUNCTION WITH AN AIRPORT WITH AN APPROVED INSTRUMENT PROCEDURE.
Class E 700´ AGL (shown as magenta vignette on sectional charts) and 1200´ AGL (blue vignette) areas are designated when necessary to provide controlled airspace for transitioning to/from the terminal and enroute environments. Unless otherwise specified, these 700´/1200´ AGL Class E airspace areas remain in effect continuously, regardless of airport operating hours or surface area status. These transition areas should not be confused with surface areas or arrival extensions.

(See Chapter 3, AIRSPACE, in the Aeronautical Information Manual for further details)

㉛ VOR TEST FACILITY (VOT)

The VOT transmits a signal which provided users a convenient means to determine the operational status and accuracy of an aircraft VOR receiver while on the ground. Ground based VOTs and the associated frequency shall be shown when available. VOTs are also shown with identifier, frequency and referenced remarks in the VOR Receiver Check section in the back of this publication.

㉜ RADIO AIDS TO NAVIGATION

The Airport/Facility Directory section of the Chart Supplement lists, by facility name, all Radio Aids to Navigation that appear on FAA, Aeronautical Information Services Visual or IFR Aeronautical Charts and those upon which the FAA has approved an Instrument Approach Procedure, with exception of selected TACANs. All VOR, VORTAC, TACAN and ILS equipment in the National Airspace System has an automatic monitoring and shutdown feature in the event of malfunction. Unmonitored, as used in this publication, for any navigational aid, means that monitoring personnel cannot observe the malfunction or shutdown signal. The NAVAID NOTAM file identifier will be shown as "NOTAM FILE IAD" and will be listed on the Radio Aids to Navigation line. When two or more NAVAIDS are listed and the NOTAM file identifier is different from that shown on the Radio Aids to Navigation line, it will be shown with the NAVAID listing. NOTAM file identifiers for ILSs and its components (e.g., NDB (LOM) are the same as the associated airports and are not repeated. Automated Surface Observing System (ASOS) and Automated Weather Observing System (AWOS) will be shown when this service is broadcast over selected NAVAIDs.

NAVAID information is tabulated as indicated in the following sample:

NAVAIDs with Single SSV (VOR, DME, TACAN, NDB, NDB/DME)

Class

NAME (L) VORW 117.55 ABE N40°43.60' W75°27.30' 180° 4.1 NM to fld. 1110/8E

NAVAIDs with Two SSVs (VOR/DME, VORTAC)

SSV for each component shown in paired parentheses with the VOR SSV shown first followed by the DME or TACAN SSV.

TACAN/DME Channel — Geographical Position — Site Elevation — Magnetic Variation

NAME (VL) (L) ABVORTAC 117.55 ABE Chan 122(Y) N40°43.60' W75°27.30' 180° 4.1 NM to fld. 1110/8E **AWOS**

Classes — Frequency — Identifier — Bearing and distance facility to center of airport — Automated Weather Observing System

VOR unusable 020°–060° byd 26 NM blo 3,500'

Restriction within the normal altitude/range of the navigational aid
(See primary alphabetical listing for restrictions on VORTAC and VOR/DME).

Note: Those DME channel numbers with a (Y) suffix require TACAN to be placed in the "Y" mode to receive distance information.

ASR/PAR—Indicates that Surveillance (ASR) or Precision (PAR) radar instrument approach minimums are published in the U.S. Terminal Procedures. Only part–time hours of operation will be shown.

RADIO CLASS DESIGNATIONS

VOR/DME/TACAN Standard Service Volume (SSV) Classifications

SSV Class	Altitudes	Distance (NM)
(T) Terminal	1000´ to 12,000´	25
(L) Low Altitude	1000´ to 18,000´	40
(H) High Altitude	1000´ to 14,500´	40
	14,500´ to 18,000´	100
	18,000´ to 45,000´	130
	45,000´ to 60,000´	100
(VL) VOR Low	1000´ to 5,000´	40
	5,000´ to 18,000´	70
(VH) VOR High	1000´ to 5,000´	40
	5,000´ to 14,500´	70
	14,500´ to 18,000´	100
	18,000´ to 45,000´	130
	45,000´ to 60,000´	100
(DL) DME Low & (DH) DME High*	1000´ to 12,900´	40 increasing to 130
(DL) DME Low	12,900´ to 18,000´	130
(DH) DME High	12,900´ to 45,000´	130
	45,000´ to 60,000´	100

*Between 1000´ to 12,900´, DME service volume follows a parabolic curve used by flight management computers.

NOTES: Additionally, High Altitude facilities provide Low Altitude and Terminal service volume and Low Altitude facilities provide Terminal service volume. Altitudes are with respect to the station's site elevation. Coverage is not available in a cone of airspace directly above the facility. In some cases local conditions (terrain, buildings, trees, etc.) may require that the service volume be restricted. The public shall be informed of any such restriction by a remark in the NAVAID entry in this publication or by a Notice to Airmen (NOTAM).

The term VOR is, operationally, a general term covering the VHF omnidirectional bearing type of facility without regard to the fact that the power, the frequency protected service volume, the equipment configuration, and operational requirements may vary between facilities at different locations.

AB	Automatic Weather Broadcast.
DF	Direction Finding Service.
DME	UHF standard (TACAN compatible) distance measuring equipment.
DME(Y)	UHF standard (TACAN compatible) distance measuring equipment that require TACAN to be placed in the "Y" mode to receive DME.
GS	Glide slope.
H	Non–directional radio beacon (homing), power 50 watts to less than 2,000 watts (50 NM at all altitudes).
HH	Non–directional radio beacon (homing), power 2,000 watts or more (75 NM at all altitudes).
H–SAB	Non–directional radio beacons providing automatic transcribed weather service.
ILS	Instrument Landing System (voice, where available, on localizer channel).
IM	Inner marker.
LDA	Localizer Directional Aid.
LMM	Compass locator station when installed at middle marker site (15 NM at all altitudes).
LOM	Compass locator station when installed at outer marker site (15 NM at all altitudes).
MH	Non–directional radio beacon (homing) power less than 50 watts (25 NM at all altitudes).
MM	Middle marker.
OM	Outer marker.
S	Simultaneous range homing signal and/or voice.
SABH	Non–directional radio beacon not authorized for IFR or ATC. Provides automatic weather broadcasts.
SDF	Simplified Direction Facility.
TACAN	UHF navigational facility–omnidirectional course and distance information.
VOR	VHF navigational facility–omnidirectional course only.
VOR/DME	Collocated VOR navigational facility and UHF standard distance measuring equipment.
VORTAC	Collocated VOR and TACAN navigational facilities.
W	Without voice on radio facility frequency.
Z	VHF station location marker at a LF radio facility.

ILS FACILITY PERFORMANCE CLASSIFICATION CODES

Codes define the ability of an ILS to support autoland operations. The two portions of the code represent Official Category and farthest point along a Category I, II, or III approach that the Localizer meets Category III structure tolerances.

Official Category: I, II, or III; the lowest minima on published or unpublished procedures supported by the ILS.

Farthest point of satisfactory Category III Localizer performance for Category I, II, or III approaches: A – 4 NM prior to runway threshold, B – 3500 ft prior to runway threshold, C – glide angle dependent but generally 750–1000 ft prior to threshold, T – runway threshold, D – 3000 ft after runway threshold, and E – 2000 ft prior to stop end of runway.

ILS information is tabulated as indicated in the following sample:

ILS/DME 108.5 I–ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.

ILS Facility Performance Classification Code

FREQUENCY PAIRING TABLE

VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL
108.10	18X	108.55	22Y	111.05	47Y	114.85	95Y
108.30	20X	108.65	23Y	111.15	48Y	114.95	96Y
108.50	22X	108.75	24Y	111.25	49Y	115.05	97Y
108.70	24X	108.85	25Y	111.35	50Y	115.15	98Y
108.90	26X	108.95	26Y	111.45	51Y	115.25	99Y
109.10	28X	109.05	27Y	111.55	52Y	115.35	100Y
109.30	30X	109.15	28Y	111.65	53Y	115.45	101Y
109.50	32X	109.25	29Y	111.75	54Y	115.55	102Y
109.70	34X	109.35	30Y	111.85	55Y	115.65	103Y
109.90	36X	109.45	31Y	111.95	56Y	115.75	104Y
110.10	38X	109.55	32Y	113.35	80Y	115.85	105Y
110.30	40X	109.65	33Y	113.45	81Y	115.95	106Y
110.50	42X	109.75	34Y	113.55	82Y	116.05	107Y
110.70	44X	109.85	35Y	113.65	83Y	116.15	108Y
110.90	46X	109.95	36Y	113.75	84Y	116.25	109Y
111.10	48X	110.05	37Y	113.85	85Y	116.35	110Y
111.30	50X	110.15	38Y	113.95	86Y	116.45	111Y
111.50	52X	110.25	39Y	114.05	87Y	116.55	112Y
111.70	54X	110.35	40Y	114.15	88Y	116.65	113Y
111.90	56X	110.45	41Y	114.25	89Y	116.75	114Y
108.05	17Y	110.55	42Y	114.35	90Y	116.85	115Y
108.15	18Y	110.65	43Y	114.45	91Y	116.95	116Y
108.25	19Y	110.75	44Y	114.55	92Y	117.05	117Y
108.35	20Y	110.85	45Y	114.65	93Y	117.15	118Y
108.45	21Y	110.95	46Y	114.75	94Y	117.25	119Y

FREQUENCY PAIRING TABLE

The following is a list of paired VOR/ILS VHF frequencies with TACAN channels.

TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY
2X	134.50	43X	110.60	72X	112.50	101X	115.40
2Y	134.55	43Y	110.65	72Y	112.55	101Y	115.45
11X	135.40	44X	110.70	73X	112.60	102X	115.50
11Y	135.45	44Y	110.75	73Y	112.65	102Y	115.55
12X	135.50	45X	110.80	74X	112.70	103X	115.60
12Y	135.55	45Y	110.85	74Y	112.75	103Y	115.65
17X	108.00	46X	110.90	75X	112.80	104X	115.70
17Y	108.05	46Y	110.95	75Y	112.85	104Y	115.75
18X	108.10	47X	111.00	76X	112.90	105X	115.80
18Y	108.15	47Y	111.05	76Y	112.95	105Y	115.85
19X	108.20	48X	111.10	77X	113.00	106X	115.90
19Y	108.25	48Y	111.15	77Y	113.05	106Y	115.95
20X	108.30	49X	111.20	78X	113.10	107X	116.00
20Y	108.35	49Y	111.25	78Y	113.15	107Y	116.05
21X	108.40	50X	111.30	79X	113.20	108X	116.10
21Y	108.45	50Y	111.35	79Y	113.25	108Y	116.15
22X	108.50	51X	111.40	80X	113.30	109X	116.20
22Y	108.55	51Y	111.45	80Y	113.35	109Y	116.25
23X	108.60	52X	111.50	81X	133.40	110X	116.30
23Y	108.65	52Y	111.55	81Y	113.45	110Y	116.35
24X	108.70	53X	111.60	82X	113.50	111X	116.40
24Y	108.75	53Y	111.65	82Y	113.55	111Y	116.45
25X	108.80	54X	111.70	83X	113.60	112X	116.50
25Y	108.85	54Y	111.75	83Y	113.65	112Y	116.55
26X	108.90	55X	111.80	84X	113.70	113X	116.60
26Y	108.95	55Y	111.85	84Y	113.75	113Y	116.65
27X	109.00	56X	111.90	85X	113.80	114X	116.70
27Y	109.05	56Y	111.95	85Y	113.85	114Y	116.75
28X	109.10	57X	112.00	86X	113.90	115X	116.80
28Y	109.15	57Y	112.05	86Y	113.95	115Y	116.85
29X	109.20	58X	112.10	87X	114.00	116X	116.90
29Y	109.25	58Y	112.15	87Y	114.05	116Y	116.95
30X	109.30	59X	112.20	88X	114.10	117X	117.00
30Y	109.35	59Y	112.25	88Y	114.15	117Y	117.05
31X	109.40	60X	133.30	89X	114.20	118X	117.10
31Y	109.45	60Y	133.35	89Y	114.25	118Y	117.15
32X	109.50	61X	133.40	90X	114.30	119X	117.20
32Y	109.55	61Y	133.45	90Y	114.35	119Y	117.25
33X	109.60	62X	133.50	91X	114.40	120X	117.30
33Y	109.65	62Y	133.55	91Y	114.45	120Y	117.35
34X	109.70	63X	133.60	92X	114.50	121X	117.40
34Y	109.75	63Y	133.65	92Y	114.55	121Y	117.45
35X	109.80	64X	133.70	93X	114.60	122X	117.50
35Y	109.85	64Y	133.75	93Y	114.65	122Y	117.55
36X	109.90	65X	133.80	94X	114.70	123X	117.60
36Y	109.95	65Y	133.85	94Y	114.75	123Y	117.65
37X	110.00	66X	133.90	95X	114.80	124X	117.70
37Y	110.05	66Y	133.95	95Y	114.85	124Y	117.75
38X	110.10	67X	134.00	96X	114.90	125X	117.80
38Y	110.15	67Y	134.05	96Y	114.95	125Y	117.85
39X	110.20	68X	134.10	97X	115.00	126X	117.90
39Y	110.25	68Y	134.15	97Y	115.05	126Y	117.95
40X	110.30	69X	134.20	98X	115.10		
40Y	110.35	69Y	134.25	98Y	115.15		
41X	110.40	70X	112.30	99X	115.20		
41Y	110.45	70Y	112.35	99Y	115.25		
42X	110.50	71X	112.40	100X	115.30		
42Y	110.55	71Y	112.45	100Y	115.35		

(33) **COMM/NAV/WEATHER REMARKS:** These remarks consist of pertinent information affecting the current status of communications, NAVAIDs, weather, and in the absence of air-ground radio outlets identified in the Communications section some approach control facilities will have a clearance delivery phone number listed here.

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BRADLEY INTL (See WINDSOR LOCKS on page 43)

BRADLEY N41°55.83′ W72°41.99′ NOTAM FILE BDL. **NEW YORK**

(L) DME 117.05 BYT Chan 117(Y) at Bradley Intl. 169.

DME unusable:

001°–084° byd 20 NM blo 12,000′
080°–085° byd 13 NM blo 4,000′
085°–095° byd 20 NM blo 9,000′
096°–129° byd 20 NM blo 9,000′
130°–185° byd 20 NM blo 12,000′
165°–175° byd 15 NM blo 4,000′
186°–224° byd 20 NM blo 12,000′
225°–270° byd 20 NM blo 9,000′
271°–314° byd 20 NM blo 12,000′

BRIDGEPORT/SIKORSKY (BDR)(KBDR) 3 SE UTC–5(–4DT) N41°09.81′ W73°07.57′ **NEW YORK**

9 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE BDR **COPTER**

RWY 11–29: H4759X150 (ASPH) S–30, D–108, 2S–137 PCR 278 F/B/X/U HIRL No Part 121/Part 380 Ops **L–33B, 34I**

RWY 11: REIL. PAPI(P4R)—GA 3.5° TCH 40′. Trees. **IAP, AD**

RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 55′. Thld dsplcd 364′. Road. Rgt tfc.

RWY 06–24: H4677X100 (ASPH–GRVD) S–57, D–80, 2S–135 PCR 278 F/B/X/U HIRL No Part 121/Part 380 Ops

RWY 06: REIL. PAPI(P4R)—GA 3.0° TCH 51′. Road.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 52′. Thld dsplcd 320′. Road.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 06	11–29	3700
RWY 11	06–24	3350

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA–4677 TODA–4677 ASDA–4677 LDA–4677
RWY 11: TORA–4759 TODA–4759 ASDA–4759 LDA–4759
RWY 24: TORA–4677 TODA–4677 ASDA–4677 LDA–4357
RWY 29: TORA–4759 TODA–4759 ASDA–4759 LDA–4395

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** When ATCT clsd, ACTVT REIL Rwy 06 and 24, 11 and 29; PAPI Rwy 06, 11 and 29; HIRL Rwy 06–24 and 11–29 —CTAF.

AIRPORT REMARKS: Attended 1100–0500Z‡. Birds and wildlife frequently on and invof arpt. 120′ pole .75 NM south of arpt unlgtd. PAEW adjacent to all operational sfcs dalgt hrs Apr through Oct. There may be standing water adjacent to all sfcs. Uneven sfcs Rwy 29 safety area apch end left side. Extensive helicopter ops blw 10,000 ft 5–15 miles NW thru NE, for tfc information when invof arpt ctc Sikorsky ops on 133.6 (1200–2130Z‡). Rwy 29 clsd to takeoff acft more than 45,000 lb exc 30 min PPR 203–576–7497. Avoid overflying residential areas NE and SE of arpt. Departing Rwy 24 avoid turns until 1/2 mile byd shoreline. TPA—1009(1000) for single engine acft, 1509(1500) all others. When winds are less than 5 kts requested use of Rwy 11 or Rwy 29. When the twr is clsd all engine runups are prohibited. However, if an acft rqrs nighttime engine maintenance, PPR from arpt manager is rqrd and the runups are to be performed on Twy G between Twy J and Twy K. Pilots are advised to use care in positioning their acft to prevent damage from prop wash to afld sign. Rwy 06–24 and Rwy 11–29, 90 day PPR for unsked ACR ops gtr than 30 pax seats–call amgr. Prkg fee all acft aft 2 hrs. Ldg fee all acft exc solo students. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 203-576-8163

WEATHER DATA SOURCES: ASOS 119.15 (203) 881–6680.

COMMUNICATIONS: CTAF 120.9 **ATIS** 119.15 **UNICOM** 123.0

Ⓡ **NEW YORK APP/DEP CON** 124.075 **CLNC DEL** 124.075 (when BDR twr clsd)

BRIDGEPORT TOWER 120.9 (1130–0300Z‡) **GND CON** 121.75 **CLNC DEL** 121.75

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch at 516-683-2449 or 124.075

AIRSPACE: CLASS D svc 1130–0300Z‡; other times CLASS G.

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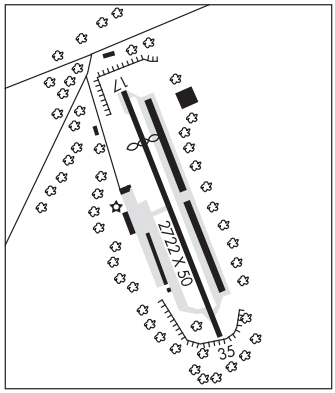
VOR TEST FACILITY (VOT) 109.25
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
(L) (L) VORW/DME 108.8 BDR Chan 25 N41º09.64´ W73º07.47´ at fld. 6/12W.
VOR unusable:
106º–120º byd 30 NM blo 2,500´
121º–130º byd 15 NM blo 3,000´
161º–180º byd 30 NM blo 1,300´
181º–260º byd 30 NM blo 2,500´
261º–359º byd 30 NM blo 5,500´
360º–105º byd 30 NM blo 3,000´
DME unusable:
106º–120º byd 30 NM blo 2,500´
121º–130º byd 30 NM blo 2,200´
161º–180º byd 30 NM blo 1,300´
181º–260º byd 30 NM blo 2,500´
261º–359º byd 30 NM blo 5,500´
360º–105º byd 30 NM blo 3,000´
ILS/DME 110.7 I–BDR Chan 44 Rwy 06. LOC unusable ovr thr abv 1,000´; byd 5.5 NM abv 3,000´.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

BRIDGEPORT N41º09.64´ W73º07.47´ NOTAM FILE BDR. **NEW YORK**
H–10I, L–33B, 34I
(L) (L) VORW/DME 108.8 BDR Chan 25 at Bridgeport/Sikorsky. 6/12W.
VOR unusable:
106º–120º byd 30 NM blo 2,500´
121º–130º byd 15 NM blo 3,000´
161º–180º byd 30 NM blo 1,300´
181º–260º byd 30 NM blo 2,500´
261º–359º byd 30 NM blo 5,500´
360º–105º byd 30 NM blo 3,000´
DME unusable:
106º–120º byd 30 NM blo 2,500´
121º–130º byd 30 NM blo 2,200´
161º–180º byd 30 NM blo 1,300´
181º–260º byd 30 NM blo 2,500´
261º–359º byd 30 NM blo 5,500´
360º–105º byd 30 NM blo 3,000´
RCO 122.2 (BRIDGEPORT RADIO)

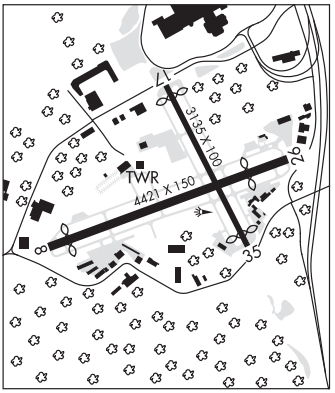
CANDLELIGHT FARMS (See NEW MILFORD on page 39)

CANDLELIGHT HELIPORT (See NEW MILFORD on page 39)

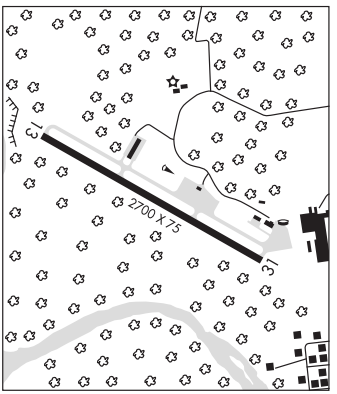
CHESTER (SNC)(KSNC) 3 SW UTC–5(–4DT) N41º23.02´ W72º30.35´ **NEW YORK**
416 B NOTAM FILE SNC **L–33C, 34I**
RWY 17–35: H2722X50 (ASPH) S–8.5 MIRL 0.5% up S **IAP**
RWY 17: REIL. Thld dsplcd 559´. Tree.
RWY 35: REIL.
SERVICE: S4 **FUEL** 100LL **LGT** SS–SR. Rotating bcn opr 24 hrs.
AIRPORT REMARKS: Attended Apr–Oct 1400–0100Z‡, Nov–Mar 1400–2300Z‡. Self svc fuel avbl with credit card. Rwy 17 dsplcd thld marked but not lgtd, dsplcd thld 5´ higher than end of rwy. Rwy 17–35 non–std MIRL fixtures/cones.
AIRPORT MANAGER: 860-718-2109
WEATHER DATA SOURCES: AWOS–3 118.325 (860) 526–1551.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **NEW YORK APP/DEP CON** 124.075
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MADISON (L) (L) VORW/DME 110.4 MAD Chan 41 N41º18.83´ W72º41.53´ 077º 9.4 NM to fld. 216/13W.
DME unusable:
330º–090º byd 30 NM blo 4,000´



DANBURY MUNI (DXR)(KDXR) 3 SW UTC–5(–4DT) N41°22.29′ W73°28.93′ **NEW YORK**
457 B TPA—See Remarks NOTAM FILE DXR **L–33B, 34I**
RWY 08–26: H4421X150 (ASPH–GRVD) S–38, D–70, 2S–90 MIRL **IAP, AD**
RWY 08: REIL. Thld dsplcd 367′. Trees.
RWY 26: REIL. Thld dsplcd 734′. Trees.
RWY 17–35: H3135X100 (ASPH) S–50, D–65, 2S–82
RWY 17: Thld dsplcd 223′. Pole.
RWY 35: Thld dsplcd 231′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** When twr clsd, ACTVT REIL Rwy 08 and Rwy 26 and MIRL Rwy 08–26—CTAF.
NOISE: Noise abatement procs in efct, Rwy 17 SR–SS. Depg Rwy 17, extd rwy hdg byd Lake Waubeeka Community bfr turning crosswind.
AIRPORT REMARKS: Attended 1200Z‡–dusk. Deer and birds on and invof arpt. Rwy 17–35 CLOSED ngts. Cond unmnt 2130–1230Z‡ Mon–Fri and wkends. Prohibited to ultralight and unregistered acft. Intersection tkfs, stop and go tkfs not authorized. Acft using Rwy 35 not visible from twr descending below 1300′ on base leg until approaching 1/2 mile final due to natural terrain. TPA—1700 (1243), 2200 (1743) Turboprop/Jet. PPR for formation tkf/ldg, ctc arpt manager. Rotating bcn located one mile south of arpt on top of a hill.
AIRPORT MANAGER: 203-797-4624
WEATHER DATA SOURCES: ASOS 127.75 (203) 791–8227. LAWRS.
COMMUNICATIONS: CTAF 119.4 **ATIS** 127.75 **UNICOM** 122.95
Ⓡ **NEW YORK APP/DEP CON** 126.4
TOWER 119.4 (1200–0300Z‡) **GND CON** 121.6 **CLNC DEL** 128.6 (When DXR twr clsd)
AIRSPACE: CLASS D svc 1200–0300Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
CARMEL (L) (L) VORW/DME 116.6 CMK Chan 113 N41°16.81′ W73°34.88′ 051° 7.1 NM to fld. 693/12W.
VOR unusable:
001°–155°
195°–225°
245°–270°
325°–355°
DME unusable:
000°–015° byd 20 NM
034°–054° byd 20 NM
055°–135° byd 20 NM blo 5,000′
180°–200°
340°–359° byd 20 NM blo 6,000′
LOC/DME 111.55 I–DXR Chan 52(Y) Rwy 08. LOC unmonitored when ATCT clsd. Localizer offset angle 3.00 deg. LOC unusable byd 20° right side of course. DME unusable byd 10 NM; and 10° right of course and byd 20° left of course.



DANIELSON (LZD)(KLZD) 2 NW UTC–5(–4DT) N41°49.19′ W71°54.06′ **NEW YORK**
238 B NOTAM FILE BDR **L–33C, 34J**
RWY 13–31: H2700X75 (ASPH) S–29 MIRL **IAP**
RWY 13: Tree.
RWY 31: REIL. Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REIL Rwy 31; MIRL Rwy 13–31—CTAF.
AIRPORT REMARKS: Unattended. Parachute Jumping. Extsv PAJA SR–SS May–Oct. Deer on & invof arpt. Self svc fuel, credit card rqrd: Visa, Mastercard. Ldg fee for business, corporate & revenue producing acft.
AIRPORT MANAGER: 860-982-2443
WEATHER DATA SOURCES: AWOS–3 119.125 (860) 779–7251.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **PROVIDENCE APP/DEP CON** 123.675 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc
BOSTON CENTER APP/DEP CON 124.85
CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
PUTNAM (H) (H) VORW/DME 117.4 PUT Chan 121 N41°57.33′ W71°50.65′ 211° 8.5 NM to fld. 652/14W.
DME unusable:
265°–301° byd 36 NM blo 3,000′



EAST HADDAM

GOODSPEED (42B) 1 SE UTC–5(–4DT) N41°26.74′ W72°27.34′ **NEW YORK**
9 NOTAM FILE BDR
RWY 14–32: H2120X50 (ASPH) S–8 LIRL
RWY 32: Trees.
SERVICE: S4 **LGT** Arpt lgts opr 24 hrs.
AIRPORT REMARKS: Unattended. Caution deer, birds and waterfowl on and invof arpt. Parl turf twy mkd with yellow cones. May be soft when wet or aft rain. Seaplane dock and ramp. Overnight parking fee. Ldg fee.
AIRPORT MANAGER: (860) 615-9068
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449.

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WATERWAY 16W–34W: 4500X1000 (WATER)
WATERWAY 16W: Bridge.
WATERWAY 34W: Hill.

ELLINGTON (7B9) 2 N UTC–5(–4DT) N41°55.53′ W72°27.43′ **NEW YORK**
253 NOTAM FILE BDR
RWY 01–19: H1800X50 (ASPH) S–9 RWY LGTS(NSTD)
RWY 01: Trees.
RWY 19: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** Non–std LIRL opr dusk–0500Z‡, for lgts aft 0500Z‡ call 860–871–2054 durg bus hrs. Rwy 01–19 non–std LIRL due to spacing, thr lgts outboard of rwy.
AIRPORT REMARKS: Attended 1300–2300Z‡. Parachute Jumping. Extensive helicopter training ops. Acft tfc pat on E side of arpt only. Hel tfc pat on W side of arpt only. Twy pavement failed, extsv cracking, patches, loose aggregate and sml stones. Rwy 01 mkgs faded. Rwy 19 mkgs faded.
AIRPORT MANAGER: 860-614-1854
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.

FARMINGTON CT71 N41°42.54′ W72°48.13′/363 **NEW YORK**
AWOS–AV 129.825 AWOS–AV wx bcst on 129.825 (3 mic clicks). **L–33C, 34I**

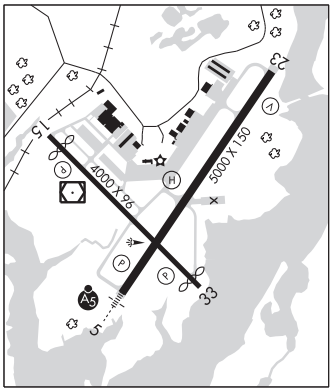
GOODSPEED (See EAST HADDAM on page 35)

GROTON (NEW LONDON)

GROTON–NEW LONDON (GON)(KGON) P (ARNG) 3 SE UTC–5(–4DT) N41°19.80´ W72°02.71´
9 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE GON

NEW YORK
H–10I, 12K, L–33C, 34I
IAP, AD

RWY 05–23: H5000X150 (ASPH–GRVD) S–90, D–113, 2S–143, 2D–200 PCR 1750 F/A/X/T HIRL
RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 40´. RVR–T
RWY 23: REIL. VASI(V4L)—GA 3.0° TCH 49´. RVR–R Tree.
RWY 15–33: H4000X96 (ASPH–GRVD) S–90, D–113, 2S–143 PCR 1750 F/A/X/T HIRL
RWY 15: PAPI(P4R)—GA 4.0° TCH 45´. Thld dsplcd 307´. Tree.
RWY 33: REIL. PAPI(P4L)—GA 3.75° TCH 34´. Thld dsplcd 205´. Trees.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
RWY 15: TORA–4000 TODA–4000 ASDA–3798 LDA–3491
RWY 23: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
RWY 33: TORA–4000 TODA–4000 ASDA–3871 LDA–3666

ARRESTING GEAR/SYSTEM
RWY 05: EMAS
RWY 23: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** When ATCT clsd ACTVT HIRL MALSR Rwy 05; HIRL Rwys 05–23 and 15–33—CTAF. **MILITARY— A–GEAR** Rwy 05 EMAS 130´ x 162´. Rwy 23 EMAS 340´ x 162´. **FUEL** (NC–100LL, A. After hr fuel, call before 0200Z‡ day of arr C860–715–8800.)

NOISE: Noise abatement procs in effect are as flws: Rwy 05: turn left hdg 020° til rchg 1000´, then on crs; Rwy 23: turn left hdg 210° til rchg 1000´, then on crs; Rwy 33: fly rwy hdg until rchg 1000´, then on crs.

AIRPORT REMARKS: Attended 1100–1900Z‡. Deer, birds and waterfowl on and invof arpt. For fuel after hrs call before 2100 lcl day of arr, 860–715–8800. Cond not mnt fm 1900–1100Z‡, Mon–Sun. Tran pilots at general aviation ramp exit and re–enter arpt via pilot pedestrian gate adjacent to main terminal with posted gate lock combination. This gate is lgtd with electronic surveillance 24 hrs a day. Clsd to unscheduled air carrier ops with more than 30 pax seats exc 48 hr PPR call 860–250–4701. No touch and go ops are permitted btn 0300–1100Z‡. Practice apchs/full–stop/touch and go ldgs prohibited by pure jet acft and acft weighing 12,500 lbs and over exc by written apvl from the Connecticut Arpt Authority. TPA—1009 (1000) lgt acft, 1509 (1500) all turbine powered acft. Terminal aerodrome forecast svc avbl. Ldg fee for business, corporate and revenue producing acft. Flight Notification Service (ADCUS) avbl. U.S. Customs svc avbl with 6 hr PPR call Mon–Fri 1300–2100Z‡ on 203–773–2040 (or toll free in the U.S. 1–800–973–2867) and from Canada 407–975–1740. Call before 2000Z‡ on Fri for weekend or holiday svc requests.

AIRPORT MANAGER: 860-841-9664

WEATHER DATA SOURCES: ASOS 127.0 (860) 449–8921. LAWRS.

COMMUNICATIONS: CTAF 125.6 **ATIS** 127.0
Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (Sun–Fri 1030–0530Z‡ Sat 1030–0500Z‡ other times ctc)
Ⓡ **BOSTON CENTER APP/DEP CON** 124.85
TOWER 125.6 (1200–0300Z‡) **GND CON** 121.65 **CLNC DEL** 121.65 119.85

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

AIRSPACE: CLASS D svc 1200–0300Z‡; other times CLASS G.

VOR TEST FACILITY (VOT) 110.25

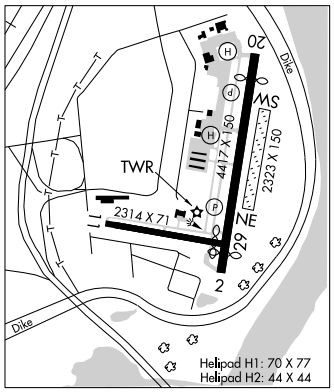
RADIO AIDS TO NAVIGATION: NOTAM FILE GON.
(T) (T) VORW/DME 110.85 GON Chan 45(Y) N41°19.82´ W72°03.12´ at fld. 9/14W.
VOR portion unusable:
241°–265° blo 5,000´
DME unusable:
355°–019° blo 3,000´
ILS/DME 111.3 I–GON Chan 50 Rwy 05. Class IT. Unmonitored when ATCT closed.

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HELIPAD H1: H45X45 (ASPH)

GROTON–NEW LONDON (See GROTON (NEW LONDON) on page 36)

HARTFORD–BRAINARD (HFD)(KHFD) 3 SE UTC–5(–4DT) N41°44.20´ W72°38.97´ **NEW YORK**
18 B NOTAM FILE HFD **L–33C, 34I**
RWY 02–20: H4417X150 (ASPH–GRVD) S–30, D–43, 2D–70 HIRL **IAP, AD**
RWY 02: REIL. PAPI(P4L)—GA 3.5° TCH 37´. Thld dsplcd 411´. Trees.
RWY 20: REIL. PAPI(P4R)—GA 4.0° TCH 58´. Thld dsplcd 560´. Trees.
RWY NE–SW: 2323X150 (TURF)
RWY NE: Trees.
RWY SW: Trees.
RWY 11–29: H2314X71 (ASPH) S–10 HIRL
RWY 11: Trees.
RWY 29: Thld dsplcd 265´. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** When ATCT clsd, ACTVT REIL Rwys 02 and 20; HIRL Rwy 02–20—CTAF. PAPI Rwy 02 and Rwy 20 opr consly. Rwy 20 PAPI unusbl byd 7 degs L of RCL.
NOISE: Arpt located in noise sensitive area. Populated areas to south and west should be avoided. Apch/depart over river when possible. See Brainard twr letters to Airmen.
AIRPORT REMARKS: Attended Apr–Nov 1200–0200Z‡, Dec–Mar 1200–0000Z‡. Birds and deer on and invof airport. Caution HFD is lctd on W side of river. CLSD arpt 1 mile ENE of HFD on E side of river. Turf Rwy NE–SW clsd during winter months from Nov 2 to Apr 30 exc for ski–equipped acft and helicopter training. Arpt clsd to air carrier ops. Voluntary compliance requested, no touch and go ldg and practice instrument apch Mon–Sat 0300–1100Z‡ and Sun 0300–1400Z‡. Ldg fee for business, corporate and revenue producing acft.
AIRPORT MANAGER: 860-982-2443
WEATHER DATA SOURCES: ASOS (860) 952–9954 LAWRS.
COMMUNICATIONS: CTAF 119.6 **ATIS** 126.45 860–246–5929 **UNICOM** 122.95
Ⓡ **BRADLEY APP/DEP CON** 127.8
TOWER 119.6 (1100–0500Z‡) **GND CON** 121.6 **CLNC DEL** 121.6 121.6
CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Bradley Apch 860-386-3597.
AIRSPACE: CLASS D svc 1100–0500Z‡; other times CLASS G.
VOR TEST FACILITY (VOT) 108.2
RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.
(L) (L) VORW/DME 114.9 HFD Chan 96 N41°38.47´ W72°32.85´ 334° 7.3 NM to fld. 849/13W.
LDA 109.7 I–HFD Rwy 02. LDA unmonitored when ATCT clsd. LDA unusable wi 0.5 NM front of course.



HELIPAD H1: H70X77 (ASPH) MIRL
HELIPAD H2: H44X44 (ASPH) MIRL
HELIPORT REMARKS: Helipad H1 hangar (26´ high at 290° west) 234´ from helipad.

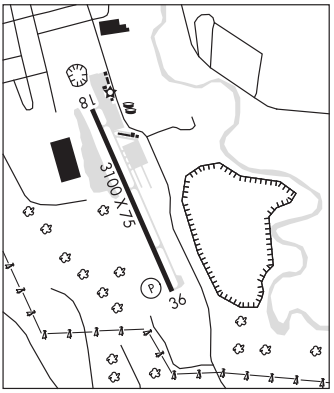
HARTFORD N41°38.47´ W72°32.85´ NOTAM FILE HFD. **NEW YORK**
(L) (L) VORW/DME 114.9 HFD Chan 96 334° 7.3 NM to Hartford–Brainard. 849/13W. **H–10I, 12J, L–33C, 34I**

MADISON N41°18.83´ W72°41.53´ NOTAM FILE BDR. **NEW YORK**
(L) (L) VORW/DME 110.4 MAD Chan 41 077° 9.4 NM to Chester. 216/13W. **H–10I, L–33C, 34I**
DME unusable:
330°–090° byd 30 NM blo 4,000´

MARLBOROUGH

SALMON RIVER AIRFIELD (9B8) 3 S UTC–5(–4DT) N41°35.37´ W72°26.54´ **NEW YORK**
540 NOTAM FILE BDR
RWY 17–35: 2000X60 (TURF)
RWY 17: Trees. Rgt tfc.
RWY 35: Trees.
AIRPORT REMARKS: Attended irregularly. Arpt CLOSED SS–SR. Arpt CLOSED Dec 15–Apr 30. Personnel and equipment invof rwys and twys. All surfaces, rwy and twy, work in progress, maintenance.
AIRPORT MANAGER: (860) 883-4272
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597

MERIDEN MARKHAM MUNI (MMK)(KMMK) 3 SW UTC–5(–4DT) N41°30.52′ W72°49.77′ **NEW YORK**
103 B NOTAM FILE MMK **L–33B, 34I**
RWY 18–36: H3100X75 (ASPH) S–30 MIRL **IAP**
RWY 18: Tree.
RWY 36: REIL. PAPI(P4L)—GA 3.5° TCH 38′. Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 18–36 and REIL Rwy 36—CTAF.
AIRPORT REMARKS: Attended Mon–Sun 1400–2200Z‡. Ctn deer, coyotes & birds on & invof arpt. 100LL self svc fuel. Cranes +150 ft AGL, 0.25 mi NW AER 18, lgtd oper intmt dalgt. PPR for jet. Rwy 36 no touch and go ldg. Std left tfc for both rwys. Calm wind Rwy 18.
AIRPORT MANAGER: 203-630-2878
WEATHER DATA SOURCES: ASOS 134.925 (203) 639–9405.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **BRADLEY APP/DEP CON** 127.8
CLNC DEL 120.65
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MADISON (L) (L) VORW/DME 110.4 MAD Chan 41 N41°18.83′ W72°41.53′ 345° 13.2 NM to fld. 216/13W.
DME unusable:
330°–090° byd 30 NM blo 4,000′



MOUNT TOBE (See WATERBURY on page 41)

NEW HAVEN

TWEED/NEW HAVEN (HVN)(KHVN) 3 SE UTC–5(–4DT) N41°15.82′ W72°53.26′ **NEW YORK**
13 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE HVN **H–10I, 12J, L–33B, 34I**
RWY 02–20: H5600X150 (ASPH–GRVD) S–110, D–160, 2S–175 PCR 320 F/B/X/T HIRL **IAP, AD**
RWY 02: MALSF. PAPI(P4L)—GA 3.0° TCH 50′. RVR–T Trees.
RWY 20: PAPI(P4L)—GA 3.5° TCH 55′. RVR–R Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–5600 TODA–5600 ASDA–5600 LDA–5600
RWY 20: TORA–5600 TODA–5600 ASDA–5600 LDA–5600
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** When ATCT clsd ACTVT MALSF Rwy 02; HIRL Rwy 02–20—CTAF.
NOISE: Noise abatement procedures in effect. Departing Rwy 20, right and left turn made only after passing shoreline. Clsd to acft over 78 dB 1200–0300Z‡, 73 dB 0300–0500Z‡ and 1100–1200Z‡, 68 dB 0500–1100Z‡ excp mil emerg and med acft; PPR call 203–907–9818.
AIRPORT REMARKS: Attended 1100–0300Z‡. Wildlife frequently on or invof arpt. Fuel avbl after hrs PPR 203–467–9555. Class I, ARFF Index C. ARFF Index C svcs prvdd btn 1100–0459Z‡ dly. ARFF Index B svcs prvdd drg otr times. For Index C svcs btn 0500–0959Z‡, 1 hr 30 min PPR at 203–907–9818. Touch and go ldg ops permitted 1200–0300Z‡ Mon–Sat, 1300–0300Z‡ Sun. Ldg helicopters use Twys A and H intxn. Standing water at intxn of Twy D and C aft hvy rain. PAEW adjacent to all operational sfcs dalgt hrs Apr–Oct. Extensive HOP sfc—10,000′ within 20 miles north/northwest. TPA—1011 (999) reciprocating eng and 1511 (1499) Turboprop/Jet. Avoid close–in base legs and short apchs ldg Rwy 20. Tran parking on east ramp only. Ldg fee for all acft exc mil, government, emerg and medical. Flight Notification Service (ADCUS) available.
AIRPORT MANAGER: 203-466-8833
WEATHER DATA SOURCES: ASOS (203) 466–6205 LAWRS.
COMMUNICATIONS: CTAF 124.8 **ATIS** 133.65 **UNICOM** 122.95
Ⓡ **NEW YORK APP/DEP CON** 124.075
TOWER 124.8 (1100–0300Z‡) **GND CON** 121.7 **CLNC DEL** 121.7 (When twr clsd)
CLEARANCE DELIVERY PHONE: For CD when twr clsd ctc New York Apch at 516-683-2449 or 121.7.
AIRSPACE: CLASS D svc 1100–0300Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE HVN.
NEW HAVEN (T) DME 109.8 HVN Chan 35 N41°15.74′ W72°53.11′ at fld. 4.
DME unusable:
031°–120° blo 4,000′
159°–254° blo 3,000′
ILS/DME 109.1 I–HVN Chan 28 Rwy 02. Class IB. Unmonitored when ATCT clsd.

NEW HAVEN N41°15.74′ W72°53.11′ NOTAM FILE HVN. **NEW YORK**
(T) DME 109.8 HVN Chan 35 at Tweed/New Haven. 4. **L–33B, 34I**
DME unusable:
031°–120° blo 4,000′
159°–254° blo 3,000′

NEW MILFORD

CANDLELIGHT HELIPORT (6Y2) 2 W UTC–5(–4DT) N41°34.06′ W73°27.61′ **NEW YORK**
665 NOTAM FILE BDR
HELIPAD H1: H50X50 (ASPH)
HELIPORT REMARKS: Unattended. Heliport clsd excp PPR call 203–648–6782. Helipad H1 pavement area measures 28′ x 28′; turf 50′x 50′. Helipad H1 28′ bldg 135′ E of pad. Ldg fee per landing.
AIRPORT MANAGER: 203-648-6782
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

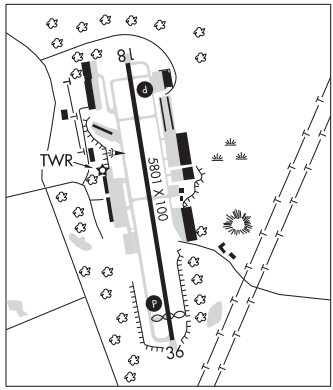
CANDLELIGHT FARMS (11N) 3 SW UTC–5(–4DT) N41°34.15′ W73°27.73′ **NEW YORK**
675 NOTAM FILE BDR
RWY 17–35: 2900X50 (TURF) 0.9% up N
RWY 17: Trees.
RWY 35: Trees.
AIRPORT REMARKS: Attended dalgt hrs. Birds on and invof arpt. Arpt CLOSED to hel and gldr act. No touch and go ldgs. Arpt CLOSED to tsnt acft Nov–May due to muddy rwy conds. Experimental acft only by PPR 203–241–6064. Rwy 17–35 ends mkd with orange cones. Ovngt prkg fee, PPR 203–241–6064.
AIRPORT MANAGER: 203-722-1629
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

NORTHFIELD HELIPORT (See THOMASTON on page 41)

NORWICH N41°33.38′ W71°59.96′ NOTAM FILE BDR. **NEW YORK**
(L) (DH) VORW/DME 110.0 ORW Chan 37 338° 13.9 NM to Windham. 310/14W. **H–10I, L–33C, 34I**

OXFORD

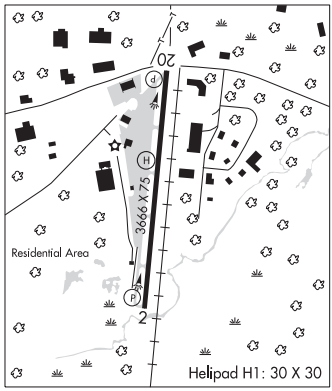
WATERBURY–OXFORD (OXC)(KOXC) 3 N UTC–5(–4DT) N41°28.70′ W73°08.11′ **NEW YORK**
730 B TPA—See Remarks LRA NOTAM FILE OXC **H–10I, 12K, L–33B, 34I**
RWY 18–36: H5801X100 (ASPH–GRVD) S–50, D–85, 2S–107, 2D–145 HIRL 0.9% up N **IAP, AD**
RWY 18: PAPI(P4L)—GA 3.0° TCH 47′. Rgt tfc.
RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 56′. Thld dsplcd 500′. P–line.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 18: TORA–5801 TODA–5801 ASDA–5801 LDA–5801
RWY 36: TORA–5801 TODA–5801 ASDA–5801 LDA–5301
ARRESTING GEAR/SYSTEM
RWY 18: EMAS



SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 36; PAPI Rwy 18 and Rwy 36; HIRL Rwy 18–36—CTAF. Rwy 18 VGSI lgts baffled byd 6 degs L of cntrln. Rwy 36 VGSI lgts baffled due to trees & pwr ln twr byd 5 degs R of cntrln.
AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. 748′ electric transmission twrs running NE to SW 0.2 miles north of middle marker. PAEW vicinity Rwy 18–36 safety zone summer only SR–SS (mowing in progress daily). Steep drop off after safety area north and south of Twy A. Arpt clsd to ACR ops. TGL & PLA prohibited between 0400–1200Z‡. Practice low apch Rwy 36 NA when Rwy 18 is active. Rwy 36 calm wind rwy. TPA—1703 (973) for acft up to 12,500 lbs, 2203 (1473) acft over 12,500 lbs. Twy B, south of Twy G, reflectors only. Ldg fee for business, corporate and revenue producing acft.
AIRPORT MANAGER: 203-264-8010
WEATHER DATA SOURCES: AWOS–3PT 132.975 (203) 262–1190.
COMMUNICATIONS: CTAF 118.475 **ATIS** 132.975 203–262–1190 **UNICOM** 122.95
Ⓡ **NEW YORK APP/DEP CON** 124.075 135.1 **CLNC DEL** 135.1 (When OXC twr clsd)
TOWER 118.475 (1100–0200Z‡) **GND CON** 121.65 **CLNC DEL** 121.65
CLEARANCE DELIVERY PHONE: For CD when twr clsd ctc New York Apch at 516-683-2449.
AIRSPACE: CLASS D svc 1100–0200Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MADISON (L) (L) VORW/DME 110.4 MAD Chan 41 N41°18.83′ W72°41.53′ 309° 22.3 NM to fld. 216/13W. DME unusable:
330°–090° byd 30 NM blo 4,000′
ILS/DME 109.55 I–OXC Chan 32(Y) Rwy 36. Class IA. LOC unusable at thr abv 1,700′. LOC unusable byd DAAVY int/ I–OXC 6.5 DME abv 5,200′.

PLAINVILLE

ROBERTSON FLD (4B8) 2 N UTC–5(–4DT) N41°41.36′ W72°51.88′ **NEW YORK**
202 B TPA—See Remarks NOTAM FILE BDR **L–33B, 34I**
RWY 02–20: H3666X75 (ASPH) S–25 MIRL 0.3% up N **IAP**
RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 30′. Trees.
RWY 20: REIL. PAPI(P2R)—GA 3.5° TCH 36′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTVT REIL Rwy 02 and 20; MIRL 02–20—CTAF. PAPI Rwy 02 and 20 opr consly.
NOISE: Noise abatement procs in efct. Ctc 1–800–573–5519 or 860–747–5519 for dtls.
AIRPORT REMARKS: Attended Mon–Fri 1300–0000Z‡, Sat–Sun 1300–2300Z‡. Ctn deer & birds on & invof arpt. TPA—1000(800) for acft less than 12,500 lbs, 1500(1300) for acft 12,500 lbs and above. Ldg fee for commercial and corporate acft only.
AIRPORT MANAGER: 860-747-5519
WEATHER DATA SOURCES: AWOS–3PT 119.175 (860) 351–5362.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BRADLEY APP/DEP CON** 123.95
CLNC DEL 134.5
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.
RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.
HARTFORD (L) (L) VORW/DME 114.9 HFD Chan 96 N41°38.47′ W72°32.85′ 295° 14.6 NM to fld. 849/13W.



HELIPAD H1: H30X30 (ASPH)

PUTNAM

TOUTANT (C44) 6 NW UTC–5(–4DT) N41°57.34′ W72°03.26′ **NEW YORK**
770 NOTAM FILE BDR
RWY 17–35: H1756X60 (ASPH) 0.9% up N
RWY 17: Trees.
RWY 35: Trees.
AIRPORT REMARKS: Attended irregularly. Arpt clsd SS–SR, no lights. Rwy 17–35 not plowed, no ski opns. Acft back taxi on rwy. 40′ drop off at each rwy end.
AIRPORT MANAGER: 860-974-2099
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597

PUTNAM N41°57.33′ W71°50.65′ NOTAM FILE BDR. **NEW YORK**
(H) (H) VORW/DME 117.4 PUT Chan 121 211° 8.5 NM to Danielson. 652/14W. **H–10I, 11D, L–33C, 34J**
DME unusable:
265°–301° byd 36 NM blo 3,000′

ROBERTSON FLD (See PLAINVILLE on page 40)

SALMON RIVER AIRFIELD (See MARLBOROUGH on page 37)

SIKORSKY HELIPORT (See STRATFORD on page 41)

SIMSBURY (4B9) 3 NE UTC–5(–4DT) N41°54.97′ W72°46.62′ **NEW YORK**
195 NOTAM FILE BDR
RWY 03–21: H2205X50 (ASPH) S–25 RWY LGTS(NSTD)
RWY 03: Trees.
RWY 21: Thld dsplcd 270′. Trees.
SERVICE: S4 **FUEL** 100LL **LGT** Dust–Dawn ACTIVATE MIRL Rwy 03–21—CTAF. Rwy 03–21 NSTD MIRL, thld lgts green/green.
AIRPORT REMARKS: Attended 1330–2200Z‡. Deer and birds on and invof arpt—birds particularly in apch to Rwy 03. Rwy 03–21 safety barrier 15′ NE thr barricade not lgtd. Rwy 03 has an up–hill grade.
AIRPORT MANAGER: 860-459-1575
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.

SKYLARK AIRPARK (See WAREHOUSE POINT on page 41)

STRATFORD

SIKORSKY HELIPORT (JSD)(KJSD) PVT 3 N UTC–5(–4DT) N41°14.84′ W73°05.87′ NEW YORK L–33B, 34I

AIRSPACE: CLASS D svc 1300Z‡–SS Mon–Fri, 1300Z‡–SS Sat–Sun as required; other times CLASS G.

THOMASTON

NORTHFIELD HELIPORT (NØ9) 4 NW UTC–5(–4DT) N41°43.42′ W73°06.94′ NEW YORK

903 NOTAM FILE BDR

HELIPAD H1: 100X100 (TURF)

HELIPORT REMARKS: Unattended. VFR only. 30′ poleline, 282′ E of helipad. Recommended approach from north to south. 57′ trees, 475′ from center of helipad, approach ratio 8:1. Heli phys location 253 Newton Rd, Northfield, CT.

AIRPORT MANAGER: 860-484-9597

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.

TOUTANT (See PUTNAM on page 40)

TWEED/NEW HAVEN (See NEW HAVEN on page 38)

WAREHOUSE POINT

SKYLARK AIRPARK (7B6) 2 E UTC–5(–4DT) N41°55.71′ W72°34.58′ NEW YORK L–33C, 34I

120 NOTAM FILE BDR

RWY 10–28: H3242X60 (ASPH) S–9 LIRL(NSTD)

RWY 10: Thld dsplcd 600′. P–line.

RWY 28: Thld dsplcd 175′. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** Arpt lgts OTS indef. Rwy 10–28 NSTD LIRL, first 175′ east end not lgtd. ACTIVATE LIRL Rwy 10–28—122.8.

AIRPORT REMARKS: Attended dalgt hrs. Call first for availability of fuel. No ngt touch and go ldg. Bring tiedown ropes.

AIRPORT MANAGER: (413) 537-5121

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.

RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

HARTFORD (L) (L) VORW/DME 114.9 HFD Chan 96 N41°38.47′ W72°32.85′ 009° 17.3 NM to fld. 849/13W.

WATERBURY

MOUNT TOBE (N41) 4 N UTC–5(–4DT) N41°38.01′ W73°02.81′ NEW YORK

850 NOTAM FILE BDR

RWY 17–35: 2005X135 (TURF)

RWY 17: Trees.

RWY 35: Trees.

RWY 02–20: 1600X250 (TURF)

RWY 02: Trees.

RWY 20: Trees.

AIRPORT REMARKS: Airport attended irregularly. Poor drainage ldg/taxi AER 35 winter months and after heavy rain. Turf rwys are soft during wet periods.

AIRPORT MANAGER: 860-384-0452

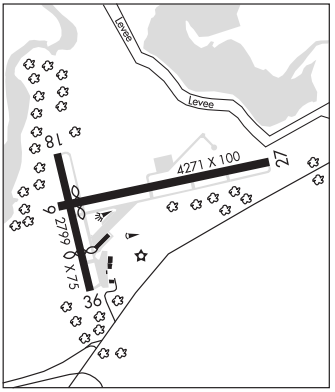
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.

WATERBURY–OXFORD (See OXFORD on page 39)

WILLIMANTIC

WINDHAM (IJD)(KIJD) 3 NE UTC–5(–4DT) N41°44.64′ W72°10.81′ **NEW YORK**
246 B NOTAM FILE IJD **L–33C, 34J**
RWY 09–27: H4271X100 (ASPH) S–30 MIRL **IAP**
RWY 09: Thld dsplcd 258′. Trees.
RWY 27: REIL. Tree.
RWY 18–36: H2799X75 (ASPH) S–30 0.4% up S
RWY 18: Trees.
RWY 36: Thld dsplcd 799′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTIVATE REIL Rwy 27; MIRL Rwy 09–27–CTAF.
AIRPORT REMARKS: Unattended. Self svc fuel credit card only. Jet A has ovr wing and sngl point nozzles. Birds on and invof arpt. Gldr act on and invof arpt Apr–Nov. 4 obstruction lgts on surrounding hills OTS indef. Ldg fee for business/corporate acft.
AIRPORT MANAGER: 860-982-2443
WEATHER DATA SOURCES: ASOS 133.675 (860) 456–8839.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **BRADLEY APP/DEP** 127.8
Ⓡ **BOSTON CENTER APP CON** 124.85 (Sun–Fri 0530–1030Z‡, Sat 0500–1030Z‡)
CLNC DEL 128.6
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
NORWICH (L) (DH) VORW/DME 110.0 ORW Chan 37 N41°33.38′ W71°59.96′ 338° 13.9 NM to fld. 310/14W.
LOC/DME 108.35 I–IJD Chan 20(Y) Rwy 27. LOC unusable byd 20° right and left side of course. DME unusable byd 12 NM.



WINDHAM (See WILLIMANTIC on page 42)

WINDSOR LOCKS

BRADLEY INTL (BDL)(KBDL) P (ANG ARNG) 3 W UTC–5(–4DT) N41°56.34´ W72°41.06´ **NEW YORK H–10I, 11D, 12K, L–33C, 34I IAP, AD**

173 B TPA—See Remarks LRA Class I, ARFF Index C NOTAM FILE BDL MON Airport

RWY 06–24: H9510X200 (ASPH–GRVD) S–200, D–200, 2S–175, 2D–350, 2D/2D2–710 PCR 1100 F/B/X/T HIRL CL

RWY 06: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71´. RVR–TMR Trees.

RWY 24: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71´. RVR–TMR Trees.

RWY 15–33: H6847X150 (ASPH–GRVD) S–200, D–200, 2S–175, 2D–350 PCR 1100 F/B/X/T HIRL

RWY 15: REIL. PAPI(P4L)—GA 3.5° TCH 61´. RVR–R Trees.

RWY 33: MALSF. PAPI(P4R)—GA 3.0° TCH 72´. RVR–T Trees.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 24	15–33	5850
RWY 33	06–24	4550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA–9509 TODA–9509 ASDA–9509 LDA–9509

RWY 15: TORA–6847 TODA–6847 ASDA–6847 LDA–6847

RWY 24: TORA–9509 TODA–9509 ASDA–9509 LDA–9509

RWY 33: TORA–6847 TODA–6847 ASDA–6847 LDA–6847

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Unmonitored when afld clsd. Afld ops ltd to tenant acft when afld clsd. **MILITARY— JASU** (MD)–3 **FUEL** A++(Mil) A, A+ (C860–627–3300.) (NC–100LL) **FLUID** SP LOX **OIL** O–128–133–148 (Mil) SOAP

AIRPORT REMARKS: Attended continuously. Numerous birds freq on or invof arpt. ANG: Opr 1200–2030Z‡ Mon, Tues, Fri; 1200–0400Z‡ Wed, Thu. 41.9 149.825 335.775 (Havoc Ops). NSTD wingtip clnc white dashed lines spanning bhnd front and back of acft prkg rows and white gnd eqpt boxes painted on ANG ramp. ANG– DSN 636–7519/7520. C860–292–4519/4520. No trng flts, no practice apchs, no touch and go ldgs btn Mon–Sat 0400–1200Z‡ and Sun 0400–1700Z‡. BASH Phase II increased bird activity Sep–Oct and Mar–Apr. Rwy 6 de–ice pad clsd to acft with wingspan 171´ or gtr exc with follow–me escort by arpt ops. Parl twy ops on Twy C and Twy B rstrd to acft with wingspans of 171´ or less. Twy C btn Twy B and Twy C4 acft tax spd rstrn of 8 kts/10 mph max for acft with wingspan 214´ or gtr. TPA—1873(1700) heavy acft. Fixed wing acft use low idle for taxi, no engine checks or power runs allowed on the Rwy 06–24 245´ by 200´ blast pad SW end. Rwy 15–33 100´ by 200´ blast pad SE end. Lgtd obst ant 36´ AGL/205´ MSL (Rwy 24 ILS/GS Ant) 162´ NW of Twy C cntrln marking btn Twy B and Twy C4. Twy D clsd btn Twy S and Twy D1 to acft with wingspan in excess of 170 ft. Non–based dvrsn acrs ctc arpt ops 860–627–3001 prior to divg & prvd co flt ops ctc info, acft type, POB, intl or dom flt & gnd ops agrmts. Only 1 intl ACR jet bridge avbl for pax. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fee for business, corporate and revenue producing acft. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 860-292-2000

WEATHER DATA SOURCES: ASOS 118.15 (860) 386–3480. WSP.

COMMUNICATIONS: D–ATIS 118.15 (860–386–3570) **UNICOM** 122.95

Ⓡ **BRADLEY APP/DEP CON** 123.95 (061°–240°) 125.35 (241°–060°) 127.225

TOWER 120.3 **GND CON** 121.9 **CLNC DEL** 121.75

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS C svc ctc **APP CON**.

VOR TEST FACILITY (VOT) 111.4

RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

HARTFORD (L) (L) VORW/DME 114.9 HFD Chan 96 N41°38.47´ W72°32.85´ 354° 18.9 NM to fld. 849/13W.

ILS/DME 111.1 I–BDL Chan 48 Rwy 06. Class IIIE.

ILS/DME 111.1 I–MYQ Chan 48 Rwy 24. Class IIE. DME unusable fm .4 NM inbd to Rwy 24.

ILS/DME 108.55 I–IKX Chan 22(Y) Rwy 33. Class IE.

CHANDELLE (See DOVER on page 44)

CHORMAN (See FARMINGTON on page 47)

DELAWARE AIRPARK (See DOVER/CHESWOLD on page 46)

DELAWARE COASTAL (See GEORGETOWN on page 47)

DELDOT HELISTOP HELIPORT (See DOVER on page 44)

DOVER

CHANDELLE (ØN4) 3 NE UTC–5(–4DT) N39°12.14′ W75°29.13′ **WASHINGTON**
22 B NOTAM FILE MIV
RWY 04–22: H2533X28 (ASPH) LIRL
RWY 04: Thld dsplcd 539′. Trees.
RWY 22: Thld dsplcd 538′. Trees.
SERVICE: S4 **FUEL** 100LL, MOGAS **LGT** ACTVT LIRL Rwy 04–22 and rotating bcn—122.7.
AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡, Sat–Sun on call. For svcs call (302) 287–9623. For svcs after hours call (302) 287–9623. Heavy bird activity on and invof arpt Oct–Feb. Rwy 04 dsplcd thld marked with white line, dashed white lines leading to displaced thld is faded. Rwy 22 dsplcd thld marked with white line, dashed white lines leading to dsplcd thld is faded. Rwy 04–22 has vertical, horizontal and alligator cracking. Tree trimming on rwy end 04 cmpltd. Tree removal on rwy end 22 on–going.
AIRPORT MANAGER: 302-287-9623
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

DELDOT HELISTOP HELIPORT (ØN5) 0 N UTC–5(–4DT) N39°08.97′ W75°30.30′ **WASHINGTON**
30 NOTAM FILE MIV
HELIPAD H1: H60X60 (CONC) PERIMETER LGTS
SERVICE: **LGT** ACTIVATE perimeter lgts—CTAF.
HELIPORT REMARKS: Attended Mon–Fri 1300–2130Z‡. Located ESE Dover. Unmarked/unlgtd 40′ P–lines 0.1 mile E. Ingress and egress is NW and SE, touchdown zone area 60′X60′. Helipad H1 paint chipping; tlof size and wt lmt box unrdbl.
AIRPORT MANAGER: 302-760-2145
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

DOVER AFB (DOV)(KDOV) MIL/CIV AF 3 E UTC–5(–4DT) N39°07.77′ W75°27.96′ **WASHINGTON**
29 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE DOV **H–10I, 12I, L–34F, A**
RWY 14–32: H12903X150 (ASPH–CONC–GRVD) PCN 105 R/B/W/T HIRL **DIAP, AD**
RWY 14: PAPI(P4L)—GA 3.0° TCH 78′. Thld dsplcd 4251′.
RWY 32: REIL. PAPI(P4L)—GA 2.93° TCH 69′.
RWY 01–19: H9602X150 (CONC–GRVD) PCN 150 R/A/W/T HIRL CL
RWY 01: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 75′. RVR–T
RWY 19: ALSF1. REIL. PAPI(P4L)—GA 3.0° TCH 75′. RVR–T
RUNWAY DECLARED DISTANCE INFORMATION
RWY 14: TORA–12903 TODA–12903 ASDA–12903 LDA–8653
RWY 32: TORA–9670 TODA–9670 ASDA–12903 LDA–12903
SERVICE: S4 **FUEL** JET A+, J8 **OX** 2, 4 **MILITARY— JASU** (Adapters not avbl.) 3(MA–1A) (M32A–86) **FUEL** A+, J8 **FLUID** SP PRESAIR LPOX LOX **OIL** O–133–148 SOAP **TRAN ALERT** Opr H24.
NOISE: Noise abatement: Strict compliance with procedure rqr.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** Contact airfield management DSN 445–2861 for bird watch conditions (BWC). Non–DOD civil acft ops 72 hr PPR by ctc C302–571–6375. PPR exc AMC, Special Air Mission, DoD courier svc, and evacuation msn DSN 445–2861. All acft with hazardous material/rqr remote/isolated parking will ctc 436 airborne pulse search. Explosive Handling Section DSN 445–2304 1230–2130Z‡ or ATOC Duty Officer DSN 445–2300 2130–1230Z‡ for PPR. Base OPS DSN 445–2861/4192, C302–677–2861/4192. All inbnd pax/cargo acft must ctc Comd Post no later than 30 min prior to ldg. Rwy 32 tkf distance avbl 10,070´. Acft taxiing out of main ramp using taxi lane L btn Delta row and spot Echo must use minimum power and in–board engine only (C5 acft should not exceed 40 percent N1 RPM) when turning onto taxi lane A. Dignified transfer missions contact 436 AW/CP for advance coordination and to obtain a current copy of DT aircrew brochure. **CAUTION** Possible jet wake turbulence in tfc pat and C5 jet blast dur gnd opr. High speed, low alt heavy jet tfc within 10 NM. Five civ arpt lctd within 10 NM radius. Special haz exist for wide body acft taxiing from ramp. Follow me truck rqr for all movements on ramp by non C5 tran acft, tran C5 follow me svc avbl on req. Tree line east of Rwy 19 apch end may cause wind shear during ldg when wind is from southeast. Breaking action less than optimum when rwy is wet due to rubber build–up. Nstd mrk–C17 star turn mrk lctd on Twy A at int of Twy D (2 white stripes 100´ apart, 190´ length x 1´ wide. C17 backing demonstration zone mrk on Twy C btn Rwy 14–32 and Twy B. Mrk will be white and vary in width and geometry. C–17 acft wingtip trng lines on taxi lane L in front of prk spot E. C–5 acft wingtip trng lines on taxi lane L btn prk spot D2 and E. C–5 and C–17 wing tip trng sign lctd off of Twy G. Signs depict 10 ft and 25 ft wing tip clnc. Sfc painted apn entrance point markings exist on haz cargo ramp, south ramp and Christmas tree ramp. Twy D btn Rwy 01–19 and haz cargo pad does not have shoulder markings. **TFC PAT** TPA—Rectangular 1500(1471), overhead 2500(2471). Aero Club/lgt acft 1000(971). **MISC** Rwy Cond Code (RwyCC) not reported. USAF ARFF meets all emerg response times. ARFF is Cat 6 firefighting agent (12.1K) level with NFPA Cat 10 staffing level (13). Sufficient capability is provided for initial response, scene assessment and implementation of mitigation tactics. All acft must understand interior firefighting and rescue svc could be potentially delayed. Twy D edge lgt 40´ from twy edge between Rwy 32 hold line and Rwy 01–19. Rwy 32 first 2000´, middle 1500´ 1000´ southeast of Twy C and last 1000´ conc, remainder of rwy asph. First 4250´ Rwy 14 and first 1650´ Rwy 32 grvd conc, middle 7000´ asph. Rwy 32 winds derived from AER 01. Rwy 14 winds derived from AER 19. ARFF steady state is optimum level of svc for all acft category with 12,900 gallons of agent and 18 persons. ARFF index applies only to the Dover Civil Air Patrol terminal. 72 hrs PPR is rqr for all civ acft ops that need to use the Dover Civil Air terminal, call 302–736–6614. Afld management has ltd amount of storage for classified material. Size ltd to small backpacks or smaller only. Base opr has ltd amount of storage for classified material, size ltd to small backpack or smaller only. Base OPS has no COMSEC to tran aircrews. Tran aircrews should plan to arrive with appropriate amount of COMSEC to complete entire msn. Rwy 32 assault ldg zone (ALZ) nstd afld mark consisting of white box (500´X90´) beginning 500´ from thld with white bar 3000´ from end of box. Afld is TERPS from sfc (grd level), DER crossing hgt 0´. B747 (all series) must arr with tow bar.

AIRPORT MANAGER: 302-677-4183

COMMUNICATIONS: D–ATIS 127.825 273.5 DSN 445–2847 269.125 **PTD** 372.2 (Thru Comd Post)

Ⓡ **APP CON** 132.425 135.15X 257.875 (VFR sequencing svc 25 NM out on 125.9 282.325)

TOWER 126.35 279.625 **GND CON** 118.875 225.4 **CLNC DEL** 125.55 289.4

Ⓡ **DEP CON** 134.425 257.875 323.0

COMD POST 349.4 (Call sign First Ops) **PMSV METRO** 342.0 Wx flt DSN 445–4175/4176, C302–677–4175/4176. If fcstr is out of office and does not answer on UHF ctc comd post DSN 445–4201, C302–677–4201 for fone patch. If fone patch fails, ctc frcstr on sby fone C302–922–2210. Bldg obst may impact prevailing visibility 150º–260º. Dur evac of Wx Flt ctc 15 OWS at DSN 576–9690, C618–256–9690. Altn wx lctn vis slightly ltd due to bldg and prk acft. ATC will supplement obsn as needed.

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) (L) VORTACW 111.4 ENO Chan 51 N39º13.90´ W75º30.96´ 168º 6.6 NM to fld. 15/9W.

TACAN AZIMUTH unusable:
140º–150º byd 36 NM blo 2,000´
200º–300º byd 36 NM blo 3,000´

VOR unusable:
159º–169º blo 3,000 . 325–335 byd 15NM blo 4,900´

DME unusable:
140º–150º byd 36 NM blo 2,000´
200º–300º byd 36 NM blo 3,000´

(T) TACAN Chan 37 DOV (110.0) N39º07.94´ W75º28.04´ at fld. 17/12W. NOTAM FILE DOV.
No NOTAM MP: 0500–1100Z‡ Wed (2000/2+1)

TACAN AZIMUTH unusable:
095º–105º byd 13 mn blo 3,000´
military use: No NOTAM MP: 0500–1100Z‡ Mon–Fri (1000/3+1)

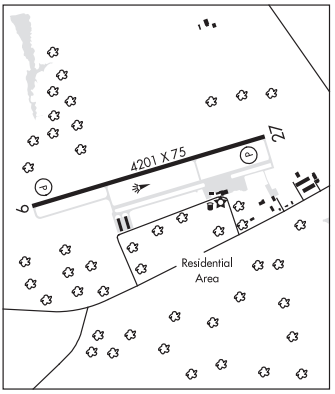
ILS 109.95 I–DOV Rwy 01. Class IIE. ILS/RADAR–ILS: Caution Rwy 19: ILS TCH 43´. Hgt gp 4 (A300, B1, B747/767/777, C5, DC 10, E4, KC10, VC25) WCH 18´. MP by NOTAM: (1,000/3+1).

ILS 111.9 I–LIR Rwy 19. Class IE. ILS WHEEL crossing height data: GROUP 4 (18.1ft). MP by NOTAM: (1,000/3+1).

COMM/NAV/WEATHER REMARKS: Radar: No–NOTAM MP: 0500–1100Z‡ Mon–Fri (1000/3+1).

DOVER/CHESWOLD

DELAWARE AIRPARK (33N) 1 W UTC–5(–4DT) N39°13.12´ W75°36.03´ **WASHINGTON**
55 B NOTAM FILE MIV **L–34F, A**
RWY 09–27: H4201X75 (ASPH–GRVD) S–38.5, D–56.5 PCN 14 **IAP**
F/C/X/T MIRL
RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 43´.
RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 43´.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 09 and Rwy 27, MIRL Rwy 09–27—CTAF.
AIRPORT REMARKS: Attended 1330–2130Z‡. Deer and birds on and invof arpt. Sgfnt fixed wing and heli acft flt trg invof airpark. 24 hr self–svc credit card fuel avbl. Arpt conditions unmonitored between 2130–1330Z‡. Rwy 27 calm wind rwy. Acft not visible on opposite end of rwy due to gradient. Mowing ops conducted Apr–Oct 1200–2000Z‡. Acft un ops due to size or facilities altn is Dover AFB Civil Air Terminal, PPR rqr 302–571–6375. Tran acft prkg N trml bldg. Addnl tran prkg on apn W of T–hngrs. E apn clsd to tran prkg.
AIRPORT MANAGER: 609-231-0428
WEATHER DATA SOURCES: AWOS–3 120.125 (302) 571–6012.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **DOVER APP/DEP CON** 132.425 **CLNC DEL** 125.55
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.



RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SMYRNA (L) (L) VORTACW 111.4 ENO Chan 51 N39°13.90´ W75°30.96´ 268° 4.0 NM to fld. 15/9W.
TACAN AZIMUTH unusable:
140°–150° byd 36 NM blo 2,000´
200°–300° byd 36 NM blo 3,000´
VOR unusable:
159°–169° blo 3,000 . 325–335 byd 15NM blo 4,900´
DME unusable:
140°–150° byd 36 NM blo 2,000´
200°–300° byd 36 NM blo 3,000´

DUPONT N39°40.69´ W75°36.43´ NOTAM FILE MIV. **WASHINGTON**
(L) (L) VORTACW 114.0 DQO Chan 87 at New Castle. 70/10W. **H–10I, L–34G, A**
VOR unusable:
230°–265° byd 20 NM
TACAN AZIMUTH unusable:
230°–265° byd 20 NM
DME unusable:
230°–265° byd 20 NM

FARMINGTON

CHORMAN (D74) 2 SW UTC–5(–4DT) N38°50.97′ W75°36.77′ **WASHINGTON**
65 B NOTAM FILE MIV **L–34F, 36J, A**

RWY 16–34: H3585X50 (ASPH) LIRL
RWY 16: REIL.
RWY 34: REIL. Thld dsplcd 438′. Pole.

SERVICE: S4 **LGT** ACTVT rotg bcn—CTAF. ACTVT REIL Rwy 16 and Rwy 34; LIRL Rwy 16–34—CTAF.

AIRPORT REMARKS: Attended Mon–Fri 1330Z‡–dusk. AG spraying activity on and invof arpt. Loading pad adjacent to east side Rwy 34.

AIRPORT MANAGER: 302-645-9225

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WATERLOO (VL) (L) VORW/DME 112.6 ATR Chan 73 N38°48.59′ W75°12.68′ 286° 19.0 NM to fld. 5/9W.
DME unusable:
179°–293° byd 30 NM blo 2,000′
265°–309° byd 40 NM
327°–050° byd 40 NM
VOR unusable:
011°–050° byd 40 NM
268°–307° byd 40 NM
327°–344° byd 40 NM
345°–010°

GEORGETOWN

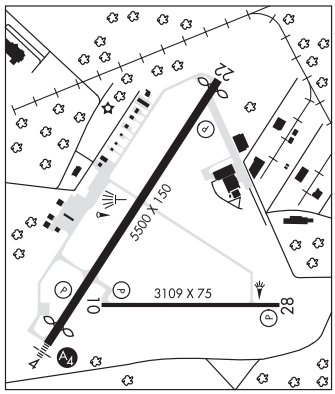
DELAWARE COASTAL (GED)(KGED) 2 SE UTC–5(–4DT) N38°41.26′ W75°21.56′ **WASHINGTON**
53 B LRA NOTAM FILE GED **H–10I, 12I, L–34F, 36J, A**

RWY 04–22: H5500X150 (ASPH–GRVD) S–50, D–175 PCN 43 F/A/X/T MIRL
RWY 04: MALS. REIL. PAPI(P4L)—GA 3.0° TCH 45′. Thld dsplcd 370′. Trees.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Thld dsplcd 169′.

RWY 10–28: H3109X75 (ASPH) S–50, D–91 PCN 36 F/A/X/T MIRL
RWY 10: REIL. PAPI(P2L)—GA 3.5° TCH 46′.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40′.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALS Rwy 04; REIL Rwy 04, 22, 10, 28; MIRL Rwy 04–22 and 10–28—CTAF.

AIRPORT REMARKS: Attended 1300–2300Z‡. Arpt unattended Thanksgiving Day and Christmas Day. Birds, deer, and other wildlife invof rwys. FBO hrs 1300–2300Z‡. For svc/fuel aft hrs call 302–855–2355. PAEW within safety area of rwys and twys. Rwy 04–22 subj to fqt rwy acft backtaxi ops.



AIRPORT MANAGER: 302-855-7774

WEATHER DATA SOURCES: ASOS 118.375 (302) 855–1052.

COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **DOVER APP/DEP CON** 132.425

CLEARANCE DELIVERY PHONE: For CD if una via GCO freq, ctc Dover Apch at 302-677-3940. If Dover Apch una, ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

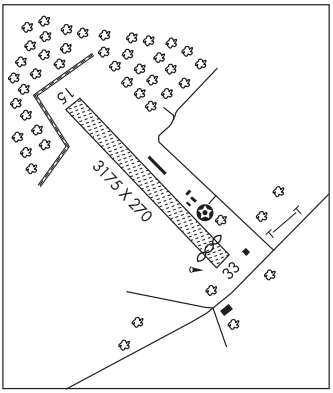
WATERLOO (VL) (L) VORW/DME 112.6 ATR Chan 73 N38°48.59′ W75°12.68′ 233° 10.1 NM to fld. 5/9W.
DME unusable:
179°–293° byd 30 NM blo 2,000′
265°–309° byd 40 NM
327°–050° byd 40 NM
VOR unusable:
011°–050° byd 40 NM
268°–307° byd 40 NM
327°–344° byd 40 NM
345°–010°

COMM/NAV/WEATHER REMARKS: GCO avbl on freq 125.55.

HADIN N39°34.88′ W75°36.84′ NOTAM FILE ILG. **WASHINGTON**
NDB (LOMW) 248 IL 013° 5.9 NM to New Castle. 21/10W. **L–34G**

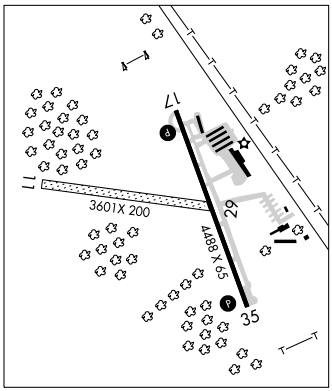
JENKINS (See WYOMING on page 50)

LAUREL (NØ6) 1 SW UTC–5(–4DT) N38°32.53′ W75°35.66′ **WASHINGTON**
30 B NOTAM FILE MIV **L–34F, 36J, A**
RWY 15–33: 3175X270 (TURF) LIRL **IAP**
RWY 15: Trees.
RWY 33: Thld dsplcd 270′. Tree.
SERVICE: **LGT** ACTVT LIRL Rwy 15–33—CTAF. ACTVT rotg bcn—CTAF.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Aprt no longer hosts skydiving ops. Rwy 33 dsplcd thld marked with 3 large orange cones each side.
AIRPORT MANAGER: 302-349-5055
COMMUNICATIONS: CTAF 122.9
Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other times ctc
Ⓡ **POTOMAC APP/DEP CON** 127.2
CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.



MIDDLETOWN

SUMMIT (EVY)(KEVY) 5 N UTC–5(–4DT) N39°31.26′ W75°43.42′ **WASHINGTON**
70 B NOTAM FILE MIV **L–34G, A**
RWY 17–35: H4488X65 (ASPH) MIRL **IAP**
RWY 17: REIL. PAPI(P4R)—GA 3.0° TCH 41′.
RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 41′.
RWY 11–29: 3601X200 (TURF)
RWY 11: Tree.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 2 **LGT** PAPI Rwy 17 & 35; MIRL Rwy 17–35 opr dusk–dawn, to actvt otr times—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1200–0000Z‡, Sat 1300–2330Z‡; Sun unattended. Fuel: 100LL self serve 24/7. Rwy 11–29 clsd for night ops, daytime VFR use only. Extensive medium/heavy helicopter training in progress all hrs on and invof arpt, high rotor down wash velocities. When CH47 helicopters opr, req advisories on UNICOM. South end of parking ramp and mid–fld twy clsd.
AIRPORT MANAGER: 302-449-1000
WEATHER DATA SOURCES: AWOS–3 132.325 (302) 378–2063.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **PHILADELPHIA APP/DEP CON** 118.35
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
DUPONT (L) (L) VORTACW 114.0 DQO Chan 87 N39°40.69′ W75°36.43′ 220° 10.9 NM to fld. 70/10W.
VOR unusable:
230°–265° byd 20 NM
TACAN AZIMUTH unusable:
230°–265° byd 20 NM
DME unusable:
230°–265° byd 20 NM



NEW CASTLE (See WILMINGTON on page 49)

SMYRNA (38N) 1 E UTC–5(–4DT) N39°18.22′ W75°35.03′ **WASHINGTON**
18 B NOTAM FILE MIV
RWY 10–28: 2600X125 (TURF) LIRL
RWY 10: REIL. Trees.
RWY 28: REIL. Trees.
SERVICE: **FUEL** 100LL, MOGAS **LGT** ACTIVATE LIRL Rwy 10–28 dusk–0500Z‡—CTAF. LIRL Rwy 10–28 OTS indefly.
AIRPORT REMARKS: Attended irregularly. Migratory water fowl on and in vicinity of arpt Oct–Feb. Rwy 10–28 rolling sfc.
AIRPORT MANAGER: 302-653-7645
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

SMYRNA N39°13.90′ W75°30.96′ NOTAM FILE MIV. **WASHINGTON H–10I, L–34F, A**

(L) (L) VORTACW 111.4 ENO Chan 51 268° 4.0 NM to Delaware Airpark. 15/9W.
TACAN AZIMUTH unusable:
140°–150° byd 36 NM blo 2,000′
200°–300° byd 36 NM blo 3,000′
VOR unusable:
159°–169° blo 3,000 . 325–335 byd 15NM blo 4,900′
DME unusable:
140°–150° byd 36 NM blo 2,000′
200°–300° byd 36 NM blo 3,000′

SUMMIT (See MIDDLETOWN on page 48)

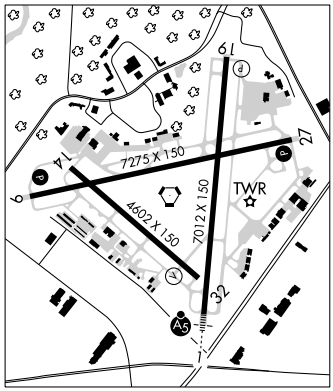
WATERLOO N38°48.59′ W75°12.68′ NOTAM FILE MIV. **WASHINGTON H–10I, L–34F, 36J, A**

(VL) (L) VORW/DME 112.6 ATR Chan 73 233° 10.1 NM to Delaware Coastal. 5/9W.
DME unusable:
179°–293° byd 30 NM blo 2,000′
265°–309° byd 40 NM
327°–050° byd 40 NM
VOR unusable:
011°–050° byd 40 NM
268°–307° byd 40 NM
327°–344° byd 40 NM
345°–010°

WILMINGTON

NEW CASTLE (ILG)(KILG) P (ANG ARNG) 4 S UTC–5(–4DT) N39°40.72′ W75°36.40′ **WASHINGTON H–10I, 12J, L–34G, A IAP, AD**
80 B LRA Class I, ARFF Index B NOTAM FILE ILG

RWY 09–27: H7275X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–524, 2D/2D2–1034 PCR 632 F/B/X/T HIRL
RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 61′. Trees.
RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 54′. Trees.
RWY 01–19: H7012X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–550, 2D/2D2–1056 PCR 441 F/B/X/T HIRL
RWY 01: MALSR. RVR–T Road.
RWY 19: REIL. PAPI(P4L)—GA 3.0° TCH 55′. RVR–R Trees.
RWY 14–32: H4602X150 (ASPH) S–111, D–181, 2D–328, 2D/2D2–763 PCR 400 F/B/X/T MIRL No Part 121/Part 380 Ops
RWY 14: Trees.
RWY 32: VASI(V4L)—GA 3.0° TCH 28′.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 01	09–27	4050
RWY 14	RWY 01–19	4450
RWY 19	14–32	5750
RWY 32	09–27	3600

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA–7012	TODA–7012	ASDA–7012	LDA–7012
RWY 09:	TORA–7275	TODA–7275	ASDA–7000	LDA–7000
RWY 14:	TORA–4602	TODA–4602	ASDA–4602	LDA–4602
RWY 19:	TORA–7012	TODA–7012	ASDA–7012	LDA–7012
RWY 27:	TORA–7275	TODA–7275	ASDA–7000	LDA–7000
RWY 32:	TORA–4602	TODA–4602	ASDA–4602	LDA–4602

ARRESTING GEAR/SYSTEM
RWY 19: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** When twr clsd ACTVT MALSR Rwy 01; REIL Rwy 09, Rwy 27 and Rwy 19; PAPI Rwy 09 and Rwy 27; HIRL Rwy 01–19 and Rwy 09–27; MIRL Rwy 14–32—CTAF.

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Rwy 09–27 no touch and go ldg for turbo jet 0400–1200Z‡. When twr clsd, pilots must announce intentions over CTAF before ldg, tkf or gnd travel on rwys and twys. When twr clsd announce emergencies on CTAF directly to ARFF station. Rwy 01 5000 ft dist rmng sign misg. Rwy 09 2000 ft dist rmng sign misg. Rwy 27 5000 ft dist rmng sign misg. Terminal apron clsd exc air carrier. Private gnd vehicles cross Twy A between Twy A4 and Twy C. Taxilane G northwest of Twy H ltd to acft with wingspan of 79′ or less. Taxilane G section between Twy H and Twy G1 ltd to acft with wingspan of 49′ or less. Terminal apron fence line 118 ft E of Twy A centerline. Rwy 14–32 nstd mil assault ldg zone (ALZ) lgtg. Ldg fee for all acft over 7,500 lbs exc federal government and Mil.

CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: (302) 229-6315
WEATHER DATA SOURCES: ASOS 123.95 (302) 217–3317.
COMMUNICATIONS: CTAF 126.0 **ATIS** 123.95 **UNICOM** 122.95)
Ⓡ **PHILADELPHIA APP/DEP CON** 118.35
WILMINGTON TOWER 126.0 (1130–0400Z‡) **GND CON** 121.7 **CLNC DEL** 119.95
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc PHL Apch at (800) 354-9884.
AIRSPACE: CLASS D svc 1130–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
DUPONT (L) (L) VORTACW 114.0 DQO Chan 87 N39º40.69´ W75º36.43´ at fld. 70/10W.
VOR unusable:
230º–265º byd 20 NM
TACAN AZIMUTH unusable:
230º–265º byd 20 NM
DME unusable:
230º–265º byd 20 NM
HADIN NDB (LOMW) 248 IL N39º34.88´ W75º36.84´ 013º 5.9 NM to fld. 21/10W. NOTAM FILE ILG.
ILS 110.3 I–ILG Rwy 01. Class IA. LOM HADIN NDB.

WYOMING

JENKINS (15N) 1 W UTC–5(–4DT) N39º07.04´ W75º35.07´ **WASHINGTON**
53 B NOTAM FILE MIV
RWY 12–30: 2035X70 (TURF) 0.4% up SE
RWY 12: Trees.
RWY 30: Trees.
SERVICE: S4 **LGT** ACTIVATE rotating bcn—122.8.
AIRPORT REMARKS: Attended continuously. Orchards either side of rwy may attract birds.
AIRPORT MANAGER: 302-697-7743
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RONALD REAGAN WASHINGTON NTL (See WASHINGTON on page 51)

SOUTH CAPITOL STREET HELIPORT (See WASHINGTON on page 52)

WASHINGTON

RONALD REAGAN WASHINGTON NTL (DCA)(KDCA) 3 S UTC–5(–4DT) N38°51.09´ W77°02.26´ **WASHINGTON COPTER**

14 B LRA Class I, ARFF Index C NOTAM FILE DCA **H–10H, 12I, L–29E, 34F, 36I, A IAP, AD**

RWY 01–19: H7169X150 (ASPH–GRVD) S–110, D–200, 2D–360 PCR 580 F/B/W/T HIRL CL

RWY 01: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 54´. RVR–TR Tower.

RWY 19: MALSF. PAPI(P4L)—GA 3.0° TCH 50´. RVR–TR Tree. Rgt tfc.

RWY 15–33: H5204X150 (ASPH–GRVD) S–110, D–200, 2D–360 PCR 540 F/B/W/T MIRL

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 36´. Trees. Rgt tfc.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 37´. Trees.

RWY 04–22: H5000X150 (ASPH–GRVD) S–110, D–200, 2D–360 PCR 420 F/B/W/T MIRL

RWY 04: REIL. PAPI(P4L)—GA 3.25° TCH 52´. Thld dsplcd 200´. Road.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45´. Ground. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA–6869 TODA–6869 ASDA–6869 LDA–6869

RWY 04: TORA–5000 TODA–5000 ASDA–5000 LDA–4800

RWY 15: TORA–5204 TODA–5204 ASDA–5204 LDA–5204

RWY 19: TORA–6869 TODA–6869 ASDA–6869 LDA–6869

RWY 22: TORA–4540 TODA–4540 ASDA–4400 LDA–4400

RWY 33: TORA–5204 TODA–5204 ASDA–5204 LDA–5204

ARRESTING GEAR/SYSTEM

RWY 04: EMAS

RWY 15: EMAS

RWY 33: EMAS

SERVICE: S2 **FUEL** JET A **LGT** Rwy 19 PAPI–4L consists of two PAPI–4L systems. Rwy 19 PAPI–4L is rotated 21 degs to right of cntrln. The rotated PAPI–4L system supports visual and instr apchs to Rwy 19. Adzy, acft on twy create tmpry obstn to PAPI–4L.

NOISE: NOTE: See Special Notices—District of Columbia Ronald Reagan Washington National Airport. Noise Abatement and Prohibited Area (P–56) Avoidance Procedures.

AIRPORT REMARKS: Attended continuously. Flocks of birds on and invof arpt; Fqt gull and geese and duck populations AB over adj river areas. Be advised some aircrews mistake Rwy 15 for Rwy 19. Left–hand turn–offs from Rwy 33 to Twy K prohibited. Ronald Reagan Washington National Arpt (KDCA) is an emerg use only fld for all DoD owned and opr acft. Lgt fm vehicle parking lot lctd 1000 ft SW of Rwy 01 could give false indications of being part of Rwy 01 apch lgt sys drg periods of reduced vis & low ceilings. Twy K ends at Gate 5. Acft arr/dep the general aviation parking area are prohibited from taxiing btn air carrier pushback ops and the gates. Trng flts that include multiple apchs and/or touch and go ops rqr prior permission from the arpt mgr. Rwy 19X exists to support the DCA LDA associated with the ILS. Twy N btn apch end Rwy 15 and Twy K clsd to acft wingspan more than 124 FT. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fees. NOTE: See Special Notices—Cautionary Area (CA) High Density of Helicopter and Fixed Wing Traffic. NOTE: See Special Notices—Arrival Alert.

AIRPORT MANAGER: 703-417-8050

WEATHER DATA SOURCES: ASOS 132.65 (276) 200–0159. LLWAS. TDWR.

COMMUNICATIONS: D–ATIS 132.65 (703) 419–3917 **UNICOM** 122.95

WASHINGTON RCO 122.2

Ⓡ **POTOMAC APP CON** 119.85 (West/South) 124.2 (East) 124.7

WASHINGTON TOWER 119.1 (121.275 Helicopters) **GND CON** 121.7 **CLNC DEL/PRE TAXI CLNC** 128.25

Ⓡ **POTOMAC DEP CON** 118.95 (West) 125.65 (East) 124.7

CPDLC (LOGON KUSA)

PDC

CONTINUED ON NEXT PAGE

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AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WASHINGTON (L) (L) VORW/DME 111.0 DCA Chan 47 N38º51.57´ W77º02.19´ at fld. 10/9W.

VOR unusable:

026º–070º byd 20 NM blo 5,000´
071º–075º byd 20 NM blo 7,000´
076º–105º byd 20 NM blo 5,000´
106º–111º byd 10 NM blo 2,500´
106º–125º byd 20 NM blo 8,000´
126º–145º byd 20 NM blo 5,500´
146º–155º byd 20 NM blo 6,000´
156º–170º blo 5,500´
171º–177º byd 20 NM blo 5,000´
178º–240º byd 20 NM blo 4,500´
241º–247º byd 20 NM blo 10,000´
248º–260º byd 20 NM blo 4,500´
261º–275º byd 20 NM blo 6,000´
276º–283º byd 20 NM blo 7,000´
284º–300º byd 20 NM blo 6,000´
301º–025º byd 20 NM blo 4,500´

DME unusable:

090º–165º byd 30 NM blo 3,000´
241º–247º byd 20 NM blo 10,000´
250º–270º byd 20 NM blo 2,500´
340º–040º byd 30 NM blo 2,500´

GEORGETOWN NDB (MHW) 323 GTN N38º55.79´ W77º07.45´ 148º 6.2 NM to fld. 104/9W.

ILS/DME 109.9 I–DCA Chan 36 Rwy 01. Class IIE.

LDA/DME 111.35 I–VWH Chan 50(Y) Rwy 19X. LOC offset angle 40 deg.

COMM/NAV/WEATHER REMARKS: Lcl flow tfc management turbo jet arr Ronald Reagan Washington National Twr in conjunction with the Washington ARTCC, has implemented a metering plan designed to minimize low alt holding, reduce radar vectors and speeds rqrg the extn of flaps and to provide for an orderly flow of tfc to the final apch crs. Dependent upon the arpt acceptance rate, in–trail spacing btn successive arr may necessitate using speed adjustments prior to reaching the Washington Terminal Area. Descent, under most cond, will be from arr fixes established 30 to 36 miles from the rwy end. Advance ntc as to where to exp descent and when to exp base leg should be given. It is imperative that pilots ctl their descent at a uniform rate to preclude intermediate alt restrictions. Procedures are based on a near idle thrust, 300´ per mile descent in still air cond.

SOUTH CAPITOL STREET HELIPORT (Ø9W) 0 N UTC–5(–4DT) N38º52.12´ W77º00.45´

WASHINGTON COPTER

10 B NOTAM FILE DCA

HELIPAD H1: H60X60 (ASPH) PERIMETER LGTS

HELIPAD H1: RLLS.

SERVICE: **FUEL** JET A LGT SS–SR. Helipad H1 perimeter.

HELIPORT REMARKS: Attended Mon–Fri 1200–0000Z‡ Sat– Sun 1600–0000Z‡. Open holidays upon reservation. Large loose grvl south and west of pavement. Helipad H1 75´ lgtd bridge 500´ east; 50´ stack 400´ west; 40´ bldg 60´ northeast. Ingress and egress routes northeast and southwest over Anacostia River.

AIRPORT MANAGER: 202-484-8616

COMMUNICATIONS: CTAF/UNICOM 123.05

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-599-3874.

WASHINGTON DULLES INTL (IAD)(KIAD) 20 W UTC–5(–4DT) N38°56.85´ W77°27.60´ **WASHINGTON COPTER**
312 B LRA Class I, ARFF Index E NOTAM FILE IAD **H–10H, 12I, L–29E, 34E, 36I, A IAP, AD**

RWY 01C–19C: H11500X150 (CONC–GRVD) S–200, D–250, 2D–450, 2D/2D2–875 PCR 1089 R/B/W/T HIRL CL
RWY 01C: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 70´. RVR–TMR
RWY 19C: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72´. RVR–TMR

RWY 01R–19L: H11500X150 (CONC–GRVD) S–200, D–250, 2D–450, 2D/2D2–875 PCR 1005 R/B/W/U HIRL CL
RWY 01R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72´. RVR–TMR
RWY 19L: ALSF2. PAPI(P4L)—GA 3.0° TCH 75´. RVR–TMR Pole. 0.3% up.

RWY 12–30: H10501X150 (CONC–GRVD) S–200, D–250, 2D–450, 2D/2D2–875 PCR 1108 R/B/W/T HIRL CL
RWY 12: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 66´. RVR–TR 0.3% down.
RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 84´. RVR–TR

RWY 01L–19R: H9400X150 (CONC–GRVD) S–200, D–250, 2D–450, 2D/2D2–875 PCR 1045 R/B/W/T HIRL CL
RWY 01L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70´. RVR–TMR 0.3% down.
RWY 19R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70´. RVR–TMR

RUNWAY DECLARED DISTANCE INFORMATION
RWY 01C: TORA–11500 TODA–11500 ASDA–11500 LDA–11500
RWY 01L: TORA–9400 TODA–9400 ASDA–9400 LDA–9400
RWY 01R: TORA–11500 TODA–11500 ASDA–11500 LDA–11500
RWY 12: TORA–10501 TODA–10501 ASDA–10501 LDA–10501
RWY 19C: TORA–11500 TODA–11500 ASDA–11500 LDA–11089
RWY 19L: TORA–11500 TODA–11500 ASDA–11500 LDA–11500
RWY 19R: TORA–9400 TODA–9400 ASDA–9400 LDA–9400
RWY 30: TORA–10501 TODA–10501 ASDA–10501 LDA–10501

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** Rwy status lgts are in opn.

AIRPORT REMARKS: Attended continuously. Large flocks of birds on and invof arpt/deer invof arpt. Pilots conducting EFVS ops; be aware LED ALS in use Rwy 01C. During periods of acft saturation long term parking may not be available. Services for fuel and go only will be available. Flt trng btn 0300–1200Z‡ prohibited. Itnrnt acft ctc FBO on 122.95 or 129.77 for svcs. ACR push backs and pwr from all apron positions rqr clnc from MWAA Ramp twr. B747–8 rstd to max taxi speed 17 kt (20 MPH) on Twy J. All acft with wingspan exceeding 118´ are rstd from using Taxilane A btn Taxilane A1 and A5. Txl E1 clsd to acft wingspan more than 118 ft. Engine run–ups btn 2200L and 0700L rqr prior apvl from arpt ops. Runup blx for Rwy 30 dsgnd as non–movement area. Taxilane C active, pushback clncs on North side of midfld terminal are onto Taxilane D only unless otherwise authorized. All 180° turns out of apron positions shall be made using minimum pwr. Rwy 30 departures use upper antenna for ATC communications. Cockpit over cntrln taxi prohibited at Twy Y int with Twy Y11. Judgemental oversteer rqred. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fee. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 703-572-2730

WEATHER DATA SOURCES: ASOS 134.85 (571) 250–7817. TDWR.

COMMUNICATIONS: D–ATIS 134.85 571–323–6374. **UNICOM** 122.95

Ⓡ **POTOMAC APP CON** 128.525 (091°–240°) 126.1 (331°–090°) 120.45 (241–330°) Air surveillance radar unavbl abv 15,000´.
TOWER 120.1 (Rwy 01R–19L) 120.25 (Rwy 01C–19C) 134.425 (Rwy 01L–19R, Rwy 12–30)
MIDFIELD RAMP CON 129.55
GND CON 121.625 (West) 121.9 (East) **CLNC DEL** 135.7
Ⓡ **POTOMAC DEP CON** 126.65 (190°–300°) 125.05 (300°–010°) Air surveillance radar unavbl abv 15,000´.
CPDLC (LOGON KUSA)
PDC

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.
ARMEL (L) (L) VORW/DME 113.5 AML Chan 82 N38°56.08´ W77°28.00´ at fld. 296/8W.
VOR unusable:
055°–092° blo 4,500´
093°–115°
116°–210° blo 4,500´
DME unusable:
055°–210° byd 28 NM blo 2,500´
211°–230° byd 30 NM blo 3,000´
ILS 111.3 I–OSZ Rwy 01C. Class IIE.
ILS/DME 110.75 I–OIU Chan 44(Y) Rwy 01L. Class IIIE. LOC unusable byd 25° left of course.
ILS/DME 110.1 I–IAD Chan 38 Rwy 01R. Class IIIE.
ILS 109.3 I–AJU Rwy 12. Class IE.
ILS 111.3 I–DLX Rwy 19C. Class IIIE.
ILS/DME 110.1 I–SGC Chan 38 Rwy 19L. Class IIE.
ILS/DME 110.75 I–ISU Chan 44(Y) Rwy 19R. Class IIIE.

WASHINGTON MANASSAS/HARRY P DAVIS FLD (HEF)(KHEF) 28 WSW UTC–5(–4DT) **WASHINGTON**
N38°43.26′ W77°30.91′ **COPTER**
192 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE HEF **H–10H, 12I, L–29E, 34E, 36I, A**
RWY 16L–34R: H6200X100 (ASPH–GRVD) S–50, D–140 HIRL **IAP, AD**
RWY 16L: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. Trees.
RWY 34R: MALSF. PAPI(P4L)—GA 3.0° TCH 40′. Trees. Rgt tfc.
RWY 16R–34L: H3715X75 (ASPH) S–30 MIRL 0.3% up N
RWY 16R: REIL. PAPI(P2L)—GA 3.0° TCH 54′. Tree. Rgt tfc.
RWY 34L: REIL. PAPI(P2L)—GA 3.0° TCH 43′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 4 **LGT** When ATCT clsd ACTVT MALSR Rwy 16L; MALSF Rwy 34R; REILS Rwy 16R & 34L; HIRL Rwy 16L–34R, MIRL Rwy 16R–34L—CTAF.
NOISE: Helicopter ops over residential areas blw 1000 ft should be avoided; ctc amgr 703–361–1882 for info.
AIRPORT REMARKS: Attended 1130–0330Z‡. Birds and deer on and invof arpt. ARFF Index B svcs avbl 1200–0000Z‡ daily, PPR 48 hrs for ARFF Index C or standby svc outside oprg hrs. Fee for addnl svc. Call ARFF at 703–587–6302. TPA—1200(1008) single engine and light twin acft, 1500(1308) med twin and turboprop acft, 1000(808) helicopter. Twy B safety area wid 44′ laterally east side fm Twy E to Twy G. U.S. Customs avbl Mon–Sun 1000–0400Z‡. Call Command Center 703–661–2800 for appointment. 24 hr notice required. All weekend flights must be arranged before 2200Z‡ on Fri before. Terminal apron for transient and US Customs parking. NOTE: See Special Notices—Arrival Alert.
AIRPORT MANAGER: 703-361-1882
WEATHER DATA SOURCES: AWOS–3PT (703) 361–6160
COMMUNICATIONS: CTAF 133.1 **ATIS** 125.175 (703) 361–6160
Ⓡ **POTOMAC APP/DEP CON** 128.525
TOWER 133.1 (1130–0330Z‡) **GND CON** 121.8
CLNC DEL 120.2 (When twr clsd)
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-709-4993.
AIRSPACE: CLASS D svc 1130–0330Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.
ARMEL (L) (L) VORW/DME 113.5 AML Chan 82 N38°56.08′ W77°28.00′ 198° 13.0 NM to fld. 296/8W.
VOR unusable:
055°–092° blo 4,500′
093°–115°
116°–210° blo 4,500′
DME unusable:
055°–210° byd 28 NM blo 2,500′
211°–230° byd 30 NM blo 3,000′
ILS 109.1 I–HEF Rwy 16L. Class IE.

ASHLAND

BRADFORD CAMPS SPB (ME3) 30 SW UTC–5(–4DT) N46º23.75´ W69º00.30´ **MONTREAL**
815 NOTAM FILE BGR
WATERWAY 16W–34W: 15000X1500 (WATER)
SEAPLANE REMARKS: Attended May–Nov dalgt hrs, Dec–Apr unattended. SPB CLOSED winter Nov–Apr, winter cell 207–746–7777 or at maine@bradfordcamps.com. For svcs call 207–433–0660. Acft monitor frequency 122.85. Flight following unreliable at low alts.
AIRPORT MANAGER: 207-433-0660
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

AUBURN/LEWISTON MUNI (LEW)(KLEW) 4 SW UTC–5(–4DT) N44º02.91´ W70º17.01´ **MONTREAL**
288 B NOTAM FILE LEW **H–11D, L–32H**
RWY 04–22: H5001X100 (ASPH–GRVD) S–30, D–108, 2S–137, 2D–180 HIRL **IAP, AD**
RWY 04: MALSR. PAPI(P4L)—GA 3.0º TCH 49´. Trees.
RWY 22: REIL. PAPI(P4L)—GA 3.5º TCH 35´. Trees.
RWY 17–35: H2750X75 (ASPH) S–30 MIRL 1.2% up S
RWY 17: Tree.
RWY 35: Tree.
SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 4 **LGT** ACTVT MALSR Rwy 04; REIL Rwy 22; HIRL Rwy 04–22 and MIRL Rwy 17–35—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Birds on and invof arpt. For fuel or svcs aft hrs call 207–784–6318. Intensive HOP dly fm 1000–0100Z‡. Hel tfc pat 788(500), right tfc. Rwy 04 dsgnd calm wind rwy. Acft de–icing avbl. Ocnl blasting in prog Mon–Sat aprxly 4,800–5,000´ SW of Rwy 04 thr 1600–2000Z‡ durg VFR conds only. Ldg fee.
AIRPORT MANAGER: 207-786-0631
WEATHER DATA SOURCES: AWOS–3PT 118.025 (207) 783–2806.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PORTLAND APP/DEP** CON 125.5 (1045–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500–1045Z‡)
CLNC DEL 124.05 **PRETAXI CLNC** 124.05
CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
AUGUSTA (VL) (DH) VORW/DME 114.95 AUG Chan 96(Y) N44º19.20´ W69º47.79´ 250º 26.6 NM to fld. 349/18W.
VOR unusable:
005º–015º byd 10 NM blo 7,000´
018º–050º byd 40 NM
055º–058º byd 40 NM
065º–089º byd 40 NM
075º–089º byd 25 NM blo 3,000´
090º–115º byd 15 NM
116º–175º byd 40 NM
116º–189º byd 25 NM blo 3,000´
188º–207º byd 40 NM
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
208º–213º byd 40 NM blo 3,000´
208º–213º byd 49 NM blo 7,000´
208º–213º byd 68 NM
225º–245º byd 40 NM
246º–256º byd 40 NM blo 7,000´
246º–256º byd 53 NM
257º–261º byd 40 NM
271º–275º byd 40 NM
300º–320º byd 40 NM blo 7,500´
321º–353º byd 40 NM blo 8,500´
DME unusable:
010º–070º byd 25 NM blo 7,000´
071º–143º byd 25 NM blo 3,000´
144º–154º byd 25 NM blo 7,000´
155º–189º byd 25 NM blo 3,000´
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
221º–285º byd 15 NM blo 6,000´
ILS/DME 108.9 I–LEW Chan 26 Rwy 04. Class IA.

AUGUSTA

AUGUSTA SPB (MØØ) 3 S UTC–5(–4DT) N44°16.05′ W69°46.90′ **MONTREAL**

23 NOTAM FILE BGR

WATERWAY 13W–31W: 2500X100 (WATER)

WATERWAY 13W: Trees. Rgt tfc.

WATERWAY 31W: Trees.

SEAPLANE REMARKS: Unattended. Daytime use only. Unmarked shoals E of sealane. Location has tidal fluctuation of 4′. Sealane poorly marked, irregular shaped channel. Docks removed durg winter months Oct–May.

AIRPORT MANAGER: 207-626-2306

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

AUGUSTA STATE (AUG)(KAUG) 1 NW UTC–5(–4DT) N44°19.24′ W69°47.84′ **MONTREAL**

352 B TPA—1400(1048) NOTAM FILE AUG **H–11D, L–32H**

RWY 17–35: H5002X100 (ASPH–GRVD) S–50, D–60 HIRL 0.7% up S **IAP, AD**

RWY 17: MALSR. PAPI(P4L)—GA 3.0° TCH 53′. Tree.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree.

RWY 08–26: H2613X75 (ASPH) S–30 MIRL

RWY 08: Trees.

RWY 26: Fence.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA–2613 TODA–2613 ASDA–2613 LDA–2613

RWY 17: TORA–5002 TODA–5002 ASDA–5002 LDA–5002

RWY 26: TORA–2613 TODA–2613 ASDA–2613 LDA–2613

RWY 35: TORA–5002 TODA–5002 ASDA–5002 LDA–5002

ARRESTING GEAR/SYSTEM

RWY 17: EMAS

RWY 35: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 17, REIL Rwy 35, PAPI Rwy 17 and Rwy 35, HIRL Rwy 17–35, MIRL Rwy 08–26—CTAF.

AIRPORT REMARKS: Attended 1200–0100Z‡. Arpt unatndd aft dark durg snow and ice season. Birds and deer on and invof arpt. Seagulls on and invof rwy intersections. Pilots conducting EFVS ops; be aware LED ALS in use Rwy 17. Fld cond rprts snow depths, BA may not be avbl for rwys fm 2300–1100Z‡. For 100LL aft nml bus hrs call 207–622–2507. Rwy 35 designated calm wind rwy. Rwy 17–35 have EMAS category B2. Twy F east clsd to all acft with wing span greater than 45′. Air carrier ramp clsd to general aviation tfc. Ldg fee for multi–engine acft, fee waived with fuel purchase.

AIRPORT MANAGER: 207-626-2306

WEATHER DATA SOURCES: ASOS 118.325 (207) 623–0432.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PORTLAND APP/DEP CON** 128.35 (1045–0500Z‡)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°–292°) 120.25 (293°–111°) (0500–1045Z‡)

CLNC DEL 119.95 299.2

CLEARANCE DELIVERY PHONE: For CD when Portland Apch clsd, ctc Boston ARTCC at 603-879-6859.

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AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

(VL) (DH) VORW/DME 114.95 AUG Chan 96(Y) N44º19.20´ W69º47.79´ at fld. 349/18W.

VOR unusable:
005º–015º byd 10 NM blo 7,000´
018º–050º byd 40 NM
055º–058º byd 40 NM
065º–089º byd 40 NM
075º–089º byd 25 NM blo 3,000´
090º–115º byd 15 NM
116º–175º byd 40 NM
116º–189º byd 25 NM blo 3,000´
188º–207º byd 40 NM
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
208º–213º byd 40 NM blo 3,000´
208º–213º byd 49 NM blo 7,000´
208º–213º byd 68 NM
225º–245º byd 40 NM
246º–256º byd 40 NM blo 7,000´
246º–256º byd 53 NM
257º–261º byd 40 NM
271º–275º byd 40 NM
300º–320º byd 40 NM blo 7,500´
321º–353º byd 40 NM blo 8,500´

DME unusable:
010º–070º byd 25 NM blo 7,000´
071º–143º byd 25 NM blo 3,000´
144º–154º byd 25 NM blo 7,000´
155º–189º byd 25 NM blo 3,000´
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
221º–285º byd 15 NM blo 6,000´

DUNNS NDB (LOMW) 366 AU N44º24.66´ W69º51.64´ 171º 6.1 NM to fld. 238/18W.

ILS 108.7 I–AUG Rwy 17. Class IB. LOM DUNNS NDB. Glideslope unusable byd 5º right side of LOC course; blw 430´; byd 9 NM. LOC unusable fm 0.5 NM to thld abv 1,500´. Autopilot cpd apch NA blw 570´ MSL.

BANGOR

BANGOR INTL (BGR)(KBGR) P (ANG ARNG) 3 W UTC–5(–4DT) N44°48.45′ W68°49.69′ **HALIFAX**
192 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE BGR **H–11D, L–32I**
RWY 15–33: H11440X200 (ASPH–GRVD) S–100, D–210, 2D–400 PCR 735 R/B/W/U HIRL CL **IAP, DIAP, AD**
RWY 15: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 55′. RVR–TMR 0.4% down.
RWY 33: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 57′. RVR–TMR Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–11440 TODA–11440 ASDA–11440 LDA–11440
RWY 33: TORA–11440 TODA–11440 ASDA–11440 LDA–11440
SERVICE: S4 **FUEL** 100LL, JET A **OX** 2, 4 **MILITARY— JASU** 1(MD–3) 1(MC–11) (MA–1A) **FUEL** A++(Mil), A, A+ (C207–992–4600) (NC–100LL) **FLUID** SP PRESAIR LPOX LOX –Off–base contracted LOX avbl H24–rqr 24 hr notice. **OIL** O–133–148(Mil)
AIRPORT REMARKS: Attended continuously. TPA for turbo jet acft is 2000(1808) unless otherwise instructed. ARFF Index B with Index E capabilities avbl 24/7. Flight Notification Service (ADCUS) available.
MILITARY REMARKS: Transient acft may be diverted to civilian side during non–duty hrs & weekends. Fee required; no ANG transient alert. **CAUTION** Bash Phase II period Sep–Nov, Apr–May. Expect increased bird activity. Ctc Base Ops/Command Post/SOF for current bird watching cond. **MISC** Rwy 15–33 grooved. **ANG** Opr 1100–1930Z‡ Mon–Fri, clsd weekends and hol. PPR rqr for ANG ramp. Ctc afld mgmt DSN 698–7232, C207–404–7232 for PPR dur opr hrs. Pre–coord all transportation requirements and and haz cargo with PPR rqr. PPR valid +/– 1 hr unless prior coord. 3 hr out call, 30 min out call 311.0 to CFM customs/AG and tran svc. Comd post C207–404–7788 24 hrs. **ARNG** Opr 1230–2100Z‡ Mon–Fri exc hol. Ltd maint. J8. PPR May–Oct svc DSN 626–1100.
AIRPORT MANAGER: 207-992-4600
WEATHER DATA SOURCES: ASOS 127.75 (207) 561–2515.
COMMUNICATIONS: ATIS 127.75 (207–561–2524) **UNICOM** 122.95
Ⓡ **APP/DEP CON** 118.925 124.5
TOWER 120.7 **GND CON** 121.9 **CLNC DEL** 135.9
AIRSPACE: CLASS C svc ctc **APP CON**.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
(VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 155° 2.8 NM to fld. 360/19W.
ILS/DME 109.5 I–JVH Chan 32 Rwy 15. Class IIIE. DME also serves Rwy 33.
ILS/DME 109.5 I–BGR Chan 32 Rwy 33. Class IIE. DME also serves Rwy 15. DME unusable byd 26° r of course.
ASR

• • • • • • • • • • • • • • • • • •

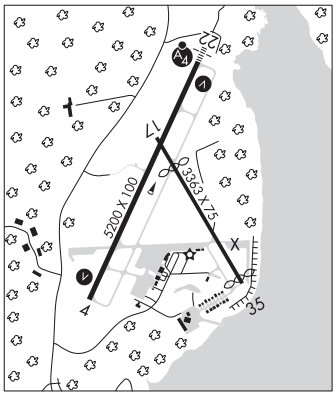
HELIPAD H1: H100X100 (CONC)

LUCKY LANDING MARINA SPB (Ø6B) 7 N UTC–5(–4DT) N44°54.42′ W68°48.30′ **HALIFAX**
115 LRA NOTAM FILE BGR
WATERWAY 02W–20W: 15000X4000 (WATER)
WATERWAY 02W: Rgt tfc.
SEAPLANE REMARKS: Unattended. Water ldg area not marked. Rwy 02W wires on shore marked.
AIRPORT MANAGER: 207-974-2011
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.

BANKS (See SWANS ISLAND on page 87)

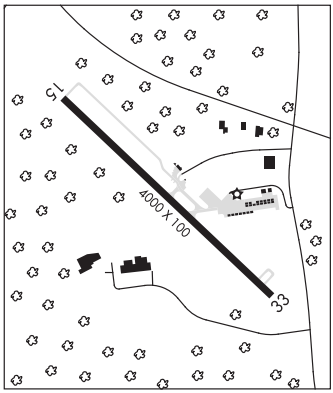
BAR HARBOR

HANCOCK CO/BAR HARBOR (BHB)(KBHB) 8 NW UTC–5(–4DT) N44°26.98′ W68°21.69′ **HALIFAX**
83 B Class IV, ARFF Index A NOTAM FILE BHB **H–11D, L–32I**
RWY 04–22: H5200X100 (ASPH) D–72, 2S–91, 2D–100 **IAP**
PCR 350 F/D/X/T HIRL
RWY 04: REIL. VASI(V4L)—GA 3.0° TCH 55′. Trees.
RWY 22: MALSF. VASI(V4L)—GA 3.0° TCH 55′.
RWY 17–35: H3363X75 (ASPH) S–13, D–20 PCR 40 F/D/Y/U
1.1% up N No Part 121/Part 380 Ops
RWY 17: Thld dsplcd 684′. Tree.
RWY 35: Thld dsplcd 111′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–5200 TODA–5200 ASDA–5200 LDA–5200
RWY 22: TORA–5200 TODA–5200 ASDA–5200 LDA–5200



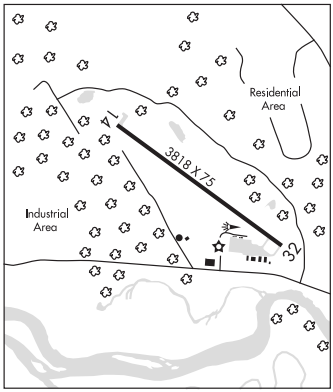
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTVT MALSF Rwy 22, REIL Rwy 04, VASI Rwy 04 and 22, HIRL Rwy 04–22—122.7.
NOISE: Durg VFR conds when wind speed less than 5 kts as rprtd by AWOS or UNICOM, all acft using Rwy 04–22 are reqd to tkof and land on Rwy 22 for noise abatement procs.
AIRPORT REMARKS: Attended 1300–2300Z‡. Birds on and invof arpt. Grass areas unavbl for acft ops. Seaplane ramp unavbl for acft ops exc PPR 207–667–7329. FICON not mnt Mon–Fri 0200–1230Z‡, wkends & hols. Rwy 04–22 due to hump at midpoint, opposite ends of rwy not visible at gnd level. 48 hr PPR for unsked ACR ops at least 31 pax seats. Ctc amgr. PPR for overweight ldgs. PPR for unsked ACR ops rqrg 14 CFR 139 ARFF. Ctc amgr. Twy B clsd to all acft greater than 10,000 lbs. Twys F and Twy G clsd Dec 1–Mar 31 annually. Lndg fee.
AIRPORT MANAGER: 207-667-7329
WEATHER DATA SOURCES: AWOS–3PT 118.35 (207) 667–7364.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BANGOR APP/DEP CON** 133.6
CLNC DEL 119.9
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 156° 32.2 NM to fld. 360/19W.
ILS/DME 108.3 I–BHB Chan 20 Rwy 22. Class IB.
COMM/NAV/WEATHER REMARKS: If CD freq unavbl ctc Bangor Apch at 207–561–2500 extn 1.

BELFAST MUNI (BST)(KBST) 1 SW UTC–5(–4DT) N44°24.56′ W69°00.71′ **MONTREAL**
198 B NOTAM FILE BGR **L–32I**
RWY 15–33: H4000X100 (ASPH) S–30 MIRL 1.0% up NW **IAP**
RWY 15: REIL.
RWY 33: REIL.

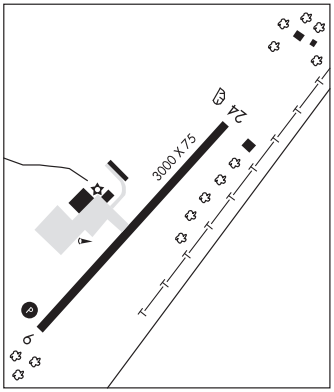


SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 15 and 33; MIRL Rwy 15–33—CTAF.
AIRPORT REMARKS: Attended irregularly. Call 603–970–1947 to ctc amgr. Deer and birds on and invof arpt. Sfc cond rprtd daily 1400–2200Z‡ Dec–Mar. 800 ft x 30 ft parl turf ldg area E of rwy and N of Twy B. Call 603–970–1947 for wint avbl. Lndg fee waived with fuel purchase–ctc amgr.
AIRPORT MANAGER: 603-970-1947
WEATHER DATA SOURCES: AWOS–AV 122.975 (207) 930–7071. (WX CAM)
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **BANGOR APP/DEP CON** 118.925
CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 212° 26.6 NM to fld. 360/19W.
COMM/NAV/WEATHER REMARKS: AWOS avbl — CTAF–2 clicks or call (207)–930–7071.

BETHEL RGNL (ØB1) 2 NW UTC–5(–4DT) N44°25.51′ W70°48.60′ **MONTREAL L–32H IAP**
674 B NOTAM FILE 0B1
RWY 14–32: H3818X75 (ASPH) MIRL 0.5% up NW
RWY 14: Tree.
RWY 32: REIL.
SERVICE: **FUEL** 100LL **LGT** Lgtd windsock and apron lgts on continuously at night. ACTVT REIL 32; MIRL Rwy 14–32—CTAF.
AIRPORT REMARKS: Unattended. Turkeys and geese on or invof arpt. Self–serve avbl 24 hrs with credit card. Unlighted mountainous terrain. Arpt sfc conditions unmonitored between 0200–1300Z‡ daily. For rwy cond or other info, ctc arpt information line 207–512–5552. Powered parachute activity occasionally in terminal area. Unmanned acft within 3 NM radius of arpt sfc–400′ AGL daily SR–SS. Fees for parking and tie–downs. Elec hook–up avbl. Cold temperature airport. Altitude correction required at or below –22C.
AIRPORT MANAGER: 207-381-0202
WEATHER DATA SOURCES: AWOS–3P 119.075 (207) 512–2516.
COMMUNICATIONS: CTAF 122.9
Ⓡ **PORTLAND APP/DEP CON** 125.5 (1045–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500–1045Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BML.
BERLIN (DH) DME 116.55 BML Chan 112(Y) N44°38.01′ W71°11.17′ 128° 20.4 NM to fld. 1730.
DME unusable:
080°–125° blo 10,000′
188°–198° blo 10,000′
275°–292° blo 10,000′



BIDDEFORD MUNI (B19) 2 S UTC–5(–4DT) N43°27.85′ W70°28.34′ **NEW YORK L–32H IAP**
157 B TPA—995(838) NOTAM FILE BGR
RWY 06–24: H3000X75 (ASPH) S–25 MIRL 0.3% up NE
RWY 06: REIL. PAPI(P4L)—GA 3.5° TCH 31′. Brush.
RWY 24: Brush.
SERVICE: **FUEL** 100LL **LGT** ACTVT REIL Rwy 06; PAPI Rwy 06; MIRL Rwy 06–24—CTAF.
NOISE: Noise abatement ctc AMGR for dtls.
AIRPORT REMARKS: Attended Mon–Thur 1500–2100Z‡, Sat–Sun 1400–2100Z‡. Deer and turkeys on and invof arpt. Ultralight and prcht act on and invof arpt. 24 hr fuel w/major credit card–self svc. Rwy 24 calm wind rwy.
AIRPORT MANAGER: 207-282-1579
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **PORTLAND APP/DEP CON** 119.75 (1045–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500–1045Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (VH) (DH) VORW/DME 117.1 ENE Chan 118
N43°25.54′ W70°36.81′ 086° 6.6 NM to fld. 192/17W.
DME unusable:
030°–184° byd 25 NM blo 2,000′
185°–230° byd 25 NM blo 2,500′
268°–278° byd 30 NM blo 4,600′
VOR unusable:
017°–040° byd 40 NM
130°–133° byd 40 NM
192°–202° byd 40 NM blo 2,500′
192°–202° byd 48 NM blo 5,000′
192°–202° byd 69 NM
203°–294° byd 40 NM
295°–305° byd 40 NM blo 5,000′
295°–305° byd 52 NM
306°–359° byd 40 NM



BOWDOINHAM

MERRYMEETING FLD (Ø8B) 1 SE UTC–5(–4DT) N44º00.00´ W69º53.23´ **MONTREAL**
61 NOTAM FILE BGR
RWY 14–32: 1935X100 (TURF)
RWY 14: Thld dsplcd 425´. Trees.
RWY 32: Thld dsplcd 143´. Trees.
AIRPORT REMARKS: Attended irregularly. Call for rwy conditions prior to ldg. Wildlife on or invof arpt. Winter ops (Nov 1–May 1) skis only, rwy not plowed. Rwy 14 has +15´ roadway 95´ rgt and +15´ building 125´ left at thld. No line of sight between rwy ends.
AIRPORT MANAGER: 781-864-7011
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

BOWMAN FLD (See LIVERMORE FALLS on page 74)

BRADFORD CAMPS SPB (See ASHLAND on page 55)

BREWER (ØB2) 2 S UTC–5(–4DT) N44º45.83´ W68º46.07´ **HALIFAX**
125 TPA—725(600) NOTAM FILE BGR
RWY 01–19: 1730X30 (TURF) 0.3% up N
RWY 01: Brush. Rgt tfc.
RWY 19: Trees.
SERVICE: S2
AIRPORT REMARKS: Unattended. +25 ft power line 460ft N of Rwy 19 end. Rwy 01–19 +35 ft trees and brush 30 ft to 125 ft from centerline along east side. Rwy 19 +25 ft house 80 ft from thr, 50 ft right of cntrln. Wildlife on or invof arpt. Public golf course at EOR 01. During winter ski only ops. Make all apch/deps to east of arpt. Rwy 01–19 cntr 50 ft mowed.
AIRPORT MANAGER: 207-299-4086
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.

BRUNSWICK EXEC (BXM)(KBXM) 2 SE UTC–5(–4DT) N43º53.54´ W69º56.33´ **NEW YORK H–11D, L–32H IAP**
75 B NOTAM FILE BGR
RWY 01L–19R: H8000X200 (ASPH–CONC) HIRL
RWY 01L: PAPI(P4L)—GA 3.0º TCH 50´. Rgt tfc.
RWY 19R: PAPI(P4L)—GA 3.0º TCH 52´.
RWY 01R–19L: H8000X200 (ASPH–CONC) HIRL
RWY 01R: MALSR. PAPI(P4L)—GA 3.0º TCH 51´. Rgt tfc.
RWY 19L: REIL. PAPI(P4L)—GA 3.0º TCH 53´.
SERVICE: S4 **FUEL** 100LL, JET A+ **OX** 1, 2, 3, 4 **LGT** ACTIVATE MALSR Rwy 01R, REIL Rwy 19L, PAPI Rwy 01R and Rwy 19L, HIRL Rwy 01R–19L—CTAF.
AIRPORT REMARKS: Attended 1200–0000Z‡. Birds and deer invof arpt. Rwy 01L–19R CLOSED indef. Rwy 19L calm wind rwy.
AIRPORT MANAGER: 207-406-2081
WEATHER DATA SOURCES: AWOS–3PT 134.875 (207) 409–1747. Frequency: 2 clicks to actvt.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **PORTLAND APP/DEP CON** 119.75 (112º–292º) 120.4 (293º–111º) 1045–0500Z‡
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 0500–1045Z‡
CLNC DEL 123.65
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

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AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VORW/DME 114.95 AUG Chan 96(Y) N44º19.20´ W69º47.79´ 212º 26.4 NM to fld. 349/18W.

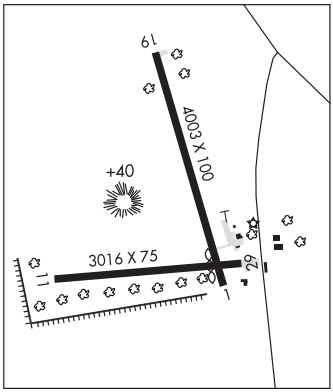
VOR unusable:
005º–015º byd 10 NM blo 7,000´
018º–050º byd 40 NM
055º–058º byd 40 NM
065º–089º byd 40 NM
075º–089º byd 25 NM blo 3,000´
090º–115º byd 15 NM
116º–175º byd 40 NM
116º–189º byd 25 NM blo 3,000´
188º–207º byd 40 NM
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
208º–213º byd 40 NM blo 3,000´
208º–213º byd 49 NM blo 7,000´
208º–213º byd 68 NM
225º–245º byd 40 NM
246º–256º byd 40 NM blo 7,000´
246º–256º byd 53 NM
257º–261º byd 40 NM
271º–275º byd 40 NM
300º–320º byd 40 NM blo 7,500´
321º–353º byd 40 NM blo 8,500´

DME unusable:
010º–070º byd 25 NM blo 7,000´
071º–143º byd 25 NM blo 3,000´
144º–154º byd 25 NM blo 7,000´
155º–189º byd 25 NM blo 3,000´
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
221º–285º byd 15 NM blo 6,000´

ILS/DME 109.3 I–BXM Chan 30 Rwy 01R. Class IT. ILS Rwy 01R unmonitored btn 0300–1100Z‡.

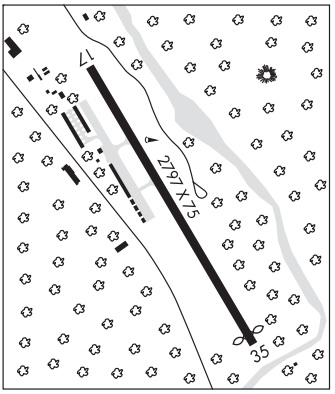
BUCKHORN CAMPS SPB (See NORCROSS(MILLINOCKET) on page 77)

CARIBOU MUNI (CAR)(KCAR) 1 NW UTC–5(–4DT) N46°52.30′ W68°01.09′
620 B TPA—See Remarks AOE NOTAM FILE CAR
RWY 01–19: H4003X100 (ASPH) S–30 MIRL
RWY 01: Ground.
RWY 11–29: H3016X75 (ASPH) S–30 MIRL
RWY 29: Thld dsplcd 398′. Bldg.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwys 01–19 and 11–29—CTAF.
AIRPORT REMARKS: Unattended. 24 hr fuel avbl with credit card. TPA 800′ AGL light acft, 1000′ AGL multi and large single engine acft. Rwy 01 +23′ pwr pole and +26′ trees, 950′ fm thr acrs apch. Rwy 01–19 obstruction lgts along both sides of primary sfc and tree line. Flight Notification Service (ADCUS) available.
AIRPORT MANAGER: 207-551-9442
WEATHER DATA SOURCES: ASOS 135.125 (207) 544–7089.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.3 (BANGOR RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 124.75 **CLNC DEL** 124.75 (Boston Center)
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859 .
RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.
PRESQUE ISLE (VH) (DH) VORW/DME 116.4 PQI Chan 111
N46°46.45′ W68°05.67′ 049° 6.6 NM to fld. 592/21W.
DME unusable:
180°–200° byd 30 NM blo 3,400′
VOR unusable:
000°–030° byd 40 NM
040°–070° byd 40 NM
080°–090° byd 40 NM
130°–165° byd 40 NM
180°–185° byd 40 NM
200°–210° byd 40 NM
220°–235° byd 40 NM blo 19,000′
236°–260° byd 40 NM
270°–280° byd 40 NM
286°–296° byd 40 NM blo 8,000′
286°–296° byd 81 NM
300°–355° byd 40 NM



CARRABASSETT

SUGARLOAF RGNL (B21) 1 N UTC–5(–4DT) N45°05.12′ W70°12.98′ **MONTREAL**
880 TPA—2880(2000) NOTAM FILE BGR **L–32H**
RWY 17–35: H2797X75 (ASPH) S–12 0.8% up N **IAP**
RWY 17: Road.
RWY 35: Thld dsplcd 89′. Bldg.
SERVICE: **FUEL** 100LL, MOGAS
AIRPORT REMARKS: Unattended. VFR ops only. Deer, moose and turkey on and invof arpt. Call 207–350–1415 to ck arpt conds. High trrn 4237 ft MSL north/east/west of arpt. Bring own tie down ropes or chains.
AIRPORT MANAGER: 207-350-1415
WEATHER DATA SOURCES: AWOS–AV 120.0.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 120.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
AUGUSTA (VL) (DH) VORW/DME 114.95 AUG Chan 96(Y)
N44°19.20′ W69°47.79′ 357° 49.3 NM to fld. 349/18W.
VOR unusable:
005°–015° byd 10 NM blo 7,000′
018°–050° byd 40 NM
055°–058° byd 40 NM
065°–089° byd 40 NM
075°–089° byd 25 NM blo 3,000′
090°–115° byd 15 NM
116°–175° byd 40 NM
116°–189° byd 25 NM blo 3,000′
188°–207° byd 40 NM
190°–205° byd 10 NM blo 5,000′
206°–220° byd 25 NM blo 3,000′
208°–213° byd 40 NM blo 3,000′
208°–213° byd 49 NM blo 7,000′
208°–213° byd 68 NM
225°–245° byd 40 NM
246°–256° byd 40 NM blo 7,000′
246°–256° byd 53 NM
257°–261° byd 40 NM
271°–275° byd 40 NM
300°–320° byd 40 NM blo 7,500′
321°–353° byd 40 NM blo 8,500′
DME unusable:
010°–070° byd 25 NM blo 7,000′
071°–143° byd 25 NM blo 3,000′
144°–154° byd 25 NM blo 7,000′
155°–189° byd 25 NM blo 3,000′
190°–205° byd 10 NM blo 5,000′
206°–220° byd 25 NM blo 3,000′
221°–285° byd 15 NM blo 6,000′



CENTRAL MAINE/NORRIDGEWOCK (See NORRIDGEWOCK on page 78)

CHARLES A CHASE JR MEML FLD (See DOVER/FOXCROFT on page 66)

CHESUNCOOK

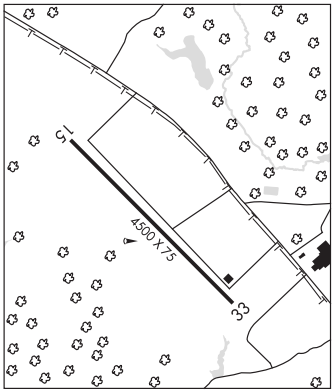
CHESUNCOOK LAKE HOUSE SPB (1ME) 0 N UTC–5(–4DT) N46°03.65′ W69°24.57′ **MONTREAL**
942 NOTAM FILE BGR
WATERWAY ALL–WAY: 15000X1100 (WATER)
SEAPLANE REMARKS: Attended irregularly. Unattended in Apr. Fuel avbl only in emerg. For svcs call 207–745–5330 in advance. Longest length avbl northwest/southeast.
AIRPORT MANAGER: 207-745-5687
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

NUGENT CHAMBERLAIN LAKE SPB (39B) 11 NE UTC–5(–4DT) N46°12.15′ W69°14.42′ **MONTREAL**
945 NOTAM FILE BGR
WATERWAY 13W–31W: 15000X1100 (WATER)
SEAPLANE REMARKS: Attended continuously. For svcs call 207–944–5991 in advance.
AIRPORT MANAGER: 207-944-5991
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

CURRIER'S SPB (See GREENVILLE JUNCTION on page 71)

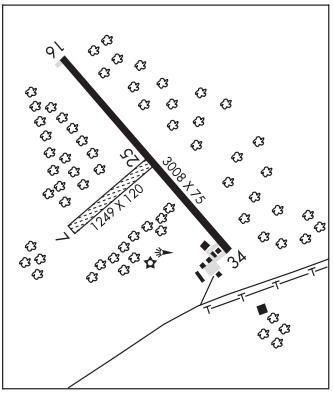
CUTLER RGNL (ME2) 2 W UTC–5(–4DT) N44°40.80′ W67°15.86′ **HALIFAX**
55 NOTAM FILE BGR
RWY 09–27: 2950X40 (GRVL)
RWY 09: P–line.
RWY 27: Tree. Rgt tfc.
AIRPORT REMARKS: Unattended. Arpt clsd Nov through Apr. Wildlife on and invof arpt. Land Rwy 27 when wind is lgt and variable. Rwy 09–27 grvl stabilzed with grass. Rwy 09–27 center 20′ of rwy well mowed.
AIRPORT MANAGER: 207-266-3797
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

DEBLOIS FLIGHT STRIP (43B) 2 SE UTC–5(–4DT) N44°43.61′ W67°59.48′ **HALIFAX**
218 NOTAM FILE BGR **L–32I**
RWY 15–33: H4500X75 (ASPH) S–84, D–200, 2D–400 **IAP**
AIRPORT REMARKS: Unattended. Clsd winter months except to ski acft. Pavement drop–offs at thlds of Rwy 15 and Rwy 33 in excess of 5". Rwy could have loose grvl trkd onto sfc by vehicular tfc. Men and equip could be near or on rwy sfc durg summer months. Dalgt use only. Rwy 15 nrs and cntrln faded or misg. Rwy 33 nrs and cntrln faded or misg.
AIRPORT MANAGER: 207-941-4502
COMMUNICATIONS: CTAF 122.9
Ⓡ **BOSTON CENTER APP/DEP CON** 124.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 119° 38.3 NM to fld. 360/19W.



DEWITT FLD/OLD TOWN MUNI (See OLD TOWN on page 79)

DEXTER RGNL (1BØ) 3 E UTC–5(–4DT) N45°00.27′ W69°14.25′ **MONTREAL**
533 B NOTAM FILE BGR **L–32H**
RWY 16–34: H3008X75 (ASPH) S–30 MIRL **IAP**
RWY 07–25: 1249X120 (TURF) 0.6% up W
SERVICE: **FUEL** 100LL, MOGAS **LGT** ACTIVATE MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Unattended. 24 hr fuel with major credit card, no ethanol in MOGAS. Wildlife on or invof arpt. Txl A clsd to acft with wingspan gtr than 36 ft. Txl A rstrd to based acft only.
AIRPORT MANAGER: 207-270-0239
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BANGOR APP/DEP CON** 118.925
CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 321° 18.3 NM to fld. 360/19W.



DOVER/FOXCROFT

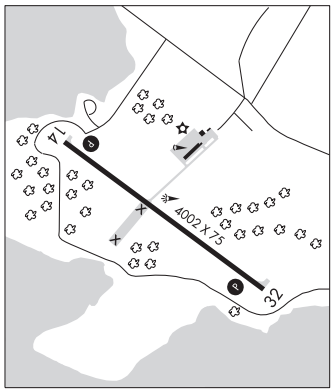
CHARLES A CHASE JR MEML FLD (44B) 1 SW UTC–5(–4DT) N45°10.65′ W69°14.68′ **MONTREAL**
520 NOTAM FILE BGR
RWY 09–27: 2926X75 (TURF) 1.3% up E
RWY 09: Trees.
RWY 27: Trees.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. Rwy 09–27 thlds unmarked and undefined. Rwy 09–27 has 2"+ rock in center of rwy 400′–600′ from Rwy 9 thld. No line of sight between rwy ends. Rwy 27 +12′ rock and dirt pile 250′ from thld and 90′ right. Rwy 27 +10′ roadway 110′ from thld across the rwy. Rwy 27, +60′ trees 300′ from thld across apch.
AIRPORT MANAGER: 207-852-1881
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

DUNNS N44°24.66′ W69°51.64′ NOTAM FILE AUG. **MONTREAL**
NDB (LOMW) 366 AU 171° 6.1 NM to Augusta State. 238/18W. **L–32H**

EAST WINTHROP

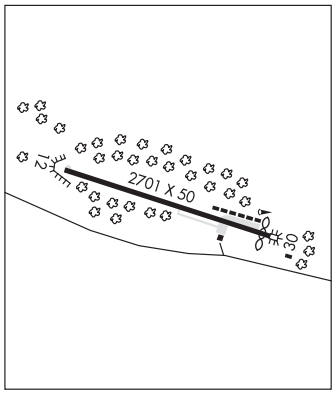
LAKESIDE LODGE AND MARINA SPB (Ø3M) 4 E UTC–5(–4DT) N44°18.91′ W69°53.22′ **MONTREAL**
165 NOTAM FILE BGR
WATERWAY 02W–20W: 3800X200 (WATER)
SEAPLANE REMARKS: Attended 1200–0200Z‡. Daytime use only. Hvy boat tfc on wkends. For fuel check at motel. Rwy 02W end east of lighthouse, Rwy 20W end east of south tip Hershey Island.
AIRPORT MANAGER: 207-395-6741
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

EASTPORT MUNI (EPM)(KEPM) 1 W UTC–5(–4DT) N44°54.61′ W67°00.76′ **HALIFAX L–32I IAP**
45 B LRA NOTAM FILE EPM
RWY 14–32: H4002X75 (ASPH) S–30 MIRL
RWY 14: REIL. PAPI(P2L)—GA 3.1° TCH 53′. Tree.
RWY 32: REIL. PAPI(P2L)—GA 3.28° TCH 44′.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 14 and 32; PAPI Rwy 14 and 32; MIRL Rwy 14–32–2 clicks—CTAF. Wind indicator: ACTVT—CTAF–2 clicks. Rwy 14 PAPI unusbl byd 6 degs L of cntrln.
AIRPORT REMARKS: Attended on call: contact Airport Manager 207–214–4751. Deer and nmrs birds on and invof rwy. 24 hr self–svc fuel avbl with credit card. Jet–A fuel pump lmtd to ovr wing gravity rflg ops. 40–50 ft obstn lgts on poles 250 ft R of cntrln near Rwy 14 end & apch area. Req cust at 207–853–4313.
AIRPORT MANAGER: 207-214-4751
WEATHER DATA SOURCES: AWOS–AV 122.8 (207) 853–0682. Frequency: 3 clicks to actvt.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 124.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
PRINCETON (L) DME 114.3 PNN Chan 90 N45°19.75′ W67°42.25′ 130° 38.7 NM to fld. 398.
DME unusable:
300°–330° byd 25 NM blo 4,500′



ELIOT

SEACOAST AIRFIELD (3B4) 2 SE UTC–5(–4DT) N43°08.59′ W70°46.41′ **NEW YORK L–32H, 33D**
125 NOTAM FILE BGR
RWY 12–30: H2701X50 (ASPH) S–8 0.7% up NW
RWY 12: Trees.
RWY 30: Thld dsplcd 86′. Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED indef. Birds & deer on & invof arpt.
AIRPORT MANAGER: 949-378-8405
COMMUNICATIONS: CTAF 122.9
Ⓡ **BOSTON APP/DEP CON** 125.05
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5551.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
ROLLINS NDB (MHW) 260 ESG N43°13.21′ W70°49.70′ 168° 5.2 NM to fld. 72/16W.



FORT KENT MUNI (7ME) 3 SSE UTC–5(–4DT) N47°12.21′ W68°34.77′ **HALIFAX L–32I**
708 NOTAM FILE BGR Not insp.
RWY 18–36: 2140X90 (TURF)
AIRPORT MANAGER: 207-231-2286
COMMUNICATIONS: CTAF 122.9

FRENCHVILLE

NORTHERN AROOSTOOK RGNL (FVE)(KFVE) 3 E UTC–5(–4DT) N47°17.13′ W68°18.76′ **HALIFAX L–32I IAP**

987 B LRA NOTAM FILE FVE

RWY 14–32: H4600X75 (ASPH) S–25 MIRL

RWY 14: REIL.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 40′.

SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 14 and 32; PAPI Rwy 32; MIRL Rwy 14–32—CTAF.

AIRPORT REMARKS: Attended Mon–Fri 1330–2200Z‡, Sat and Sun 1500–2100Z‡. Wildlife on and invof arpt. For fuel aft hrs call AMGR 207–436–1350. Ldg fee.

AIRPORT MANAGER: 207-543-6300

WEATHER DATA SOURCES: ASOS 135.725 (207) 543–7456.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **BOSTON CENTER APP/DEP CON** 124.75

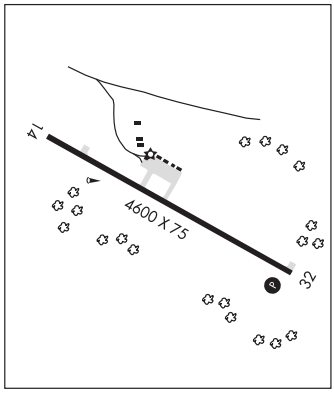
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.

PRESQUE ISLE (VH) (DH) VORW/DME 116.4 PQI Chan 111
N46°46.45′ W68°05.67′ 005° 32.0 NM to fld. 592/21W.

DME unusable:
180°–200° byd 30 NM blo 3,400′

VOR unusable:
000°–030° byd 40 NM
040°–070° byd 40 NM
080°–090° byd 40 NM
130°–165° byd 40 NM
180°–185° byd 40 NM
200°–210° byd 40 NM
220°–235° byd 40 NM blo 19,000′
236°–260° byd 40 NM
270°–280° byd 40 NM
286°–296° byd 40 NM blo 8,000′
286°–296° byd 81 NM
300°–355° byd 40 NM



FRYEBURG

WHITE MOUNTAIN RGNL (IZG)(KIZG) 3 SE UTC–5(–4DT) N43°59.47′ W70°56.87′ **NEW YORK**
455 B NOTAM FILE IZG **L–32H**
RWY 14–32: H4200X75 (ASPH) S–30 MIRL 0.8% up NW **IAP**
RWY 32: REIL. VASI(V2L)—GA 3.0° TCH 17′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT MIRL Rwy 14–32—CTAF. Rwy 32 VASI unusbl byd 7° L and R of cntrln.
AIRPORT REMARKS: Attended 1300–2200Z‡. Birds and deer on and invof arpt. 24 hr credit card fuel: For 100LL, call–out fee, for Jet A after hrs 207–935–4711 (FBO). Lgtd hills in apch to Rwy 14, 4500′ north, 7000′ southwest, 10000′ northwest. Cold temperature airport. Altitude correction required at or below –28C.
AIRPORT MANAGER: 207-935-4711
WEATHER DATA SOURCES: ASOS 135.775 (207) 275–5105.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PORTLAND APP/DEP CON** 119.75 (1045–0500Z‡)
BOSTON CENTER APP/DEP CON 128.2 (0500–1045Z‡)
CLNC DEL 122.55 (BANGOR RADIO)
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (VH) (DH) VORW/DME 117.1 ENE Chan 118
N43°25.54′ W70°36.81′ 354° 36.9 NM to fld. 192/17W.
DME unusable:
030°–184° byd 25 NM blo 2,000′
185°–230° byd 25 NM blo 2,500′
268°–278° byd 30 NM blo 4,600′
VOR unusable:
017°–040° byd 40 NM
130°–133° byd 40 NM
192°–202° byd 40 NM blo 2,500′
192°–202° byd 48 NM blo 5,000′
192°–202° byd 69 NM
203°–294° byd 40 NM
295°–305° byd 40 NM blo 5,000′
295°–305° byd 52 NM
306°–359° byd 40 NM

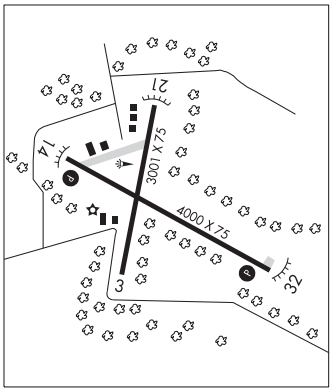


GILLESPIE FLD (See MEDDYBEMPS on page 75)

GREATON AIRFIELD (See SACO on page 85)

GREENVILLE

GREENVILLE MUNI (3B1) 2 E UTC–5(–4DT) N45°27.77′ W69°33.10′ **MONTREAL**
1402 B NOTAM FILE BGR **L–32H**
RWY 14–32: H4000X75 (ASPH) S–12.5 MIRL 0.3% up NW **IAP**
RWY 14: REIL. PAPI(P4R)—GA 3.0° TCH 40′.
RWY 32: PAPI(P4L)—GA 3.1° TCH 40′.
RWY 03–21: H3001X75 (ASPH) S–12.5 0.9% up NE
SERVICE: S4 **FUEL** 100LL, JET A **LGT** Dusk–Dawn. ACTVT REIL Rwy 14; PAPI Rwy 14 and Rwy 32; MIRL Rwy 14–32—CTAF.Rwy 14 PAPI unusbl byd 8 degs R of cntrln.
AIRPORT REMARKS: Attended 1300–2200Z‡. Moose, deer & otr wildlife on & invof arpt. 24 hr 100LL fuel avbl with major credit card. Rwy 14–32 nrs and cntrln faded. Rwy 03–21 nrs and cntrln faded. Cold temperature airport. Altitude correction required at or below –20C.
AIRPORT MANAGER: 207-695-2421
WEATHER DATA SOURCES: AWOS–A 124.175 (207) 695–2581. Altim relayed through unicom on request.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 120.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.
MILLINOCKET (VH) (DH) VORW/DME 117.9 MLT Chan 126
N45°35.20′ W68°30.93′ 281° 44.3 NM to fld. 553/20W.
DME unusable:
330°–350° byd 35 NM blo 6,000′
VOR unusable:
030°–040° byd 40 NM
272°–278° byd 40 NM
279°–289° byd 40 NM blo 5,900′
279°–289° byd 82 NM
290°–297° byd 40 NM
330°–340° byd 35 NM blo 6,000′
334°–343° byd 40 NM
349°–355° byd 40 NM
COMM/NAV/WEATHER REMARKS: Be alert: mnt CTAF 122.9 for lcl SPB tfc nearby (52B and 21M) if able.



MOOSEHEAD AERO MARINE SPB (52B) 0 N UTC–5(–4DT) N45°28.48′ W69°36.23′ **MONTREAL**
1028 NOTAM FILE BGR **L–32H**
WATERWAY 14W–32W: 6000X1200 (WATER) **IAP**
WATERWAY 18W–36W: 5000X1000 (WATER)
SEAPLANE REMARKS: Unattended. Cold temperature airport. Altitude correction required at or below –21C.
AIRPORT MANAGER: 207-299-4522
COMMUNICATIONS: CTAF 122.9
Ⓡ **BOSTON CENTER APP/DEP CON** 120.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.
MILLINOCKET (VH) (DH) VORW/DME 117.9 MLT Chan 126 N45°35.20′ W68°30.93′ 282° 46.4 NM to fld. 553/20W.
DME unusable:
330°–350° byd 35 NM blo 6,000′
VOR unusable:
030°–040° byd 40 NM
272°–278° byd 40 NM
279°–289° byd 40 NM blo 5,900′
279°–289° byd 82 NM
290°–297° byd 40 NM
330°–340° byd 35 NM blo 6,000′
334°–343° byd 40 NM
349°–355° byd 40 NM
COMM/NAV/WEATHER REMARKS: Be alert: Nearby 21M Currier′s SPB (1.1 mi west) utilize same CTAF 122.9 mnt 3B1 CTAF 122.8 if able for lcl tfc.

GREENVILLE JUNCTION

CURRIER'S SPB (21M) 0 N UTC–5(–4DT) N45°28.70′ W69°37.16′ **MONTREAL**

1029 NOTAM FILE BGR

WATERWAY 18W–36W: 10000X3000 (WATER)

WATERWAY 36W: Rgt tfc.

SEAPLANE REMARKS: Attended May–Oct dalgt hrs. Nov–Apr unattended. SPB may be unusable from mid–Nov to mid–May due to fall ice formation, spring ice break–up and other adverse conditions. Acft may rqr skis during winter months due to frozen sfc conditions. For SPB conditions call 207–695–2778. 150′ radio twr 200′ W of sealane and 150′ radio twr 1000′ SW of sealane. Be alert for recreational boats during summer months and snowmobiles during winter months. Be alert: nearby 52B Moosehead Aero Marine SPB (1.1 mi east) utilize same CTAF 122.9.

AIRPORT MANAGER: 207-695-2778

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

COMM/NAV/WEATHER REMARKS: Be alert: Nearby 52B Moosehead Aero Marine SPB (1.1 mi east) utilize same CTAF 122.9 mnt 3B1 CTAF 122.8 if able for lcl tfc.

GRIFFIN FLD (See LEVANT on page 73)

HAMLIN'S MARINA & SPB SPB (See NEWPORT on page 77)

HANCOCK CO/BAR HARBOR (See BAR HARBOR on page 59)

HOULTON INTL (HUL)(KHUL) 2 E UTC–5(–4DT) N46°07.48′ W67°47.54′ **HALIFAX**
H–11D, L–32I
IAP, AD

489 B AOE NOTAM FILE HUL

RWY 05–23: H5015X100 (ASPH–GRVD) S–30, D–57 MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 43′.

RWY 23: REIL.

RWY 01–19: H2700X60 (ASPH)

SERVICE: S4 **FUEL** 100LL, JET A+, A1+ **LGT** Dusk–Dawn. ACTVT REIL Rwy 05 and 23; PAPI Rwy 05; MIRL Rwy 05–23—CTAF.

AIRPORT REMARKS: Attended Nov–Apr Mon–Fri 1200–2030Z‡, May–Oct Mon–Fri 1100–2130Z‡. Sat–Sun unattended. Deer on and invof arpt. For Jet A fuel after hrs call 207–538–7997. 100LL is avbl 24 hrs with major credit card. For after hrs access to terminal building use frequency 122.8. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: (207) 532-1325

WEATHER DATA SOURCES: ASOS 132.025 (207) 532–1584.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 120.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

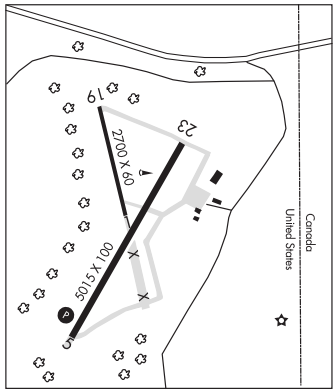
AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

MILLINOCKET (VH) (DH) VORW/DME 117.9 MLT Chan 126
N45°35.20′ W68°30.93′ 063° 44.3 NM to fld. 553/20W.

DME unusable:
330°–350° byd 35 NM blo 6,000′

VOR unusable:
030°–040° byd 40 NM
272°–278° byd 40 NM
279°–289° byd 40 NM blo 5,900′
279°–289° byd 82 NM
290°–297° byd 40 NM
330°–340° byd 35 NM blo 6,000′
334°–343° byd 40 NM
349°–355° byd 40 NM

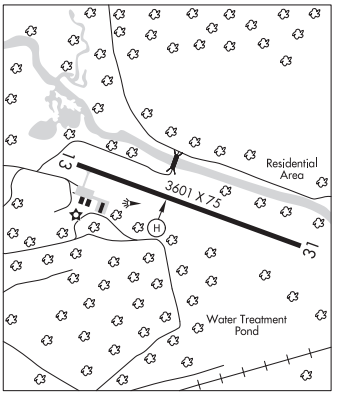


ISLESBORO (57B) 1 W UTC–5(–4DT) N44°18.15′ W68°54.64′ **HALIFAX**
88 NOTAM FILE BGR
RWY 01–19: H2400X50 (ASPH) 0.7% up N
RWY 01: Thld dsplcd 250′. Trees.
RWY 19: Road.
NOISE: Noise abatement mntn rwy hdg to 1000′ AGL.
AIRPORT REMARKS: Unattended. Arpt clsd ngts, daytime use only. Deer on and invof arpt. No touch and go ops. Helipad NW corner of ramp.
AIRPORT MANAGER: 207-734-2253
COMMUNICATIONS: CTAF 122.9
Ⓡ **BANGOR APP/DEP CON** 118.925
CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.
HELIPAD H1: H40X40 (ASPH)

JACKMAN

MOOSE RIVER SPB (6ØB) 0 W UTC–5(–4DT) N45°38.00′ W70°15.97′ **MONTREAL**
1157 LRA NOTAM FILE BGR
WATERWAY 09W–27W: 5500X200 (WATER)
WATERWAY 01W–19W: 4000X4000 (WATER)
SEAPLANE REMARKS: Unattended. For attendant call 207–668–7777 or 207–356–8794 (cell) or 207–399–2503. Turn acft around prior to last dock. Be aware of boat canopies. No wake rule in effect on river. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: (207) 356-8794
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

NEWTON FLD (59B) 1 W UTC–5(–4DT) N45°37.95′ W70°14.85′ **MONTREAL**
1178 B LRA NOTAM FILE BGR **L–32H**
RWY 13–31: H3601X75 (ASPH) MIRL **IAP**
RWY 13: Tree.
RWY 31: REIL. Tree.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 31 and MIRL Rwy 13–31 —CTAF.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs with major credit card. Geese, deer and moose on and invof arpt. Flight Notification Service (ADCUS) available. Cold temperature airport. Altitude correction required at or below –23C.
AIRPORT MANAGER: 207-668-2111
WEATHER DATA SOURCES: AWOS–AV 122.9. Only altimeter.
COMMUNICATIONS: CTAF 122.9
Ⓡ **BOSTON CENTER APP/DEP CON** 120.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
COMM/NAV/WEATHER REMARKS: Monitor CTAF 122.9 within vicinity of arpt. 3 clicks advisory and wx.
HELIPAD H1: 125X80 (TURF)



KENNEBUNK N43°25.54′ W70°36.81′ NOTAM FILE BGR. **NEW YORK**
(VH) (DH) VORW/DME 117.1 ENE Chan 118 262° 4.6 NM to Sanford Seacoast Rgnl. 192/17W. **H–11D, L–32H**
DME unusable:
030°–184° byd 25 NM blo 2,000′
185°–230° byd 25 NM blo 2,500′
268°–278° byd 30 NM blo 4,600′
VOR unusable:
017°–040° byd 40 NM
130°–133° byd 40 NM
192°–202° byd 40 NM blo 2,500′
192°–202° byd 48 NM blo 5,000′
192°–202° byd 69 NM
203°–294° byd 40 NM
295°–305° byd 40 NM blo 5,000′
295°–305° byd 52 NM
306°–359° byd 40 NM

KNOX CO RGNL (See ROCKLAND on page 84)

LAKESIDE LODGE AND MARINA SPB (See EAST WINTHROP on page 66)

LEVANT

GRIFFIN FLD (PG1) 2 E UTC–5(–4DT) N44°52.06´ W68°58.63´ **MONTREAL**

200 NOTAM FILE BGR

RWY 11–29: 2440X175 (TURF)

RWY 11: P–line.

RWY 29: Trees.

RWY 04–22: 1800X60 (TURF) LIRL(NSTD)

RWY 04: Trees.

RWY 22: Trees.

SERVICE: **FUEL** MOGAS **LGT** ACTVT NSTD LIRL Rwy 04–22—CTAF. Rwy 04–22 NSTD LIRL 300 ft btwn lgts; sngl green thr lgt each side of thr.

AIRPORT REMARKS: Unattended. Deer and turkey on and invof arpt. Rwy 04 additional 500 ft clear area byd thld at NE end. Rwy 22 additional 160 ft clear area byd thr lgts at SW end. Rwy 11 preferred calm wind rwy for tkof. Rwy 04 clnc slope to lgts 5:1 due to 58 ft trees 315 ft fm end of rwy, 135 ft L of cntrln.

AIRPORT MANAGER: 207-951-2281

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.

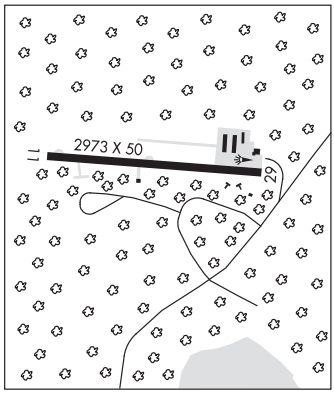
LIMINGTON–HARMON (63B) 3 N UTC–5(–4DT) N43°45.78´ W70°40.35´ **NEW YORK L–32H**

292 TPA—1392(1100) NOTAM FILE BGR

RWY 11–29: H2973X50 (ASPH) LIRL(NSTD) 0.4% up W

RWY 11: Trees.

RWY 29: Trees.



SERVICE: **FUEL** 100LL **LGT** ACTVT LIRL Rwy 11–29 5 clicks—CTAF.

AIRPORT REMARKS: Unattended. Wildlife on or invof arpt. 24 hr self–serve fuel with major credit card. Rwy 11–29 NSTD LIRL. Rwy 29 has 1 thld lgt 175´ from thld. Rwy 11 has 2 thld lgt 320´ from thld. Rwy lgts spaced at 400´, many lgts missing. Rwy 11 mkd as basic. Nrs dsplcd 145´ fm thld. Rwy 29 mkd as basic. Nrs dsplcd 167´ fm thld, nrs and cntrln faded. Rwy 11–29 svrly cracked, shallow potholes, loose aggregate on rwy. +8–20 ft trees, 50–125 ft fm cntrln S side of rwy, 200–500 ft fm thr eastward.

AIRPORT MANAGER: 207-200-7548

COMMUNICATIONS: CTAF/UNICOM 122.7

APP/DEP CON 119.75

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

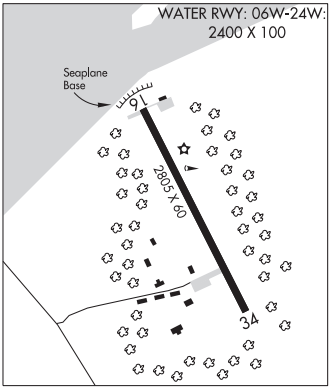
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (VH) (DH) VORW/DME 117.1 ENE Chan 118
N43°25.54´ W70°36.81´ 010° 20.4 NM to fld. 192/17W.

DME unusable:
030°–184° byd 25 NM blo 2,000´
185°–230° byd 25 NM blo 2,500´
268°–278° byd 30 NM blo 4,600´

VOR unusable:
017°–040° byd 40 NM
130°–133° byd 40 NM
192°–202° byd 40 NM blo 2,500´
192°–202° byd 48 NM blo 5,000´
192°–202° byd 69 NM
203°–294° byd 40 NM
295°–305° byd 40 NM blo 5,000´
295°–305° byd 52 NM
306°–359° byd 40 NM

LINCOLN RGNL (LRG)(KLRG) 2 SW UTC–5(–4DT) N45°21.71′ W68°32.07′ **HALIFAX**
208 B NOTAM FILE BGR **L–32I**
RWY 16–34: H2805X60 (ASPH) S–25 MIRL **IAP**
RWY 16: REIL.
RWY 34: REIL.
SERVICE: **FUEL** 100LL **LGT** ACTVT REIL Rwy 16 and 34; MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. 24 hr fuel with major credit card.
AIRPORT MANAGER: 207-403-0524
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 124.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.
MILLINOCKET (VH) (DH) VORW/DME 117.9 MLT Chan 126
N45°35.20′ W68°30.93′ 203° 13.5 NM to fld. 553/20W.
DME unusable:
330°–350° byd 35 NM blo 6,000′
VOR unusable:
030°–040° byd 40 NM
272°–278° byd 40 NM
279°–289° byd 40 NM blo 5,900′
279°–289° byd 82 NM
290°–297° byd 40 NM
330°–340° byd 35 NM blo 6,000′
334°–343° byd 40 NM
349°–355° byd 40 NM



WATERWAY 06W–24W: 2400X100 (WATER)
WATERWAY 06W: P–line.
WATERWAY 24W: Trees.
SEAPLANE REMARKS: Rwy 06W–24W follow buoys under bridge during low water in summer. 40′ bridge at S end water ldg area.

LIVERMORE FALLS

BOWMAN FLD (B1Ø) 4 SE UTC–5(–4DT) N44°24.60′ W70°08.77′ **MONTREAL**
324 TPA—1674(1350) NOTAM FILE BGR
RWY 02–20: 2201X120 (TURF) 0.3% up N
RWY 02: Tree.
RWY 20: Tree.
AIRPORT REMARKS: Unattended. Rwy not plowed in winter, no ngt ops except in emerg. Rwy 02–20 soft in places aft rain, call arpt manager for rwy conds. Rwy 02–20 190′ x 200′ clear area byd thr to the NE. Rwy 02–20 800′ x 160′ clear area byd thr to Rwy 02 SW. Rwy 02 40′ to 70′ trees first 800′ fm thld, both sides. Rwy 02–20 ends marked with yellow barrels at thr, white 2′ x 2′ mkrs alg sides.
AIRPORT MANAGER: 207-320-0587
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

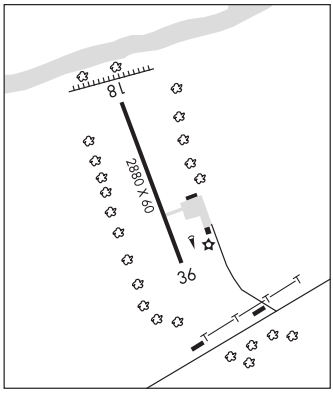
LONG LAKE SPB (See SINCLAIR on page 86)

LONG LAKE SPB (See NAPLES on page 77)

LUBEC MUNI (65B) 2 W UTC–5(–4DT) N44°50.19′ W67°01.62′ **HALIFAX**
85 B LRA NOTAM FILE BGR
RWY 08–26: 2024X100 (TURF–GRVL) LIRL
RWY 08: Trees.
RWY 26: Tree.
SERVICE: **LGT** ACTVT LIRL Rwy 08–26 and rotating bcn—CTAF.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. 24 hr emerg calls to fire stn 733–4641. Customs on req 207–733–4331.
AIRPORT MANAGER: 207-733-2341
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

LUCKY LANDING MARINA SPB (See BANGOR on page 58)

MACHIAS VALLEY (MVM)(KMVM) 1 SW UTC–5(–4DT) N44°42.19′ W67°28.72′ **HALIFAX**
96 B NOTAM FILE BGR **L–32I**
RWY 18–36: H2880X60 (ASPH) S–12.5 MIRL 0.9% up N **IAP**
RWY 36: REIL. Pole.
SERVICE: **FUEL** 100LL **LGT** ACTVT REIL Rwy 36; MIRL Rwy 18–36—CTAF.
AIRPORT REMARKS: Unattended. Deer and wildlife on and invof arpt. 100LL fuel 24 hr self svc with major credit card.
AIRPORT MANAGER: 207-271-0808
WEATHER DATA SOURCES: AWOS–AV 122.8 (207) 255–2511.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 124.25
CLNC DEL 122.5 (BANGOR RADIO)
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 116° 60.2 NM to fld. 360/19W.



MEDDYBEMPS

GILLESPIE FLD (66B) 1 W UTC–5(–4DT) N45°01.78′ W67°21.96′ **HALIFAX**
200 NOTAM FILE BGR
RWY 16–34: 1635X50 (TURF)
RWY 16: Trees.
RWY 34: Trees.
AIRPORT REMARKS: Unattended. Rwy 16–34 temporarily CLOSED and not being mntnd. Rwy not plowed winter months. 36′ pwr ln 280′ N of Rwy 16 mkd with balls.
AIRPORT MANAGER: 603-726-6587
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

MERRYMEETING FLD (See BOWDOINHAM on page 61)

MILLINOCKET

MILLINOCKET SPB (7ØB) 7 NW UTC–5(–4DT) N45°43.70′ W68°50.67′ **HALIFAX**
492 NOTAM FILE BGR
WATERWAY ALL–WAY: 4000X500 (WATER)
SERVICE: **FUEL** 100LL
SEAPLANE REMARKS: Attended May–Oct dawn–dusk. Arpt clsd 31 Oct through 30 Apr. Water level fluctuates 10′ +/– lowest in Sep and Oct. Preferred tkf and ldg direction for SPB Rwy 04–22. Significant amount of boat activity sharing sea lanes. Buoys have been added to identify rocks at low water levels. Location of buoys rqr tkf and ldg direction of Rwy 04–22 with buoys at outer edges of sea lane. Unlighted 199′ cell twr located 2 SM at 132° from dock. Twr underlies downwind to baseleg of pattern when ldg to the southwest.
AIRPORT MANAGER: 207-723-8378
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

MILLINOCKET MUNI (MLT)(KMLT) 1 SE UTC–5(–4DT) N45°38.87′ W68°41.13′ HALIFAX
408 B NOTAM FILE MLT MON Airport L–32I
RWY 11–29: H4713X99 (ASPH) S–30, D–44 MIRL IAP
RWY 11: Bldg.
RWY 29: REIL. VASI(V4R)—GA 3.0° TCH 51′.
RWY 16–34: H4000X100 (ASPH) S–30, D–44 0.5% up NW
RWY 16: Trees.
RWY 34: Road.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 29, VASI Rwy 29 and MIRL Rwy 11–29—CTAF.
AIRPORT REMARKS: Attended May–Nov Mon–Fri 1300–2100Z‡, Dec–Apr Mon–Fri 1300–2100Z‡, May–Nov Sat–Sun 1300–2100Z‡, Dec–Apr Sat–Sun unattended. Parachute Jumping. Fuel avbl 24 hrs with credit card. Jet A avbl after hrs 207–723–4375 or 207–723–6649. Wildlife on and invof arpt. +782′ MSL communication/air quality monitoring twr located approximately 5200′ from thld of Rwy 11 at 247°.
AIRPORT MANAGER: 207-723-6649
WEATHER DATA SOURCES: ASOS 135.225 (207) 723–8396.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 120.25
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859 .
RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.
(VH) (DH) VORW/DME 117.9 MLT Chan 126 N45°35.20′ W68°30.93′ 317° 8.0 NM to fld. 553/20W.
DME unusable:
330°–350° byd 35 NM blo 6,000′
VOR unusable:
030°–040° byd 40 NM
272°–278° byd 40 NM
279°–289° byd 40 NM blo 5,900′
279°–289° byd 82 NM
290°–297° byd 40 NM
330°–340° byd 35 NM blo 6,000′
334°–343° byd 40 NM
349°–355° byd 40 NM
MILNOT NDB (H) 344 LNT N45°38.92′ W68°33.02′ 287° 5.7 NM to fld. 277/17W. NDB unmonitored.
NDB unusable:
Byd 15 NM



MILLINOCKET N45°35.20′ W68°30.93′ NOTAM FILE MLT. HALIFAX
(VH) (DH) VORW/DME 117.9 MLT Chan 126 317° 8.0 NM to Millinocket Muni. 553/20W. H–11D, L–32I
DME unusable:
330°–350° byd 35 NM blo 6,000′
VOR unusable:
030°–040° byd 40 NM
272°–278° byd 40 NM
279°–289° byd 40 NM blo 5,900′
279°–289° byd 82 NM
290°–297° byd 40 NM
330°–340° byd 35 NM blo 6,000′
334°–343° byd 40 NM
349°–355° byd 40 NM

MILNOT N45°38.92′ W68°33.02′ NOTAM FILE MLT. HALIFAX
NDB (H) 344 LNT 287° 5.7 NM to Millinocket Muni. 277/17W. NDB unmonitored. L–32I
NDB unusable:
Byd 15 NM

MOOSE RIVER SPB (See JACKMAN on page 72)

MOOSEHEAD AERO MARINE SPB (See GREENVILLE on page 70)

NAPLES

LONG LAKE SPB (76B) 1 NE UTC–5(–4DT) N43°59.22′ W70°37.11′ **NEW YORK**

268 NOTAM FILE BGR

WATERWAY 16W–34W: 15000X3960 (WATER)

SERVICE: **FUEL** 100LL

SEAPLANE REMARKS: Attended Jun–Oct 1400Z‡–dusk. June–Oct Sun unatndd. 100LL fuel avbl Mon–Sat 1400–0000Z‡ only. Wind sock at dock.

AIRPORT MANAGER: 207-232-2594

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

COMM/NAV/WEATHER REMARKS: Monitor CTAF within 5 NM of Naples.

NEWPORT

HAMLIN'S MARINA & SPB SPB (9B7) 2 NE N44°51.09′ W69°15.55′ **MONTREAL**

200 NOTAM FILE BGR Not insp.

WATERWAY 03W–21W: 6996X1000 (WATER)

SEAPLANE REMARKS: Unatndd.

AIRPORT MANAGER: 207-487-5213

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.

NEWTON FLD (See JACKMAN on page 72)

NORCROSS(MILLINOCKET)

BUCKHORN CAMPS SPB (78B) 0 NE UTC–5(–4DT) N45°39.25′ W68°56.97′ **HALIFAX**

500 NOTAM FILE BGR

WATERWAY NW–SE: 4000X500 (WATER)

WATERWAY NW: Trees.

WATERWAY SE: Trees.

WATERWAY E–W: 3000X500 (WATER)

WATERWAY E: Trees.

WATERWAY W: Trees.

SEAPLANE REMARKS: Attended continuously. Many shallow rocky areas during low water conditions in middle of lake. Many shallow rocky areas around the docking area. Shallow areas with rocks near island west of the NW/SE sea lane.

AIRPORT MANAGER: 207-723-1548

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

NORRIDGEWOCK

CENTRAL MAINE/NORRIDGEWOCK (OWK)(KOWK) 4 W UTC–5(–4DT) N44°42.93′ W69°51.99′ **MONTREAL L–32H IAP**

270 B NOTAM FILE BGR

RWY 15–33: H4000X100 (ASPH) S–30, D–60 MIRL

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 43′. Tree.

RWY 33: REIL.

RWY 03–21: H3998X80 (ASPH) S–30, D–60

RWY 03: Trees.

RWY 21: Trees.

SERVICE: S4 **FUEL** 100LL, MOGAS **LGT** ACTVT REIL Rwy 15 and 33; PAPI Rwy 15; MIRL Rwy 15–33—CTAF.

AIRPORT REMARKS: Attended Mon–Fri 1200–1900Z‡, Unattended Sat–Sun. Birds and deer on and invof arpt. 24 hr fuel avbl with major credit card. Rwy 21 has 30′ dropoff 100′ fm end of rwy. Rwy 03 and Rwy 21 mrkgs faded. Cntrln and thr bars misg.

AIRPORT MANAGER: 207-634-2252

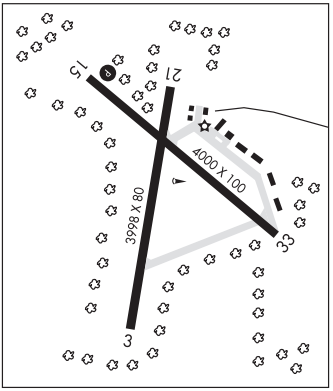
WEATHER DATA SOURCES: AWOS–AV 123.075.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PORTLAND APP/DEP CON** 128.35 (1045–0500Z‡)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°–292°) 124.25 (293°–111°) (0500–1045Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320. When Portland Apch clsd, ctc Boston ARTCC at 603-879-6859.



RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VORW/DME 114.95 AUG Chan 96(Y) N44°19.20′ W69°47.79′ 011° 23.9 NM to fld. 349/18W.

VOR unusable:
- 005°–015° byd 10 NM blo 7,000′
- 018°–050° byd 40 NM
- 055°–058° byd 40 NM
- 065°–089° byd 40 NM
- 075°–089° byd 25 NM blo 3,000′
- 090°–115° byd 15 NM
- 116°–175° byd 40 NM
- 116°–189° byd 25 NM blo 3,000′
- 188°–207° byd 40 NM
- 190°–205° byd 10 NM blo 5,000′
- 206°–220° byd 25 NM blo 3,000′
- 208°–213° byd 40 NM blo 3,000′
- 208°–213° byd 49 NM blo 7,000′
- 208°–213° byd 68 NM
- 225°–245° byd 40 NM
- 246°–256° byd 40 NM blo 7,000′
- 246°–256° byd 53 NM
- 257°–261° byd 40 NM
- 271°–275° byd 40 NM
- 300°–320° byd 40 NM blo 7,500′
- 321°–353° byd 40 NM blo 8,500′

DME unusable:
- 010°–070° byd 25 NM blo 7,000′
- 071°–143° byd 25 NM blo 3,000′
- 144°–154° byd 25 NM blo 7,000′
- 155°–189° byd 25 NM blo 3,000′
- 190°–205° byd 10 NM blo 5,000′
- 206°–220° byd 25 NM blo 3,000′
- 221°–285° byd 15 NM blo 6,000′

NORTHERN AROOSTOOK RGNL (See FRENCHVILLE on page 68)

NUGENT CHAMBERLAIN LAKE SPB (See CHESUNCOOK on page 65)

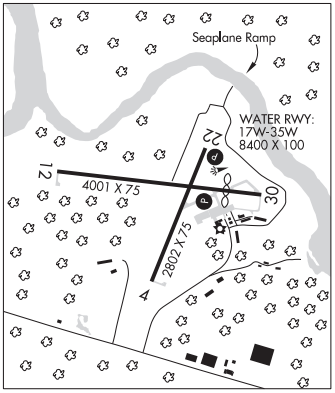
OLD TOWN

DEWITT FLD/OLD TOWN MUNI (OLD)(KOLD) 2 NW UTC–5(–4DT) N44°57.14′ W68°40.47′ **HALIFAX**
127 B NOTAM FILE BGR **L–32I**
IAP

RWY 12–30: H4001X75 (ASPH) S–30 MIRL
RWY 30: PAPI(P4L)—GA 4.0° TCH 40′. Thld dsplcd 689′.
RWY 04–22: H2802X75 (ASPH) S–37, D–45 MIRL
RWY 04: REIL.
RWY 22: PAPI(P4L)—GA 4.0° TCH 41′.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 04; PAPI Rwy 22 and 30; MIRL Rwy 04–22 and Rwy 12–30—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Waterfowl, turkey and deer on and invof arpt. 100LL 24 hr fuel with credit card. A Fuel self svc 24 hrs with credit card. FBO clsd Sun. Flight Notification Svc (ADCUS) avbl.
AIRPORT MANAGER: 207-827-7175
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BANGOR APP/DEP CON** 118.925
CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 071° 10.8 NM to fld. 360/19W.

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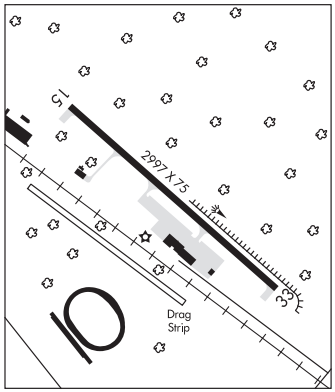
WATERWAY 17W–35W: 8400X100 (WATER)



OXFORD CO RGNL (81B) 2 E UTC–5(–4DT) N44°09.45′ W70°28.88′ **MONTREAL**
345 B NOTAM FILE BGR **L–32H**
IAP

RWY 15–33: H2997X75 (ASPH) S–25 MIRL 0.3% up NW
SERVICE: S4 **FUEL** 100LL **OX** 1, 2, 3, 4 **LGT** ACTVT MIRL Rwy 15–33—CTAF.
AIRPORT REMARKS: Attended Mon–Sat 1200–2200Z‡. Unattended Sun. Fuel: Self–svc 100LL avbl 24 hrs. Wildlife on and invof arpt. For airframe or powerplant repairs call 207–539–6056. Rwy 15–33 has 2 in drop–offs lctd on all sides and thlds.
AIRPORT MANAGER: 207-461-5040
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PORTLAND APP/DEP CON** 125.5 (1045–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500–1045Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

CONTINUED ON NEXT PAGE



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RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VORW/DME 114.95 AUG Chan 96(Y) N44º19.20´ W69º47.79´ 270º 31.1 NM to fld. 349/18W.

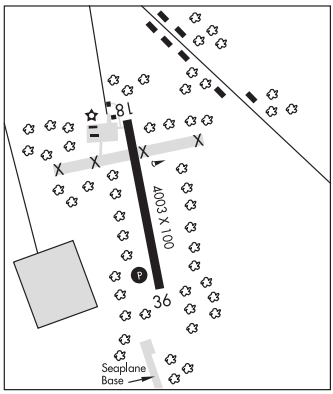
VOR unusable:
005º–015º byd 10 NM blo 7,000´
018º–050º byd 40 NM
055º–058º byd 40 NM
065º–089º byd 40 NM
075º–089º byd 25 NM blo 3,000´
090º–115º byd 15 NM
116º–175º byd 40 NM
116º–189º byd 25 NM blo 3,000´
188º–207º byd 40 NM
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
208º–213º byd 40 NM blo 3,000´
208º–213º byd 49 NM blo 7,000´
208º–213º byd 68 NM
225º–245º byd 40 NM
246º–256º byd 40 NM blo 7,000´
246º–256º byd 53 NM
257º–261º byd 40 NM
271º–275º byd 40 NM
300º–320º byd 40 NM blo 7,500´
321º–353º byd 40 NM blo 8,500´

DME unusable:
010º–070º byd 25 NM blo 7,000´
071º–143º byd 25 NM blo 3,000´
144º–154º byd 25 NM blo 7,000´
155º–189º byd 25 NM blo 3,000´
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
221º–285º byd 15 NM blo 6,000´

PATTEN

SHIN POND SPB (85B) 8 NW UTC–5(–4DT) N46º05.60´ W68º33.86´ **HALIFAX**
778 NOTAM FILE BGR
WATERWAY 02W–20W: 6000X200 (WATER)
SERVICE: **FUEL** 100LL
SEAPLANE REMARKS: Attended dalgt hrs. Fuel avbl in emerg only. Numerous boats and canoes on lake. Call 207–528–2626 for svc.
AIRPORT MANAGER: 207-528-2626
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

PITTSFIELD MUNI (2B7) 1 SE UTC–5(–4DT) N44º46.11´ W69º22.47´ **MONTREAL**
197 B NOTAM FILE BGR **L–32H**
RWY 18–36: H4003X100 (ASPH) S–38, D–49 MIRL 0.5% up N **IAP**
RWY 18: REIL. Pole.
RWY 36: REIL. PAPI(P4L)—GA 3.0º TCH 40´. Brush.
SERVICE: S4 **FUEL** 100LL, JET A1+ **LGT** ACTIVATE MIRL Rwy 18–36 and PAPI Rwy 36 and REIL Rwy 18 and Rwy 36—CTAF.
AIRPORT REMARKS: Attended 1200–2200Z‡. 100LL fuel after hrs call 207–232–2318. Deer and turkeys invof arpt. Rwy 18 nrs and cntrln faded or misg. Rwy 36 nrs and cntrln faded or misg.
AIRPORT MANAGER: 207-487-3136
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BANGOR APP/DEP CON** 118.925
CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44º50.51´ W68º52.44´ 278º 21.8 NM to fld. 360/19W.



PORTLAND INTL JETPORT (PWM)(KPWM) 2 W UTC–5(–4DT) N43°38.74′ W70°18.52′ **NEW YORK**
76 B LRA Class I, ARFF Index C NOTAM FILE PWM MON Airport **H–11D, L–32H**
RWY 11–29: H7200X150 (ASPH–GRVD) S–75, D–169, 2S–175, 2D–300 PCR 1468 F/C/X/T HIRL CL **IAP, AD**
0.5% up W
RWY 11: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 52′. RVR–TMR Trees.
RWY 29: MALSR. PAPI(P4R)—GA 3.0° TCH 50′. RVR–TMR Tree.
RWY 18–36: H6100X150 (ASPH–GRVD) S–75, D–165, 2D–300 PCR 1439 F/C/X/T MIRL
RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Thld dsplcd 450′. Tree.
RWY 36: REIL. PAPI(P4L)—GA 3.25° TCH 54′. Thld dsplcd 500′. Tree.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 11	18–36	5800
RWY 18	11–29	3100

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11:	TORA–7200	TODA–7200	ASDA–7200	LDA–7200
RWY 18:	TORA–6100	TODA–6100	ASDA–5600	LDA–5150
RWY 29:	TORA–7200	TODA–7200	ASDA–7200	LDA–7200
RWY 36:	TORA–6100	TODA–6100	ASDA–5650	LDA–5150

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** Rwy 11 ALSF–II becomes SSALS when ATCT clsd. When twr clsd ACTVT MALSR Rwy 29; REIL Rwy 18 and 36; TDZL Rwy 11; Centerline Rwy 11–29; PAPI Rwy 11, 29, 18 and 36; HIRL Rwy 11–29; MIRL Rwy 18–36—CTAF.
NOISE: For noise abatement info, ctc the arpt ops cntr on freq 129.95 or call 207–756–8310. Prior to any run–up ctc the arpt ops on freq 129.95 or call 207–756–8310. Noise abatement procs in afct for ldg Rwy 11 and dep Rwy 29.
AIRPORT REMARKS: Attended 1100–0300Z‡. Birds ocnly on and invof arpt. For fuel aft hrs call 207–774–6318 or 207–523–0988. Acft emergs btn 0500–1045Z‡ call Portland Air Rescue 207–874–8576. No touch and go ldgs during snow removal. PAEW adj to rwys ngts; gnd vehicles monitor 120.9 when ATCT clsd. Twr occasionally stays open byd 0500Z‡ during adverse wx. Prior to any run–up ctc arpt ops on freq 129.95 or call 207–756–8310. Pushback onto Twy A rqrd fm trml Gates 1–8, Twy C rqrd fm trml Gate 1A. Acft may not push short of Twy A fm Gates 1–8 nor short of Twy C fm Gate 1A. Ctc Gnd 121.9. Adz pushback opr you have Alpha or Charlie prior to push. Landing rights arpt (LRA): GA cust/img fac lctd at cargo apron. Acft arrg/depg cust must use extreme ctn when navigating on the cargo apron to minimize jet blast exposure to hngrs and acft. Flight Notification Svc (ADCUS) avbl.
AIRPORT MANAGER: 207-756-8310
WEATHER DATA SOURCES: ASOS 119.05 (207) 419–5584.
COMMUNICATIONS: CTAF 120.9 **ATIS** 119.05 (207) 775–1039 **UNICOM** 122.95
Ⓡ **APP/DEP CON** 119.75 132.4 (1045–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500–1045Z‡)
TOWER 120.9 (1045–0500Z‡) **GND CON** 121.9
CLNC DEL 121.9
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Boston ARTCC at 603-879-6859.
AIRSPACE: CLASS C svc ctc **APP CON** svc 1045–0500Z‡; other times CLASS E.
VOR TEST FACILITY (VOT) 111.0
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (VH) (DH) VORW/DME 117.1 ENE Chan 118 N43°25.54′ W70°36.81′ 062° 18.7 NM to fld. 192/17W.
DME unusable:
030°–184° byd 25 NM blo 2,000′
185°–230° byd 25 NM blo 2,500′
268°–278° byd 30 NM blo 4,600′
VOR unusable:
017°–040° byd 40 NM
130°–133° byd 40 NM
192°–202° byd 40 NM blo 2,500′
192°–202° byd 48 NM blo 5,000′
192°–202° byd 69 NM
203°–294° byd 40 NM
295°–305° byd 40 NM blo 5,000′
295°–305° byd 52 NM
306°–359° byd 40 NM
ILS/DME 109.9 I–PWM Chan 36 Rwy 11. Class IIIE.
ILS/DME 109.9 I–GCS Chan 36 Rwy 29. Class IIE.

PRESQUE ISLE

PRESQUE ISLE SPB (83B) 2 NW UTC–5(–4DT) N46°42.36′ W68°03.64′ **HALIFAX**

500 TPA—1800(1300) NOTAM FILE BGR

WATERWAY 01W–19W: 6000X300 (WATER)

WATERWAY 01W: Trees.

WATERWAY 19W: Trees. Rgt tfc.

SEAPLANE REMARKS: Unattended. Rising terrain west side of lake. Arpt lctd NW and invof Presque Isle Intl Airport. N 300′ of pond, submerged tree stumps.

AIRPORT MANAGER: 207-764-2550

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

PRESQUE ISLE INTL (PQI)(KPQI) 1 NW UTC–5(–4DT) N46°41.34′ W68°02.69′ **HALIFAX**

534 B LRA Class I, ARFF Index B NOTAM FILE PQI MON Airport **H–11D, L–32I**

IAP

RWY 01–19: H7441X150 (ASPH) S–61, D–96, 2D–168

PCR 220 F/B/X/U HIRL 1.1% up N

RWY 01: MALSR.

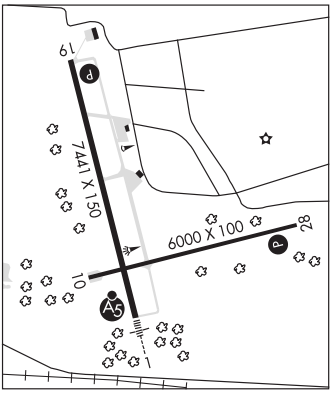
RWY 19: REIL. PAPI(P4L)—GA 3.7° TCH 50′. Trees.

RWY 10–28: H6000X100 (ASPH) S–61, D–96, 2D–168

PCR 220 F/B/X/U MIRL

RWY 10: Tree.

RWY 28: PAPI(P4L)—GA 3.0° TCH 45′. Railroad.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA–7441 TODA–7441 ASDA–7441 LDA–7441

RWY 10: TORA–6000 TODA–6000 ASDA–6000 LDA–6000

RWY 19: TORA–7441 TODA–7441 ASDA–7441 LDA–7441

RWY 28: TORA–6000 TODA–6000 ASDA–6000 LDA–6000

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MALSR Rwy 01, REIL Rwy 19, PAPI Rwys 19 and 28, HIRL Rwy 01–19, MIRL Rwy 10–28—122.6.

AIRPORT REMARKS: Attended 1100–0000Z‡. Clsd to unsked ACR ops with more than 30 pax seats, exc PPR call arpt manager 207–764–2550. PAEW adjacent to rwys and twys (mowing) May 1 thru Nov 1. Ctn small UAS act fm sfc to 400′ AGL (1040′ MSL) 3.5 NM S of arpt dur dalgt hrs. Cold temperature airport. Altitude correction required at or below –36C. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 207-764-2550

WEATHER DATA SOURCES: AWOS–3PT 118.025 (207) 764–7248.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 124.75 **CLNC DEL** 121.6

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

AIRSPACE: CLASS E svc 1000–0200Z‡ Mon–Sat, 1300–0200Z‡ Sun; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.

(VH) (DH) VORW/DME 116.4 PQI Chan 111 N46°46.45′ W68°05.67′ 179° 5.5 NM to fld. 592/21W.

DME unusable:

180°–200° byd 30 NM blo 3,400′

VOR unusable:

000°–030° byd 40 NM

040°–070° byd 40 NM

080°–090° byd 40 NM

130°–165° byd 40 NM

180°–185° byd 40 NM

200°–210° byd 40 NM

220°–235° byd 40 NM blo 19,000′

236°–260° byd 40 NM

270°–280° byd 40 NM

286°–296° byd 40 NM blo 8,000′

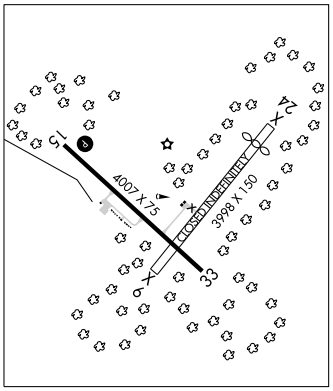
286°–296° byd 81 NM

300°–355° byd 40 NM

ILS 108.7 I–PQI Rwy 01. Class IE. Unmonitored indef.

PRESQUE ISLE N46º46.45´ W68º05.67´ NOTAM FILE PQI. HALIFAX
H–11D, L–32I
(VH) (DH) VORW/DME 116.4 PQI Chan 111 179º 5.5 NM to Presque Isle Intl. 592/21W.
DME unusable:
180º–200º byd 30 NM blo 3,400´
VOR unusable:
000º–030º byd 40 NM
040º–070º byd 40 NM
080º–090º byd 40 NM
130º–165º byd 40 NM
180º–185º byd 40 NM
200º–210º byd 40 NM
220º–235º byd 40 NM blo 19,000´
236º–260º byd 40 NM
270º–280º byd 40 NM
286º–296º byd 40 NM blo 8,000´
286º–296º byd 81 NM
300º–355º byd 40 NM

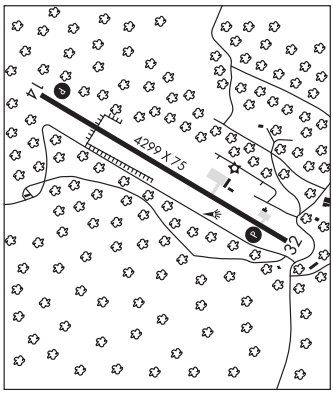
PRINCETON MUNI (PNN)(KPNN) 2 S UTC–5(–4DT) N45º12.04´ W67º33.86´ HALIFAX
265 B LRA NOTAM FILE BGR L–32I
RWY 15–33: H4007X75 (ASPH) S–31, D–38 MIRL 0.3% up NW IAP
RWY 15: PAPI(P4L)—GA 3.5º TCH 44´. Tree.
RWY 06–24: H3998X150 (ASPH)
RWY 06: Trees.
RWY 24: Thld dsplcd 503´. Trees.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTVT MIRL Rwy 15–33 and PAPI Rwy 15—CTAF.
AIRPORT REMARKS: Unattended. Rwy 06–24 CLOSED indefly—pavement unusable. Fuel avbl 24 hrs with major credit card. Fuel A+: call ahead for jet fuel. Wildlife on and invof arpt. Rwy 06–24 mkd with yellow closure at both ends and mid of rwy. Dthr markings are not vsb. Flight Notification Service (ADCUS) available.
AIRPORT MANAGER: 207-214-5144
WEATHER DATA SOURCES: AWOS–AV 122.7.
COMMUNICATIONS: CTAF/AUNICOM 122.7
Ⓡ**BOSTON CENTER APP/DEP CON** 124.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
(L) DME 114.3 PNN Chan 90 N45º19.75´
W67º42.25´ 142º 9.7 NM to fld. 398.
DME unusable:
300º–330º byd 25 NM blo 4,500´
COMM/NAV/WEATHER REMARKS: Automated UNICOM; 3 clicks.



RANGELEY

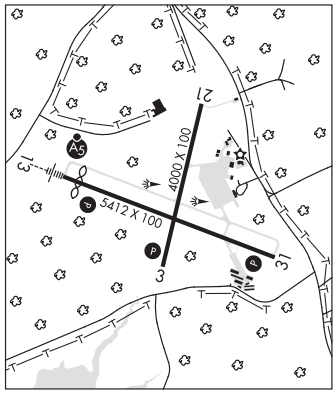
RANGELEY LAKE SPB (M57) 2 N UTC–5(–4DT) N44º57.20´ W70º39.78´ MONTREAL
1518 NOTAM FILE BGR L–32H
WATERWAY 06W–24W: 7000X1000 (WATER) IAP
SERVICE: **FUEL** 100LL
SEAPLANE REMARKS: Attended May–Oct. Sgfnt boat act in summer months. Cold temperature airport. Altitude correction required at or below –26C.
AIRPORT MANAGER: 207-252-6630
COMMUNICATIONS: CTAF 122.9
Ⓡ**BOSTON CENTER APP/DEP CON** 124.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BML.
BERLIN (DH) DME 116.55 BML Chan 112(Y) N44º38.01´ W71º11.17´ 049º 29.5 NM to fld. 1730.
DME unusable:
080º–125º blo 10,000´
188º–198º blo 10,000´
275º–292º blo 10,000´

STEPHEN A BEAN MUNI (8BØ) 2 NW UTC–5(–4DT) N44°59.53′ W70°39.91′ **MONTREAL**
1821 B NOTAM FILE BGR **L–32H**
RWY 14–32: H4299X75 (ASPH) S–13 MIRL **IAP**
RWY 14: REL. PAPI(P4L)—GA 3.0° TCH 40′.
RWY 32: REL. PAPI(P4L)—GA 3.0° TCH 40′.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 14 and 32; PAPI Rwy 14 and 32; MIRL Rwy 14–32—CTAF. Rwy 14 VGSI unusbl byd 3 NM.
AIRPORT REMARKS: Unattended. Migratory birds on and invof arpt. For fuel call 207–864–5307 or 207–252–6630. Mil ops in area (F–16, A–10 acft & hel). Cold temperature airport. Altitude correction required at or below –30C. Bring own tie down ropes; call ahead for hangar availability. Rwy 14 and Rwy 32 nrs and cntrln faded or misg.
AIRPORT MANAGER: 207-864-3326
WEATHER DATA SOURCES: AWOS–3PT 118.000 (207) 864–5250.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 124.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BML.
BERLIN (DH) DME 116.55 BML Chan 112(Y) N44°38.01′ W71°11.17′ 046° 31.0 NM to fld. 1730.
DME unusable:
080°–125° blo 10,000′
188°–198° blo 10,000′
275°–292° blo 10,000′



ROCKLAND

KNOX CO RGNL (RKD)(KRKD) 3 S UTC–5(–4DT) N44°03.61′ W69°05.98′ **MONTREAL**
55 B NOTAM FILE RKD **H–11D, L–32H**
RWY 13–31: H5412X100 (ASPH–GRVD) S–65, D–80, 2S–83 HIRL **IAP**
RWY 13: MALSR. PAPI(P4R)—GA 3.0° TCH 51′. Thld dsplcd 400′.
RWY 31: REL. PAPI(P4L)—GA 3.0° TCH 50′. Trees.
RWY 03–21: H4000X100 (ASPH) S–65, D–80, 2S–83 MIRL
RWY 03: REL. PAPI(P4L)—GA 3.0° TCH 34′. Trees.
RWY 21: Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–4000 TODA–4000 ASDA–4000 LDA–4000
RWY 13: TORA–5412 TODA–5412 ASDA–5412 LDA–5012
RWY 21: TORA–4000 TODA–4000 ASDA–4000 LDA–4000
RWY 31: TORA–5412 TODA–5412 ASDA–5412 LDA–5412
SERVICE: S4 **FUEL** 100LL, JET A **OX** 2, 4 **LGT** ACTVT MALSR Rwy 13; REIL Rwys 03 and 31, PAPI Rwys 03, 13, 31; HIRL Rwy 13–31; MIRL Rwy 03–21—CTAF.
NOISE: Noise abatement procs in efct, call 207–596–0617 or visit website for specific instructions.
AIRPORT REMARKS: Attended Mon–Fri 1100–2200Z‡. Arpt may be unatndd fm 0300–1100Z‡. Seagulls and deer on and invof arpt. Rwy conditions may not be avbl weekends and SS–1200Z‡ Mon, Thu, Fri. Voluntary ngt curfew in effect 0330–1100Z‡.
AIRPORT MANAGER: 207-701-1715
WEATHER DATA SOURCES: AWOS–3PT 119.025 (207) 594–7946.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **PORTLAND APP/DEP CON** 120.4 (1045–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°–292°) 124.25 (293°–111°) (0500–1045Z‡)
CLNC DEL 123.8
CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.



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RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VORW/DME 114.95 AUG Chan 96(Y) N44°19.20′ W69°47.79′ 135° 33.9 NM to fld. 349/18W.

VOR unusable:
005°–015° byd 10 NM blo 7,000′
018°–050° byd 40 NM
055°–058° byd 40 NM
065°–089° byd 40 NM
075°–089° byd 25 NM blo 3,000′
090°–115° byd 15 NM
116°–175° byd 40 NM
116°–189° byd 25 NM blo 3,000′
188°–207° byd 40 NM
190°–205° byd 10 NM blo 5,000′
206°–220° byd 25 NM blo 3,000′
208°–213° byd 40 NM blo 3,000′
208°–213° byd 49 NM blo 7,000′
208°–213° byd 68 NM
225°–245° byd 40 NM
246°–256° byd 40 NM blo 7,000′
246°–256° byd 53 NM
257°–261° byd 40 NM
271°–275° byd 40 NM
300°–320° byd 40 NM blo 7,500′
321°–353° byd 40 NM blo 8,500′

DME unusable:
010°–070° byd 25 NM blo 7,000′
071°–143° byd 25 NM blo 3,000′
144°–154° byd 25 NM blo 7,000′
155°–189° byd 25 NM blo 3,000′
190°–205° byd 10 NM blo 5,000′
206°–220° byd 25 NM blo 3,000′
221°–285° byd 15 NM blo 6,000′

ILS/DME 111.7 I–RMZ Chan 54 Rwy 13. Class IT.

SACO

GREATON AIRFIELD (98M) 6 NW UTC–5(–4DT) N43°34.54′ W70°31.13′ NEW YORK

170 NOTAM FILE BGR

RWY 06–24: 2200X50 (TURF)

RWY 06: Trees.

RWY 24: Trees.

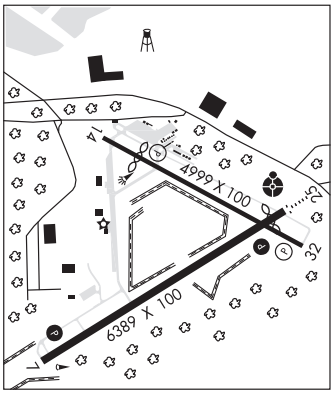
AIRPORT REMARKS: Unattended. Rwy not plowed during winter months. Tiedowns not supplied. Wildlife invof arpt. Rwy 06–24 has +35–85′ trees 60′ to 90′ from centerline both sides. Rwy 06–24 is gently rolling for entire length.

AIRPORT MANAGER: 207-283-1298

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

SANFORD SEACOAST RGNL (SFM)(KSFM) 4 SE UTC–5(–4DT) N43°23.63′ W70°42.48′ **NEW YORK**
244 B NOTAM FILE SFM **H–11D, 12K, L–32H**
RWY 07–25: H6389X100 (ASPH–GRVD) S–65, D–100 HIRL **IAP**
RWY 07: REIL. PAPI(P4L)—GA 3.0° TCH 53′. Tree.
RWY 25: ODALS. PAPI(P4L)—GA 3.0° TCH 47′. Thld dsplcd 388′. P–line.
RWY 14–32: H4999X100 (ASPH) D–72, 2S–91 MIRL 0.3% up NW
RWY 14: PAPI(P4L)—GA 4.0° TCH 21′. Thld dsplcd 885′. Tree.
RWY 32: PAPI(P4L)—GA 3.0° TCH 34′.
SERVICE: S4 **FUEL** 100LL, JET A, MOGAS **OX** 3, 4 **LGT** ACTVT ODALS Rwy 25; REIL Rwy 07; PAPI Rwy 07 and Rwy 25; HIRL 07–25; MIRL 14–32; twy lgts—CTAF. Twy lgts inop dalgt hrs.
AIRPORT REMARKS: Attended Oct–May 1200–2200Z‡, Jun–Sept 1200–0000Z‡. Conds not mnt dly 2100–1200Z‡. Wildlife on and invof arpt. High vol fixed and rotary wing flt trng in vcnty. 24 hr fuel avbl with major credit card for 100LL, Jet A & MOGAS. Calm wind preferred Rwy 32. FBO aft hrs call–out fee—207–324–8919.
AIRPORT MANAGER: 207-324-3172
WEATHER DATA SOURCES: AWOS–3PT 120.025 (207) 324–1958.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **PORTLAND APP/DEP CON** 119.75
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2
CLNC DEL 121.725



CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (VH) (DH) VORW/DME 117.1 ENE Chan 118 N43°25.54′ W70°36.81′ 262° 4.6 NM to fld. 192/17W.
DME unusable:
030°–184° byd 25 NM blo 2,000′
185°–230° byd 25 NM blo 2,500′
268°–278° byd 30 NM blo 4,600′
VOR unusable:
017°–040° byd 40 NM
130°–133° byd 40 NM
192°–202° byd 40 NM blo 2,500′
192°–202° byd 48 NM blo 5,000′
192°–202° byd 69 NM
203°–294° byd 40 NM
295°–305° byd 40 NM blo 5,000′
295°–305° byd 52 NM
306°–359° byd 40 NM
ILS 111.5 I–SFM Rwy 07. Class IB.

SEACOAST AIRFIELD (See ELIOT on page 67)

SHIN POND SPB (See PATTEN on page 80)

SINCLAIR

LONG LAKE SPB (92B) 3 NE UTC–5(–4DT) N47°11.59′ W68°13.89′ **HALIFAX**
581 B NOTAM FILE BGR
WATERWAY 15W–33W: 25000X4000 (WATER)
WATERWAY 07W–25W: 15800X2640 (WATER)
SERVICE: FUEL MOGAS
SEAPLANE REMARKS: Attended 1400Z‡–dusk. For fuel after hrs call 207–543–7584. Fuel contains ethanol.
AIRPORT MANAGER: 207-543-7584
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

STEPHEN A BEAN MUNI (See RANGELEY on page 84)

STONINGTON MUNI (93B) 1 NW UTC–5(–4DT) N44°10.39′ W68°40.82′ **HALIFAX**
32 NOTAM FILE BGR
RWY 07–25: H2099X60 (ASPH) 0.3% up W
RWY 07: Trees.
RWY 25: Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. Dalgt use only. Use extreme care seagulls and deer on and invof arpt. Trees and brush in pri sfc some as close as 50 ft fm cntrln. Rwy 07 nrs and cntrln non–std and faded. Rwy 25 nrs and cntrln non–std.
AIRPORT MANAGER: 207-367-2351
COMMUNICATIONS: CTAF 122.9
Ⓡ **BANGOR APP/DEP CON** 133.6
CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.
HELIPAD H1: H40X40 (ASPH)

SUGARLOAF RGNL (See CARRABASSETT on page 64)

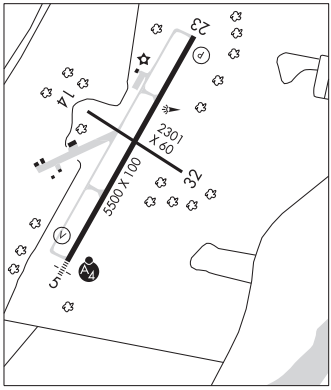
SWANS ISLAND

BANKS (ME5) 5 N UTC–5(–4DT) N44°09.92′ W68°25.69′ **HALIFAX**
100 NOTAM FILE BGR
RWY 10–28: 1500X30 (GRVL) 2.0% up W
RWY 10: Tree.
RWY 28: Thld dsplcd 300′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: TORA–1500 TODA–1500 ASDA–1500 LDA–1500
RWY 28: TORA–1500 TODA–1500 ASDA–1500 LDA–1200
AIRPORT REMARKS: Unattended. Prior to using arpt call 207–460–1113. All ops rstrd to dalgt VFR only. Wildlife on and invof arpt. Rwy 10–28 +6 ft rock ledge 50 ft from centerline, south side of arpt. Rwy 10: +20 ft trees 50 ft R of cntrln, 430 ft fm thr. Rwy 10–28 sfc rough with lrg stones, steep gradients and no line of sight between ends. Rock drainage swale across 600 ft from Rwy 28 thr, approximately 40 ft wide at centerline. Com twr 500 ft AGL, 1 mi SE of rwy.
AIRPORT MANAGER: 207-460-1113
COMMUNICATIONS: CTAF 122.9
Ⓡ **BANGOR APP/DEP CON** 133.6
CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 extn 1.
HELIPAD H1: H40X40 (CONC)
HELIPORT REMARKS: Helipad coords 44 09 54.80N 68 25 48.80W; helipad elev 86′. Ingress and egress to helipad between 130° and 320° mag.

VAN BUREN SPB (Ø5B) 0 N UTC–5(–4DT) N47°09.54′ W67°55.92′ **HALIFAX**
440 LRA NOTAM FILE BGR
WATERWAY NW–SE: 4000X200 (WATER)
WATERWAY SE: Bridge.
SEAPLANE REMARKS: Unattended. Clsd Oct 15–May 15 yearly. Dock located near base of bridge. Flight Notification Service (ADCUS) available. U.S. Customs avbl 24 hrs, 207–868–3391.
AIRPORT MANAGER: 207-868-2886
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

WALES (ME6) 2 SSW UTC–5(–4DT) N44°10.47′ W70°01.14′ **MONTREAL**
210 NOTAM FILE BGR
RWY 04–22: 2100X80 (TURF)
RWY 04: Ground.
RWY 22: Tree.
AIRPORT REMARKS: Unattended. Arpt CLOSED Nov–May, exc for skiing. Rwy 04–22 soft in spring. Acft should mnt 122.8 invof arpt. 1239′ MSL twr 7000′ SE and 968′ MSL twr 9600′ SSE of arpt. Rwy 04–22 nstd markings, has white plastic barrel markers along side of rwy with thld marked with single plastic white barrel. FCLP equipment directly adjacent to left side of Rwy 10 1335–1725′ approach end. FCLP equipment directly adjacent to left side of Rwy 28 1340–1725′ from approach end.
AIRPORT MANAGER: 207-754-6322
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

WATERVILLE RGNL (WVL)(KWVL) 2 SW UTC–5(–4DT) N44º32.00´ W69º40.53´ **MONTREAL**
333 B NOTAM FILE WVL MON Airport **H–11D, L–32H**
RWY 05–23: H5500X100 (ASPH–GRVD) S–40, D–60, 2D–105 **IAP**
HIRL 1.2% up NE
RWY 05: MALSF. VASI(V4L)—GA 3.0º TCH 51´.
RWY 23: REIL. PAPI(P4L)—GA 3.0º TCH 40´.
RWY 14–32: H2301X60 (ASPH) S–25 0.4% up NW
RWY 14: Trees.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTVT MALSF Rwy 05; REIL Rwy 23; HIRL Rwy 05–23—CTAF.
AIRPORT REMARKS: Attended May–Oct 1400–2200Z‡, Nov–Apr 1300–2100Z‡. 100LL 24 hr self serve. For fuel aft hrs email Airport@Waterville–ME.gov. Avoid hospital one mile north. Acft ops on paved area only. Acft de–icing avbl.
AIRPORT MANAGER: 207-861-8013
WEATHER DATA SOURCES: AWOS–3PT 118.375 (207) 877–0519.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **PORTLAND APP/DEP CON** 128.35 (1045–0500Z‡) **CLNC DEL** 124.6
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112º–292º) 124.25 (293º–111º) (0500–1045Z‡)
CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.



RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
AUGUSTA (VL) (DH) VORW/DME 114.95 AUG Chan 96(Y) N44º19.20´ W69º47.79´ 040º 13.8 NM to fld. 349/18W.
VOR unusable:
005º–015º byd 10 NM blo 7,000´
018º–050º byd 40 NM
055º–058º byd 40 NM
065º–089º byd 40 NM
075º–089º byd 25 NM blo 3,000´
090º–115º byd 15 NM
116º–175º byd 40 NM
116º–189º byd 25 NM blo 3,000´
188º–207º byd 40 NM
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
208º–213º byd 40 NM blo 3,000´
208º–213º byd 49 NM blo 7,000´
208º–213º byd 68 NM
225º–245º byd 40 NM
246º–256º byd 40 NM blo 7,000´
246º–256º byd 53 NM
257º–261º byd 40 NM
271º–275º byd 40 NM
300º–320º byd 40 NM blo 7,500´
321º–353º byd 40 NM blo 8,500´
DME unusable:
010º–070º byd 25 NM blo 7,000´
071º–143º byd 25 NM blo 3,000´
144º–154º byd 25 NM blo 7,000´
155º–189º byd 25 NM blo 3,000´
190º–205º byd 10 NM blo 5,000´
206º–220º byd 25 NM blo 3,000´
221º–285º byd 15 NM blo 6,000´
ILS/DME 110.5 I–RLU Chan 42 Rwy 05. Class IB. Glideslope unusable byd 9 NM and unusable byd 5º left and right side of course.

WHITE MOUNTAIN RGNL (See FRYEBURG on page 69)

WISCASSET (IWI)(KIWI) 3 SW UTC–5(–4DT) N43°57.69′ W69°42.75′
70 B NOTAM FILE IWI

RWY 07–25: H3397X75 (ASPH) S–22 MIRL 0.4% up W
RWY 07: REIL. PAPI(P4R)—GA 4.0° TCH 40′. Pole.
RWY 25: REIL. PAPI(P4L)—GA 3.5° TCH 40′. Tree. Rgt tfc.

SERVICE: **FUEL** 100LL, JET A1+ **LGT** ACTVT REIL Rwy 25; PAPI Rwy 07 and 25; MIRL Rwy 07–25—CTAF.

NOISE: Noise sensitive area southwest off end of Rwy 07, climb straight out to 700′ AGL.

AIRPORT REMARKS: Attended May–Labor Day 1300–2100Z‡, Sep–Nov Fri–Sun 1400–2100Z‡, Jan–Mar not attended, Dec–Apr Sat–Sun 1500–1900Z‡. Deer and wildlife on and invof arpt. 24 hr credit card fuel opn. Rwy 7 apch obstn lgts on 60′ poles along right side of apch lctd in 60′ to 70′ tall trees.

AIRPORT MANAGER: (207) 882-5475

WEATHER DATA SOURCES: ASOS 135.725 (207) 882–8094.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PORTLAND APP/DEP CON** 120.4 (293°–111°) 119.75 (112°–292°) (Mon–Fri 1045–0500Z‡)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°–292°) 124.25 (293°–111°) (Mon–Fri 0500–1045Z‡)

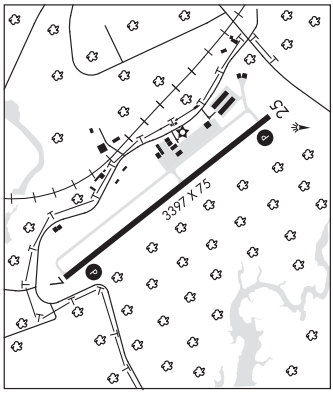
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320. When Portland Apch clsd, ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VORW/DME 114.95 AUG Chan 96(Y) N44°19.20′ W69°47.79′ 188° 21.8 NM to fld. 349/18W.

VOR unusable:
005°–015° byd 10 NM blo 7,000′
018°–050° byd 40 NM
055°–058° byd 40 NM
065°–089° byd 40 NM
075°–089° byd 25 NM blo 3,000′
090°–115° byd 15 NM
116°–175° byd 40 NM
116°–189° byd 25 NM blo 3,000′
188°–207° byd 40 NM
190°–205° byd 10 NM blo 5,000′
206°–220° byd 25 NM blo 3,000′
208°–213° byd 40 NM blo 3,000′
208°–213° byd 49 NM blo 7,000′
208°–213° byd 68 NM
225°–245° byd 40 NM
246°–256° byd 40 NM blo 7,000′
246°–256° byd 53 NM
257°–261° byd 40 NM
271°–275° byd 40 NM
300°–320° byd 40 NM blo 7,500′
321°–353° byd 40 NM blo 8,500′

DME unusable:
010°–070° byd 25 NM blo 7,000′
071°–143° byd 25 NM blo 3,000′
144°–154° byd 25 NM blo 7,000′
155°–189° byd 25 NM blo 3,000′
190°–205° byd 10 NM blo 5,000′
206°–220° byd 25 NM blo 3,000′
221°–285° byd 15 NM blo 6,000′



ABERDEEN PROVING GROUND (See PHILLIPS AAF (ABERDEEN PROVING GROUND) on page 111)

ANDREWS N38º48.43´ W76º51.98´ NOTAM FILE ADW. **WASHINGTON**
(L) (L) VORTACW 113.1 ADW Chan 78 263/10W. **COPTER**
H–10H, 12I, L–29E, 34F, 36I, A
VOR unusable:
035º–045º blo 2,500´
089º–182º
183º–227º blo 4,000´
230º–236º byd 20 NM
237º–270º
333º–048º
TACAN AZIMUTH unusable:
035º–045º blo 2,500´
220º–280º
295º–310º
DME unusable:
035º–045º blo 2,500´
220º–280º

ANNAPOLIS

LEE (ANP)(KANP) 5 SW UTC–5(–4DT) N38º56.57´ W76º34.10´ **WASHINGTON**
34 B NOTAM FILE DCA **COPTER**
RWY 12–30: H2505X48 (ASPH) LIRL **L–29E, 34F, 36I, A**
IAP
RWY 12: PAPI(P2L)—GA 5.75º TCH 21´. Thld dsplcd 476´. Trees.
RWY 30: PAPI(P2R)—GA 4.25º TCH 25´. Thld dsplcd 326´. Trees.
SERVICE: S4 **FUEL** 100LL **LGT** Arpt bcn opr dusk–0300Z‡. ACTVT LIRL Rwy 12–30—CTAF. Lighting inop btw 0300–1200Z‡.
AIRPORT REMARKS: Attended 1300–2100Z‡. Arpt CLOSED 0300–1200Z‡, ctc arpt manager for details. Hvy bird and wildlife act on and invof arpt. Ctc arpt manager 410–956–1280 for approval of any flt ops between 0300–1200Z‡. Arpt unattended New Years Day, Memorial Day, July 4, Labor Day, Thanksgiving and Christmas. Rwy 12–30 minor pavement cracks full length. No tkf after 0300Z‡ daily. Touch and go opr prohibited. VGSI apchs to be flown. Rwy 12 VGSI reliable on centerline only. No grass crossover fm Rwy 12–30 to twy rollout to end of rwy. No landing on grass. Ldg fee after one hr or overnight.
AIRPORT MANAGER: 410-956-1280
COMMUNICATIONS: CTAF 122.9
Ⓡ **POTOMAC APP/DEP CON** 119.7
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.
RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.
BALTIMORE (L) (L) VORTACW 115.1 BAL Chan 98 N39º10.26´ W76º39.68´ 173º 14.4 NM to fld. 150/11W.
DME unusable:
133º–155º byd 20 NM blo 10,000´
133º–155º byd 36 NM
300º–349º byd 35 NM
VOR unusable:
133º–155º byd 20 NM blo 10,000´
197º–217º byd 17 NM
260º–281º byd 15 NM
282º–292º
TACAN AZIMUTH unusable:
029º–042º byd 30 NM
133º–155º byd 20 NM blo 10,000´
180º–190º byd 17 NM
300º–349º byd 35 NM

BALTIMORE

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)(KBWI) 9 S UTC–5(–4DT) **WASHINGTON COPTER**
N39°10.54′ W76°40.14′
143 B LRA Class I, ARFF Index D NOTAM FILE BWI **H–10H, 12I, L–29E, 34F, 36I, A**
RWY 10–28: H10503X150 (ASPH–GRVD) S–80, D–220, 2D–1020, 2D/2D2–1340 **IAP, AD**
PCR 759 F/A/X/T HIRL CL
RWY 10: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 71′. RVR–TMR Thld dsplcd 550′. Tree.
RWY 28: MALSR. PAPI(P4L)—GA 3.0° TCH 75′. RVR–TMR Thld dsplcd 700′. Tree. 0.3% up.
RWY 15R–33L: H9501X150 (ASPH–GRVD) S–80, D–220, 2D–675, 2D/2D2–890 PCR 759 F/A/X/T HIRL CL
RWY 15R: MALSR. PAPI(P4R)—GA 3.0° TCH 73′. RVR–TMR Thld dsplcd 301′. Antenna.
RWY 33L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 72′. RVR–TMR Thld dsplcd 500′. Tower.
RWY 15L–33R: H5000X100 (ASPH–GRVD) S–30, D–45 PCR 269 F/A/X/T HIRL 0.5% up NW
RWY 15L: REIL. PAPI(P4L)—GA 3.0° TCH 47′. RVR–TR Pole.
RWY 33R: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 47′. RVR–TR Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: TORA–10503 TODA–10503 ASDA–10503 LDA–9953
RWY 15L: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
RWY 15R: TORA–9501 TODA–9501 ASDA–8601 LDA–8301
RWY 28: TORA–10503 TODA–10503 ASDA–10503 LDA–9803
RWY 33L: TORA–9501 TODA–9501 ASDA–8801 LDA–8301
RWY 33R: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4
NOISE: Noise abatement procedures in effect—Rstrn for Rwy 15L–33R except for emerg or Mercy flights ctc amgr for info.
AIRPORT REMARKS: Attended continuously. Deer and birds ocnly on and invof arpt. Major constr on arpt dly; acft mov and prkg areas subject to short notice change/closure. For current info phone BWI opns cntr 410–859–7018. Rwy status lgts in operation. Practice lndg & apch by turbo–pwrd acft prohibited 0300–1100Z‡; practice lndg & tkof by B–747 acft prohibited Rwy 15R–33L. Rwy length avbl for Rwy 28 departures from Twy U1 is 9802 ft. Acft departing Rwy 28 exp dep from Twy U1. No apron parking for unscheduled air carriers. Midfield RVR sensor shared by Rwy 10–28 & Rwy 15R–33L. Taxiing prohibited btn concourse C and adjacent bldg structure SW of concourse C. Access to gate C12 must be via Twy A. Taxilanes T–1 and H, rstd to Group III acft with max wingspan of 118 ft. Twy A is rstrd to group IV acft wingspan 171 ft or less. Twy T btn Twy H and Twy E rstrd to Group IV acft with wingspan less than 171 ft. Twy T btn Twy E and Twy B rstrd to Group V acft with wingspan less than 214 ft; when Group V acft are on Twy T, Twy A is rstrd to max wingspans of 110 ft. Twy S, south of Twy P, rstrd to acft 60,000 lbs & less. Dual parallel taxilanes have been added to the D/E alleyway, Taxilane N and Taxilane N1. Taxilane N is designated a Group V taxilane with max wingspan of 213 ft. Taxilane N1 is designated a Group IV taxilane with a max wingspan of 170 ft. Cont mowing operations adj all rwys & twys Apr thru Nov. Distracting lgts (golf driving range) right side extdd cntrln Rwy 33L fm AER to 1/4 mi final. Acft on visual apchs expect to maintain 3000 ft until 10 DME fm BAL VORTAC; dep acft should expect turns based on Baltimore DME. Rwy 15R deice pad psns 1 thru 5 rstrd to acft with wingspan 117 ft 6 ins or less. Rwy 28 de–ice pad Lane 1 rstrd to acft with wingspan 171 ft or less, Lane 2 rstrd to acft with wingspan 135 ft or less, Lane 3 is used by large acft max wingspan 215 ft and when in use—Lanes 2 and 4 are unavbl. Lanes 4, 5 & 6 are rstrd to acft wingspan 135 ft or less. Concourse A alt deicing area is rstrd to B737–800 size acft with winglets or smlr on spots 6, 7 and 8. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fee. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: 410-859-7018
WEATHER DATA SOURCES: ASOS (227) 217–0474 TDWR.
COMMUNICATIONS: D–ATIS 115.1 127.8 **UNICOM** 119.4
BALTIMORE RCO 122.2 (LEESBURG RADIO)
Ⓡ **POTOMAC APP CON** 119.0 (020°–100°) 119.7 (131°–180°) 124.55 (101°–130°) 128.7 (181°–019°) 119.0 (131°–180°) 119.7 (020°–130°) 125.525 (181°–019°)
BALTIMORE TOWER 119.4 **GND CON** 121.9 **CLNC DEL** 118.05
Ⓡ **POTOMAC DEP CON** 124.55 (East) 128.7 (West)
CPDLC (LOGON KUSA)
PDC

CONTINUED ON NEXT PAGE

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AIRSPACE: CLASS B See VFR Terminal Area Chart.
RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.
(L) (L) VORTACW 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ at fld. 150/11W.
DME unusable:
133°–155° byd 20 NM blo 10,000′
133°–155° byd 36 NM
300°–349° byd 35 NM
VOR unusable:
133°–155° byd 20 NM blo 10,000′
197°–217° byd 17 NM
260°–281° byd 15 NM
282°–292°
TACAN AZIMUTH unusable:
029°–042° byd 30 NM
133°–155° byd 20 NM blo 10,000′
180°–190° byd 17 NM
300°–349° byd 35 NM
ELLICOTT NDB (MHW) 371 FND N39°17.24′ W76°46.62′ 154° 8.4 NM to fld. 381/11W.
NDB unusable:
140°–320° byd 12 NM blo 10,500′
ILS 109.7 I–BAL Rwy 10. Class IIIE.
ILS 111.95 I–UQC Rwy 15L. Class ID. LOC unusable byd 30° left of course.
ILS 111.7 I–FND Rwy 15R. Class IE.
ILS 109.7 I–OEH Rwy 28. Class IE.
ILS 111.7 I–RUX Rwy 33L. Class IIE.
ILS 111.95 I–BWI Rwy 33R. Class ID.
COMM/NAV/WEATHER REMARKS: GA acft ctc 129.0 prior to arr at GA ramp for scty purposes. During ATC zero events, UNICOM 119.4.

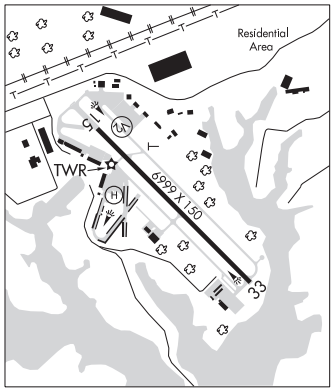
ESSEX SKYPARK (W48) 3 SE UTC–5(–4DT) N39°15.75′ W76°25.93′ **WASHINGTON COPTER**
14 B NOTAM FILE DCA
RWY 16–34: H2081X30 (ASPH) MIRL
RWY 16: REIL. PAPI(P2L)—GA 4.5° TCH 19′. Trees.
RWY 34: REIL. PAPI(P2R)—GA 4.5° TCH 20′. Trees.
SERVICE: **LGT** ACTVT REIL Rwy 16 and Rwy 34; MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Unattended. No touch and go ldgs. Pla and hel pat NA. PPR for mil, emerg and med acft.
AIRPORT MANAGER: 443-996-1743
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.
WATERWAY 16W–34W: 3000X300 (WATER)

MARTIN STATE (MTN)(KMTN) P (ANG) 9 E UTC–5(–4DT) N39°19.54′ W76°24.83′
22 B TPA—See Remarks LRA NOTAM FILE MTN

RWY 15–33: H6999X150 (ASPH–GRVD) S–65, D–82, 2S–175, 2D–140 HIRL

RWY 15: REIL. PVASI(PSIL)—GA 4.01° TCH 37′. Trees.

RWY 33: REIL. PVASI(PSIL)—GA 2.91° TCH 48′. Trees.



SERVICE: S2 **FUEL** 100LL, JET A+ **LGT** Dusk–Dawn. When ATCT clsd ACTVT REIL Rwys 15 & 33; HIRL Rwy 15–33—CTAF. When ATCT clsd ACTVT Twy F lgts—UNICOM. Rwy 15 VGSI unusbl byd 5 degs either side of cntrln. **MILITARY— FUEL** 100LL, A, A+ — 100LL 24 hr self svc 100LL avbl with credit card. **TRAN ALERT** Min tran maint and prk avbl dur nml duty hr and Unit Training Assemblies. No fleet svc avbl.

NOISE: Noise abatement procs in efct. When ATCT clsd no practice lndgs or apchs.

AIRPORT REMARKS: Attended 1100–0200Z‡. Arpt conds unmon 0400–1100Z‡. Seagulls on and invof arpt. 24 hr self serve 100LL avbl with credit card. Helicopters not authorized to access the 100LL self svc station under own pwr. PPR for practice tkf and ldg for acft weighing more than 12,500 lbs. TPA reciprocating engine acft 999(978), turbo prop and civil jet acft 1500(1478), military jet acft 1999(1978). 8,100′ avbl for tkof Rwy 15 and ldg Rwy 33 for mil acft only. ARFF svcs avbl 24 hrs daily. For ARFF svcs when ATCT clsd ctc ARFF station: CTAF or 410–918–6257/410–918–6911. No acft access to Twy S from Strawberry Point ramp. Helipad 800′ left of AER 33. Recreational sailboat masts +50′ & motor boats in waterway at AER 33 813′ fm thr on cntrln. Mowing ops conducted during dalgt. For additional information ctc arpt manager 410–682–8800.

MILITARY REMARKS: RSTD No practice apch or ldg 0300–1100Z‡. 8100′ avbl for tkf Rwy 15 and ldg Rwy 33 for mil acft only. **CAUTION** BASH II in effect Aug–Jan. **TFC PAT** TPA—C–130/Jet 1500(1478), A–10 2000 (1978). **MISC** Ltd resources avbl for tran mil acft. **ANG** Call Comd Post/Raven Ops 275.500 or 139.900 10 min prior to Indg. No space A, fleet svc, or tran qtrs avbl. PPR after duty hr rqr OG/CC apvl C–5/C–17 acft rstrd to Twy A. PPR for svc and use of ANG prk ramp only, DSN 243–6630/6637/6444, C410–918–6630/6637/6444; after duty hr ctc C443–421–3128.

AIRPORT MANAGER: 410-682-8800

WEATHER DATA SOURCES: AWOS–3PT (410) 682–8848

COMMUNICATIONS: CTAF 121.3 **ATIS** 124.925 **UNICOM** 122.95

Ⓡ **POTOMAC APP/DEP CON** 119.0 119.7 282.275 290.475

TOWER 121.3 254.425 (1100–0300Z‡) **GND CON** 121.8 253.4

175 WG COMD POST 139.9 275.7

CLEARANCE DELIVERY PHONE: For CD when twr clsd ctc Potomac Apch at 866-429-5882.

AIRSPACE: CLASS D svc 1100–0300Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (L) (L) VORTACW 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 062° 14.8 NM to fld. 150/11W.

DME unusable:
133°–155° byd 20 NM blo 10,000′
133°–155° byd 36 NM
300°–349° byd 35 NM

VOR unusable:
133°–155° byd 20 NM blo 10,000′
197°–217° byd 17 NM
260°–281° byd 15 NM
282°–292°

TACAN AZIMUTH unusable:
029°–042° byd 30 NM
133°–155° byd 20 NM blo 10,000′
180°–190° byd 17 NM
300°–349° byd 35 NM

LOC/DME 110.7 I–BQG Chan 44 Rwy 15. LOC offset. DME also serves Rwy 33. Unmonitored when ATCT clsd.

ILS/DME 110.7 I–MTN Chan 44 Rwy 33. Class IE. Unmonitored when ATCT clsd. DME also serves Rwy 15.

HELIPAD H1: H60X60 (CONC)

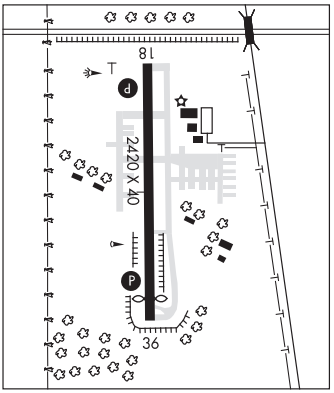
PIER 7 HELIPORT (4MD) 3 SE UTC–5(–4DT) N39°16.29′ W76°34.34′ **WASHINGTON COPTER**
16 B NOTAM FILE DCA
HELIPAD H1: H50X50 (CONC) PERIMETER LGTS
SERVICE: **FUEL** JET A **LGT** ACTIVATE perimeter lighting on PCL—123.075—7 clicks.
HELIPORT REMARKS: Attended 1330–0600Z‡. Pier markings—fading, chipping, minimal glass beads. Perimeter lgts. Ldg fee.
AIRPORT MANAGER: (443) 500-2355
WEATHER DATA SOURCES: AWOS–3PT 133.45.
COMMUNICATIONS: CTAF 123.025
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

BAY BRIDGE (See STEVENSVILLE on page 113)

BENNETT (See SALISBURY on page 112)

BOWIE

FREEWAY (WØØ) 2 NW UTC–5(–4DT) N38°56.48′ W76°46.34′ **WASHINGTON COPTER L–29E, 34F, 36I, A IAP**
168 B TPA—See Remarks NOTAM FILE DCA
RWY 18–36: H2420X40 (ASPH) MIRL 0.7% up N
RWY 18: PAPI(P2R)—GA 6.0° TCH 47′. Trees.
RWY 36: PAPI(P2L)—GA 5.5° TCH 26′. Thld dsplcd 230′. Trees. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT PAPI Rwys 18 and 36; MIRL Rwy 18–36—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Unattended major holidays. 100LL avbl when atndd. –15 ft drop 80 ft from apch to Rwy 36. –7 ft drop 50 ft fm apch end Rwy 18. Unlgtd antenna 135 ft AGL 600 ft NW AER 18. TPA—1000(832) for acft less than 4000 lbs max gross weight. TPA—1200(1032) for acft greater than 4000 lbs. Twy runup area for Rwy 36 clsd.
AIRPORT MANAGER: 301-390-6424
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **POTOMAC APP/DEP CON** 128.0
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-599-3874.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
NOTTINGHAM (L) TACAN Chan 84 OTT (113.7) N38°42.35′ W76°44.68′ 005° 14.2 NM to fld. 210/10W.
TACAN AZIMUTH unusable:
006°–194° blo 12,500′
DME unusable:
031°–050° byd 20 NM blo 4,000′
051°–065° byd 20 NM blo 5,000′
066°–076° byd 20 NM blo 3,000′
066°–076° byd 32 NM blo 5,000′
077°–086° byd 20 NM blo 5,000′
087°–122° byd 20 NM blo 7,000′
087°–143° byd 36 NM
123°–143° byd 20 NM blo 6,000′
123°–143° byd 32 NM blo 7,000′
144°–180° byd 20 NM blo 5,000′
181°–259° byd 20 NM blo 2,500′
260°–030° byd 20 NM blo 3,000′



CAMBRIDGE–DORCHESTER RGNL (CGE)(KCGE) 3 SE UTC–5(–4DT) N38°32.36′ W76°01.82′ **WASHINGTON L–34F, 36I, A IAP**

20 B NOTAM FILE DCA

RWY 16–34: H4477X75 (ASPH–GRVD) S–14 MIRL

RWY 16: REIL. PAPI(P2L)—GA 3.5° TCH 46′. Trees.

RWY 34: REIL. PAPI(P2L)—GA 3.25° TCH 35′. Road.

SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 16 & 34; PAPI Rwy 16 & 34; MIRL Rwy 16–34—121.9.

AIRPORT REMARKS: Attended 1300–2200Z‡. Unattended Thanksgiving, Christmas and New Years day.

AIRPORT MANAGER: 410-228-4571

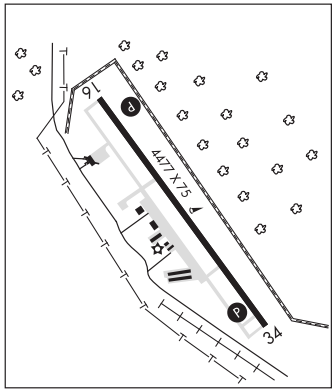
WEATHER DATA SOURCES: AWOS–3 120.675 (410) 228–7559.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **PATUXENT APP/DEP CON** 121.0 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 135.625

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.



CARROLL CO RGNL/JACK B POAGE FLD (See WESTMINSTER on page 114)

CHURCHVILLE

HARFORD CO (ØW3) 3 E UTC–5(–4DT) N39°34.13′ W76°12.25′ **WASHINGTON L–29E, 34F, 36J, A IAP**

412 B NOTAM FILE DCA

RWY 01–19: H3354X75 (ASPH) MIRL

RWY 01: REIL. PAPI(P2L)—GA 3.5° TCH 26′. Thld dsplcd 251′. P–line.

RWY 19: REIL. PAPI(P2L)—GA 3.25° TCH 42′.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** Arpt bcn sked: dusk–0600Z‡. ACTVT REIL Rwy 01 and Rwy 19; PAPI Rwy 01 and Rwy 19; MIRL Rwy 01–19—CTAF.

AIRPORT REMARKS: Attended 1300Z‡–dusk. Caution paja and gldr ops on arpt. Birds and wildlife on and invof arpt.

AIRPORT MANAGER: 410-836-2828

WEATHER DATA SOURCES: AWOS–3PT 132.725 (667) 340–6003.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **POTOMAC APP/DEP CON** 125.525

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

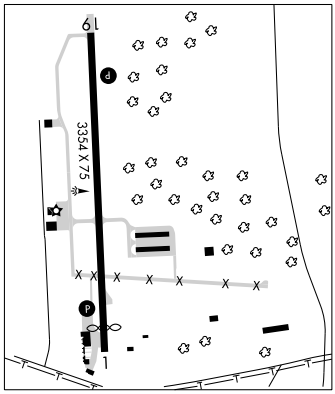
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

DUPONT (L) (L) VORTACW 114.0 DQO Chan 87 N39°40.69′ W75°36.43′ 267° 28.4 NM to fld. 70/10W.

VOR unusable:
230°–265° byd 20 NM

TACAN AZIMUTH unusable:
230°–265° byd 20 NM

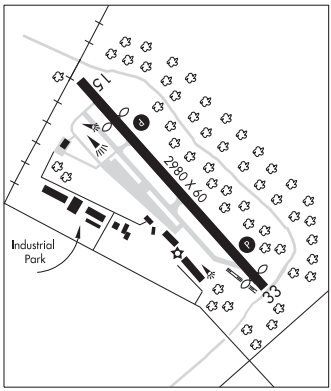
DME unusable:
230°–265° byd 20 NM



CLAREMONT (See ELKTON on page 99)

CLEARVIEW AIRPARK (See WESTMINSTER on page 115)

COLLEGE PARK (CGS)(KCGS) 1 SE UTC–5(–4DT) N38°58.83′ W76°55.33′ **WASHINGTON**
COPTER
L–29E, 34F, 36I, A
IAP
49 B NOTAM FILE CGS
RWY 15–33: H2980X60 (ASPH) MIRL 0.3% up NW
RWY 15: REIL. PAPI(P2L)—GA 4.0° TCH 27′. Thld dsplcd 564′. Trees.
RWY 33: REIL. PAPI(P2R)—GA 4.0° TCH 27′. Thld dsplcd 171′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–2980 TODA–2980 ASDA–2740 LDA–2176
RWY 33: TORA–2980 TODA–2980 ASDA–2846 LDA–2675
SERVICE: **FUEL** 100LL, JET A1+ **LGT** ACTVT REIL Rwy 15 and 33; PAPI Rwy 15 and 33; MIRL Rwy 15–33—CTAF.
NOISE: NS ABTMT procedures in effect ctc arpt mgr 301–864–5844.
AIRPORT REMARKS: Attended 1200–0300Z‡. Deer and other wildlife on and invof arpt. Compliance with 14 CFR Section 93.335 is rqr before pilots may opr to/from this arpt. AER 15 heavy smoke and firefighting training ops intermittently in progress. No student touch and go ldg or solo ops permitted. No acft over 12,500 lbs manufacturer GWT, helicopters only with 24 hr PPR, call arpt mgr 301–864–5844. No tkfs 0300–1200Z‡, ldg only. Bldg 0.1 NM S of arpt 23′ AGL lgtd. Transient parking: first 4 hrs free; fee aft, waived w/min fuel purchase; overnight fee. Hel ramp fee; waived if under 3500 lbs or min fuel purchase. Acft handling fee if relocation to/from fuel area rqrd by arpt pers.

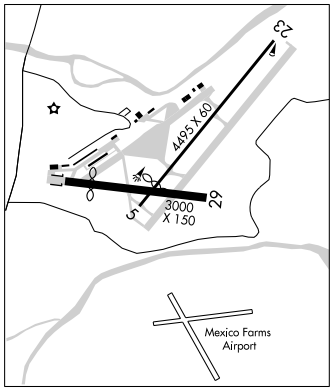


AIRPORT MANAGER: 301-864-5844
WEATHER DATA SOURCES: AWOS–3 121.225 (301) 864–5497.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **POTOMAC APP/DEP CON** 125.65 124.7
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-599-3874.
RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.
BALTIMORE (L) (L) VORTACW 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 238° 16.7 NM to fld. 150/11W.
DME unusable:
133°–155° byd 20 NM blo 10,000′
133°–155° byd 36 NM
300°–349° byd 35 NM
VOR unusable:
133°–155° byd 20 NM blo 10,000′
197°–217° byd 17 NM
260°–281° byd 15 NM
282°–292°
TACAN AZIMUTH unusable:
029°–042° byd 30 NM
133°–155° byd 20 NM blo 10,000′
180°–190° byd 17 NM
300°–349° byd 35 NM

CRISFIELD–SOMERSET CO (W41) 3 NE UTC–5(–4DT) N38°01.09′ W75°49.61′ **WASHINGTON**
L–34F, 36I
IAP
4 B NOTAM FILE DCA
RWY 14–32: H2397X75 (ASPH) S–12 MIRL
RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 39′.
RWY 32: REIL. PAPI(P2L)—GA 3.25° TCH 33′. Road.
RWY 06–24: 1060X120 (TURF)
RWY 06: Trees.
RWY 24: Trees.
SERVICE: **FUEL** 100LL **LGT** ACTVT REIL Rwy 14 & 32; MIRL Rwy 14–32—CTAF.
AIRPORT REMARKS: Attended 1330–2130Z‡. Rwy 06–24 clsd indefly. Birds and wildlife on and invof arpt. Turf areas of arpt may be soft. Rwy 32 marking faded, missing.
AIRPORT MANAGER: 410-968-1333
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other times ctc
Ⓡ **POTOMAC APP/DEP CON** 127.2
CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

CUMBERLAND

GREATER CUMBERLAND RGNL (CBE)(KCBE) 2 S UTC–5(–4DT) N39°36.94′ W78°45.74′ **WASHINGTON**
758 B TPA—1782(1024) NOTAM FILE EKN **L–29D**
RWY 05–23: H4495X60 (ASPH) S–38, D–52 HIRL 0.8% up NE **IAP**
RWY 05: Thld dsplcd 566′. Trees. Rgt tfc.
RWY 23: REIL.
RWY 11–29: H3000X150 (ASPH) S–12 LIRL(NSTD)
RWY 11: Thld dsplcd 560′. Hill.
SERVICE: **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** ACTVT REIL Rwy 23; HIRL Rwy 05–23; LIRL Rwy 11–29; and twy lgts—CTAF. Rwy 11 nstd LIRL fm Rwy 11 thr to Rwy 11 dsplcd thr, due to improper lens colors and spacing.



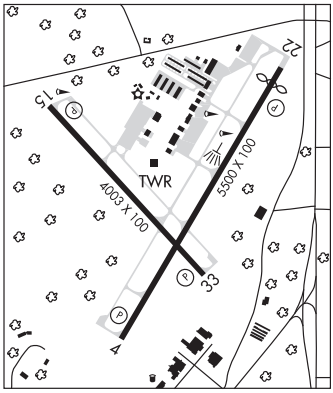
AIRPORT REMARKS: Attended 1300–0100Z‡. Deer/birds on and invof arpt. Glider opns W of arpt use Rwy 11 for dep; Rwy 29 for arr. Rwy 05 apch has rapidly rising terrain 696 ft left, 2000 ft fm thld. Rwy 11 ngt opns and any lndgs not recommended due to high terrain. Bottle oxy avbl fm 1300–2000Z‡ Mon–Fri by prior arngmt, call 304–738–0002. Bulk oxy avbl fm 1300–2000Z‡ Mon–Fri by prior arngmt, call 304–738–0002. Rwy 23 900 ft taxiway aligned with rwy west end. Rotating bcn located off arpt. Rwy 05–23 markings and CL partially obscured by longitudinal and transverse crack fill. Rwy 05–23 markings faded. Rwys 05, 23 and 29 markings faded. Cold temperature airport. Altitude correction required at or below –14C.
AIRPORT MANAGER: 304-738-0002
WEATHER DATA SOURCES: AWOS–3P 128.625 (304) 738–0451.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
GRANTSVILLE (L) DME 112.3 GRV Chan 70 N39°38.10′ W79°03.03′ 095° 13.4 NM to fld. 2671.
LOC/DME 110.5 I–CBE Chan 42 Rwy 23. DME unusable byd 22° left of course. DME unusable byd 10 NM blw 3,500′. LOC unusable byd 28° left of course.

MEXICO FARMS (1W3) 3 S UTC–5(–4DT) N39°36.36′ W78°45.63′ **WASHINGTON**
607 TPA—1407(800) NOTAM FILE EKN
RWY 09–27: 2120X75 (TURF)
RWY 09: Rgt tfc.
RWY 27: Thld dsplcd 326′. Trees.
AIRPORT REMARKS: Unattended. Ultralight act and wildlife on and invof arpt. Rising trrn 4500 ft W of arpt. Rwy 27 dsplcd thr mkd with cones on both sides. Rwy 09–27 may be soft.
AIRPORT MANAGER: 301-724-5231
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.
COMM/NAV/WEATHER REMARKS: UNICOM 122.8 shared with Cumberland Muni 0.5 mi due N.

DAVIS (See LAYTONSVILLE on page 107)

EASTON/NEWNAM FLD (ESN)(KESN) 2 N UTC–5(–4DT) N38°48.25′ W76°04.14′ **WASHINGTON**
72 B TPA—See Remarks NOTAM FILE ESN **H–10I, 12I, L–34F, 36I, A**
IAP, AD

RWY 04–22: H5500X100 (ASPH–GRVD) S–40, D–60, 2D–100 HIRL
0.7% up NE
RWY 04: PAPI(P4L)—GA 3.0° TCH 43′.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Thld dsplcd 325′. Rgt tfc.
RWY 15–33: H4003X100 (ASPH) S–40, D–60, 2D–100 MIRL
0.5% up SE
RWY 15: REIL. PAPI(P2L)—GA 3.5° TCH 45′.
RWY 33: REIL. PAPI(P2L)—GA 3.5° TCH 45′. Trees. Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–5175 TODA–5500 ASDA–4775 LDA–4775
RWY 22: TORA–5500 TODA–5500 ASDA–5500 LDA–5175

SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** When twr clsd ACTVT REILS Rwy 15, 22, & 33; HIRL Rwy 04–22; MIRL 15–33—CTAF.

NOISE: Noise abatement for Rwy 22: continue straight out or make a right turn to avoid overflight of the town of Easton. Departures should avoid overflight of the town of Easton below 2000′. Aircraft should avoid overflight of the Town of Easton and residential areas near the airport to the extent possible. Noise abatement for Runway 04: if traffic permits, make a slight left turn after departure to avoid overflying retirement community.

AIRPORT REMARKS: Attended 1300–dusk. Deer, birds and other wildlife on and invof arpt. TPA for jet acft 1598(1526), all other acft 1098(1026). Rwy 15–33 distance markers every 1000 ft west side rwy. NOTE: See Special Notices—Easton, Maryland Noise Abatement Procedure.

AIRPORT MANAGER: 410-770-8055

WEATHER DATA SOURCES: AWOS–3PT 124.475 (410) 822–2817.

COMMUNICATIONS: CTAF 118.525 **ATIS** 124.475
Ⓡ **POTOMAC APP/DEP CON** 124.55 133.75
TOWER 118.525 (1100–0300Z‡) **GND CON** 119.075 **CLNC DEL** 119.075

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-429-5882.

AIRSPACE: CLASS D svc 1100–0300Z‡; other times CLASS E.

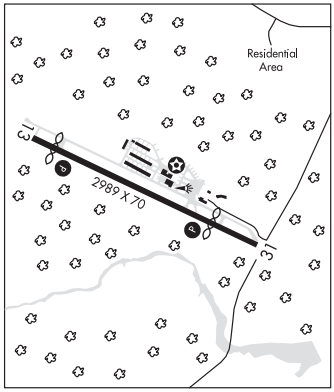
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WATERLOO (VL) (L) VORW/DME 112.6 ATR Chan 73 N38°48.59′ W75°12.68′ 279° 40.2 NM to fld. 5/9W.
DME unusable:
179°–293° byd 30 NM blo 2,000′
265°–309° byd 40 NM
327°–050° byd 40 NM
VOR unusable:
011°–050° byd 40 NM
268°–307° byd 40 NM
327°–344° byd 40 NM
345°–010°

ILS/DME 109.35 I–FGH Chan 30(Y) Rwy 04. Class IA. Unmonitored when ATCT clsd. Glideslope unusable blw 600′. Autopilot cpd apch NA blw 1,230′.

ELKTON

CLAREMONT (58M) 3 SW UTC–5(–4DT) N39°34.45′ W75°52.19′ **WASHINGTON**
106 B NOTAM FILE DCA **L–34G, A**
RWY 13–31: H2989X70 (ASPH–AFSC) MIRL 1.5% up NW **IAP**
RWY 13: REIL. PAPI(P2R)—GA 5.0° TCH 6′. Thld dsplcd 288′. Trees.
RWY 31: REIL. PAPI(P2L)—GA 4.0° TCH 6′. Thld dsplcd 601′. Trees.
SERVICE: S2 **FUEL** 100LL **LGT** ACTVT rotg bcn—123.0. ACTVT REIL Rwy 13 & 31; PAPI Rwy 13 & Rwy 31; MIRL Rwy 13–31—123.0.
AIRPORT REMARKS: Attended 1400–2100Z‡. Deer and birds on and invof arpt. Reduced braking action Rwy 13 downhill 1.5 deg. Calm/light wind use Rwy 31. Fuel: 100LL self serve. Rwy 13–31 no TGL. Rwy 13–31 unfilled cracks, alligator cracking, lateral and longl cracking, veg growth, oxidation. Rwy 13 and 31 markings faded.
AIRPORT MANAGER: (410) 398-0234
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PHILADELPHIA APP/DEP CON** 118.35
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at (800) 354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SMYRNA (L) (L) VORTACW 111.4 ENO Chan 51 N39°13.90′ W75°30.96′ 330° 26.3 NM to fld. 15/9W.
TACAN AZIMUTH unusable:
140°–150° byd 36 NM blo 2,000′
200°–300° byd 36 NM blo 3,000′
VOR unusable:
159°–169° blo 3,000 . 325–335 byd 15NM blo 4,900′
DME unusable:
140°–150° byd 36 NM blo 2,000′
200°–300° byd 36 NM blo 3,000′



ELLICOTT N39°17.24′ W76°46.62′ NOTAM FILE BWI. **WASHINGTON**
NDB (MHW) 371 FND 154° 8.4 NM to Baltimore/Washington Intl Thurgood Marshall. 381/11W. **COPTER**
NDB unusable: **L–29E, 34F, 36I, A**
140°–320° byd 12 NM blo 10,500′

ESSEX SKYPARK (See BALTIMORE on page 92)

FALLSTON (W42) 1 S UTC–5(–4DT) N39°30.08′ W76°24.68′ **WASHINGTON**
460 NOTAM FILE DCA **COPTER**
RWY 04–22: H2200X50 (ASPH) S–12 LIRL(NSTD)
RWY 04: Thld dsplcd 315′. Trees.
RWY 22: Thld dsplcd 230′. Trees.
SERVICE: **FUEL** 100LL **LGT** For NSTD LIRL Rwy 04–22 ctc arpt manager 410–877–9889.
AIRPORT REMARKS: Unattended. Arpt CLOSED dusk–1400Z‡. Arpt unattended major holidays. If attendant not present during dalyt hrs call 410–877–9889. For fuel, if no one present during dalgt hrs call 410–877–9889. Deer and wildlife on and invof arpt. Rwy 04–22 NSTD LIRL only one thld lgt each side. NSTD LIRL avbl to based acft with prior notice.
AIRPORT MANAGER: 410-877-9889
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

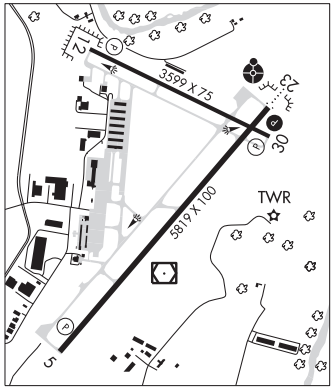
FORT MEADE (ODENTON)

FORT MEADE EXEC (FME)(KFME) 1 SW UTC–5(–4DT) N39°05.12′ W76°45.57′ **WASHINGTON**
150 B TPA—1000(850) NOTAM FILE FME **COPTER**
RWY 10–28: H3000X75 (ASPH) MIRL 1.0% up E **L–29E, 34F, 36I, A**
RWY 10: REIL. PAPI(P2L)—GA 4.0° TCH 51′. Trees. Rgt tfc. **IAP**
RWY 28: REIL. PAPI(P2L)—GA 4.0° TCH 57′.
SERVICE: S2 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 10 and 28; PAPI Rwy 10 and 28; MIRL Rwy 10–28—CTAF. Rwy 10–28 REIL; MIRL on photocell during dalgt hrs. Rwy 10 PAPI unusbl byd 8 degs left and right of crs. Rwy 28 PAPI unusbl byd 5 degs left of crs (trees), and 8 degs right of crs.
NOISE: Rwy 28 noise abatement proc: obsts clrd, fly upwind trk of 265 degs til clrng townhomes.
AIRPORT REMARKS: Attended 1330–2300Z‡. Deer on rwys and twys. PAEW adj all twys and Rwy 10–28 indefly. Be alert for nmrs BWI tbjt arr/dep in the area. Fly tfc pattern south of the field to avoid BWI Class B Asp. Remain clear of BWI Class B Asp until clnc is obtained.
AIRPORT MANAGER: 410-222-6815
WEATHER DATA SOURCES: AWOS–3 123.925.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **POTOMAC APP/DEP CON** 119.7
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.
RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.
BALTIMORE (L) (L) VORTACW 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 233° 6.9 NM to fld. 150/11W.
DME unusable:
133°–155° byd 20 NM blo 10,000′
133°–155° byd 36 NM
300°–349° byd 35 NM
VOR unusable:
133°–155° byd 20 NM blo 10,000′
197°–217° byd 17 NM
260°–281° byd 15 NM
282°–292°
TACAN AZIMUTH unusable:
029°–042° byd 30 NM
133°–155° byd 20 NM blo 10,000′
180°–190° byd 17 NM
300°–349° byd 35 NM

FORT MEADE EXEC (See FORT MEADE (ODENTON) on page 100)

FREDERICK MUNI (FDK)(KFDK) 0 E UTC–5(–4DT) N39°25.02′ W77°22.48′ **WASHINGTON**
309 B TPA—See Remarks NOTAM FILE FDK MON Airport **H–10H, 12I, L–29E, 34F, A**
IAP, AD

RWY 05–23: H5819X100 (ASPH–GRVD) S–60 PCN 30 F/C/X/T
HIRL 0.5% up SW
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 43′. Rgt tfc.
RWY 23: ODALS. REIL. PAPI(P4L)—GA 3.0° TCH 54′. Trees.
RWY 12–30: H3599X75 (ASPH) MIRL 0.3% up NW
RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Rgt tfc.
RWY 30: REIL. PAPI(P2L)—GA 4.0° TCH 37′.

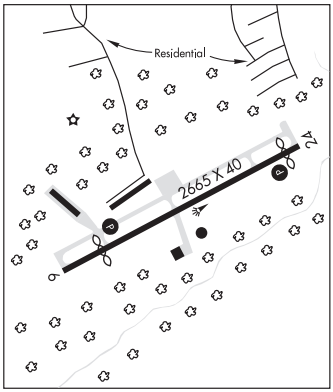


SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTVT ODALS Rwy 23; REIL Rwy 12, 23 and 30; PAPI Rwy 23; HIRL Rwy 05–23; MIRL Rwy 12–30—CTAF.
AIRPORT REMARKS: Attended 1200–0200Z‡. FBO unatndd on Christmas Day. Fuel self serve 100LL avbl H24 with credit card. Rwy 23, –15 ft depression 400 ft long; 246 ft L of cntrln; parallel to apch end. TPA—909(600) helicopters, 1409(1100) single and lgt twins, 1909(1600) lrg twins and jets.
AIRPORT MANAGER: 301-600-2201
WEATHER DATA SOURCES: ASOS (301) 600–1457
COMMUNICATIONS: CTAF 132.4 **ATIS** 124.875 **UNICOM** 122.95
Ⓡ **POTOMAC APP/DEP CON** 126.1
TOWER 132.4 (1200–0200Z‡) **GND CON** 127.425
CLNC DEL 127.425 126.9(When twr clsd)
CLEARANCE DELIVERY PHONE: For CD when twr clsd ctc Potomac Apch 126.9 or 866-709-4993.
AIRSPACE: CLASS D svc 1200–0200Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
WESTMINSTER (VH) (H) VORTACW 117.9 EMI Chan 126 N39°29.70′ W76°58.71′ 264° 19.0 NM to fld. 820/8W.
VOR unusable:
009°–056° byd 40 NM
128°–161° byd 20 NM blo 6,500′
221°–231° blo 4,500′
221°–231° byd 13 NM blo 16,000′
241°–251°
271°–286°
286°–294° byd 40 NM
295°–334° blo 5,500′
TACAN AZIMUTH unusable:
030°–055°
241°–251°
281°–030° byd 35 NM blo 3,000′
DME unusable:
030°–055°
241°–251°
281°–030° byd 35 NM blo 3,000′
(L) (L) VORW/DME 116.85 FDK Chan 115(Y) N39°24.73′ W77°22.51′ at fld. 303/8W. NOTAM FILE FDK.
VOR unusable:
180°–195° byd 30 NM blo 5,000′
196°–210°
255°–265°
DME unusable:
060°–105° byd 35 NM
125°–165° byd 25 NM
180°–195° byd 30 NM blo 5,000′
285°–345° byd 20 NM
ILS 110.3 I–FDK Rwy 23. Class IT.

FREEWAY (See BOWIE on page 94)

FRIENDLY

POTOMAC AIRFIELD (VKX)(KVKX) 0 NE UTC–5(–4DT) N38°44.92′ W76°57.36′ **WASHINGTON COPTER**
118 B NOTAM FILE DCA **L–29E, 34F, 36I, A IAP**
RWY 06–24: H2665X40 (ASPH) MIRL 0.3% up NE
RWY 06: REIL. PAPI(P2L)—GA 5.0° TCH 19′. Thld dsplcd 376′. Trees.
RWY 24: REIL. PAPI(P2L)—GA 5.5° TCH 20′. Thld dsplcd 90′. Trees.



SERVICE: S4 **FUEL** 100LL **LGT** MIRL Rwy 06–24 opr SS–SR; To ACTVT otr times and ACTVT PAPI Rwy 06 and 24—CTAF. Rwy 06 PAPI cntrln use only. Rotating bcn located 1000′ north of arpt.
NOISE: Noise abatement procedures: avoid takeoff 0300–1200Z‡.
AIRPORT REMARKS: Attended 1200–0300Z‡. Expect 24 hr surveillance: civil and mil, ground and air. Arpt within Flt Rstrd Zone (FRZ). FRZ pilots must file FRZ scty FP thru 703–771–3476. SFRA or IFR FP does not grant FRZ asp aces. For aces pilot must be pre–apvd thru TSA MD3 program. To apply for FRZ access, see arpt website. Unlimited vehicle access to acft movement areas.
AIRPORT MANAGER: 301-248-5720
COMMUNICATIONS: CTAF/AUNICOM 122.8
Ⓡ **POTOMAC APP/DEP CON** 124.7 125.65 (DC–FRZ)
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-599-3874.
RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.
ANDREWS (L) (L) VORTACW 113.1 ADW Chan 78 N38°48.43′ W76°51.98′ 240° 5.5 NM to fld. 263/10W.
VOR unusable:
035°–045° blo 2,500′
089°–182°
183°–227° blo 4,000′
230°–236° byd 20 NM
237°–270°
333°–048°
TACAN AZIMUTH unusable:
035°–045° blo 2,500′
220°–280°
295°–310°
DME unusable:
035°–045° blo 2,500′
220°–280°
COMM/NAV/WEATHER REMARKS: Automated UNICOM; 3 clicks adzy and wx, 4 clicks radio check. Visitors please tune 122.85 for parking instructions and gnd svcs.

GAITHERSBURG

MONTGOMERY CO AIRPARK (GAI)(KGAI) 3 NE UTC–5(–4DT) N39°10.10′ W77°09.96′ **WASHINGTON L–29E, 34F, 36I, A IAP**

539 B TPA—See Remarks NOTAM FILE DCA

RWY 14–32: H4202X75 (ASPH) MIRL 1.1% up SE

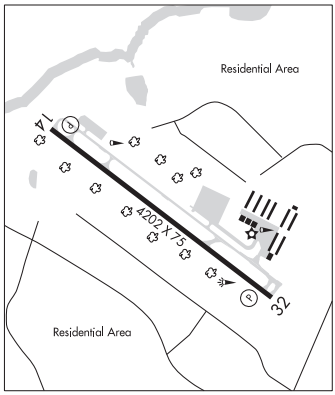
RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 40′.

RWY 32: REIL. PAPI(P4L)—GA 3.25° TCH 45′. Trees. Rgt tfc.

SERVICE: S6 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTVT REIL Rwy 14 & 32; MIRL Rwy 14–32—CTAF. PAPI Rwy 14 and Rwy 32 oprs consly. Rwy 32 PAPI baffled byd 5 deg L of crs due to bldg.

NOISE: Noise abatement dep Rwy 32; turn right to at least 340 degs; jets refrain from Rwy 32 takeoff btwn 0400–1200Z‡.

AIRPORT REMARKS: Attended Mar–May 1300–0000Z‡, June–Sep 1300–0100Z‡, Oct–Feb 1300–2300Z‡. Unattended Christmas Day. Deer and birds on and invof arpt. For after hrs svc call 301–963–8043. Fuel truck avbl 1300–0100Z‡, req on 122.85. Self–serve 100LL avbl with credit card. Be alert SFRA procedures in effect. Preferred calm wind Rwy 14. Arpt not recommended for acft with wingspan in excess of 79 ft & gross wt in excess of 48,000 lbs. Rwy 14 has 30 ft downslope 75 ft L/R of cntrln at thr to 150 ft both sides. South ramp not recommended for aircraft with wingspan greater than 79 ft or weight greater than 40,000 lbs. Helicopters refrain from air taxi over paved parking ramps. TPA—1539(1000), turbine and jet 2039(1500), helicopters 1339(800).



AIRPORT MANAGER: 301-978-7009

WEATHER DATA SOURCES: AWOS–3PT 128.275 (301) 977–2971.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **POTOMAC APP/DEP CON** 128.7

CLNC DEL 121.6

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

RADIO AIDS TO NAVIGATION: NOTAM FILE FDK.

FREDERICK (L) (L) VORW/DME 116.85 FDK Chan 115(Y) N39°24.73′ W77°22.51′ 154° 17.6 NM to fld. 303/8W.

VOR unusable:
180°–195° byd 30 NM blo 5,000′
196°–210°
255°–265°

DME unusable:
060°–105° byd 35 NM
125°–165° byd 25 NM
180°–195° byd 30 NM blo 5,000′
285°–345° byd 20 NM

GARRETT CO (See OAKLAND on page 109)

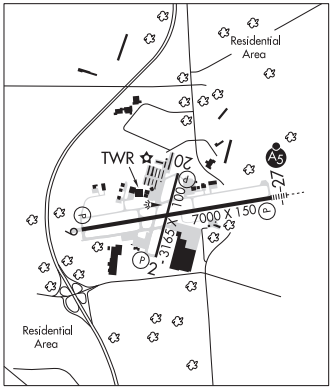
GOODEN AIRPARK (See RIDGELY on page 111)

GRANTSVILLE N39°38.10′ W79°03.03′ NOTAM FILE EKN. **CINCINNATI L–29D**

(L) DME 112.3 GRV Chan 70 095° 13.4 NM to Greater Cumberland Rgnl. 2671.

GREATER CUMBERLAND RGNL (See CUMBERLAND on page 97)

HAGERSTOWN RGNL/RICHARD A HENSON FLD (HGR)(KHGR) P (AR) 4 N UTC–5(–4DT) **WASHINGTON**
N39°42.51′ W77°43.59′ **H–10H, 12I, L–29D, A**
703 B ARFF Index—See Remarks NOTAM FILE HGR **IAP, AD**



RWY 09–27: H7000X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–550 PCR 750 F/A/X/T HIRL 0.3% up E
RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 55′.
RWY 27: MALSR. PAPI(P4L)—GA 3.0° TCH 55′.
RWY 02–20: H3165X100 (ASPH) S–120, D–250, 2S–127, 2D–515 PCR 600 F/A/X/T MIRL 0.3% up N No Part 121/Part 380 Ops
RWY 02: REIL. PAPI(P2L)—GA 4.0° TCH 53′.
RWY 20: REIL. PAPI(P2L)—GA 4.0° TCH 33′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–3165 TODA–3165 ASDA–3165 LDA–3165
RWY 09: TORA–7000 TODA–7000 ASDA–7000 LDA–7000
RWY 20: TORA–3165 TODA–3165 ASDA–3165 LDA–3165
RWY 27: TORA–7000 TODA–7000 ASDA–7000 LDA–7000
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** When ATCT clsd ACTVT MALSR Rwy 27; REIL Rwy 09; HIRL Rwy 09–27—CTAF. **MILITARY— FUEL** A, A+ (Avbl 1000–0300Z‡, C301–791–9119, OT 3 hr PN C301–730–4700/301–730–4100, fee $100/hr.) (NC–100LL) **OIL** O–128
AIRPORT REMARKS: Attended 1000–0300Z‡. Airport unattnd 0300–1000Z‡. Birds on and invof arpt. Ultralight act 12 NM east to 5000′ MSL. Low level mil acft 10 NM north on VR708 operating east to west. Fuel avbl 1000–0300Z‡, call 301–791–9119. DOD contract fuel avbl. Rwy 02–20 CLOSED when ATCT clsd. Class I, ARFF Index B. ARFF Index C avbl upon req; ctc amgr. PPR 24 hrs for unsked ACR opns with more than 30 psgr seats call amgr 240–313–2764. PPR 24 hr prior to aces the museum apn. For more info ctc museum mgr at 240–520–3417. Twy P not avbl for air carrier ops. Ldg fee.
AIRPORT MANAGER: 240-313-2764
WEATHER DATA SOURCES: ASOS 126.375 (301) 745–3497.
COMMUNICATIONS: CTAF 120.3 **UNICOM** 122.95
Ⓡ **POTOMAC APP/DEP CON** 126.825
TOWER 120.3 (1200–0300Z‡) **GND CON** 120.8
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-709-4993.
AIRSPACE: CLASS D svc 1200–0300Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE HGR.
(L) VORW 109.8 HGR N39°41.86′ W77°51.34′ 091° 6.0 NM to fld. 563/7W.
VOR unusable:
251°–280° byd 16 NM blo 4,000′
281°–300° byd 24 NM blo 8,000′
351°–050°
ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99′ W77°57.06′ 149° 17.0 NM to fld. 2338/7W. NOTAM FILE AOO.
ILS/DME 111.9 I–UYK Chan 56 Rwy 09. ILS unavbl when ATCT clsd.
ILS/DME 111.9 I–HGR Chan 56 Rwy 27. Class IE. OM/LOM OTS indef.

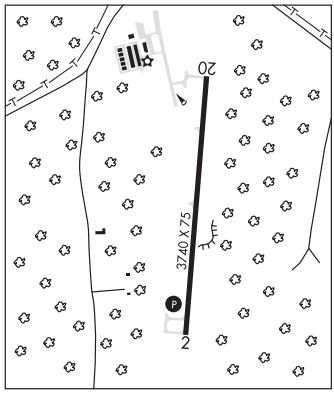
HARFORD CO (See CHURCHVILLE on page 95)

HAVRE DE GRACE SPB (MØ6) 1 E UTC–5(–4DT) N39°32.49′ W76°04.18′ **WASHINGTON**
00 NOTAM FILE DCA
WATERWAY E–W: 8000X200 (WATER)
WATERWAY E: Bridge.
WATERWAY N–S: 8000X200 (WATER)
WATERWAY S: Bridge.
SEAPLANE REMARKS: Attended May–Nov dawn–dusk. Birds on and invof arpt. +100 ft bridge aprxly 3500 ft north of N/S rwy.
AIRPORT MANAGER: (410) 258-9648
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

INDIAN HEAD

MARYLAND (2W5) 4 E UTC–5(–4DT) N38°35.82´ W77°04.35´
175 B TPA—1005(830) NOTAM FILE DCA
RWY 02–20: H3740X75 (ASPH) MIRL 0.4% up N
RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 40´. Trees.
RWY 20: Trees.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 02; PAPI Rwy 02; MIRL Rwy 02–20—CTAF. Arpt deactivates PAPI Rwy 02 when winds favor Rwy 20.
AIRPORT REMARKS: Attended Mon–Sun 1400–2300Z‡. Unatndd Thanksgiving, Christmas and New Year´s Days. Birds and wildlife on and invof arpt.
AIRPORT MANAGER: 301-283-6202
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 124.7 118.95 (DC–SFRA)
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-599-3874.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
NOTTINGHAM (L) TACAN Chan 84 OTT (113.7) N38°42.35´ W76°44.68´ 257° 16.7 NM to fld. 210/10W.
TACAN AZIMUTH unusable:
006°–194° blo 12,500´
DME unusable:
031°–050° byd 20 NM blo 4,000´
051°–065° byd 20 NM blo 5,000´
066°–076° byd 20 NM blo 3,000´
066°–076° byd 32 NM blo 5,000´
077°–086° byd 20 NM blo 5,000´
087°–122° byd 20 NM blo 7,000´
087°–143° byd 36 NM
123°–143° byd 20 NM blo 6,000´
123°–143° byd 32 NM blo 7,000´
144°–180° byd 20 NM blo 5,000´
181°–259° byd 20 NM blo 2,500´
260°–030° byd 20 NM blo 3,000´

WASHINGTON
COPTER
L–29E, 34E, 36I, A
IAP



JOINT BASE ANDREWS (ADW)(KADW) AF (A ANG AFRC DOE MC NAF) 3 E UTC–5(–4DT)
N38°48.65´ W76°52.04´
280 B NOTAM FILE ADW Not insp.
RWY 01L–19R: H11301X200 (CONC–GRVD) PCN 92 R/B/W/T HIRL CL
RWY 01L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 72´. RVR–TMR Thld dsplcd 991´.
RWY 19R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71´. RVR–TMR Thld dsplcd 992´.
RWY 01R–19L: H9756X150 (ASPH–CONC–GRVD) PCN 56 R/B/W/T HIRL
RWY 01R: ALSF1. PAPI(P4L)—GA 3.0° TCH 63´. RVR–T
RWY 19L: ALSF1. PAPI(P4L)—GA 3.0° TCH 57´. RVR–T
ARRESTING GEAR/SYSTEM
RWY 01L 1BAK–14 BAK–12B(B) (1240 FT). BAK–14 BAK–12B(B) (2240 FT). **RWY 19R**
RWY 01R BAK–14 BAK–12B(B) (1500 FT). BAK–14 BAK–12B(B) (1537 FT). **RWY 19L**
SERVICE: S4 **OX** 2 **MILITARY—LGT** Rwy 01L–19R VGSI and ILS glidepath not coincidental. Rwy 01L–19R PAPI set for hgt Group 4. Rwy 01R–19L PAPI set for hgt Group 4. **A–GEAR** Rwy 01R–19L North and South MB60 A–G unsvc. **JASU** (A/M32A–86) 9(AM32–95) **FUEL** A++. Exp 30 min delay. Aircrew of tran acft rqr pwr on refuel must assist in refuel. **FLUID** SP PRESAIR De–Ice LPOX HPOX LOX **OIL** SOAP
NOISE: Noise Abatement: No practice apch btn 0300–1100Z‡, all ACR acft exp full stop ldg. Quiet hr nmly 0300–1100Z‡. Scramble/Alert msn exempt. 0000–1100Z‡, daily, no helicopter overflight or tfc pat west of Rwy 01L–19R (over base housing) blw 800´ AGL. Strict compliance with procedure rqrd. 89 OSS AM OPS DSN 858–3411, C301–981–3411. Noise abatement Navy Ramp:Turboprop taxi low idle and secure outboard engines prior to ramp entry, exempt dur ice cond.

WASHINGTON
COPTER
H–10H, 12I, L–29E, 34F, 36I, A
DIAP, AD

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

MILITARY REMARKS: RSTD Official Business Only. PPRs for all aircraft. DVS, SAM, EVAC are exempt from restrictions however require PPR for tracking and ramp avbl. DSN 858–3411. All tran acft must obtain PPR NR for tracking and ramp avbl via e–mail: 89OSS.OSA@US.AF.MIL or DSN 858–3411/9442 or C301–981–3411/9442 no less than 48 hr prior to arr. Rwy 01L–19R Len of 11318´ is for Presidential Airlift Group (PAG), 459 ARW acft and 1 ACCS acft and other 89 OG/CC apvd acft ops. Apvl for use of the displd thlds for tkof or ldgs rqr 89 OG/CC apvl. Ctc 89 OSS AM Ops for waiver DSN 858–3411. Rwy 01L–19R avl tkof dist incl hardened ovrn is 10918´ X 200´. Opr use of Rwy 01L–19R dsplcd thr areas for tkof and/or ldg rollout specifically auth for Presidential Airlift Group (PAG), 459 ARW acft, 1 ACCS and other 89 OG/CC apvd acft. Northernmost 400´ of ovrn displaced threshold areas can accommodate only idle thrust jet blast. Only southernmost 600´ of Rwy 19R displaced threshold areas (North end of Rwy 01L–19R) is usable for tkof (i.e. point at which tkf power can be applied) due to proximity of LOC ant array install 1200´ fm Rwy 19R ldg thld. PPR must be req 72 hr prior to arr, DSN 858–3411. Rwy 01R–19L due to weak feature at apch end Rwy 01R. Rwy 01L–19R South end underrun/overrun unusbl due to pavement degradation. No arr/dep of tran fighter acft with live forward firing munitions. All inbd acft ctc Andrews Comd Post (316 WG comd Post) 1 hr out with DV codes, load msg, blocktime, ETD and rqr. AMC acft opr rstd dur bird watch condition moderate (tkof or ldg perms only when dep/arr rte avoid ident bird act, no lcl IFR/VFR tfc pat act) and severe (tkof or ldg proh wo OG/CC), ctc baseops for current bird watch cond. Current bird watch cond. E–4 acft rqr afld mgr apvl to use. Twy E btn Twys E1 and E4 are only 50´ wide. All twys are 75´ wide exc Twy E1 and Twy E2.Twy E, N, of E3 clsd to acft with wg span greater than 165´ (C5, B747, C17 KC10, etc). For RON svc call 316 WG Comd Post DSN 858–5058 or C301–981–5058.ASDE in use. Opr transponders with alt reporting mode and ADS–B (if equipped) enable in ctl movement area. Rwy 01R–19L B–747/AN–124 opr proh, exc 89AW acft, due foreign object damge potential; waiver authority is 316 OG/CC. PPR exc AMC, SAM, DOD courier svc, and evac MSN DSN 858–3411. All acft filing to ADW must call for ramp freeze info, ramp freezes close afld up to 30 min, delays are possible. **CAUTION** Extremely heavy VFR conflicting tfc North and South quadrants. Visibility byd 3 miles rstd by trees. Wind flow from 200º–300º disrupted by hangar on SE side of afld. Deer haz, pilots report any activity to twr/PTD. Obstruction (acft tails) encroach upon 7:1 transition sfc, westside, between park rows 1–12, tail heights may encroach by 16´ 7". East ramp, tail heights may encroach by 51´ 6".Flight restricted zone and SFRA in the Washington DC metropolitan area. All non–DOD acft must ctc. Transportation Security Administration for SFRA Waiver IAW ZDC NOTAMS 5–7 days prior. Effective Rwy 01L–19R (btn displ thld) avbl for tkof and ldg is 9318´. Do not land prior to mrk displ thld; overrun may be used for ldg roll out/emergency stopping. Offl TERPS end of rwy for obst protection is mrkd thld. Do not use opposite runway end for tkf computations or tkf roll. Rwy 01L–19R displ thld tkoff use rstds to Presidential Airlift Group (PAG), 459 ARW acft, 1 ACCS and other 89 OG/CC apvl. OG/CC apvl rqrd for use of the displ thld for tkof or ldg. **TFC PAT** Because of extremely hvy air tfc to the W, all acft on overhead pat will enter fm the east, regardless of ldg rwy. Overhead pat 2000´, rectangular pat 1500´, lgt acft 1000´ copter 800´. Acft req VFR multi patterns must use twr VHF freq. **MISC** All tran acft will hold on Twy W for flw me veh prior to entering prk ramp. First 4300´ and last 325´ of Rwy 01R concrete. Ftr/trng acft bring eng covers. Acft with VIP exp transfer to AF copter must ctc Mussel OPS (141.7 292.2) 15 min out if arr will be different than sked. For flt planning, use DCA preferred IFR routes lctd at http://www.fly.faa.gov/rmt/n.fdc–preferred–routes–database.jsp. Rwy 01L–19R grooved. Rwy 01R–19L grooved. West ramp rows 2, 3, and 4 closed when DV movement aircraft present on row 5. Rwy 01L–19R mandatory rwy hold signs at end intersections of Twys N, S and W contain incorrect legend. Rwy 01L–19R and Rwy 01R–19L hold signs at instrument critical areas on Twys W, N, S, and E contain incorrect legend. During winter weather events aircrew may receive airfield status information at HTTP://RT3GRIP.COM/ANDREWS/LOGIN.PHP after retrieving the login information from AM ops at DSN 858–9442 or C301–981–9442. **CSTMS/AG/IMG** Customs Border Protection hrs 1100–2300Z‡, after 2300Z‡ ctc Comd Post. OT agents drive to Andrews AFB. No notice acft that rqr Customs can exp min 2 hr delay. CBP rqr the following forms for arrival acft. CBP form 7507 (11/12) general declaration, CBP form 6059B (04/14) customs declaration lctd https://www.cbp.gov/newsroom/publications/forms. **MISC NAVY** East/Navy side tran svc not avbl 24/7. Exc for DV flt Navy HQ bldg open 1230–2130Z‡ Mon–Fri. For after hr arrivals ctc NAFW at C240–381–2739/C240–857–4880. **ANG** PPR for svg and use of prk ramps. No AVGAS or reciprocating eng oil avbl, ltd maint. Ctc 201 OPS DSN 857–7161/62, UHF 314.25, lctd w side ADW. 113 WG, DCANG DSN 857–4190/91, UHF 234.8 lctd east side ADW. No tran maint avbl.

AIRPORT MANAGER: 301-981-9442

WEATHER DATA SOURCES: TDWR.

COMMUNICATIONS: D–ATIS 133.675 251.05 D

Ⓡ **POTOMAC APP CON** 128.0 335.5

TOWER 118.4 349.0 **GND CON** 121.8 275.8 **CLNC DEL** 127.55 285.475

Ⓡ **POTOMAC DEP CON** 118.95 257.2 (West) 125.65 348.725 (East)

CPDLC (LOGON KUSA)

PDC

ANDREWS COMD POST 141.55 378.1 (VHS O/S UFN) **PMSV METRO** 344.6 H24 wx svc avbl at DSN 858–2840, C301–981–2840/5826. AN/FMQ–19 automated observing sys in use; augmented by human obsn when nec. If wx flt unavbl, remote svc able from 15th Opr Wx Squadron DSN 576–9755 C618–256–9755. **AFRC OPS** 143.8 351.2 **A/G** See Global HF Systems list in FIH.

CONTINUED ON NEXT PAGE

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AIRSPACE: CLASS B See VFR Terminal Area Chart.
RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.
ANDREWS (L) (L) VORTACW 113.1 ADW Chan 78 N38°48.43′ W76°51.98′ at fld. 263/10W.
VOR unusable:
035°–045° blo 2,500′
089°–182°
183°–227° blo 4,000′
230°–236° byd 20 NM
237°–270°
333°–048°
TACAN AZIMUTH unusable:
035°–045° blo 2,500′
220°–280°
295°–310°
DME unusable:
035°–045° blo 2,500′
220°–280°
ILS 111.5 I–RWS Rwy 01L. Class IIIE.
ILS 110.5 I–VJM Rwy 01R. Class IE.
ILS 110.5 I–GQZ Rwy 19L. Class IE.
ILS 111.5 I–MXK Rwy 19R. Class IIIE. LOC unusable 25° right of course.

KENTMORR AIRPARK (See STEVENSVILLE on page 113)

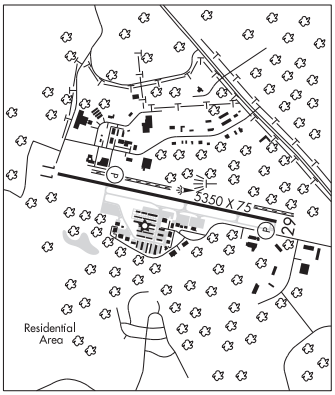
LAYTONSVILLE

DAVIS (W5Ø) 3 N UTC–5(–4DT) N39°14.59′ W77°09.05′ **WASHINGTON**
609 TPA—1409(800) NOTAM FILE DCA
RWY 08–26: H2600X50 (ASPH) 0.8% up E
RWY 08: Trees.
RWY 26: Trees.
SERVICE: S2 **FUEL** 100LL
AIRPORT REMARKS: Attended Mon–Fri dawn–dusk. Arpt closed dusk–dawn. Birds and wildlife on and invof arpt. Touch and go ops NA. Rwy 26, pond 80 ft R of thr.
AIRPORT MANAGER: 301-253-2897
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.
COMM/NAV/WEATHER REMARKS: UNICOM unmon.

LEE (See ANNAPOLIS on page 90)

LEONARDTOWN

ST MARY'S CO RGNL (2W6) 4 NE UTC–5(–4DT) N38°18.94′ W76°33.13′ **WASHINGTON**
142 B NOTAM FILE DCA **H–10H, 12I, L–29E, 34E, 36I, A**
RWY 11–29: H5350X75 (ASPH) S–12.5 MIRL 0.3% up W **IAP**
RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 42′.
RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 39′.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 11 and 29; MIRL Rwy 11–29—CTAF. PAPI Rwy 11 and 29 oprs consly. Rwy 11 PAPI unusbl byd 6 degs left of cntrln.



AIRPORT REMARKS: Attended 1300–2200Z‡. Deer on & invof Rwy 11–29 SS–SR. Glider, UAS, and ultralight activity on and invof arpt. Mil acft on instr apch to Pax River NAS may overfly arpt at 1600′ MSL & not mon CTAF. When Pax Rwy 14 in use, 2W6 acft cross apch path at or blw 1000′ or above 3000′. Mil helo ops invof arpt. Self serve 100LL avbl with credit card. Rwy 29 15 ft depression (downslope) 300 ft fm thr 150 ft R–125 ft L. Rwy 11–29 unfilled cracks, vegetative growth, oxidation, ravelling. Rwy 29 markings faded. When R–4007 in effect, acft operating VFR at arpt must remain within 1.5 NM of arpt, at or blw 1500 MSL, and above 700′ AGL. All VFR flt ops conducted within R–4007 shall be at or blw 1000′ MSL. IFR and VFR apchs within R–4077 will be coordinated with Patuxent Apch on 121.0 or by phone 301–342–3740.
AIRPORT MANAGER: 301-475-4200
WEATHER DATA SOURCES: AWOS–3P 119.575 (301) 373–6514.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **PATUXENT APP/DEP CON** 121.0 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other time ctc
Ⓡ **POTOMAC APP/DEP CON** 135.625
CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

MARTIN STATE (See BALTIMORE on page 93)

MARYLAND (See INDIAN HEAD on page 105)

MASSEY AERODROME (MD1) 2 E UTC–5(–4DT) N39°17.96′ W75°47.96′ **WASHINGTON**
73 NOTAM FILE DCA
RWY 02–20: 3000X100 (TURF)
RWY 20: Thld dsplcd 120′. P–line.
AIRPORT REMARKS: Attended 1500–2200Z‡. Gliders, hang–gliders, powered prchts, ultralight act, on and invof arpt. Rwy thr and sides marked with white cones. Rwy 20 dsplcd thr marked with 3 white cones on both sides.
AIRPORT MANAGER: 410-928-5270
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

MEXICO FARMS (See CUMBERLAND on page 97)

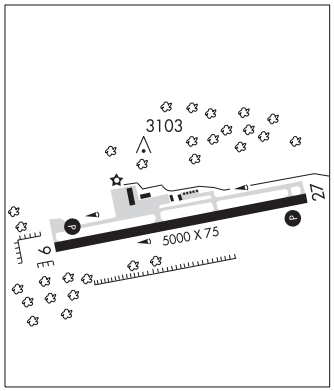
MONTGOMERY CO AIRPARK (See GAITHERSBURG on page 103)

NOTTINGHAM N38°42.35′ W76°44.68′ NOTAM FILE DCA. **WASHINGTON**
(L) TACAN 113.7 OTT Chan 84 328° 8.5 NM to Joint Base Andrews. 210/10W. **COPTER**
H–10H, 12I, L–29E, 34F, 36I, A
TACAN AZIMUTH unusable:
006°–194° blo 12,500′
DME unusable:
031°–050° byd 20 NM blo 4,000′
051°–065° byd 20 NM blo 5,000′
066°–076° byd 20 NM blo 3,000′
066°–076° byd 32 NM blo 5,000′
077°–086° byd 20 NM blo 5,000′
087°–122° byd 20 NM blo 7,000′
087°–143° byd 36 NM
123°–143° byd 20 NM blo 6,000′
123°–143° byd 32 NM blo 7,000′
144°–180° byd 20 NM blo 5,000′
181°–259° byd 20 NM blo 2,500′
260°–030° byd 20 NM blo 3,000′

OAKLAND

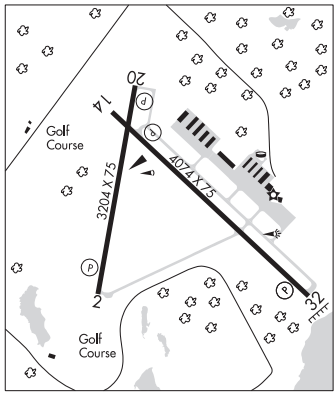
GARRETT CO (2G4) 13 NE UTC–5(–4DT) N39°34.85′ W79°20.16′ **CINCINNATI**
2933 B TPA—3733(800) NOTAM FILE EKN **H–10H, 12I, L–29C**
IAP

RWY 09–27: H5000X75 (ASPH–GRVD) MIRL 1.1% up W
RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 43′.
RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 42′.
SERVICE: S1 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 09–27; PAPI Rwy 09 and 27; MIRL Rwy 09–27—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Unattended Christmas and New Years Day. Wildlife on and invof arpt. 24 hr self serve 100LL and JET A, avbl w/anti–icing agent credit card.
AIRPORT MANAGER: 301-746-8599
WEATHER DATA SOURCES: AWOS–3PT 120.125 (301) 746–8443.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **CLARKSBURG APP/DEP CON** 119.425 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
GRANTSVILLE (L) DME 112.3 GRV Chan 70 N39°38.10′ W79°03.03′ 256° 13.6 NM to fld. 2671.



OCEAN CITY MUNI (OXB)(KOXB) 2 SW UTC–5(–4DT) N38°18.63′ W75°07.44′ **WASHINGTON**
16 B NOTAM FILE OXB **L–36J, A**
IAP

RWY 14–32: H4074X75 (ASPH–GRVD) S–45, D–75 MIRL
RWY 14: REIL. PAPI(P2L)—GA 4.0° TCH 48′. Trees.
RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 35′.
RWY 02–20: H3204X75 (ASPH) MIRL
RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 40′.
RWY 20: REIL. PAPI(P2L)—GA 4.0° TCH 42′.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** MIRL Rwy 02–20 and 14–32 opr SS–SR and preset low intst; incr intst and ACTVT REIL Rwy 02, 14, 20 and 32—CTAF. PAPI Rwy 02, 14, 20 and 32 opr consly. Rwy 02 PAPI unusbl byd 6 deg left of cntrln.
AIRPORT REMARKS: Attended 1300–2200Z‡. Parachute Jumping. Deer and birds on and invof arpt. 24 hr self serve 100LL avbl with credit card. Trucks and vehicles crossing twy, north of hold block Rwy 02.
AIRPORT MANAGER: (443) 235-4434
WEATHER DATA SOURCES: ASOS 119.025 (410) 213–1530.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other times ctc
Ⓡ **POTOMAC APP/DEP CON** 127.2
CLNC DEL 127.25 (When NHK apch clsd)
CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.
SALISBURY (L) TACAN Chan 49 SBY (111.2) N38°20.70′ W75°30.63′ 108° 18.4 NM to fld. 48/12W.
TACAN AZIMUTH unusable:
009°–055° byd 20 NM
261°–285° blo 6,000′
294°–007° blo 5,000′
DME unusable:
009°–055° byd 20 NM
261°–285° blo 6,000′
294°–007° blo 5,000′
LOC/DME 109.15 I–OXB Chan 28(Y) Rwy 32. Unmonitored when FBO clsd.



PATUXENT RIVER NAS (TRAPNELL FLD) (NHK)(KNHK) N 0 N UTC–5(–4DT) N38°17.18´ W76°24.60´ **WASHINGTON**
H–10I, 12I, L–34E, 36I, A
39 B TPA—See Remarks LRA NOTAM FILE DCA Not insp. **DIAP, AD**

RWY 06–24: H11799X200 (ASPH) PCN 70 R/B/W/T HIRL CL
RWY 06: ALSF1. OLS. TDZL.
RWY 24: OLS.
RWY 14–32: H9732X200 (ASPH) PCN 67 R/B/W/T HIRL
RWY 14: OLS.
RWY 32: OLS.
RWY 02–20: H5021X75 (ASPH) PCN 79 R/B/W/T
ARRESTING GEAR/SYSTEM
RWY 06 HOOK E28(B) (2180 FT). HOOK E28(B) (1499 FT). **RWY 24**
RWY 14 HOOK E28(B) (1280 FT). HOOK E28(B) (3050 FT). **RWY 32**

SERVICE: **MILITARY— JASU** (NCPP–105) (NC–8A) (NC–10C) **FUEL** J5, 100LL, A **FLUID** SP LHOX LOX **OIL** O–128–133–148–156(Mil) **TRAN ALERT** Avbl 1200–2300Z‡ Mon–Fri exc hol. No base transportation avbl.

NOISE: Noise abatement: Military acft maintain at least 1500´ between 3 NM and 10 NM from 210° clockwise to 240°. No practice apch Mon–Fri 0300–1200Z‡. Sat before 1500Z‡, Sun before 1700Z‡. Tran acft practice apch not to interfere basis.

MILITARY REMARKS: Opr Class D svc Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays. OT by NOTAM. See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** PPR, no NOTAM trml fac avbl. PPR requests should be emailed to paxpprs@us.navy.mil. To confirm receipt of PPRs call DSN 342–8923, C301–342–8923. Acft must make prior arng and rcv PPR fr host squadron, or NAS Air Operations. Ltd ramp space, and ltd tran svc avbl expect delays. Twy all exp dly due to acft wt limitations. **CAUTION** Deer and bird haz. Stopping in rstd area on Twy A, W twy is proh. Portions of rwy, twy and acft ramps not vis fr twr. First 1630 ft. Rwy 32 may be clsd dalgt hrs Mon–Sat dur VFR. Buildings and equipment are located near the approaach end of Rwy 32. **TFC PAT** TPA—VFR initial at 4 DME (Rwy 32 at 3 DME) 2000(1961), break 1500(1461), downwind 1000(961). Reduced rwy separation std in eff for lcl based USN/USMC acft. **CSTMS/AG/IMG** Ltd to acft on official business at Patuxent River with 72 hr prior notice. Ctc AODO at DSN 342–3836, C301–342–3836. **MISC** NS Norfolk, Chamber Fld coord all flt planning svc. Flt plans should be emailed to W_CNI_NRFK_NSNORFOLK_N32_ATC_USERS@NAVY.MIL or fax to DSN 565–9680, C757–445–9680. To confirm receipt of flt plans call NS Norfolk, Chambers Fld Flt Planning Supervisor at DSN 262–3419/3429, C757–322–3419/3429. Wx forecast svc avbl 0900–0100Z‡ Mon–Fri. For forecast svc all other hrs ctc FWC–N at DSN 565–4555 or C888–745–6899. Wx observation and PMSV monitoring avbl 1100–0400Z‡ Mon–Fri and 1200–2300Z‡ Sat–Sun. Class D avail excluding that airspace within restricted areas R–4005 and R–4007 when active. See FLIP AP/1 supplementary arpt remarks. For info regard Civil Air Landing Permits (CALPS) ctc AFM at 301–342–8923 or email NASPATUXENTRIVERCALPS@US.NAVY.MIL.

AIRPORT MANAGER: 301-863-3339

COMMUNICATIONS: SFA ATIS 322.425

Ⓡ **APP/DEP CON** 120.05 281.8 (165°–055° abv 3000) 121.0 250.3 (165°–055° 3000 and blo) 127.95 314.0 (056°–164°) (1200–0400Z‡ Mon–Sun. Other times by NOTAM.)

Ⓡ **POTOMAC APP/DEP CON** 135.625 269.625 (0400–1200Z‡ Mon–Sun. Other times by NOTAM.)

TOWER 123.7 343.65 340.2X (24hrs++ Mon–Sun. Other times by NOTAM.) **GND CON** 120.6 336.4 **CLNC DEL** 135.2 316.125 **PMSV METRO** 356.2

CLEARANCE DELIVERY PHONE: For CD when NHK ATCT/Apch are clsd ctc Potomac Apch at 866-640-4124.

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE NHK.

NAS PATUXENT RIVER (L) TACAN Chan 39(Y) NHK (110.25) N38°16.86´ W76°24.64´ at fld. 18/10W.
TACAN AZIMUTH unusable:
026°–045° byd 20 NM
060°–075° byd 12 NM blo 2,500´
076°–090° byd 15 NM
135°–170° byd 15 NM
171°–190° byd 12 NM blo 2,500´
191°–220° byd 25 NM
221°–240° byd 15 NM
250°–290° byd 15 NM
322°–332° byd 12 NM blo 2,500´
355°–025° byd 12 NM blo 2,500´
DME unusable:
026°–045° byd 20 NM
076°–090° byd 15 NM
135°–170° byd 15 NM
191°–220° byd 25 NM
221°–240° byd 15 NM
250°–290° byd 15 NM

ILS/DME 108.7 I–NHK Chan 24 Rwy 06. Class IT. Glideslope unusable byd 9 NM. Autopilot cpd apch NA blw 380´ MSL.

ASR/PAR Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. For ASOS ctc C301–342–3398.

PHILLIPS AAF (ABERDEEN PROVING GROUND) (APG)(KAPG) A 2 S UTC–5(–4DT) N39°27.93´ W76°10.10´ **WASHINGTON H–10I, 12I, L–34F, 36J, A DIAP**

45 B LRA NOTAM FILE DCA Not insp.

RWY 04–22: H7998X200 (ASPH) PCN 44 F/A/W/T HIRL

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 49´.

SERVICE: **MILITARY— LGT** ACTVT HIRL Rwy 04–22, REIL Rwy 22; Twy A lgt—CTAF. PAPI Rwy 22 opr H24. **FUEL** J8 **OIL** O–113–156(Mil)

NOISE: Noise abatement: Noise sensitive area. Use ns abtmnt opr procedure.

MILITARY REMARKS: Opr 1200–2200Z‡ Mon–Fri, exc hol. **RSTD** 48 hr PPR all acft. C410–278–3483/3074. Rwy 08–26 ltd to 25,000 lb GWT. Touch and go ldg proh while veh test in progress, lo apch only. **CAUTION** Impact area 1300 yd S of Rwy 04–22 and 2.5 miles SW of dep end of Rwy 22. Deer haz. Ctc ADVSY 15 min prior to arr to arng deer sweep. If advsy clsd use extreme caution. **MISC:** See AP/1 Flip for VFR/SVFR Arr/Dep pro. ARFF protection not lctd on afld. Afld signs nstd or missing. Afld markings faded or missing. **CSTMS/AG/IMG:** Cstms and img avbl 48 PN.

AIRPORT MANAGER: 410-278-4902

COMMUNICATIONS: CTAF 126.15

Ⓡ **POTOMAC APP/DEP CON** 125.525 291.625

VFR ADZY 126.15 (Opr 1300–2100Z‡ Mon–Fri exc hol)

CLEARANCE DELIVERY PHONE: For CD when advsy clsd ctc Potomac Apch at 866-429-5882.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

DUPONT (L) (L) VORTACW 114.0 DQO Chan 87 N39°40.69´ W75°36.43´ 254° 29.0 NM to fld. 70/10W.

VOR unusable:
230°–265° byd 20 NM

TACAN AZIMUTH unusable:
230°–265° byd 20 NM

DME unusable:
230°–265° byd 20 NM

PIER 7 HELIPORT (See BALTIMORE on page 94)

POTOMAC AIRFIELD (See FRIENDLY on page 102)

RIDGELY

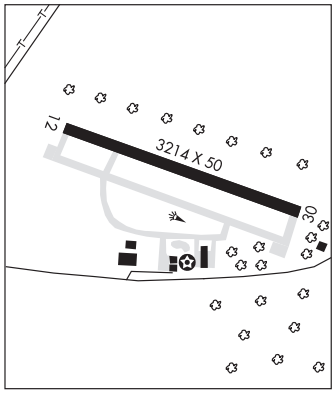
GOODEN AIRPARK (RJD)(KRJD) 2 NE UTC–5(–4DT) N38°58.21´ W75°51.98´ **WASHINGTON L–34F, 36J, A IAP**

64 B NOTAM FILE DCA

RWY 12–30: H3214X50 (ASPH) S–28, D–39 LIRL

RWY 12: REIL. P–line.

RWY 30: REIL. Trees. Rgt tfc.



SERVICE: S4 **LGT** ACTVT aprt beacon—CTAF. ACTVT REIL Rwy 12 & 30; LIRL Rwy 12–30—CTAF.

AIRPORT REMARKS: Unattended. Birds, deer and wildlife on and invof arpt. Unlimited vehicle access to acft movement areas. Turf areas adjacent to acft movement areas soft when wet. Twy/Apn pavements are failing with loose aggregate and alligator cracking. Rwy 12–30 thld bars and rwy numbers are half size. Rwy 12 and 30 mkg condition faded, crack seal thru mrkgs.

AIRPORT MANAGER: 302-270-2227

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **DOVER APP/DEP CON** 132.425

DOVER APP/DEP CON 132.425 (Rwy 30)

CLEARANCE DELIVERY PHONE: For CD ctc Dover Apch at 302-677-3940.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) (L) VORTACW 111.4 ENO Chan 51 N39°13.90´ W75°30.96´ 235° 22.7 NM to fld. 15/9W.

TACAN AZIMUTH unusable:
140°–150° byd 36 NM blo 2,000´
200°–300° byd 36 NM blo 3,000´

VOR unusable:
159°–169° blo 3,000 . 325–335 byd 15NM blo 4,900´

DME unusable:
140°–150° byd 36 NM blo 2,000´
200°–300° byd 36 NM blo 3,000´

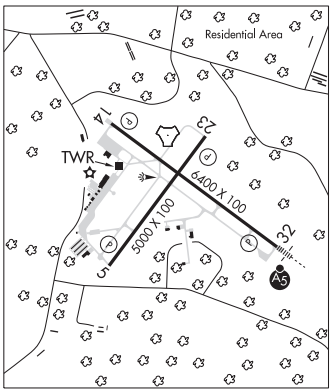
COMM/NAV/WEATHER REMARKS: UNICOM unmon.

ST MARY'S CO RGNL (See LEONARDTOWN on page 108)

SALISBURY

BENNETT (1N5) 4 NW UTC–5(–4DT) N38°24.77′ W75°37.02′ **WASHINGTON**
46 B NOTAM FILE DCA
RWY 17–35: 3171X95 (TURF) LIRL
RWY 17: APAP(PNIL)—GA 4.0° TCH 23′. Thld dsplcd 240′. Trees.
RWY 35: APAP(PNIL)—GA 5.0°. Thld dsplcd 941′. Trees.
RWY 08–26: 2302X95 (TURF)
RWY 08: Thld dsplcd 800′. Road.
RWY 26: Thld dsplcd 300′. Trees.
SERVICE: **LGT** Dusk–0400Z‡. ACTVT LIRL Rwy 17–35 and bcn—CTAF.
AIRPORT REMARKS: Attended dawn–dusk. Ultralight act on and invof arpt. Birds and wildlife on and invof arpt. +375 ft lgtd ant 3200 ft L of Rwy 35 thr on L downwind. Driveway xng at apch end Rwy 17 and Rwy 26. Rwy 08 and Rwy 26 dthr mkd with 3 orange cones. Rwy 17 and Rwy 35 thr and dthr mkd with lgts and cones. Rwy 17–35 +60 ft trees mid–point both sides of rwy. +70′ trees mid–point both sides rwy 17–35.
AIRPORT MANAGER: (443) 880-7428
COMMUNICATIONS: **CTAF/UNICOM** 122.8
Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other times ctc
Ⓡ **POTOMAC APP/DEP CON** 127.2
CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

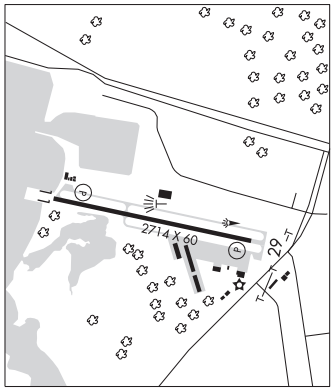
SALISBURY–OCEAN CITY WICOMICO RGNL (SBY)(KSBY) 4 SE UTC–5(–4DT) N38°20.41′ **WASHINGTON**
W75°30.57′ **H–10I, 12I, L–34F, 36I, A**
53 B Class I, ARFF Index B NOTAM FILE SBY **IAP, AD**
RWY 14–32: H6400X100 (ASPH–CONC–GRVD) S–76, D–126, 2S–146, 2D–423, 2D/2D2–749 PCR 400 F/D/X/T HIRL
RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 45′.
RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 54′.
RWY 05–23: H5000X100 (ASPH–GRVD) S–56, D–76, 2S–83, 2D–142 PCR 130 F/C/X/T MIRL
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Tree.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
RWY 14: TORA–6400 TODA–6400 ASDA–6400 LDA–6400
RWY 23: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
RWY 32: TORA–6400 TODA–6400 ASDA–6400 LDA–6400
SERVICE: S4 **FUEL** 100LL, JET A **LGT** When ATCT clsd ACTVT MALSR Rwy 32; REIL Rwy 05, 14, and 23; MIRL Rwy 05–23; HIRL Rwy 14–32; Twy lgts—CTAF. PAPI Rwy 05, 14, 23, and 32 opr consly.
AIRPORT REMARKS: Attended 0930–0530Z‡. Mil trng act, deer and birds on and invof arpt. FBO hrs 1200–0000Z‡. For services after hrs call 410–749–0323. 24 hr PPR rqr for unsked ACR ops ctc amgr. Twy G south 950 ft clsd to acft wingspan more than 49 ft. Rwy 05 nonstd reflective ldg zone mkr panels adj to the rwy. Rwy 23 nonstd reflective ldg zone mkr panels adj to the rwy.



AIRPORT MANAGER: 410-548-4827
WEATHER DATA SOURCES: **ASOS** 118.325 (410) 341–0868.
COMMUNICATIONS: **CTAF** 119.425 **UNICOM** 122.95
Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other times ctc
Ⓡ **POTOMAC APP/DEP CON** 127.2
TOWER 119.425 (1100–0330Z‡) **GND CON** 123.775 **CLNC DEL** 123.775 (1100–0330Z‡) 132.45 (when SBY twr clsd)
CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.
AIRSPACE: **CLASS D** svc 1100–0330Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.
(L) TACAN Chan 49 SBY (111.2) N38°20.70′ W75°30.63′ at fld. 48/12W.
TACAN AZIMUTH unusable:
009°–055° byd 20 NM
261°–285° blo 6,000′
294°–007° blo 5,000′
DME unusable:
009°–055° byd 20 NM
261°–285° blo 6,000′
294°–007° blo 5,000′
ILS 108.7 I–SBY Rwy 32. Class IA.

STEVENSVILLE

BAY BRIDGE (W29) 1 W UTC–5(–4DT) N38°58.59′ W76°19.80′ **WASHINGTON**
15 B TPA—1215(1200) NOTAM FILE W29 **COPTER**
RWY 11–29: H2714X60 (ASPH) MIRL 0.3% up E **L–29E, 34F, 36I, A**
RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 30′. **IAP**
RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 30′. Trees.
SERVICE: S4 **FUEL** 100LL **LGT** Dusk–Dawn; ACTVT REIL Rwy 11 and 29; MIRL Rwy 11–29—CTAF. PAPI Rwy 11 and 29 oprs consly. Rwy 11 PAPI unusable byd 5 degs left of cntrln. PAPIs baffled.
NOISE: Noise abatement proc in effect–AMGR. Noise sensitive residential area S of arpt; enter downwind for Rwy 29 over water twr S of fld.
AIRPORT REMARKS: Attended Mon–Sat 1230–2130Z‡, Sun and Fed Hols unattnd. Wildlife on and invof arpt. Self serve fuel avbl H24 with credit card. TGL ops NA. Alert heli 8 NM east of arpt. Rotor craft: Use rgt tfc pat for Rwy 29. At all other times, use left tfc pat. Prkg fee.
AIRPORT MANAGER: 410-643-4364
WEATHER DATA SOURCES: AWOS–3PT 120.575 (410) 643–8795.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **POTOMAC APP/DEP CON** 133.75
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.
RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.
BALTIMORE (L) (L) VORTACW 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 138° 19.4 NM to fld. 150/11W.
DME unusable:
133°–155° byd 20 NM blo 10,000′
133°–155° byd 36 NM
300°–349° byd 35 NM
VOR unusable:
133°–155° byd 20 NM blo 10,000′
197°–217° byd 17 NM
260°–281° byd 15 NM
282°–292°
TACAN AZIMUTH unusable:
029°–042° byd 30 NM
133°–155° byd 20 NM blo 10,000′
180°–190° byd 17 NM
300°–349° byd 35 NM



KENTMORR AIRPARK (3W3) 5 SW UTC–5(–4DT) N38°55.09′ W76°21.53′ **WASHINGTON**
10 TPA—1000(990) NOTAM FILE DCA
RWY 10–28: 2400X75 (TURF)
RWY 10: Thld dsplcd 200′. Trees.
RWY 28: Thld dsplcd 150′. Trees.
NOISE: Preferred calm or crosswind Rwy 28, for noise abatement. Preferred 90° crosswind Rwy 28, for noise abatement.
AIRPORT REMARKS: Unattended. Numerous birds, deer, other wildlife on and invof arpt. No ngt ops. Unlimited vehicle access to acft movement areas. Rwy 10–28 may be soft and wet. Rwy 10–28 dsplcd thrs mkd with orange cones. Helicopters requested to use standard tfc pattern. Taxi and park on north side of rwy.
AIRPORT MANAGER: 301-456-0566
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

WESTMINSTER

CARROLL CO RGNL/JACK B POAGE FLD (DMW)(KDMW) 3 N UTC–5(–4DT) N39°36.50´ W77°00.46´ **WASHINGTON H–10H, 12I, L–29E, 34F, A IAP**

789 B TPA—See Remarks NOTAM FILE DMW

RWY 16–34: H5100X100 (ASPH–GRVD) S–22, D–50 MIRL 0.3% up NW

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 45´. Trees.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 40´. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTVT REIL Rwys 16 & 34; MIRL Rwy 16–34, twy lgts—CTAF.PAPI Rwy 16 unusbl byd 5 deg R of cntrln.

AIRPORT REMARKS: Attended 1200–0100Z‡. Arpt unattended Christmas. Wildlife on and invof arpt. Fuel self–serve 100LL avbl with credit card. TPA—Fixed wing 1599(810), turbo prop and jet 2099(1310). Rwy 16–34 distance markers every 1000 ft west side of rwy.

AIRPORT MANAGER: 410-876-9885

WEATHER DATA SOURCES: AWOS–3 121.25 (410) 876–1281.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **POTOMAC APP/DEP CON** 125.525

CLEARANCE DELIVERY PHONE: GCO avbl on freq 121.725. If una, for CD ctc Potomac Apch at 866-429-5882.

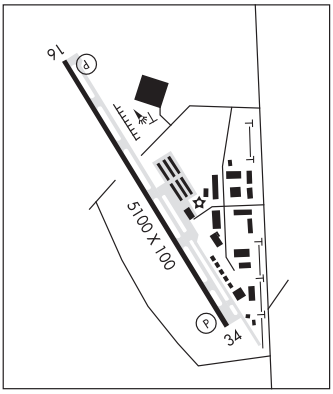
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (VH) (H) VORTACW 117.9 EMI Chan 126 N39°29.70´ W76°58.71´ 357° 6.9 NM to fld. 820/8W.

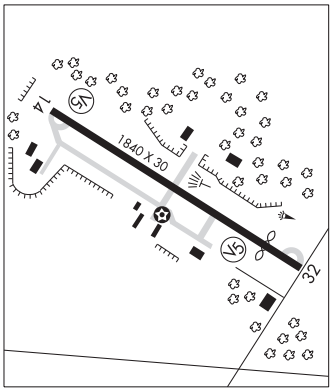
VOR unusable:
- 009°–056° byd 40 NM
- 128°–161° byd 20 NM blo 6,500´
- 221°–231° blo 4,500´
- 221°–231° byd 13 NM blo 16,000´
- 241°–251°
- 271°–286°
- 286°–294° byd 40 NM
- 295°–334° blo 5,500´

TACAN AZIMUTH unusable:
- 030°–055°
- 241°–251°
- 281°–030° byd 35 NM blo 3,000´

DME unusable:
- 030°–055°
- 241°–251°
- 281°–030° byd 35 NM blo 3,000´



CLEARVIEW AIRPARK (2W2) 7 S UTC–5(–4DT) N39º28.02´ W77º01.05´ **WASHINGTON COPTER**
799 B NOTAM FILE DCA **L–29E, 34F, 36J, A**
RWY 14–32: H1840X30 (ASPH) LIRL(NSTD) 2.1% up SE **IAP**
RWY 14: APAP(PNIL)—GA 4.0º TCH 20´. Trees.
RWY 32: APAP(PNIL)—GA 7.0º TCH 34´. Thld dsplcd 277´. Trees.
SERVICE: **FUEL** 100LL **LGT** Rwy 14–32 LIRL NSTD lgts 20 ft fm rwy edge. ACTVT LIRL Rwy 14–32 and rotg bcn—CTAF.
AIRPORT REMARKS: Attended 1400–2200Z‡. Arpt unatndd Thanksgiving, Christmas, and New Years Day. Unl vehicle aces to acft movement areas. 60´ drop off 125´ from AER 14. Utralight act on and invof arpt.
AIRPORT MANAGER: 410-984-2434
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **POTOMAC APP/DEP CON** 125.525
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
WESTMINSTER (VH) (H) VORTACW 117.9 EMI Chan 126
N39º29.70´ W76º58.71´ 235º 2.5 NM to fld. 820/8W.
VOR unusable:
009º–056º byd 40 NM
128º–161º byd 20 NM blo 6,500´
221º–231º blo 4,500´
221º–231º byd 13 NM blo 16,000´
241º–251º
271º–286º
286º–294º byd 40 NM
295º–334º blo 5,500´
TACAN AZIMUTH unusable:
030º–055º
241º–251º
281º–030º byd 35 NM blo 3,000´
DME unusable:
030º–055º
241º–251º
281º–030º byd 35 NM blo 3,000´



WESTMINSTER N39º29.70´ W76º58.71´ NOTAM FILE DCA. **WASHINGTON COPTER**
(VH) (H) VORTACW 117.9 EMI Chan 126 235º 2.5 NM to Clearview Airpark. 820/8W. **H–10H, 12I, L–29E, 34F, 36J, A**
VOR unusable:
009º–056º byd 40 NM
128º–161º byd 20 NM blo 6,500´
221º–231º blo 4,500´
221º–231º byd 13 NM blo 16,000´
241º–251º
271º–286º
286º–294º byd 40 NM
295º–334º blo 5,500´
TACAN AZIMUTH unusable:
030º–055º
241º–251º
281º–030º byd 35 NM blo 3,000´
DME unusable:
030º–055º
241º–251º
281º–030º byd 35 NM blo 3,000´

BEDFORD

LAURENCE G HANSCOM FLD (BED)(KBED) P (AF) 0 NE UTC–5(–4DT) N42°28.20´ W71°17.34´ **NEW YORK COPTER**
132 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE BED **H–11D, 12K, L–33D, 34J IAP, AD**

RWY 11–29: H7011X150 (ASPH–GRVD) S–120, D–250, 2S–127, 2D–389, 2D/2D2–916 PCR 950 F/D/W/T HIRL
RWY 11: MALSR. PAPI(P4L)—GA 3.0° TCH 67´. RVR–T Hill.
RWY 29: MALSR. PAPI(P4R)—GA 3.0° TCH 52´. RVR–R

RWY 05–23: H5107X150 (ASPH–GRVD) S–120, D–248, 2S–149, 2D–323, 2D/2D2–823 PCR 770 F/D/W/T MIRL
RWY 05: REIL. PAPI(P4L)—GA 3.5° TCH 55´.
RWY 23: REIL. PAPI(P4R)—GA 3.2° TCH 55´.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 05	11–29	3000
RWY 11	05–23	2650
RWY 29	05–23	3662

RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–5107 TODA–5107 ASDA–5107 LDA–5107
RWY 11: TORA–7011 TODA–7011 ASDA–7011 LDA–7011
RWY 23: TORA–5107 TODA–5107 ASDA–5107 LDA–5107
RWY 29: TORA–7011 TODA–7011 ASDA–7011 LDA–7011

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** ACTVT MALSR Rwy 11 and 29; REIL Rwy 05 and 23; HIRL Rwy 11–29; MIRL Rwy 05–23; twy lgts—118.5. **MILITARY— JASU** 3(A/M32A–86) 2(MA–1A) **FUEL** 100LL, A **TRAN ALERT** Opr 1200–0400Z‡ wkd; 1400–2200Z‡ Sun; PPR OT and hol DSN 845–5589/5592. De–icing avbl fr vendor. Ltd hgr space and extremely ltd maint. Fleet svc avbl fr vendor. Mil acft must arng for prkg on east ramp with tran alert or vendor.

NOISE: Noise abatement procs in effect, helicopters opr within controlled airspace are rqrd to maintain highest possible alt. Voluntary noise abatement procs in efct ctc amgr 671–212–6592. Noise sensitive historic area S of arpt; for Rwy 23 dep cont rwy hdg to 1000 ft AGL, turning crosswind ovr Rte 2.

AIRPORT REMARKS: Attended continuously. Birds and wildlife on and invof arpt. PPR for all acft carrying explosives call 617–212–6592. APU–GPU ops ltd to max of 30 mins. No PLAs/TGLs for acft 12,500 lbs and over. No PLAs/TGLs for acft under 12,500 lbs 0400–1200Z‡. Be alert for small acft parked on ramps. Rwy 29 right tfc acft over 12,500 lbs. TPA—1132(1000) fixed wing, 1632(1500) turbojet, 1932(1800) heavy jet acft. Clsd to Part 121 ACR ops with over 60 seats excp 24 hr PPR call 781–869–8000. Twy C, F, J, N, R, S, T, Twy M south of Twy E & Twy G btn Rwy 11–29 & Rwy 05–23 clsd to acft gtr than 118 ft wingspan. Twy R clsd to ACR ops–GA use only. Twy R1, R2 clsd to acft gtr than 49 ft wingspan. Surcharge for each ldg and dep 0400–1200Z‡. SAID in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Coml and tsnt ldg fee. Flight Notification Service (ADCUS) avbl. User fee arpt. NOTE: See Special Notices—Arrival Alert.

AIRPORT MANAGER: 617-212-6592

WEATHER DATA SOURCES: ASOS 124.6 (781) 372–5512. LAWRS.

COMMUNICATIONS: CTAF 118.5 **ATIS** 124.6 (781) 372–5509 **UNICOM** 122.95
Ⓡ **BOSTON APP/DEP CON** 124.4
HANSCOM TOWER 118.5 (1200–0400Z‡) **GND CON** 121.7 **CLNC DEL** 121.85

AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS G.

VOR TEST FACILITY (VOT) 110.0

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RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.

BOSTON (VH) (DH) VORW/DME 112.7 BOS Chan 74 N42°21.45′ W70°59.37′ 313° 14.9 NM to fld. 18/16W.

VOR unusable:
043°–053° byd 40 NM blo 5,000′
043°–053° byd 74 NM
055°–065° byd 40 NM blo 5,000′
055°–065° byd 47 NM
061°–104° byd 18 NM blo 2,000′
070°–108° byd 40 NM
109°–119° byd 40 NM blo 6,000′
109°–119° byd 58 NM
120°–148° byd 40 NM
149°–167° byd 40 NM blo 2,100′
149°–167° byd 83 NM
168°–177° byd 40 NM
178°–188° byd 40 NM blo 11,000′
178°–188° byd 50 NM
204°–262° byd 40 NM
263°–273° byd 40 NM blo 4,000′
263°–273° byd 54 NM
271°–060° byd 25 NM blo 3,500′
274°–337° byd 40 NM
350°–042° byd 40 NM

DME unusable:
061°–104° byd 18 NM blo 2,000′
271°–060° byd 25 NM blo 3,500′

LAWRENCE (L) DME 112.5 LWM Chan 72 N42°44.43′ W71°05.69′ 208° 18.4 NM to fld. 306. NOTAM FILE LWM.

DME unusable:
160°–195° byd 23 NM blo 2,500′

ILS/DME 111.15 I–BED Chan 48(Y) Rwy 11. Class IA. Unmonitored when ATCT clsd.

ILS/DME 111.15 I–ULJ Chan 48(Y) Rwy 29. Class IA. Unmonitored when ATCT clsd.

BERKLEY

MYRICKS (1M8) 3 SE UTC–5(–4DT) N41°50.34′ W71°01.59′ **NEW YORK**
73 NOTAM FILE BDR

RWY 09–27: 2466X50 (TURF) 0.3% up NE

RWY 09: Tree.

RWY 27: Trees.

SERVICE: S2 **FUEL** 100LL

AIRPORT REMARKS: Attended dalgt hrs. Wildlife on and invof arpt. Aerial banner pickup and drop opns on and invof arpt.

AIRPORT MANAGER: 508-822-2457

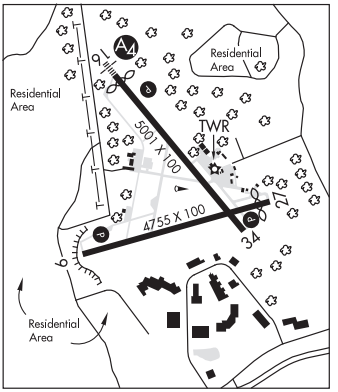
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.

BEVERLY RGNL (BVY)(KBVY) 3 NW UTC–5(–4DT) N42°35.05′ W70°54.97′
107 B LRA NOTAM FILE BVY
RWY 16–34: H5001X100 (ASPH–GRVD) S–30, D–55, 2D–103
PCR 200 F/B/X/T MIRL 0.5% up NW
RWY 16: MALS. PAPI(P4L)—GA 3.5° TCH 41′. Thld dsplcd 240′. Trees.
RWY 34: REIL.
RWY 09–27: H4755X100 (ASPH–GRVD) S–30, D–114, 2S–145, 2D–180 PCR 200 F/B/X/T MIRL 0.4% up E
RWY 09: PAPI(P4L)—GA 3.0° TCH 43′. Tree.
RWY 27: PAPI(P4L)—GA 3.22° TCH 46′. Thld dsplcd 250′. Trees.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 09	16–34	3450
RWY 16	09–27	4000



SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 3, 4 **LGT** Rwy 16 nstd MALS–800 ft. When twr clsd ACTVT MALS Rwy 16; REIL Rwy 34; PAPI Rwy 16, 09 and 27; MIRL Rwy 09–27 and Rwy 16–34—CTAF.
NOISE: Noise sensitive arpt. Voluntary compliance req of all acft exceeding 75 db to not land/depart arpt 0400–1200Z‡. Noise abatement procedures in effect ctc arpt manager 978–921–6072. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum noise. Noise sensitive area off the DER 27 to the W, SW, & S and off the DER 34 to the NW.
AIRPORT REMARKS: Attended 1330–2130Z‡. Birds frequently on or invof arpt, occasional deer or coyote on rwy. Fld cond not mnt 0200–1200Z‡ 15 May–31 Oct; 0100–1200Z‡ 01 Nov–14 May. Fuel svc 1030–2330Z‡, after hrs req only call 978–774–2070. Fuel, parking ctc FBO 129.725 or 978–774–2070. No ultralight or banner towing allowed. Rwy 16 is the preferred calm wind rwy. Rwy 16–34: due to hump at midpt, opposite ends of the rwy not vsb at gnd level. No tiedown ropes on public tsnt prkg. E ramp tsnt spaces: space nrs 15, 16 & 17 only. Ldg fees for transient acft. Overnight parking fee. Flight Notification Service (ADCUS) available.
AIRPORT MANAGER: 978-921-6072
WEATHER DATA SOURCES: ASOS 119.2 (978) 921–5042. LAWRS.
COMMUNICATIONS: CTAF 125.2 **ATIS** 119.2 **UNICOM** 122.95
Ⓡ **BOSTON APP/DEP CON** 124.4
TOWER 125.2 (1200–0200Z‡ 15 May–31 Oct; 1200–0100Z‡ 01 Nov–14 May) **GND CON** 121.6
AIRSPACE: CLASS D svc 1200–0200Z‡ 15 May– 31 Oct, 1200–0100Z‡ 01 Nov– 14 May; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.
LAWRENCE (L) DME 112.5 LWM Chan 72 N42°44.43′ W71°05.69′ 140° 12.3 NM to fld. 306.
DME unusable:
160°–195° byd 23 NM blo 2,500′
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr. When twr not opn, close flight plan with Boston apch—121.6.

BOMDE N41°43.93′ W70°26.48′ NOTAM FILE FMH.
NDB (LOM) 362 FM 235° 5.7 NM to Cape Cod Coast Guard Air Station.

BOSTON

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)(KBOS) 1 E UTC–5(–4DT) **NEW YORK**
N42º21.78´ W71º00.38´ **COPTER**
19 B LRA Class I, ARFF Index E NOTAM FILE BOS **H–10J, 11D, 12K, L–33D, 34J**
RWY 15R–33L: H10083X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–550 **IAP, AD**
PCR 800 F/C/X/T HIRL CL
RWY 15R: MALSR. TDZL. PAPI(P4L)—GA 3.0º TCH 71´. RVR–TMR Thld dsplcd 882´. Trees.
RWY 33L: ALSF2. TDZL. PAPI(P4R)—GA 3.0º TCH 68´. RVR–TMR Boat.
RWY 04R–22L: H10006X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–550 PCR 830 F/C/X/T HIRL CL
RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 3.0º TCH 67´. RVR–TMR Thld dsplcd 1155´. Boat.
RWY 22L: MALSF. PAPI(P4R)—GA 3.0º TCH 71´. RVR–TMR Thld dsplcd 1199´. Boat.
RWY 04L–22R: H7864X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–550 PCR 800 F/C/X/T HIRL CL
RWY 04L: REIL. PAPI(P4L)—GA 3.1º TCH 51´. RVR–TR Boat.
RWY 22R: PAPI(P4L)—GA 3.0º TCH 50´. RVR–TR Thld dsplcd 819´. Boat.
RWY 09–27: H7001X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–550 PCR 810 F/C/X/T HIRL CL
RWY 09: RVR–TR Boat.
RWY 27: REIL. PAPI(P4L)—GA 3.0º TCH 71´. RVR–TR Boat.
RWY 14–32: H5000X100 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–490 PCR 780 F/C/X/T HIRL
RWY 14: Bldg.
RWY 32: REIL. PAPI(P4L)—GA 3.0º TCH 45´.
RWY 15L–33R: H2557X100 (ASPH) S–120, D–250, 2S–175, 2D–550 PCR 850 F/C/X/T MIRL
RWY 33R: PAPI(P4R)—GA 3.0º TCH 40´.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 04L	15L–33R	5250
RWY 15R	09–27	6800
RWY 22L	09–27	6400
RWY 27	04R–22L	5650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L:	TORA–7864	TODA–7864	ASDA–7864	LDA–7864
RWY 04R:	TORA–10006	TODA–10006	ASDA–10006	LDA–8851
RWY 09:	TORA–7001	TODA–7001	ASDA–7001	LDA–7001
RWY 14:	TORA–5000	TODA–5000	ASDA–5000	
RWY 15L:	TORA–2557	TODA–2557	ASDA–2557	LDA–2557
RWY 15R:	TORA–10083	TODA–10083	ASDA–10083	LDA–9202
RWY 22L:	TORA–10006	TODA–10006	ASDA–10006	LDA–8806
RWY 22R:	TORA–7864	TODA–7864	ASDA–7864	LDA–7046
RWY 27:	TORA–7001	TODA–7001	ASDA–7001	LDA–7001
RWY 32:				LDA–5000
RWY 33L:	TORA–10083	TODA–10083	ASDA–10083	LDA–10083
RWY 33R:	TORA–2557	TODA–2557	ASDA–2557	LDA–2557

ARRESTING GEAR/SYSTEM
RWY 04L: EMAS
RWY 15R: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Rwy status lights in operation. Rwy 22L VGSI unusable byd 7 degs left of centerline.

NOISE: For Noise Abatement, Rwy 15R is preferred for tkof, Rwy 33L is preferred for ldg. For more info on Noise Abatement procs call 617–561–3333. The use of the RNAV SIDS at Boston Logan are critical to rdcg noise and achieving our fly quiet goals. Massport and the FAA encourage pilots to use the publd RNAV flight procs at Boston Logan arpt whenever poss. All acft that have reqd alts abv 10,000 ft should be filing RNAV SIDS with FAA ATC. Ctc Massport´s Noise Abatement Ofc at 617–561–3333 with any qns.

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Numerous cranes on and invof arpt. Rwy 14–32 undirectional, no ldgs Rwy 14, no tkfs Rwy 32. International ramp arrivals must obtain a gate assignment from international ramp control before entering ramp area. No remaining overnight parking for non–tenant charter acft without prior Massport permission. Terminal E, North and South Cargo arrivals ctc Massport Gate Control on 131.1 before entering/departing ramp area. Pilots should complete all calculations prior to pushback from gate. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fee. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 617-567-5400

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CONTINUED FROM PRECEDING PAGE

WEATHER DATA SOURCES: ASOS 135.0 (339) 746–6855. TDWR.
COMMUNICATIONS: D–ATIS APP 135.0 **D–ATIS DEP** 135.0 (617) 455–3003 **UNICOM** 122.95
Ⓡ **BOSTON APP/DEP CON** 127.2 (South) 120.6 (West) 118.25 (North)
Ⓡ **BOSTON DEP CON** 133.0
BOSTON TOWER 128.8 (West) 132.225 (East) 124.725 (Helicopters)
GND CON 121.9 121.75 **CLNC DEL** 121.65
PRE TAXI CLNC 121.65 **RAMP CTL** 134.05
CPDLC (LOGON KUSA)
PDC
AIRSPACE: CLASS B See VFR Terminal Area Chart.
VOR TEST FACILITY (VOT) 111.0
RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.
BOSTON (VH) (DH) VORW/DME 112.7 BOS Chan 74 N42°21.45′ W70°59.37′ at fld. 18/16W.
VOR unusable:
043°–053° byd 40 NM blo 5,000′
043°–053° byd 74 NM
055°–065° byd 40 NM blo 5,000′
055°–065° byd 47 NM
061°–104° byd 18 NM blo 2,000′
070°–108° byd 40 NM
109°–119° byd 40 NM blo 6,000′
109°–119° byd 58 NM
120°–148° byd 40 NM
149°–167° byd 40 NM blo 2,100′
149°–167° byd 83 NM
168°–177° byd 40 NM
178°–188° byd 40 NM blo 11,000′
178°–188° byd 50 NM
204°–262° byd 40 NM
263°–273° byd 40 NM blo 4,000′
263°–273° byd 54 NM
271°–060° byd 25 NM blo 3,500′
274°–337° byd 40 NM
350°–042° byd 40 NM
DME unusable:
061°–104° byd 18 NM blo 2,000′
271°–060° byd 25 NM blo 3,500′
ILS/DME 110.3 I–BOS Chan 40 Rwy 04R. Class IIIE.
ILS/DME 110.7 I–MDC Chan 44 Rwy 15R. Class IC. Localizer offset angle 001° 35 min.
ILS/DME 110.3 I–LQN Chan 40 Rwy 22L. Class IT. Note *DME also serves Rwy 04R.
ILS/DME 111.3 I–DGU Chan 50 Rwy 27. Class IE.
ILS/DME 110.7 I–LIP Chan 44 Rwy 33L. Class IIIE. LOC unsbl byd 33° left side of course.
COMM/NAV/WEATHER REMARKS: DME Channel 40 located 2171′ from stop end Rwy 04R and 260′ left of centerline is common to Rwy 22L.

CAPE COD (See MARSTON MILLS on page 129)

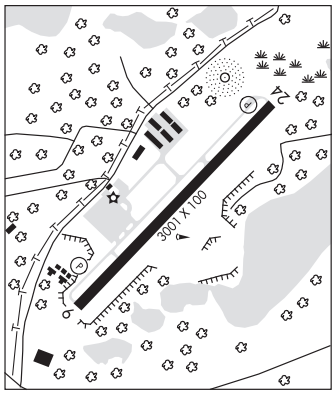
CAPE COD COAST GUARD AIR STATION (FMH)(KFMH) CG UTC–5(–4DT) N41°39.55′ W70°31.37′ 130 B TPA—1100(970) NOTAM FILE FMH Not insp.

NEW YORK
H–10J, 11D, 12K, L–33D
IAP, DIAP, AD

RWY 14–32: H9501X150 (ASPH–CONC) PCN 26 F/A/W/T HIRL
RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 47′. RVR–R
RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 50′. RVR–T
RWY 05–23: H8000X150 (ASPH–CONC) PCN 33 F/A/W/T HIRL
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 51′. RVR–R
RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 53′. RVR–T
SERVICE: **FUEL** J5 **OX** 2 **LGT** Apt bcn partially obscured N thru all alts.
NOISE: Offl bus 0300–1200Z‡.
MILITARY REMARKS: Attended continuously. See FLIP AP/1 Supplementary Arpt Information. TGL ops for acft ovr 200000 lbs prohibited. **RSTD** ANG ramp unusbl. No PPR for mil/law enforcement/ med flt. Ctc aprt mgmt C508–986–6674 24 hr prior if prkg/RON (excldg active MEDEVAC). No civ ldg wo PPR fm arpt mgmt. No tsnt svc incl fuel. **CAUTION** Extsv bird act all quads. Ck ATIS for UAS act in Class D asp. Non–std obst lgtd 368′ twrs 4 nm NNE of arpt. **TFC PAT** Rotary Wing 970′ AGL, Fixed Wing Conventional 1470′ AGL, jet overhead 1970′ AGL. **MISC** First 350′ Rwy 05 conc, remaining 7650′ asph. First 2800′ Rwy 14 and first 500′ Rwy 32 conc, mid portion asph. Rwy 14–32 and Rwy 05–23 have 25′ shoulders. PPR rqrd if ACN exceeds publd PCN. Ctc aprt mgmt C508–968–6674/6673 for apvl. **ARNG** PPR for ARNG ramp, ltd fuel avbl: ctc ops C339–202–9533. Opr 1200–2200Z‡ Mon–Fri, ltd svc avbl Sat–Sun with prior coordn. Ctc BOSOX Ops 10 min prior to arr on 341.675, 138.5, 46.85. Flt briefing rqrd prior to ops in R–4101. Ctc OSA F/W det C339–202–9629/9533 to coord JOSAC pax arr/dep. **USCG** PPR rqrd for USCG ramp, ltd svc avbl with prior coordn C508–968–6360/6361, DSN 557–6360/6361 or C800–673–1056. Arr acft ctc USCG ops (Cape Air) 345.0, 122.975 or 164.55 15 min prior to arr.
AIRPORT MANAGER: 508-968-6674
WEATHER DATA SOURCES: ASOS (508) 968–6562 AN/FMQ–23 owned by Coast Guard.
COMMUNICATIONS: ATIS 120.475 236.825 (508) 968–6563
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2
COAST GUARD TOWER 128.425 291.1 **GND CON** 124.15 275.8
ARNG 46.85 138.5 341.675
CG CAPE COD AIR 122.975 164.55 (VHF–FM) 345.0 (Opr Mon–Fri 1230–2100Z‡ exc hol)
AIRSPACE: CLASS D.
RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.
MARTHAS VINEYARD (L) (L) VORW/DME 114.5 MVY Chan 92 N41°23.77′ W70°36.76′ 029° 16.3 NM to fld. 62/15W.
BOMDE NDB (LOM) 362 FM N41°43.93′ W70°26.48′ 235° 5.7 NM to fld.
ILS/DME 109.55 I–FMH Chan 32(Y) Rwy 23. Class ID. LOM BOMDE NDB.
ILS/DME 110.75 I–BNX Chan 44(Y) Rwy 32. Class IE.

CAPE COD GATEWAY (See HYANNIS on page 126)

CHATHAM MUNI (CQX)(KCQX) 2 NW UTC–5(–4DT) N41°41.30′ W69°59.38′ **NEW YORK**
64 B NOTAM FILE CQX **L–33D**
RWY 06–24: H3001X100 (ASPH) S–30 MIRL 0.5% up NE **IAP**
RWY 06: REIL. PAPI(P2L)—GA 3.5° TCH 39′. Trees.
RWY 24: REIL. PAPI(P2R)—GA 3.5° TCH 39′. Tank.
SERVICE: S3 **FUEL** 100LL, JET A, A+ **LGT** ACTVT MIRL Rwy 06–24—122.95.
NOISE: Noise abatement Rwy 06–24: Use full rwy and avoid intersection departures. Minimize or avoid touch and go ldg opns. Climb out on rwy heading until 1100 ft over water then proceed on course. Reduce power as soon as practical. Rwy 06–24, fly pattern downwind leg 1/2 to 1 mile out from rwy as practicable.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Birds, primarily gulls and wildlife on or invof arpt. Be aware of hi–speed mil jet and heavy helicopter tfc invof Cape Cod CGAS. Check NOTAMs for tree obs on apch areas to Rwys 06 and 24. Avoid residential areas as much as possible. Recommended minimum alt 2000′ AGL from northeast to southeast of arpt over national seashore. Water ldg area clsd perm.
AIRPORT MANAGER: 508-945-9000
WEATHER DATA SOURCES: ASOS 135.875 (508) 945–5034.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2 **CLNC DEL** 127.3
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MARCONI (VH) (DH) VORW/DME 114.7 LFV Chan 94 N42°01.03′ W70°02.23′ 190° 19.8 NM to fld. 151/16W.
VOR unusable:
245°–250° byd 40 NM
NAUSET NDB (MHW) 279 CQX N41°41.52′ W69°59.26′ at fld. 56/16W. NOTAM FILE CQX.
Unusable:
275°–295° byd 15 NM
Blw 2,000′



CHESTER N42°17.48′ W72°56.96′ NOTAM FILE BTV. **NEW YORK**
(L) (L) VORW/DME 115.1 CTR Chan 98 311° 17.2 NM to Pittsfield Muni. 1600/13W. **H–10I, 11D, L–33C, 34J**
VOR unusable:
248°–274°

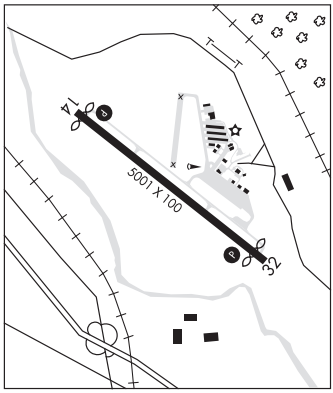
CRANLAND (See HANSON on page 125)

EDGARTOWN

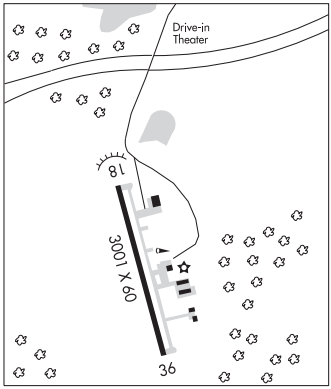
KATAMA AIRPARK (1B2) 2 S UTC–5(–4DT) N41°21.51′ W70°31.47′ **NEW YORK**
18 NOTAM FILE BDR
RWY 03–21: 3700X50 (TURF)
RWY 03: Thld dsplcd 245′. Road.
RWY 21: Thld dsplcd 300′. Pole.
RWY 06–24: 2700X50 (TURF)
RWY 06: Thld dsplcd 300′. Road.
RWY 24: Road.
RWY 17–35: 2600X50 (TURF)
RWY 17: Thld dsplcd 200′. Bldg.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Attended May 15–Oct 15 SR–SS. Wildlife on and invof arpt. Be aware of hi–speed mil jet and heavy helicopter tfc vicinity Cape Cod CGAS. Rwy 03–21, Rwy 06–24, and Rwy 17–35 dsplcd thlds marked with flush white paving blocks.
AIRPORT MANAGER: (508) 627-0421
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 119.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

FALMOUTH AIRPARK (5B6) 4 NE UTC–5(–4DT) N41°35.14′ W70°32.42′ **NEW YORK**
41 B NOTAM FILE BDR **L–33D**
RWY 07–25: H2298X40 (ASPH) S–4 LIRL **IAP, AD**
RWY 07: Trees. Rgt tfc.
RWY 25: Trees.
SERVICE: **FUEL** 100LL, UL94 **LGT** ACTVT LIRL Rwy 07–25—122.7. Rwy 07–25 non–std LIRL rwy lgts. Lgts offset 40′ N of rwy. ACTVT rwy lgts with 5 clicks on Freq 122.7.
AIRPORT REMARKS: Attended 1300–2100Z‡. Wildlife invof arpt. Watch for pedestrians or animals invof rwy. Self svc 100LL and UL94 avbl with credit card. Turf around Rwy 07–25 soft aft rain. Be aware of hi–speed mil jet and heavy helicopter tfc invof of Cape Cod CGAS. Airport clsd to acft exceeding 5000 lbs publd max GWT. Non–std yellow chevrons at apch end. Tie downs avbl in fuel shed. Tsnt ops daytime only. No ngt tsnt tkofs or lndgs. No tsnt student acts, solo or dual at 5B6. Full stops only. TGL ops prohibited. Lndg fee arpt. Ldg fee for coml ops. Fee for ovngt prkg.
AIRPORT MANAGER: 508-548-9617
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.
RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.
MARTHAS VINEYARD (L) (L) VORW/DME 114.5 MVY Chan 92 N41°23.77′ W70°36.76′ 031° 11.8 NM to fld. 62/15W.

FITCHBURG MUNI (FIT)(KFIT) 3 SE UTC–5(–4DT) N42°33.23′ W71°45.55′ **NEW YORK**
345 B TPA—1347(1002) NOTAM FILE FIT **H–11D, 12K, L–33C, 34J**
RWY 14–32: H5001X100 (ASPH–GRVD) S–30, D–41 MIRL **IAP**
0.3% up NW
RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Thld dsplcd 163′. Trees.
RWY 32: REIL. PAPI(P4L)—GA 3.5° TCH 46′. Thld dsplcd 300′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 14: TORA–5001 TODA–5001 ASDA–4701 LDA–4538
RWY 32: TORA–5001 TODA–5001 ASDA–4838 LDA–4538
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 14 and 32; PAPI Rwy 14 and 32; MIRL Rwy 14–32—123.0. Rotg bcn not avbl during dalgt IFR conds. Rwy 14 PAPI unusbl byd 5 degs L and R of cntrln.
NOISE: Noise Sensitive Area: Dep acft climb to TPA bfr turning crosswind.
AIRPORT REMARKS: Attended 1300–2200Z‡. Wildlife on and invof arpt. Cold temperature airport. Altitude correction required at or below –21C. Lndg fee: ctc ofc–calculated by tkof GWT.
AIRPORT MANAGER: 978-345-9580
WEATHER DATA SOURCES: ASOS 135.175 (978) 343–9121.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **BOSTON APP/DEP CON** 124.4
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (VL) (L) VORW/DME 116.95 GDM Chan 116(Y) N42°32.76′ W72°03.49′ 102° 13.3 NM to fld. 1280/14W.



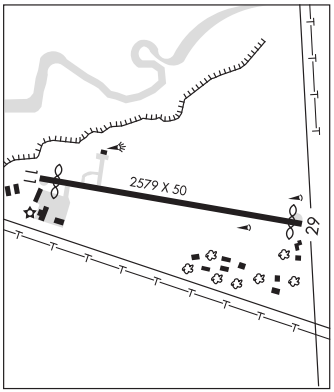
GARDNER MUNI (GDM)(KGDM) 2 SW UTC–5(–4DT) N42°32.99′ W72°00.96′ **NEW YORK**
954 B NOTAM FILE BDR **L–33C, 34J**
RWY 18–36: H3001X60 (ASPH) S–25 MIRL 1.0% up N **IAP**
RWY 18: REIL. Trees.
RWY 36: REIL. Trees.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 18 and Rwy 36, MIRL Rwy 18–36—CTAF.
AIRPORT REMARKS: Attended irregularly. No radio acft on and invof arpt. Wildlife on and in vcnty of arpt.
AIRPORT MANAGER: 978-790-7779
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 123.75
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
(VL) (L) VORW/DME 116.95 GDM Chan 116(Y) N42°32.76′ W72°03.49′ 097° 1.9 NM to fld. 1280/14W.



GARDNER N42°32.76′ W72°03.49′ NOTAM FILE BDR. **NEW YORK**
(VL) (L) VORW/DME 116.95 GDM Chan 116(Y) 097° 1.9 NM to Gardner Muni. 1280/14W. **H–11D, 12J, L–33C, 34J**

GENERAL EDWARD LAWRENCE LOGAN INTL (See BOSTON on page 119)

GREAT BARRINGTON (GBR)(KGBR) 2 W UTC–5(–4DT) N42°11.05′ W73°24.19′ **NEW YORK**
739 B NOTAM FILE BTV **L–33B, 34I**
RWY 11–29: H2579X50 (ASPH) S–8 LIRL **IAP**
RWY 11: REIL. Thld dsplcd 170′. Trees.
RWY 29: Thld dsplcd 75′. Trees.
SERVICE: S4 **FUEL** 100LL **OX** 3 **LGT** ACTVT REIL Rwy 11; LIRL Rwy 11–29—121.6.
AIRPORT REMARKS: Attended 1300–2200Z‡. Wildlife on and invof arpt. Practice VFR GPS Rwy 11 not authorized when Rwy 29 is in use for student tfc. Touch and go ldg not authorized. Rwy 11 lgtd thr relctd 170′, 2409′ of rwy usbl for ngt ops. Compass rose adzy only, not crtfd. Cold temperature airport. Altitude correction required at or below –19C. Landing fee, AVcard not acptd.
AIRPORT MANAGER: 413-528-1010
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ALBANY APP/DEP CON** 132.825
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CHESTER (L) (L) VORW/DME 115.1 CTR Chan 98 N42°17.48′ W72°56.96′ 266° 21.2 NM to fld. 1600/13W.
VOR unusable:
248°–274°



HALIFAX

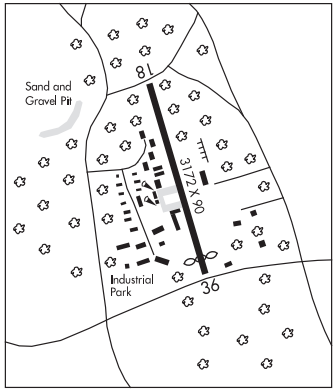
MONPONSETT POND SPB (MA6) 2 NW UTC–5(–4DT) N42°00.59′ W70°50.59′ **NEW YORK**
52 NOTAM FILE BDR **COPTER**
WATERWAY 17W–35W: 4600X500 (WATER)
WATERWAY 17W: Trees.
WATERWAY 35W: Trees. Rgt tfc.
WATERWAY 10W–28W: 3200X300 (WATER)
WATERWAY 10W: P–line.
WATERWAY 28W: Trees.
SERVICE: S2
SEAPLANE REMARKS: Attended irregularly. Use caution—Cranland Arpt (28M) 1 mile north, conflicting tfc pat.
AIRPORT MANAGER: 781-293-2181
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5551.

HANSON

CRANLAND (28M) 3 SE UTC–5(–4DT) N42°01.51′ W70°50.29′ **NEW YORK COPTER**
71 NOTAM FILE BDR
RWY 18–36: H1760X60 (ASPH) S–8
RWY 18: Trees.
RWY 36: Trees.
AIRPORT REMARKS: Attended Mon–Fri irregularly. Parachute Jumping. Wildlife on and invof arpt. TGL training not adzd. Avoid tax ops on grass when gnd is saturated.
AIRPORT MANAGER: 508-889-4061
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

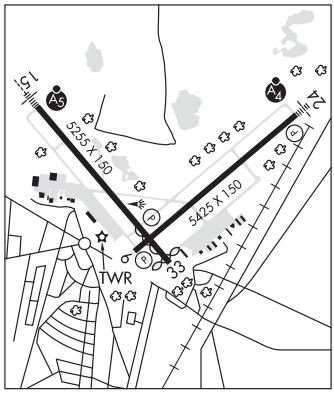
HARRIMAN–AND–WEST (See NORTH ADAMS on page 132)

HOPEDALE INDUSTRIAL PARK (1B6) 3 SE UTC–5(–4DT) N42°06.39′ W71°30.61′ **NEW YORK L–33C, 34J IAP**
269 NOTAM FILE BDR
RWY 18–36: H3172X90 (ASPH) S–12 LIRL 1.0% up N
RWY 18: Trees.
RWY 36: Thld dsplcd 110′. Trees.
SERVICE: **LGT** Rwy lgts opr dusk–0300Z‡.
AIRPORT REMARKS: Attended Mon–Fri dawn–dusk. Wildlife invof arpt. Arpt clsd to tsnt acft SS–SR. Arpt clsd to tsnt student trng. Arpt clsd to jets and night ldgs exc PPR call 508–478–1726. Rwy 18 two story house 27′ AGL (291′ MSL) located approximately 400′ northwest rwy thld.
AIRPORT MANAGER: 508-478-1726
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BRADLEY APP/DEP CON** 119.0
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
PUTNAM (H) (H) VORW/DME 117.4 PUT Chan 121 N41°57.33′ W71°50.65′ 073° 17.5 NM to fld. 652/14W.
DME unusable:
265°–301° byd 36 NM blo 3,000′



HYANNIS

CAPE COD GATEWAY (HYA)(KHYA) 1 N UTC–5(–4DT) N41°40.16′ W70°16.82′ **NEW YORK**
54 B LRA ARFF Index—See Remarks NOTAM FILE HYA MON Airport **H–10J, 11D, 12K, L–33D**
RWY 06–24: H5425X150 (ASPH–GRVD) S–30, D–108 **IAP, AD**
PCR 384 F/A/X/T HIRL
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 37′. RVR–R Thld dsplcd 406′. Tree.
RWY 24: MALSF. PAPI(P4L)—GA 3.0° TCH 50′. RVR–T Railroad.
RWY 15–33: H5255X150 (ASPH–GRVD) S–30, D–108
PCR 355 F/A/X/T HIRL
RWY 15: MALSR. RVR–T P–line.
RWY 33: PAPI(P4L)—GA 3.0° TCH 53′. RVR–R Thld dsplcd 150′.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 15	06–24	4150
RWY 24	15–33	4650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06:	TORA–5425	TODA–5425	ASDA–5425	LDA–5019
RWY 15:	TORA–5255	TODA–5255	ASDA–5255	LDA–5255
RWY 24:	TORA–5425	TODA–5425	ASDA–5425	LDA–5425
RWY 33:	TORA–5255	TODA–5255	ASDA–5255	LDA–5105

ARRESTING GEAR/SYSTEM
RWY 24: EMAS

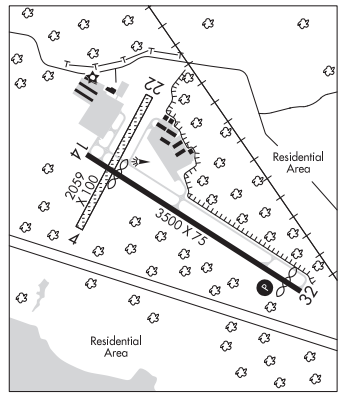
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 15; MALSF Rwy 24; HIRL Rwy 06–24 and 15–33—CTAF.
NOISE: Arpt has noise abatement ctc arpt manager 508–778–7765. Tgl opns prohibited btn 0200–1059Z‡ PPR by AMGR.
AIRPORT REMARKS: Attended continuously. Birds, coyotes on and invof arpt. AVGAS unavailable btn 0000Z‡ and 1100Z‡ daily. Call Griffin aft hrs 508–367–2140. Clsd to unsked ACR ops with more than 9 pax seats 0500–1100Z‡ excp 1 hr PPR amgr 508–778–7770. Be aware of high–spd mil jet & hvy hel tfc vcnty of Joint Base Cape Cod. Do not confuse Joint Base Cape Cod, 10 NM W with Cape Cod Gateway. Ant on tank 4,600′ SE elev 208′; standpipe 7.050′ N 236′; obstn lgtd. Class I, ARFF Index A. ARFF Index B svcs prvdd btn 1100–0259Z‡ dly. ARFF Index A svcs prvdd durg otr times. For Index B svcs btn 0300–1059Z‡, 1 hr 30 min PPR at 508–778–7770. Twy B clsd to acft with wingspan gtr than 118′. Twy B btn Twy D and Rwy 06–24 clsd to acft with wingspan gtr than 78′. Twy B from Rwy 33 to east ramp has soft shoulders and marked. Ldg fee for all acft over 6000 lbs.
AIRPORT MANAGER: 508-775-2020
WEATHER DATA SOURCES: ASOS (508) 862–2601 LAWRS.
COMMUNICATIONS: CTAF 119.5 **ATIS** 123.8 (508) 778–1143 **UNICOM** 122.95
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2
HYANNIS TOWER 119.5 (1100–0300Z‡) **GND CON** 118.45 **CLNC DEL** 125.15 120.125 (when twr clsd)
AIRSPACE: CLASS D svc 1100–0300Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.
MARTHAS VINEYARD (L) (L) VORW/DME 114.5 MVY Chan 92 N41°23.77′ W70°36.76′ 057° 22.2 NM to fld. 62/15W.
ILS/DME 108.95 I–BCU Chan 26(Y) Rwy 15. Class IB. Unmonitored when ATCT clsd.
ILS/DME 109.15 I–HYA Chan 28(Y) Rwy 24. Class IT. Unmonitored when ATCT clsd. Autopilot cpd apchs NA blw 700′ MSL.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr. All tsnt and GA pilots must ctc arpt ops on freq 122.95 prior to eng shtdn for airfield escort btn 0300–1059Z‡.

KATAMA AIRPARK (See EDGARTOWN on page 122)

LAURENCE G HANSCOM FLD (See BEDFORD on page 116)

LAWRENCE MUNI (LWM)(KLWM) 2 E UTC–5(–4DT) N42°43.02´ W71°07.41´ **NEW YORK**
148 B LRA NOTAM FILE LWM **COPTER**
RWY 05–23: H5001X100 (ASPH–GRVD) S–45, D–62, 2D–110 HIRL **H–11D, 12K, L–33D**
RWY 05: REIL. PAPI(P4R)—GA 3.0° TCH 55´. **IAP, AD**
RWY 23: REIL. PAPI(P4L)—GA 3.7° TCH 55´. Trees.
RWY 14–32: H3654X100 (ASPH) S–30, D–34, 2D–53 MIRL 0.7% up SE
RWY 14: REIL.
RWY 32: REIL. PAPI(P4L)—GA 4.0° TCH 32´. Thld dsplcd 80´. Trees.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTVT REIL Rwys 05, 23, 14 and 32; PAPI Rwy 05, 23 and 32, HIRL Rwy 05–23, MIRL Rwy 14–32—CTAF.
AIRPORT REMARKS: Attended 1200Z‡–0300Z‡. Wildlife on and invof arpt. Use reasonable efforts to maintain manufacturer´s recommended best rate of climb. Clsd tfc pat initiate turn out at 700´ AGL. Lgtd stack 296´ MSL 1/2 mile NW AER 23. Hill 5400´ SE and standpipe 7200´ NE; lgtd. Ldg Fee for acft registered to corporation only. Flight Notification Service (ADCUS) available.
AIRPORT MANAGER: 978-794-5880
WEATHER DATA SOURCES: ASOS (978) 687–8017 ASOS hrs 0300–1200Z‡. LAWRS.
COMMUNICATIONS: CTAF 119.25 **ATIS** 126.75 **UNICOM** 122.8
Ⓡ **BOSTON APP/DEP CON** 124.4
TOWER 119.25 (1200–0300Z‡) **GND CON** 124.3 **CLNC DEL** 124.3 126.15 (When twr clsd)
AIRSPACE: CLASS D svc 1200–0300Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.
(L) DME 112.5 LWM Chan 72 N42°44.43´ W71°05.69´ 222° 1.9 NM to fld. 306.
DME unusable:
160°–195° byd 23 NM blo 2,500´
ILS 111.7 I–LWM Rwy 05. Class IB. ILS unmntd when ATCT clsd.

MANSFIELD MUNI (1B9) 2 SE UTC–5(–4DT) N42°00.05´ W71°11.88´ **NEW YORK**
123 B NOTAM FILE BDR **COPTER**
RWY 14–32: H3500X75 (ASPH) S–26 MIRL **L–33D, 34J**
RWY 14: Thld dsplcd 509´. Trees. **IAP**
RWY 32: PAPI(P4L)—GA 4.0° TCH 38´. Thld dsplcd 237´. Trees.
RWY 04–22: 2059X100 (TURF) 0.3% up NE
RWY 04: Trees.
RWY 22: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT PAPI Rwy 32, MIRL Rwy 14–32—CTAF. Rwy 14–32 lgts OTS.
AIRPORT REMARKS: Attended Apr–Nov 1300Z‡–dusk, Dec–Mar 1400–2200Z‡. Wildlife on and invof arpt. Turf strip clsd winter months & aft hvy rains. No touch and go ldgs 0200–1300Z‡. On dep Rwy 32 turn L to 290 degs. No R turns on dep fm Rwy 32 til 1,000 ft MSL. On dep Rwy 14 no L turns til 824 ft MSL.
AIRPORT MANAGER: 508-930-1121
WEATHER DATA SOURCES: AWOS–3PT 118.675 (774) 372–2047.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BOSTON APP/DEP CON** 124.1
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
PUTNAM (H) (H) VORW/DME 117.4 PUT Chan 121 N41°57.33´ W71°50.65´ 098° 29.0 NM to fld. 652/14W.
DME unusable:
265°–301° byd 36 NM blo 3,000´



MARCONI N42°01.03´ W70°02.23´ NOTAM FILE BDR. **NEW YORK**
(VH) (DH) VORW/DME 114.7 LFV Chan 94 308° 8.8 NM to Provincetown Muni. 151/16W. **H–10J, 11D, 12K, L–33D**
VOR unusable:
245°–250° byd 40 NM

MARSHFIELD MUNI – GEORGE HARLOW FLD (GHG)(KGHG) 2 E UTC–5(–4DT) N42°05.85´ W70°40.38´

9 B NOTAM FILE BDR

RWY 06–24: H3900X100 (ASPH–GRVD) S–12.5, D–38.8 PCN 190 F/B/X/T MIRL

RWY 06: REIL. PAPI(P4R)—GA 3.0° TCH 43´. Thld dsplcd 300´. Trees.

RWY 24: REIL. PAPI(P4R)—GA 3.0° TCH 40´. Thld dsplcd 300´. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA–3900 TODA–3900 ASDA–3600 LDA–3300

RWY 24: TORA–3900 TODA–3900 ASDA–3600 LDA–3300

SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 1, 3 **LGT** ACTVT PAPI Rwy 06 and 24—CTAF.

NOISE: Voluntary noise abatement procs in effect, no touch and go ldgs between 2100–0730 local. All engine runups at midfield ramp.

AIRPORT REMARKS: Attended 1300–0000Z‡. Birds, deer and wildlife on and invof arpt. Flt training activity. After hrs service by request. Sfc conds unmnt and snow removal not available 0030–1400Z‡.

AIRPORT MANAGER: 781-834-4928

WEATHER DATA SOURCES: AWOS–3 120.0 (781) 837–0555. LAWRS.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON APP/DEP CON** 124.1

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.

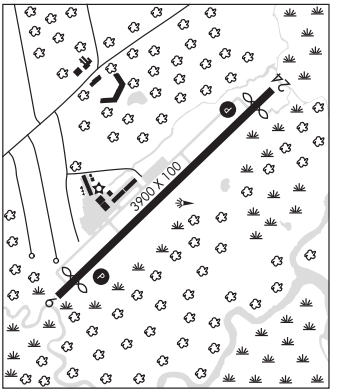
BOSTON (VH) (DH) VORW/DME 112.7 BOS Chan 74 N42°21.45´ W70°59.37´ 154° 21.0 NM to fld. 18/16W.

VOR unusable:

043°–053° byd 40 NM blo 5,000´
043°–053° byd 74 NM
055°–065° byd 40 NM blo 5,000´
055°–065° byd 47 NM
061°–104° byd 18 NM blo 2,000´
070°–108° byd 40 NM
109°–119° byd 40 NM blo 6,000´
109°–119° byd 58 NM
120°–148° byd 40 NM
149°–167° byd 40 NM blo 2,100´
149°–167° byd 83 NM
168°–177° byd 40 NM
178°–188° byd 40 NM blo 11,000´
178°–188° byd 50 NM
204°–262° byd 40 NM
263°–273° byd 40 NM blo 4,000´
263°–273° byd 54 NM
271°–060° byd 25 NM blo 3,500´
274°–337° byd 40 NM
350°–042° byd 40 NM

DME unusable:

061°–104° byd 18 NM blo 2,000´
271°–060° byd 25 NM blo 3,500´



MARSTON MILLS

CAPE COD (2B1) 5 SE UTC–5(–4DT) N41°41.12′ W70°24.14′ **NEW YORK**
103 TPA—803(700) NOTAM FILE BDR
RWY 09–27: 2700X60 (TURF)
RWY 09: Trees.
RWY 27: Trees.
RWY 17–35: 2060X60 (TURF) 0.7% up N
RWY 17: Trees.
RWY 35: P–line.
RWY 05–23: 2035X50 (TURF)
RWY 05: Trees.
RWY 23: Trees.
SERVICE: S2 **FUEL** 100LL
AIRPORT REMARKS: Attended dalgt hrs. Parachute jumping on fld. Be aware of hi–speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Be alert for radio control airplanes NE corner afld. PPR for Rwy 05–23 ops. Banner tow ops in progress Jun thru Aug north side of afld. Glider tow ops during dalgt hrs. Rwy 35 also has trees. Helicopter ops ctc arpt manager for arpt procedures/parking.
AIRPORT MANAGER: 508-428-8732
COMMUNICATIONS: CTAF 122.9
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

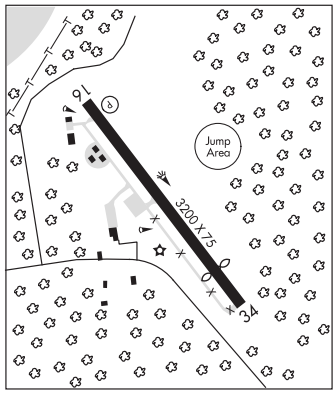
MARTHA'S VINEYARD (See VINEYARD HAVEN on page 139)

MINUTE MAN AIR FLD (See STOW on page 138)

MONPONSETT POND SPB (See HALIFAX on page 124)

MONTAGUE

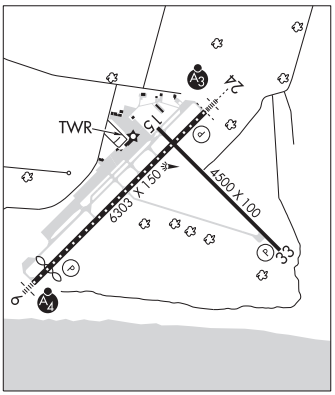
TURNERS FALLS (ØB5) 3 N UTC–5(–4DT) N42°35.50′ W72°31.38′ **NEW YORK**
359 B NOTAM FILE BTV **L–33C, 34J**
RWY 16–34: H3200X75 (ASPH) S–30 MIRL **IAP**
RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees.
RWY 34: Thld dsplcd 550′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A1 **LGT** ACTIVATE REIL Rwy 16 and MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡. Parachute Jumping. Wildlife and birds invof arpt. Fuel cart ctc amgr. Rwy 16 is calm wind rwy. Cold temperature airport. Altitude correction required at or below –25C.
AIRPORT MANAGER: 413-863-0044
COMMUNICATIONS: CTAF/UNICOM 123.0
BOSTON CENTER APP/DEP CON 123.75
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (VL) (L) VORW/DME 116.95 GDM Chan 116(Y)
N42°32.76′ W72°03.49′ 292° 20.8 NM to fld. 1280/14W.



MYRICKS (See BERKLEY on page 117)

NANTUCKET MEML (ACK)(KACK) 3 SE UTC–5(–4DT) N41°15.20′ W70°03.63′ **NEW YORK**
47 B ARFF Index—See Remarks NOTAM FILE ACK **H–10J, 12K, L–33D**
IAP, AD

RWY 06–24: H6303X150 (ASPH–GRVD) S–75, D–170, 2S–175, 2D–280 PCR 770 F/A/X/T HIRL CL 0.3% up NE
RWY 06: MALSF. PAPI(P4R)—GA 3.0° TCH 57′. RVR–TR Thld dsplcd 538′.
RWY 24: SSALR. TDZL. PAPI(P4L)—GA 3.0° TCH 48′. RVR–TR
RWY 15–33: H4500X100 (ASPH–GRVD) S–60, D–85, 2S–108, 2D–155 PCR 430 F/A/X/T MIRL
RWY 15: REIL. Bldg.
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 45′.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 06	15–33	4316
RWY 33	06–24	3650

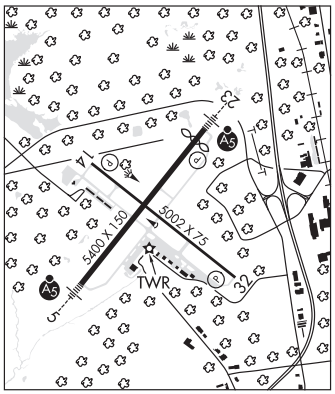
RUNWAY DECLARED DISTANCE INFORMATION

RWY 06:	TORA–6303	TODA–6303	ASDA–6303	LDA–5765
RWY 15:	TORA–4500	TODA–4500	ASDA–4500	LDA–4500
RWY 24:	TORA–6303	TODA–6303	ASDA–6303	LDA–6303
RWY 33:	TORA–4500	TODA–4500	ASDA–4500	LDA–4500

SERVICE: **FUEL** 100LL, JET A+ **LGT** Rwy 24 SSALR unmonitored when twr clsd. When ATCT clsd ACTVT MALSF Rwy 06; SSALR Rwy 24; HIRL Rwy 06–24, MIRL Rwy 15–33; twy lgts—CTAF. PAPI Rwy 06, 24 and 33 opr 24 hrs.
NOISE: Arpt has noise abatement procs ctc Noise Officer 508–325–5300. NOTE: See Special Notices—VFR Noise Abatement Procedures.
AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. Be aware of hi–speed mil jet and heavy helicopter tfc vicinity Air Station Cape Cod. Class I, ARFF Index C. ARFF Index C svcs prvd btn 1100Z‡ and 0300Z‡. For Index C svcs btn 0301Z‡ and 1059Z‡, 2 hr PPR at 508–325–7569 to Nantucket Airport Ops. PPR 2 hrs for unsked acft ops with more than 9 pax seats; call amgr 508–325–5300. Twy F rstrd to sml acft 12,500 lbs or less. Txy F btn Twy B and Twy H clsd to acft with wingspan more than 79 ft. All acft, APU use lmtd to 15 min. Fee for non–commercial acft parking.
AIRPORT MANAGER: 508-325-7535
WEATHER DATA SOURCES: ASOS (508) 325–6082 LAWRS.
COMMUNICATIONS: CTAF 118.3 **ATIS** 127.5 (508) 228–5375 **UNICOM** 122.95
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 126.1
TOWER 118.3 May 15–Sep 30 (1100–0300Z‡), Oct 1–May 14 (1100–0200Z‡).
GND CON 132.5 **CLNC DEL** 119.375
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Boston Apch at 603-594-5554.
AIRSPACE: CLASS D svc 1100–0300Z‡ May 15–Sept 30, 1100–0200Z‡ Oct 1–May 14; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE ACK.
(VH) (H) VORW/DME 116.2 ACK Chan 109 N41°16.91′ W70°01.60′ 237° 2.3 NM to fld. 77/15W.
VOR unusable:
110°–120° byd 40 NM
ILS/DME 109.1 I–RNE Chan 28 Rwy 06. Class IE. LOC unusable byd 28° right of course.
ILS/DME 109.1 I–ACK Chan 28 Rwy 24. Class IE. Unmonitored when ATCT clsd.

NAUSET N41°41.52′ W69°59.26′ NOTAM FILE CQX. **NEW YORK**
NDB (MHW) 279 CQX at Chatham Muni. 56/16W. **L–33D**
Unusable:
275°–295° byd 15 NM
Blw 2,000′

NEW BEDFORD RGNL (EWB)(KEWB) 2 NW UTC–5(–4DT) N41°40.59′ W70°57.47′ **NEW YORK**
79 B LRA Class IV, ARFF Index A NOTAM FILE EWB **H–10J, 11D, 12K, L–33D**
RWY 05–23: H5400X150 (ASPH–GRVD) S–30, D–108, 2S–137, 2D–195 PCR 810 F/A/X/T HIRL 0.3% up NE No Part 121/Part 380 Ops **IAP, AD**
RWY 05: MALSR. RVR–T Tree.
RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 46′. RVR–R Thld dsplcd 400′. Tree.
RWY 14–32: H5002X75 (ASPH) S–33, D–48, 2D–95 PCR 930 F/A/X/T MIRL No Part 121/Part 380 Ops
RWY 14: PAPI(P4L)—GA 3.42° TCH 50′. Tree.
RWY 32: REIL. PAPI(P4L)—GA 3.5° TCH 50′. Trees.



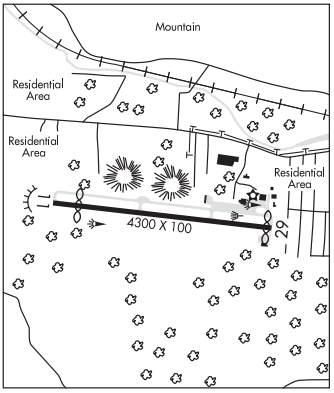
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** When twr clsd ACTIVATE MALSR Rwys 05 and Rwy 23, REIL Rwy 32, HIRL Rwy 05–23, MIRL Rwy 14–32—CTAF. PAPI Rwy 14, Rwy 23 and Rwy 32 ops 24 hrs.
AIRPORT REMARKS: Attended 1100–0400Z‡. Birds and wildlife on and invof arpt. Rwy 05–23 and Rwy 14–32, 90 day PPR for unsked ACR ops gtr than 30 pax seats–call amgr. Twys A1 and A2 for air carrier acft only. Ldg fees for acft ovr 3,000 lbs. Flight Notification Service (ADCUS) available.
AIRPORT MANAGER: 508-991-6161
WEATHER DATA SOURCES: ASOS 126.85 (508) 992–0195. LAWRS.
COMMUNICATIONS: CTAF 118.1 **ATIS** 126.85 (508) 994–6277 **UNICOM** 122.95
Ⓡ **PROVIDENCE APP/DEP CON** 128.7 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc **BOSTON CENTER APP/DEP CON** 124.85
TOWER 118.1 (1130–0300Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.
AIRSPACE: CLASS D svc 1130–0300Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.
PROVIDENCE (H) (DH) VORW/DME 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ 112° 21.4 NM to fld. 49/14W.
VOR unusable:
085°–105° byd 12 NM blo 5,500′
085°–105° byd 8 NM blo 3,000′
106°–294° byd 30 NM blo 3,000′
295°–330° byd 30 NM blo 6,000′
331°–084° byd 30 NM blo 3,000′
DME unusable:
085°–105° byd 12 NM blo 5,500′
085°–105° byd 8 NM blo 3,000′
106°–152° byd 11 NM blo 2,000′
106°–152° byd 20 NM blo 4,000′
153°–294° byd 30 NM blo 3,000′
295°–330° byd 30 NM blo 6,000′
331°–084° byd 30 NM blo 3,000′
ILS/DME 109.7 I–EWB Chan 34 Rwy 05. Unmonitored when ATCT clsd. Autopilot cpd apch blw 470′ NA. Localizer backcourse unusable 15° left and r of course; byd 12 NM. Backcourse DME unusable 15° left and r of course; byd 12 NM.

NEWBURYPORT

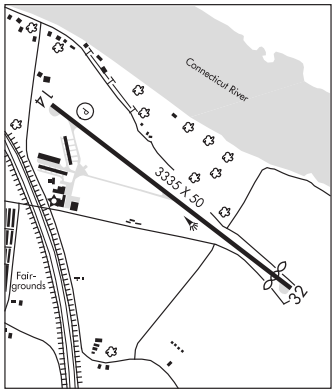
PLUM ISLAND (2B2) 1 SE UTC–5(–4DT) N42°47.72′ W70°50.37′ **NEW YORK**
11 NOTAM FILE BDR
RWY 14–32: 2300X100 (TURF)
RWY 14: Trees.
RWY 32: Trees.
RWY 10–28: H2105X50 (ASPH) S–8
RWY 10: Trees.
RWY 28: Thld dsplcd 300′. Fence.
SERVICE: S4 **FUEL** 100LL
AIRPORT REMARKS: Attended Apr–Sep 1300–2300Z‡. Attended irregularly Oct–Mar. Wildlife invof arpt. No touch and go allowed. Ctc mgr for all arpt use reqs. Owner does not oversee ops.
AIRPORT MANAGER: 978-463-4222
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BOSTON APP/DEP CON** 124.4
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

NORTH ADAMS

HARRIMAN–AND–WEST (AQW)(KAQW) 3 W UTC–5(–4DT) N42°41.78´ W73°10.23´ **NEW YORK**
654 B NOTAM FILE AQW **L–32G, 33B, 34J**
RWY 11–29: H4300X100 (ASPH) S–25 MIRL **IAP**
RWY 11: Thld dsplcd 500´. Trees.
RWY 29: Thld dsplcd 100´. Bldg. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** ACTIVATE MIRL Rwy 11–29—CTAF.
NOISE: Pilots ldg on Rwy 29 are encouraged to avoid low apchs, if safe to do so, ovr the res nbrhd just E of the arpt.
AIRPORT REMARKS: Attended ireg. Wildlife on and invof arpt. Extsv glder ops dawn–dusk sfc–18,000´ year round; primarily weekends and hols. Mt ranges 9100´ N at elev 1894´; 4300´ N at elev 2254 ft; 10800´ S at elev 2951 ft; 12800´ S at elev 2690 ft. Twy A2 removed. Rwy 29 right tfc for pwrd acft. Rwy 29 left tfc for gld and tow plane. Rwy 11 left tfc for pwrd acft. Rwy 11 right tfc for gld and tow plane. Ctc amgr for lndg fees. Lndg fees.
AIRPORT MANAGER: 413-652-7735
WEATHER DATA SOURCES: ASOS 134.775 (413) 664–6658.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ALBANY APP/DEP CON** 132.825
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CAMBRIDGE (VL) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66´ W73°20.64´ 171° 19.4 NM to fld. 1490/14W.
DME unusable:
040°–130° blo 9,000´
VOR unusable:
011°–021° byd 42 NM
022°–127° byd 40 NM
128°–144°
145°–160° byd 40 NM
161°–182°
183°–194° byd 40 NM
195°–205°
320°–010° byd 40 NM



NORTHAMPTON (7B2) 1 NE UTC–5(–4DT) N42°19.68′ W72°36.67′ **NEW YORK**
121 B NOTAM FILE BTV **L–33C, 34J**
RWY 14–32: H3335X50 (ASPH) S–7.5 MIRL **IAP**
RWY 14: PAPI(P4L)—GA 4.5° TCH 60′. Trees.
RWY 32: Thld dsplcd 220′. Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 14–32—CTAF.
AIRPORT REMARKS: Attended 1300–2300Z‡. Gldr act on and invof arpt May–Oct. Fuel is 24 hr self–serve. Arpt clsd to acft and hel crtfyd for 12,500 lbs and ovr. Fee and PPR for coml bln ops. Cold temperature airport. Altitude correction required at or below –24C. Ldg fee for commercial acft.
AIRPORT MANAGER: 860-833-7602
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **BRADLEY APP/DEP CON** 125.35
CLNC DEL 133.6
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.
RADIO AIDS TO NAVIGATION: NOTAM FILE BAF.
BARNES (VL) (L) VORTACW 113.0 BAF Chan 77 N42°09.72′ W72°42.97′ 039° 11.0 NM to fld. 267/14W.
TACAN AZIMUTH unusable:
215°–255° byd 35 NM blo 5,000′
256°–330° byd 25 NM blo 7,500′
VOR unusable:
000°–030° byd 40 NM
030°–050° byd 30 NM
040°–089° byd 40 NM
090°–100° byd 40 NM blo 4,000′
090°–100° byd 46 NM
101°–112° byd 40 NM blo 18,000′
113°–205° byd 40 NM
215°–240° byd 40 NM
241°–251° byd 40 NM blo 18,000′
249°–260° byd 10 NM blo 10,000′
252°–360° byd 40 NM
310°–340° byd 25 NM blo 6,500′
DME unusable:
050°–079° byd 35 NM blo 5,500′
080°–090°
091°–104° byd 35 NM blo 5,500′
105°–125°
126°–150° byd 35 blo 5,500′
215°–255° byd 35 NM blo 500′
256°–330° byd 25 NM blo 7,500′



NORWOOD MEML (OWD)(KOWD) 2 E UTC–5(–4DT) N42°11.43′ W71°10.38′
49 B NOTAM FILE OWD

RWY 17–35: H4007X100 (ASPH–GRVD) S–58, D–69, 2S–88 MIRL
RWY 17: PAPI(P4R)—GA 3.0° TCH 40′. Trees.
RWY 35: MALSF. PAPI(P4L)—GA 3.0° TCH 40′.

RWY 10–28: H3995X75 (ASPH) S–58, D–69, 2S–88
RWY 10: PAPI(P4R)—GA 4.0° TCH 25′. Thld dsplcd 987′. Trees.
RWY 28: Thld dsplcd 212′. Trees.

LAND AND HOLD–SHORT OPERATIONS

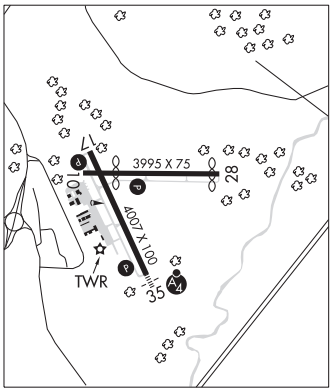
LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 35	10–28	3320

RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: TORA–3995 TODA–3995 ASDA–3782 LDA–2795
RWY 28: TORA–3995 TODA–3995 ASDA–3808 LDA–3595

SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 4 **LGT** When ATCT clsd
ACTVT MALSF Rwy 35; PAPI Rwy 10, 17, 35; MIRL Rwy 17–35—CTAF.

NOISE: All acft exceeding 87 eff perceived noise level in dbs or 75 dbs, as measured in Part 36 prohibited fm using arpt.

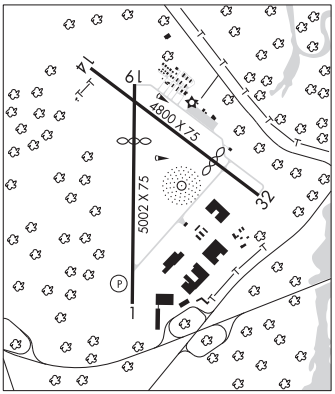
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. Bird activity and wildlife invof arpt. Snow removal equipment building (abutting south apron). 1349(1199) and 1349(1249) TV twr 8 NM north–northwest. 125′ flagpole 1 mi NW of Rwy 17 apch. 1184(1063.5) twr 8.5 NM north–northwest. Gate 2 taxilane limited to acft with wingspans of 50′ or less. Gate 3 taxilane limited to acft with wingspans of 45′ or less. Ldg fees for transient fixed–wing acft with more than 5000 lbs max tog, as well as transient hels regardless of weight.



AIRPORT MANAGER: 781-255-5615
WEATHER DATA SOURCES: ASOS 119.95 (781) 762–4314. LAWRS.
COMMUNICATIONS: CTAF 126.0
ATIS 119.95 (781–769–3825)
Ⓡ **BOSTON APP/DEP CON** 124.1
TOWER 126.0 (Nov 1–Apr 30 1200–0100Z‡, May 1–Oct 31 1200–0300Z‡) **GND CON** 121.8 **CLNC DEL** 121.8
AIRSPACE: CLASS D svc 1200–0100Z‡ 1 Nov–30 Apr, 1200–0300Z‡ 1 May–31 Oct; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.
BOSTON (VH) (DH) VORW/DME 112.7 BOS Chan 74 N42°21.45′ W70°59.37′ 235° 12.9 NM to fld. 18/16W.
VOR unusable:
043°–053° byd 40 NM blo 5,000′
043°–053° byd 74 NM
055°–065° byd 40 NM blo 5,000′
055°–065° byd 47 NM
061°–104° byd 18 NM blo 2,000′
070°–108° byd 40 NM
109°–119° byd 40 NM blo 6,000′
109°–119° byd 58 NM
120°–148° byd 40 NM
149°–167° byd 40 NM blo 2,100′
149°–167° byd 83 NM
168°–177° byd 40 NM
178°–188° byd 40 NM blo 11,000′
178°–188° byd 50 NM
204°–262° byd 40 NM
263°–273° byd 40 NM blo 4,000′
263°–273° byd 54 NM
271°–060° byd 25 NM blo 3,500′
274°–337° byd 40 NM
350°–042° byd 40 NM
DME unusable:
061°–104° byd 18 NM blo 2,000′
271°–060° byd 25 NM blo 3,500′
LOC/DME 108.3 I–OWD Chan 20 Rwy 35. LOC unmonitored when ATCT clsd.

ORANGE MUNI (ORE)(KORE) 1 SE UTC–5(–4DT) N42°34.20´ W72°17.31´ **NEW YORK**
556 B NOTAM FILE ORE **H–11D, 12K, L–33C, 34J**
IAP

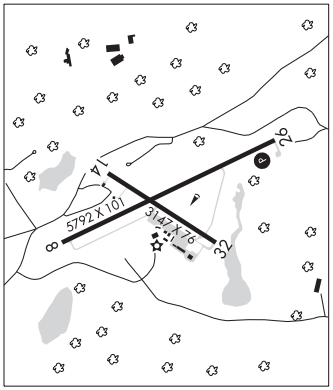
RWY 01–19: H5002X75 (ASPH) S–83, D–144, 2D–258
PCR 290 F/A/X/T MIRL 0.4% up S
RWY 01: PAPI(P4L)—GA 3.4° TCH 45´. Trees.
RWY 19: Thld dsplcd 1301´. Trees.
RWY 14–32: H4800X75 (ASPH) S–77, D–123, 2D–208
PCR 290 F/B/X/T MIRL 0.4% up SE
RWY 14: Trees.
RWY 32: Thld dsplcd 1290´. Trees.



SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** Dusk–Dawn. ACTVT MIRL Rwys 01–19 and 14–32—CTAF. PAPI Rwy 01 opr consly.
AIRPORT REMARKS: Attended 1300–2200Z‡. Parachute Jumping. Wildlife on and invof arpt. 100LL fuel self–svc avbl 24 hrs. Aft hrs emerg/fuel phone ctc 413–768–2672. PAJA wi 2 NM of airfield, sfc to 14500 ft MSL, 7 days a week, SR–SS, Apr 1–Nov 30.
AIRPORT MANAGER: 602-290-9035
WEATHER DATA SOURCES: ASOS 135.675 (978) 544–6774.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**BOSTON CENTER APP/DEP CON** 123.75
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (VL) (L) VORW/DME 116.95 GDM Chan 116(Y) N42°32.76´ W72°03.49´ 292° 10.3 NM to fld. 1280/14W.

PITTSFIELD MUNI (PSF)(KPSF) 2 W UTC–5(–4DT) N42°25.66´ W73°17.45´ **NEW YORK**
1189 B LRA NOTAM FILE PSF **H–10I, 11D, 12K, L–33B, 34I**
IAP

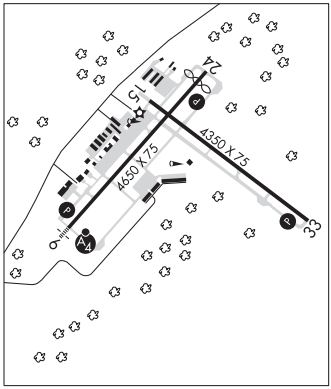
RWY 08–26: H5792X101 (ASPH–GRVD) S–80, D–102, 2D–159
PCR 326 F/D/X/T MIRL 1.0% up W
RWY 08: Trees.
RWY 26: REIL. PAPI(P4L)—GA 3.0° TCH 50´. Rgt tfc.
RWY 14–32: H3147X76 (ASPH) S–12 PCR 42 F/D/X/T MIRL 0.9% up NW
RWY 14: Trees.
RWY 32: Trees. Rgt tfc.



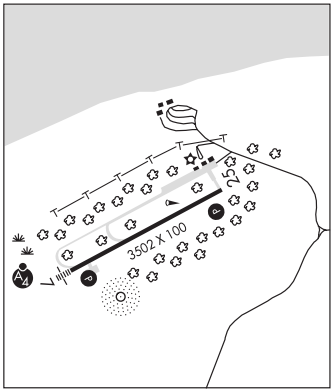
SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 4 **LGT** ACTVT REIL Rwy 26; PAPI Rwy 26; MIRL Rwys 08–26 and 14–32—CTAF.
NOISE: Noise abatement procs in efct 0400–1200Z‡.
AIRPORT REMARKS: Attended 1200–2000Z‡. Birds & wildlife on & invof arpt. Airfield sfc cond not mnt and snow removal not guaranteed btn 2000–1200Z‡. FBO atndd Mon–Fri 1300–2300Z‡, Sat–Sun 1300–2200Z‡. For fuel aft hrs call 413–443–6700. Obstn lgtd poles 0.9 NM SE at 1960 ft; 1.1 NM SE at 1470 ft; 1.7 NM SW at 2171 ft (OTS indefly); 1.3 NM NE at 1330 ft; 2.3 NM NW at 1890 ft (OTS indefly). All acft use Twy A, C & D for Rwy 08–26. Twy A use ltd to acft with wingspan less than 79 ft. Aft back tax Rwy 26 use Twy D. Cold temperature airport. Altitude correction required at or below –21C. Ldg and parking fees.
AIRPORT MANAGER: 413-448-9790
WEATHER DATA SOURCES: ASOS 135.375 (413) 499–3273.
COMMUNICATIONS: CTAF/UNICOM 122.7
RCO 122.3 (BURLINGTON RADIO)
Ⓡ**ALBANY APP/DEP CON** 132.825
CLNC DEL 128.6
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CHESTER (L) (L) VORW/DME 115.1 CTR Chan 98 N42°17.48´ W72°56.96´ 311° 17.2 NM to fld. 1600/13W.
VOR unusable:
248°–274°
LOC/DME 108.3 I–EIF Chan 20 Rwy 26.

PLUM ISLAND (See NEWBURYPORT on page 131)

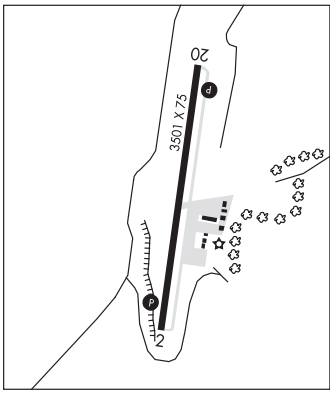
PLYMOUTH MUNI (PYM)(KPYM) 4 SW UTC–5(–4DT) N41°54.53′ W70°43.66′ **NEW YORK**
148 B NOTAM FILE PYM **L–33D**
RWY 06–24: H4650X75 (ASPH) S–25, D–64 MIRL **IAP**
RWY 06: MALSF. PAPI(P4L)—GA 3.0° TCH 40′. Trees.
RWY 24: REIL. PAPI(P4L)—GA 4.0° TCH 40′. Thld dsplcd 300′. Trees.
RWY 15–33: H4350X75 (ASPH) S–25, D–64 MIRL 0.3% up NW
RWY 15: Trees.
RWY 33: PAPI(P4L)—GA 3.0° TCH 40′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–4350 TODA–4350 ASDA–4350 LDA–4350
RWY 33: TORA–4350 TODA–4350 ASDA–4650 LDA–4350
SERVICE: S4 **FUEL** 100LL, JET A **OX** 2, 4 **LGT** ACTVT MALSF Rwy 06; REIL Rwy 24; PAPI Rwy 06, 24 and 33; MIRL Rwy 06–24 and 15–33—122.9.
NOISE: Depg acft encouraged to fly lcl noise abatement procs.
AIRPORT REMARKS: Attended 1100–0300Z‡. Wildlife on and invof arpt. Be aware of high spd mil jet and hvy hel tfc invof Cape Cod CGAS. No TGLS 0200–1300Z‡. Rwy 33 calm wind rwy.
AIRPORT MANAGER: 508-746-2020
WEATHER DATA SOURCES: ASOS 135.625 (508) 319–1421.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2
CLNC DEL 127.75
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MARCONI (VH) (DH) VORW/DME 114.7 LFV Chan 94 N42°01.03′ W70°02.23′ 274° 31.6 NM to fld. 151/16W.
VOR unusable:
245°–250° byd 40 NM
ILS/DME 109.35 I–PYM Chan 30(Y) Rwy 06. Class IT.



PROVINCETOWN MUNI (PVC)(KPVC) 2 NW UTC–5(–4DT) N42°04.34′ W70°13.24′ **NEW YORK**
8 B NOTAM FILE PVC **COPTER**
RWY 07–25: H3502X100 (ASPH) S–25 HIRL **L–33D**
RWY 07: MALSF. PAPI(P4R)—GA 3.0° TCH 40′. **IAP**
RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees. Rgt tfc.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTVT MALSF Rwy 07; REIL Rwy 25; PAPI Rwy 07 & 25; HIRL Rwy 07–25—122.85.
AIRPORT REMARKS: Attended May–Oct, 1100–2300Z‡, Nov–Apr, Mon–Sat 1100–2200Z‡, Sun 1100–2200Z‡. Wildlife on and invof arpt. For 100LL fuel avblty—Amgr. High spd mil and hel tfc invof Cape Cod CGAS. Ultralight ops NA May 1–Sep 30. Prkg fee. Lndg fee arpt.
AIRPORT MANAGER: 508-487-0241
WEATHER DATA SOURCES: AWOS–3PT 119.275 (508) 487–6435.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2
CLNC DEL 120.65
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MARCONI (VH) (DH) VORW/DME 114.7 LFV Chan 94 N42°01.03′ W70°02.23′ 308° 8.8 NM to fld. 151/16W.
VOR unusable:
245°–250° byd 40 NM
NDB (MHW) 389 PVC N42°04.13′ W70°13.41′ at fld. 9/16W. NOTAM FILE PVC.
ILS/DME 111.1 I–VQO Chan 48 Rwy 07. Class IB.

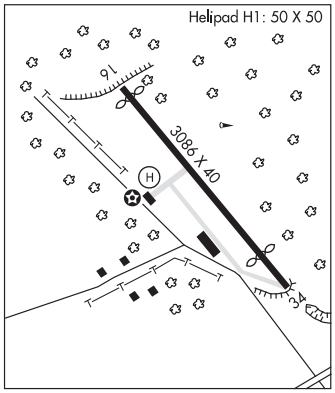


SOUTHBRIDGE MUNI (3BØ) 2 N UTC–5(–4DT) N42º06.07´ W72º02.33´ **NEW YORK**
699 B NOTAM FILE BDR **L–33C, 34J**
RWY 02–20: H3501X75 (ASPH) S–28 MIRL 0.3% up N **IAP**
RWY 02: REIL. PAPI(P4L)—GA 3.0º TCH 40´. Trees.
RWY 20: REIL. PAPI(P4L)—GA 3.5º TCH 45´. Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 02 and 20; PAPI Rwy 02 and 20; MIRL Rwy 02–20—CTAF.
AIRPORT REMARKS: Attended 1300Z‡–dusk.
AIRPORT MANAGER: 508-764-2155
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BRADLEY APP/DEP CON** 119.0
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
PUTNAM (H) (H) VORW/DME 117.4 PUT Chan 121 N41º57.33´ W71º50.65´ 329º 12.3 NM to fld. 652/14W.
DME unusable:
265º–301º byd 36 NM blo 3,000´



SPENCER (6ØM) 2 NE UTC–5(–4DT) N42º17.43´ W71º57.88´ **NEW YORK**
1043 TPA—1843(800) NOTAM FILE BDR
RWY 01–19: H1898X50 (ASPH)
RWY 01: Trees.
RWY 19: Trees.
AIRPORT REMARKS: Unattended. Ctc amgr PPR for tsnt acft. Rwy 01–19 sfc cond poor. Ruts and bumps on rwy and twy may create a haz cond to certain types of acft.
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.

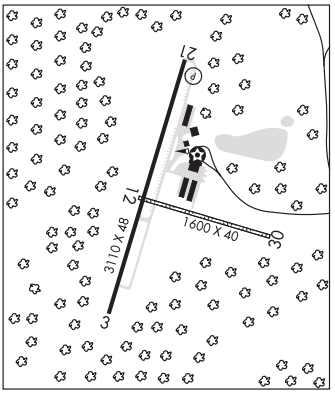
STERLING (3B3) 2 SW UTC–5(–4DT) N42º25.55´ W71º47.57´ **NEW YORK**
459 B NOTAM FILE BDR **L–33C, 34J**
RWY 16–34: H3086X40 (ASPH) S–8 LIRL(NSTD) 0.3% up N
RWY 16: Thld dsplcd 150´. Trees.
RWY 34: Thld dsplcd 500´. Tree.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 16–34 and rotating bcn—CTAF. Rwy 16–34 NSTD LIRL; first 190´ Rwy 16 unlgtd; first 240´ Rwy 34 unlgtd.
AIRPORT REMARKS: Attended Thu–Sun 1300–2300Z‡. Wildlife invof arpt. Glider ops in vicinity of arpt SR–SS daily. Intensive glider activity on weekends. Gldrs only R tfc Rwy 16.
AIRPORT MANAGER: 978-422-8860
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Bradley Apch at 860-386-3597.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (VL) (L) VORW/DME 116.95 GDM Chan 116(Y) N42º32.76´ W72º03.49´ 135º 13.8 NM to fld. 1280/14W.



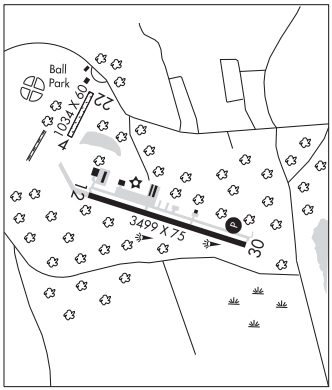
HELIPAD H1: H50X50 (ASPH)

STOW

MINUTE MAN AIR FLD (6B6) 2 N UTC–5(–4DT) N42°27.62′ W71°31.08′ **NEW YORK**
280 B TPA—See Remarks NOTAM FILE BDR **L–33C, 34J**
RWY 03–21: H3110X48 (ASPH) S–12.5 LIRL **IAP**
RWY 03: Trees.
RWY 21: REIL. PAPI(P2L)—GA 3.5° TCH 24′. Trees.
RWY 12–30: 1600X40 (TURF) 0.3% up NW
RWY 12: Trees.
RWY 30: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REIL Rwy 21—CTAF.
NOISE: Noise abatement procedures in effect notify arpt manager 978–897–3933 of intention to opr between 0400–1100Z‡.
AIRPORT REMARKS: Attended 1400–2100Z‡. Before using Rwy 12–30 call arpt mgr to determine rwy conds. Tree obstruction in apch, primary and transition surfaces Rwy 03 and Rwy 12–30. TPA—for light acft 1032′ AGL.
AIRPORT MANAGER: 978-897-3933
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON APP/DEP CON** 124.4
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.
RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.
MANCHESTER (L) DME 114.4 MHT Chan 91 N42°52.11′ W71°22.17′ 195° 25.3 NM to fld. 470.



TAUNTON MUNI/KING FLD (TAN)(KTAN) 3 E UTC–5(–4DT) N41°52.44′ W71°00.91′ **NEW YORK**
41 B NOTAM FILE TAN **L–33D**
RWY 12–30: H3499X75 (ASPH) S–45, D–73, 2D–129 **IAP**
PCR 150 F/B/X/T MIRL
RWY 12: Trees.
RWY 30: REIL. PAPI(P4R)—GA 4.0° TCH 45′. Trees.
RWY 04–22: 1034X60 (TURF–GRVL)
RWY 04: Trees.
RWY 22: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT PAPI Rwy 30; REIL Rwy 30; MIRL Rwy 12–30; windsock—CTAF.
AIRPORT REMARKS: Attended 1100–1900Z‡. Parachute jumping. Caution wildlife, deer and geese on or invof arpt and rwys. Rwy 04–22 surface rough and loose stones. Avoid flying over the elementary school at DER 30. Hel avoid overflight of densely populated areas W and S of arpt.
AIRPORT MANAGER: 508-821-2973
WEATHER DATA SOURCES: ASOS 132.675 (508) 824–5005.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **PROVIDENCE APP/DEP CON** 128.7 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc
BOSTON CENTER APP/DEP CON 124.85
CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.
PROVIDENCE (H) (DH) VORW/DME 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ 078° 20.7 NM to fld. 49/14W.
VOR unusable:
085°–105° byd 12 NM blo 5,500′
085°–105° byd 8 NM blo 3,000′
106°–294° byd 30 NM blo 3,000′
295°–330° byd 30 NM blo 6,000′
331°–084° byd 30 NM blo 3,000′
DME unusable:
085°–105° byd 12 NM blo 5,500′
085°–105° byd 8 NM blo 3,000′
106°–152° byd 11 NM blo 2,000′
106°–152° byd 20 NM blo 4,000′
153°–294° byd 30 NM blo 3,000′
295°–330° byd 30 NM blo 6,000′
331°–084° byd 30 NM blo 3,000′

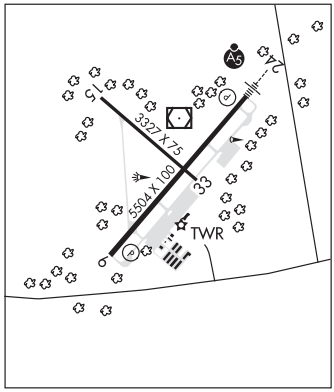


TURNERS FALLS (See MONTAGUE on page 129)

VINEYARD HAVEN

MARTHA'S VINEYARD (MVY)(KMVY) 3 S UTC–5(–4DT) N41°23.61′ W70°36.83′ **NEW YORK**
67 B ARFF Index—See Remarks NOTAM FILE MVY **H–10J, 12K, L–33D**
IAP, AD

RWY 06–24: H5504X100 (ASPH–GRVD) S–65, D–108, 2S–137, 2D–185 PCR 200 F/A/X/T HIRL
RWY 06: REIL. PAPI(P4R)—GA 3.0° TCH 53′. RVR–R Trees.
RWY 24: MALSR. PAPI(P4R)—GA 3.0° TCH 52′. RVR–T Rgt tfc.
RWY 15–33: H3327X75 (ASPH) S–31, D–45, 2D–61 PCR 90 F/A/X/T MIRL 0.3% up NW No Part 121/Part 380 Ops
RWY 15: Trees.
RWY 33: REIL. Trees. Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–5504 TODA–5504 ASDA–5504 LDA–5504
RWY 15: TORA–3327 TODA–3327 ASDA–3327 LDA–3327
RWY 24: TORA–5504 TODA–5504 ASDA–5504 LDA–5504
RWY 33: TORA–3327 TODA–3327 ASDA–3327 LDA–3327

SERVICE: S2 **FUEL** 100LL, JET A **LGT** When ATCT clsd ACTVT MALSR Rwy 24; REIL Rwy 33; HIRL Rwy 06–24; MIRL Rwy 15–33—CTAF.
NOISE: Arpt has noise abatement procs. Ctc opns 508–693–7022. Avoid residental areas SW of arpt.
AIRPORT REMARKS: Attended continuously. Voluntary curfew on arrs and deps btn 0300–1100Z‡. Class I, ARFF Index B. 24 hr PPR for unsked ACR ops with more than 9 pax seats call amgr 508–693–7022. Twy D fm Rwy 06 to Rwy 15 clsd to acft with ovr 9 pax. Hels prohibited fm hover taxi, ldg and tkof fm t–hngrs. Parking fee all acft. Ldg fee all acft over 4000 lbs.
AIRPORT MANAGER: 508-693-7022
WEATHER DATA SOURCES: ASOS 126.25 (508) 696–6988.
COMMUNICATIONS: CTAF 121.4 **ATIS** 126.25 (508) 693–7685 **UNICOM** 122.95
Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 133.75
CLNC DEL 119.7 (When twr clsd)
VINEYARD TOWER 121.4 (May 15–Oct 31 1100–0300Z‡, Nov 1–May 14 1200–2200Z‡)
GND CON 124.35 **CLNC DEL** 124.35
AIRSPACE: CLASS D svc May 15– Oct 31 1100–0300Z‡, Nov 1– May 14 1200–2200Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.
MARTHAS VINEYARD (L) (L) VORW/DME 114.5 MVY Chan 92 N41°23.77′ W70°36.76′ at fld. 62/15W.
ILS/DME 108.7 I–MVY Chan 24 Rwy 24. Class IE. Unmonitored when ATCT clsd. Autopilot cpd apchs NA blw 400′ MSL.

WESTFIELD–BARNES RGNL (See WESTFIELD/SPRINGFIELD on page 139)

WESTFIELD/SPRINGFIELD

WESTFIELD–BARNES RGNL (BAF)(KBAF) P (ANG ARNG) 3 N UTC–5(–4DT) **NEW YORK**
N42°09.48′ W72°42.95′ **H–10I, 11D, 12K, L–33C, 34J**
270 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE BAF **IAP, AD**

RWY 02–20: H9000X150 (ASPH–GRVD) S–75, D–160, 2S–175, 2D–240 PCR 460 R/C/W/T HIRL
RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Trees.
RWY 20: MALSR. PAPI(P4L)—GA 3.0° TCH 50′. RVR–T Trees.
RWY 15–33: H5000X75 (ASPH–GRVD) S–51, D–60, 2D–155 PCR 600 F/A/X/T MIRL 0.3% up NW No Part 121/Part 380 Ops
RWY 15: REIL. PAPI(P4L)—GA 3.5° TCH 41′. Thld dsplcd 490′. Trees.
RWY 33: PAPI(P4L)—GA 4.0° TCH 42′. Trees.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–9000 TODA–9000 ASDA–9000 LDA–9000
RWY 15: TORA–5000 TODA–5000 ASDA–4508 LDA–4510
RWY 20: TORA–9000 TODA–9000 ASDA–8919 LDA–8919
RWY 33: TORA–5000 TODA–5000 ASDA–5000 LDA–5000

ARRESTING GEAR/SYSTEM
RWY 02 BAK–14 BAK–12B(B) (1420 FT). BAK–14 BAK–12B(B) (1450 FT). **RWY 20**

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** When ATCT clsd ACTVT MALSR Rwy 20; REIL Rwy 02; PAPI Rwy 15; HIRL Rwy 02–20; MIRL Rwy 15–33—CTAF. PAPI Rwy 33–consly. Rwy 15 VGSI unusbl byd 4 NM. **MILITARY— A–GEAR** Req thru twr dur twr opr hr, when twr clsd req thru ANG CP, Whip on UHF 309.0. Rwy 02–20, mil acft arst barriers may fail in the up posn. Verify status of barriers prior to ldg. Hvy acft should avoid ldg drctly on arst barrier. Rwy grooving for sfc drainage wi 10 ft N and S of both arst syss. **JASU** 1(MC–1A) 4(MC–2A) 5(M–32A–60A) **FUEL** A, (C413–562–4999, Avbl 1200–0200Z‡; OT PPR 413–627–9901, $75 callout fee) (NC–100LL) **FLUID** SP PRESAIR LPOX LOX **OIL** O–148 (Mil) SOAP

NOISE: Acft and hel noise abatement procs in effect–AMGR.

AIRPORT REMARKS: Attended 1200–0000Z‡. Birds and other wildlife on and invof arpt. Fuel avbl 1200–0000Z‡; svc aft 0000Z‡ PPR 413–485–0078. Severe downdraft AER 33 when wind NW in excess of 15 kts. Twy G clsd to civ ops. Be aware wing tip clearance south runup/D–arm pad twy centerline markings for F–15 acft only. TPA–1300 (1029) lgt acft; 1800 (1529) hvy and mil acft. Expc mil ovhd and clsd pat tfc. PPR 24 hr for ACR ops with more than 9 pax—Amgr. Jet acft starting units avbl. Rwy 02–20 military acft arst barriers may fail in the up position. Sml GA acft should use ctn, spcly at ngt, and if poss cfm the actual sts of the barriers prior to ldg. Rwy 02–20 200 ft ovrn NE end and SW end. Cold temperature airport. Altitude correction required at or below –20C. Ldg fee for coml, corporate; acft ovr 7500 lbs. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 413-572-6275

WEATHER DATA SOURCES: ASOS 127.1 (413) 568–2267. LAWRS.

COMMUNICATIONS: CTAF 125.075 **ATIS** 127.1 413–572–4561

Ⓡ **BRADLEY APP/DEP CON** 125.35 **CLNC DEL** 121.7 (0300–1200Z‡)

WESTFIELD TOWER 125.075 (1200–0300Z‡) **GND CON** 121.7

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Bradley Apch at 860-386-3597.

AIRSPACE: CLASS D svc 1200–0300Z‡; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BAF.

BARNES (VL) (L) VORTACW 113.0 BAF Chan 77 N42º09.72´ W72º42.97´ at fld. 267/14W.

TACAN AZIMUTH unusable:
- 215º–255º byd 35 NM blo 5,000´
- 256º–330º byd 25 NM blo 7,500´

VOR unusable:
- 000º–030º byd 40 NM
- 030º–050º byd 30 NM
- 040º–089º byd 40 NM
- 090º–100º byd 40 NM blo 4,000´
- 090º–100º byd 46 NM
- 101º–112º byd 40 NM blo 18,000´
- 113º–205º byd 40 NM
- 215º–240º byd 40 NM
- 241º–251º byd 40 NM blo 18,000´
- 249º–260º byd 10 NM blo 10,000´
- 252º–360º byd 40 NM
- 310º–340º byd 25 NM blo 6,500´

DME unusable:
- 050º–079º byd 35 NM blo 5,500´
- 080º–090º
- 091º–104º byd 35 NM blo 5,500´
- 105º–125º
- 126º–150º byd 35 blo 5,500´
- 215º–255º byd 35 NM blo 500´
- 256º–330º byd 25 NM blo 7,500´

ILS 111.9 I–BAF Rwy 20. Class IA. Unmonitored when ATCT clsd. LOC unusable byd 25º left and right of course.

WESTOVER ARB/METRO (CEF)(KCEF) MIL/CIV AF 3 NE UTC–5(–4DT) N42°11.64´ W72°32.09´ **NEW YORK H–10I, 11D, 12K, L–33C, 34J DIAP, AD**

241 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE CEF

RWY 05–23: H11597X300 (ASPH) 2S–175, C5–840 PCN 56 R/B/W/T HIRL

RWY 05: ALSF1. PAPI(P4L)—GA 3.0° TCH 72´. RVR–T Thld dsplcd 1202´. Rgt tfc.

RWY 23: ALSF1. PAPI(P4L)—GA 3.0° TCH 64´. RVR–T

RWY 15–33: H7085X150 (ASPH) PCN 28 R/C/W/T HIRL

RWY 15: PAPI(P4L)—GA 3.0° TCH 77´.

RWY 33: PAPI(P4L)—GA 3.0° TCH 75´. RVR–T Rgt tfc.

SERVICE: **FUEL** 100LL, JET A **LGT** When ATCT clsd ACTVT ALSF1 Rwy 05 & 23; PAPI Rwy 05, 15, 23 & 33; HIRL Rwy 05–23 & Rwy 15–33—CTAF. Arpt bcn opr dusk–0400Z‡. Airfield lgts not avbl 0400–1200Z‡. Clear side is split. Dalgt turned on when airfield is IFR. PCL only auth with 5 hr PPR to FBO. Rwy 23 PAPI unusbl byd 6 deg R. PAPI all rwy provides proper TCH for hgt GP4 acft only. PAPI off dur opr hr periods of no tfc. Rwy 05 ALSF–1 SFL portion OTS UFN. **TRAN ALERT** Fleet svc for tran acft unavbl wkend and M–F 2030–0400Z‡ without prior apvl fr AMOPS DSN 589–2951. CTC DSN 589–2951 for availability.

AIRPORT REMARKS: Attended Mon–Fri 1300–0400Z‡, Sat 1400–2200Z‡, Sun 1800–0100Z‡. 100LL: Fuel opr hrs 1200–0400Z‡ wkdays, 1400–2200Z‡ Sat, 1800–0200Z‡ Sun. UTA hrs 1200–2100Z‡ Sat–Sun. If fuel support is needed outside these hours on UTA, req apvl thru AMOPS when acquiring PPR, exc hol. Check NOTAMS for tree obs on apch areas to Rwys 06 and 24. VMC dep acft remain at or blo 1000´ til past dep end of rwy to ensure separation from VFR overhead and clsd pat tfc. Strobe lgt located atop stacks 4000´ left Rwy 23 thld; occasional steam cloud. Uncontrolled vehicle tfc on ramps and twy. Rwy 05–23 1000´ ovrn both ends of rwy. Heavy VFR tfc blo 10,000´ along river and highway 5 NM southwest of afld. Lgt acft tfc, hang glider ops and hot air ballooning activity along river west and northwest of arpt. CEF is a joint–use afld. IFR tkof & ldg as prescribed by USAF reg apply. Civ trng ltd to low apchs only; TGL not auth. TPA rectangular tfc pat: 1000´ AGL lgt acft, 2000´ AGL large/heavy acft; overhead: 2500´ AGL. Rwy 15 wind data est avbl at all times. Rwy 15 no RVR avbl. Assault strip mrk painted 3000 ft x 60 ft on Rwy 15–33. Ldg fee.

MILITARY REMARKS: Opr 1300–0400Z‡ Mon–Fri; 1400–2200Z‡ Sat; 1800–0200Z‡ Sun; clsd hol. Acft on a JA/ATT, JCS, tactical exer, mil chtr mission ctc 439 LRS/LGRDX DSN 589–3318/3125 to coord support rqmnts. LGRDX will arng all rqrd support. SAAM Missions CDN will be with airfield mgr DSN 589–2944. **RSTD** Westover ARB is a joint–use afld. IFR tkf and ldg minimums are prescribed by USAF regulations apply. Call arpt mgr at C413–593–5543 for clarification. PPR DSN 589–2951, C413–557–2951. AMC, AMC–GAINED and AFRC acft opr rstd dur Bird Watch Conditions Moderate (tkf or ldg permissions only when dep/arr rte avoid identified bird activity, no lcl tfc pat activity) and Severe (tkf and ldg prohibited without OG/CC apvl), ctc PTD/ATIS for current Bird Watch Condition Code. Civ trng ltd to low apchs only. Civ pilots are reminded to check mil NOTAMS by visiting the Federal NOTAM System (FNS) Website (https://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/) or contacting flight service. Aft hrs dep/arr 24 hr PPR notice 413–593–5543. **CAUTION** VMC departing acft remain at or blo 1000´ until past departure end of rwy to ensure separation from VFR overhead and clsd pat tfc. Strobe lgt lctd atop stacks 4000´ left Rwy 23 thld, ocnl steam cloud. Unctld vehicular tfc on ramps and twys. Potential for hydroplaning after any precipitation. Ponding at int Rwy 05–23 and Rwy 15–33 measured in 1/10th inches. See NOTAMs for KCEF. Heavy VFR tfc blo 10,000´ along river and highway 5 NM SW afld. Lgt acft tfc, hang glider ops and hot air ballooning activity along river West and NW of arpt. Extv hang glider and glider in the Mt. Greylock area aprx 45 NM NW of fld. Unlighted obst west side Rwy 05 clearance zone. Eastside pad 19, pad 33 and Twy L do not have paved shoulders. **TFC PAT** TPA rectangular lgt acft 1000´, large/heavy acft 2000´, overhead 2500´. **MISC** First 1000´ each end Rwy 05–23 conc and mid 9597´ is asph. **CSTMS/AG/IMG** Pilot must arng cust 860–292–1314.

AIRPORT MANAGER: 413-593-5543

COMMUNICATIONS: CTAF 134.85 **ATIS** 127.525 (1200–0400Z‡) **UNICOM** 122.95 **PTD** 372.2

Ⓡ **BRADLEY APP/DEP CON** 125.35 281.5

TOWER 134.85 348.75 (1200–0400Z‡) **GND CON** 118.35 275.8

COMD POST 439 AW (CASINO ROYALE) 252.1 (Opr 24 hrs)

PMSV METRO 274.75 Full svc 1100–0400Z‡ Mon–Fri; 1100–2200Z‡ Sat; 1500–0200Z‡ Sun; clsd hol; DSN 589–2879, OT ctc 15th OWS DSN 576–9755. Ngt obstn ltd due to hi intst scty lgts. Afld wx is mnt by AN/FMQ–19. Automated obs are qlty ctld for accuracy durg ATC flying hrs.

CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Bradley Apch 860-386-3597.

AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS G.

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RADIO AIDS TO NAVIGATION: NOTAM FILE CEF.

(L) TACAN Chan 87 CEF (114.0) N42°11.85′ W72°31.58′ at fld. 240/14W.
No NOTAM MP 1600–1900Z‡ Wed and Fri
TACAN AZIMUTH unusable:
001°–089° byd 35 NM blo 7,000′
090°–110° blo 8,000′
111°–180° byd 20 NM blo 7,000′
220°–240° byd 24 NM blo 4,000′
305°–320° byd 15 NM blo 4,000′
DME unusable:
001°–089° byd 20 NM blo 7,000′
090°–110° blo 8,000′
111°–180° byd 20 NM blo 7,000′
220°–240° byd 24 NM blo 4,000′
305°–320° byd 15 NM blo 4,000′

BARNES (VL) (L) VORTACW 113.0 BAF Chan 77 N42°09.72′ W72°42.97′ 091° 8.3 NM to fld. 267/14W. NOTAM FILE BAF.
TACAN AZIMUTH unusable:
215°–255° byd 35 NM blo 5,000′
256°–330° byd 25 NM blo 7,500′
VOR unusable:
000°–030° byd 40 NM
030°–050° byd 30 NM
040°–089° byd 40 NM
090°–100° byd 40 NM blo 4,000′
090°–100° byd 46 NM
101°–112° byd 40 NM blo 18,000′
113°–205° byd 40 NM
215°–240° byd 40 NM
241°–251° byd 40 NM blo 18,000′
249°–260° byd 10 NM blo 10,000′
252°–360° byd 40 NM
310°–340° byd 25 NM blo 6,500′
DME unusable:
050°–079° byd 35 NM blo 5,500′
080°–090°
091°–104° byd 35 NM blo 5,500′
105°–125°
126°–150° byd 35 blo 5,500′
215°–255° byd 35 NM blo 500′
256°–330° byd 25 NM blo 7,500′

ILS 109.9 I–GWJ Rwy 05. Class IE. Unmonitored when ATCT clsd. No NOTAM MP 1100–1600Z‡ Mon and Wed.

ILS 109.9 I–CEF Rwy 23. Class IE. Mnt 1200–0400Z‡. No NOTAM MP 1100–1600Z‡ Mon and Wed. Unmonitored when ATCT clsd.

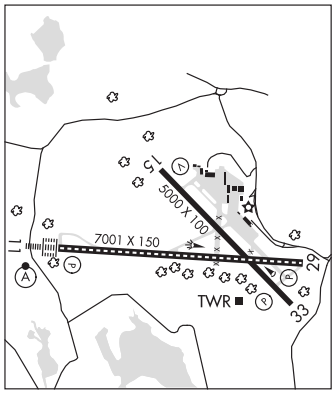
COMM/NAV/WEATHER REMARKS: ATCT ops extns/ireg hrs by NOTAM. ATIS No NOTAM MP Thu 1400–1600Z‡.

WORCESTER RGNL (ORH)(KORH) 3 W UTC–5(–4DT) N42°16.03′ W71°52.54′ **NEW YORK**
1009 B LRA Class I, ARFF Index B NOTAM FILE ORH **H–10I, 11D, 12K, L–33C, 34J**
IAP, AD

RWY 11–29: H7001X150 (ASPH–GRVD) S–120, D–250, 2S–138, 2D–550 PCR 1400 F/D/W/T HIRL CL
RWY 11: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 55′. RVR–TMR Hill.
RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 54′. RVR–TMR
RWY 15–33: H5000X100 (ASPH–GRVD) S–85, D–120, 2S–138, 2D–210 PCR 470 F/D/W/T MIRL
RWY 15: REIL. VASI(V4L)—GA 3.6° TCH 42′. Antenna.
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 40′.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 11: TORA–7001 TODA–7001 ASDA–7001 LDA–7001
RWY 15: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
RWY 29: TORA–7001 TODA–7001 ASDA–7001 LDA–7001
RWY 33: TORA–5000 TODA–5000 ASDA–5000 LDA–5000

ARRESTING GEAR/SYSTEM
RWY 11: EMAS
RWY 29: EMAS



SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 15, 29 and 33; HIRL Rwy 11–29; MIRL Rwy 15–33—CTAF. Rwy 11 ALSF–2 becomes SSALS preset on med intst only when twr clsd. Rwy 15 VASI unubl byd 9° left of crs.

AIRPORT REMARKS: Attended continuously. Wildlife and birds on and invof arpt. Use ctn for arpt vehicles mnt CTAF and operg on arpt durg non twr hrs. Rwy guard lgts installed on all twy to rwy intersections, Rwy 11–29 only. EMAS 170′ wide, 154′ length located at DER 11. EMAS 170′ wide, 300′ length located at DER 29. Ldg fee for multi–eng acft and lrgr. Flight Notification Service (ADCUS) available. 2 hours advance notice for customs.

AIRPORT MANAGER: 508-849-5550

WEATHER DATA SOURCES: ASOS (508) 767–5851

COMMUNICATIONS: CTAF 120.5 **ATIS** 126.55 (508) 757–0962 **UNICOM** 122.95
Ⓡ **BRADLEY APP/DEP CON** 119.0 **CLNC DEL** 119.0 (0200–1130Z‡)
TOWER 120.5 (1130–0200Z‡) **GND CON** 123.85 **CLNC DEL** 128.65

CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Bradley Apch 860-386-3597.

AIRSPACE: CLASS D svc 1130–0200Z‡; other times CLASS E.

VOR TEST FACILITY (VOT) 108.2

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (VL) (L) VORW/DME 116.95 GDM Chan 116(Y) N42°32.76′ W72°03.49′ 168° 18.6 NM to fld. 1280/14W.

ILS/DME 110.9 I–RSR Chan 46 Rwy 11. Class III/E. Unmonitored when ATCT closed. DME unusable byd 12° left of course; byd 13 NM; byd 25° right of course.

ILS/DME 110.9 I–EKW Chan 46 Rwy 29. Class IB. Unmonitored when ATCT clsd. Glideslope unusable for coupled apchs blo 1,266′ MSL. LOC unusable byd 25° left and byd 25° right of course.

COMM/NAV/WEATHER REMARKS: Tsnt acft ctc FBO on 122.95 for svcs.

ALTON BAY SPB & ICE RWY SPB (B18) 2 N UTC–5(–4DT) N43°28.66′ W71°14.22′ **NEW YORK**

504 NOTAM FILE BGR

WATERWAY 01W–19W: 2600X100 (WATER)

WATERWAY 01W: Pole.

SEAPLANE REMARKS: Unattended. Rwy 01W–19W has ice in winter plowed to aprxly 2600′. Ck NOTAMS for ice rwy conds. Tkof and ldg using Rwy 19W prohibited Jan–Mar. Rwy 01W thld aprxly 100 ft NE of floating bandstand. All seaplane tkofs and ldgs must be N of the bandstand. All tvl S of the bandstand must not exceed headway spd. Rwy 01W–19W P–line marked with orange balls 1000′ south of thld at south end, less than 30′ height along roadway. For seaplane prkg and ice rwy conds call 603–271–7398.

AIRPORT MANAGER: 603-545-2315

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch 603-594-5552.

BERLIN RGNL (BML)(KBML) 7 N UTC–5(–4DT) N44°34.52′ W71°10.56′ **MONTREAL**
H–11D, L–32H
IAP

1161 B NOTAM FILE BML

RWY 18–36: H5200X100 (ASPH) S–53, D–82, 2S–104, 2D–140 HIRL 0.5% up N

RWY 18: REIL. PAPI(P4L)—GA 3.5° TCH 65′. Trees.

RWY 36: REIL. Trees.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 18 and 36, PAPI Rwy 18, HIRL Rwy 18–36—CTAF.

AIRPORT REMARKS: Attended 1300–2100Z‡. Wildlife on and invof arpt. Self–serve 100LL avbl 24 hrs with credit card system. For Jet A aft hrs call 603–915–0214. Obstn lgts on ant poles; hazard bcns on surrounding hills. Cold temperature airport. Altitude correction required at or below –28C. Corporate and chtr acft ldg fee for all piston, turboprop and jet acft. Ldg fee waived with fuel purchase and ovngt prkg, corporate and chtr acft ovngt prkg fee. Ctc amgr.

AIRPORT MANAGER: 603-449-2168

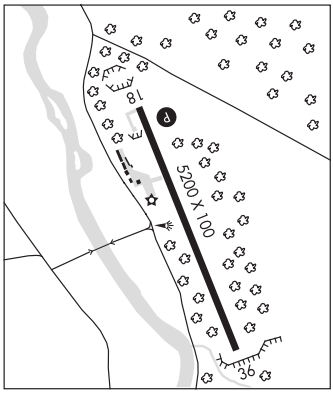
WEATHER DATA SOURCES: ASOS 135.175 (603) 449–3328.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.5 (BANGOR RADIO)

Ⓡ**BOSTON CENTER APP/DEP CON** 135.7

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859.



RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

(DH) DME 116.55 BML Chan 112(Y) N44°38.01′ W71°11.17′ 173° 3.5 NM to fld. 1730.

DME unusable:

080°–125° blo 10,000′

188°–198° blo 10,000′

275°–292° blo 10,000′

BOIRE FLD (See NASHUA on page 153)

BRISTOL

NEWFOUND VALLEY (2N2) 1 W UTC–5(–4DT) N43°35.52′ W71°45.09′ **NEW YORK**

510 NOTAM FILE BGR

RWY 03–21: H1900X40 (ASPH)

RWY 03: Trees.

RWY 21: Trees.

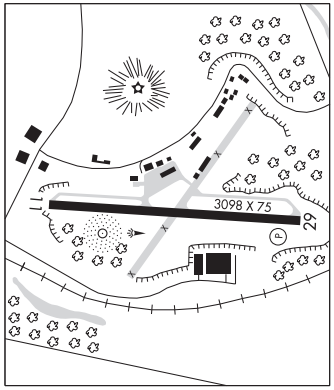
AIRPORT REMARKS: Unattended. Wildlife on & invof arpt. Call amgr in winter for current rwy conds 603–744–8334. Rwy 03 rwy designator unrdbl. Rwy 21 rwy designator and cntrln unrdbl.

AIRPORT MANAGER: 603-744-8334

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

CLAREMONT MUNI (CNH)(KCNH) 1 W UTC–5(–4DT) N43°22.23′ W72°22.09′ **NEW YORK**
543 B NOTAM FILE BGR **L–32G**
RWY 11–29: H3098X75 (ASPH) S–30 PCR 383 F/A/X/T MIRL **IAP**
0.3% up E
RWY 11: Tree.
RWY 29: REIL. PAPI(P2L)—GA 4.0° TCH 31′. Tree.
SERVICE: S2 **FUEL** 100LL **LGT** Rotg bcn dfclt to see fm the N when foliage is on the trees. ACTVT REIL Rwy 29; MIRL Rwy 11–29—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–2100Z‡. For arpt svcs, call 603–542–2282. Wildlife on and invof arpt. Fuel self svc 24 hrs by credit card. Expect downdraft on apch to Rwy 29. Tkof, lndg, and tax on unpaved areas prohibited. Cold temperature airport. Altitude correction required at or below –24C. Haz bcns on surrounding hills.
AIRPORT MANAGER: (603) 542-5156
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **BOSTON CENTER APP/DEP CON** 134.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
NDB (MHW) 233 CNH N43°22.15′ W72°22.27′ at fld. 527/16W.
NDB unusable:
005°–049° byd 20 NM
050°–004° byd 15 NM
LEBANON (L) DME 113.7 LEB Chan 84 N43°40.73′ W72°12.96′ 200° 19.7 NM to fld. 1443. NOTAM FILE LEB.
DME unusable:
045°–075° byd 36 NM blo 10,000′
091°–119° byd 30 NM blo 7,500′
161°–304° byd 30 NM blo 6,300′



COLEBROOK

GIFFORD FLD (4C4) 1 SW UTC–5(–4DT) N44°53.25′ W71°30.46′ **MONTREAL**
1017 NOTAM FILE BGR
RWY 04–22: 2423X60 (TURF) 0.5% up NE
RWY 04: Thld dsplcd 433′. Trees.
RWY 22: Road.
AIRPORT REMARKS: Unattended. Rwy 04–22 CLOSED Nov–May exc ski acft. Call 603–237–4914 for afld conditions. Rwy 04–22 strip soft in spring. DT wet areas all year. Road traverses rwy 425′ from Rwy 04 thld. Rwy 04 edges and ends marked with yellow cones. Rwy 04 dsplcd thld marked with three yellow cones aligned perpendicular to each rwy edge. 7′ crops immediately west of rwy dur summer. Rwy 22 edges and ends marked with yellow cones.
AIRPORT MANAGER: 603 237-4914
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

CONCORD MUNI (CON)(KCON) P (ARNG) 2 E UTC–5(–4DT) N43°12.16′ W71°30.14′ **NEW YORK**
342 B NOTAM FILE CON **H–11D, 12K, L–32H**
RWY 17–35: H6005X100 (ASPH) S–43, D–60 HIRL **IAP, AD**
RWY 17: PAPI(P4L)—GA 3.0° TCH 50′. Thld dsplcd 641′. Tree.
RWY 35: MALSR. VASI(V4L)—GA 3.0° TCH 50′. Trees.
RWY 12–30: H3200X75 (ASPH) S–30 MIRL
RWY 12: Antenna.
RWY 30: Ground.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MALSR Rwy 35, HIRL Rwy 17–35, MIRL Rwy 12–30—CTAF. **MILITARY— FUEL** J8(Mil)–PPR (NC–100LL – Avbl H24 with credit card; A – Avbl 1230–2200Z‡, OT fone C603–228–2267 and flw prompts.)
AIRPORT REMARKS: Attended 1200–2200Z‡, exc Thanksgiving, Christmas, and New Years Day. Wildlife on and invof arpt. Hvy hel act 1 NM ESE of arpt 800 ft & blw. Self serve 100LL avbl 24 hrs with credit card. For Jet A aft hrs call 603–228–2267 & flw prompts. Rwy 35 designated calm wind rwy. Day & ngt VFR hel ops to & fm New Hampshire State Police hngr. Ops on National Guard twy & ramp prohibited wo prior cdn due to scty. Mil twy & ramp PCN R/A/W/T. Ops off paved sfcs prohibited due to conservation mgmt acts. Compass rose calibrated 2014.
AIRPORT MANAGER: 603-228-2267
WEATHER DATA SOURCES: ASOS 132.325 (603) 451–1106.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **BOSTON APP/DEP CON** 127.35
CLNC DEL 133.65
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.
(L) (L) VORW/DME 112.9 CON Chan 76 N43°13.19′ W71°34.53′ 123° 3.4 NM to fld. 715/15W.
VOR unusable:
022°–032° byd 20 NM blo 8,000′
190°–210° byd 12 NM blo 4,000′
318°–326° byd 30 NM blo 12,000′
DME unusable:
022°–032° byd 20 NM blo 8,000′
082°–110° byd 30 NM blo 5,000′
190°–210° byd 12 NM blo 4,000′
290°–300° byd 30 NM blo 7,000′
318°–326° byd 30 NM blo 12,000′
EPSOM NDB (LOM) 216 CO N43°07.13′ W71°27.16′ 353° 5.5 NM to fld. NDB unusable byd 20 NM.
ILS 108.7 I–CON Rwy 35. Class IA. LOM EPSOM NDB. NDB unusable byd 20 NM.

DEAN MEML (See HAVERHILL on page 148)

DILLANT/HOPKINS (See KEENE on page 149)

EPSOM N43°07.13′ W71°27.15′ NOTAM FILE CON. **NEW YORK**
NDB (MHW/LOM) 216 CO 353° 5.5 NM to Concord Muni. 355/16W. **L–32H, 33D**
NDB unusable:
Byd 20 NM

ERROL (ERR)(KERR) 1 NW UTC–5(–4DT) N44°47.53′ W71°09.87′ **MONTREAL**
1248 TPA—2048(800) NOTAM FILE BGR
RWY 15–33: 3600X60 (GRVL) 0.3% up SE
RWY 15: Trees.
RWY 33: Trees.
AIRPORT REMARKS: Unattended. For arpt information and conditions, call 603–482–3320. Wildlife on and invof arpt. Regular construction vehicle tfc on roadway at Rwy 33 end. 1:1 clearance slope. Rwy 15–33: Rwy soft in spring. Lrg patches of grass on rwy.
AIRPORT MANAGER: 603-616-8602
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
• • • • • • • • • • • • • • • • • • •
HELIPAD H1: H61X61 (ASPH)
HELIPAD H1: Trees.
HELIPORT REMARKS: ACTIVATE helipad flood lgt and lighted windcone—CTAF.

FRANCONIA (1B5) 2 S UTC–5(–4DT) N44°11.76′ W71°45.04′ **MONTREAL**
975 NOTAM FILE BGR
RWY 18–36: 2300X150 (TURF) 0.9% up S
RWY 18: Trees.
RWY 36: Trees. Rgt tfc.
NOISE: Tkofs and ldgs not adzd fm dusk to 1400Z‡ for voluntary noise abatement.
AIRPORT REMARKS: Attended May–Oct Sat–Sun 1400–2300Z‡. Also atndd on wkday hols. Ctc amgr for non–hol wkday atndnc. Wildlife on and invof arpt. Glider opr invof arpt. For arpt conditions call 603–823–5034. Rwy soft in spring. First 200 ft of Rwy 18 rough. Avoid flying over residential area at departure end Rwy 18 during both takeoff and landing, avoid low alt and/or high power settings in this area. 4′ tall fence 92′ fm Rwy 36 L to R of cntrln. Rwy 36 Rgt tfc: L pat for gldrs. In case of emergency ctc New Hampshire State Police 800–525–5555.
AIRPORT MANAGER: 603-921-1588
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

GIFFORD FLD (See COLEBROOK on page 145)

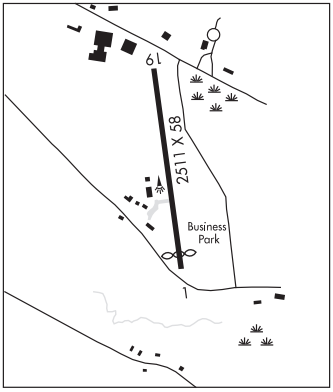
GORHAM (2G8) 1 NW UTC–5(–4DT) N44°23.61′ W71°11.89′ **MONTREAL**
835 NOTAM FILE BGR
RWY 12–30: 2828X60 (TURF) 1.2% up SE
RWY 12: Thld dsplcd 250′. Trees.
RWY 30: Thld dsplcd 250′. Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED Nov 1–May 15. Otr times ck NOTAMS or durg nml bus hrs only call 603–466–3302, lve fone nr and exp rtrn call for FICON. Wildlife on and invof arpt. Rflg and maint of acft is prohibited. Arpt oprd and maint by Town of Gorham Water and Sewer Dept. AER 30 soft in spring/heavy rains. Rwy sfc rolling and uneven. Rwy 12–30 edges and ends mkd by yellow cones. Camping prohibited on arpt.
AIRPORT MANAGER: 603-466-5065
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

HAMPTON AIRFIELD (7B3) 2 N UTC–5(–4DT) N42°57.68′ W70°49.81′ **NEW YORK**
93 NOTAM FILE BGR
RWY 02–20: H2105X121 (ASPH–TURF) LIRL(NSTD) 0.3% up N
RWY 02: Trees.
RWY 20: Thld dsplcd 212′.
SERVICE: S3 **FUEL** 100LL, MOGAS **LGT** Rwy 02–20 NSTD LIRL. CTC AMGR at 603–817–6617 for activation instructions.
AIRPORT REMARKS: Attended 1300–2100Z‡, exc Thanksgiving and Christmas. Wildlife on and invof arpt. Self–svc 100LL and MOGAS avbl 24 hrs via credit card. Caution: short and soft fld ops. For short fld trng or info pls ctc amgr 603–817–6617. Extensive student pilot and training ops at arpt. Parallel rwy ops not permitted. Pilot will designate and make radio call to adz turf or grass ldg/tkof. Numerous NORDO acft opr at arpt. Road at Rwy 20 thld with moderate vehicle tfc. Rwy 02–20 2105 ft X 46 ft asph on W portion, 2105 ft X 75 ft on E portion. Rwy 20 NSTD dthr; sngl red/green lgt each side. Thr siting sfc 10:1 slp.
AIRPORT MANAGER: 603-964-6749
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

HANOVER N43°42.14′ W72°10.65′ NOTAM FILE LEB. **NEW YORK**
NDB (MHW) 276 LAH 245° 7.2 NM to Lebanon Muni. 1190/15W. **L–32H**
NDB unusable:
Byd 20 NM

HAVERHILL

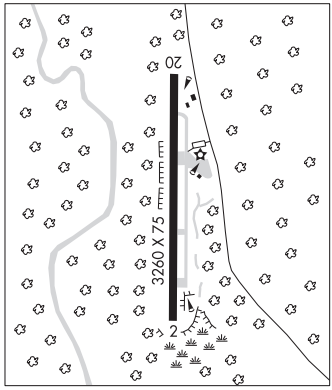
DEAN MEML (5B9) 3 NE UTC–5(–4DT) N44°04.81′ W72°00.47′ **MONTREAL**
582 NOTAM FILE BGR **L–32H**
RWY 01–19: H2511X58 (ASPH) S–8.5 LIRL(NSTD) 1.4% up S **IAP**
RWY 01: Thld dsplcd 185′. Trees.
RWY 19: Pole.
SERVICE: **FUEL** 100LL **LGT** ACTVT LIRL Rwy 01–19 and windsock—CTAF. Rwy 01–19 nstd spacing, first 185′ Rwy 01 unlgtd.
AIRPORT REMARKS: Attended Saturday 1400–1700Z‡. VFR ops only. For winter conds call 603–346–0445 24 hrs bfr use. Fuel avbl 24 hrs. Cold temperature airport. Altitude correction required at or below –27C.
AIRPORT MANAGER: 603-346-0445
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 135.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (VL) (DH) VORW/DME 116.9 MPV Chan 116
N44°05.13′ W72°26.96′ 107° 19.1 NM to fld. 2086/16W.
VOR unusable:
010°–020° byd 25 NM blo 7,500′
015°–031° byd 40 NM
032°–042° byd 40 NM blo 5,000′
032°–042° byd 65 NM
043°–060° byd 40 NM
043°–070° byd 40 NM blo 9,100′
045°–060° byd 24 NM blo 8,500′
170°–182° byd 40 NM
210°–275° byd 40 NM
DME unusable:
043°–070° byd 40 NM
045°–060° byd 24 NM blo 8,500′



HAWTHORNE–FEATHER AIRPARK (See HILLSBORO on page 148)

HILLSBORO

HAWTHORNE–FEATHER AIRPARK (8B1) 3 S UTC–5(–4DT) N43°03.68′ W71°54.32′ **NEW YORK**
600 B NOTAM FILE BGR **L–32H, 33B**
RWY 02–20: H3260X75 (ASPH) S–8 MIRL
RWY 02: Trees.
RWY 20: Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. Wildlife on & invof arpt. Rwy 02 markings faded and non–std. Rwy 20 markings faded.
AIRPORT MANAGER: 603-827-4733
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.
CONCORD (L) (L) VORW/DME 112.9 CON Chan 76 N43°13.19′ W71°34.53′ 252° 17.3 NM to fld. 715/15W.
VOR unusable:
022°–032° byd 20 NM blo 8,000′
190°–210° byd 12 NM blo 4,000′
318°–326° byd 30 NM blo 12,000′
DME unusable:
022°–032° byd 20 NM blo 8,000′
082°–110° byd 30 NM blo 5,000′
190°–210° byd 12 NM blo 4,000′
290°–300° byd 30 NM blo 7,000′
318°–326° byd 30 NM blo 12,000′



JAFFREY AIRFIELD SILVER RANCH (AFN)(KAFN) 1 SE UTC–5(–4DT) N42°48.31′ W72°00.18′ **NEW YORK L–32G, 33C IAP**

1040 NOTAM FILE AFN

RWY 16–34: H2982X134 (ASPH–TURF) S–8 LIRL 0.9% up N

RWY 16: Trees.

RWY 34: Thld dsplcd 582′. Trees.

SERVICE: S2 **FUEL** 100LL **LGT** First 582′ Rwy 34 not lgtd. PPR for nstd LIRL call 603–532–8870.

AIRPORT REMARKS: Attended 1300Z‡–dusk. Wildlife on and invof arpt. Ultralight act on arpt. Rwy 16–34 touch and go ldgs prohibited. Rwy 16–34 50′ cntr ptn of entr rwy is asph, rmng 42′ per side is turf/grvl for entr rwy len. Parl twy serves hngr/ramp only—no aces to Rwy 34. Calm wind rwy is Rwy 34. Rwy 34 nstd cntrln and dthr.

AIRPORT MANAGER: 603-532-8870

WEATHER DATA SOURCES: ASOS 135.875 (603) 532–6195.

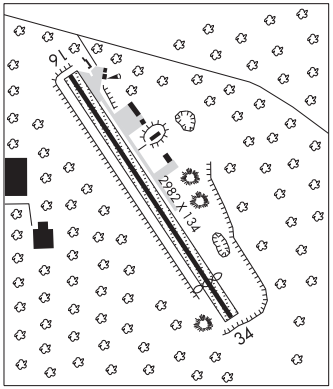
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 123.75

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (VL) (L) VORW/DME 116.95 GDM Chan 116(Y) N42°32.76′ W72°03.49′ 023° 15.7 NM to fld. 1280/14W.



KEENE

DILLANT/HOPKINS (EEN)(KEEN) P (ANG) 2 S UTC–5(–4DT) N42°53.90′ W72°16.25′ **NEW YORK H–11D, 12K, L–32G, 33C IAP, AD**

488 B NOTAM FILE EEN

RWY 02–20: H6201X100 (ASPH) D–60 PCN 40 F/C/X/T HIRL

RWY 02: MALSR. PAPI(P4L)—GA 3.0° TCH 39′. Tree.

RWY 20: PAPI(P4L)—GA 3.0° TCH 50′. Trees.

RWY 14–32: H4001X75 (ASPH) S–25 PCN 8 F/C/X/T MIRL 0.3% up SE

RWY 14: REIL. Trees.

RWY 32: REIL. Thld dsplcd 1100′. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** PAPI Rwy 20 OTS indefly. ACTVT MALSR Rwy 02; HIRL Rwy 02–20 and MIRL Rwy 14–32—CTAF. **MILITARY— FUEL** (NC–100LL – Avbl H24 with credit card; A – After hr fone C603–357–7600.)

NOISE: Noise abatement proc: hel tfc avoid residential areas drctly N of Rwy 02–20 and SW of arpt. Hel tfc limit mult clsd pat ops.

AIRPORT REMARKS: Attended Mon–Fri 1200–0000Z‡, Sat–Sun 1200–2200Z‡. Wildlife on and invof arpt. 100LL avbl 24 hrs with credit card. For jet fuel aft hrs call 603–357–7600. Grass areas not mntnd for tkofs and ldgs. No eng run–ups on trml NW apn. Ldg fee for all turbine powered acft. Cold temperature airport. Altitude correction required at or below –20C.

AIRPORT MANAGER: 603-357-9835

WEATHER DATA SOURCES: AWOS–3PT 119.025 (603) 358–6424.

COMMUNICATIONS: CTAF/UNICOM 123.0

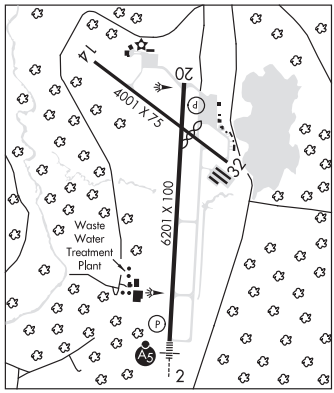
Ⓡ **BOSTON CENTER APP/DEP CON** 123.75

CLNC DEL 121.6

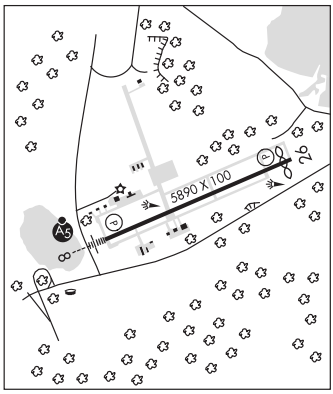
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

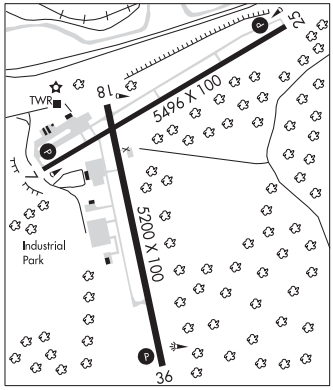
ILS 108.9 I–EEN Rwy 02. Class IA. Localizer unusable 25° right of course.



LACONIA MUNI (LCI)(KLCI) 3 NE UTC–5(–4DT) N43°34.38′ W71°25.07′
545 B NOTAM FILE LCI
RWY 08–26: H5890X100 (ASPH–GRVD) S–85, D–110, 2D–175
PCN 35 F/D/X/T HIRL 0.5% UP W
RWY 08: MALSR. PAPI(P4L)—GA 3.0° TCH 44′. Trees.
RWY 26: REIL. PAPI(P4R)—GA 4.0° TCH 55′. Thld dsplcd 244′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 08: TORA–5890 TODA–5890 ASDA–5646 LDA–5646
RWY 26: TORA–5890 TODA–5890 ASDA–5530 LDA–5286
SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 1, 2, 3, 4 **LGT** ACTVT MALSR Rwy 08; REIL Rwy 26; HIRL Rwy 08–26; windsock lgts—CTAF. Rwy 26 PAPI unusbl byd 6 degs L of cntrln.
NOISE: Voluntary noise abatement proc: avoid overflying Varney Point 1NM NE of arpt. See Laconia Arpt Website for dtls.
AIRPORT REMARKS: Attended May–Oct 1200–0000Z‡, Nov–Apr 1300–2300Z‡. Wildlife on and invof arpt. 100LL avbl 24 hrs with credit card. For Jet A after hrs call FBOs. Twy A clsd to acft with wingspans gtr than 49 ft. Ctn: Locke′s Hill 500 ft trrn mkd with 2 red bcns, 1.2 NM E of arpt. Ctn: Rising trrn 5000 ft S of arpt. Rwy 26 dsgnd calm wind rwy.
AIRPORT MANAGER: 603-524-5003
WEATHER DATA SOURCES: AWOS–3PT 133.525 (603) 524–5134.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BOSTON APP/DEP CON** 134.75
CLNC DEL 119.85
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.
CONCORD (L) (L) VORW/DME 112.9 CON Chan 76 N43°13.19′ W71°34.53′ 033° 22.3 NM to fld. 715/15W.
VOR unusable:
022°–032° byd 20 NM blo 8,000′
190°–210° byd 12 NM blo 4,000′
318°–326° byd 30 NM blo 12,000′
DME unusable:
022°–032° byd 20 NM blo 8,000′
082°–110° byd 30 NM blo 5,000′
190°–210° byd 12 NM blo 4,000′
290°–300° byd 30 NM blo 7,000′
318°–326° byd 30 NM blo 12,000′
ILS/DME 108.5 I–LCI Chan 22 Rwy 08. Class IB. DME unusable byd 25° right of course.



LEBANON MUNI (LEB)(KLEB) 3 W UTC–5(–4DT) N43°37.57′ W72°18.25′ **NEW YORK**
603 B NOTAM FILE LEB **H–11D, 12K, L–32G**
RWY 07–25: H5496X100 (ASPH–GRVD) S–42, D–60 MIRL **IAP, AD**
RWY 07: REIL. PAPI(P4L)—GA 4.0° TCH 50′. Tree.
RWY 25: REIL. PAPI(P4R)—GA 4.0° TCH 51′. Tree.
RWY 18–36: H5200X100 (ASPH–GRVD) S–42, D–48 HIRL
0.8% up S
RWY 18: REIL. Trees.
RWY 36: PAPI(P4L)—GA 3.75° TCH 34′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** ACTVT REIL Rwy 07 & 25; PAPI Rwy 07, 25 and 36; MIRL Rwy 07–25; HIRL Rwy 18–36—CTAF.
NOISE: Noise abatement procedures in effect, ctc arpt manager. All arrival/departure acft follow manufacturer′s recommended procedure for quiet opn and minimum noise.
AIRPORT REMARKS: Attended 1100–0300Z‡. Ocnl wildlife act on and nr arpt. Hang glider ops invof Mt. Ascutney, VT, 20 mi SW LEB sfc–8000′ days. For Jet A after hrs call 603–298–6555. No practice low apch or touch and go ldg 0500–1200Z‡. Hot air balloon act 8.6 NM W of arpt. Trees 5600 ft E of arpt, elev 1253 ft; trees 6700 ft E of arpt, elev 1275 ft; trees indcd are obstn lgtd. Cold temperature airport. Altitude correction required at or below –19C. Ldg fees except for non–commercial single engine.

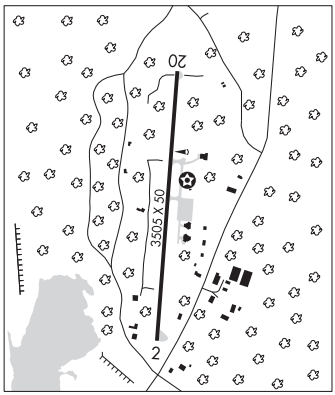


AIRPORT MANAGER: 603-298-8878
WEATHER DATA SOURCES: ASOS 118.65 (603) 298–8780. LAWRS.
COMMUNICATIONS: CTAF 125.95 **ATIS** 118.65 **UNICOM** 122.95
Ⓡ **BOSTON CENTER APP/DEP CON** 134.7
TOWER 125.95 (1100–0300Z‡) **GND CON** 121.6
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Boston ARTCC at 603-879-6859.
AIRSPACE: CLASS D svc 1100–0300Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.
HANOVER NDB (MHW) 276 LAH N43°42.14′ W72°10.65′ 245° 7.2 NM to fld. 1190/15W.
NDB unusable:
Byd 20 NM
(L) DME 113.7 LEB Chan 84 N43°40.73′ W72°12.96′ 231° 5.0 NM to fld. 1443.
DME unusable:
045°–075° byd 36 NM blo 10,000′
091°–119° byd 30 NM blo 7,500′
161°–304° byd 30 NM blo 6,300′
ILS/DME 111.9 I–DVR Chan 56 Rwy 18. LOC unusable byd 20° left of course; byd 20° r of course; inside .5 NM inbd. DME unusable byd 30° left of course; byd 30° r of course.
COMM/NAV/WEATHER REMARKS: 121.5 not avbl at twr.

MAHN N44°21.74′ W71°41.15′ NOTAM FILE HIE. **MONTREAL**
NDB (MHW) 386 GMA 104° 6.0 NM to Mount Washington Rgnl. 1425/17W. NDB unmonitored. **L–32H**
NDB unusable:
Byd 15 NM blo 9,000′

MANCHESTER BOSTON RGNL (MHT)(KMHT) 3 S UTC–5(–4DT) N42°55.97′ W71°26.15′ **NEW YORK**
266 B Class I, ARFF Index C NOTAM FILE MHT **H–11D, 12K, L–32H, 33D**
RWY 17–35: H9250X150 (ASPH–GRVD) S–200, D–300, 2S–175, 2D–350 PCR 700 F/C/X/T **IAP, AD**
HIRL CL
RWY 17: MALSR. TDZL. PAPI(P4R)—GA 3.1° TCH 67′. RVR–TMR Thld dsplcd 336′. Pole. 0.3% up.
RWY 35: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 68′. RVR–TMR Thld dsplcd 850′. Bldg. 0.8% down.
RWY 06–24: H7651X150 (ASPH–GRVD) S–200, D–300, 2S–175, 2D–350 PCR 700 F/C/X/T HIRL CL 0.3% up NE
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 50′. RVR–TR Thld dsplcd 442′. Trees.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 50′. RVR–TR Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–7650 TODA–7650 ASDA–7650 LDA–7208
RWY 17: TORA–9250 TODA–9250 ASDA–9250 LDA–8914
RWY 24: TORA–7650 TODA–7650 ASDA–6850 LDA–6850
RWY 35: TORA–9250 TODA–9250 ASDA–8500 LDA–7650
ARRESTING GEAR/SYSTEM
RWY 06: EMAS
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** Rwy 06 PAPI unusbl byd 6 degs R of cntrln.
NOISE: Noise abatement procedures: turbojet acft should expect a right turn when departing Rwy 17.
AIRPORT REMARKS: Attended continuously. No touch and go ldgs permitted during snow removal opns. SAID in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Twy A safety area S of Twy E to Twy A2 is 65 ft. Jet acft taxiing wb acrs Rwy 17–35 at Twy E must use ctn and low settings due to lgt acft prkg on the E ramp. No taxiing between pushed back acft and the airline terminal or cargo ramps. East ramp S 500 ft clsd. Air carrier acft only permitted to opr on airline terminal ramp. Air carriers excluded from operating on Twy L. Acft with wingspan greater than 124 ft rstd from Twy G and Twy N. AMMON ramp rstd to acft with wingspan less than 118′. Acft are req to maintain taxilane centerline to avoid parked general aviation acft tiedowns. Acft with wingspan 118′ or greater req ground crew assistance for taxi and parking. Rwy 10 mkg NSTD number only, no cntrln. Rwy 28 mkg NSTD number only, no cntrln, thld bar, or arrow heads. Lndg fee. User fee arpt.
AIRPORT MANAGER: 603-624-6539
WEATHER DATA SOURCES: ASOS 119.55 (603) 626–6902. LAWRS.
COMMUNICATIONS: ATIS 119.55 603–626–6902 **UNICOM** 122.95
Ⓡ **BOSTON APP/DEP CON** 124.9
TOWER 121.3 **GND CON** 121.9 **CLNC DEL** 135.9
AIRSPACE: CLASS C svc ctc **APP CON**.
RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.
(L) DME 114.4 MHT Chan 91 N42°52.11′ W71°22.17′ 323° 4.8 NM to fld. 470.
EPSOM NDB (MHW/LOM) 216 CO N43°07.13′ W71°27.15′ 192° 11.2 NM to fld. 355/16W. NOTAM FILE CON.
NDB unusable:
Byd 20 NM
ILS 109.95 I–MJE Rwy 06. Class IT.
ILS/DME 109.1 I–MNA Chan 28 Rwy 17. Class IE. DME also serves Rwy 35. DME unusable 10° right of course
ILS/DME 109.1 I–MHT Chan 28 Rwy 35. Class IIIE. DME also serves Rwy 17. DME unusable byd 30° left of course.

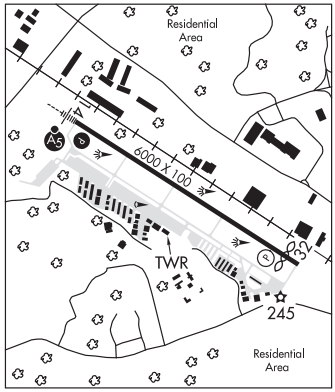
MOULTONBOROUGH (4MB) 1 NE UTC–5(–4DT) N43°46.05′ W71°23.26′ **NEW YORK**
576 B NOTAM FILE BGR **L–32H**
RWY 02–20: H3505X50 (ASPH) S–8 RWY LGTS(NSTD)
RWY 02: Trees.
RWY 20: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT rotg bcn—CTAF. 5 clicks on, 3 clicks off. ACTVT non–std LIRL Rwy 02–20—CTAF. 5 clicks on, 3 clicks off. Rwy 02–20 non–std LIRL, lgts are 4 ft high. Lgtd only btn dthrs, vrb spacing, 2890 ft of rwy lgtd. Wind indcr cont lgtd dusk–dawn.
AIRPORT REMARKS: Attended May–Oct Mon–Fri ireg, Sat–Sun ireg. Oct–May by appointment. Wildlife on & invof arpt. Overfly rwy to check for wildlife. VFR only. Nmrs non–radio equipped acft oprg fm airfld. Rwy 02 pline mkrs faded. 24 hr self svc fuel avbl with credit card. Rwy 02 designated calm wind rwy. Rwy end 02 dthr area markings non–std size & spacing. Rwy 02–20 non–std cntrln size & spacing. Dthr not mkd. Float plane access to and fm Berry Pond.
AIRPORT MANAGER: 508-479-8301
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-8659.



MOUNT WASHINGTON RGNL (See WHITEFIELD on page 156)

NASHUA

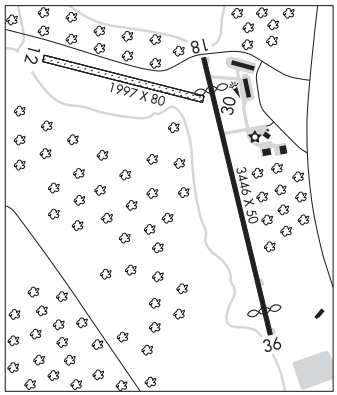
BOIRE FLD (ASH)(KASH) 3 NW UTC–5(–4DT) N42°46.94′ W71°30.85′ **NEW YORK**
200 B NOTAM FILE ASH **H–11D, 12K, L–33C**
RWY 14–32: H6000X100 (ASPH–GRVD) S–62, D–80, 2S–102, 2D–133 HIRL **IAP, AD**
RWY 14: MALSR. PAPI(P4R)—GA 3.0° TCH 45′. Pole.
RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Thld dsplcd 350′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 14: TORA–6000 TODA–6000 ASDA–5650 LDA–5650
RWY 32: TORA–6000 TODA–6000 ASDA–6000 LDA–5650
SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 1, 2, 3, 4 **LGT** When twr clsd ACTVT MALSR Rwy 14; REIL Rwy 32; PAPI Rwy 14; HIRL Rwy 14–32—CTAF.
NOISE: Arpt has voluntary noise abatement procedures. Ctc arpt manager for details.
AIRPORT REMARKS: Attended 1200–0200Z‡. Migratory birds and wildlife on and invof arpt. Ramp btn Twy D & Twy E clsd to acft with wingspan gtr than 48 ft unless auzd by ATCT. Ldg fee for acft ovr 12,500 lbs, fee per 1000 lbs.
AIRPORT MANAGER: 603-882-0661
WEATHER DATA SOURCES: AWOS–3PT 125.1 (603) 578–0473.
COMMUNICATIONS: CTAF 133.2 **ATIS** 125.1
Ⓡ**BOSTON APP/DEP CON** 124.9
NASHUA TOWER 133.2 (1200–0200Z‡) **GND CON** 121.8 **CLNC DEL** 121.8
AIRSPACE: CLASS D svc 1200–0200Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.
LAWRENCE (L) DME 112.5 LWM Chan 72 N42°44.43′ W71°05.69′ 278° 18.7 NM to fld. 306.
DME unusable:
160°–195° byd 23 NM blo 2,500′
ILS 109.7 I–ASH Rwy 14. Class IA. Glideslope unusable byd 4 ° left of course. Unmonitored when ATCT clsd.



NEWFOUND VALLEY (See BRISTOL on page 144)

NEWPORT

PARLIN FLD (2B3) 2 N UTC–5(–4DT) N43°23.23′ W72°11.26′ **NEW YORK**
784 B NOTAM FILE BGR **L–32G**
RWY 18–36: H3446X50 (ASPH) S–12 LIRL 0.4% up N **IAP**
RWY 18: Thld dsplcd 400′. Rgt tfc.
RWY 36: Thld dsplcd 300′. Trees.
RWY 12–30: 1997X80 (TURF) 0.4% up SE
RWY 12: Trees. Rgt tfc.
RWY 30: Trees.
SERVICE: S4 **FUEL** 100LL **OX** 1, 2, 3, 4 **LGT** Rotating bcn OTS indef.
NOISE: Noise abatement procedures in effect. Avoid noise sensitive area 3000′ northwest of arpt. Ctc arpt manager at 978–886–0854.
AIRPORT REMARKS: Attended irregularly. Wildlife on and invof arpt. Self svc fuel avbl 24 hrs with credit card. Rwy 12–30 CLOSED Nov 15 to May 1. P–line marked with orange balls at arpt boundary 900′ from AER 30. Rwy 18, Mt 981′ MSL 2500′ from thld, 600′ R. Rwy 18–36 nstd for spacing. Rwy 18 end indicators nstd reflector bars.
AIRPORT MANAGER: 978-886-0854
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**BOSTON CENTER APP/DEP CON** 134.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.
LEBANON (L) DME 113.7 LEB Chan 84 N43°40.73′ W72°12.96′ 176° 17.5 NM to fld. 1443.
DME unusable:
045°–075° byd 36 NM blo 10,000′
091°–119° byd 30 NM blo 7,500′
161°–304° byd 30 NM blo 6,300′



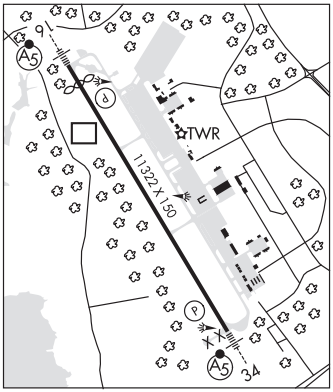
PARLIN FLD (See NEWPORT on page 153)

PEASE N43°05.07′ W70°49.92′ NOTAM FILE PSM. **NEW YORK**
H–11D, 12K, L–32H, 33D

(L) DME 116.5 PSM Chan 112 at Portsmouth Intl at Pease. 108.
DME unusable:
029°–071° byd 35 NM blo 2,500′
080°–085° byd 35 NM blo 2,500′
115°–120° byd 37 NM blo 2,500′
190°–205° byd 35 NM blo 2,500′
225°–240° byd 25 NM blo 2,500′

PLYMOUTH MUNI (1P1) 3 NW UTC–5(–4DT) N43°46.70′ W71°45.23′ **NEW YORK**
506 NOTAM FILE BGR
RWY 12–30: 2347X90 (TURF)
RWY 12: Road.
RWY 30: Thld dsplcd 298′. Road.
AIRPORT REMARKS: Attended irregularly, call 603–536–5818. Wildlife on and invof arpt. Ultralight and paraglider act on and invof arpt. Rwy 12–30 strip soft in spring, not maintained in winter but open to ski craft. Please call ahead. Nmrs non–radio equipment acft operating fm arpt. Hvy pwrd prcht and wt shift ctl acft act only in R tfc blw 400′ AGL for Rwy 12. 1161′ MSL mountain 1.5 NM N of Rwy 30 L of cntrln. Rwy 12–30 edges and ends mkd by yellow cones. Rwy 12 & 30 dthrs mkd by two yellow cones aligned perpendicular to each rwy edge. +3′ drainage swales lctd 15′ from rwy edge, both sides of rwy bgng at midfield then W for 700′.
AIRPORT MANAGER: 603-536-5818
WEATHER DATA SOURCES: AWOS–3 118.45 (603) 536–1698.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

PORTSMOUTH INTL AT PEASE (PSM)(KPSM) P (ANG) 1 W UTC–5(–4DT) N43°04.68′ **NEW YORK**
W70°49.40′ **H–11D, 12K, L–32H, 33D**
100 B TPA—See Remarks LRA Class I, ARFF Index B NOTAM FILE PSM **IAP, AD**
RWY 16–34: H11322X150 (ASPH–CONC–GRVD) S–120, D–250, 2D–550, 2D/2D2–1120 PCR 430 F/A/X/T HIRL
RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 72′. RVR–T Thld dsplcd 803′. Trees. Rgt tfc. 0.3% down.
RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 80′. RVR–T
RUNWAY DECLARED DISTANCE INFORMATION
RWY 16: TORA–11321 TODA–11321 ASDA–11321 LDA–10518
RWY 34: TORA–11321 TODA–11321 ASDA–11321 LDA–11321
SERVICE: S4 **FUEL** 100LL, JET A, J8 **OX** 3, 4 **JASU** (A/M 32A–86) 9(AM32–95) 5(MA–1A) **FUEL** J8(Mil) (avbl at ANG 603–430–2459) A, A+ (C603–812–5502; overnight C603–812–5502) (NC–100LL) **FLUID** PRESAIR De–Ice LHOX **OIL** O–148 SOAP; RQR 48 HR processing time. **TRAN ALERT** Maint and parts support extremely ltd. No drag chute repack. Nml hr 1200–2100Z‡ Mon–Fri, exc hol.



NOISE: Noise sensitive areas off both end of rwy. Avoid close in base legs/short apchs. On dep maintain rwy hdg to 1100′ MSL or the end of the rwy (whichever occurs last) prior to turning.
AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Turbulence AER 34 in strong cross winds. 200′ blast pad each rwy end. Rwy 34 is preferred when tail wind component is less than 5 kts. Rwy 16 is preferred for tkf btn 0300–1159Z‡, when tail wind component is 5 kts or less. All inbnd acft with hazardous cargo info call twr 60 NM out. Customs 24x7x365 customs clearing availability. Stnd ofc hrs Mon–Fri 1400–2130Z‡. Customs must be arranged in advance at 603–422–0910. Intl arr must arrange for gnd handling prior to arr. FBO 603–430–1111/128.825 ARINC. No practice low apch or touch and go ldg 0400–1200Z‡ for lcl based acft and 0200–1200Z‡ for tran acft or before 1700Z‡ Sun for all acft. Dur snow removal ops PPR 15 minutes on 128.4 and no practice low apch or touch and go ldg. On other than a published IAP arr acft should establish themselves on final apch at least 2 NM from the rwy thld at a minimum of 700′ MSL. Littlebrook Airpark lctd 052° 4.4 NM, TPA—1130′ MSL. Fly downwind leg no closer than 1/2 mile from rwy. Rectangular TPA—1600(1500), overhead TPA—2100(2000), lgt acft 1100(1000). Rwy 16 fst 600′ conc–grooved. No 180° turns for acft over 12,500 lbs GWT on asph portion of Rwy 16–34. Rwy 16–34 double faced distance markers both sides of rwy at 1000′ intervals. Rwy 16–34 edge lgts are 24" tall, 85′ from cntrln. Caution: Height group 1 WCH 54′. Index E ARFF capability avbl 24/7. 157 ARW is fully opr KC46 Base.
AIRPORT MANAGER: 603-766-9238

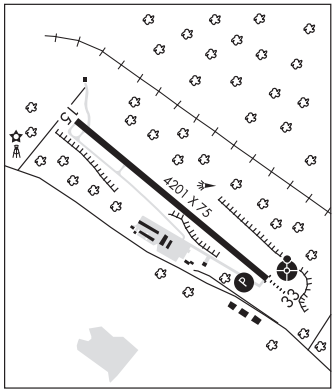
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COMMUNICATIONS: ATIS 132.05 603–334–6070 **UNICOM** 122.95
Ⓡ**BOSTON APP/DEP CON** 125.05
TOWER 128.4 **GND CON** 120.95
AIRSPACE: CLASS D.
RADIO AIDS TO NAVIGATION: NOTAM FILE PSM.
PEASE (L) DME 116.5 PSM Chan 112 N43º05.07´ W70º49.92´ at fld. 108.
DME unusable:
029º–071º byd 35 NM blo 2,500´
080º–085º byd 35 NM blo 2,500´
115º–120º byd 37 NM blo 2,500´
190º–205º byd 35 NM blo 2,500´
225º–240º byd 25 NM blo 2,500´
ILS 110.1 I–PGQ Rwy 16. Class IA.
ILS 110.1 I–PSM Rwy 34. Class IB.
ASR/PAR

ROCHESTER

SKYHAVEN (DAW)(KDAW) 3 SE UTC–5(–4DT) N43º17.05´ W70º55.77´ **NEW YORK**
322 B TPA—1122(800) NOTAM FILE DAW **L–32H**
RWY 15–33: H4201X75 (ASPH) S–30 MIRL 0.5% up SE **IAP**
RWY 15: REIL. Trees.
RWY 33: ODALS. PAPI(P4L)—GA 3.0º TCH 43´. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** Bcn lctd 3000 ft NW of arpt. ACTVT ODALS Rwy 33; REIL Rwy 15; PAPI Rwy 33; MIRL Rwy 15–33; wind cone lgt—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1230–2100Z‡, exc hols. Deer on & invof arpt aft SS. Ultralight; antique & non–radio tfc in good wx. Self svc 100LL avbl 24 hrs with credit card. Rwy 33 dsgnd calm wind rwy.
AIRPORT MANAGER: 603-766-9238
WEATHER DATA SOURCES: ASOS 135.275 (603) 332–7814.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**BOSTON APP/DEP CON** 125.05
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
ROLLINS NDB (MHW) 260 ESG N43º13.21´
W70º49.70´ 327º 5.9 NM to fld. 72/16W.



ROLLINS N43º13.21´ W70º49.70´ NOTAM FILE BGR. **NEW YORK**
NDB (MHW) 260 ESG 168º 5.2 NM to Seacoast Airfield. 72/16W. **L–32H, 33D**

SKYHAVEN (See ROCHESTER on page 155)

TWIN MOUNTAIN (8B2) 1 SW UTC–5(–4DT) N44°15.84′ W71°32.80′ **MONTREAL L–32H**
1459 NOTAM FILE BGR
RWY 09–27: H2660X60 (ASPH) S–8.5 LIRL
RWY 09: Trees.
RWY 27: Trees.
AIRPORT REMARKS: Attended irregularly. Nov–Mar unattended. Arpt not plowed in winter. For information call 603–846–5505. Wildlife on and invof arpt. Acft are requested to stay on paved surfaces only. Rwy 09–27 cntr 30 ft of rwy good cond. Outer 15 ft of rwy in fair cond.
AIRPORT MANAGER: 603-325-5420
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (VL) (DH) VORW/DME 116.9 MPV Chan 116 N44°05.13′ W72°26.96′ 090° 40.4 NM to fld. 2086/16W.
VOR unusable:
010°–020° byd 25 NM blo 7,500′
015°–031° byd 40 NM
032°–042° byd 40 NM blo 5,000′
032°–042° byd 65 NM
043°–060° byd 40 NM
043°–070° byd 40 NM blo 9,100′
045°–060° byd 24 NM blo 8,500′
170°–182° byd 40 NM
210°–275° byd 40 NM
DME unusable:
043°–070° byd 40 NM
045°–060° byd 24 NM blo 8,500′

WHITEFIELD

MOUNT WASHINGTON RGNL (HIE)(KHIE) 3 E UTC–5(–4DT) N44°22.05′ W71°32.75′ **MONTREAL L–32H IAP**
1072 B TPA—2072(1000) NOTAM FILE HIE
RWY 10–28: H4001X75 (ASPH) S–30 MIRL 0.6% up E
RWY 10: REIL. PAPI(P4L)—GA 3.5° TCH 45′.
RWY 28: REIL. Trees. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 10 and Rwy 28; PAPI Rwy 10; MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended irregularly. Wildlife on and invof arpt. Arpt conds not rglrly mnt. 100LL self svc avbl 24 hrs with credit card. Cold temperature airport. Altitude correction required at or below –28C. Rwy 28 trans line across apch 20:1+ and marked with day glow balls. Rising trrn lctd 3NM SE of arpt.
AIRPORT MANAGER: 603-837-9532
WEATHER DATA SOURCES: ASOS 118.525 (603) 837–2769.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 135.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (VL) (DH) VORW/DME 116.9 MPV Chan 116 N44°05.13′ W72°26.96′ 082° 42.5 NM to fld. 2086/16W.
VOR unusable:
010°–020° byd 25 NM blo 7,500′
015°–031° byd 40 NM
032°–042° byd 40 NM blo 5,000′
032°–042° byd 65 NM
043°–060° byd 40 NM
043°–070° byd 40 NM blo 9,100′
045°–060° byd 24 NM blo 8,500′
170°–182° byd 40 NM
210°–275° byd 40 NM
DME unusable:
043°–070° byd 40 NM
045°–060° byd 24 NM blo 8,500′
MAHN NDB (MHW) 386 GMA N44°21.74′ W71°41.15′ 104° 6.0 NM to fld. 1425/17W. NOTAM FILE HIE. NDB unmonitored.
NDB unusable:
Byd 15 NM blo 9,000′

AEROFLEX/ANDOVER (See ANDOVER on page 157)

ALEXANDRIA (See PITTSTOWN on page 174)

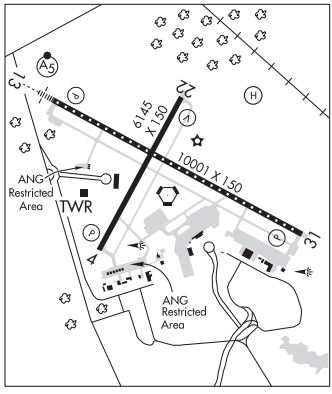
ANDOVER

AEROFLEX/ANDOVER (12N) 3 N UTC–5(–4DT) N41°00.52′ W74°44.28′ **NEW YORK**
583 B NOTAM FILE 12N **L–33A, 34H**
RWY 03–21: H1981X50 (ASPH) MIRL **IAP**
RWY 03: Trees. Rgt tfc.
RWY 21: Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 03–21—CTAF.
NOISE: Noise abatement procedures in effect. Ctc amgr 973–786–6350.
AIRPORT REMARKS: Attended Tues–Sun 1400–2200Z‡. Deer and birds on and invof arpt. Parallel turf rwy restricted use only. No touch and go ldgs. PPR required for night transients ctc amgr 973–786–5100. Avoid overflying Lake Lenape while on downwind. Arpt rstd to apch Category A acft only. Rwy 03–21 lakes at both apch ends. Dirt svc road to trml area in front of Rwy 03 thld.
AIRPORT MANAGER: 973-786-6350
WEATHER DATA SOURCES: ASOS (609) 325–2295
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**NEWARK APP/DEP CON** 123.775
CLEARANCE DELIVERY PHONE: For CD ctc Newark Apch at 800-645-3206.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
STILLWATER (L) (L) VORW/DME 109.6 STW Chan 33 N40°59.75′ W74°52.14′ 094° 6.0 NM to fld. 920/11W.
DME unusable:
089°–099° within 12 NM blo 10,000′
210°–320° byd 30 NM blo 4,000′

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HELIPAD H1: H20X15 (ASPH)
HELIPAD H2: H20X15 (ASPH)

ATLANTIC CITY INTL (ACY)(KACY) P (ANG) 9 NW UTC–5(–4DT) N39°27.45′ W74°34.63′ **WASHINGTON**
75 B Class I, ARFF Index C NOTAM FILE ACY **H–10I, 12J, L–34G**
RWY 13–31: H10001X150 (ASPH–GRVD) S–120, D–250, 2S–152, 2D–550, 2D/2D2–1120 PCR 601 F/A/X/T HIRL CL **IAP, AD**
RWY 13: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71′. RVR–TR Tree.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 69′. RVR–TR Tree.
RWY 04–22: H6145X150 (ASPH–CONC–GRVD) S–120, D–161, 2S–175, 2D–278, 2D/2D2–682 PCR 480 R/B/W/T HIRL
RWY 04: PAPI(P4L)—GA 3.0° TCH 50′. Tree.
RWY 22: VASI(V4L)—GA 3.0° TCH 51′. Tree.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 04	13–31	3550
RWY 13	04–22	3600
RWY 31	04–22	5750

RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–6145 TODA–6145 ASDA–6145 LDA–6145
RWY 13: TORA–10001 TODA–10001 ASDA–10001 LDA–10001
RWY 22: TORA–6145 TODA–6145 ASDA–6145 LDA–6145
RWY 31: TORA–10001 TODA–10001 ASDA–10001 LDA–10001
ARRESTING GEAR/SYSTEM
RWY 13 BAK–14 BAK–12B (B) (1600') BAK–14 BAK–12B (B) (1600')
RWY 31
SERVICE: S3 **FUEL** 100LL, JET A, A++ **OX** 3 **MILITARY— A–GEAR** Avoid centerline lgt dur cable engagement to prevent tailhook bounce. **FUEL** A++(MIL) (NC–100LL, A) **OIL** JOAP(Mil) **TRAN ALERT** Ltd maint and prk.
NOISE: Noise abatement procs in efct ctc arpt opns at 609–645–7895 extn 4702.

CONTINUED ON NEXT PAGE

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AIRPORT REMARKS: Attended continuously. No trng flts 0400–1200Z‡. A–Gear Rwy 31 located 1600´ from thld, ctc twr for ops. Avoid centerline lights during cable engagement to prevent tailhook bounce. Fox and birds on and invof arpt. Pilots conducting EFVS ops; be aware LED ALS in use Rwy 13. Twy C clsd to dual tandem and double tandem equipped acft. Experimental heliport located on N side of arpt rstd to use of FAA project acft only. ANG arm/dearm pads for mil use only. High per mil acft operating at arpt. For itinerant mil acft ops PPR ctc arpt ops 609–645–7895 ext 4702. FAA apron PPR call 609–485–6482. De–icing pad for de–icing ops only. Exe ctc arpt ops 609–645–7895 ext 4702. US Customs user fee arpt. Customs avbl Mon–Fri 1300–2200Z‡. Provide minimum 24 hr advance notice to arrange for Customs. All calls to Customs Mon–Fri 1300–2200Z‡, phone 609–484–1610. U.S. Customs fax 609–484–614. Ldg fee.

MILITARY REMARKS: ANG BASH Phase II in efct Apr—Oct ctc Base Ops on 261.0 or 140.7 for current BASH cond. ANG Apron PPR, ctc ANG base ops C609–761–6009, fax C609–761–6484, comd post C609–761–6001. Ltd tran svc avbl 1100–2030Z‡ Tue–Fri, clsd Sat–Mon and hol. Nstd mark on ANG ramp, blue lines delineate F–16 wing tip clnc, yellow lines at hangar doors for personnel clear zone.

AIRPORT MANAGER: 609-645-7895

WEATHER DATA SOURCES: ASOS (609) 277–2644

COMMUNICATIONS: ATIS 125.725 (609–485–4444)

Ⓡ **APP/DEP CON** 134.25 (310°–129°) 124.6 (130°–309°)

TOWER 120.3 **GND CON** 121.9 **CLNC DEL** 127.85

ANG OPS 140.7

AIRSPACE: CLASS C svc ctc **APP CON**.

RADIO AIDS TO NAVIGATION: NOTAM FILE ACY.

(VL) (H) VORTACW 117.15 ACY Chan 118(Y) N39°27.35´ W74°34.58´ at fld. 67/10W.

DME unusable:
270°–290° byd 10 NM
305°–340° byd 20 NM blo 1,900´

VOR unusable:
135°–140° byd 40 NM
160°–240° byd 40 NM
241°–251° byd 41 NM
252°–260° byd 40 NM
270°–290° byd 10 NM
291°–304° byd 40 NM
305°–340°
341°–070° byd 40 NM

TACAN AZIMUTH unusable:
270°–290° byd 10NM
305°–340° byd 20 NM blo 1,900´

ILS/DME 109.1 I–PVO Chan 28 Rwy 13. Class IT.

ILS/DME 109.1 I–ACY Chan 28 Rwy 31. Class IE.

COMM/NAV/WEATHER REMARKS: Durg ATC zero events, CTAF 120.3.

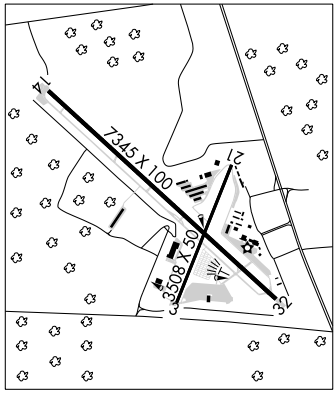
• • • • • • • • • • • • • • • • • • •

HELIPAD H1: H102X102 (ASPH)

HELIPORT REMARKS: Rwy H1 Pvt–Experimental use only. Ctc FAA Tech Center at 609–485–6675.

BELMAR/FARMINGDALE

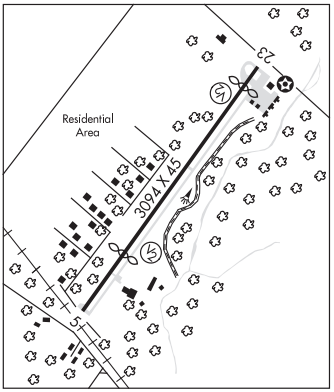
MONMOUTH EXEC (BLM)(KBLM) 5 W UTC–5(–4DT) N40°11.21´ W74°07.47´ **NEW YORK**
153 B NOTAM FILE BLM **H–10I, 12J, L–34H**
RWY 14–32: H7345X100 (ASPH) MIRL(NSTD) 0.6% up SE **IAP**
RWY 14: REIL. Trees.
RWY 32: Trees.
RWY 03–21: H3508X50 (ASPH)
RWY 03: Trees.
RWY 21: Tree.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** Rwy 14–32 nstd MIRLs; Rwy 32 thld lgts nstd.
AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. Self svc 100LL avbl 24 hrs. Jet A avbl 24 hrs. Rwy 03–21 clsd to acft over 12500 lbs. No helicopter activity northeast of Rwy 14. Helicopter instruction by pre–arrangement only 732–938–4800. All tsnt acft must go to FBO on west side of arpt. Rwy 14–32 nstd twy separation 185´. Berm 36´ high, north Rwy 14–32 65´ from centerline. No touch and go ldgs Fri, Sat, Sun. Twys nstd markings, rwy hold markings on twys nstd placement. Twy lines do not ensure wingtip/rotor clnc at NW end of parallel twy. Ldg fee.



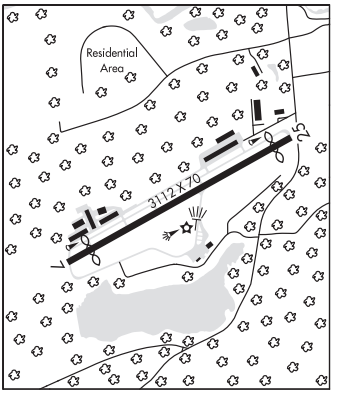
AIRPORT MANAGER: 732-751-0044
WEATHER DATA SOURCES: AWOS–3PT 121.625 (732) 938–3330.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **MC GUIRE APP/DEP CON** 126.475
CLNC DEL 126.15
CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch via freq, if una call 609-754-2767.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
COLTS NECK (L) (L) VORW/DME 115.4 COL Chan 101 N40°18.70´ W74°09.58´ 179° 7.7 NM to fld. 129/11W.
VOR portion unusable:
031°–179° byd 15 NM blo 6,000´
230°–240° byd 18 NM
241°–329° byd 15 NM blo 3,000´
351°–030° byd 30 NM blo 3,000´
Byd 30 NM blo 6,000´
DME portion unusable:
230°–240° byd 18 NM
ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14´ W74°29.70´ 103° 17.1 NM to fld. 248/10W.
TACAN AZIMUTH unusable:
105°–115° byd 30 NM
DME unusable:
075°–115° byd 25 NM
130°–160° byd 30 NM blo 4,000´

BERLIN

PINE VALLEY (19N) 1 SW UTC–5(–4DT) N39°46.71′ W74°56.87′ **WASHINGTON**
150 B NOTAM FILE MIV **L–34G, A**
RWY 05–23: H3094X45 (ASPH) MIRL 0.3% up SW **IAP**
RWY 05: REIL. PVASI(PSIR)—GA 4.0° TCH 23′. Thld dsplcd 740′. Trees.
RWY 23: REIL. PVASI(PSIR)—GA 4.0° TCH 40′. Thld dsplcd 239′. Trees.
SERVICE: S4 **FUEL** JET A **LGT** Rwy 05 VGSI OTS indef. Rwy 23 VGSI OTS indef. ACTVT REIL Rwy 05–23; MIRL Rwy 05–23—CTAF. ACTVT rotg bcn—CTAF.
AIRPORT REMARKS: Attended 1400–2000Z‡. Unattended Christmas and New Years Day. Deer and geese on and invof arpt. Trees along NW side of Rwy 05–23. Non–standard rwy and twy lgt spacing. Twy lines and rwy hold lns very faded. Rwy 05–23 lrg longl crack in mid of rwy.
AIRPORT MANAGER: 856-767-1233
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **MC GUIRE APP/DEP CON** 126.475
CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 014° 14.5 NM to fld. 120/10W.



BLAIRSTOWN (1N7) 2 SW UTC–5(–4DT) N40°58.27′ W74°59.85′ **NEW YORK**
372 B NOTAM FILE MIV **L–33A, 34H**
RWY 07–25: H3112X70 (ASPH) MIRL **IAP**
RWY 07: Thld dsplcd 318′. Trees.
RWY 25: Thld dsplcd 235′. Trees.
SERVICE: S4 **FUEL** 100LL **OX** 2
AIRPORT REMARKS: Attended 1200–2300Z‡. Gliders and tow airplanes opr from turf area just south of Rwy 07–25. 24 hr self svc fuel. Hill east of arpt may require pilots execute steep apch to Rwy 25.
AIRPORT MANAGER: 908-362-8965
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **NEWARK APP/DEP CON** 123.775 (EAST)
Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (WEST)
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
STILLWATER (L) (L) VORW/DME 109.6 STW Chan 33 N40°59.75′ W74°52.14′ 267° 6.0 NM to fld. 920/11W.
DME unusable:
089°–099° within 12 NM blo 10,000′
210°–320° byd 30 NM blo 4,000′



BRIDGETON

BUCKS (ØØN) 3 NE UTC–5(–4DT) N39°28.42′ W75°11.07′ **WASHINGTON**
108 NOTAM FILE MIV
RWY 18–36: 2420X150 (TURF) LIRL(NSTD) 0.4% up N
RWY 18: Tree.
RWY 36: Tree.
SERVICE: S2 **FUEL** 100LL **LGT** ACTVT LIRL Rwy 18–36—CTAF. NSTD lgt config.
AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt.
AIRPORT MANAGER: 609-805-0408
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

BROADWAY N40°47.93′ W74°49.33′ NOTAM FILE MIV. NEW YORK H–10I, L–33A, 34H

(L) (L) VORW/DME 114.2 BWZ Chan 89 157° 12.5 NM to Somerset. 1053/11W.
VOR portion unusable:
125°–180° byd 15 NM blo 5,000′
125°–240° blo 3,000′
180°–210° byd 15 NM
210°–235° byd 15 NM blo 5,000′
DME portion unusable:
297°–307° byd 20 NM blo 6,000′
297°–307° byd 32 NM blo 8,000′

BUCKS (See BRIDGETON on page 160)

CALDWELL

ESSEX CO (CDW)(KCDW) 2 N UTC–5(–4DT) N40°52.51′ W74°16.88′ NEW YORK COPTER L–33A, 34H IAP, AD
172 B TPA—See Remarks NOTAM FILE CDW
RWY 04–22: H4552X80 (ASPH–GRVD) S–30 HIRL
RWY 04: REIL. Thld dsplcd 375′. Tree.
RWY 22: REIL. PAPI(P4R)—GA 3.1° TCH 58′. Thld dsplcd 135′. Trees. Rgt tfc.
RWY 10–28: H3719X75 (ASPH) S–30 MIRL
RWY 10: Thld dsplcd 344′. Tree.
RWY 28: Thld dsplcd 550′. Tree. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–4552 TODA–4552 ASDA–4351 LDA–3977
RWY 10: TORA–3719 TODA–3719 ASDA–3519 LDA–2822
RWY 22: TORA–4552 TODA–4552 ASDA–4436 LDA–4042
RWY 28: TORA–3719 TODA–3719 ASDA–3438 LDA–2822
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** When ATCT clsd, PAPI Rwy 22; HIRL 04–22; MIRL Rwy 10–28 opr consly. HIRL Rwy 04–22; MIRL Rwy 10–28 preset to low intst. To incrs intst and ACTVT REIL Rwy 04 and Rwy 22—CTAF. Rwy 22 PAPI unusable byd 5° right of centerline due to obstruction.
NOISE: Non–standard traffic patterns for Rwy 04 prohibited due to noise sensitive area southwest of the airport.
AIRPORT REMARKS: Attended 1200–0400Z‡. Local ops suspended Mon–Sat 0400–1200Z‡ and 0400Z‡ Sat–1500Z‡ Sun. Deer and birds on and invof arpt. Touch and go ldgs ltd to based acft only. TPA for large and turbojet acft 1699(1527), light acft 1199(1027). Fixed wing VFR acft dep: Rwy 04–fly rwy hdg for 1 mi, then turn crosswind if remaining in the tfc pat. If departing the tfc pat, cont on rwy hdg til reaching tfc pat alt. Fixed wing VFR acft dep: Rwy 10–fly hdg 080 deg at rwy dep end. Upon reaching 900 ft MSL, turn crosswind if remaining in the tfc pat; if departing the tfc pat, cont on hdg 080 deg til reaching tfc pat alt. Fixed wing VFR acft dep: Rwy 22 fly rwy hdg til reaching 900 ft MSL then turn crosswind if remaining in the tfc pat. If departing the tfc pat, cont on rwy hdg til reaching tfc pat alt. Fixed wing VFR acft dep: Rwy 28 fly rwy hdg for 1 mi then turn crosswind if remaining in the tfc pat. If departing the tfc pat, cont on rwy hdg til reaching tfc pat alt. Rotocraft: If psbl, cross the arpt bdry at or abv 700 ft MSL. Pilots be alert–the Morristown ILS and GPS Rwy 23 approaches transit Essex Co Arpt Class D asp. Tfc passes two mi west of the arpt descending through 2000 ft MSL. Eng run–ups on Twy N at AER 28 shd be conducted to lmt efct to acft parked on RN Ramp. Ldg fee for all tran acft. NOTE: See Special Notices—Arrival Alert.
AIRPORT MANAGER: 973-227-4567
WEATHER DATA SOURCES: ASOS 135.5 (631) 594–4523.
COMMUNICATIONS: CTAF 119.8 **ATIS** 135.5 (631)–594–4523 **UNICOM** 122.95
Ⓡ **NEWARK APP CON** 127.6
CALDWELL TOWER 119.8 (1200–0400Z‡) **GND CON** 121.9 **CLNC DEL** 121.1
Ⓡ **NEWARK DEP CON** 119.2
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Newark Apch at 800-645-3206.
AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.
TETERBORO (T) (T) VORW/DME 108.4 TEB Chan 21 N40°50.92′ W74°03.73′ 290° 10.1 NM to fld. 8/11W.
DME unusable:
060°–080° byd 22 NM blo 2,500′
081°–120° blo 4,000′
121°–180° blo 3,000′
236°–246°
VOR unusable:
081°–120° blo 4,000′
121°–180° blo 3,000′
236°–246°
LOC 109.35 I–CDW Rwy 22.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

CAPE MAY CO (See WILDWOOD on page 185)

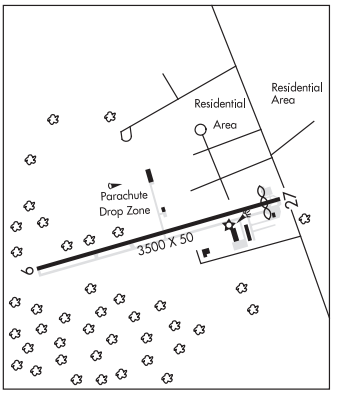
CEDAR LAKE N39°32.26′ W74°58.03′ NOTAM FILE MIV. **WASHINGTON**
(L) (L) VORW/DME 115.2 VCN Chan 99 267° 3.8 NM to Kroelinger. 120/10W. **H–10I, L–34G, A**

CENTRAL JERSEY RGNL (See MANVILLE on page 167)

COLTS NECK N40°18.70′ W74°09.58′ NOTAM FILE MIV. **NEW YORK**
(L) (L) VORW/DME 115.4 COL Chan 101 179° 7.7 NM to Monmouth Exec. 129/11W. **H–10I, L–34H**
VOR portion unusable:
031°–179° byd 15 NM blo 6,000′
230°–240° byd 18 NM
241°–329° byd 15 NM blo 3,000′
351°–030° byd 30 NM blo 3,000′
Byd 30 NM blo 6,000′
DME portion unusable:
230°–240° byd 18 NM

COYLE N39°49.04′ W74°25.90′ NOTAM FILE MIV. **WASHINGTON**
(H) (H) VORTACW 113.4 CYN Chan 81 054° 9.1 NM to Ocean Co. 203/10W. **H–10I, L–34G**
VOR unusable:
044°–054° blo 3,800′

CROSS KEYS (17N) 1 S UTC–5(–4DT) N39°42.33′ W75°01.98′ **WASHINGTON**
162 B TPA—1000(838) NOTAM FILE MIV **L–34G, A**
RWY 09–27: H3500X50 (ASPH) S–13 RWY LGTS(NSTD) 0.7% up E **IAP**
RWY 09: Trees. Rgt tfc.
RWY 27: Thld dsplcd 200′. Tree.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** Rotating bcn opr SS–SR. Rwy 09–27 LIRL lgt spacing NSTD.
AIRPORT REMARKS: Attended 1400–2100Z‡ exc Wed. Wed unattended. Arpt unattended Thanksgiving, Christmas, New Year′s Day and Easter. Parachute Jumping. Due to parachute drop zone on north side of arpt, all tfc is to remain south of Rwy 09–27. Deer and birds on and invof arpt. Rwy 27 dsplcd thld marked with lgts.
AIRPORT MANAGER: 856-629-3033
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PHILADELPHIA APP/DEP CON** 127.35 133.875
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
WOODSTOWN (L) (L) VORTACW 112.8 OOD Chan 75 N39°38.16′ W75°18.18′ 082° 13.2 NM to fld. 147/10W.
VOR unusable:
039°–041° byd 20 NM blo 2,500′
090°–105°
159°–190°
DME unusable:
045°–065° byd 20 NM blo 2,500′
090°–105°



EAGLES NEST (See WEST CREEK on page 183)

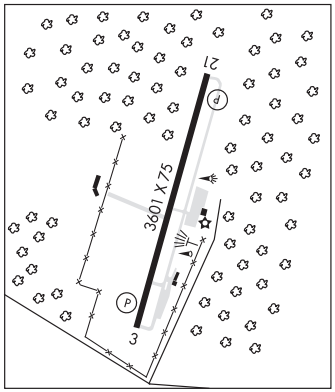
ESSEX CO (See CALDWELL on page 161)

FLYING W (See LUMBERTON on page 166)

GREENWOOD LAKE (See WEST MILFORD on page 184)

HACKETTSTOWN (NØ5) 3 SW UTC–5(–4DT) N40°49.21′ W74°51.31′ **NEW YORK**
670 NOTAM FILE MIV
RWY 05–23: H2200X50 (ASPH) S–5
RWY 05: Tree.
RWY 23: Tree.
SERVICE: S2 **FUEL** 100LL
AIRPORT REMARKS: Attended 1300–2300Z‡. Deer and birds on and invof arpt. No ngt opns.
AIRPORT MANAGER: 908-303-8016
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Newark Apch at 800-645-3206.

HAMMONTON MUNI (N81) 3 NE UTC–5(–4DT) N39°40.05′ W74°45.46′ **WASHINGTON**
65 B NOTAM FILE MIV **L–34G, A**
RWY 03–21: H3601X75 (ASPH) S–12 MIRL **IAP**
RWY 03: REIL. PAPI(P2L)—GA 3.5° TCH 25′. Trees.
RWY 21: REIL. PAPI(P2L)—GA 3.25° TCH 20′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 03 and Rwy 21; MIRL Rwy 03–21—123.5. VGSI continuous.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Deer and birds on and invof arpt. On arpt maint ctc 609–567–5300. Rwy 03; parallel ditch first 500′ of rwy rgt side within 100′ of centerline.
AIRPORT MANAGER: (609) 567-4300
WEATHER DATA SOURCES: AWOS–AV 122.7.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **ATLANTIC CITY APP/DEP CON** 134.25
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 061° 12.4 NM to fld. 120/10W.
COMM/NAV/WEATHER REMARKS: Automated UNICOM; 3 clicks wx adzy. GCO avbl on freq 121.725.



JOBSTOWN

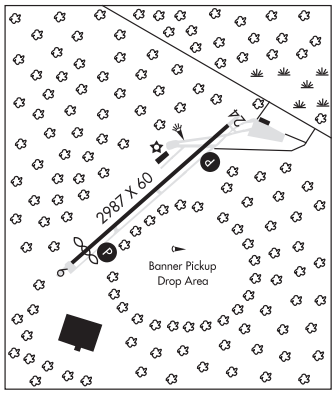
REDWING (2N6) 1 S UTC–5(–4DT) N40°01.63′ W74°41.45′ **NEW YORK**
78 NOTAM FILE MIV
RWY 06–24: 1830X50 (TURF)
RWY 06: Trees.
RWY 24: Road.
RWY 11–29: 1590X70 (TURF) RWY LGTS(NSTD) 0.3% up E
RWY 11: Trees. Rgt tfc.
RWY 29: Tree.
SERVICE: **LGT** Nstd ltg Rwy 11–29 OTS indefly. Rwy 11–29 lgts inop.
AIRPORT REMARKS: Attended irregularly. Deer and birds on and invof arpt. Tsnt acft call amgr 609–915–8281 for aces.
AIRPORT MANAGER: 609-915-1280
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.

JOINT BASE MC GUIRE DIX LAKEHURST (See MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) on page 167)

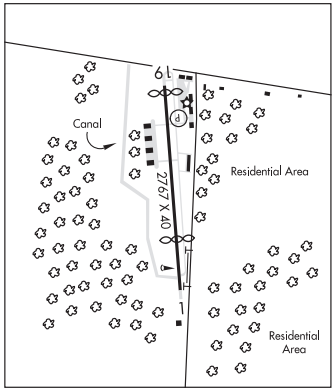
KROELINGER (See VINELAND on page 183)

LAKEHURST MAXFIELD FLD (NEL)(KNEL) N (A) 3 W UTC–5(–4DT) N40°02.15′ W74°21.08′ **NEW YORK**
101 B LRA NOTAM FILE MIV Not insp. **H–10I, 12J, L–34G**
RWY 06–24: H5002X150 (ASPH) PCN 21 F/A/W/T HIRL **DIAP, AD**
RWY 24: MALS. PAPI(P4L)—GA 3.0° TCH 52′. Rgt tfc.
RWY 15–33: H5001X150 (ASPH) PCN 13 F/B/W/T
RWY 15: Rgt tfc.
RWY 063–243: H3500X90 (CONC) PCN PCN/54/R/B/W/T
SERVICE: **MILITARY— LGT** Rotg bcn 110 deg 2 NM fm arpt. PCL–127.775, key 3 times for LIRL, 5 times for MIRL, 7 times for HIRL. MALSR are on same key code. ACTVT Rwy 06–24 PCL on 127.775 when oper IAW UAO MOU. **FUEL** A++ (Mil) Avbl 1230–2330Z‡. **TRAN ALERT** Svc avbl 1230–2330Z‡ Mon–Fri. Advs prk Navy or Army line.
MILITARY REMARKS: Opr 1300–0100Z‡ Mon–Fri. Ext hr 0100–0500Z‡ Mon–Thu for sked acft Assault Landing Zone (ALZ) Night Vision Device (NVD) and lcl NJ ANG/USMC ops only. OT by NOTAM. ALZ extended hrs for scheduled acft only. ALZ must be scheduled by the flt crew at least 1 duty day prior to msn execution. Clsd Sat, Sun and federal hols, except for scheduled UTA trng. No acft opr will be apv outside these hrs wo 48 hr PPR. Wx observer only (ASOS avbl). First 150′ of Rwy 06–24 conc, remaining 4700 asphalt. 180 deg turns restricted TI conc portions of rwys only. Rwy 06–24 has 150′ W x 180′ L conc pads instld at the thld for C–17 opr. 12000 ft test fac rwy 2 NM W clsd to tsnt tfc without PPR and previous fac brief. RWY 15–33 clsd to tran acft. RWY 15–33 Use for LCL assigned acft drg emerg or opr necessity only. Altn Indg zone is grooved.For cstms support ctc McGuire Fld ATOC at DSN X650–2231 at least 24 hrs prior to sked acft arr. **RSTD** PPR for all tran acft DSN 624–2758/4147, C732–323–2758/4147. Instrument apch not avbl during tethered Aerostat ops 3400′ and blo (VMC only). **CAUTION** Bird and wildlife haz. Ancpt concentration of wtr fowl seagulls and sml birds blw 3000 ft. Epic twr coms are strictly advsy in nature. Info provided does not constitute ATC instr. Dur BASH Phase II, one–time dep/arr authd +/– 1 hr SR/SS under real–time BWC. Real–time BWC can only be determined when the field conditions are at least 3000ft/5 statute miles and if Tower can visually confirm a BWC less than SEVERE. Takeoffs and landings are not authorized unless approved by 305 OG/CC for 305 AMW, 514 AMW, and USAF transient aircraft or Operations Group Commander service equivalent for tenant units. Alfa alert acft are exempt from this requirement. Coord wvrs thru Comd Post. Helo pad Spot 2 not illuminated, Hanger 5 and Hanger 6 SE of helo Spot 2 obst lgts inop, A/D wind cones obst lgts inop Rwys 06 and Rwy 15–33. No VFR signs at int of Rwys 15–33 and Rwy 06–24. No airfield signs at Helo Spots 1/2/3. Aircrew are required to flw taxi fr twr AATM. Trees within 3000 ft E of apch Rwy 06–24 and Rwy 15–33. Unlgtd obst (trees) at aprch end of all rwys penetrating the 40:1. Nmrs horizontal cracks 5 in wide and 5 in deep starting 50 ft either side fm rwy edge in board. **TFC PAT** Rgt tfc Rwy 15 and Rwy 24.
AIRPORT MANAGER: 732-323-4995
COMMUNICATIONS: **SFA** **ATIS** 276.525
Ⓡ **MC GUIRE APP/DEP CON** 126.475 363.8
TOWER 127.775 360.2 340.2 1300–1700Z‡ Mon–Wed, 1300–0100Z‡ Thu–Fri.
GND CON 118.375 307.375
CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Mc Guire Apch at 609-754-2767.
AIRSPACE: **CLASS D** svc 1300–1700Z‡ Mon–Wed, 1300–0100Z‡ Thu–Fri; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
NDB (MHW) 396 NEL N40°02.69′ W74°20.13′ at fld. 75/11W. unmonitored 2400–1200Z‡Mon–Fri, h24 Sat, Sun and federal hol.
NEL NDB monitor location: NEL ATCT
(T) TACAN Chan 55 NEL (111.8) N40°02.22′ W74°21.19′ at fld. 87/11W. TACAN unmonitored when field clsd.
ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 156° 12.0 NM to fld. 248/10W.
TACAN AZIMUTH unusable:
105°–115° byd 30 NM
DME unusable:
075°–115° byd 25 NM
130°–160° byd 30 NM blo 4,000′
COLTS NECK (L) (L) VORW/DME 115.4 COL Chan 101 N40°18.70′ W74°09.58′ 219° 18.7 NM to fld. 129/11W.
VOR portion unusable:
031°–179° byd 15 NM blo 6,000′
230°–240° byd 18 NM
241°–329° byd 15 NM blo 3,000′
351°–030° byd 30 NM blo 3,000′
Byd 30 NM blo 6,000′
DME portion unusable:
230°–240° byd 18 NM

LAKEWOOD (N12) 3 SE UTC–5(–4DT) N40°04.01′ W74°10.65′ **NEW YORK**
42 B NOTAM FILE MIV **L–34H**
RWY 06–24: H2987X60 (ASPH) S–25 MIRL 0.3% up SW **IAP**
RWY 06: REIL. PAPI(P2R)—GA 3.0° TCH 15′. Thld dsplcd 261′. Trees.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 42′. Road. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT PAPI Rwy 06 and Rwy 24; MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Attended May–Oct 1300–0100Z‡. Nov–Apr 1300–2300Z‡. Deer on and invof arpt. Heavy banner towing ops Apr–Oct. Svcs avbl aft hrs call 732–533–3062.
AIRPORT MANAGER: 732-363-6400
WEATHER DATA SOURCES: AWOS–AV 122.8 (732) 363–6471.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **MC GUIRE APP/DEP CON** 126.475
GCO 121.725 thru McGuire Apch Ctl
CLEARANCE DELIVERY PHONE: For CD use GCO 121.725, if una ctc Mc Guire Apch at 609-754-2767.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
COYLE (H) (H) VORTACW 113.4 CYN Chan 81 N39°49.04′ W74°25.90′ 048° 19.0 NM to fld. 203/10W.
VOR unusable:
044°–054° blo 3,800′



LINCOLN PARK (NØ7) 2 N UTC–5(–4DT) N40°56.86′ W74°18.87′ **NEW YORK**
181 B NOTAM FILE MIV **COPTER**
RWY 01–19: H2767X40 (ASPH) HIRL **L–33A, 34H**
RWY 01: Thld dsplcd 690′. Trees. **IAP**
RWY 19: PAPI(P2L)—GA 4.0° TCH 30′. Thld dsplcd 95′. Stack.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTVT HIRL Rwy 01–19—CTAF. ACTVT high intst fst with 7 clicks bfr actvtng lower intsts.
AIRPORT REMARKS: Attended Mon–Fri 1400Z‡–dusk. Unattended Sat–Sun. Deer and birds invof rwy. Touch and go landings prohibited. Narrow taxilanes and twys caused by nstd clearances. Tsnt hel ops allowed with pre–apvl only, call 973–628–7166.
AIRPORT MANAGER: 973-628-7166
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEWARK APP/DEP CON** 127.6
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SPARTA (VH) (H) VORTACW 115.7 SAX Chan 104 N41°04.05′ W74°32.30′ 136° 12.5 NM to fld. 1400/11W.
VOR unusable:
004°–010° byd 40 NM
024°–035° byd 40 NM blo 5,500′
024°–035° byd 55 NM blo 11,000′
047°–060° byd 40 NM
075°–085° blo 6,500′
076°–089° byd 50 NM
126°–136° byd 40 NM
153°–154° byd 40 NM
155°–165°
166°–167° byd 40 NM
176°–180° byd 40 NM
200°–209° byd 40 NM
221°–249° byd 40 NM
287°–303° byd 40 NM
314°–319° byd 40 NM
337°–352° byd 40 NM
COMM/NAV/WEATHER REMARKS: GCO avbl on freq 121.725. If unable, ctc Newark Apch at 800–645–3206.

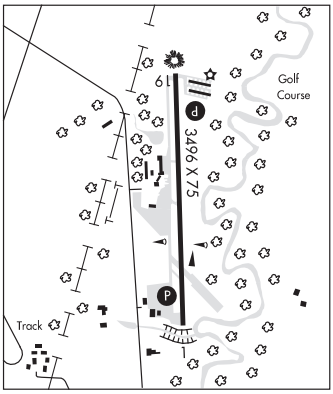


LINDEN (LDJ)(KLDJ) 1 SE UTC–5(–4DT) N40°37.05′ W74°14.68′ **NEW YORK COPTER**
22 B TPA—See Remarks NOTAM FILE MIV **L–33A, 34H**
RWY 09–27: H4140X100 (ASPH) S–31.5, D–42 MIRL **IAP**
RWY 09: REIL. VASI(V2R)—GA 3.8° TCH 60′. Thld dsplcd 462′. Pole.
RWY 27: REIL. VASI(V2L)—GA 3.5° TCH 40′. Thld dsplcd 541′. Antenna.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTVT MIRL Rwy 09–27; VASI Rwy 09 and 27; and REIL Rwys 09 and 27—CTAF. Rwy 09 VASI unusbl byd 6 degs right and left of cntrln. Rwy 27 VASI unusbl byd 2 degs right of cntrln.
NOISE: Noise abatement procedures in effect.
AIRPORT REMARKS: Attended Oct–Apr 1330–2300Z‡, May–Sep 1200–0130Z‡. Deer and birds on and invof arpt. Touch and go ldgs for base assigned acft, all others ctc arpt manager 908–862–8800 for PPR. TPA—800′ MSL, Rwy 09 enter tfc pat upwind, entries other rwys standard. Departing Rwy 27 depart straight out to 800′. Rwy 09 VASI is baffled to cut off the lgt beam at 6° each side of rwy centerline extended, total usable width is 12°. Rwy 09–27 rwy shoulder markings nstd. Ldg fee.
AIRPORT MANAGER: 908-862-5557
WEATHER DATA SOURCES: AWOS–3 124.025 (908) 862–7383.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **NEWARK APP CON** 128.55
CLNC DEL 127.25
Ⓡ **NEWARK DEP CON** 119.2
CLEARANCE DELIVERY PHONE: For CD ctc Newark Twr on 127.25 or ctc Newark Apch at 800-645-3206.
RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.
CANARSIE (T) (T) VORW/DME 112.3 CRI Chan 70 N40°36.75′ W73°53.67′ 282° 16.0 NM to fld. 4/11W.

LITTLE FERRY SPB (2N7) 1 E UTC–5(–4DT) N40°51.01′ W74°01.98′ **NEW YORK COPTER**
00 TPA—500(500) NOTAM FILE MIV
WATERWAY 01W–19W: 5500X150 (WATER)
WATERWAY 01W: Tower.
WATERWAY 19W: Bridge. Rgt tfc.
SEAPLANE REMARKS: Unattended. Dalgt use only. Ldg area usbl but dckg area and lnd side aces unsafe. Do not use dckg area til reinspected.
AIRPORT MANAGER: 201-264-6728
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

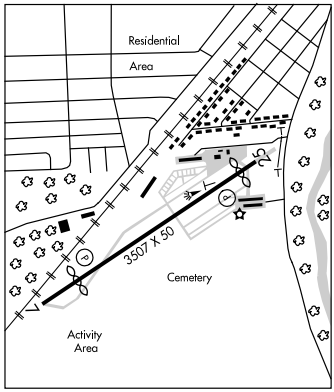
LUMBERTON

FLYING W (N14) 1 SW UTC–5(–4DT) N39°56.06′ W74°48.43′ **WASHINGTON L–34G, A**
49 B NOTAM FILE MIV **IAP**
RWY 01–19: H3496X75 (ASPH) MIRL 0.4% up N
RWY 01: REIL. PAPI(P2L)—GA 3.5° TCH 26′. Trees. Rgt tfc.
RWY 19: REIL. PAPI(P2L)—GA 3.2° TCH 22′.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 01–19 PAPI and REIL Rwys 01 and 19, and twy lgts—CTAF. Rwy 01–19 REILS inop.
AIRPORT REMARKS: Attended Apr–Oct 1200–0200Z‡, Nov–Mar 1200–0000Z‡. Deer & birds on & invof arpt. East–west ravine crosses extended centerline Rwy 01 100′ from thld. Deep retention pond 23′ west of parallel twy centerline north of ops building.
AIRPORT MANAGER: 609-267-7673
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **MC GUIRE APP/DEP CON** 126.475
CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 232° 21.6 NM to fld. 248/10W.
TACAN AZIMUTH unusable:
105°–115° byd 30 NM
DME unusable:
075°–115° byd 25 NM
130°–160° byd 30 NM blo 4,000′



MANVILLE

CENTRAL JERSEY RGNL (47N) 1 S UTC–5(–4DT) N40°31.47´ W74°35.90´ **NEW YORK**
86 B NOTAM FILE MIV **L–33A, 34H**
RWY 07–25: H3507X50 (ASPH) S–30 LIRL 0.6% up SW **IAP**
RWY 07: PAPI(P2L)—GA 3.4° TCH 36´. Thld dsplcd 580´. Railroad.
RWY 25: PAPI(P2L)—GA 3.3° TCH 40´. Thld dsplcd 262´. Trees.
SERVICE: S4 **FUEL** 100LL
AIRPORT REMARKS: Attended 1300Z‡–dusk except for Christmas and New Year. Deer and birds on and invof arpt. Banner tow ops SW Rwy 07.
AIRPORT MANAGER: 908-526-2822
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**NEWARK APP/DEP CON** 132.8
CLEARANCE DELIVERY PHONE: For CD ctc Newark Apch at 800-645-3206.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
YARDLEY (L) (L) VORW/DME 108.2 ARD Chan 19 N40°15.20´ W74°54.46´ 051° 21.6 NM to fld. 294/10W.
VOR unusable:
020°–040°
195°–225° byd 25 NM blo 5,000´
250°–265° blo 3,500´
266°–280° byd 20 NM blo 5,000´
281°–300° byd 14 NM blo 6,000´
DME unusable:
225°–275° byd 25 NM blo 5,000´



MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) (WRI)(KWRI) AF (A ANG) 2 SE **NEW YORK**
UTC–5(–4DT) N40°00.95´ W74°35.44´ **H–10I, 12J, L–34G**
141 B TPA—See Remarks LRA NOTAM FILE WRI Not insp. **DIAP, AD**
RWY 06–24: H11451X150 (ASPH–CONC–GRVD) PCN PCN/40/F/A/W/T HIRL CL
RWY 06: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 76´. RVR–TMR Thld dsplcd 442´.
RWY 24: ALSF1. PAPI(P4L)—GA 3.0° TCH 76´. RVR–TR Thld dsplcd 995´. Rgt tfc.
RWY 18–36: H7126X150 (CONC) PCN PCN/45/F/A/W/T HIRL
RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 68´. RVR–TR Rgt tfc.
RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 46´. RVR–TR
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–10456 TODA–10456 ASDA–11451 LDA–11009
RWY 24: TORA–11009 TODA–11009 ASDA–11451 LDA–10456
SERVICE: S4 **OX** 1, 2 **MILITARY— JASU** (C–26) (MD–3) 6(MA–1A) 1(MA–1) **FUEL** A++ **FLUID** SP PRESAIR LHOX LOX (C–5, KC–10, 747 de–icing ltd to wg only. 3 hr PN rqr). **OIL** O–128–133–148–156 **TRAN ALERT** Svc avbl H24 dly.

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MILITARY REMARKS: CAUTION Nstd mrk on victor row for alert MSN, X–RAY Row (PRIM), and Romeo Row (ALTN) for combat off load ops. Extv non–ctl VFR acft within 20 NM of aprt. Rwy 18–36 spot ldg zone markings mid–fld. Nstd mrks on Rwy 06–24 and Rwy 18–36 for ALZ ops. Use extreme caution for extv UAS ops invof R–5001. ASA ramp opr 1230–2130Z‡ wkd. Wkend hr by prior apvl. Fac lctd on SW side of afld. 72 hr PPR for Army ramp and ldg all lctn on Ft Dix reservation DSN 562–3451, cell 609–649–3743. Tran acft ctc Army Ops prior to ldg. **TFC PAT** TPA for copter 600(459), Lgt acft 800(659), Rectangular 1600(1459), Overhead 2100(1959). Rgt tfc Rwy 24 and Rwy 18. **MISC** All classified material must be stored at the JB Comd Post DSN 650–3935/3936. Afld mgmt has no classified storage capabilities. Rwy condition codes (RWYCC) unavailable. All tran acft rqr PPR. Req apvl thru afld mgmt ops DSN 650–2714, C609–754–2714; PPRs will be req no earlier than seven days, and no later than 24 hr prior to arr, 48 hr for acft carrying dangerous/haz cargo. Aircrews with apv PPR that deviate from coord arr time by more than one hr must notify AMOPS ASAP. If no notification rcvd after one hr, PPR will be terminated. Normal BASH Phase II period from 1 Nov–31 Mar; OT by NOTAM. Ctc Afld Mgmt OPS for current Bird Watch cond. **RSTD** All inbd PAX/cargo acft ctc Comd Post no later than 30 min prior to ldg. Dur BASH Phase II, one–time dep/arr auth´d +/– 1 hr SR/SS under real–time BWC. Real–time BWC can only be determined when the fld cond are at least 3000 ft/ 5 statute miles and if twr can visually confirm a BWC less than SEVERE. Tkoff and ldg are not authorized unless apv by 305 OG/CC for 305 AMW, and USAF tran acft or Ops Gp Comdr svc equivalent for tenant units. Alfa alert acft are exempt from this requirement. Coord waivers thru Comd Post. Tran acft rqr cust must coord with airfield mgmt at time of PPR req. **RWY** Rwy 24 harden ovrn avbl for emergency stoppage. Rwy 06–24 (btn displ thld) length is 10014 ft. Rwy 06 distance from yellow bar to displ thld is 442 ft. Engines must pass the Rwy 06 yellow bar prior to takeoff. First 431 ft Rwy 36 conc, remaining 6695 ft asph. 180 deg turns rstd to conc portions of rwy only. See KWRI AP1 for more info. Rwy 06–24 under runs avbl for dep. 1000 ft of Rwy 06–24 are grvd conc, remainder of rwy grooved asph. Rwy 06–24 has hardened and non–grvd ovrns. Rwy 18–36 only has 200 ft paved asphalt non–grooved overruns, remainder of rwy not grooved.

AIRPORT MANAGER: 609-754-6466

COMMUNICATIONS: SFA PTD 372.2 **D–ATIS** 110.6 270.1 DSN 650–2847

Ⓡ **APP/DEP CON** 126.475 363.8 (Arr sector for IFR radar pattern when open is 120.25/290.9)

TOWER 118.65 255.6 257.8 **GND CON** 121.8 275.8 **CLNC DEL** 135.2 335.8

COMD POST 134.1 237.15 (Use 237.15 within 75 NM of arpt. If 237.15 is inop, use 134.1 (call Brickyard)

108 ANG COMD POST 251.2 321.0 (call Torch Ctl) DSN 650–2127 **PMSV METRO** 239.8 AN/FMQ–19 Automated Observing Sys in use, augmented by human obsn when nec dur afld hrs. Vis of afld rstd fr base wx ops NW–SE durg manual augmentation by wx fcstr. Wx svc avbl H24. Wx flt DSN 650–1130, C609–754–1130. When wx svc clsd, tran crews ctc 15 OWS at Scott AFB H24 DSN 576–9755/9702, C618–256–9755/9702. Durg evac of wx flt ctc 15 OWS at nbr abv. RON tran crew rqr wx brief prior to ldg. ATC will supplement obsn as needed. **ARMY OPS** 36.3 **FT DIX RNG** 34.0 41.0

RANGE CTL 34.3

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE WRI.

(L) (L) VORTACW 110.6 GXU Chan 43 N40º00.57´ W74º35.79´ at fld. 119/12W.

VOR unusable:
- 165º–265º byd 15 NM
- 165º–265º byd 8 NM blo 2,000´
- 266º–269º
- 270º–285º byd 15 NM
- 286º–330º byd 35 NM blo 3,000´
- 355º–060º byd 20 NM

TACAN AZIMUTH unusable:
- 040º–100º
- 165º–285º byd 12 NM blo 2,000´
- 165º–285º byd 15 NM
- 355º–060º byd 20 NM
- VOR & TACAN No NOTAM MP 1100–1300Z‡ Mon and thr

DME unusable:
- 040º–100º
- 165º–285º byd 12 NM blo 2,000´
- 165º–285º byd 15 NM
- 355º–060º byd 20 NM

ILS 110.1 I–WRI Rwy 06. Class IID. PAR – apch dly fr 1100–0300Z‡contingent upon PAR controller avbl and/or deployed status of Mobile PAR. 108 Ang Comd Post – 303.0 remarks: (call Torch Control) DSN 650–2127. ILS/RADAR–RADAR: between 0300–1100Z‡, PAR avbl for full stop ldg only when wx is blw TACAN min. No NOTAM MP: 1100–1300Z‡ Tue, Wed, Fri."

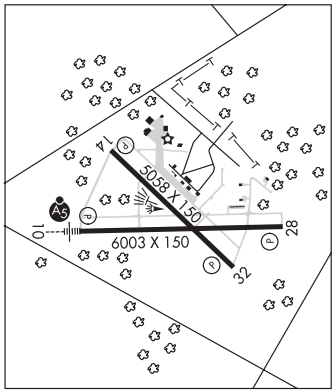
ILS 110.1 I–JTQ Rwy 24. Class ID. No NOTAM MP: 1100–1300Z‡ Tue, Wed, Fri.

PAR (1200–0200Z‡ Mon–Fri)

COMM/NAV/WEATHER REMARKS: See Terminal FLIP for Radar Minima. Radar No NOTAM MP Mon–Thur 0930–1130Z‡, Fri 0730–1130Z‡, Sat 1100–1500Z‡.

MILLVILLE MUNI (MIV)(KMIV) 3 SW UTC–5(–4DT) N39°22.07′ W75°04.33′ **WASHINGTON**
85 B NOTAM FILE MIV **H–10I, 12J, L–34G, A**
IAP

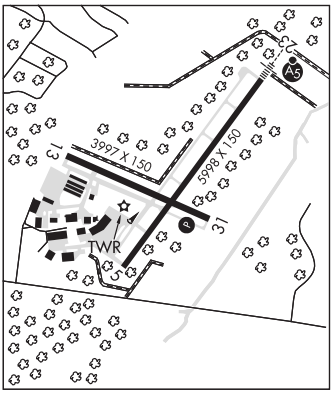
RWY 10–28: H6003X150 (ASPH–GRVD) S–120, D–179, 2S–83, 2D–263 PCN 55 F/D/W/T MIRL
RWY 10: MALSR. PAPI(P4L)—GA 3.0° TCH 53′. Trees.
RWY 28: PAPI(P4L)—GA 3.0° TCH 29′.
RWY 14–32: H5058X150 (CONC) S–45.5, D–68, 2S–83, 2D–229 PCN 19 R/C/W/T MIRL
RWY 14: PAPI(P4L)—GA 3.0° TCH 48′. Trees.
RWY 32: PAPI(P4L)—GA 3.0° TCH 39′. Trees.
SERVICE: S8 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 10; MIRL Rwy 10–28 and 14–32—CTAF.
AIRPORT REMARKS: Attended 1300–2100Z‡. Birds on and invof arpt. PAEW within all rwy and twy safety areas daily May–Oct. All ultralight acft, glider ops and formation flts PPR. Call 856–825–1244 Mon–Fri 1300–2100Z‡. Self serv fuel avbl 24 hrs with credit card. Arpt sfc conds not rprtd 1300–2100Z‡. Main apron clsd to tsnt acft N of Twy K. Twy G not to be used by acft with wingspan gtr than 48′ north of Twy A. Fence line 44′ north of Twy G cntrln, N of Twy A. Rwy 10 calm wind rwy.
AIRPORT MANAGER: 302-757-2952
WEATHER DATA SOURCES: ASOS 119.6 (856) 327–3455.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.2 (MILLVILLE RADIO)
Ⓡ **ATLANTIC CITY APP/DEP CON** 124.6
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Atlantic City approach at 609-485-6193.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 216° 11.3 NM to fld. 120/10W.
RAINBOW NDB (HW) 363 RNB N39°25.09′ W75°08.10′ 147° 4.2 NM to fld. 92/11W.
ILS 110.9 I–MIV Rwy 10. Class IA. Unmonitored. Autopilot cpd apch NA blw 300 MSL.



MONMOUTH EXEC (See BELMAR/FARMINGDALE on page 159)

MORRISTOWN MUNI (MMU)(KMMU) P (A) 3 E UTC–5(–4DT) N40°47.96′ W74°24.89′ **NEW YORK COPTER**
187 B TPA—See Remarks NOTAM FILE MMU **H–10I, 12J, L–33A, 34H**

RWY 05–23: H5998X150 (ASPH–GRVD) S–30, D–80, 2S–101 PCN 25 F/C/X/T HIRL
RWY 05: REIL. Trees.
RWY 23: MALSR.
RWY 13–31: H3997X150 (ASPH–GRVD) S–30 PCN 11 F/C/X/T MIRL
RWY 13: Trees.
RWY 31: REIL. PAPI(P2L)—GA 3.5° TCH 39′. Trees.



SERVICE: **FUEL** 100LL, JET A, A+ **OX** 1, 2, 3, 4 **LGT** Dusk–Dawn; ACTVT HIRL Rwy 05–23, MIRL Rwy 13–31, REIL Rwy 05 and 31, MALSR Rwy 23, and PAPI Rwy 31—CTAF. **MILITARY— FUEL** (NC–100LL, A+)

NOISE: Noise abatement procedures in effect, ctc Noise Abatement Office 973–538–3366 extension 122. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum noise. Voluntary noise abatement proc include avoiding TGL ops on Rwy 13–31.

AIRPORT REMARKS: Attended 1145–0330Z‡. Birds and deer on and invof arpt. When twr clsd all acft and vehicles must state intentions on CTAF before ops on any rwy. ARFF svc avbl 24 hrs daily. For ARFF svcs when twr clsd ctc ARFF station—CTAF or 973–455–1953. Inbound tfc request FBO svcs, instructions, and ramp advisories 30 min prior to arrival. After ldg ctc FBO again 129.6 for preferred ramp entrance to Twy D or Twy J. No TGL on Rwy 13–31 unless the crosswind vlcty for Rwy 05–23 exceeds 10 kts. No turbojet ldg on Rwy 13 and Rwy 31 unless the cross wind velocity for Rwy 05–23 exceeds 16 kts. TPA—1200(1013) lgt acft, 1700(1513) heavy acft. Acft carrying explosive cargo PPR before ldg, call 973–538–6400. Helicopter ops over residential areas blo 1000′ MSL should be avoided. Route 80 visual apch preferred for Rwy 23. During snow removal ops 15 minute prior notice required on 118.1 and no practice low apchs or touch and go ldgs. Taxilane K btn Atlantic FBO ramp and Twy L, no hel or acft with a wingspan gtr than 79′. US Customs avbl Mon–Fri 1300–2100Z‡, between 2101–1259Z‡ and weekends call 973–267–0302 for appointment. Morristown customs association fees apply, ctc arpt manager 973–538–6400 for details. Stage I departure fee 0400–1145Z‡. Ldg fee. User fee arpt. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Arrival Alert.

AIRPORT MANAGER: 973-538-6400

WEATHER DATA SOURCES: AWOS–3 (973) 290–0135 LAWRS.

COMMUNICATIONS: CTAF 118.1 **ATIS** 124.25
Ⓡ **NEWARK APP CON** 127.6
TOWER 118.1 (1145–0330Z‡) **GND CON** 134.2 **CLNC DEL** 128.6
Ⓡ **NEWARK DEP CON** 119.2

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Newark Apch at 800-645-3206.

AIRSPACE: CLASS D svc 1145–0330Z‡; other times CLASS G.

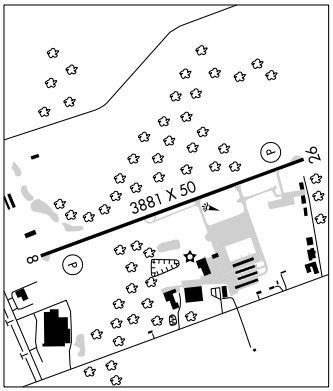
RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

TETERBORO (T) (T) VORW/DME 108.4 TEB Chan 21 N40°50.92′ W74°03.73′ 271° 16.3 NM to fld. 8/11W.
DME unusable:
060°–080° byd 22 NM blo 2,500′
081°–120° blo 4,000′
121°–180° blo 3,000′
236°–246°
VOR unusable:
081°–120° blo 4,000′
121°–180° blo 3,000′
236°–246°

ILS 110.3 I–MMU Rwy 23. Class IB. Unmonitored when ATCT closed. Glideslope unusable for cpd apchs blw 875′.

MOUNT HOLLY

SOUTH JERSEY RGNL (VAY)(KVAY) 4 SW UTC–5(–4DT) N39°56.57′ W74°50.75′ **WASHINGTON**
53 B TPA—853(800) NOTAM FILE VAY **L–34G, A**
RWY 08–26: H3881X50 (ASPH) S–30 MIRL **IAP**
RWY 08: REIL. PAPI(P2R)—GA 3.25° TCH 45′. Tree.
RWY 26: REIL. PAPI(P2R)—GA 3.0° TCH 40′. Tree. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MIRL Rwy 08–26 and REIL Rwy 08 and 26—123.3.
AIRPORT REMARKS: Attended Apr–Oct 1300–0100Z‡, Nov–Mar 1300–2300Z‡. Arpt unatndd Thanksgiving & Christmas Day. Christmas & Thanksgiving eve hrs 1300–1700Z. New Years Day hrs 1600–2300Z. Deer on and invof arpt. Helicopter tkfs and ldgs restricted to Rwy 08–26 only. Balls marking p–lines on apch to Rwy 08 faded. Trees along sides of rwy primarily northwest. Avoid overflying housing area WNW of arpt blo 300′ when in the traffic pattern for Rwy 08. Parallel twy nstd with 18′ asphalt.
AIRPORT MANAGER: 609-267-3131
WEATHER DATA SOURCES: ASOS 119.325 (609) 267–1176.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **MC GUIRE APP/DEP CON** 126.475
CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 236° 22.4 NM to fld. 248/10W.
TACAN AZIMUTH unusable:
105°–115° byd 30 NM
DME unusable:
075°–115° byd 25 NM
130°–160° byd 30 NM blo 4,000′



NEWARK LIBERTY INTL (EWR)(KEWR) 3 S UTC–5(–4DT) N40°41.55′ W74°10.12′ **NEW YORK**
18 B LRA Class I, ARFF Index E NOTAM FILE EWR **COPTER**
RWY 04L–22R: H11000X150 (ASPH–CONC–GRVD) D–210, 2D–520, 2D/2D2–1000 PCR 960 F/C/X/T HIRL CL **H–10I, 12J, L–33A, 34H**
RWY 04L: MALSR. TDZL. PAPI(P4L)—GA 3.1° TCH 77′. RVR–TMR Thld dsplcd 2541′. Tree. **IAP, AD**
RWY 22R: MALSR. TDZL. REIL. PAPI(P4L)—GA 3.1° TCH 66′. RVR–TMR Thld dsplcd 1441′. Pole.
RWY 04R–22L: H9999X150 (ASPH–GRVD) D–210, 2D–520, 2D/2D2–1000 PCR 1020 F/C/X/T HIRL CL
RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 2.95° TCH 71′. RVR–TMR Thld dsplcd 1190′. Pole.
RWY 22L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 60′. RVR–TMR Thld dsplcd 1794′. Antenna.
RWY 11–29: H6725X150 (ASPH–GRVD) D–210, 2D–520, 2D/2D2–1000 PCR 950 F/C/X/T HIRL CL
RWY 11: TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 60′. RVR–TMR Bldg.
RWY 29: TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 60′. Thld dsplcd 224′. Sign.
LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 04L	11–29	7750
RWY 04R	11–29	8100
RWY 11	04R–22L	5700

RUNWAY DECLARED DISTANCE INFORMATION
RWY 04L: TORA–11000 TODA–11000 ASDA–11000 LDA–8459
RWY 04R: TORA–9999 TODA–9999 ASDA–9999 LDA–8809
RWY 11: TORA–6725 TODA–6725 ASDA–6725 LDA–6725
RWY 22L: TORA–9999 TODA–9999 ASDA–9999 LDA–8205
RWY 22R: TORA–11000 TODA–11000 ASDA–11000 LDA–9559
RWY 29: TORA–6725 TODA–6725 ASDA–6725 LDA–6501
ARRESTING GEAR/SYSTEM
RWY 11: EMAS
RWY 29: EMAS

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** Rwy status lgts in opr. Rwy 29 PAPI unusbl 4º left of cntrln.
NOISE: Noise restrictions call 212–435–3784 during normal business hrs.
AIRPORT REMARKS: Special Air Traffic Rules–Part 93. Attended continuously. Flocks of birds on and invof airport. Para–sail and banner towing ops 1000´ and blo in upper and lower New York bays including Rockaway Inlet indef. High volume of low level helicopter tfc arriving and departing Helo Kearny Heliport (65NJ) located 3.5 miles northeast of the arpt. Expect to leave and re–enter the Class B Airspace during moderate to heavy arrival periods. Rwy 04L–22R, south 1779´ conc, north 1228´ conc, center 7993´ asph. Rwy 04R and Rwy 04L departures use upper antenna for ATC communications. When Rwy 04R/L in use, acft prkg at Trml A can exp to enter ramp via Twy A8, unless adzd by ATC. When Rwy 022L/R in use, acft prkg at Trml A can exp to enter ramp via Twy A10 or A12, unless adzd by ATC. Twy Z between Twy Z2 and Twy Z4 clsd to acft with wingspans in excess of 171´. ADG IV acft rstr from passing Twy Z3 on Twy Z. Twy Z east of Twy U acft speed restriction of 17 kts/20 mph max for all acft with wingspans in excess of 171´. All twys surrounding "Ballpark" parking area (Twy Y btn Twy S and Twy U, Twy S btn Twy Y and Twy K, Twy K btn Twy S and Twy B, Twy B btn Twy K and Twy U and Twy U btn Twy B and Twy Y) acft speed restriction of 17 kts/20 mph for all act with wingspans in excess of 171´. Twy EE btn Rwy 04R–22L and Rwy 11–29 clsd to acft with wingspans in excess of 171´. Twy Y btn RM and Twy U, speed restriction of 17 kts/ 20 mph. Twy A btn Twy AA and ramp clsd to acft with wingspans in excess of 171´. Twy Z5 clsd to acft with wingspans in excess of 118´ . Twy A11 W of Twy A acft spd rstr of 17 kts/20 mph max for all acft with wingspans in excess of 171´. Acft with wingspans in excess of 118´ prohibited from turning S on Twy R from Twy B1. GA/intrnt ldg fees payable by major credit cards only. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fee. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: 973-961-6161
WEATHER DATA SOURCES: ASOS (862) 381–4743 LLWAS. TDWR.
COMMUNICATIONS: D–ATIS ARR 115.7 **D–ATIS SOUTH ARR/DEP** 134.825 (973) 824–4417. **UNICOM** 122.95
Ⓡ **NEWARK APP/DEP CON** 128.55 (090º–240º) 132.8 (241º–269º) 127.6 (270º–330º) 132.7 (331º–089º)
Ⓡ **NEWARK APP/DEP CON** 119.2
TOWER 118.3 134.05 **GND CON** 121.8 126.15 **CLNC DEL** 118.85
PRE TAXI CLNC 118.85 **RAMP CTL** 132.45
CPDLC DCL (LOGON KUSA)
PDC
AIRSPACE: CLASS B See VFR Terminal Area Chart.
RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.
TETERBORO (T) (T) VORW/DME 108.4 TEB Chan 21 N40º50.92´ W74º03.73´ 218º 10.6 NM to fld. 8/11W.
DME unusable:
060º–080º byd 22 NM blo 2,500´
081º–120º blo 4,000´
121º–180º blo 3,000´
236º–246º
VOR unusable:
081º–120º blo 4,000´
121º–180º blo 3,000´
236º–246º
(T) DME 113.75 EWR Chan 84(Y) N40º40.46´ W74º10.68´ 021º 1.2 NM to fld. 9. NOTAM FILE EWR. SHUTDOWN.
ILS/DME 110.75 I–EWR Chan 44(Y) Rwy 04L. Class IID. DME shared with JNN ILS.
ILS/DME 108.7 I–EZA Chan 24 Rwy 04R. Class IIIE. DME shared with LSQ ILS. DME unusable byd 15 NM.
ILS/DME 109.15 I–GPR Chan 28(Y) Rwy 11. Glideslope unusable byd 5º right and left of ctrln. LOC unusable byd 20º left of course. Autopilot cpd apch not avbl blw 350´ MSL. Glideslope unusable within 0.7 NM blw 300´.
ILS/DME 108.7 I–LSQ Chan 24 Rwy 22L. Class IIIE. LOC unusable byd 20º left of course. DME shared with EZA ILS.
ILS/DME 110.75 I–JNN Chan 44(Y) Rwy 22R. Class IT. DME shared with EWR ILS. LOC unusable byd 20º left of course.
COMM/NAV/WEATHER REMARKS: Durg ATC zero events; arpt ops will mnt 118.3 and provide emerg notifications to ARFF.

HELIPAD H1: H54X54 (ASPH) PERIMETER LGTS
HELIPORT REMARKS: Helipad H1 perimeter lgts. Brewster pad; H1 located on Twy Z5. Ops limits are D65.

OCEAN CITY MUNI (26N) 2 SW UTC–5(–4DT) N39°15.81′ W74°36.45′ **WASHINGTON L–34G IAP**

6 NOTAM FILE MIV

RWY 06–24: H2972X60 (ASPH) S–12.5 MIRL

RWY 06: PAPI(P2R)—GA 3.5° TCH 36′.

RWY 24: PAPI(P2L)—GA 3.5° TCH 37′. Tree. Rgt tfc.

SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 06–24—CTAF.

AIRPORT REMARKS: Attended Jun–Sep 1300–2300Z‡, winter 1300–2100Z‡. Birds on and invof arpt.

AIRPORT MANAGER: (609) 525-9222

WEATHER DATA SOURCES: AWOS–AV 119.775 (609) 398–0705.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **ATLANTIC CITY APP/DEP CON** 124.6

CLNC DEL 133.6

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE ACY.

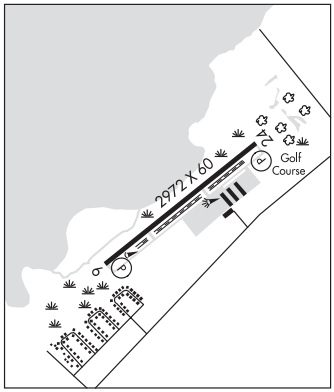
ATLANTIC CITY (VL) (H) VORTACW 117.15 ACY Chan 118(Y) N39°27.35′ W74°34.58′ 197° 11.6 NM to fld. 67/10W.

DME unusable:
- 270°–290° byd 10 NM
- 305°–340° byd 20 NM blo 1,900′

VOR unusable:
- 135°–140° byd 40 NM
- 160°–240° byd 40 NM
- 241°–251° byd 41 NM
- 252°–260° byd 40 NM
- 270°–290° byd 10 NM
- 291°–304° byd 40 NM
- 305°–340°
- 341°–070° byd 40 NM

TACAN AZIMUTH unusable:
- 270°–290° byd 10NM
- 305°–340° byd 20 NM blo 1,900′

CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 144° 23.5 NM to fld. 120/10W. NOTAM FILE MIV.



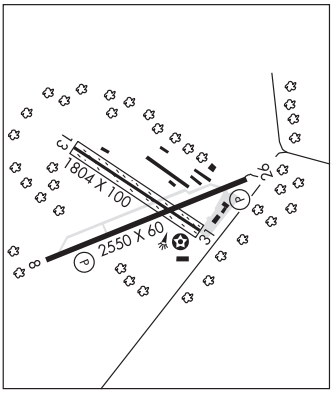
OCEAN CO (See TOMS RIVER on page 181)

OLD BRIDGE (3N6) 5 S UTC–5(–4DT) N40°19.79′ W74°20.81′ **NEW YORK**
87 B NOTAM FILE MIV **L–34H**
RWY 06–24: H3594X50 (ASPH) MIRL 0.6% up NE **IAP**
RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 25′. Thld dsplcd 600′. Tree.
RWY 24: REIL. PAPI(P2R)—GA 4.0° TCH 40′. Thld dsplcd 400′. Tree. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REIL Rwy 06 and 24; MIRL Rwy 06–24—CTAF. ACTVT rotg bcn—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z ++. Deer and birds on and invof arpt. No touch and go. Drag strip park and trees E/W of arpt and invof apch end Rwy 06–24. Ldg fee.
AIRPORT MANAGER: 732-718-0444
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **MC GUIRE APP/DEP CON** 126.475
CLEARANCE DELIVERY PHONE: For CD use GCO 121.725, if unable ctc Mc Guire Apch at 609-754-2767.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 052° 10.2 NM to fld. 248/10W.
TACAN AZIMUTH unusable:
105°–115° byd 30 NM
DME unusable:
075°–115° byd 25 NM
130°–160° byd 30 NM blo 4,000′

PINE VALLEY (See BERLIN on page 160)

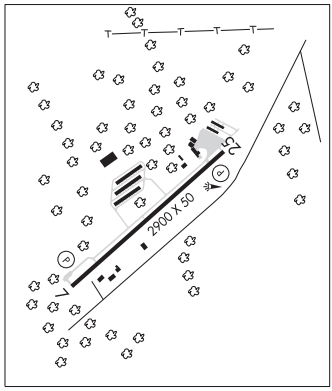
PITTSTOWN

ALEXANDRIA (N85) 2 W UTC–5(–4DT) N40°35.25′ W75°01.17′ **NEW YORK**
480 B NOTAM FILE MIV **L–33A, 34H**
RWY 08–26: H2550X60 (ASPH) MIRL 0.7% up E **IAP**
RWY 08: PAPI(P2R)—GA 3.3° TCH 38′. Tree.
RWY 26: PAPI(P2L)—GA 3.75° TCH 40′. Tree.
RWY 13–31: H1804X100 (ASPH–TURF) 0.8% up SE
RWY 13: Tree.
RWY 31: Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 08–26 and rotating bcn—121.8. Rwy 26 PAPI UNUSBL BYD 2° left of CNTRLN.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Fuel 24hr self–svc. Parachute jumping Mar–Nov. Parachute drop zone on north side of arpt. Ctc arpt manager 908–730–9233 prior to conducting helicopter training activity. Helicopter tkf and ldg rstd to Rwy 08–26 only. Helicopters use fixed–wing tfc pat and alts. No touch and go landings or straight in apchs allowed. Rwy 13–31 25′ wide asph strip full length down center of rwy. Turf portion of rwy unusable. Taxi on pavement only.
AIRPORT MANAGER: 908-399-1820
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000′) 119.65 (3000′ and blo)
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SOLBERG (VL) (L) VORW/DME 112.9 SBJ Chan 76 N40°34.98′ W74°44.51′ 281° 12.7 NM to fld. 189/10W.
DME unusable:
167°–040° byd 34 NM
VOR unusable:
247°–255° byd 40 NM blo 2,200′
247°–255° byd 48 NM
256°–051° byd 40 NM



SKY MANOR (N4Ø) 2 SW UTC–5(–4DT) N40°33.95′ W74°58.76′ **NEW YORK**
560 NOTAM FILE MIV **L–33A, 34H**
IAP

RWY 07–25: H2900X50 (ASPH) MIRL 0.3% up NE
RWY 07: REIL. PAPI(P2L)—GA 4.0° TCH 31′. Trees.
RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 29′. P–line.



SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REIL Rwy 07 and Rwy 25, MIRL Rwy 07–25 and twy lgts—CTAF. PAPI Rwy 07 and Rwy 25—Opr consly. Rwy 07 VGSI and descent angles not coincident. Unusbl byd 4° right of cntrln.

NOISE: Rwy 07 noise abatement procedures VFR dep fly rwy heading until reaching at least 1,300 ft MSL. Rwy 25 noise abatement procedures VFR dep safety premitting at dep end of rwy turn right fly heading 270 until reaching at least 1,300 ft MSL. Avoid overflight of horse farm (stables) 500′ north of acft hangars.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. Helicopter activity on and invof arpt. Self–serve fuel system on north end of tie–down ramp. Apn main ramp clsd to hel air tax and hover ops near fuel pump.

AIRPORT MANAGER: 908-996-4200

WEATHER DATA SOURCES: AWOS–3 121.725.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000′) 119.65 (3000′ and blo)

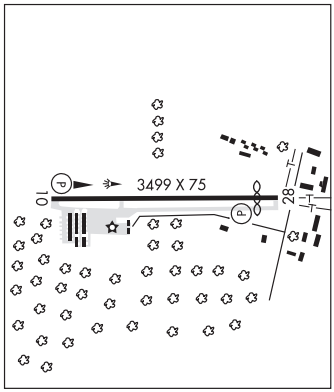
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (VL) (L) VORW/DME 112.9 SBJ Chan 76 N40°34.98′ W74°44.51′ 275° 10.9 NM to fld. 189/10W.
DME unusable:
167°–040° byd 34 NM
VOR unusable:
247°–255° byd 40 NM blo 2,200′
247°–255° byd 48 NM
256°–051° byd 40 NM

PRINCETON (39N) 3 N UTC–5(–4DT) N40°23.95′ W74°39.54′ **NEW YORK**
128 B NOTAM FILE MIV **L–34H**
IAP

RWY 10–28: H3499X75 (ASPH) S–15 MIRL
RWY 10: REIL. PAPI(P2L)—GA 3.45° TCH 42′. Tree.
RWY 28: PAPI(P2L)—GA 3.0° TCH 41′. Thld dsplcd 369′. Bldg.



SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MIRL Rwy 10–28 and REIL Rwy 10—123.05.

AIRPORT REMARKS: Attended 1300–dusk. Unattended Christmas Day and New Years Day. Deer and birds on and invof arpt. Rwy 28 departure no turns until at least 900′ MSL and beyond Cherry Hill Road. Rwy 10–28 rgt tfc helicopters. Rwy 10–28 nmrs transverse cracks alg entr len of Rwy.

AIRPORT MANAGER: 609-921-3100

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **NEWARK APP/DEP CON** 132.8

CLEARANCE DELIVERY PHONE: For CD ctc Newark Apch at 800-645-3206

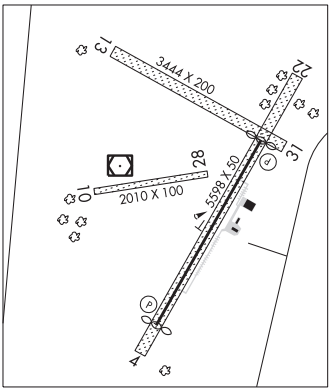
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) (L) VORW/DME 108.2 ARD Chan 19 N40°15.20′ W74°54.46′ 062° 14.4 NM to fld. 294/10W.
VOR unusable:
020°–040°
195°–225° byd 25 NM blo 5,000′
250°–265° blo 3,500′
266°–280° byd 20 NM blo 5,000′
281°–300° byd 14 NM blo 6,000′
DME unusable:
225°–275° byd 25 NM blo 5,000′

RAINBOW N39°25.09′ W75°08.10′ NOTAM FILE MIV. **WASHINGTON**
NDB (HW) 363 RNB 147° 4.2 NM to Millville Muni. 92/11W. **H–10I, L–34G, A**

READINGTON

SOLBERG/HUNTERDON (N51) 1 NW UTC–5(–4DT) N40°34.97′ W74°44.20′ **NEW YORK**
190 NOTAM FILE MIV **H–10I, 12J, L–33A, 34H**
RWY 04–22: H5598X50 (ASPH–TURF) MIRL 0.5% up SW **IAP**
RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 41′. Thld dsplcd 544′.
RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 38′. Thld dsplcd 1319′. Tree.
RWY 13–31: 3444X200 (TURF) 1.0% up NW
RWY 13: Tree.
RWY 31: Trees.
RWY 10–28: 2010X100 (TURF) 0.4% up W
RWY 10: Trees.

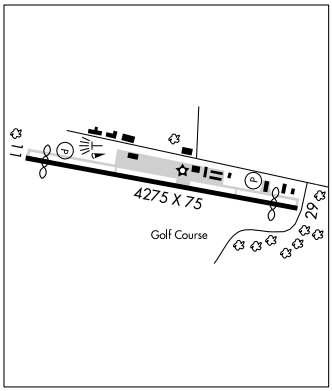


SERVICE: S4 **FUEL** 100LL, JET A **OX** 2 **LGT** ACTVT REIL Rwy 04 and 22; MIRL Rwy 04–22—CTAF. PAPI Rwy 04 and 22 opr consly. Rwy 04–22 MIRL on paved 3735′ x 50′ portion of rwy.
AIRPORT REMARKS: Attended 1400–2200Z‡. Arpt unattended all major holidays and Christmas and New Years eve afternoons. Deer on and invof arpt. Blimp and hot air balloon activity on and invof arpt, spring through fall. Dsplcd thld Rwy 04 544′ turf, 180′ wide. Dsplcd thld Rwy 22 1319′ turf, 180′ wide. All rwys no touch and go ldgs. Hel fly fixed wing trc pat and alt. All rwys depart straight out to 1200′ before turning. Tkofs and ldgs prohibited on Rwy 13–31 and Rwy 10–28 when acft are operating on Rwy 4–22. No intxn tkof on rwy 04–22. Ctc ops, 908–534–4000, prior to operating on Rwy 10–28. Rwy 04 apch end 544′ turf, center portion 3735′ asph, Rwy 22 apch end 1319′ turf. Noticeable bump where rwy crosses grvl apch road to VORTAC. Center asph portion excellent. Rwy 04 and Rwy 22 turf portion poor.
AIRPORT MANAGER: 908-534-4000
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PHILADELPHIA APP/DEP CON** 132.8
CLEARANCE DELIVERY PHONE: For CD if una via GCO ctc Newark Apch at 800-645-3206.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
(VL) (L) VORW/DME 112.9 SBJ Chan 76 N40°34.98′ W74°44.51′ at fld. 189/10W.
DME unusable:
167°–040° byd 34 NM
VOR unusable:
247°–255° byd 40 NM blo 2,200′
247°–255° byd 48 NM
256°–051° byd 40 NM
COMM/NAV/WEATHER REMARKS: GCO avbl on freq 121.725. If unable, ctc Newark at 800–645–3206.

REDWING (See JOBSTOWN on page 163)

ROBBINSVILLE

TRENTON–ROBBINSVILLE (N87) 1 E UTC–5(–4DT) N40°12.84′ W74°36.11′ **NEW YORK**
118 B NOTAM FILE MIV **L–34H**
RWY 11–29: H4275X75 (ASPH) S–25 MIRL **IAP**
RWY 11: PAPI(P2L)—GA 4.5° TCH 46′. Thld dsplcd 398′. Trees.
RWY 29: PAPI(P2R)—GA 4.0° TCH 29′. Thld dsplcd 300′. Trees. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 11–29—123.3.
NOISE: VFR departure Rwy 11 avoid overflight of Sharon Elementary School 0.75 NM Northeast. VFR departure Rwy 29, for noise abatement climb straight ahead until reaching 700′ AGL before turning.
AIRPORT REMARKS: Attended 1300–2100Z‡. Deer and birds on and invof arpt. Self svc fuel system mid–fild apron. Wind indicator OTS indef. Twy and ramp areas have mult transverse and parl cracks. Rwy 11–29 nmrs transverse and parl cracks along rwy.
AIRPORT MANAGER: 609-259-1059
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **MC GUIRE APP/DEP CON** 126.475
CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 288° 5.0 NM to fld. 248/10W.
TACAN AZIMUTH unusable:
105°–115° byd 30 NM
DME unusable:
075°–115° byd 25 NM
130°–160° byd 30 NM blo 4,000′
COMM/NAV/WEATHER REMARKS: FAR PART 135 wx svc avbl.



ROBBINSVILLE N40°12.14′ W74°29.70′ NOTAM FILE MIV. **NEW YORK**
(H) (H) VORTACW 113.8 RBV Chan 85 288° 5.0 NM to Trenton–Robbinsville. 248/10W. **H–10I, L–34H**
TACAN AZIMUTH unusable:
105°–115° byd 30 NM
DME unusable:
075°–115° byd 25 NM
130°–160° byd 30 NM blo 4,000′

SEA ISLE N39°05.73′ W74°48.02′ NOTAM FILE MIV. **WASHINGTON**
(VH) (H) VORTACW 114.8 SIE Chan 95 233° 7.3 NM to Cape May Co. 8/9W. **H–10I, 12I, L–34G, A**
VOR unusable:
060°–110° byd 20 NM blo 3,900′
260°–270° byd 40 NM blo 7,000′
260°–270° byd 56 NM
269°–279° byd 36 NM blo 3,000′
295°–300° byd 40 NM
310°–045° byd 40 NM
DME unusable:
065°–110°
238°–048° byd 34 NM blo 1,800′
TACAN AZIMUTH unusable:
065°–110°

SKY MANOR (See PITTSTOWN on page 175)

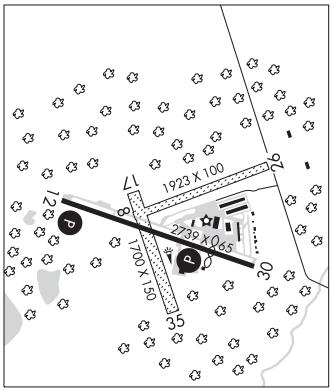
SOLBERG/HUNTERDON (See READINGTON on page 176)

SOLBERG N40°34.98′ W74°44.51′ NOTAM FILE MIV. **NEW YORK**
(VL) (L) VORW/DME 112.9 SBJ Chan 76 at Solberg/Hunterdon. 189/10W. **H–10I, 12I, L–33A, 34H**
DME unusable:
167°–040° byd 34 NM
VOR unusable:
247°–255° byd 40 NM blo 2,200′
247°–255° byd 48 NM
256°–051° byd 40 NM

SOMERSET (See SOMERVILLE on page 178)

SOMERVILLE

SOMERSET (SMQ)(KSMQ) 3 N UTC–5(–4DT) N40°37.56′ W74°40.20′ **NEW YORK**
106 B NOTAM FILE SMQ **L–33A, 34H**
RWY 12–30: H2739X65 (ASPH) MIRL 0.7% up SE **IAP**
RWY 12: REIL. PAPI(P2R)—GA 3.0° TCH 30′. Trees.
RWY 30: REIL. PAPI(P2L)—GA 4.0° TCH 43′. Thld dsplcd 200′. Trees.
RWY 08–26: 1923X100 (TURF) 0.4% up E
RWY 08: Tree.
RWY 26: Tree. Rgt tfc.
RWY 17–35: 1700X150 (TURF) 0.6% up N
RWY 17: Trees.
RWY 35: Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** ACTVT REIL Rwy 12 & Rwy 30; MIRL Rwy 12–30—118.325. PAPI Rwy 12 and Rwy 30 opr consly.
AIRPORT REMARKS: Attended 1300–2200Z‡. Unattended Thanksgiving, Christmas and New Years. Deer and birds on and invof arpt. Rwy 08–26 550′ west end unsuitable for tkf or ldg due to uneven sfc.
AIRPORT MANAGER: 908-722-2444
WEATHER DATA SOURCES: ASOS 120.6 (908) 722–2139.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **NEWARK APP/DEP CON** 132.8
CLEARANCE DELIVERY PHONE: For CD ctc Newark Apch at 800-645-3206.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SOLBERG (VL) (L) VORW/DME 112.9 SBJ Chan 76 N40°34.98′ W74°44.51′ 062° 4.2 NM to fld. 189/10W.
DME unusable:
167°–040° byd 34 NM
VOR unusable:
247°–255° byd 40 NM blo 2,200′
247°–255° byd 48 NM
256°–051° byd 40 NM



SOUTH JERSEY RGNL (See MOUNT HOLLY on page 171)

SOUTHERN CROSS (See WILLIAMSTOWN on page 185)

SPARTA N41°04.05′ W74°32.30′ NOTAM FILE MIV. **NEW YORK**
(VH) (H) VORTACW 115.7 SAX Chan 104 345° 8.8 NM to Sussex. 1400/11W. **H–10I, L–33A, 34H**
VOR unusable:
004°–010° byd 40 NM
024°–035° byd 40 NM blo 5,500′
024°–035° byd 55 NM blo 11,000′
047°–060° byd 40 NM
075°–085° blo 6,500′
076°–089° byd 50 NM
126°–136° byd 40 NM
153°–154° byd 40 NM
155°–165°
166°–167° byd 40 NM
176°–180° byd 40 NM
200°–209° byd 40 NM
221°–249° byd 40 NM
287°–303° byd 40 NM
314°–319° byd 40 NM
337°–352° byd 40 NM

STILLWATER N40°59.75′ W74°52.14′ NOTAM FILE MIV. **NEW YORK**
(L) (L) VORW/DME 109.6 STW Chan 33 094° 6.0 NM to Aeroflex/Andover. 920/11W. **H–10I, L–33A, 34H**
DME unusable:
089°–099° within 12 NM blo 10,000′
210°–320° byd 30 NM blo 4,000′

SUSSEX (FWN)(KFWN) 1 SW UTC–5(–4DT) N41°12.01′ W74°37.38′ **NEW YORK**
422 B NOTAM FILE MIV **L–33A, 34H**
RWY 03–21: H3506X75 (ASPH) MIRL 0.6% up SW **IAP**
RWY 03: REIL. PAPI(P2L)—GA 4.0° TCH 40′. Thld dsplcd 466′. Trees.
RWY 21: REIL. Thld dsplcd 756′. Trees.
SERVICE: **FUEL** 100LL, JET A **LGT** Dusk–Dawn. ACTVT MIRL Rwy 03–21—CTAF. PAPI and REIL Rwy 03 OTS indef. Rwy 21 REIL OTS indef.
AIRPORT REMARKS: SUAttended 1330–2200Z‡. Parachute Jumping. Deer and birds on and invof arpt. Fuel self–svc. Drop zone located southwest side of rwy. Main twy southwest 1500′ clsd. Non–std twy width, twy and rwy mrks. Aircraft opns on blacktop only. No TGL or PLA allowed. Lndg fee arpt.
AIRPORT MANAGER: (973) 702-1640
WEATHER DATA SOURCES: ASOS 118.525 (973) 970–3780.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**NEWARK APP/DEP CON** 123.775
CLEARANCE DELIVERY PHONE: For CD ctc Newark Apch at 800-645-3206.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SPARTA (VH) (H) VORTACW 115.7 SAX Chan 104 N41°04.05′ W74°32.30′ 345° 8.8 NM to fld. 1400/11W.
VOR unusable:
004°–010° byd 40 NM
024°–035° byd 40 NM blo 5,500′
024°–035° byd 55 NM blo 11,000′
047°–060° byd 40 NM
075°–085° blo 6,500′
076°–089° byd 50 NM
126°–136° byd 40 NM
153°–154° byd 40 NM
155°–165°
166°–167° byd 40 NM
176°–180° byd 40 NM
200°–209° byd 40 NM
221°–249° byd 40 NM
287°–303° byd 40 NM
314°–319° byd 40 NM
337°–352° byd 40 NM

TETERBORO (TEB)(KTEB) 1 SW UTC–5(–4DT) N40°51.01´ W74°03.65´ **NEW YORK**
8 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE TEB **COPTER**
RWY 01–19: H6997X150 (ASPH–GRVD) S–50, D–100 PCR 459 F/D/X/T HIRL CL **H–10I, 12J, L–33B, 34H**
RWY 01: REIL. PAPI(P4L)—GA 3.1° TCH 56´. Thld dsplcd 770´. Tree. **IAP, AD**
RWY 19: TDZL. REIL. PAPI(P4L)—GA 3.0° TCH 57´. Thld dsplcd 767´. Bldg.
RWY 06–24: H6014X150 (ASPH–GRVD) S–50, D–100 PCR 343 F/D/X/T HIRL CL
RWY 06: MALSR. TDZL. REIL. RVR–TR Tree.
RWY 24: REIL. PAPI(P4L)—GA 3.2° TCH 46´. RVR–TR Tree.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 01	06–24	4550
RWY 06	01–19	3750

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA–6997 TODA–6997 ASDA–6929 LDA–6159
RWY 06: TORA–6014 TODA–6014 ASDA–6014 LDA–6014
RWY 19: TORA–6997 TODA–6997 ASDA–6997 LDA–6230
RWY 24: TORA–6014 TODA–6014 ASDA–6014 LDA–6014

ARRESTING GEAR/SYSTEM

RWY 06: EMAS
RWY 19: EMAS
RWY 24: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Rwy 01–19 dsplcd thld centerline lgts OTS indef.

NOISE: Acft and helicopter noise abatement rules in effect, ctc noise abatement office 201–393–0399/288–1775 for copy of procedures and rules prior to arrival. Rwy 24 noise critical rwy maximum noise limit of 80 db between 0300–1200Z‡ and 90 db all other hrs. NOTE: See Special Notices—Terminal Area Graphic Notice.

AIRPORT REMARKS: Attended continuously. CLOSED to motorless acft, uncontrolled acft and ultralight activity exc by prior permission. Deer and bird activity on and invof arpt. All acft avoid hospital 1.7 miles north of Rwy 01–19. Helicopter ops over residential areas blo 1000´ MSL should be avoided. Daily continuous construction activity all quadrants. Stage I acft not permitted to opr at Teterboro Arpt. Acft capable of opr abv 100,000 lbs must submit certification to arpt manager verifying acft opr weight is less than 100,000 lbs. Ctc arpt ops at 201–288–1775 for forms. ARFF Index B equipment coverage provided. TPA—1500 (1492) for large/turbine acft, 1000 (992) for all others. RNAV (GPS) X Rwy 06 is prim RNAV apch to Rwy 06. SAID in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Traffic Awareness. NOTE: See Special Notices—Arrival Alert.

AIRPORT MANAGER: 201-807-4019

WEATHER DATA SOURCES: ASOS (201) 473–3130

COMMUNICATIONS: D–ATIS 132.85 114.2 (201)–426–9510
RCO 122.2 (MILLVILLE RADIO)
NEWARK APP CON 127.6 **RAMP CTL** 120.675
TOWER 119.5 125.1 **GND CON** 121.9 **CLNC DEL** 128.05
NEWARK DEP CON 119.2 126.7
CPDLC (LOGON KUSA)
PDC

AIRSPACE: CLASS D.

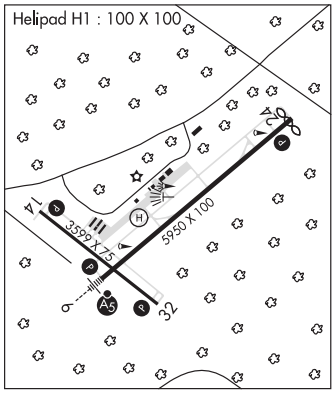
RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.
(T) (T) VORW/DME 108.4 TEB Chan 21 N40°50.92´ W74°03.73´ at fld. 8/11W.
DME unusable:
060°–080° byd 22 NM blo 2,500´
081°–120° blo 4,000´
121°–180° blo 3,000´
236°–246°
VOR unusable:
081°–120° blo 4,000´
121°–180° blo 3,000´
236°–246°
ILS/DME 111.75 I–TEB Chan 54(Y) Rwy 06. Class IE. LOC unusable byd 14° left of course. Glideslope unusable byd 6° left of course.
ILS/DME 110.15 I–TJL Chan 38(Y) Rwy 19. Class IE.

COMM/NAV/WEATHER REMARKS: For radar svc blo 1800´ ctc Teterboro twr frequency 119.5. Arpt ops frequency 130.575.

TOMS RIVER

OCEAN CO (MJX)(KMJX) 5 SW UTC–5(–4DT) N39°55.56′ W74°17.73′ **WASHINGTON**
86 B NOTAM FILE MJX **H–10I, 12J, L–34G**
IAP

RWY 06–24: H5950X100 (ASPH) S–100, D–176, 2D–581 PCN 45 F/A/X/T HIRL
RWY 06: MALSR. PAPI(P2L)—GA 3.0° TCH 56′.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 55′. Thld dsplcd 115′.
RWY 14–32: H3599X75 (ASPH) S–94, D–150 PCN PCN/35/F/A/X/T MIRL 0.3% Up NW
RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 40′.
RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 40′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–5950 TODA–5950 ASDA–5835 LDA–5835
RWY 24: TORA–5950 TODA–5950 ASDA–5950 LDA–5835
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** ACTIVATE MALSR Rwy 06; REIL Rwy 14, Rwy 32, Rwy 24; PAPI Rwy 06, Rwy 24, Rwy 14 and Rwy 32; HIRL Rwy 06–24; MIRL Rwy 14–32—CTAF.
AIRPORT REMARKS: Attended Apr–Oct 1300–0100Z‡, Nov–Mar 1300–2200Z‡. Unatndd Christmas and New Years Day. Prearrange for svcs aft hrs call 732–797–1077. Deer on and invof arpt.
AIRPORT MANAGER: (732) 929-2054
WEATHER DATA SOURCES: AWOS–3PT 119.875 (732) 797–2542.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **MC GUIRE APP/DEP CON** 126.475
CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
COYLE (H) (H) VORTACW 113.4 CYN Chan 81 N39°49.04′ W74°25.90′ 054° 9.1 NM to fld. 203/10W.
VOR unusable:
044°–054° blo 3,800′
ILS 109.9 I–MJX Rwy 06. Class IA. Unmonitored.



HELIPAD H1: H100X100 (ASPH)
HELIPORT REMARKS: Helipad H1 perimeter lights. ACTIVATE perimeter lgts—CTAF.

TRENTON MERCER (TTN)(KTTN) P (ARNG) 4 NW UTC–5(–4DT) N40°16.60′ W74°48.81′ **NEW YORK**
213 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE TTN **H–10I, 12J, L–34G, A**
RWY 06–24: H6006X150 (ASPH–GRVD) S–120, D–180, 2S–175, 2D–320 PCR 590 F/B/X/T HIRL **IAP, AD**
0.5% up NE
RWY 06: MALSR. Tree.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 42′.
RWY 16–34: H4800X150 (ASPH–GRVD) S–120, D–180, 2S–175, 2D–320 PCR 700 F/B/X/T HIRL 0.8% up NW
RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40′.
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 50′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–6006 TODA–6006 ASDA–6006 LDA–6006
RWY 16: TORA–4800 TODA–4800 ASDA–4800 LDA–4800
RWY 24: TORA–6006 TODA–6006 ASDA–6006 LDA–6006
RWY 34: TORA–4800 TODA–4800 ASDA–4800 LDA–4800
ARRESTING GEAR/SYSTEM
RWY 06: EMAS
RWY 16: EMAS
RWY 24: EMAS
RWY 34: EMAS
SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 2, 4 **LGT** When ATCT clsd ACTVT HIRL Rwy 06–24; HIRL Rwy 16–34; MALSR Rwy 06; PAPI Rwy 24; 16; 34; REIL Rwys 24; 16; 34 and twy lgts—CTAF. **MILITARY— FUEL** J8 (Mil)–Avbl at ARNG ramp, PPR DSN 445–9261 C609–671–4857. (NC–100LL, A , PPR C609–771–9500.) **FLUID** LPOX–avbl on prior req 0500–1000Z‡, C609–771–9500/883–2146.
NOISE: Noise abatement procedures in effect, departures over 12,500 lbs fly rwy heading until 1700′ MSL, departures under 12,500 lbs fly rwy heading until 1200′ MSL.
AIRPORT REMARKS: Attended continuously. Geese and flocks of sea gulls and deer on and invof arpt. Fuel avbl continuously. Twr view of Twy J obsc ctn ADZ. No touch and go ldg or training ops 0300–1200Z‡. TPA—for acft under 12,500 lbs 1200(987), acft over 12,500 lbs 1700(1487). Voluntary curfew 0500–1100Z‡. ARFF mnts gnd and ATCT freqs durg ATC zero events. Twy E clsd to acft wingspan more than 110 ft exc 24 hr PPR 609–883–0994. Twy C clsd to acft more than 40,000 lbs. Ldg fee for all tran acft. User fee arpt.
AIRPORT MANAGER: 609-882-1601
WEATHER DATA SOURCES: ASOS 126.775 (609) 538–8690. LAWRS.
COMMUNICATIONS: CTAF 120.7 **ATIS** 126.775 **UNICOM** 122.95
Ⓡ **PHILADELPHIA APP/DEP CON** 123.8
TOWER 120.7 (1100–0300Z‡) **GND CON** 121.9 **CLNC DEL** 121.9
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc PHL Apch at (800) 354-9884.
AIRSPACE: CLASS D svc 1100–0300Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
YARDLEY (L) (L) VORW/DME 108.2 ARD Chan 19 N40°15.20′ W74°54.46′ 082° 4.5 NM to fld. 294/10W.
VOR unusable:
020°–040°
195°–225° byd 25 NM blo 5,000′
250°–265° blo 3,500′
266°–280° byd 20 NM blo 5,000′
281°–300° byd 14 NM blo 6,000′
DME unusable:
225°–275° byd 25 NM blo 5,000′
ILS 111.3 I–TTN Rwy 06. Class IB. Unmonitored when ATCT closed.

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HELIPAD H1: H64X64 (ASPH)
HELIPAD H2: H64X64 (ASPH)
HELIPAD H3: H64X64 (ASPH)
HELIPORT REMARKS: Helipad H1 located at intersection of Twys H and H1. Helipad H2 located at NE end of Twy B.

TRENTON–ROBBINSVILLE (See ROBBINSVILLE on page 177)

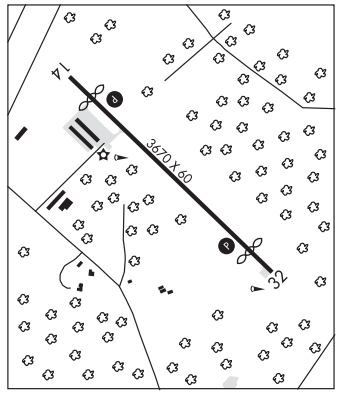
VINELAND

KROELINGER (29N) 3 N UTC–5(–4DT) N39°31.44′ W75°02.78′ **WASHINGTON**
93 NOTAM FILE MIV **L–34G, A**
RWY 10–28: 2086X190 (TURF)
RWY 10: Tree.
RWY 28: P–line.
AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt. Rwy 10 trees near apch end and along rwy sides.
AIRPORT MANAGER: 856-794-2134
COMMUNICATIONS: CTAF 122.9
Ⓡ**ATLANTIC CITY APP/DEP CON** 124.6
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 267° 3.8 NM to fld. 120/10W.

VINELAND–DOWNSTOWN (28N) 4 NE UTC–5(–4DT) N39°32.38′ W74°58.06′ **WASHINGTON**
120 TPA—1320(1200) NOTAM FILE MIV
RWY 02–20: 2251X100 (TURF) LIRL
RWY 02: Tree.
RWY 20: Bldg.
RWY 12–30: 1800X100 (TURF)
RWY 12: Fence.
RWY 30: Fence.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** Arpt lgts PPR call 856–697–3300. Rwy 02–20 nonstandard LIRL due to spacing. Thld and rwy end lgts nonstandard colors.
AIRPORT REMARKS: Attended Apr–Nov 1300–2100Z‡. Unattended Dec–Mar. Arpt CLOSED at night to transients. For fuel phone 856–697–3300. Radio controlled models opr on Rwy 12. Rwy 12–30 restricted to agricultural and firefighting acft only. Heavy agricultural opns Apr–Oct.
AIRPORT MANAGER: 856-207-6027
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

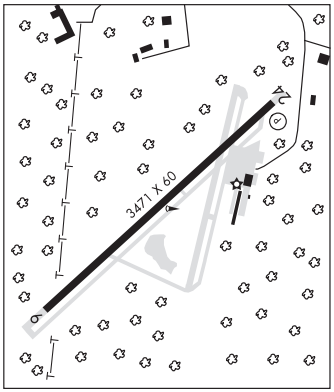
WEST CREEK

EAGLES NEST (31E) 2 N UTC–5(–4DT) N39°39.93′ W74°18.48′ **WASHINGTON**
39 B NOTAM FILE MIV **L–34G**
RWY 14–32: H3670X60 (ASPH) HIRL **IAP**
RWY 14: PAPI(P2L)—GA 4.0° TCH 45′. Thld dsplcd 400′. Tree.
RWY 32: PAPI(P2L)—GA 4.0° TCH 45′. Thld dsplcd 400′. Tree. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT PAPI Rwy 14 and 32; HIRL Rwy 14–32—CTAF. Rwy 32 PAPI unusable 5 deg left of course.
AIRPORT REMARKS: Attended Nov–Mar SR–SS, Apr–Oct 1400–2200Z‡. Parachute Jumping. Deer on and invof arpt. Parachute drop zone southwest corner of arpt. Remote controlled acft opr adjacent to rwy. Seasonal banner towing opns parl to left side Rwy 32. Btn the hrs of SS–SR take off Rwy 32 only, ldg Rwy 14 only.
AIRPORT MANAGER: 609-296-1229
COMMUNICATIONS: CTAF 122.9
APP/DEP CON 134.25
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
COYLE (H) (H) VORTACW 113.4 CYN Chan 81 N39°49.04′ W74°25.90′ 158° 10.8 NM to fld. 203/10W.
VOR unusable:
044°–054° blo 3,800′



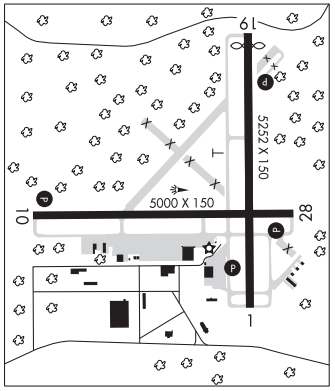
WEST MILFORD

GREENWOOD LAKE (4N1) 1 E UTC–5(–4DT) N41°07.70′ W74°20.79′ **NEW YORK**
790 B NOTAM FILE MIV **L–33A, 34H**
RWY 06–24: H3471X60 (ASPH) MIRL **IAP**
RWY 06: Trees. Rgt tfc.
RWY 24: PAPI(P2L)—GA 3.5° TCH 44′. Tree.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MIRL Rwy 06–24—CTAF, 5 clicks. PAPI Rwy 24 opr consly.
AIRPORT REMARKS: Attended 1300–2200Z‡. Deer and birds on and invof arpt. Arpt subject to gusting wind and frequent cross winds. Some rwy and twy lgts taller than standard. Rwy 06–24 Steep rock ledges lctd just byd both rwy ends.
AIRPORT MANAGER: 973-728-7721
COMMUNICATIONS: CTAF 122.9
Ⓡ **NEWARK APP/DEP CON** 127.6
CLEARANCE DELIVERY PHONE: For CD ctc Newark Apch at 800-645-3206.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SPARTA (VH) (H) VORTACW 115.7 SAX Chan 104 N41°04.05′ W74°32.30′ 078° 9.4 NM to fld. 1400/11W.
VOR unusable:
004°–010° byd 40 NM
024°–035° byd 40 NM blo 5,500′
024°–035° byd 55 NM blo 11,000′
047°–060° byd 40 NM
075°–085° blo 6,500′
076°–089° byd 50 NM
126°–136° byd 40 NM
153°–154° byd 40 NM
155°–165°
166°–167° byd 40 NM
176°–180° byd 40 NM
200°–209° byd 40 NM
221°–249° byd 40 NM
287°–303° byd 40 NM
314°–319° byd 40 NM
337°–352° byd 40 NM
COMM/NAV/WEATHER REMARKS: CTAF: automated UNICOM; 3 clicks to actvt.



WILDWOOD

CAPE MAY CO (WWD)(KWWD) 4 NW UTC–5(–4DT) N39°00.50′ W74°54.51′ **WASHINGTON**
22 B NOTAM FILE WWD MON Airport **H–10I, 12J, L–34G, A**
RWY 01–19: H5252X150 (ASPH) S–83, D–121, 2S–95, 2D–190 **IAP**
PCN 39 F/C/X/T HIRL
RWY 01: PAPI(P4L)—GA 3.0° TCH 40′. Tree.
RWY 19: PAPI(P4L)—GA 3.0° TCH 40′. Thld dsplcd 215′. Road.
RWY 10–28: H5000X150 (ASPH) S–45, D–75, 2S–95, 2D–120 MIRL
RWY 10: PAPI(P4L)—GA 3.0° TCH 45′. Trees.
RWY 28: PAPI(P4L)—GA 3.0° TCH 57′. Tower.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–5252 TODA–5252 ASDA–5036 LDA–5036
RWY 19: TORA–5252 TODA–5252 ASDA–5252 LDA–5036
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTVT PAPI Rwy 01, 10, 19 and Rwy 28; HIRL Rwy 01–19; MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Birds on and invof arpt. PAEW within the safety area of all rwys and twys daily May thru Oct. All ultralight acft, glider ops and formation PPR (609) 886–8652 Mon–Fri 1300–2100Z‡. Twy B south of Twy A can only be used by acft with wingspans less than 79′. Twy A west of Twy F can only be used by acft with wingspans less than 79′. Unmanned aircraft systems (UAS) activity on and around airfield. Self–svc fuel avbl 24 hrs with credit card located on apron near intersection of Twy A and Twy F. Rwy 19 calm wind rwy. Twy C is an FAA research twy and is rstd to acft with wt lmt of 28,000 lbs and should not be used by acft gtr than 28,000 lb. Arpt sfc conds not rprtd 1300–2300Z‡.



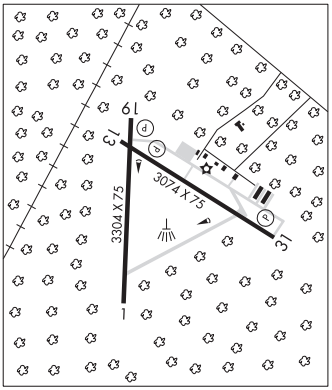
AIRPORT MANAGER: 302-757-2952
WEATHER DATA SOURCES: AWOS–3PT 118.275 (609) 886–9089.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**ATLANTIC CITY APP/DEP CON** 124.6
CLNC DEL 121.7
CLEARANCE DELIVERY PHONE: For CD ctc Atlantic City Apch at 609-485-6192.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SEA ISLE (VH) (H) VORTACW 114.8 SIE Chan 95 N39°05.73′ W74°48.02′ 233° 7.3 NM to fld. 8/9W.
VOR unusable:
060°–110° byd 20 NM blo 3,900′
260°–270° byd 40 NM blo 7,000′
260°–270° byd 56 NM
269°–279° byd 36 NM blo 3,000′
295°–300° byd 40 NM
310°–045° byd 40 NM
DME unusable:
065°–110°
238°–048° byd 34 NM blo 1,800′
TACAN AZIMUTH unusable:
065°–110°
WATERLOO (VL) (L) VORW/DME 112.6 ATR Chan 73 N38°48.59′ W75°12.68′ 059° 18.5 NM to fld. 5/9W.
DME unusable:
179°–293° byd 30 NM blo 2,000′
265°–309° byd 40 NM
327°–050° byd 40 NM
VOR unusable:
011°–050° byd 40 NM
268°–307° byd 40 NM
327°–344° byd 40 NM
345°–010°
LOC 108.9 I–CEJ Rwy 19. LOC unmonitored.

WILLIAMSTOWN

SOUTHERN CROSS (CØ1) 3 SW UTC–5(–4DT) N39°39.33′ W75°00.87′ **WASHINGTON**
145 NOTAM FILE MIV
RWY 09–27: 2400X80 (TURF)
RWY 09: P–line.
RWY 27: Tree.
AIRPORT REMARKS: Attended ireg. Deer and birds on and invof arpt. Rwy 09 p–line marked with orange balls.
AIRPORT MANAGER: (609) 820-7987
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884

WOODBINE MUNI (OBI)(KOBI) 2 SE N39°13.15′ W74°47.69′ **WASHINGTON**
41 B NOTAM FILE MIV **L–34G, A**
IAP

RWY 01–19: H3304X75 (ASPH) S–45, D–60, 2D–120 MIRL
0.5% up N
RWY 01: Trees.
RWY 19: REIL. PAPI(P2L)—GA 3.7° TCH 21′. Trees.
RWY 13–31: H3074X75 (ASPH) S–35, D–50, 2D–110 MIRL
RWY 13: PAPI(P2L)—GA 3.0° TCH 20′. Trees.
RWY 31: REIL. PAPI(P2R)—GA 3.5° TCH 25′. Trees.



SERVICE: S4 **FUEL** 100LL **LGT** Rwy 19 PAPI high intensity only. Rwy 13 PAPI high intensity only. Rwy 31 PAPI high intensity only. ACTIVATE MIRL Rwy 13–31 and Rwy 01–19 —CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1330–1930Z‡. Banner towing ops Memorial through Labor Day occasionally other times. Medevac helicopter activity all days and hrs. Rwy 01–19 sgfnt nr of longl and transverse cracks on rwy with weeds and grass growing in cracks. Rwy 13–31 sgfnt nr of longl and transverse cracks on rwy with grass and weeds growing in cracks.
AIRPORT MANAGER: 609-861-5301
WEATHER DATA SOURCES: AWOS–3 120.475 (609) 861–0610.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **ATLANTIC CITY APP/DEP CON** 124.6
GCO 121.725 (ATLANTIC CITY APP CON)
CLEARANCE DELIVERY PHONE: For CD if una via GCO ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SEA ISLE (VH) (H) VORTACW 114.8 SIE Chan 95 N39°05.73′ W74°48.02′ 011° 7.4 NM to fld. 8/9W.
VOR unusable:
060°–110° byd 20 NM blo 3,900′
260°–270° byd 40 NM blo 7,000′
260°–270° byd 56 NM
269°–279° byd 36 NM blo 3,000′
295°–300° byd 40 NM
310°–045° byd 40 NM
DME unusable:
065°–110°
238°–048° byd 34 NM blo 1,800′
TACAN AZIMUTH unusable:
065°–110°

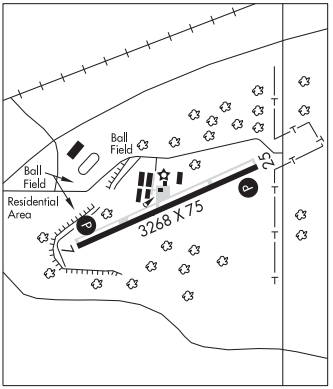
WOODSTOWN N39°38.16′ W75°18.18′ NOTAM FILE MIV. **WASHINGTON**
(L) (L) VORTACW 112.8 OOD Chan 75 082° 13.2 NM to Cross Keys. 147/10W. **H–10I, L–34G, A**
VOR unusable:
039°–041° byd 20 NM blo 2,500′
090°–105°
159°–190°
DME unusable:
045°–065° byd 20 NM blo 2,500′
090°–105°

ADIRONDACK RGNL (See SARANAC LAKE on page 241)

AIRHAVEN (See STAATSBURG on page 248)

AIRLANE ENTERPRISES (See CLAY on page 195)

AKRON/JESSON FLD (9G3) 1 E UTC–5(–4DT) N43°01.27′ W78°28.96′ **DETROIT**
840 B NOTAM FILE BUF **L–31E**
RWY 07–25: H3268X75 (ASPH) S–8 MIRL 0.3% up NE **IAP**
RWY 07: PAPI(P2L)—GA 4.0° TCH 54′. Trees.
RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 55′. Trees.
SERVICE: **FUEL** 100LL **LGT** ACTVT PAPI Rwy 07 & 25, REIL Rwy 25; MIRL Rwy 07–25—CTAF. Rwy 07 VGSI unusbl byd 7 degs right of cntrln.
NOISE: Rwy 25 noise abatement—mntn rwy hdg til 3/4 miles byd dep end Rwy 25 bfr turning.
AIRPORT REMARKS: Unattended. For atndtc call 716–864–5004. 100LL fuel 24 hr self svc. Call arpt mgr. Parallel twy lighted and 35′ wide.
AIRPORT MANAGER: 716-542-4607
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **BUFFALO APP/DEP CON** 126.15
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BUFFALO (DH) DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 052° 9.1 NM to fld. 730.
DME unusable:
051°–085° byd 25 NM blo 4,500′
301°–050° byd 25 NM blo 3,500′



ALBANY INTL (ALB)(KALB) P (ARNG) 6 NW UTC–5(–4DT) N42°44.95′ W73°48.12′ **NEW YORK**
285 B AOE Class I, ARFF Index C NOTAM FILE ALB **H–10I, 11C, 12K, L–32G, 33B, 34I**
RWY 01–19: H8500X150 (ASPH–GRVD) S–140, D–200, 2D–400 PCR 508 F/D/X/T HIRL **IAP, AD**
CL 0.3% down N
RWY 01: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 53′. RVR–TR
RWY 19: MALSR. PAPI(P4L)—GA 3.0° TCH 53′. RVR–TR Tree.
RWY 10–28: H7200X150 (ASPH–GRVD) S–140, D–200, 2D–400 PCR 266 F/D/X/T HIRL CL
RWY 10: REIL. Ground.
RWY 28: REIL. PAPI(P4L)—GA 3.22° TCH 53′. Thld dsplcd 1192′. Tree.
LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 01	10–28	4150
RWY 28	01–19	3757

RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–8500 TODA–8500 ASDA–8500 LDA–8500
RWY 10: TORA–7200 TODA–7200 ASDA–6780 LDA–6780
RWY 19: TORA–8500 TODA–8500 ASDA–8500 LDA–8500
RWY 28: TORA–7200 TODA–7200 ASDA–7200 LDA–6007
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **FUEL** (NC–100LL, A) **FLUID** HPOXRB
AIRPORT REMARKS: Attended continuously. Birds, deer and other wildlife on and invof arpt. Mowing wi safety areas of all rwys and twys May thru Nov. Wx balloon launches aprxly 3 mi S of arpt at 1100Z‡ and 2300Z‡. Twy C west of Twy A: non mov area. Twy D east of Rwy 01–19 rstrd to acft 12,500 lbs and less. No acft prkg btn fire stn and Twy L. Cust/Img Flt Info Svc lctd N end GA apn. Acft clrg Cust use painted psn mkgs and procd to minimize blast impact. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Arrival Alert.
AIRPORT MANAGER: 518-242-2384
WEATHER DATA SOURCES: ASOS 120.45 (518) 218–6284. LLWAS. WSP.
COMMUNICATIONS: D–ATIS 120.45 **UNICOM** 122.95)
Ⓡ **APP/DEP CON** 118.05 (194°–011°) 132.825 (011°–194°)
TOWER 119.5 **GND CON** 121.7 **CLNC DEL** 127.5 **NG OPNS** 30.1 (FM) 122.775 258.2
PDC
AIRSPACE: CLASS C svc ctc **APP CON**.

CONTINUED ON NEXT PAGE

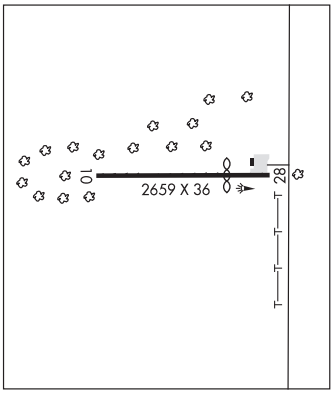
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VOR TEST FACILITY (VOT) 108.2
RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.
(L) (L) VORTACW 115.3 ALB Chan 100 N42°44.84′ W73°48.19′ at fld. 273/13W.
VOR unusable:
045°–065° byd 11 NM
066°–069° byd 11 NM blo 10,000′
078°–088° byd 20 NM blo 10,000′
109°–121°
121°–131° byd 30 NM
121°–131° wi 30 NM blo 9,900′
131°–168°
184°–189°
226°–269° byd 29 NM blo 15,000′
312°–315°
333°–343°
TACAN AZIMUTH unusable:
032°–042° byd 15 NM
164°–168°
303°–308° byd 37 NM
308°–333°
DME unusable:
303°–308° byd 37 NM
ILS/DME 109.5 I–DEJ Chan 32 Rwy 01. Class IIE.
ILS/DME 109.5 I–ALB Chan 32 Rwy 19. Class IB.
COMM/NAV/WEATHER REMARKS: Class C information avbl on ATIS frequency 20 NM.

ALBERT S NADER RGNL (See ONEONTA on page 234)

ALBION

PINE HILL (9G6) 5 SW UTC–5(–4DT) N43°10.41′ W78°16.48′ **DETROIT**
669 TPA—2169(1500) NOTAM FILE BUF **L–31E, 32F**
RWY 10–28: H2659X36 (ASPH) S–12 0.6% up E **IAP, AD**
RWY 10: Tree.
RWY 28: Thld dsplcd 250′. Road.
AIRPORT REMARKS: Unattended. Parachute Jumping. 245′ twr 1500′ SSE AER 28. Rwy 10 number only, no cntrln. Rwy 28 number only, no cntrln, thld bar, or arrow heads.
AIRPORT MANAGER: 716-597-7393
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BUFFALO APP/DEP CON** 126.15
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BUFFALO (DH) DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 048° 22.0 NM to fld. 730.
DME unusable:
051°–085° byd 25 NM blo 4,500′
301°–050° byd 25 NM blo 3,500′



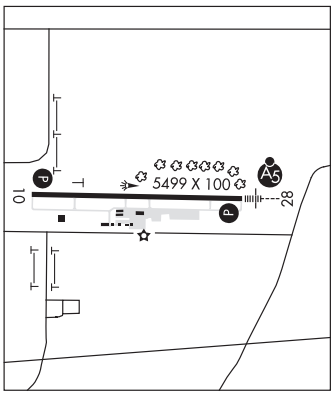
ALPINE N42°14.32′ W76°45.84′ NOTAM FILE ELM. **NEW YORK**
NDB (MHW) 245 ALP 242° 7.4 NM to Elmira/Corning Rgnl. 1287/12W. **L–30J, 32F**

ARCADE TRI–COUNTY (D23) 2 N UTC–5(–4DT) N42°34.00′ W78°25.57′ **DETROIT**
1745 NOTAM FILE BUF
RWY 09–27: 3220X60 (GRVL)
RWY 09: Trees.
RWY 27: Trees.
RWY 14–32: 2710X80 (TURF)
RWY 14: Trees.
RWY 32: Trees.
AIRPORT REMARKS: Unattended. PPR. Rwy 09–27 clsd Nov thru Apr. Rwy 14–32 clsd Oct thru May. Deer on and invof arpt.
AIRPORT MANAGER: 716-864-3354
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

ARGYLE (1C3) 2 NE UTC–5(–4DT) N43°15.27′ W73°28.21′ **NEW YORK**
330 NOTAM FILE BTV
RWY 03–21: 2400X87 (TURF)
RWY 03: Tree.
RWY 21: Tree.
AIRPORT REMARKS: Attended 1400Z‡–dusk. Arpt may be CLOSED wet wx call 518–638–9723. Birds and wildlife may be on or invof arpt. Ultralgts on and invof arpt. Rwy 03–21 wid varies from 87′—100′. Rwy generally plowed drg winter but may be snowy/icy. Mowing or plowing may occur durg dalgt hrs; CTAF mntd. Check/inspect bfr taking off or lndg and use at your discretion.
AIRPORT MANAGER: 518-638-9723
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

BATAVIA

GENESEE CO (GVQ)(KGVQ) 2 N UTC–5(–4DT) N43°01.91′ W78°10.18′ **DETROIT**
914 B NOTAM FILE GVQ **H–10H, 11B, L–31E, 32F**
RWY 10–28: H5499X100 (ASPH–GRVD) S–21, D–33 HIRL **IAP**
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Fence.
RWY 28: MALSR. PAPI(P2L)—GA 3.0° TCH 62′.
SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 1 **LGT** ACTVT MALSR Rwy 28; REIL Rwy 10; PAPI Rwy 10 and 28; HIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended Apr–Oct 1230–0100Z‡, Nov–Mar 1230–2330Z‡. For aftr hrs atndt, call 585–344–8532 durg atnd hrs. Call in fee. 5′ berm 220′ N, 1600–2200′ E of Rwy 10 end.
AIRPORT MANAGER: 585-344-8532
WEATHER DATA SOURCES: AWOS–3PT 127.525 (585) 343–6369.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**ROCHESTER APP/DEP CON** 123.7
CLNC DEL 121.8
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESEO (L) (L) VORW/DME 108.2 GEE Chan 19 N42°50.06′ W77°43.97′ 311° 22.6 NM to fld. 990/9W.
VOR portion unusable:
208°–224° byd 29 NM blo 5,000′
225°–230°
231°–245° byd 29 NM blo 5,000′
DME unusable:
115°–120° byd 29 NM blo 4,000′
140°–155° byd 30 NM blo 5,000′
ILS 108.9 I–GVQ Rwy 28. Glideslope unusable for coupled approaches below 1,433′.



BAYPORT AERODROME (23N) 1 NW UTC–5(–4DT) N40°45.46′ W73°03.16′ **NEW YORK**
39 TPA—639(600) NOTAM FILE ISP **COPTER**
RWY 18–36: 2750X150 (TURF) 0.3% up N
RWY 18: Trees. Rgt tfc.
RWY 36: Thld dsplcd 556′. Trees.
NOISE: All downwind spacing for Rwy 18–36 should be over lakes for noise abatement.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Arpt CLOSED 30 mins after SS–30 mins before SR. Phone at arpt 631–467–3279. Rwy 18–36 west 75′ width open May–Sep, east 75′ width open Oct–Apr. No clsd tfc pat or touch and go ldgs. All tfc enter 45° left base for Rwy 36 at 600′ MSL due to heavy jet tfc Rwy 33L at ISP. All tfc enter 45° rgt downwind for Rwy 18 over lakes at 600′ MSL due to heavy jet tfc ldg Rwy 33L at ISP. Rwy 18 thld marked with conc blocks flush with turf sfc. Rwy 36 thld and dsplcd thld marked with conc blocks flush with turf sfc. Rwy 36 dsplcd thld marked with 1′ wide apron and 2′ wide thld (white) both made with conc blocks flush with turf sfc. Pilots be advised due to pattern procedures, acft in the run–up area or starting takeoff roll on Rwy 36, and acft on final approach to Rwy 36, may not be able to see each other due to trees.
AIRPORT MANAGER: 631-467-3300
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449.

BECKS GROVE (See ROME on page 240)

BINGHAMTON

GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)(KBGM) 7 N UTC–5(–4DT) **NEW YORK**
N42°12.51´ W75°58.78´ **H–10H, 11C, 12J, L–30J, 32F, 33A**
1636 B TPA—2436(800) Class I, ARFF Index B NOTAM FILE BGM MON Airport **IAP, AD**

RWY 16–34: H7305X150 (ASPH–GRVD) S–112, D–147, 2S–159, 2D–221
PCR 740 F/D/X/T HIRL 0.9% up NW
RWY 16: MALSR. PAPI(P2L)—GA 3.0° TCH 61´. RVR–TR Thld dsplcd 400´. Antenna.
RWY 34: MALSR. PAPI(P2L)—GA 3.0° TCH 64´. RVR–TR Thld dsplcd 205´.

RWY 10–28: H5001X150 (ASPH–GRVD) S–81, D–103, 2S–159, 2D–168 PCR 350 F/D/X/T MIRL 0.4% up W
RWY 10: VASI(V4L)—GA 3.0° TCH 53´.
RWY 28: REIL. VASI(V4L)—GA 3.0° TCH 45´.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: TORA–5001 TODA–5001 ASDA–5001 LDA–5001
RWY 16: TORA–7305 TODA–7305 ASDA–7305 LDA–6905
RWY 28: TORA–5001 TODA–5001 ASDA–5001 LDA–5001
RWY 34: TORA–7305 TODA–7305 ASDA–7305 LDA–7100

ARRESTING GEAR/SYSTEM
RWY 16: EMAS
RWY 34: EMAS

SERVICE: S2 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** When twr clsd ACTIVATE MALSR Rwy 16 and Rwy 34, HIRL Rwy 16–34, MIRL Rwy 10–28 and twy lgts—CTAF.

AIRPORT REMARKS: Attended continuously. Lgtd structure 118 ft AGL 2000 ft S of AER 10. Bird act on and invof arpt. Extsv gldr act 10 NM SW of arpt. Rwy 10 tkofs and ldgs NA when ATCT clsd. Rwy 16–34 hldg psn signs for Rwy 16–34 reside aft the hold line. When hldg ensure all parts of the acft rmn bhnd the hold ln. PPR 12 hrs for unsked ACR ops with more than 9 pax seats 0400–1100Z‡ call amgr 607–763–4474. ARFF avbl 1030–0500Z‡ and/or til 15 min after the last sked ACR opn. ATCT unable to see hard sfc S of FBO hangar. FBO svcs avbl 1000–0100Z‡ Sun–Sat. Aft hrs FBO svcs ctc 607–763–4474. Ldg fee for multi–engine and turbine acft over 4000 lbs. User fee arpt.

AIRPORT MANAGER: 607-763-4471

WEATHER DATA SOURCES: ASOS (607) 200–3489

COMMUNICATIONS: CTAF 119.3 **ATIS** 128.15 **UNICOM** 122.95
Ⓡ **BINGHAMTON APP/DEP CON** 118.6 (Sfc–5000´) 127.55 (6000–8000´) (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP/DEP CON** 132.175 (0500–1100Z‡)
BINGHAMTON TOWER 119.3 (1100–0500Z‡) **GND CON** 121.9 **CLNC DEL** 125.05

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York ARTCC at 631-468-1425.

AIRSPACE: CLASS D svc 1100–0500Z‡; other times CLASS E.
TRSA svc ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BINGHAMTON (L) (L) VORW/DME 112.2 CFB Chan 59 N42°09.45´ W76°08.19´ 076° 7.6 NM to fld. 1583/10W. VOR unusable:
023°–033° byd 15 NM blo 6,000´
ILS 110.3 I–AAJ Rwy 16. Class IB. Unmonitored when twr clsd.
ILS 110.3 I–BGM Rwy 34. Class IA. Unmonitored when twr clsd. Glideslope autopilot cpd apch NA blw 1,850´ MSL.

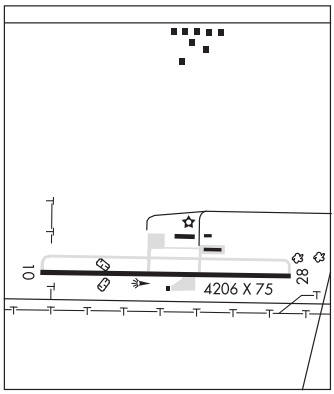
COMM/NAV/WEATHER REMARKS: For Clnc Del when twr clsd ctc Buffalo Radio on CFB RCO 122.1R 112.2T.

HELIPAD H1: H54X54 (ASPH) PERIMETER LGTS
HELIPORT REMARKS: Helipad lctd at the int of Twy L and the W apron.

BLUE HERON (See GALLUPVILLE on page 204)

BROCKPORT

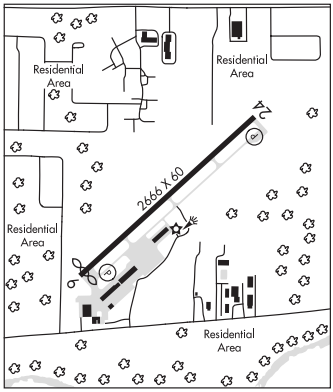
LEDGEDALE AIRPARK (7GØ) 3 SE UTC–5(–4DT) N43°10.87′ W77°54.93′ **DETROIT**
665 B NOTAM FILE BUF **L–31E, 32F**
RWY 10–28: H4206X75 (ASPH) S–12 **IAP**
RWY 10: Trees.
RWY 28: Trees.
SERVICE: S4 **FUEL** 100LL, JET A
AIRPORT REMARKS: Attended 1500–2100Z‡. After hr—585–880–3290. Birds spring and fall and deer invof arpt. Rwy 10 markings faded. Rwy 28 markings faded.
AIRPORT MANAGER: 585-880-3298
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **ROCHESTER APP/DEP CON** 123.7
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.
ROCHESTER (L) (L) VORW/DME 110.0 ROC Chan 37 N43°07.08′ W77°40.37′ 302° 11.3 NM to fld. 545/12W.



BROOKHAVEN (See SHIRLEY on page 245)

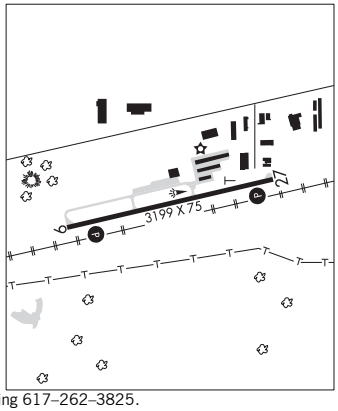
BUFFALO

BUFFALO AIRFIELD (9GØ) 6 SE UTC–5(–4DT) N42°51.72′ W78°43.00′ **DETROIT**
670 B TPA—1500(830) NOTAM FILE BUF **L–30I, 31E**
RWY 06–24: H2666X60 (ASPH) S–8 MIRL 0.3% up NE **IAP**
RWY 06: REIL. PAPI(P2R)—GA 3.0° TCH 40′. Thld dsplcd 68′. Trees.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 28′. Trees.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwys 06 and 24; MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Attend sked on call. Call amgr 716–560–1836. Deer on and invof arpt. 100LL: 24 hrs self svc fuel. Rwy 06 and Rwy 24: nmrs trees in apch. Hold line mkgs poor–none.
AIRPORT MANAGER: 716-560-1836
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **APP/DEP CON** 126.15
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
(DH) DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 218° 5.1 NM to fld. 730.
DME unusable:
051°–085° byd 25 NM blo 4,500′
301°–050° byd 25 NM blo 3,500′



BUFFALO NIAGARA INTL (BUF)(KBUF) 5 E UTC–5(–4DT) N42°56.43′ W78°43.83′ **DETROIT**
727 B LRA ARFF Index—See Remarks NOTAM FILE BUF **H–10H, 11B, L–31E**
RWY 05–23: H8829X150 (ASPH–GRVD) S–120, D–250, 2D–550, 2D/2D2–1120 PCR 2110 F/B/X/T **IAP, AD**
HIRL CL
RWY 05: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 50′. RVR–TMR Thld dsplcd 535′. Bldg. 0.9% up.
RWY 23: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 52′. RVR–TMR Thld dsplcd 725′. Tree.
RWY 14–32: H7161X150 (ASPH–GRVD) S–120, D–250, 2D–489, 2D/2D2–1016 PCR 900 F/D/X/T HIRL
RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 53′. Thld dsplcd 320′. Tree.
RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 54′. Thld dsplcd 720′. Sign.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–8829 TODA–8829 ASDA–8104 LDA–7569
RWY 14: TORA–7161 TODA–7161 ASDA–6441 LDA–6121
RWY 23: TORA–8829 TODA–8829 ASDA–8294 LDA–7569
RWY 32: TORA–7161 TODA–7161 ASDA–6841 LDA–6121
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4
AIRPORT REMARKS: Attended continuously. Heavy concentration of gulls, blackbirds, and starlings up to 5000′ on and invof arpt. Deer on and invof arpt. Class I, ARFF Index C. ARFF Index D equipment coverage provided. Twy K1 clsd 0200–1300Z‡ daily. Twy A SW runup area/hldg bay mkd design group 3 acft (generally B737 A21 or smaller), unavbl design group 4 (incl but not ltd to B757 767). Twy P btn apch end Rwy 14 and Twy P2 clsd to acft wingspan more than 117 ft. For FBO svcs ctc 131.75, for cargo svcs ctc 122.95. Ldg fee. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: (716) 630-6030
WEATHER DATA SOURCES: ASOS (716) 587–0517 WSP.
COMMUNICATIONS: D–ATIS 135.35
RCO 122.2 (BUFFALO RADIO)
Ⓡ **APP/DEP CON** 126.15 (053°–233°) 126.5 (234°–052°)
TOWER 120.5 **GND CON** 133.2 **CLNC DEL** 124.7 **PRE TAXI CLNC** 124.7
CPDLC (LOGON KUSA)
PDC
AIRSPACE: CLASS C svc ctc **APP CON**.
VOR TEST FACILITY (VOT) 109.0
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
(DH) DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 280° 3.8 NM to fld. 730.
DME unusable:
051°–085° byd 25 NM blo 4,500′
301°–050° byd 25 NM blo 3,500′
KLUMP NDB (LOMW) 231 BU N43°00.02′ W78°39.05′ 233° 5.0 NM to fld. 630/9W.
PLAZZ NDB (LOMW) 204 GB N42°52.43′ W78°48.99′ 052° 5.5 NM to fld. 593/9W. NOTAM FILE GBD.
ILS 108.5 I–GBI Rwy 05. Class IA. LOM PLAZZ NDB.
ILS 111.3 I–BUF Rwy 23. Class IE. LOM KLUMP NDB. Glideslope unusable byd 5° right of course.
ILS/DME 109.95 I–BNQ Chan 36(Y) Rwy 32. Class IE.

BUFFALO–LANCASTER RGNL (BQR)(KBQR) 12 E UTC–5(–4DT) N42°55.32′ W78°36.72′ **DETROIT**
752 B TPA—1552(800) NOTAM FILE BUF **L–31E**
RWY 09–27: H3199X75 (ASPH) MIRL **IAP**
RWY 09: REIL. PAPI(P2R)—GA 3.0° TCH 40′. Railroad.
RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Railroad.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REILS Rwy 09 and Rwy 27; PAPIS Rwy 09 and Rwy 27; MIRLS Rwy 09–27—CTAF. Rwy 09 PAPI unusbl byd 3 deg right of RCL. Rwy 27 PAPI unusbl byd 5 deg left of RCL.
AIRPORT REMARKS: For attendance call 716–860–6044. +25 ft rlrd; 215 ft S and parl to rwy.
AIRPORT MANAGER: 716-860-6044
COMMUNICATIONS: CTAF/AUNICOM 123.05
Ⓡ **APP/DEP CON** 126.15
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
(DH) DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 105° 1.6 NM to fld. 730.
DME unusable:
051°–085° byd 25 NM blo 4,500′
301°–050° byd 25 NM blo 3,500′
COMM/NAV/WEATHER REMARKS: Automated UNICOM. ADZY also avbl by calling 617–262–3825.



CLARENCE AERODROME (D51) 5 NE UTC–5(–4DT) N43º04.14´ W78º41.51´ **DETROIT**
589 NOTAM FILE BUF
RWY 10–28: 2500X67 (TURF)
RWY 10: Trees.
AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt. Ultralights on and invof arpt. Rwy 10–28 full len not avbl due to rough rwy sfc at both ends. No mkgs on rwy ends. Drive/twy crosses Rwy 10 apx 300 ft from W end. Rcmd touchdown byd txy. 2200 ft remaining.
AIRPORT MANAGER: 716-984-7905
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

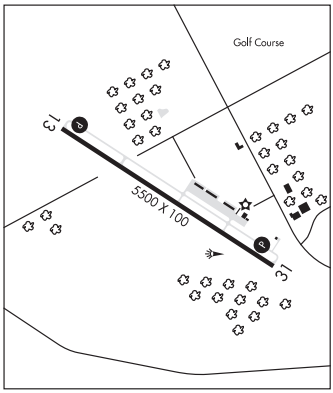
CALVERTON N40º55.78´ W72º47.93´ NOTAM FILE ISP. **NEW YORK COPTER**
(L) (DH) VORW/DME 114.55 CCC Chan 92(Y) 219º 7.2 NM to Brookhaven. 85/13W. **H–10I, L–33B, 34I**
VOR unusable:
055º–075º
233º–268º byd 25 NM
269º–290º
DME unusable:
056º–066º byd 39 NM

CAMBRIDGE

CHAPIN FLD (1B8) 2 N UTC–5(–4DT) N43º03.16´ W73º21.79´ **NEW YORK**
510 NOTAM FILE BTV
RWY 05–23: 2130X65 (TURF)
RWY 05: Tree.
RWY 23: Trees.
RWY 07–25: 2100X63 (TURF)
RWY 07: Thld dsplcd 222´. Railroad.
RWY 25: Thld dsplcd 306´. Road.
AIRPORT REMARKS: Unattended. Rwy 05–23 and Rwy 07–25 soft and wet Mar–Jun. Rwy 05–23 len rdcd on SW end. Rwy 05–23 width varies fm 65´–80´ based on mowing. Lgtd 5´ fence at Rwy 25 end. Rwy 07 and Rwy 25: dthr mkd with cones.
AIRPORT MANAGER: (518) 727-6509
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

CAMBRIDGE N42º59.66´ W73º20.64´ NOTAM FILE BTV. **NEW YORK**
(VL) (L) VORW/DME 115.0 CAM Chan 97 159º 7.5 NM to William H Morse State. 1490/14W. **H–11C, 12J, L–32G, 34J**
DME unusable:
040º–130º blo 9,000´
VOR unusable:
011º–021º byd 42 NM
022º–127º byd 40 NM
128º–144º
145º–160º byd 40 NM
161º–182º
183º–194º byd 40 NM
195º–205º
320º–010º byd 40 NM

CANANDAIGUA (IUA)(KIUA) 3 NW UTC–5(–4DT) N42°54.53′ W77°19.51′ **DETROIT**
814 B NOTAM FILE BUF **H–12J, L–31E, 32F**
RWY 13–31: H5500X100 (ASPH–GRVD) PCN 39 F/D/X/T MIRL **IAP**
0.4% up SE
RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
RWY 31: REIL. PAPI(P2R)—GA 3.0° TCH 40′. Fence.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 13 and 31; PAPI Rwy 13 and 31; MIRL Rwy 13–31—CTAF.
AIRPORT REMARKS: Attended 1200–0000Z‡. Call FBO for after hrs svc. Fqt medivac hel opns: monitor CTAF.
AIRPORT MANAGER: 585-919-2772
WEATHER DATA SOURCES: AWOS–3P 118.675 (585) 396–5861.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROCHESTER APP/DEP CON** 119.55
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESEO (L) (L) VORW/DME 108.2 GEE Chan 19 N42°50.06′ W77°43.97′ 085° 18.5 NM to fld. 990/9W.
VOR portion unusable:
208°–224° byd 29 NM blo 5,000′
225°–230°
231°–245° byd 29 NM blo 5,000′
DME unusable:
115°–120° byd 29 NM blo 4,000′
140°–155° byd 30 NM blo 5,000′



CANARSIE N40°36.75′ W73°53.67′ NOTAM FILE JFK. **NEW YORK COPTER**
(T) (T) VORW/DME 112.3 CRI Chan 70 084° 5.5 NM to John F Kennedy Intl. 4/11W. **L–33B, 34I**

CARMEL N41°16.81′ W73°34.88′ NOTAM FILE ISP. **NEW YORK COPTER**
(L) (L) VORW/DME 116.6 CMK Chan 113 051° 7.1 NM to Danbury Muni. 693/12W. **H–10I, L–33B, 34I**
VOR unusable:
001°–155°
195°–225°
245°–270°
325°–355°
DME unusable:
000°–015° byd 20 NM
034°–054° byd 20 NM
055°–135° byd 20 NM blo 5,000′
180°–200°
340°–359° byd 20 NM blo 6,000′

CATTARAUGUS CO–OLEAN (See OLEAN on page 233)

CHAPIN FLD (See CAMBRIDGE on page 193)

CHAUTAUQUA CO/DUNKIRK (See DUNKIRK on page 197)

CHAUTAUQUA CO/JAMESTOWN (See JAMESTOWN on page 212)

CLARENCE AERODROME (See BUFFALO on page 193)

CLAY

AIRLANE ENTERPRISES (1H1) 1 N UTC–5(–4DT) N43°12.35′ W76°10.76′ **NEW YORK**
385 NOTAM FILE BUF
RWY 01–19: 2220X75 (TURF)
RWY 01: Brush.
RWY 19: Trees.
RWY 10–28: 1550X97 (TURF)
RWY 10: Trees.
RWY 28: Trees.
AIRPORT REMARKS: Attended dalgt hrs. Deer on and invof arpt. Paraplane activity, evenings and weekends. Fld soft late fall and early spring. Ski oprns winters. Rwy 10 line of trees +95′ high, 55′ left. Rwy 01 30 ft p–line 260 ft fm thld. Rwy 01–19 width varies 75 ft to 90 ft. Rwy 10–28 width varies 97 ft to 136 ft. Rwy 10–28 edges marked with barrels. Rwy 01–19 edges marked with barrels. 100 ft long parl ditch rt edge of Rwy 01 first 300 ft. Rwy 01 20 ft ver drop 100 to 400 ft fr rwy end.
AIRPORT MANAGER: 315-699-5734
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

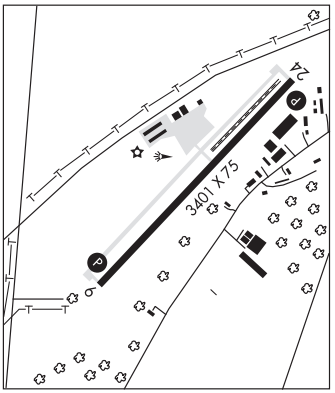
COLUMBIA CO (See HUDSON on page 210)

COOPERSTOWN–WESTVILLE (K23) 4 SE UTC–5(–4DT) N42°37.75′ W74°53.46′ **NEW YORK**
1260 NOTAM FILE BUF
RWY 02–20: 2337X125 (TURF) MIRL(NSTD)
RWY 02: NSTD. Trees. Rgt tfc.
RWY 20: NSTD. Crops.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 02–20—CTAF. Rwy 02–20 NSTD MIRL spacing, 2 thld lgts each side.
AIRPORT REMARKS: Unattended. 87 octane also avbl. Self svc fueling avbl. Call manager for svcs. Rwy edge mkd by yellow tires arnd edge lgts.
AIRPORT MANAGER: 607-437-8308
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

CORNING–PAINTED POST (7N1) 2 NW UTC–5(–4DT) N42°10.81′ W77°07.30′ **DETROIT**
962 B NOTAM FILE BUF **L–30J, 32F**
RWY 13–31: H3269X75 (ASPH) S–30 MIRL
RWY 13: REIL. Brush. Rgt tfc.
RWY 31: REIL. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 13: TORA–3269 TODA–3269 ASDA–3224 LDA–3224
RWY 31: TORA–3269 TODA–3269 ASDA–3269 LDA–3224
SERVICE: S3 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 13 and Rwy 31, MIRL Rwy 13–31—CTAF. ACTVT rotg bcn—CTAF.
AIRPORT REMARKS: Attended dalgt hrs.
AIRPORT MANAGER: 607-962-0053
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

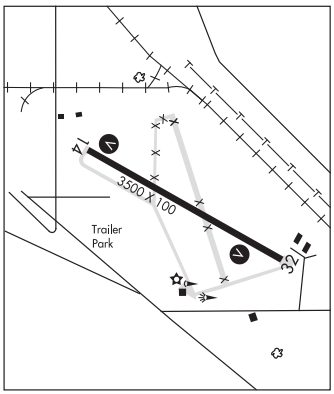
CORTLAND CO/CHASE FLD (NØ3) 2 SW UTC–5(–4DT) N42°35.56′ W76°12.89′
1197 B NOTAM FILE NO3
RWY 06–24: H3401X75 (ASPH–GRVD) S–12 MIRL 1.0% up SW
RWY 06: PAPI(P2L)—GA 4.0° TCH 40′. Pole.
RWY 24: REIL. PAPI(P2L)—GA 4.0° TCH 45′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTIVATE MIRL Rwy 06–24, REIL Rwy 24, PAPI Rwy 06 and Rwy24, and twy lgts—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1200–2030Z‡, unattended holidays. Other hrs call arpt manager. Hvy concentration of geese and gulls on and invof arpt drg spring/fall. Self svc fuel avbl 24 hrs with credit card. Snow removal during day only.
AIRPORT MANAGER: 607-745-5872
WEATHER DATA SOURCES: AWOS–3 132.225 (607) 753–9784.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BINGHAMTON APP CON** 118.6 (S–SE) (1100–0500Z‡)
Ⓡ **ELMIRA APP CON** 124.3 (W) (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP CON** 133.35 (0500–1100Z‡)
Ⓡ **SYRACUSE APP/DEP CON** (N) 126.125
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.
RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.
ITHACA (L) DME 111.8 ITH Chan 55 N42°29.70′ W76°27.58′ 062° 12.3 NM to fld. 1112.
DME unusable:
360°–160° byd 20 NM blo 6,500′

NEW YORK
L–32F
IAP



DANSVILLE MUNI (DSV)(KDSV) 1 NW UTC–5(–4DT) N42°34.23′ W77°42.80′
660 B NOTAM FILE DSV
RWY 14–32: H3500X100 (ASPH) S–30 MIRL 0.7% up SE
RWY 14: VASI(V2L)—GA 3.0° TCH 35′. Fence.
RWY 32: VASI(V4L)—GA 4.0° TCH 53′. Road.
SERVICE: **FUEL** 100LL **LGT** ACTVT VASI Rwy 14 and 32; MIRL Rwy 14–32—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1400–2130Z‡. Extensive glider activity. 100LL: 24 hr self svc. Glider use right pat for the turf area to the rgt of Rwy 32 and left pat for the turf area to the left of Rwy 14. Rwy 14 90′ relocated thld.
AIRPORT MANAGER: 585-451-3316
WEATHER DATA SOURCES: ASOS 118.325 (585) 699–2746.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **ROCHESTER APP/DEP CON** 123.7
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESEO (L) (L) VORW/DME 108.2 GEE Chan 19 N42°50.06′ W77°43.97′ 186° 15.9 NM to fld. 990/9W.
VOR portion unusable:
208°–224° byd 29 NM blo 5,000′
225°–230°
231°–245° byd 29 NM blo 5,000′
DME unusable:
115°–120° byd 29 NM blo 4,000′
140°–155° byd 30 NM blo 5,000′

DETROIT
L–30I, 31E, 32F
IAP



DART (See MAYVILLE on page 219)

DEER PARK N40°47.51′ W73°18.22′ NOTAM FILE ISP.
(L) (L) VORW/DME 117.7 DPK Chan 124 245° 6.3 NM to Republic. 117/12W.
VOR/DME unusable:
Byd 25 NM blo 5,000′
DME unusable:
265°–274° byd 17 NM blo 5,000′
275°–280°
281°–015° byd 17 NM blo 5,000′

NEW YORK
COPTER
H–10I, L–33B, 34H

DEGRASSE MOORES (1E8) 3 N UTC–5(–4DT) N44°23.28′ W75°03.98′ **MONTREAL**
815 NOTAM FILE BTV
RWY 02–20: 2200X55 (TURF)
RWY 02: Trees.
RWY 20: Trees.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. Dirt road to hangar crosses approximate midpoint of rwy. Rwy 20 58′ trees 263′ from rwy beginning, across rwy width and approximately 800′ along both sides. 2 ft ditch imt rt of thld mkd by cones. Rwy 20 starts at approximately 250′ from trees on rwy end. Rwy 20 3 earthen ounds approx 5 ft high off right side of rwy 400 ft from thld. Trees/brush next to rwy thld L/S. Rwy 02 trees/brush next to corner of thld L/S.
AIRPORT MANAGER: (315) 379-1907
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

DELANCEY N42°10.70′ W74°57.42′ NOTAM FILE BUF. **NEW YORK**
(L) (L) VORW/DME 112.1 DNY Chan 58 301° 21.8 NM to Sidney Muni. 2560/11W. **H–11C, 12H, L–33A**

DOWNTOWN SKYPORT HELIPORT (See NEW YORK on page 223)

DUANESBURG (4B1) 0 S UTC–5(–4DT) N42°45.59′ W74°08.08′ **NEW YORK**
714 NOTAM FILE BTV
RWY 10–28: 2600X45 (TURF–GRVL) 0.5% up E
RWY 10: Road.
RWY 28: Trees.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Unattended. Rwy 10–28 grass with some areas of grvl. Check with arpt management for current condition at 518–421–8881. Rwy 10 safety area has –20′ slope 25′ from thld. Rwy 10–28 65′ trees in primary sfc south side of rwy.
AIRPORT MANAGER: 518-390-1133
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

DUNKIRK

CHAUTAUQUA CO/DUNKIRK (DKK)(KDKK) 3 E UTC–5(–4DT) N42°29.64′ W79°16.27′ **DETROIT**
692 B NOTAM FILE DKK **H–10H, L–30H**
RWY 06–24: H6000X100 (ASPH–GRVD) S–49.6, D–68, 2D–130 HIRL **IAP, AD**
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 43′.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 44′. Tree.
RWY 15–33: H4000X100 (ASPH) S–49.6, D–68, 2D–130 MIRL 0.8% up SE
RWY 15: PAPI(P4L)—GA 3.0° TCH 36′. Tree.
RWY 33: PAPI(P4L)—GA 3.1° TCH 45′. Trees.
SERVICE: S6 **FUEL** 100LL, JET A, A+ **OX** 1, 2 **LGT** ACTVT HIRL Rwy 06–24, MIRL Rwy 15–33, PAPI 06, 24, 15 and 33, and REIL Rwy 06 and 24—CTAF.
AIRPORT REMARKS: Attended 1200–2200Z‡ exc Federal Hols. Deer and birds invof arpt. FICONS not rglrly mnt. Cold temperature airport. Altitude correction required at or below –21C.
AIRPORT MANAGER: 716-581-0062
WEATHER DATA SOURCES: ASOS 119.275 (716) 413–3698.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **BUFFALO APP/DEP CON** 126.5
CLEARANCE DELIVERY PHONE: For CD ctc Buffalo ATCT at 716-626-6939/6919.
RADIO AIDS TO NAVIGATION: NOTAM FILE DKK.
DUNKIRK (DH) DME 116.2 DKK Chan 109 N42°29.42′ W79°16.45′ at fld. 681.
DME unusable:
094°–221° byd 26 NM blo 8,000′

DUNKIRK N42°29.42′ W79°16.45′ NOTAM FILE DKK. **DETROIT**
(DH) DME 116.2 DKK Chan 109 at Chautauqua Co/Dunkirk. 681. **H–10H, L–30H**
DME unusable:
094°–221° byd 26 NM blo 8,000′

EAST 34TH STREET HELIPORT (See NEW YORK on page 224)

EAST HAMPTON TOWN (JPX)(KJPX) 3 W UTC–5(–4DT) N40°57.57′ W72°15.10′ **NEW YORK**
55 B NOTAM FILE JPX Not insp. **COPTER**
RWY 10–28: H4255X100 (ASPH–GRVD) S–78 MIRL **L–33C, L–34I**
RWY 10: REIL. PAPI(P2L)—GA 3.3° TCH 49′. Trees. **IAP**
RWY 28: REIL. PAPI(P2R)—GA 3.8° TCH 48′. Pole.
RWY 16–34: H2060X75 (ASPH) S–8
RWY 16: Road.
RWY 34: Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 28, MIRL Rwy 10–28, twy lgts—CTAF. REIL Rwy 10; PAPI Rwy 10 and Rwy 28 opr consly.
NOISE: Refer to aprt website for dtls on current arpt usage, rules, noise abmnt pcrds and regs prior to arr.
AIRPORT REMARKS: Deer on and invof arpt. Lndg fee for all acft to incl TGL opns. Ctc 1–800–588–0028.
AIRPORT MANAGER: 631-537-1130
WEATHER DATA SOURCES: AWOS–3PT 118.075 (631) 537–2527.
COMMUNICATIONS: CTAF 125.225
Ⓡ **NEW YORK APP/DEP CON** 125.975
TOWER 125.225 (1300–0100Z‡; oprs Sat bfr memorial day to Sun aft la) **GND CON** 121.9 **CLNC DEL** 118.95
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch at 516-683-2449.
AIRSPACE: CLASS D svc 1300–0100Z‡, oprs Sat bfr Memorial Day to Sun aft Labor Day; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE HTO.
HAMPTON (H) (H) VORTACW 113.6 HTO Chan 83 N40°55.14′ W72°19.00′ 064° 3.8 NM to fld. 22/13W.
DME unusable:
280°–325° byd 35 NM blo 1,700′
326°–355° byd 30 NM blo 2,000′
TACAN AZIMUTH unusable:
280°–325° byd 35 NM blo 1,700′
326°–355° byd 30 NM blo 2,000′
VOR unusable:
010°–240°
270°–332°
COMM/NAV/WEATHER REMARKS: Ctc FBO on 122.85 for ramp svcs and prkg.

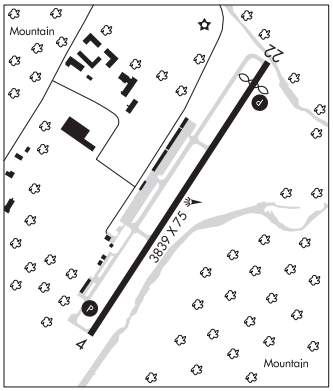
EDINBURG

PLATEAU SKY RANCH (1F2) 1 NW UTC–5(–4DT) N43°13.53′ W74°06.87′ **NEW YORK**
1070 NOTAM FILE BTV
RWY 06–24: 2400X100 (TURF) 0.5% up NE
RWY 06: Road.
RWY 24: Road.
RWY 01–19: 2000X100 (TURF) 1.0% up N
RWY 01: Trees.
RWY 19: Trees.
AIRPORT REMARKS: Unattended. Ultralgt acft on and invof arpt. Rwy 1; +30′–60′ trees, 0′–240′ from thld, 15′–100′ left and right of centerline. Rwy 6; +20′–65′ trees, 0′–500′ from thld, 30′–150′ left and right of centerline. Rwy 19; +17′–52′ trees, 0′–230′ from thld, 50′–100′ right of centerline. Rwy 24; +35′–50′ trees, 90′–250′ from thld, 0′–125′ right of centerline and +50′ trees, 350′–425′ from thld 110′–150′ left of centerline. 4 ft gravel pile at end of Rwy 01. Rwy 01–19 edges marked with red cones all seasons exc winter. Rwy 06–24 edges marked with red cones all seasons exc winter. Arpt not plowed or mntnd durg winter months, rwy sfc can be soft as frost leaves the gnd in spring. Acft parked/hangared on non–arpt land. Cross public road to/from arpt.
AIRPORT MANAGER: 518-863-2725
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

ELIZABETH FLD (See FISHERS ISLAND on page 202)

ELLENVILLE

JOSEPH Y RESNICK (N89) 1 NE UTC–5(–4DT) N41°43.73′ W74°22.61′ **NEW YORK**
290 B NOTAM FILE ISP **L–33B, 34I**
RWY 04–22: H3839X75 (ASPH) MIRL **IAP**
RWY 04: REIL. PAPI(P2L)—GA 3.5° TCH 40′. Trees.
RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 39′. Thld dsplcd 309′. Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–3838 TODA–3838 ASDA–3838 LDA–3538
RWY 22: TORA–3838 TODA–3838 ASDA–3838 LDA–3538
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 04 and Rwy 22, PAPI Rwy 04 and Rwy 22, MIRL Rwy 04–22—CTAF.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Rwy 04 +60′ trees 200′ from rwy 191′ rgt. Rwy 22 +8′ fence crosses runway, 24′ from thld. Avoid overflight of school and village when taking off Rwy 22 or apch to Rwy 04, helicopter operations follow fixed wing flight pattern. Avoid overflight of hospital and school bldgs approx 1 mile southwest of Rwy 22 and prison approx 1/2 mile northeast of arpt. Cold temperature airport. Altitude correction required at or below –5C.
AIRPORT MANAGER: 845-647-7800
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (VL) (L) VORW/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 291° 25.2 NM to fld. 581/12W.
VOR unusable:
008°–018° byd 40 NM blo 4,000′
008°–018° byd 70 NM
020°–123° byd 40 NM
045°–050° byd 35 NM blo 4,300′
070°–140° byd 30 NM blo 3,400′
082°–092° byd 20 NM blo 4,000′
082°–092° byd 35 NM blo 5,500′
130°–148° byd 40 NM
203°–216° byd 30NM
243°–253° byd 40 NM
275°–310° byd 40 NM
311°–321° byd 40 NM blo 6,000′
311°–321° byd 64 NM
322°–001° byd 40 NM

ELMIRA/CORNING RGNL (ELM)(KELM) 6 NW UTC–5(–4DT) N42°09.59′ W76°53.50′ **NEW YORK**
955 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE ELM **H–10H, 12J, L–30J, 32F**
RWY 06–24: H8001X150 (ASPH–GRVD) S–80, D–121, 2S–154, 2D–200 PCR 560 F/B/X/T HIRL **IAP, AD**
CL
RWY 06: MALSR. VASI(V4L)—GA 3.0° TCH 51′. RVR–TMR Thld dsplcd 600′. Tree.
RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 52′. RVR–TMR Thld dsplcd 202′. Tree.
RWY 10–28: H5404X150 (ASPH–GRVD) S–57, D–90, 2S–114, 2D–150 PCR 640 F/B/X/T MIRL
RWY 10: Trees.
RWY 28: PAPI(P4L)—GA 3.0° TCH 40′. Thld dsplcd 402′. Pole.
RWY 05–23: 2016X150 (TURF)
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–2017 TODA–2017 ASDA–2017 LDA–2017
RWY 06: TORA–8001 TODA–8001 ASDA–8001 LDA–7401
RWY 10: TORA–5404 TODA–5404 ASDA–5004 LDA–5004
RWY 23: TORA–2017 TODA–2017 ASDA–2017 LDA–2017
RWY 24: TORA–8001 TODA–8001 ASDA–8001 LDA–7799
RWY 28: TORA–5404 TODA–5404 ASDA–5404 LDA–5002
ARRESTING GEAR/SYSTEM
RWY 06: EMAS
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** When ATCT clsd ACTVT MALSR Rwy 06 and 24; HIRL Rwy 06–24; MIRL Rwy 10–28; twy lgts—CTAF. PAPI Rwy 24 unusble byd 9° right of cntrln.
AIRPORT REMARKS: Attended continuously. Extensive glider activity on and invof arpt. Birds and deer on and invof arpt. Blimp activity rqr PPR, ctc arpt management at 607–426–5621. Class I, ARFF Index B. ARFF Index C equipment coverage is avbl upon request ctc arpt management at 607–426–5621. TPA—2500(1545) reciprocating eng, 3000(2045) Turboprop/Jet. Rwy 10 opr prohibited for acft with apch speeds greater than or equal to 121 knots and/or wingspans greater than or equal to 118′. Acft with wing spans greater than 93′ should use extreme care when taxiing on Twy T adjacent to aprons. Rwy 05–23 (southeast of Rwy 06–24) unmarked seasonal use turf rwy clsd 1 Dec through 30 Apr. For land side access from apron when FBO clsd ctc ELM arpt attendant at 607–426–5621. Rwy 05–23 mkd with asph L corner markers. Winter deicing on glycol apron only. Cold temperature airport. Altitude correction required at or below –21C. Twy H, Twy J, and Twy L limited to design Group II acft. Ldg fee for all non based acft. Terminal ramp is uncontrolled. Do not call for push/power back. Advise ground control when ready to taxi for dep. Twy T btn Twy L and Twy D non–movement area.
AIRPORT MANAGER: 607-739-5621
WEATHER DATA SOURCES: ASOS (607) 796–0065
COMMUNICATIONS: CTAF 121.1 **ATIS** 125.475 **UNICOM** 122.95
RCO 122.2 (BUFFALO RADIO)
Ⓡ **ELMIRA APP/DEP CON** 128.425 (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP/DEP CON** 133.35 (0500–1100Z‡)
ELMIRA TOWER 121.1 (1100–0500Z‡) **GND CON** 121.9 **CLNC DEL** 121.9
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc New York ARTCC at 631-468-1425.
AIRSPACE: CLASS D svc 1100–0500Z‡; other times CLASS E.
TRSA svc ctc **APP CON** (within 15 NM)
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
STONYFORK (L) (L) VORW/DME 108.6 SFK Chan 23 N41°41.72′ W77°25.19′ 048° 36.6 NM to fld. 1985/8W.
ILS 109.1 I–UEK Rwy 06. Class IA. Unmonitored when twr clsd.
ILS 109.1 I–ELM Rwy 24. Class IB. Unmonitored when twr clsd.
COMM/NAV/WEATHER REMARKS: For CInc Del when twr clsd ctc Buffalo Radio on 122.2.

ENDICOTT

TRI–CITIES (CZG)(KCZG) 3 SW UTC–5(–4DT) N42°04.71′ W76°05.78′ **NEW YORK L–30J IAP**

833 B NOTAM FILE CZG

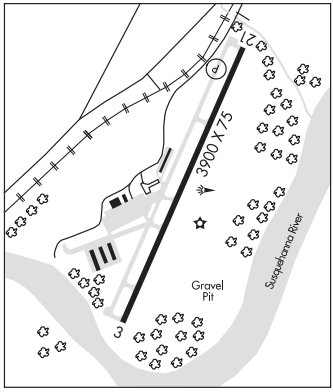
RWY 03–21: H3900X75 (ASPH) S–30 MIRL

RWY 03: REIL. Road.

RWY 21: REIL. PAPI(P2R)—GA 4.0° TCH 40′. Road.

SERVICE: **FUEL** 100LL **LGT** Rotating bcn obscured north and west of arpt due to high terrain. ACTIVATE REIL Rwy 03 and Rwy 21; MIRL Rwy 03–21 —CTAF.

AIRPORT REMARKS: Attended, call arpt manager for specific attendance times. 24 hr self–svc fuel avbl with credit card. FBO svcs clsd. High terrain all quadrants. Rwy 21 extended safety area has sfc variations/depressions. Grvl access road crosses Rwy 03 apch. High tension towers 2000′ from Rwy 21 thld 60–70′ tall. Microwave tower +600′ 2.8 miles out 3150′ left of Rwy 21; apch–unmarked/unlighted 24:1 slope. Cold temperature airport. Altitude correction required at or below –16C.



AIRPORT MANAGER: 607-760-7826

WEATHER DATA SOURCES: AWOS–3 119.075 (607) 785–2926.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BINGHAMTON APP/DEP CON** 118.6 (1100–0500Z‡)

Ⓡ **NEW YORK CENTER APP/DEP CON** 133.35 (0500–1100Z‡)

CLNC DEL 121.7

CLEARANCE DELIVERY PHONE: For CD when binghamton Apch clsd ctc New York ARTCC at 631-468-1425.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BINGHAMTON (L) (L) VORW/DME 112.2 CFB Chan 59 N42°09.45′ W76°08.19′ 169° 5.1 NM to fld. 1583/10W. VOR unusable:
023°–033° byd 15 NM blo 6,000′

EVERS SPB (See NEW YORK on page 224)

FARMINGDALE

REPUBLIC (FRG)(KFRG) 1 E UTC–5(–4DT) N40°43.76′ W73°24.81′ **NEW YORK COPTER H–10I, 12J, L–33B, 34H IAP, AD**

82 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE FRG

RWY 14–32: H6833X150 (ASPH–GRVD) S–45, D–60 PCR 476 F/B/X/T HIRL

RWY 14: MALSF. PAPI(P4L)—GA 3.0° TCH 59′. Thld dsplcd 675′. Pole.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 61′. Road. Rgt tfc.

RWY 01–19: H5517X150 (ASPH–GRVD) S–45, D–60 PCR 565 F/C/X/T MIRL 0.3% up N

RWY 01: REIL. PAPI(P4L)—GA 3.09° TCH 44′. Pole. Rgt tfc.

RWY 19: REIL. PAPI(P4L)—GA 3.1° TCH 43′. Bldg.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 32	01–19	3650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA–5516 TODA–5516 ASDA–5116 LDA–5116

RWY 14: TORA–6833 TODA–6833 ASDA–6833 LDA–6157

RWY 19: TORA–5516 TODA–5516 ASDA–5516 LDA–5516

RWY 32: TORA–6833 TODA–6833 ASDA–6833 LDA–6833

ARRESTING GEAR/SYSTEM

RWY 14: EMAS

RWY 32: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** When ATCT clsd ACTVT MALSF Rwy 14; REIL Rwy 01, 19, 32; PAPI Rwy 01, 19, 14, and 32; HIRL Rwy 14–32; MIRL Rwy 01–19; twy lgts—CTAF. Rwy 19 PAPI unusbl byd 4 deg left of cntrln.

NOISE: Voluntary Noise Abatement procs in efct for fixed wing and hel. Ctc amgr 631–752–7707 ext 6108.

AIRPORT REMARKS: Attended continuously. Birds invof arpt. Class IV, ARFF Index A. Index B avbl on req call 631–752–7707. Wooded area S of Twy A, E of Twy G clsd to hels. Jet maint runups pmtd only in the Twy A, D, F, & G hldg bays. TPA—1180(1100) reciprocating eng, 1680(1600) Turboprop/Jet. Acft prkg for U.S. Cust is lctd on the main trml ramp. All intl arrivals must ctc an FBO for svc when clearing customs. Trml use fees apply. All intl arrs must not enter the main trml ramp til FBO psnl are present for marshalling. Ctc arpt ops on 122.95 MHz for instructions. Lndg fee for all acft excp mil and govt.

CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: 631-752-7707
WEATHER DATA SOURCES: ASOS (631) 752–8129 LAWRS.
COMMUNICATIONS: CTAF 118.8 **ATIS** 126.65 **UNICOM** 122.95
Ⓡ **NEW YORK APP CON** 128.125
Ⓡ **NEW YORK DEP CON** 125.7
TOWER 118.8 (1200–0400Z‡) **GND CON** 121.6 **CLNC DEL** 128.25 When FRG twr clsd
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch on 128.25, if una call 516-683-2962.
AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
DEER PARK (L) (L) VORW/DME 117.7 DPK Chan 124 N40°47.51′ W73°18.22′ 245° 6.3 NM to fld. 117/12W.
VOR/DME unusable:
Byd 25 NM blo 5,000′
DME unusable:
265°–274° byd 17 NM blo 5,000′
275°–280°
281°–015° byd 17 NM blo 5,000′
FRIKK NDB (LOMW) 407 FR N40°46.59′ W73°28.95′ 146° 4.2 NM to fld. 142/14W. NOTAM FILE FRG.
ILS 111.9 I–FRG Rwy 14. Class IE. LOM FRIKK NDB. Autopilot cpd apch NA blw 550′ MSL. LOM NDB unmonitored.

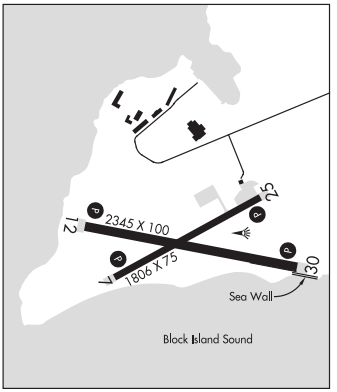
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HELIPAD H1: H79X79 (ASPH)
HELIPAD H2: H44X44 (ASPH)
HELIPORT REMARKS: H1 lctd on Twy B at the intxn of Twy F. H2 lctd on Twy B north of Twy B6.

FINGER LAKES RGNL (See SENECA FALLS on page 244)

FISHERS ISLAND

ELIZABETH FLD (ØB8) 8 SE UTC–5(–4DT) N41°15.13′ W72°01.90′ **NEW YORK L–33C, 34I IAP**
7 NOTAM FILE BDR
RWY 12–30: H2345X100 (ASPH) MIRL
RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 20′. Road.
RWY 30: REIL. PAPI(P2R)—GA 3.0° TCH 20′.
RWY 07–25: H1806X75 (ASPH) MIRL
RWY 07: REIL. PAPI(P2L)—GA 3.75° TCH 20′. Ground.
RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 20′. Road.
SERVICE: **LGT** ACTIVATE MIRL Rwys 07–25 and 12–30, PAPI Rwys 07, Rwy 12, Rwy 25 and Rwy 30, REIL Rwy 07, Rwy 12, Rwy 25 and Rwy 30—CTAF.
AIRPORT REMARKS: Attended May–Oct Mon–Sat 1300–2130Z‡, Sun 1500–2130Z‡. Unattended 1 Nov–30 Apr. Arpt located 7.0 NM SE of New London CT. Ldg fee.
AIRPORT MANAGER: 917-675-0296
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc
BOSTON CENTER APP/DEP CON 124.85
CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.



RADIO AIDS TO NAVIGATION: NOTAM FILE GON.
GROTON (T) (T) VORW/DME 110.85 GON Chan 45(Y) N41°19.82′ W72°03.12′ 183° 4.8 NM to fld. 9/14W.
VOR portion unusable:
241°–265° blo 5,000′
DME unusable:
355°–019° blo 3,000′

FLOYD BENNETT MEML (See GLENS FALLS on page 206)

FORT ANN

HARRIS (83K) 2 W UTC–5(–4DT) N43°24.59′ W73°31.96′ **NEW YORK**
261 NOTAM FILE BTV
RWY 04–22: 2200X50 (TURF) 1.7% up SW
RWY 04: Tree. Rgt tfc.
RWY 22: Tree.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Unattended. No flying west of rwy over houses. Upslope at thld Rwy 22.
AIRPORT MANAGER: 518-232-7896
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

FRANCIS S GABRESKI (See WESTHAMPTON BEACH on page 254)

FRANKFORT–HIGHLAND (See UTICA/FRANKFORT on page 250)

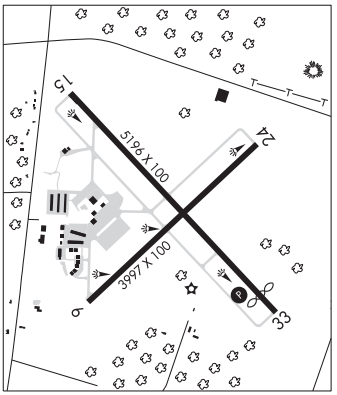
FREDERICK DOUGLASS/GREATER ROCHESTER INTL (See ROCHESTER on page 239)

FREEHOLD (1I5) 1 NW UTC–5(–4DT) N42°21.84′ W74°03.90′ **NEW YORK**
440 NOTAM FILE BTV
RWY 12–30: H2275X22 (ASPH) 0.7% up NW
RWY 12: Trees.
RWY 30: Trees.
AIRPORT REMARKS: Attended Apr–Dec 1400Z‡–dusk. Extensive glider activity, especially on weekends. Rwy 12–30 sfc broken and spalling for entire length. Ctc arpt manager for fld conditions Dec 1–Apr 1, 518–966–8503. Rgt tfc for gliders Rwy 12 only. Rwy 12–30 100′ by 2640′ turf rwy adjacent to paved rwy (south edge) beginning at 735′ from Rwy 30 thld.
AIRPORT MANAGER: 518-253-4859
COMMUNICATIONS: CTAF 122.85
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

FRIKK N40°46.59′ W73°28.95′ NOTAM FILE FRG.
NDB (LOMW) 407 FR 146° 4.2 NM to Republic. 142/14W.

FULTON

OSWEGO CO (FZY)(KFZY) 3 NE UTC–5(–4DT) N43°21.05′ W76°23.28′ **NEW YORK**
475 B NOTAM FILE FZY **H–11C, 12J, L–32F**
RWY 15–33: H5196X100 (ASPH–GRVD) S–80, D–123 **IAP, AD**
PCR 31 F/B/W/T HIRL 0.6% up SE
RWY 15: REIL. Trees.
RWY 33: REIL. PAPI(P4L)—GA 3.55° TCH 36′. Thld dsplcd 414′. Trees.
RWY 06–24: H3997X100 (ASPH–GRVD) S–80, D–123
PCR 31 F/B/W/T MIRL 0.3% up NE
RWY 06: REIL. Trees.
RWY 24: REIL. Pole.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 33: TORA–5196 TODA–5196 ASDA–5196 LDA–5196



SERVICE: S4 **FUEL** 100LL, JET A **LGT** HIRL Rwy 15–33 and PAPI Rwy 33 opr SS–SR and preset low intst; to incr intst and ACTVT REIL Rwy 15–33; HIRL Rwy 15–33; MIRL Rwy 06–24; PAPI Rwy 33—CTAF. Lighted main wind indicator plus lighted indicators at each runway end.
AIRPORT REMARKS: Attended Mon–Fri 1230–2100Z‡. Attendance other hrs, call arpt manager. Deer and birds on or invof arpt. Fqt seagull and Canada geese actvt on and invof arpt durg poor wx periods. Ultralight activity on and invof arpt. Rwy conditions may not be monitored or reported when arpt is unattended. Avoid vcnty of twr due north on lakeshore. Acft de–icing avbl, ctc arpt manager at 315–591–9130. Rwy 33 designated calm wind rwy. Grass cutting equipment operations adjacent to all operational surfaces daylight hours May thru Oct.
AIRPORT MANAGER: 315-591-9130
WEATHER DATA SOURCES: ASOS 119.275 (315) 598–8773.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **SYRACUSE APP/DEP CON** 126.125
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.
RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.
SYRACUSE (VH) (H) VORTACW 117.0 SYR Chan 117 N43°09.63′ W76°12.27′ 336° 14.0 NM to fld. 453/11W.
TACAN AZIMUTH unusable:
Byd 35 NM blo 4,000′
VOR unusable:
010°–025°
026°–066° byd 40 NM
067°–077° byd 30 NM
078°–133° byd 40 NM
134°–144° byd 19 NM
145°–216° byd 40 NM
217°–227° byd 40 NM blo 18,000′
228°–288° byd 40 NM
289°–299°
300°–351° byd 40 NM
352°–009° byd 40 NM blo 3,000′
352°–009° byd 57 NM
DME unusable:
Byd 35 NM blo 4,000′
ILS/DME 110.9 I–FZY Chan 46 Rwy 33. Class IT.
COMM/NAV/WEATHER REMARKS: During periods of snow removal operations Nov 1 thru Apr 1 acft must ctc aprt on freq 123.0 10 minutes prior to ldg.

FULTON CO (See JOHNSTOWN on page 213)

GALLUPVILLE

BLUE HERON (N25) 3 NE UTC–5(–4DT) N42°41.84′ W74°11.97′ **NEW YORK**
1200 NOTAM FILE BTV
RWY 09–27: 2600X70 (TURF)
RWY 09: Road.
RWY 27: Trees.
AIRPORT REMARKS: Attended Apr–Oct dawn–dusk. Ctc arpt manager for fld conditions during winter and Apr–May. Rwy 27; +40′–100′ trees, across thld.
AIRPORT MANAGER: 704-433-4024
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

GANSEVOORT

HEBER AIRPARK (K3Ø) 2 SE UTC–5(–4DT) N43°11.00′ W73°37.99′ **NEW YORK**
230 NOTAM FILE BTV
RWY 06–24: H2200X24 (ASPH) MIRL(NSTD)
RWY 06: Thld dsplcd 200′. Road. Rgt tfc.
RWY 24: Tree.
SERVICE: **LGT** ACTIVATE NSTD MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Unattended. Parachute Jumping. Birds and wildlife on and invof arpt. 25′ dropoff 10′ from Rwy 24 thld. Rwy 24 uphill grade exceeds 2% up. Recommended ldg Rwy 24, tkf Rwy 06. Skydiving on and invof arpt May–Oct. Lgt colored full width conc pavement section 144′ from Rwy 24 thld, 20′ long. Golf course adjacent to rwy both sides.. Rwy 06–24 NSTD MIRL due to spacing, 33′ from rwy edge on 3′ wood posts. Rwy 06–24 NSTD dsplcd thld, no bar.
AIRPORT MANAGER: 518-793-8983
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

GANSE N43°15.30′ W73°36.31′ NOTAM FILE GFL. **NEW YORK**
NDB (LOMW) 209 GF 011° 5.2 NM to Floyd Bennett Meml. 228/14W.

GARNSEYS (See SCHUYLERVILLE on page 244)

GASPORT

ROYALTON (9G5) 1 SE UTC–5(–4DT) N43°10.92′ W78°33.47′ **DETROIT**
628 NOTAM FILE BUF
RWY 07–25: H2530X35 (ASPH)
RWY 07: Road.
RWY 25: Thld dsplcd 300′. Trees.
SERVICE: **FUEL** 100LL, MOGAS
AIRPORT REMARKS: Attended 1400–2300Z‡. Ultralgts on and invof arpt. Deer on and invof arpt. No thld markings.
AIRPORT MANAGER: 716-946-5265
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

GENESEE CO (See BATAVIA on page 189)

GENESEO (D52) 1 W UTC–5(–4DT) N42°48.10′ W77°50.79′ **DETROIT**
560 NOTAM FILE BUF
RWY 05–23: 5000X90 (TURF)
RWY 05: Trees.
RWY 23: Crops. Rgt tfc.
AIRPORT REMARKS: Attended Oct–Mar Wed–Sat 1500–2000Z‡; Apr–Sept Wed–Sun 1500–2000Z‡. For atndt otr times, call amgr. Frequent ag–planes in vicinity. Watch for geese and sea gulls. Two lgtd ant left of Rwy 23 in village of Geneso. Rwy 05 end mkd with white paint at edges and orange cones only drng airshow. Rwy 23 end mkd with white paint at edges only drng airshow. Rwy 05–23 defined by mowing. Rwy 05: 35 ft pline, 38 feet dstc, acrs the apch. Rwy 23: 70 ft trees, 400 ft fm AER. Turf soft and wet for first 1800′ fm thld Rwy 23 durg Oct–May.
AIRPORT MANAGER: 585-243-2100
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

GENESEO N42°50.06′ W77°43.97′ NOTAM FILE BUF. **DETROIT**
(L) (L) VORW/DME 108.2 GEE Chan 19 324° 12.5 NM to Le Roy. 990/9W. **H–10H, 11C, 12J, L–31E, 32F**
VOR portion unusable:
208°–224° byd 29 NM blo 5,000′
225°–230°
231°–245° byd 29 NM blo 5,000′
DME unusable:
115°–120° byd 29 NM blo 4,000′
140°–155° byd 30 NM blo 5,000′

GEORGETOWN N42°47.34′ W75°49.60′ NOTAM FILE BUF. **NEW YORK**
(L) TACAN 117.8 GGT Chan 125 085° 12.2 NM to Hamilton Muni. 2040/11W. **L–32F**

GHENT

KLINE KILL (NY1) 2 N UTC–5(–4DT) N42°21.01′ W73°38.22′ **NEW YORK**
380 NOTAM FILE BTV
RWY 01–19: 4000X75 (TURF)
RWY 01: Trees.
RWY 19: P–line.
SERVICE: S2
AIRPORT REMARKS: Unattended. Rwy 19 has +16′ road, 22′ from rwy, at centerline. Unmarked turf area adjacent to rwy may be used for twy on north and south ends. Turf grades near south paved apron unsuitable for acft movement.
AIRPORT MANAGER: 518-527-2762
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

GIERMEK EXEC (See OLEAN on page 233)

GLENS FALLS

FLOYD BENNETT MEML (GFL)(KGFL) 3 NE UTC–5(–4DT) N43°20.47′ W73°36.62′ **NEW YORK**
328 B LRA Class IV, ARFF Index A NOTAM FILE GFL **H–11C, 12K, L–32G**
RWY 01–19: H5000X150 (ASPH–GRVD) S–80, D–110, 2S–117, 2D–180 PCR 635 F/B/X/T HIRL **IAP, AD**
RWY 01: MALSR. PAPI(P4L)—GA 3.0° TCH 52′.
RWY 19: PAPI(P4L)—GA 3.5° TCH 57′. Trees.
RWY 12–30: H3999X100 (ASPH) S–39, D–53, 2D–76 PCR 436 F/B/X/T MIRL
RWY 12: PAPI(P4L)—GA 3.85° TCH 55′. Trees.
RWY 30: PAPI(P4L)—GA 3.0° TCH 45′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
RWY 12: TORA–3999 TODA–3999 ASDA–3999 LDA–3999
RWY 19: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
RWY 30: TORA–3999 TODA–3999 ASDA–3999 LDA–3999
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 01; PAPI Rwy 01, 19, 12, 30; HIRL Rwy 01–19; MIRL Rwy 12–30; twy lgts—CTAF.
NOISE: Noise sensitive area 1.5 miles north. Use NBAA noise abatement procedures. Recommended no touch and go ops from 2200–1200Z‡.
AIRPORT REMARKS: Attended 1300–2300Z‡. Birds and deer on and invof arpt. Ultralight activity on and invof arpt. Self–svc 100LL fuel avbl. Full svc fueling avbl after hrs by pre–arrangement, call 518–798–3091. PJE airspace defined as 5 NM radius of GFL. Grass cutting equipment ops adjacent to all opr sfcs dalgt hours May thru Oct. During periods of snow removal ops Nov 1–Apr 1 acft must ctc arpt on frequency 123.0 10 minutes prior to ldg. Rwy conditions may not be monitored or reported when the arpt is unattended. Ultralight acft use 500′ AGL left tfc for all rwys. Four obstruction lgt poles 1 1/2 mile to 1 3/4 mile N of Rwy 19. Rwy 01 designated as calm wind rwy. Rwys 12 and 19 approaches obscured from one another due to high ground. PPR 48 hrs for acft ops with more than 30 pax seats call AMGR 518–792–5995. For aft hrs acft maint assistance call 518–798–3091. Cold temperature airport. Altitude correction required at or below –18C.
AIRPORT MANAGER: 518-792-5995
WEATHER DATA SOURCES: ASOS 119.925 (518) 223–8109.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ**ALBANY APP/DEP CON** 132.825
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CAMBRIDGE (VL) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66′ W73°20.64′ 345° 23.9 NM to fld. 1490/14W.
DME unusable:
040°–130° blo 9,000′
VOR unusable:
011°–021° byd 42 NM
022°–127° byd 40 NM
128°–144°
145°–160° byd 40 NM
161°–182°
183°–194° byd 40 NM
195°–205°
320°–010° byd 40 NM
GANSE NDB (LOMW) 209 GF N43°15.30′ W73°36.31′ 011° 5.2 NM to fld. 228/14W. NOTAM FILE GFL.
ILS 110.7 I–GFL Rwy 01. Class IT. LOM GANSE NDB.

GORHAM

MIDLAKES (92G) 3 W UTC–5(–4DT) N42°48.85′ W77°12.18′ **DETROIT**
1080 NOTAM FILE BUF
RWY 14–32: 1820X55 (TURF) 1.1% up SE
RWY 14: Trees.
RWY 32: Road.
AIRPORT REMARKS: Attended irregularly. Rwy 14–32 soft and wet during Mar–Jun. Rwy 32 +80′ trees 735′ from thld +80′ left and right of centerline. Rwy 14–32 marked with orange cones.
AIRPORT MANAGER: 585-764-1802
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

GOWANDA (D59) 3 N UTC–5(–4DT) N42°30.24′ W78°57.04′ **DETROIT**
830 NOTAM FILE BUF
RWY 09–27: 3430X100 (TURF)
RWY 09: Tree. Rgt tfc.
RWY 27: Thld dsplcd 1132′. Rgt tfc.
SERVICE: **FUEL** 100
AIRPORT REMARKS: Unattended. Rwy 09–27 soft Mar–Jun and when wet. Truck tfc invof Rwy 27. Rwy 09, 40′ pline, 600–800′ dstc, acrs apch. Rwy 09–27 dirt road X rwy aprx midpt. Rwy 27 dthr unmkd.
AIRPORT MANAGER: 716-532-3371
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

GREAT VALLEY (N56) 1 SE UTC–5(–4DT) N42°12.22′ W78°38.95′ **DETROIT**
1450 NOTAM FILE BUF
RWY 06–24: 3200X90 (TURF–DIRT) LIRL(NSTD)
RWY 06: Tree.
RWY 24: Tree.
SERVICE: **LGT** ACTVT LIRL Rwy 06–24—CTAF. Rwy 06–24 LIRL nstd.
AIRPORT REMARKS: Unatnd. Arpt dalgt ops only. Deer on and invof arpt. For rwy conds Nov thru Apr call amgr. Rwy 06–24 200′ ovrn S end, 400′ N end.
AIRPORT MANAGER: 716-307-5832
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.

GREATER BINGHAMTON/EDWIN A LINK FLD (See BINGHAMTON on page 190)

GREEN ACRES (See LIVINGSTON on page 216)

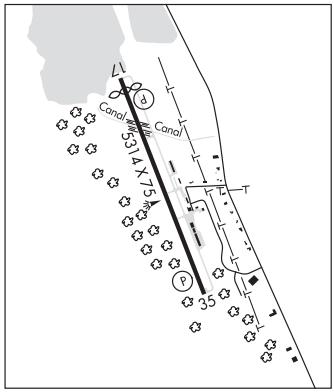
GREENE (4N7) 2 SW UTC–5(–4DT) N42°18.25′ W75°47.23′ **NEW YORK**
935 NOTAM FILE BUF
RWY 07–25: 2665X200 (TURF) RWY LGTS(NSTD)
RWY 07: Pole.
RWY 25: Tree.
SERVICE: **LGT** ACTIVATE LIRL Rwy 07–25 4 clicks—CTAF. Rwy 07–25 NSTD low intensity lgts; non–std edge and end lgts.
AIRPORT REMARKS: Attended dalgt hrs. Rwy 25 has numerous +30′–90′ trees, both sides at thld. Rwy numbers etched into turf sfc both ends. Deer and geese on and invof arpt. During winter check FSS for NOTAMs.
AIRPORT MANAGER: (607) 358-5801
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

GREENVILLE–RAINBOW (1H4) 1 E UTC–5(–4DT) N42°25.18′ W74°00.41′ **NEW YORK**
840 NOTAM FILE BTV
RWY 01–19: 1801X75 (TURF)
RWY 01: Trees.
RWY 19: Thld dsplcd 112′. Trees.
AIRPORT REMARKS: Attended May–Nov. dalgt hrs. Arpt CLOSED Dec 1–Apr 1. Rwy 01–19 may be clsd after rains due to wetness. Rwy 01–19 soft and wet during Mar–Jun. +30′ p–line parallel to and 150′ west of rwy centerline. Rwy 19 edges and thld marked by white markers (1′ square). Rwy 01 edges and dsplcd thld marked by white markers (1′ square), end of usable rwy not marked and is 112′ north of white thld markers.
AIRPORT MANAGER: 518-966-5343
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

GRIFFISS INTL (See ROME on page 240)

HAMBURG (4G2) 4 W UTC–5(–4DT) N42°42.05′ W78°54.89′ **DETROIT**
751 NOTAM FILE BUF
RWY 01–19: H2465X30 (ASPH) LIRL(NSTD)
RWY 01: Thld dsplcd 462′. Trees.
RWY 19: Thld dsplcd 456′. Tree.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 01–19—CTAF.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. Ultralgt acft on and invof arpt. Rwy 01: 100′ drop off, 150′ south of rwy end. Rwy 01–19 nstd LIRL due to spacing and colors. Dthr not lgtd. Rwy 01–19 no cntrln.
AIRPORT MANAGER: 716-472-6218
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

HAMILTON MUNI (VGC)(KVGC) 1 NW UTC–5(–4DT) N42°50.61′ W75°33.67′ **NEW YORK**
1137 NOTAM FILE BUF **H–10I, 11C, 12J, L–32F**
RWY 17–35: H5314X75 (ASPH–GRVD) S–20, D–60 MIRL **IAP**
RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Thld dsplcd 300′. Trees.
RWY 35: REIL. PAPI(P2L)—GA 4.0° TCH 40′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 17: TORA–5314 TODA–5314 ASDA–5314 LDA–5014
RWY 35: TORA–5314 TODA–5314 ASDA–5014 LDA–5014
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTVT MIRL Rwy 17–35; REIL Rwy 17 and 35–122.7.
NOISE: Noise abatement procedures in effect; all acft departures maintain rwy heading until 2100′ MSL before making turn out.
AIRPORT REMARKS: Attended 1400–2200Z‡. Migratory birds on and invof arpt spring and fall. Deer on and invof Rwy 17–35. Ultralgts on and invof arpt. Gldr opns invof of arpt. After hrs fuel avbl by appointment for a fee ctc arpt mgr. Maintenance shop airframe/powerplant and inspection authorization avbl Mon–Fri 1400–2200Z‡. Rwy 17–35 south end has 572′ safety area. Rwy 17: Windmills 3 miles N of arpt. Taxi svc and car rental avbl.
AIRPORT MANAGER: 315-824-1111
WEATHER DATA SOURCES: AWOS–3P 119.425 (315) 824–1825.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **SYRACUSE APP/DEP CON** 126.125
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GEORGETOWN (L) TACAN Chan 125 GGT (117.8) N42°47.34′ W75°49.60′ 085° 12.2 NM to fld. 2040/11W.



HAMPTON N40°55.14′ W72°19.00′ NOTAM FILE HTO. **NEW YORK**
(H) (H) VORTACW 113.6 HTO Chan 83 22/13W. **COPTER**
DME unusable: **H–10I, 12J, L–33C, 34I**
280°–325° byd 35 NM blo 1,700′
326°–355° byd 30 NM blo 2,000′
TACAN AZIMUTH unusable:
280°–325° byd 35 NM blo 1,700′
326°–355° byd 30 NM blo 2,000′
VOR unusable:
010°–240°
270°–332°

HANCOCK N42°03.78′ W75°18.98′ NOTAM FILE BUF. **NEW YORK**
(H) (H) VORW/DME 116.8 HNK Chan 115 2070/11W. **H–10I, 11C, 12J, L–30K, 33A**

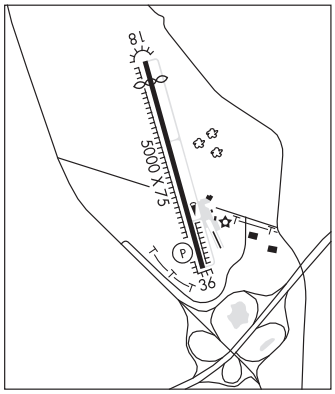
HARRIS (See FORT ANN on page 203)

HAVERSTRAW HELIPORT (H43) 1 E UTC–5(–4DT) N41°12.66′ W73°58.19′ **NEW YORK**
12 NOTAM FILE ISP
HELIPAD H1: H50X50 (ASPH)
HELIPAD H1: Bldg.
SERVICE: **FUEL** JET A **LGT** For lgts call 914–429–1200.
NOISE: Noise abatement; avoid residential area west of heliport.
HELIPORT REMARKS: Attended 1200–0000Z‡. For svc after hrs call 212–883–0999. Helipad H1 350′ twrs 800′ north of helipad. H1 lndg sfc is uneven & no mrkgs. Helicopters descend to point on turf area W of pavement and taxi to paved location. No mrkgs on pad and uneven pavement conds.
AIRPORT MANAGER: 845-429-1200
COMMUNICATIONS: CTAF/UNICOM 123.05
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

HEBER AIRPARK (See GANSEVOORT on page 205)

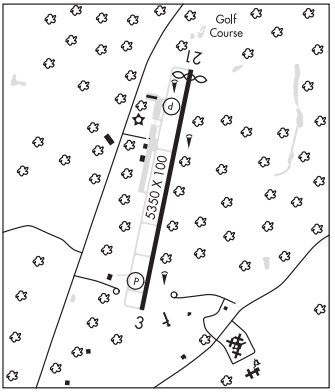
HOLLANDS INTL FLD (See NEWFANE on page 230)

HORNELL MUNI (HTF)(KHTF) 3 N UTC–5(–4DT) N42°22.93′ W77°40.93′ **DETROIT**
1219 B TPA—See Remarks NOTAM FILE BUF **H–10H, 11C, 12J, L–30I, 31E, 32F**
RWY 18–36: H5000X75 (ASPH–GRVD) MIRL 0.5% up N **IAP**
RWY 18: REIL. Thld dsplcd 500′. Hill.
RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Trees.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 18–36 and MIRL Rwy 18–36—CTAF. REIL Rwy 18 OTS indef.
AIRPORT REMARKS: Attended 1300–2100Z‡. Frequent helicopter medivac ops, monitor CTAF. Rwy 36 PAPI unusable byd 5 degs right and left of centerline. TPA—2219(1000) daylight, 2419(1200) night. Cold temperature airport. Altitude correction required at or below –18C.
AIRPORT MANAGER: 607-968-9624
WEATHER DATA SOURCES: AWOS–3 118.475 (607) 324–9138.
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEVLAND CENTER APP/DEP CON 124.325 or ctc Cleveland ARTCC at 440–774–0227.
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.
RADIO AIDS TO NAVIGATION: NOTAM FILE ELZ.
WELLSVILLE (DH) DME 115.85 ELZ Chan 105(Y) N42°05.38′ W77°59.97′ 039° 22.5 NM to fld. 2298.
DME unusable:
170°–195° byd 25 NM



HUDSON

COLUMBIA CO (1B1) 4 NE UTC–5(–4DT) N42°17.48′ W73°42.62′ NEW YORK
198 B LRA NOTAM FILE BTV H–10I, 11C, 12K, L–33B, 34I
RWY 03–21: H5350X100 (ASPH–GRVD) S–69, D–111, 2D–358 IAP
PCN 29 F/C/X/T MIRL
RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree.
RWY 21: REIL. PAPI(P4R)—GA 3.52° TCH 41′. Thld dsplcd 160′. Tree.
SERVICE: S3 **FUEL** 100, 100LL, JET A1+ **OX** 1, 3 **LGT** ACTIVATE REIL Rwy 03 and Rwy 21; MIRL Rwy 03–21—CTAF.
AIRPORT REMARKS: Attended 1200–2300Z‡. Wildlife on and invof arpt. Grass cutting eqpt ops adj to all op svc areas, dalgt hrs Apr–Oct. 100LL self–svc avbl 24 hrs. Full svc Jet A avbl aft hrs by prior arrgmnt, call 518–828–9461. Rwy cond not mnt ot rptd when arpt unatndd. Rwy 21 dsgnd calm wind rwy.
AIRPORT MANAGER: 518-828-0871
WEATHER DATA SOURCES: AWOS–3 133.525 (518) 828–2577.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **ALBANY APP/DEP CON** 132.825
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.
RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.
ALBANY (L) (L) VORTACW 115.3 ALB Chan 100 N42°44.84′ W73°48.19′ 184° 27.7 NM to fld. 273/13W.
VOR unusable:
045°–065° byd 11 NM
066°–069° byd 11 NM blo 10,000′
078°–088° byd 20 NM blo 10,000′
109°–121°
121°–131° byd 30 NM
121°–131° wi 30 NM blo 9,900′
131°–168°
184°–189°
226°–269° byd 29 NM blo 15,000′
312°–315°
333°–343°
TACAN AZIMUTH unusable:
032°–042° byd 15 NM
164°–168°
303°–308° byd 37 NM
308°–333°
DME unusable:
303°–308° byd 37 NM



HUDSON VALLEY RGNL (See POUGHKEEPSIE on page 238)

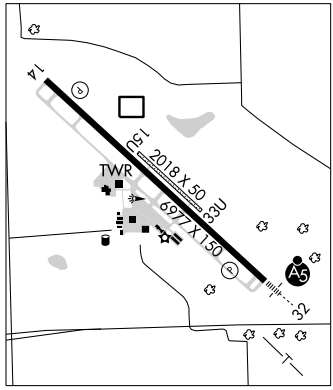
HUGUENOT N41°24.58′ W74°35.50′ NOTAM FILE ISP. NEW YORK
(H) (H) VORW/DME 116.1 HUO Chan 108 093° 9.1 NM to Randall. 1300/11W. H–10I, 12J, L–33A, 34H
VOR unusable:
029°–045°
050°–060° byd 10 NM
061°–079°
210°–230° byd 20 NM blo 6,500′
DME unusable:
037°–048° byd 20 NM
215°–225° byd 33 NM

HUNTER N42°51.25′ W73°56.01′ NOTAM FILE SCH. NEW YORK
NDB (MHW) 356 HEU at Schenectady Co. 332/14W. L–32G

INDEPENDENT HELIPORT (See NEW WINDSOR on page 223)

ITHACA TOMPKINS INTL (ITH)(KITH) 3 NE UTC–5(–4DT) N42°29.48′ W76°27.52′
1099 B Class I, ARFF Index C NOTAM FILE ITH
NEW YORK
H–10H, 11C, 12J, L–30J, 32F
IAP, AD

RWY 14–32: H6977X150 (ASPH–GRVD) S–100, D–192, 2S–114, 2D–574, 2D/2D2–1044 PCR 980 F/B/X/T HIRL 0.3% up SE
RWY 14: PAPI(P4L)—GA 3.0° TCH 50′. RVR–R
RWY 32: MALSR. PAPI(P4L)—GA 3.2° TCH 53′. RVR–T Trees.
RWY 15U–33U: 2018X50 (TURF) 0.3% up SE
RWY 15U: Road.
RWY 33U: Antenna.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 14: TORA–6977 TODA–6977 ASDA–6602 LDA–6602
RWY 32: TORA–6977 TODA–6977 ASDA–6602 LDA–6602
SERVICE: S4 **FUEL** 100LL, JET A **LGT** When ATCT clsd ACTVT MALSR Rwy 32; HIRL Rwy 14–32; twy lgts—CTAF. PAPI Rwy 14 and 32 oprconsly.
AIRPORT REMARKS: Attended continuously. Deer and flocks of birds on and invof arpt. Rwy 15–33 CLOSED ngts, winter months, and after heavy rain. Rwy 15–33 thlds marked with white lime bar, edges marked with reflectors. FBO avbl 1100–0000Z‡; FBO svcs ctc 131.6; aft hrs call 607–279–0392 or 800–876–1551. Pilots conducting EFVS ops; be aware LED ALS in use Rwy 32. Cold temperature airport. Altitude correction required at or below –18C. Ldg fee for tsnt acft.
AIRPORT MANAGER: 607-257-0456
WEATHER DATA SOURCES: AWOS–3PT 125.175 (607) 697–7959.
COMMUNICATIONS: CTAF 119.6 **ATIS** 125.175 **UNICOM** 122.95
Ⓡ **ELMIRA APP/DEP CON** 124.3 (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP/DEP CON** 133.35 (0500–1100Z‡)
TOWER 119.6 (1030–0200Z‡) **GND CON** 121.8 **CLNC DEL** 121.8
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc New York ARTCC.
CLEARANCE DELIVERY PHONE: For CD when twr and elm Apch clsd ctc New York ARTCC.
AIRSPACE: CLASS D svc 1030–0200Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.
(L) DME 111.8 ITH Chan 55 N42°29.70′ W76°27.58′ at fld. 1112.
DME unusable:
360°–160° byd 20 NM blo 6,500′
ILS 108.7 I–ITH Rwy 32. Class IA. Unmonitored when ATCT closed. Glideslope unusable byd 9 NM.
COMM/NAV/WEATHER REMARKS: UNICOM unmon. For Clnc Del when ATCT clsd ctc Elmira Apch on 124.3.



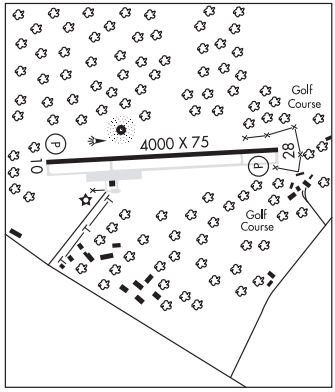
JAMESTOWN

CHAUTAUQUA CO/JAMESTOWN (JHW)(KJHW) 3 N UTC–5(–4DT) N42°09.20´ W79°15.48´ **DETROIT**
1723 B ARFF Index—See Remarks NOTAM FILE JHW MON Airport **H–10H, L–30H**
RWY 07–25: H5300X100 (ASPH–GRVD) S–57, D–95, 2D–125 PCR 250 F/B/W/T HIRL **IAP, AD**
RWY 07: VASI(V4L)—GA 3.0° TCH 52´.
RWY 25: MALSR.
RWY 13–31: H4499X100 (ASPH) S–31, D–56 PCR 148 F/C/W/T MIRL 0.4% up NW
RWY 13: PAPI(P4L)—GA 3.0° TCH 45´. Tree.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 51´. Bldg.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 07: TORA–5300 TODA–5300 ASDA–5300 LDA–5300
RWY 13: TORA–4499 TODA–4499 ASDA–4499 LDA–4499
RWY 25: TORA–5300 TODA–5300 ASDA–5300 LDA–5300
RWY 31: TORA–4499 TODA–4499 ASDA–4499 LDA–4499
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** ACTVT MALSR Rwy 25; REIL Rwy 31; PAPI Rwy 13 and Rwy 31; VASI Rwy 07; HIRL Rwy 07–25; MIRL Rwy 13–31 and twy lgts—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1100–1930Z‡. Deer and birds on and invof arpt. Attendance hrs and svcs avbl are subject to change, call arpt manager at 716–484–0204 to confirm. ARFF Index B cpbl. Rwy/twy conditions not monitored outside normal attendance hrs. Snow removal ops avbl during normal attendance hours; snow removal may be limited on holidays and weekends. 24 hr PPR for air carrier ops with more than 9 PAX seats. Ctc arpt manager at 716–484–0204. For emergencies after hrs, call 911 for mutual aid svc. Ldg fee multi–engine acft only.
AIRPORT MANAGER: 716-581-0062
WEATHER DATA SOURCES: AWOS–3PT 118.425 (716) 664–6005.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **BUFFALO APP/DEP CON** 126.05 (1100–0500Z‡)
Ⓡ **CLEVLAND CENTER APP/DEP CON** 127.075 (0500–1100Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.
AIRSPACE: CLASS E svc 1100–0300Z‡ Sun–Fri, 1200–2300Z‡ Sat; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE JHW.
JAMESTOWN (VH) (H) VORW/DME 114.7 JHW Chan 94 N42°11.32´ W79°07.28´ 258° 6.5 NM to fld. 1786/7W.
VOR unusable:
045°–055° byd 40 NM
095°–110° byd 40 NM
150°–160° byd 40 NM
170°–225° byd 40 NM
295°–305° byd 40 NM
315°–325° byd 40 NM
ILS/DME 109.7 I–JHW Chan 34 Rwy 25. Class IE. Glideslope unusable blw 2,100´.

JOHN F KENNEDY INTL (See NEW YORK on page 225)

JOHNSTOWN

FULTON CO (NYØ) 2 E UTC–5(–4DT) N42°59.89′ W74°19.77′ **NEW YORK**
881 B NOTAM FILE BTV **L–32G**
RWY 10–28: H4000X75 (ASPH) S–33, D–53 MIRL 0.4% up E **IAP**
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40′.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 10 & Rwy 28, MIRL Rwy 10–28, twy lgts—CTAF. PAPI Rwy 10 and Rwy 28 opr continuously.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. Parachute Jumping. Landing fee.
AIRPORT MANAGER: 518-928-6545
WEATHER DATA SOURCES: AWOS–3 119.225 (518) 762–0322.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **ALBANY APP/DEP CON** 118.05
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.
RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.
ALBANY (L) (L) VORTACW 115.3 ALB Chan 100 N42°44.84′ W73°48.19′ 316° 27.7 NM to fld. 273/13W.
VOR unusable:
045°–065° byd 11 NM
066°–069° byd 11 NM blo 10,000′
078°–088° byd 20 NM blo 10,000′
109°–121°
121°–131° byd 30 NM
121°–131° wi 30 NM blo 9,900′
131°–168°
184°–189°
226°–269° byd 29 NM blo 15,000′
312°–315°
333°–343°
TACAN AZIMUTH unusable:
032°–042° byd 15 NM
164°–168°
303°–308° byd 37 NM
308°–333°
DME unusable:
303°–308° byd 37 NM
JOHNSTOWN NDB (MHW) 523 JJH N42°59.97′ W74°19.89′ at fld. 867/14W. NOTAM FILE BTV.



JOSEPH Y RESNICK (See ELLENVILLE on page 199)

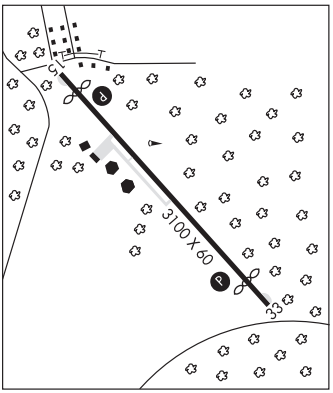
KATHI N43°06.54′ W78°50.30′ NOTAM FILE IAG. **DETROIT**
NDB (LOM) 329 IA 280° 4.7 NM to Niagara Falls Intl.

KEENE

MARCY FLD (1I1) 2 S UTC–5(–4DT) N44°13.25′ W73°47.28′ **MONTREAL**
985 NOTAM FILE BTV
RWY 02–20: 2390X95 (TURF)
RWY 02: Road.
RWY 20: Trees.
AIRPORT REMARKS: Unattended. Closes late Oct reopens mid May. May through Oct dates by NOTAM. Bird activity nr movement areas Rwy 02–20 midfield. Rwy 02–20 soft durg rain.
AIRPORT MANAGER: 518-576-4444
COMMUNICATIONS: CTAF/UNICOM 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.

KENNEDY N40°37.97′ W73°46.28′ NOTAM FILE JFK.
NEW YORK
COPTER
H–10I, 12J, L–33B, 34H
(VH) (DH) VORW/DME 115.9 JFK Chan 106 at John F Kennedy Intl. 10/12W.
VOR unusable:
085°–104° byd 40 NM
105°–115° byd 50 NM
116°–135° byd 40 NM
165°–171° byd 40 NM blo 8,000′
165°–171° byd 60 NM
172°–181° byd 40 NM
182°–192° byd 40 NM blo 6,000′
182°–192° byd 56 NM
193°–204° byd 40 NM
205°–215° byd 66 NM
216°–225° byd 40 NM
270°–339° byd 40 NM
340°–345° byd 20 NM blo 4,000′
340°–345° byd 30 NM

KINGSTON–ULSTER (2ØN) 4 N UTC–5(–4DT) N41°59.12′ W73°57.86′
NEW YORK
L–33B, 34I
IAP
147 NOTAM FILE ISP
RWY 15–33: H3100X60 (ASPH) S–12.5 MIRL 0.4% up NW
RWY 15: PAPI(P2L)—GA 4.5° TCH 50′. Thld dsplcd 235′. Tree.
RWY 33: REIL. PAPI(P2L)—GA 3.6° TCH 53′. Thld dsplcd 309′. Pole.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–3100 TODA–3100 ASDA–3010 LDA–2775
RWY 33: TORA–3100 TODA–3100 ASDA–2939 LDA–2630
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT PAPI Rwys 15 and 33—123.3. MIRL Rwy 15–33; REIL Rwy 33 and twy lgts operate 123.3 dusk–dawn. Rwy 15 PAPI unusable 5° left of course and 8° right of course.
NOISE: Voluntary NS ABTMT procedures in effect. Avoid overflight of housing development adjacent to north end of rwy.
AIRPORT REMARKS: Attended 1400–2200Z‡. Unattended Thanksgiving and Christmas. PAEW adjacent twy/rwy. No runups at Rwy 15 thld. No line of sight between Rwy 33 hold line and acft in final 0.25 mile of apch to Rwy 33.
AIRPORT MANAGER: 845-481-1559
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.



(VL) (L) VORW/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 354° 20.2 NM to fld. 581/12W.
VOR unusable:
008°–018° byd 40 NM blo 4,000′
008°–018° byd 70 NM
020°–123° byd 40 NM
045°–050° byd 35 NM blo 4,300′
070°–140° byd 30 NM blo 3,400′
082°–092° byd 20 NM blo 4,000′
082°–092° byd 35 NM blo 5,500′
130°–148° byd 40 NM
203°–216° byd 30NM
243°–253° byd 40 NM
275°–310° byd 40 NM
311°–321° byd 40 NM blo 6,000′
311°–321° byd 64 NM
322°–001° byd 40 NM

KINGSTON N41°39.93′ W73°49.33′ NOTAM FILE ISP. NEW YORK
(VL) (L) VORW/DME 117.6 IGN Chan 123 242° 3.6 NM to Hudson Valley Rgnl. 581/12W. H–10I, 12J, L–33B, 34H
VOR unusable:
008°–018° byd 40 NM blo 4,000′
008°–018° byd 70 NM
020°–123° byd 40 NM
045°–050° byd 35 NM blo 4,300′
070°–140° byd 30 NM blo 3,400′
082°–092° byd 20 NM blo 4,000′
082°–092° byd 35 NM blo 5,500′
130°–148° byd 40 NM
203°–216° byd 30NM
243°–253° byd 40 NM
275°–310° byd 40 NM
311°–321° byd 40 NM blo 6,000′
311°–321° byd 64 NM
322°–001° byd 40 NM

KLINE KILL (See GHENT on page 206)

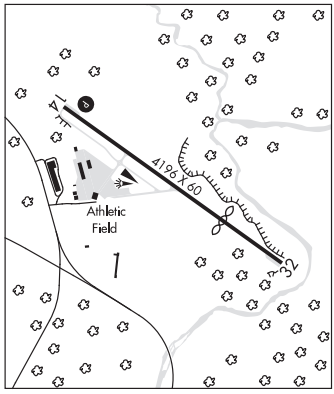
KLUMP N43°00.02′ W78°39.05′ NOTAM FILE BUF. DETROIT
NDB (LOMW) 231 BU 233° 5.0 NM to Buffalo Niagara Intl. 630/9W.

KOBELT (See WALLKILL on page 251)

LA GUARDIA N40°47.02′ W73°52.12′ NOTAM FILE LGA. NEW YORK
(L) (L) VORW/DME 113.1 LGA Chan 78 at Laguardia. 11/12W. H–10I, 12J, L–33B, 34H
VOR unusable:
245°–280° blo 6,000′
DME unusable:
245°–280° byd 25 NM blo 6,000′

LAGUARDIA (See NEW YORK on page 227)

LAKE PLACID (LKP)(KLKP) 1 SE UTC–5(–4DT) N44°15.87′ W73°57.71′ MONTREAL
1747 NOTAM FILE BTV L–32G
RWY 14–32: H4196X60 (ASPH) S–8 PCN 24 F/B/X/T MIRL IAP, AD
RWY 14: PAPI(P2L)—GA 3.5° TCH 51′.
RWY 32: Thld dsplcd 1140′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE PAPI Rwy 14, MIRL Rwy 14–32 and twy lgts—CTAF. Rwy 14 PAPI unusable byd 3 NM.
AIRPORT REMARKS: Attended May–Sep 1300–2100Z‡, Oct–Apr 1300–2100ZZ‡. Extensive glider activity. Mountains on both apchs 1–5 miles from rwy ends. 24 hrs advanced notice required for all Jet A svcs after posted business hrs. Cold temperature airport. Altitude correction required at or below –31C.
AIRPORT MANAGER: 518-302-5106
WEATHER DATA SOURCES: AWOS–3PT 118.025 (518) 302–5259.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**BOSTON CENTER APP/DEP CON** 120.35
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.



CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44º23.83´ W73º10.96´ 272º 34.5 NM to fld. 417/15W.

VOR unusable:
030º–086º byd 40 NM
075º–132º byd 30 NM blo 9,000´
087º–097º byd 40 NM blo 9,000´
087º–097º byd 49 NM
098º–169º byd 40 NM
133º–165º byd 30 NM blo 8,000´
170º–180º byd 40 NM blo 5,800´
170º–180º byd 47 NM
181º–196º byd 40 NM
244º–292º byd 40 NM
340º–350º byd 40 NM blo 6,000´
351º–010º byd 40 NM

DME unusable:
075º–132º byd 30 NM blo 9,000´
133º–165º byd 30 NM blo 8,000´

LE ROY (5GØ) 2 E UTC–5(–4DT) N42º58.88´ W77º56.11´ **DETROIT**
780 B NOTAM FILE BUF **L–31E, 32F**
RWY 10–28: H3854X60 (ASPH) S–12.5 MIRL **IAP**
RWY 10: REIL. PAPI(P2L)—GA 3.0º TCH 31´. Tree.
RWY 28: REIL. PAPI(P2L)—GA 3.5º TCH 53´. Fence.
SERVICE: S2 **FUEL** 100LL **LGT** SS–SR, ACTVT REIL Rwy 10 and 28; PAPI Rwy 10 and 28; MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–2100Z‡, excp major hol. Deer on and invof arpt.
AIRPORT MANAGER: 585-259-9308
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROCHESTER APP/DEP CON** 123.7
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESEO (L) (L) VORW/DME 108.2 GEE Chan 19 N42º50.06´ W77º43.97´ 324º 12.5 NM to fld. 990/9W.
VOR portion unusable:
208º–224º byd 29 NM blo 5,000´
225º–230º
231º–245º byd 29 NM blo 5,000´
DME unusable:
115º–120º byd 29 NM blo 4,000´
140º–155º byd 30 NM blo 5,000´

LEDGEDALE AIRPARK (See BROCKPORT on page 191)

LIVINGSTON

GREEN ACRES (1A1) 2 NE UTC–5(–4DT) N42º08.97´ W73º45.03´ **NEW YORK**
297 NOTAM FILE BTV
RWY 03–21: 2275X75 (TURF)
RWY 03: Trees.
RWY 21: Tree.
SERVICE: S2
AIRPORT REMARKS: Attended dalgt hours. Rwy 03 has + 15´ road across beginning of rwy. Rwy 21 first 400´ of rwy downslopes 20´ to low point of rwy. Mkd p–lines west 0.25 NM, no obstn to left tfc pat.
AIRPORT MANAGER: 518-851-7460
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

LOKKS N40º43.74´ W73º11.41´ NOTAM FILE ISP. **NEW YORK**
NDB (LOMW) 366 IS 059º 5.7 NM to Long Island Mac Arthur. 12/14W.

LONG ISLAND MAC ARTHUR (See NEW YORK on page 228)

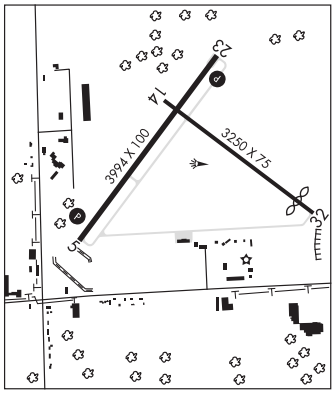
LONG LAKE

LONG LAKE /HELMS SPB (NY9) 0 N UTC–5(–4DT) N43°58.50′ W74°25.23′ **NEW YORK**
1629 NOTAM FILE BUF
WATERWAY NE–SW: 15000X1500 (WATER)
SERVICE: S2 **FUEL** 100LL
SEAPLANE REMARKS: Attended Jun–Aug 1300Z‡–dusk. Bridge acrs lake (Rt 30) 500′ W of base. Do not taxi under bridge at high water levels, possible at low water level, stay to west (high) side of bridge. Water levels may vary +/– 10′. P–line at base and building across from base, +50′ plines along road and bridge (Route 30). One rwy north of bridge and the other rwy south of bridge.
AIRPORT MANAGER: 518-624-3931
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

LONG LAKE SAGAMORE SPB & MARINA SPB (KØ3) 1 N UTC–5(–4DT) N43°58.14′ W74°25.73′ **NEW YORK**
1629 NOTAM FILE BUF
WATERWAY ALL–WAY: 15000X2000 (WATER)
SEAPLANE REMARKS: Attended April–Nov dawn–dusk. Major rwy orientation is NE–SW. Do not taxi under bridge at high water levels, possible at low water levels. Stay to west (high) side of bridge. Water levels vary +/–10′. Access to Sagamore Base from land side via Owlhead Lane off of Rt 30 north of US Post Office on east side. One rwy north of bridge, another rwy south of bridge. Bridge across lake (Route 30) and building across road. +50′ P–lines along road and bridge (Route 30). Sagamore Base located 1/4 mile south of bridge on east shore. SPB located 60 NM east of Carthage, NY.
AIRPORT MANAGER: 518-624-5520
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

LT WARREN EATON (See NORWICH on page 232)

MALONE–DUFORT (MAL)(KMAL) 2 W UTC–5(–4DT) N44°51.22′ W74°19.74′ **MONTREAL**
790 B NOTAM FILE BTV **L–32G**
RWY 05–23: H3994X100 (ASPH) S–20 MIRL 0.4% up SW **IAP**
RWY 05: REIL. PAPI(P2L)—GA 3.15° TCH 42′. Trees.
RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 43′. Trees.
RWY 14–32: H3250X75 (ASPH) S–12.5 MIRL 0.9% up SE
RWY 14: Trees.
RWY 32: Thld dsplcd 348′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–3994 TODA–3994 ASDA–3994 LDA–3994
RWY 14: TORA–3250 TODA–3250 ASDA–3250 LDA–3250
RWY 23: TORA–3994 TODA–3994 ASDA–3994 LDA–3994
RWY 32: TORA–3250 TODA–3250 ASDA–3250 LDA–2902
SERVICE: **FUEL** 100LL **LGT** ACTIVATE PAPI Rwy 05 and Rwy 23, MIRL Rwy 05–23, Rwy 14–32 and twy lgts—CTAF.
AIRPORT REMARKS: Airport not attended. Rwy 14–32 has snow removal but visual inspection and NOTAM check must be done as town roads are plowed before arpt. Haying activity and equipment present Jun–Sept.
AIRPORT MANAGER: (518) 483-4740
WEATHER DATA SOURCES: AWOS–AV 122.8 (518) 651–2601.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 135.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.
MASSENA (H) TACAN Chan 88 MSS (114.1) N44°54.87′ W74°43.36′ 116° 17.2 NM to fld. 198/14W.



MARCY FLD (See KEENE on page 213)

MASSENA INTL–RICHARDS FLD (MSS)(KMSS) 2 E UTC–5(–4DT) N44°56.17′ W74°50.71′ **MONTREAL**
222 B AOE ARFF Index—See Remarks NOTAM FILE MSS **H–11C, 12K, L–32G**
IAP

RWY 05–23: H5601X100 (ASPH–GRVD) S–30, D–50, 2D–76
PCR 360 F/D/X/T HIRL 0.3% up NE
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 55′. Pole.
RWY 23: PAPI(P4L)—GA 3.0° TCH 43′.
RWY 09–27: H4000X100 (ASPH–GRVD) S–30, D–50, 2D–76
PCR 343 F/D/X/T MIRL
RWY 09: REIL. Trees.
RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 35′.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–5601 TODA–5601 ASDA–5601 LDA–5601
RWY 09: TORA–4000 TODA–4000 ASDA–4000 LDA–4000
RWY 23: TORA–5601 TODA–5601 ASDA–5601 LDA–5601
RWY 27: TORA–4000 TODA–4000 ASDA–4000 LDA–4000
SERVICE: S1 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 05, Rwy 09 and Rwy 27, PAPI Rwy 23 and Rwy 27, HIRL Rwy 05–23, MIRL Rwy 09–27 and twy lgts—CTAF. PAPI Rwy 05 opr consly.
AIRPORT REMARKS: Attended Mon–Fri 0900–2200Z‡. Sat–Sun 1200–1300Z‡. Birds and deer on and invof arpt. Frequent concentration of seagulls and Canada geese on and invof arpt particularly during poor wx periods. Class II, ARFF Index A. Index A coverage avbl durg atndc hrs. For emergs outside of atndc hrs, call St Lawrence emerg svc at 911. PPR 24 hrs for air carrier ops with more than 30 passenger seats, call arpt manager 315–769–7605. 421′ lgtd/marked twr 6000′ south of arpt. Rwy conditions reported during normal hrs of ops. Caution NVD ops conducted periodically in arpt tfc pattern area. Mil hel training on and invof arpt. Rwy 05 first 50 ft not grvd. Rwy 09 first 50 ft not grvd. Rwy 27 first 50 ft not grvd. Overnight acft parking avbl at terminal apron. After attendance hrs vehicle and pedestrian access to FBO apron and hangar only avbl with key card for automatic gate. Commuter acft secure area clsd to general aviation acft clearing customs. Parking avbl to right of terminal bldg. Flight Notification Service (ADCUS) avbl. Ldg fee.
AIRPORT MANAGER: 315-769-7605
WEATHER DATA SOURCES: ASOS 128.075 (315) 957–8060.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BOSTON CENTER APP/DEP CON** 135.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.
(H) TACAN Chan 88 MSS (114.1) N44°54.87′ W74°43.36′ 298° 5.4 NM to fld. 198/14W.
MISSE NDB (LOMW) 278 MS N44°51.25′ W74°54.95′ 045° 5.8 NM to fld. 245/14W.
ILS 108.7 I–MSS Rwy 05. Class IE. LOM MISSE NDB. LOM unmonitored.

MATTITUCK (21N) 1 SE UTC–5(–4DT) N40°59.22′ W72°31.15′ **NEW YORK**
30 NOTAM FILE ISP **COPTER**
RWY 01–19: H2200X60 (ASPH)
RWY 01: Trees.
RWY 19: Trees.
AIRPORT REMARKS: Unattended. Call amgr for pmsn to lnd. Deer on and invof arpt. All training ops, tkf and ldg practice and ngt ops are prohibited. Rwy 19, extensive pavement rutting at centerline, 240′–350′ from thld. Segmented circle has no tfc pat indicator.
AIRPORT MANAGER: 631-445-4348
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449.

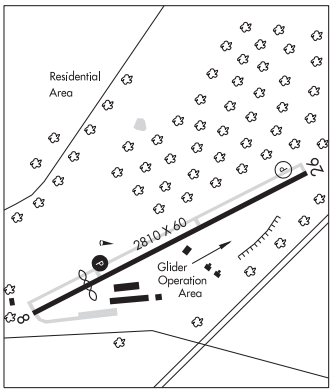
MAYVILLE

DART (D79) 2 E UTC–5(–4DT) N42°16.09′ W79°28.90′ **DETROIT**
1330 TPA—2130(800) NOTAM FILE BUF
RWY 10–28: 3800X60 (TURF)
RWY 10: Trees.
RWY 28: Hangar.
RWY 13–31: 2750X60 (TURF)
RWY 13: P–line.
RWY 31: Pole.
RWY 06–24: 1840X80 (TURF)
RWY 06: Trees.
RWY 24: Tree.
AIRPORT REMARKS: Attended dalgt hours. Extensive glider ops on and invof arpt. Ultralight activity on and invof arpt.
AIRPORT MANAGER: 716-753-6711
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

MIDDLESEX VALLEY (4N2) 1 NW UTC–5(–4DT) N42°42.84′ W77°16.32′ **DETROIT**
770 NOTAM FILE BUF
RWY 03–21: 2130X175 (TURF) 2.1% up NE
RWY 03: Brush.
RWY 21: Tree.
SERVICE: S2
AIRPORT REMARKS: Attended SR–SS. Rwy 03–21 not plowed in winter. Call arpt manager for fld condition 585–465–3926.
AIRPORT MANAGER: (585) 465-3926
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

MIDDLETOWN

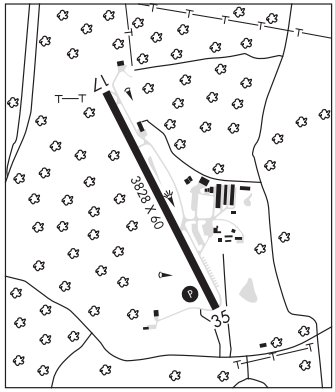
RANDALL (Ø6N) 2 SE UTC–5(–4DT) N41°25.91′ W74°23.49′ **NEW YORK L–33A, 34H IAP**
523 NOTAM FILE ISP
RWY 08–26: H2810X60 (ASPH) S–25 MIRL 0.6% up E
RWY 08: PAPI(P2L)—GA 4.0° TCH 44′. Thld dsplcd 563′. Road.
RWY 26: PAPI(P2R)—GA 4.0° TCH 30′. Trees.
SERVICE: **LGT** ACTVT PAPI Rwy 08; MIRL Rwy 08–26—CTAF. Several rwy and twy lgts OTS indef.
AIRPORT REMARKS: Unattended. Hvy glider and hang glider act on wkends and hols. Ultralgt on and invof of arpt. Rwy 08–26 SW strength is 12.5. Rwy 08 markings very badly faded.
AIRPORT MANAGER: 845-343-5965
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
HUGUENOT (H) (H) VORW/DME 116.1 HUO Chan 108 N41°24.58′ W74°35.50′ 093° 9.1 NM to fld. 1300/11W.
VOR unusable:
029°–045°
050°–060° byd 10 NM
061°–079°
210°–230° byd 20 NM blo 6,500′
DME unusable:
037°–048° byd 20 NM
215°–225° byd 33 NM



MIDLAKES (See GORHAM on page 207)

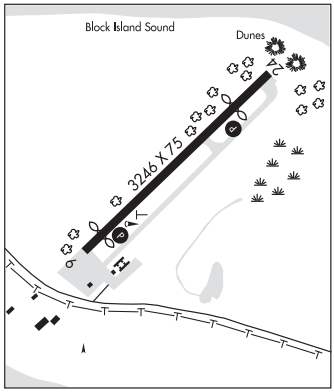
MILLBROOK

SKY ACRES (44N) 6 SW UTC–5(–4DT) N41°42.45′ W73°44.28′ **NEW YORK**
697 NOTAM FILE ISP **L–33B, 34I**
RWY 17–35: H3828X60 (ASPH) S–20 MIRL 1.3% up S **IAP**
RWY 17: Trees.
RWY 35: PAPI(P2L)—GA 3.0° TCH 33′. Trees.
SERVICE: S4 **FUEL** 100LL **LGT** SS–SR ACTVT PAPI Rwy 35; MIRL Rwy 17–35—CTAF. PAPI Rwy 35 unusbl 8 degs right of cntrln.
AIRPORT REMARKS: Attended 1300–2100Z‡. Self–svc fuel avbl 24 hrs. Rwy 17–35 safety areas have 30′ dropoffs sloping 20′ from thld at both ends. Parallel twy not lgtd. Cold temperature airport. Altitude correction required at or below –22C.
AIRPORT MANAGER: 845-677-5010
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (VL) (L) VORW/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 068° 4.5 NM to fld. 581/12W.
VOR unusable:
008°–018° byd 40 NM blo 4,000′
008°–018° byd 70 NM
020°–123° byd 40 NM
045°–050° byd 35 NM blo 4,300′
070°–140° byd 30 NM blo 3,400′
082°–092° byd 20 NM blo 4,000′
082°–092° byd 35 NM blo 5,500′
130°–148° byd 40 NM
203°–216° byd 30NM
243°–253° byd 40 NM
275°–310° byd 40 NM
311°–321° byd 40 NM blo 6,000′
311°–321° byd 64 NM
322°–001° byd 40 NM



MISSE N44°51.25′ W74°54.95′ NOTAM FILE MSS.
NDB (LOMW) 278 MS 045° 5.8 NM to Massena Intl–Richards Fld. 245/14W.

MONTAUK (MTP)(KMTP) 3 NE UTC–5(–4DT) N41°04.60′ W71°55.23′
7 NOTAM FILE MTP
RWY 06–24: H3246X75 (ASPH) MIRL
RWY 06: PAPI(P2R)—GA 3.83° TCH 45′. Thld dsplcd 302′. Trees.
RWY 24: PAPI(P2L)—GA 4.0° TCH 24′. Thld dsplcd 668′. Hill. Rgt tfc.
SERVICE: **LGT** ACTVT MIRL and PAPI Rwy 06–24—121.7. PAPI Rwy 06 temporarily OTS.
NOISE: Noise abatement, Rwy 24 dep, right turn ASAP.
AIRPORT REMARKS: Attended 15 Apr–Oct dalgt hrs. Deer on or invof arpt. PPR hel opns SS–SR; call amgr 631–668–3738. PPR jet acft; call amgr 631–668–3738. Helicopters call for prior permission to lnd on ramp area. No touch and goes Rwy 06–24. Rwy 06 18′ brush along rwy edge 90′ left, 30′ pole 400′ from thld 79′ left, 31′ pole 216′ from rwy thld 233′ right. Rwy 06, 26′ tree 382′ from thld 21′ left, 25′–32′ trees 180′–255′ from thld 60′–90′ left, 11′–17′ trees 225′–270′ from thld 4′–95′ right. Rwy 24, 21′ brush along rwy edge 87′ rgt. Ldg fee.
AIRPORT MANAGER: 631-609-0932
COMMUNICATIONS: **CTAF/UNICOM** 122.7
Ⓡ **NEW YORK APP CON** 125.975
Ⓡ **PROVIDENCE DEP CON** 125.75 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc
Ⓡ **BOSTON CENTER DEP CON** 124.85



CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE HTO.
HAMPTON (H) (H) VORTACW 113.6 HTO Chan 83 N40°55.14′ W72°19.00′ 075° 20.3 NM to fld. 22/13W.
DME unusable:
280°–325° byd 35 NM blo 1,700′
326°–355° byd 30 NM blo 2,000′
TACAN AZIMUTH unusable:
280°–325° byd 35 NM blo 1,700′
326°–355° byd 30 NM blo 2,000′
VOR unusable:
010°–240°
270°–332°

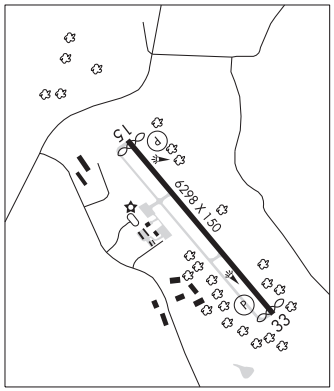
MONTGOMERY

ORANGE CO (MGJ)(KMGJ) 1 SW UTC–5(–4DT) N41°30.71′ W74°15.81′ **NEW YORK**
370 B TPA—See Remarks NOTAM FILE MGJ **H–10I, 12J, L–33B, 34H**
RWY 04–22: H5006X100 (ASPH–GRVD) S–30, D–57, 2D–85 HIRL 0.3% up NE **IAP, AD**
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 52′. Trees.
RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 45′. Trees. Rgt tfc.
RWY 08–26: H3664X100 (ASPH) S–30, D–57, 2D–85 MIRL 0.3% up E
RWY 08: PAPI(P2L)—GA 3.5° TCH 49′. Trees.
RWY 26: PAPI(P2L)—GA 3.5° TCH 43′. Thld dsplcd 315′. Fence. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** ACTVT HIRL Rwy 04–22; MIRL Rwy 08–26; twy lgts—CTAF. REIL Rwy 04 and 22; PAPI Rwys 04 and 22; 08 and 26 opr consly. PCL only avbl SS–SR.
NOISE: Noise abatement procedures in effect, ctc arpt mgr 845–457–4925.
AIRPORT REMARKS: Attended Sun 1330–2130Z‡, Nov–Apr Mon–Sat 1200–2200Z‡, May–Oct Mon–Sat 1200–0000Z‡. Deer and birds on and invof arpt. Rwy 04 designated calm wind rwy. Wind indicator on Rwys 04, 22, 26. Be aware of large turbojet acft invof Stewart arpt lctd 7 NM east–southeast. 800′ hill 1/2 mile northwest of arpt on downwind/base leg for Rwy 22. TPA—1400(1030) single eng, 1700(1330) multi eng/turboprop/jet. 9′ stabilized shoulder each side of Rwy 08–26.
AIRPORT MANAGER: 845-457-4925
WEATHER DATA SOURCES: ASOS 119.275 (845) 990–2308.
COMMUNICATIONS: CTAF/AUNICOM 122.725
Ⓡ **NEW YORK APP/DEP CON** 132.75
MONTGOMERY CLNC DEL 123.85
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448 or 123.85
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
HUGUENOT (H) (H) VORW/DME 116.1 HUO Chan 108 N41°24.58′ W74°35.50′ 078° 16.0 NM to fld. 1300/11W.
VOR unusable:
029°–045°
050°–060° byd 10 NM
061°–079°
210°–230° byd 20 NM blo 6,500′
DME unusable:
037°–048° byd 20 NM
215°–225° byd 33 NM
ILS 111.7 I–MGJ Rwy 04. Class IT. Unmonitored when MGJ Co office clsd.

MONTICELLO

SULLIVAN CO INTL (MSV)(KMSV) 6 NW UTC–5(–4DT) N41°42.10′ W74°47.70′ **NEW YORK**
1403 B ARFF Index—See Remarks NOTAM FILE MSV **H–10I, 12J, L–33A, 34H**
IAP

RWY 15–33: H6298X150 (ASPH–GRVD) S–95, D–131, 2D–223
PCR 596 F/C/X/T HIRL 0.4% up NW
RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 39′. Thld dsplcd 298′. Trees.
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 39′. Thld dsplcd 300′. Trees.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–6298 TODA–6298 ASDA–6198 LDA–5900
RWY 33: TORA–6298 TODA–6298 ASDA–6098 LDA–5798
SERVICE: S3 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 15 and 33; HIRL Rwy 15–33; twy lgts—CTAF. PAPI Rwy 15 and 33 opr consly.
AIRPORT REMARKS: Attended 1130–2200Z‡. Birds, waterfowl, coyote and deer on and invof arpt. Self service 100LL fuel avbl 24 hrs daily. Jet A fuel avbl 1300–2200Z‡ call 845–807–0325. Aftr hrs advn notice req. Class IV, ARFF Index A. PPR 24 hrs for ACR ops with more than 30 pax seats; call amgr 845–807–0326 or 845–665–1714. Ldg fee for acft over 8,000 lbs and all commercial acft regardless of weight.
AIRPORT MANAGER: 845-807-0326
WEATHER DATA SOURCES: AWOS–3PT 124.725 (845) 583–5056.
COMMUNICATIONS: CTAF/UNICOM 122.8
NEW YORK APP/DEP CON 132.75
MONTICELLO CLNC DEL 121.6
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448 or 121.6
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
HUGUENOT (H) (H) VORW/DME 116.1 HUO Chan 108 N41°24.58′ W74°35.50′ 343° 19.8 NM to fld. 1300/11W.
VOR unusable:
029°–045°
050°–060° byd 10 NM
061°–079°
210°–230° byd 20 NM blo 6,500′
DME unusable:
037°–048° byd 20 NM
215°–225° byd 33 NM
ILS/DME 109.1 I–MSV Chan 28 Rwy 15. Class IB.

NEELY N41°29.15′ W74°13.68′ NOTAM FILE SWF. **NEW YORK**
NDB (MHW/LOM) 335 SW 093° 5.7 NM to New York Stewart Intl. 408/14W. **L–33B, 34H**

NEW WINDSOR

INDEPENDENT HELIPORT (T27) 4 WNW UTC–5(–4DT) N41°29.57′ W74°06.26′ **NEW YORK**
512 NOTAM FILE ISP Not insp.
HELIPAD H4: H33X33 (ASPH–GRVL)
AIRPORT MANAGER: 845-549-3755
COMMUNICATIONS: CTAF 122.9

NEW YORK

DOWNTOWN SKYPORT HELIPORT (JRB)(KJRB) 3 SE N40°42.07′ W74°00.54′ **NEW YORK**
7 NOTAM FILE ISP **COPTER**
HELIPAD H1: H62X62 (CONC) S–50 PERIMETER LGTS
SERVICE: **FUEL** JET A
HELIPORT REMARKS: Attended Mon–Fri 1300–0200Z‡, Sat 1400–2300Z‡, Sun 1500–2300Z‡. Attendance early hrs holiday and weekend schedules rqr 24 hrs notice call 212–248–7240. Birds on and invof heliport. Boats may navigate in water along heliport pier. No flts or apchs over FDR drive, two–way radio rqrd. 13 helicopter parking spaces with additional tran positions avbl. Fire stand pipes on site. Ldg fee.
AIRPORT MANAGER: 718-559-0205
WEATHER DATA SOURCES: AWOS–3PT 128.175 (212) 425–1534.
COMMUNICATIONS: CTAF/UNICOM 123.05
APP/DEP CON 120.8
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

EAST 34TH STREET HELIPORT (6N5) 0 E N40°44.55′ W73°58.33′ **NEW YORK COPTER**
10 B NOTAM FILE ISP
HELIPAD H1: H37X37 (ASPH–CONC) RWY LGTS(NSTD)
HELIPAD H2: H44X44 (ASPH) RWY LGTS(NSTD)
HELIPAD H3: H44X44 (ASPH) RWY LGTS(NSTD)
HELIPAD H4: H44X44 (ASPH) RWY LGTS(NSTD)
SERVICE: **FUEL** JET A1
HELIPORT REMARKS: Attended Mon–Fri 1300–0100Z‡. Heliport clsd Sat and Sun. Lctd 4.3 SW of La Guardia Arpt. Bcn lctd abv office trailer blo elev highway. NX RAD wx sys avbl. No late or early ops avbl. All ops over East River. Call ahead for parking. Rwy H1 tsnt prkg. Rwy H1 lgtd bldg and fence NW and SE, elev highway and bldg to the west, fence and bldg to the north and south. River on the east side, sailboats and ferries possible rwy edge of pad. H1 nstd green perimeter lgts. Ldg fee.
AIRPORT MANAGER: 212-889-2319
COMMUNICATIONS: CTAF/UNICOM 123.075
APP/DEP CON 120.8
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

EVERS SPB (6N6) 12 NE UTC–5(–4DT) N40°50.76′ W73°48.97′ **NEW YORK COPTER**
00 NOTAM FILE ISP
WATERWAY ALL–WAY: 5000X400 (WATER)
WATERWAY ALL: Boat.
WATERWAY WAY: Boat.
SEAPLANE REMARKS: Attended April–Oct 1300–0000Z‡. Dalgt ops only. Unlighted barge approximately 350′ northeast of ldg dock and ramp. Left tfc pat is west, southwest, south, southeast; rgt tfc pat is east, northeast, north, northwest. All turns over water. Min alt 300′ base to final turn.
AIRPORT MANAGER: 718-863-9111
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

JOHN F KENNEDY INTL (JFK)(KJFK) 13 SE UTC–5(–4DT) N40°38.40′ W73°46.72′ **NEW YORK**
13 B LRA Class I, ARFF Index E NOTAM FILE JFK **COPTER**
RWY 13R–31L: H14511X200 (CONC–GRVD) D–210, 2S–175, 2D–550, 2D/2D2–1100 PCR 1260 R/B/W/T HIRL CL **H–10I, 12J, L–33B, 34H**
IAP, AD
RWY 13R: RLLS. PAPI(P4L)—GA 3.0° TCH 79′. RVR–TMR Thld dsplcd 2044′. Rgt tfc.
RWY 31L: PAPI(P4L)—GA 3.0° TCH 74′. RVR–TMR Thld dsplcd 3264′.
RWY 04L–22R: H12079X200 (CONC–GRVD) D–210, 2S–175, 2D–550, 2D/2D2–1100 PCR 1260 R/B/W/T HIRL CL
RWY 04L: TDZL. PAPI(P4L)—GA 3.0° TCH 75′. RVR–TR Thld dsplcd 460′.
RWY 22R: PAPI(P4L)—GA 3.0° TCH 77′. RVR–TR Thld dsplcd 3424′. Tree.
RWY 13L–31R: H10000X200 (CONC–GRVD) D–210, 2S–175, 2D–550, 2D/2D2–1100 PCR 1260 R/B/W/T HIRL CL
RWY 13L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 74′. RVR–TR Thld dsplcd 907′. Pole. Rgt tfc.
RWY 31R: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 54′. RVR–TR Thld dsplcd 1027′. Tree.
RWY 04R–22L: H8400X200 (ASPH–GRVD) D–210, 2S–175, 2D–550, 2D/2D2–1100 PCR 1260 F/B/X/T HIRL CL
RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 69′. RVR–TMR
RWY 22L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 66′. RVR–TMR Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L:	TORA–11351	TODA–11351	ASDA–11470	LDA–11010
RWY 04R:	TORA–8400	TODA–8400	ASDA–8400	LDA–8400
RWY 13L:	TORA–10000	TODA–10000	ASDA–10000	LDA–9093
RWY 13R:	TORA–14511	TODA–14511	ASDA–14511	LDA–12467
RWY 22L:	TORA–8400	TODA–8400	ASDA–8400	LDA–8400
RWY 22R:	TORA–12079	TODA–12079	ASDA–11219	LDA–7795
RWY 31L:	TORA–14511	TODA–14511	ASDA–14511	LDA–11247
RWY 31R:	TORA–10000	TODA–10000	ASDA–9513	LDA–8486

ARRESTING GEAR/SYSTEM
RWY 04R: EMAS
RWY 22L: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** Rwy 22L ALSF2 nstd lgt spacing. Rwy 13R first P4L horizontal offset 22° left. Rwy 13R has second P4L with transitional TCH and 3° VGSI. Rwy 22L PAPI horizontal offset 4° to left. Rwy 22R PAPI unusable byd 8° right of centerline. Rwy 13L PAPI rotated 10 deg right of rwy centerline. Rwy 13L PAPI unusable left of rwy centerline.

NOISE: For noise abatement rstrns call 1–800–225–7071.

AIRPORT REMARKS: Special Air Traffic Rules—Part 93 High Density Arpt. Prior reservation rqrd. See Aeronautical Information Manual. Attended continuously. Flocks of birds on and invof arpt. Twy NB clsd to SB turns at Twy A. General Aviation, non based coml acft oprs must make arrangements for fuel prior to arr call 347–566–6620 or UNICOM 122.95. Acft opr and twy restrictions exist for A380, B747–800, B777–300ER and A340–600, and A350–1000. Please ctc JFK arpt ops for more info. High volume of low level VFR traffic, 500′ and blo, along shoreline south of JFK. Para–sail and banner towing ops 1000′ and blo in upper and lower New York bays incl Rockaway Inlet indef. Caution Rwy 13R can be confused with Rwy 13L. Converging ops on Rwy 13R and Rwy 22L conducted via arr distance window. Coded transponder rqrd. Exp to leave and re–enter the Class B Airspace dur moderate to heavy arr periods. Metering procedures in effect–ctc ramp ctl prior to pushback 1200–1500Z‡ daily, 1900–0300Z‡ daily. RLLS Rwy 13L uses 1000′ lgt station of the ALS only with CRI VOR apchs and is angled toward AQUEDUCT, also 5 SFL from 1200′–2000′ and a 5 SFL grouping aprx 1 mile from rwy +1 adjacent forming apch. Apch gate angled 35° south of Rwy 13L cntrln designed to provide earlier ident of rwy environment. Continuous taxiway maintenance activites at numerous locations. A380 and B747–800 acft tax speed restricted to max 17 kts/20 mph on all twys. Twy A between Twy NA and Twy NB acft speed restriction of 17 kts/20 mph maximum for A380, B747–800, B747–400, B777–300ER, B777–200, A340, A330, B787 and A350. Ufn Twy D between Twy C and hangar 7 clsd. Twy NB clsd to Southbound turns at Twy A. Acft are not permitted to stop on either Twy A or B bridges. Twy Z btn Rwy 04L and 22R and Twy Y clsd UFN. Twy VA clsd between Trml 7 apron and Twy A. Twy K runup pad clsd to acft wingspan more than 140 ft. Periodic fire department training adjacent apch end of Rwys 22L and 22R. Rwy 31R holding position markings at Rwy 04L–22R southeast side obsc. Rwy 13L holding position markings at Rwy 04L–22R northwest side obsc. Obstruction bldg lgt OTS 6.3 NM ESE JFK 222′ MSL (220′ AGL). EMAS non–std Arresting Gear/System: Engineered Materials Arresting System (EMAS) 393′ in length by 226′ in width lctd at DER 04R. Nstd engineered materials Arresting System (EMAS) 405′ in length by 226′ in width lctd at ther DER 22L. Rwy status lgts in ops. Rwy 31R 1000 ft dist remaining sign misg. Non–std markings in general aviation apn, ctc FBO on UNICOM or 347–566–6620 for wing walkers. Obst parked acft (ASN 2020–AEA–1302–NRA) 40 39 33N, 073 47 49W (1.4NM NW JFK) 74 (64 ft AGL) U/S 1200–0100 dly. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: (718) 244-3501

WEATHER DATA SOURCES: ASOS (347) 588–1609 LLWAS. TDWR.

CONTINUED ON NEXT PAGE

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COMMUNICATIONS: D–ATIS ARR/DEP 128.725 **D–ATIS ARR–SW** 115.4 **D–ATIS ARR–NE** 117.7 **UNICOM** 122.95
Ⓡ **NEW YORK APP CON** 128.125
Ⓡ **NEW YORK DEP CON** 135.9
TOWER 119.1 (Rwys 04R–22L and 13L–31R) 123.9 (Rwy 04L–22R and 13R–31L)
GND CON 121.9 **CLNC DEL/PRE TAXI CLNC** 135.05 **RAMP CTL** 125.05
CPDLC (LOGON KUSA)
PDC
AIRSPACE: CLASS B See VFR Terminal Area Chart.
RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.
KENNEDY (VH) (DH) VORW/DME 115.9 JFK Chan 106 N40°37.97′ W73°46.28′ at fld. 10/12W.
VOR unusable:
085°–104° byd 40 NM
105°–115° byd 50 NM
116°–135° byd 40 NM
165°–171° byd 40 NM blo 8,000′
165°–171° byd 60 NM
172°–181° byd 40 NM
182°–192° byd 40 NM blo 6,000′
182°–192° byd 56 NM
193°–204° byd 40 NM
205°–215° byd 66 NM
216°–225° byd 40 NM
270°–339° byd 40 NM
340°–345° byd 20 NM blo 4,000′
340°–345° byd 30 NM
CANARSIE (T) (T) VORW/DME 112.3 CRI Chan 70 N40°36.75′ W73°53.67′ 084° 5.5 NM to fld. 4/11W.
ILS/DME 110.9 I–HIQ Chan 46 Rwy 04L. Class IE. Glideslope unusable byd 5° right of course. Auto cpd apchs NA blw 500ft MSL.
ILS/DME 109.5 I–JFK Chan 32 Rwy 04R. Class IIIE. DME also serves Rwy 22R.
ILS/DME 111.5 I–TLK Chan 52 Rwy 13L. Class IIE. LOC unusable byd 11 DME. DME unusable byd 30° right of centerline. Glideslope unusable byd 8 NM.
ILS/DME 110.9 I–IWY Chan 46 Rwy 22L. Class IIIE.
ILS/DME 109.5 I–JOC Chan 32 Rwy 22R. Localizer offset angle 2.5 deg. DME also serves Rwy 04R.
ILS 111.35 I–MOH Rwy 31L. Class IC.
ILS/DME 111.5 I–RTH Chan 52 Rwy 31R. Class ID. LOC unusable byd 15° left side of course. ILS RTH markings obsc at Twy K indef.
COMM/NAV/WEATHER REMARKS: Use caution for possible radio interference or false instructions on twr frequencies.

LAGUARDIA (LGA)(KLGA) 4 E UTC–5(–4DT) N40°46.63′ W73°52.36′ **NEW YORK**
21 B LRA Class I, ARFF Index D NOTAM FILE LGA **COPTER**
RWY 04–22: H7002X150 (ASPH–CONC–GRVD) S–80, D–170, 2S–175, 2D–360 PCR 530 F/A/X/T **H–10I, 12J, L–33B, 34H**
HIRL CL **IAP, AD**
RWY 04: MALSR. TDZL. PAPI(P4R)—GA 3.14° TCH 54′. RVR–TR Bldg.
RWY 22: ALSF1. TDZL. PAPI(P4R)—GA 3.0° TCH 67′. RVR–TR
RWY 13–31: H7002X150 (ASPH–CONC–GRVD) S–80, D–170, 2S–175, 2D–360 PCR 577 F/B/X/T HIRL CL
RWY 13: MALSR. TDZL. PAPI(P4L)—GA 3.1° TCH 55′. RVR–TR
RWY 31: REIL. PAPI(P4R)—GA 3.0° TCH 71′. RVR–TR Bldg.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–7002 TODA–7002 ASDA–7002 LDA–7002
RWY 13: TORA–7002 TODA–7002 ASDA–7002 LDA–7002
RWY 22: TORA–7002 TODA–7002 ASDA–7002 LDA–7002
RWY 31: TORA–7002 TODA–7002 ASDA–7002 LDA–7002
ARRESTING GEAR/SYSTEM
RWY 04: EMAS
RWY 13: EMAS
RWY 22: EMAS
RWY 31: EMAS
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** PAPI Rwy 13 unusbl 8° left of cntrln and 9° right of cntrln.
NOISE: For noise abatement rstrns call 212–435–3782 durg nml bus hrs.
AIRPORT REMARKS: Special Air Traffic Rules—Part 93; High Density Arpt, Prior Rsvn Rqrd, see AIM. Coded Transponder rqrd. VFR reservation info avbl on ATIS. Flocks of birds on and invof arpt. Attended continuously. Ship masts in apch Rwy 31. Obst sign structure unkn (39′ AGL) 500′ E of Rwy 04–22 cntrln and 4800′ S of Rwy 13–31 cntrln. Exp to leave and re–enter the Class B Airspace dur moderate to heavy arr periods. Mag anomalies may affect compass hdg when using extension Rwy 13 and Rwy 22 for tkof. Acft ops and twy wt rstrns exist for ADG–III and ADG–IV. Please ctc LGA arpt ops at 718–533–3700 for more info. Rwy 13–31 NW 944 ft of rwy is a deck ovr wtr; rwy friction may be different than rmng ptn of rwy durg wint wx. Rwy 14–22 NE 1776 ft of rwy is a deck ovr wtr; rwy friction may be different than rmng ptn of rwy durg wint wx. Twy G, P, R and Twy U concrete deck rstd to 5 kts turns, 10 kts straight. Twy F and Twy D west of Twy BB clsd to acft with wingspans in excess of 125′. Twy F lctd btn Twy BB and Twy Y clsd indef. B767–400 acft rstrd to 10 kts on Twy DD, Z, B, and Twy AA. Rwy status lgts in opr. Ohd pax bridges on N side of terminal B prvd 50′ tail hgt clnc when on taxilane cntrln. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fee. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: 718-533-3401
WEATHER DATA SOURCES: ASOS (929) 229–1994 LLWAS.
COMMUNICATIONS: D–ATIS ARR 125.95 (718) 424–4713 **D–ATIS DEP** 127.05 (718) 424–4713 **UNICOM** 122.95
Ⓡ **NEW YORK APP CON** 120.8 120.05
TOWER 118.7 **GND CON** 121.7 **CLNC DEL** 135.2 (121.875 helicopters) **PRE TAXI CLNC** 135.2
Ⓡ **NEW YORK DEP CON** 120.4
CPDLC (LOGON KUSA)
PDC
AIRSPACE: CLASS B See VFR Terminal Area Chart.
RADIO AIDS TO NAVIGATION: NOTAM FILE LGA.
LA GUARDIA (L) (L) VORW/DME 113.1 LGA Chan 78 N40°47.02′ W73°52.12′ at fld. 11/12W.
VOR unusable:
245°–280° blo 6,000′
DME unusable:
245°–280° byd 25 NM blo 6,000′
ILS/DME 110.5 I–LGA Chan 42 Rwy 04. Class IT. LOC unusable byd 20° left of course.
ILS/DME 108.5 I–GDI Chan 22 Rwy 13. Class IE. Glideslope unusable byd 4° left of course.
ILS/DME 110.5 I–URD Chan 42 Rwy 22. Class IIE.
LOC/DME 108.5 I–PZV Chan 22 Rwy 31. Offset localizer angle 1.7 degrees.

HELIPAD H1: H45X45 (ASPH)

LONG ISLAND MAC ARTHUR (ISP)(KISP) P (ARNG) 40 E UTC–5(–4DT) N40°47.77′ W73°06.04′

99 B LRA Class I, ARFF Index C NOTAM FILE ISP

RWY 06–24: H7006X150 (ASPH–GRVD) S–100, D–210, 2S–175, 2D–300 PCR 550 F/A/X/T HIRL CL

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 53′. RVR–TR Tree.

RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 52′. RVR–TR Rgt tfc.

RWY 15R–33L: H5186X150 (ASPH–GRVD) S–100, D–170, 2S–175, 2D–300 PCR 590 F/B/X/T MIRL 0.4% up NW

RWY 15R: PAPI(P4L)—GA 3.1° TCH 46′. Rgt tfc.

RWY 33L: PAPI(P4L)—GA 3.0° TCH 50′. Trees.

RWY 15L–33R: H3175X75 (ASPH) S–25 PCR 280 F/B/X/T 0.3% up NW No Part 121/Part 380 Ops

RWY 33R: Rgt tfc.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 06	15R–33L	4200
RWY 33R	06–24	3000

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06:	TORA–7006	TODA–7006	ASDA–7006	LDA–7006
RWY 15L:	TORA–3175	TODA–3175	ASDA–3175	LDA–3175
RWY 15R:	TORA–5186	TODA–5186	ASDA–5186	LDA–5186
RWY 24:	TORA–7006	TODA–7006	ASDA–7006	LDA–7006
RWY 33L:	TORA–5186	TODA–5186	ASDA–5186	LDA–5186
RWY 33R:	TORA–3175	TODA–3175	ASDA–3175	LDA–3175

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Dusk–dawn. When ATCT clsd ACTVT MIRL Rwy 15R–33L; twy lgts—CTAF. HIRL Rwy 06–24 preset low intst ACTVT—CTAF. MALSR Rwy 06 or 24 preset med intst for prevailing wind rwy. Rwy 06 nstd MALSR, three outermost flasher lgts exceed std spacing. **MILITARY— FUEL** 100LL, A

NOISE: Voluntary noise abatement procedures in effect for fixed wing acft and helicopters. Ctc arpt management 631–467–3300.

AIRPORT REMARKS: Attended continuously. Bird activity on and invof arpt. Advsy, tfc ldg Rwy 33L high density VFR tfc opr 600′ MSL and blo vcnty Bayport Aerodrome 3 miles southeast. Updrafts may be encountered invof powerplant 1.5 NM northeast Rwy 24. Rwy 15L–33R clsd to fixed wing acft at ngt and avbl for taxiing. Rwy 15L–33R not avbl for ngt tkf and ldg ops. Ltd to 48,000 lbs or less. Twy S unlgtd east of terminal apron. Rwy 15L nstd markings, thld bar missing on rwy end. Rwy 33R nstd markings, thld bar missing on rwy end. Ldg fee for all acft exc mil, govt and not–for–profit medical flights. NOTE: See Special Notices—Arrival Alert.

AIRPORT MANAGER: 631-467-3300

WEATHER DATA SOURCES: ASOS 120.725 (631) 471–0131. WSP.

COMMUNICATIONS: CTAF 119.3 **ATIS** 120.725 **UNICOM** 122.95

Ⓡ **NEW YORK APP/DEP CON** 120.05

LONG ISLAND TOWER 119.3 (1100–0500Z‡) **GND CON** 135.3 **CLNC DEL** 121.85

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch at 516-683-2449.

AIRSPACE: CLASS C svc ctc **APP CON** svc 1100–0500Z‡; other times CLASS E.

VOR TEST FACILITY (VOT) 109.4

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

DEER PARK (L) (L) VORW/DME 117.7 DPK Chan 124 N40°47.51′ W73°18.22′ 100° 9.3 NM to fld. 117/12W.
VOR/DME unusable:
Byd 25 NM blo 5,000′
DME unusable:
265°–274° byd 17 NM blo 5,000′
275°–280°
281°–015° byd 17 NM blo 5,000′

LOKKS NDB (LOMW) 366 IS N40°43.74′ W73°11.41′ 059° 5.7 NM to fld. 12/14W.

ILS/DME 108.3 I–ISP Chan 20 Rwy 06. Class IIE. LOM LOKKS NDB. Unmonitored when ATCT clsd. LOC unusable byd 22° left of course.

ILS/DME 108.3 I–RXN Chan 20 Rwy 24. Class IT. Unmonitored when ATCT clsd. Autopilot cpd apch NA blw 920′. DME shared with ISP ILS. DME unusable byd 17 NM.

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HELIPAD H1: H50X50 (ASPH)

HELIPAD H2: H50X50 (ASPH)

HELIPORT REMARKS: Helipad H1 lctd on Twy W south of the int of Twy B. Helipad H2 lctd on Twy C north of Twy S.

NEW YORK SKYPORTS INC SPB (6N7) 0 E UTC–5(–4DT) N40°44.04′ W73°58.37′ **NEW YORK COPTER**
00 NOTAM FILE ISP
WATERWAY N–S: 10000X1000 (WATER)
SEAPLANE REMARKS: Attended 1300Z‡–dusk. No tie–downs and no overnight stays avbl. Pilots must complete a proving flt with an authorized member of the N.E. Seaplanes Pilots Association prior to spbase use. 3–bladed props rqrd on all seaplanes. Pilots rqr not to fly over the 59th Street Bridge. East River velocity 2.6 miles per hr in SSW direction. Heavy boat tfc in river. Pilots rqrd to taxi 1000′ offshore on Manhattan side before beginning tkf. CH13 (VHF 165.65) is monitored at seaport for inbound boat tfc and intership nav safety. Ldg fee.
AIRPORT MANAGER: (201) 214-0969
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

NEW YORK STEWART INTL (SWF)(KSWF) P (A AR ANG MC) 44 N UTC–5(–4DT) N41°30.25′ W74°06.29′ **NEW YORK H–10I, 12J, L–33B, 34I IAP, AD**
491 B TPA—See Remarks Class I, ARFF Index C NOTAM FILE SWF MON Airport
RWY 09–27: H11817X150 (ASPH–GRVD) S–85, D–175, 2S–175, 2D–350, 2D/2D2–775 PCR 733 F/B/X/T HIRL CL
RWY 09: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 65′. RVR–TMR Thld dsplcd 2000′. Fence. 0.4% down.
RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 56′. RVR–TMR Thld dsplcd 2000′. Tree.
RWY 16–34: H6004X150 (ASPH–GRVD) S–120, D–190, 2S–175, 2D–350, 2D/2D2–800 PCR 733 F/B/X/T HIRL 0.6% up NW
RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 53′.
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 49′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 09: TORA–11817 TODA–11817 ASDA–10817 LDA–8817
RWY 16: TORA–6004 TODA–6004 ASDA–6004 LDA–6004
RWY 27: TORA–11817 TODA–11817 ASDA–11817 LDA–9817
RWY 34: TORA–6004 TODA–6004 ASDA–6004 LDA–6004
SERVICE: S4 **FUEL** 100LL, JET A **LGT** Rwy 09 ALSF–2 SFL U/S. Rwy 16 PAPI unusbl byd 5 degs left of cntrln.
MILITARY— JASU 1(MA–1A) 1(M32–60) 1(MD–3) **FUEL** A++ (Mil), A+ (C845–567–9800) (NC–100LL) **TRAN ALERT** No tran maint.
NOISE: Noise abatement procedures in effect ctc arpt manager 845–838–8200. Avoid Orange Co. Arpt, located 7 NM west–northwest during VFR apchs. Rgt tfc on Rwy 16 and Rwy 27 may be used for noise abatement.
AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Extsv glider act 8 mi E of HUO VORTAC in a 5 mi radius. All sfcs: Work in progress grass cutting conducted Apr—Oct. Hudson Valley Rgnl lctd 3.3 NM SW IGN VORTAC, do not mistake for Stewart Intl. TPA—1200(709) hel, 1500(1009) reciprocating eng, 2500(2009) turboprop/jet. Twy L clsd exc 20 minutes PPR. Twy L apron follow me vehicle required. Ctc arpt ops 845–838–8237. Twys B and H restricted to acft with wingspan gtr than 118′. Twy C btn Twy B and Twy F not visible fm twr. Twy C rstrd to acft with wingspan gtr than 125 ft btn trml bldg and bldg 118. Acft with wingspan 172 ft or more rqr vehicle escort for all Twy C opns S of trml apn. Txl C not vsb to twr for acft pushback fm pax trml; ctc gnd freq for pushback onto txl C. Ctc arpt opns 845–838–8237. No jet trng 0400–1200Z‡ dly. Rwy 16 and Rwy 34 has mil assault ldg zone and basic mkgs with aiming points. Rwy 09 VGSI and ILS glidepath not coincident. Compass calibration pad lctd on the Twy G runup apron. User fee arpt. User fee charged to all intl flts. Flight Notification Service (ADCUS) avbl. Ldg fee per 1000 lbs certificated gross max TOG.
AIRPORT MANAGER: 845-838-8200
WEATHER DATA SOURCES: AWOS–3PT
COMMUNICATIONS: ATIS 124.575 845–567–9311 **UNICOM** 122.95
Ⓡ **NEW YORK APP/DEP CON** 132.75
TOWER 121.0 **GND CON** 121.9
AIRSPACE: CLASS D.

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RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (VL) (L) VORW/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 245° 16.0 NM to fld. 581/12W.

VOR unusable:

008°–018° byd 40 NM blo 4,000′
008°–018° byd 70 NM
020°–123° byd 40 NM
045°–050° byd 35 NM blo 4,300′
070°–140° byd 30 NM blo 3,400′
082°–092° byd 20 NM blo 4,000′
082°–092° byd 35 NM blo 5,500′
130°–148° byd 40 NM
203°–216° byd 30NM
243°–253° byd 40 NM
275°–310° byd 40 NM
311°–321° byd 40 NM blo 6,000′
311°–321° byd 64 NM
322°–001° byd 40 NM

NEELY NDB (MHW/LOM) 335 SW N41°29.15′ W74°13.68′ 093° 5.7 NM to fld. 408/14W. NOTAM FILE SWF.

ILS 110.1 I–SWF Rwy 09. Class IIIE. LOM NEELY NDB.

ILS/DME 109.95 I–JKH Chan 36(Y) Rwy 27. Class IB.

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HELIPAD H1: H40X40 (ASPH)

HELIPORT REMARKS: Helipad located intersection Twy B and Twy C and east of Twy C.

WEST 30TH ST HELIPORT (JRA)(KJRA) 0 N N40°45.29′ W74°00.42′ **NEW YORK COPTER**

7 NOTAM FILE ISP

HELIPAD H1: H45X45 (ASPH) S–6 PERIMETER LGTS

HELIPAD H1: Rgt tfc.

HELIPAD H2: H45X45 (ASPH) S–6

HELIPAD H2: Rgt tfc.

HELIPAD H3: H45X45 (ASPH)

HELIPAD H4: H45X45 (ASPH)

HELIPAD H5: H45X45 (ASPH)

HELIPAD H6: H45X45 (ASPH)

SERVICE: FUEL JET A

HELIPORT REMARKS: Attended continuously. North and south finger pier pads are clsd. +40′ lgts lctd at south end of heliport. +10′ fencing lctd along east edge of heliport and btn ldg spots 2 and 3. All tkfs and ldgs made over Hudson River. Fire alarm box to nearby firehouse lctd at fac. All helipads, H1, H6 circular. Helipad H3 no ingress/egress over 12th Avenue. Parking avbl. Helipad H1 perimeter lgts.

AIRPORT MANAGER: 212-563-4442

COMMUNICATIONS: CTAF/UNICOM 123.05

APP/DEP CON 127.85

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

NEWFANE

HOLLANDS INTL FLD (85N) 3 SW UTC–5(–4DT) N43°15.29′ W78°45.93′ **DETROIT**

360 NOTAM FILE BUF

RWY NE–SW: 2875X75 (TURF)

RWY NE: Trees.

RWY SW: Trees.

AIRPORT REMARKS: Unattended. Parachute Jumping. Rwy SW nmrs 100′ trees srnd rwy. Rwy NE; nmrs trees +25′–80′ tall; 50′ left to 143′ right of cntrln. Rwy sfc rough, unsuitable for acft. Rwy NE/SW sfc rolling terrain. 4 ft ditch between rwy and txy. Rwy used for farming. May have large round hay bales on rwy.

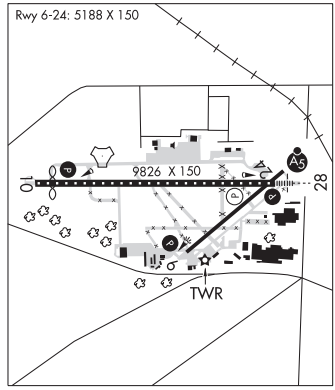
AIRPORT MANAGER: 716-536-8653

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

NIAGARA FALLS INTL (IAG)(KIAG) P (AFRC ANG) 4 E UTC–5(–4DT) N43º06.50´ W78º56.77´ **DETROIT**
592 B LRA ARFF Index—See Remarks NOTAM FILE IAG **H–10H, 11B, L–31E**
IAP, DIAP, AD

RWY 10–28: H9826X150 (ASPH–CONC–GRVD) S–120, D–240, 2D–447, 2D/2D2–957 PCR 4110 F/B/X/T HIRL CL
RWY 10: PAPI(P4L)—GA 2.89º TCH 53´. RVR–R Thld dsplcd 700´. Tree.
RWY 28: MALSR. TDZL. PAPI(P4L)—GA 2.5º TCH 67´. RVR–T Tree.
RWY 06–24: H5188X150 (ASPH) S–120, D–250, 2D–462 PCR 2540 F/B/X/T MIRL
RWY 06: REIL. PAPI(P4L)—GA 3.0º TCH 45´. Tree.
RWY 24: REIL. PAPI(P4L)—GA 3.0º TCH 48´. Tree.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–5188 TODA–5188 ASDA–5188 LDA–5188
RWY 10: TORA–9829 TODA–10829 ASDA–9829 LDA–9129
RWY 24: TORA–5188 TODA–5188 ASDA–5108 LDA–5108
RWY 28: TORA–9829 TODA–10529 ASDA–9129 LDA–9129

SERVICE: S2 **FUEL** 100LL, JET A, A+ **LGT** When ATCT clsd ACTVT MALSR Rwy 28; REIL Rwy 06, 24; cntrln Rwy 10/28; PAPI Rwy 06, 24, 10; HIRL Rwy 10/28; MIRL Rwy 06/24; twy lgts—CTAF. **MILITARY— JASU** 2(A/M32A–86) 1(AM32A–60) 1(MA–1A) **FUEL** A++(Mil) **FLUID** SP **OIL** O–148(Mil)

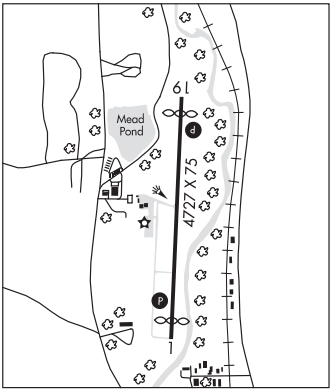
AIRPORT REMARKS: Attended continuously. Heavy concentrations of gulls, blackbirds, starlings up to 5000´ AGL on and invof arpt. Bird acft strike haz Phase II ops at KIAG Mar–May and Sep–Nov. PAJA opns SR–SS. Call amgr for more info. Class I, ARFF Index B. ARFF Index E equipment coverage provided. Extensive acft activity opr invof US/Canadian falls all alts. Intxn deps Rwy 24 at Twy D1 are not authorized. Rwy 28 rollout end of rwy—last 900 ft not grooved. Rwy 28 1000 ft by 150 ft blast pad. Twys A, A1, A2, A3, M & L non–mov areas. Twy D3 rstd to 12,500 lbs or less. Ldg fee. Parking fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Recommended VFR Flt Procedures.

MILITARY REMARKS: RSTD All mil acft opr rstd during Bird Watch Condition Moderate (tkf and ldg permission only when departing/arrival route avoids identified bird activity, no local IFR/VFR tfc pat activity) and Severe (tkf and ldg prohibited without OG/CC approval), ctc Comd Post for current Bird Watch Condition. **MISC** Local mission aircraft have priority for deicing; military side only acft deicing limited to KC–135R only. All mil acft only minimal classified materials avbl, aircrews should arrive with appropriate amount to complete their mission. For current Mil Rwy Condition Reading (RCR) call or ctc 914 ARW comd post or 914th ARW afld management. **AFRC/ANG** PPR ctc Afld mgmt DSN 238–2176, C716–236–2176. Airfield ops svc 1200–0400Z‡ Mon–Fri exc hol. Nstd ops apn mrks identifying prkg row and prkg lctn. Nstd main apn mrk east side, prk stop bar and Acft Gnd Eqpt (AGE) box. Cstms/AG/img svc not lctd on Niagara Falls ARS. Svc avbl H24. Ops apron west stanchion lights unsvc. Use CAUTION dur ngt time ops. Afld management does not issue or store COMSEC, for COMSEC storage ctc Command Post DSN 238–2150, C716–236–2150. Minimum alt over Niagara Falls scenic falls is 3500´. No fleet svc avbl.

AIRPORT MANAGER: (716) 297-4494
WEATHER DATA SOURCES: ASOS (716) 409–9256
COMMUNICATIONS: CTAF 118.5 **ATIS** 120.8 269.4 **UNICOM** 122.95
Ⓡ **BUFFALO APP/DEP CON** 126.5 317.6
TOWER 118.5 349.0 (1200–0400Z‡) **GND CON** 125.3 275.8 **CLNC DEL** 119.25 251.1
914 AW COMD POST/AFLD MGMT (MUSHROOM OPS) 340.025 (DSN—238–2150, C716–236–2150. Afld mgmt—DSN 238–2176, C716–236–2176 (AMOPS).
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Buffalo ATCT on freq or 716-626-6920.
AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BUFFALO (DH) DME 116.4 BUF Chan 111 N42º55.74´ W78º38.78´ 309º 17.0 NM to fld. 730.
DME unusable:
051º–085º byd 25 NM blo 4,500´
301º–050º byd 25 NM blo 3,500´
(T) TACAN Chan 47 IAG (111.0) N43º06.75´ W78º57.61´ at fld. 592/10W. NOTAM FILE IAG. TACAN status unmonitored drg amops non–duty hrs 0400–1100Z‡.
TACAN AZIMUTH unusable:
079º–089º byd 20 NM blo 3,000´
090º–078º byd 20 NM
DME unusable:
079º–089º byd 20 NM blo 3,000´
090º–078º byd 20 NM
KATHI NDB (LOMW) 329 IA N43º06.55´ W78º50.30´ 280º 4.7 NM to fld. 615/10W. NOTAM FILE KIAG.
ILS 110.1 I–IAG Rwy 28. Class IE. LOM KATHI NDB. Unmonitored when ATCT clsd.

NORWICH

LT WARREN EATON (OIC)(KOIC) 2 N UTC–5(–4DT) N42°33.99′ W75°31.45′ — NEW YORK
1024 B NOTAM FILE OIC — L–32F
RWY 01–19: H4727X75 (ASPH–GRVD) S–48.5, D–68 PCN 14 F/A/X/T HIRL 0.3% up N — IAP
RWY 01: PAPI(P2L)—GA 4.0° TCH 34′. Thld dsplcd 275′. Trees.
RWY 19: REIL. PAPI(P2L)—GA 3.75° TCH 50′. Thld dsplcd 333′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–4727 TODA–4727 ASDA–4394 LDA–4119
RWY 19: TORA–4727 TODA–4727 ASDA–4452 LDA–4119
SERVICE: **FUEL** 100LL, JET A, A+ **LGT** ACTVT REIL Rwy 19; PAPI Rwy 01 and 19; HIRL Rwy 01–19—CTAF. Rwy 01 PAPI unusbl byd 4 deg left of cntrln. Rwy 19 PAPI unusbl byd 3 NM and 4 deg left of cntrln.
AIRPORT REMARKS: Attended Mon–Fri 1200–2000Z‡. Unattended Christmas. Self–svc fuel avbl 24/7 with credit card. Geese and deer on and invof arpt. Rwy 19 has 15′ dropoff 30′ from thld on west side. Rwy safety areas have depressions in sfc. Cold temperature airport. Altitude correction required at or below –24C. Overnight tie–down fee, fee waived with fuel purchase.
AIRPORT MANAGER: 607-334-9430
WEATHER DATA SOURCES: AWOS–3 119.025 (607) 336–8583.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 133.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
ROCKDALE (L) (L) VORW/DME 112.6 RKA Chan 73 N42°27.98′ W75°14.35′ 307° 14.0 NM to fld. 2032/11W.



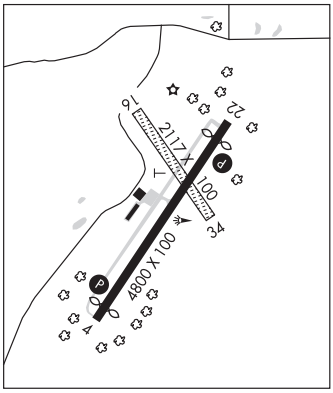
OGDENSBURG INTL (OGS)(KOGS) 2 SE UTC–5(–4DT) N44°40.94′ W75°27.80′ — MONTREAL
302 B AOE ARFF Index—See Remarks NOTAM FILE OGS — H–11C, 12K, L–32G
RWY 09–27: H6400X150 (ASPH–GRVD) S–114, D–151, 2D–225 PCR 523 F/D/X/T HIRL — IAP, AD
RWY 09: PAPI(P4L)—GA 3.0° TCH 46′.
RWY 27: MALSF. PAPI(P4L)—GA 3.0° TCH 45′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 09: TORA–6400 TODA–6400 ASDA–6006 LDA–6006
RWY 27: TORA–6400 TODA–6400 ASDA–6035 LDA–6035
SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT MALSF Rwy 27; HIRL Rwy 09–27; Twy lgts—CTAF. PAPI Rwy 09 & 27 opr consly.
AIRPORT REMARKS: Attended 1130–0030Z‡. Birds and deer on or invof arpt. Fuel avbl after 2100Z‡ call 315–869–2676. Class I, ARFF Index A. PPR 24 hrs for unsked ACR ops with more than 30 pax seats, call amgr. ARFF Index B coverage is avbl upon req. Rwy/twy/apn cond not monitored outside nml attendance hrs. AOE free except Sun after 0500Z‡ and hol. Ldg Fee arpt. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: (315) 869-2676
WEATHER DATA SOURCES: AWOS–3 118.525 (315) 393–8982.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**BOSTON CENTER APP/DEP CON** 135.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.
MASSENA (H) TACAN Chan 88 MSS (114.1) N44°54.87′ W74°43.36′ 260° 34.6 NM to fld. 198/14W.
OGIVE NDB (LOMW) 358 OG N44°42.09′ W75°21.18′ 269° 4.9 NM to fld. 358/13W. NOTAM FILE OGS.
LOC/DME 110.7 I–OGS Chan 44 Rwy 27. LOM OGIVE NDB. Loc/LOM unmonitored.
COMM/NAV/WEATHER REMARKS: Acft approaching from the west and landing on Rwy 09 should monitor Brockville Arpt (CNL3) UNICOM on 123.0.

OGIVE N44°42.09′ W75°21.18′ NOTAM FILE OGS. — MONTREAL
NDB (LOMW) 358 OG 269° 4.9 NM to Ogdensburg Intl. 358/13W. — L–32G

OLCOTT–NEWFANE (D8Ø) 2 SW UTC–5(–4DT) N43°19.25′ W78°43.74′ **DETROIT**
315 NOTAM FILE BUF
RWY 09–27: 2500X60 (TURF)
RWY 09: Trees.
RWY 27: Tree.
RWY 06–24: 2408X30 (TURF)
RWY 06: Trees.
RWY 24: Trees.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. 35 ft mkd p–line in Rwy 24 and 27 apch. Rwy 09–27 rough & uneven. 2 ft ditch acrs apch end Rwy 24.
AIRPORT MANAGER: 716-778-6700
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

OLEAN

CATTARAUGUS CO–OLEAN (OLE)(KOLE) 10 N UTC–5(–4DT) N42°14.47′ W78°22.28′ **DETROIT L–30I IAP**
2135 B NOTAM FILE OLE
RWY 04–22: H4800X100 (ASPH–GRVD) S–81, D–103, 2D–168
PCN 32 F/D/X/T HIRL 0.4% up SW
RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Thld dsplcd 100′. Trees.
RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Thld dsplcd 200′. Trees.
RWY 16–34: 2117X100 (TURF) 0.9% up NW
RWY 16: Tree.
RWY 34: Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–4800 TODA–4800 ASDA–4600 LDA–4500
RWY 22: TORA–4800 TODA–4800 ASDA–4700 LDA–4500
SERVICE: FUEL 100LL, JET A+ **LGT** ACTVT REIL Rwy 04 and 22; PAPI Rwy 04 and 22; HIRL Rwy 04–22; WDI—CTAF. PAPI Rwy 22 unusable byd 5 deg left of RCL.
AIRPORT REMARKS: Attended 1300–2100Z‡. Call AMGR for svc availability on hol. Fuel avbl 24/7. Snow plowing and braking action and fld condition reports not avbl when arpt is unattended. Deer on and invof arpt. Terrain drops off on all rwy ends. Rwy 04 250′ X 250′ safety area. Rwy 22, 225′ X 110′ safety area. Rwy 16–34 has reflective edge and thld markings. Rwy 16–34 CLOSED winter months, soft in spring. Unmanned acft 1 NM radius SFC–500′.

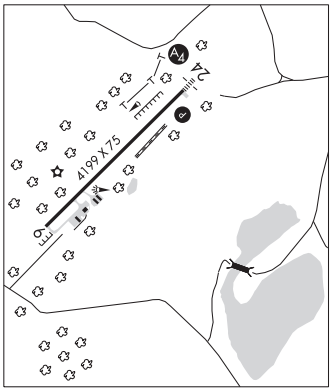


AIRPORT MANAGER: 716-557-8800
WEATHER DATA SOURCES: AWOS–3PT 118.375 (716) 557–2001.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEVLAND CENTER APP/DEP CON 124.325
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.
RADIO AIDS TO NAVIGATION: NOTAM FILE ELZ.
WELLSVILLE (DH) DME 115.85 ELZ Chan 105(Y) N42°05.38′ W77°59.97′ 299° 18.9 NM to fld. 2298.
DME unusable:
170°–195° byd 25 NM
LOC 109.3 I–OLE Rwy 22.

GIERMEK EXEC (8G3) 2 SE UTC–5(–4DT) N42°04.06′ W78°24.33′ **DETROIT**
1420 NOTAM FILE BUF
RWY 10–28: 3150X80 (TURF)
RWY 10: Brush.
RWY 28: Trees.
AIRPORT REMARKS: Attended Mon–Fri 2200–0100Z‡, Sat–Sun 1300–2100Z‡. Arpt CLOSED nights. Rwy not snow plowed. Call 716–307–8966 or 716–307–3581 for conditions. Deer and migratory birds on and invof arpt. Frequent air ambulance ops invof arpt on CTAF frequency. Rwy 10–28 width varies 80–100′.
AIRPORT MANAGER: (716) 307-3581
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.

ONEONTA

ALBERT S NADER RGNL (N66) 3 N UTC–5(–4DT) N42°31.49′ W75°03.87′ **NEW YORK**
1763 B LRA NOTAM FILE N66 **L–32G, 33A**
RWY 06–24: H4199X75 (ASPH) S–12 MIRL 0.3% up SW **IAP**
RWY 06: REIL. Tree.
RWY 24: MALS. REIL. PAPI(P2L)—GA 3.0° TCH 51′. Fence.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTVT MALS Rwy 24; REIL Rwy 06–24; PAPI Rwy 24; MIRL Rwy 06–24—CTAF. Rwy 24 REIL OTS.
AIRPORT REMARKS: Attended Mon–Fri 1400–2200Z‡. Bcn twr partially obscured by trees. Ldg fee.
AIRPORT MANAGER: (607) 431-1076
WEATHER DATA SOURCES: AWOS–3PT 119.575 (607) 643–0253.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 133.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
ROCKDALE (L) (L) VORW/DME 112.6 RKA Chan 73 N42°27.98′ W75°14.35′ 077° 8.5 NM to fld. 2032/11W.



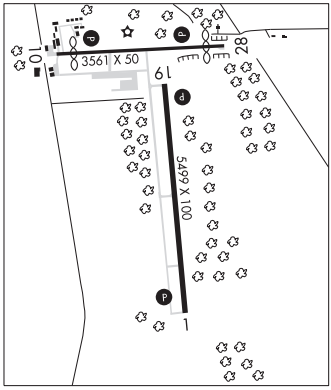
ORANGE CO (See MONTGOMERY on page 222)

OSWEGO CO (See FULTON on page 204)

OVID (D82) 2 SE UTC–5(–4DT) N42°39.29′ W76°47.78′ **NEW YORK**
1062 NOTAM FILE BUF
RWY 01R–19L: H2800X40 (ASPH)
RWY 01R: Trees.
RWY 19L: Trees.
RWY 01L–19R: 2200X60 (TURF)
RWY 01L: Trees.
RWY 19R: Trees.
SERVICE: **FUEL** MOGAS
AIRPORT REMARKS: Attended Apr–Nov dawn–dusk, Dec–Mar call arpt manager at 607–869–5601. Parachute Jumping. Arpt clsd to tran acft 1 Dec–1 Apr (annually). Emergency fuel only, ctc arpt manager (607)869–5601. Turf Rwy 19R thld begins 470′ byd paved Rwy 19L thld. Rwy 01L–19R soft and wet Mar–Jun. Use Rwy 19L for calm wind ldgs. Rwy 19L slopes uphill.
AIRPORT MANAGER: 607-869-5601
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

PAWLING N41°46.19′ W73°36.03′ NOTAM FILE ISP. **NEW YORK**
(L) (L) VORW/DME 114.3 PWL Chan 90 247° 27.7 NM to New York Stewart Intl. 1250/12W. **H–10I, L–33B, 34I**

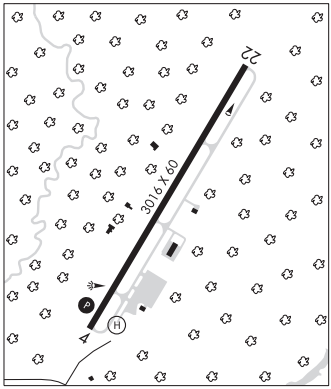
PENN YAN/YATES CO (PEO)(KPEO) 1 S UTC–5(–4DT) N42°38.23′ W77°03.17′ **DETROIT**
988 B NOTAM FILE PEO **H–11C, 12J, L–30J, 32F**
RWY 01–19: H5499X100 (ASPH–GRVD) S–82.6, D–112, 2D–195 **IAP**
PCN 33 F/C/Y/T MIRL 1.3% up S
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 28′. Fence.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 10–28: H3561X50 (ASPH) S–12.5 PCN 4 F/B/X/U LIRL
1.6% up E
RWY 10: PAPI(P2L)—GA 3.0° TCH 40′. Thld dsplcd 361′. Pole.
RWY 28: PAPI(P2R)—GA 3.5° TCH 43′. Thld dsplcd 383′. Pole.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTIVATE PAPI Rwy 01, Rwy 19, Rwy 10, Rwy 28; MIRL Rwy 01–19; LIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡, Sat 1400–2000Z‡, Sun 1400–2000Z‡. Self svc avbl 24/7. Due to topography, acft to acft gnd coms ltd. Acft cannot be seen or heard on opposite ends of Rwy 01–19. Use extrm ctn. The pavement section for Rwy 10–28 is greater than the required thickness for the fleet of acft that currently utilize the rwy. The PCN listed is the largest acft classification number for the current acft using Rwy 10–28. FBO lctd cntr fld. Lobby aces 24/7. Helicopter airframe repairs. Type I and Type IV de–ice avbl.
AIRPORT MANAGER: 315-536-4471
WEATHER DATA SOURCES: ASOS 121.175 (315) 924–0797.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **ELMIRA APP/DEP CON** 124.3 (1100–0500Z‡)
CLEVELAND CENTER APP/DEP CON 127.475 (0500–1100Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc elmyra Apch at 607-739-1971, when Apch clsd ctc Cleveland ARTCC at 440-774-0231.
RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.
ITHACA (L) DME 111.8 ITH Chan 55 N42°29.70′ W76°27.58′ 288° 27.6 NM to fld. 1112.
DME unusable:
360°–160° byd 20 NM blo 6,500′



PERRY–WARSAW (Ø1G) 3 NW UTC–5(–4DT) N42°44.48′ W78°03.13′ **DETROIT**
1558 B NOTAM FILE BUF **L–30I, 31E, 32F**
RWY 10–28: H3429X60 (ASPH) MIRL
RWY 10: REIL. Tree.
RWY 28: REIL. Thld dsplcd 639′. Trees.
RWY 04–22: 1806X60 (TURF) 0.5% up NE
RWY 04: Fence.
RWY 22: Fence.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REIL Rwy 10 and 28; MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended Mon–Fri irregularly. 100LL fuel 24 hrs self svc. Parachute jumping. Rwy 28 first 700 ft slps uphill. First 1700 ft of Rwy 10 slps uphill. Rwy 28 has 8 ft dropoff both sides, 200 ft dstc. Rwy 04 safety area drops off 100 ft bfr rwy beg, 125 ft l/r of cntrln. Turf Rwy 04–22 may be unusbl Oct–May. Rwy 04–22 uneven. Rwy/twy & rwy/rwy crossing rough. Rwy soft and wet Mar–Jun. Call for ficons.
AIRPORT MANAGER: 585-237-9938
WEATHER DATA SOURCES: AWOS–2 118.525 (585) 237–0235.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESEO (L) (L) VORW/DME 108.2 GEE Chan 19 N42°50.06′ W77°43.97′ 258° 15.2 NM to fld. 990/9W.
VOR portion unusable:
208°–224° byd 29 NM blo 5,000′
225°–230°
231°–245° byd 29 NM blo 5,000′
DME unusable:
115°–120° byd 29 NM blo 4,000′
140°–155° byd 30 NM blo 5,000′

PINE HILL (See ALBION on page 188)

PISECO (KØ9) 1 N UTC–5(–4DT) N43°27.20′ W74°30.90′ NEW YORK
1703 NOTAM FILE BUF L–32G
RWY 04–22: H3016X60 (ASPH) S–8 MIRL 0.3% up NE IAP
RWY 04: REIL. PAPI(P2L)—GA 3.8° TCH 52′. Trees. Rgt tfc.
RWY 22: REIL. Trees.
SERVICE: **FUEL** 100LL **LGT** ACTVT REIL Rwy 04 and 22; PAPI Rwy 04; MIRL Rwy 04–22; helipad perimeter lgts—CTAF. Rwy 04 PAPI unusbl byd 9 degs right of cntrln. Rwy lgts (electric eye over–ride).
AIRPORT REMARKS: Attended May–Oct, Sat–Sun 1400–2200Z‡. Airport unattended Nov–Apr. Seagulls–deer–bears occasionally vcty rwy during summer months. Expect turbulence and downdrafts during periods of strong crosswinds. Area not maintained for ski equipped acft. Rwy 04–22 may be unusable due to snow accumulation Nov–Apr. Check NOTAMS or call 518–548–3415 for afld conditions. Acft departing Rwy 22 are requested to maintain rwy heading until past island checkpoint, prior to making left turn. Acft arriving maintain rgt downwind heading until past island checkpoint.
AIRPORT MANAGER: 518-548-3415
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 135.25
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
UTICA (L) TACAN Chan 49 UCA (111.2) N43°01.59′ W75°09.87′ 060° 38.3 NM to fld. 1420/12W.



HELIPAD H1: H40X40 (ASPH) PERIMETER LGTS
HELIPAD H1: RLLS.
HELIPORT REMARKS: Helipad H1 perimeter lgts

PLATEAU SKY RANCH (See EDINBURG on page 198)

PLATTSBURGH INTL (PBG)(KPBG) 3 S UTC–5(–4DT) N44°39.06′ W73°28.09′ MONTREAL
234 B ARFF Index—See Remarks NOTAM FILE PBG H–11C, 12K, L–32G
RWY 17–35: H11759X200 (ASPH–GRVD) S–119, D–174, 2S–175, 2D–510, 2D/2D2–780 IAP, AD
PCR 548 F/C/W/T HIRL
RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree. Rgt tfc. 0.8% down.
RWY 35: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. Tree. 0.5% up.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 17: TORA–11759 TODA–11759 ASDA–11759 LDA–11759
RWY 35: TORA–11759 TODA–11759 ASDA–11759 LDA–11759
SERVICE: S1 **FUEL** 100LL, JET A **OX** 3 **LGT** ACTIVATE MALSR Rwy 35 REIL Rwy 17, HIRL Rwy 17–35 and twy lgts—CTAF.
AIRPORT REMARKS: Attended 1030–0230Z‡. Deer and birds on and invof arpt. Skydiving opns southeast of arpt, invof FBO. All surfaces work in progress, grass cutting May thru Nov. During periods of snow removal ops Nov 1–May 1 acft ctc 122.7 or 518–335–3279 15 min prior to ldg. Class I, ARFF Index B. PPR 24 hrs for unsked ACR opns with more than 30 psgr seats. Index E coverage is avbl upon req. 24 hrs prior notice rqrd. Call amgr at 518–565–4008 or 518–335–3735. PPR and ARFF Index E call 518–335–3735. Acft depg Rwy 35 fly rwy hdg to dep end, otfc avoid trml and trml apn. Expect downdrafts and turbulence during periods of strong cross winds. Acft arriving or departing PBG must announce intentions on CTAF. Hel trng prohibited W of Rwy 17–35, 1500′ radius. User fee arpt. Ldg fees for acft over 12,500 lbs max gross ldg weight; no ldg fee for government acft. US Cust avbl Mon–Fri, 1300–2100Z‡. PPR 24 hours for aft hours; ctc CBP Supvr @ 518–324–5617.
AIRPORT MANAGER: 518-565-4794
WEATHER DATA SOURCES: ASOS 132.225 (518) 957–5905.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **BURLINGTON APP/DEP CON** 121.1 (1030–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 120.35 (0500–1030Z‡)
CLNC DEL 121.85
CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.

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RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44°23.83′ W73°10.96′ 336° 19.5 NM to fld. 417/15W.

VOR unusable:
030°–086° byd 40 NM
075°–132° byd 30 NM blo 9,000′
087°–097° byd 40 NM blo 9,000′
087°–097° byd 49 NM
098°–169° byd 40 NM
133°–165° byd 30 NM blo 8,000′
170°–180° byd 40 NM blo 5,800′
170°–180° byd 47 NM
181°–196° byd 40 NM
244°–292° byd 40 NM
340°–350° byd 40 NM blo 6,000′
351°–010° byd 40 NM

DME unusable:
075°–132° byd 30 NM blo 9,000′
133°–165° byd 30 NM blo 8,000′

ILS/DME 109.7 I–FQV Chan 34 Rwy 35. Class IE.

PLAZZ N42°52.43′ W78°48.99′ NOTAM FILE GBD. **DETROIT**
NDB (LOMW) 204 GB 052° 5.5 NM to Buffalo Niagara Intl. 593/9W. **L–31E**

POTSDAM MUNI/DAMON FLD (PTD)(KPTD) 2 E UTC–5(–4DT) N44°40.60′ W74°56.91′ **MONTREAL**
474 B TPA—1274(800) NOTAM FILE PTD **L–32G**
RWY 06–24: H3704X75 (ASPH) S–30 MIRL **IAP**
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 42′. Tree.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 41′. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 06 and 24; PAPI Rwys 06 and 24; MIRL Rwy 06–24; twy lgts—CTAF.

NOISE: Noise abatement procs in effect–left turn when able departing Rwy 24.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Expect flt training ops invof arpt. Fuel 24 hr self–serve. Rwy condition not monitored, recommend visual inspection prior to use.

AIRPORT MANAGER: 315-268-1000

WEATHER DATA SOURCES: AWOS–3P 118.325 (315) 265–6106.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 135.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

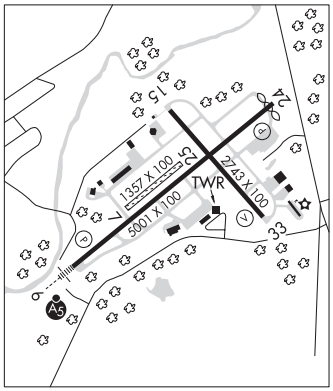
MASSENA (H) TACAN Chan 88 MSS (114.1) N44°54.87′ W74°43.36′ 228° 17.2 NM to fld. 198/14W.

NDB (MHW) 400 PTD N44°43.40′ W74°52.96′ 239° 4.0 NM to fld. 360/14W. NOTAM FILE PTD.

NDB unusable:
Byd 20 NM

POUGHKEEPSIE

HUDSON VALLEY RGNL (POU)(KPOU) 4 S UTC–5(–4DT) N41°37.60´ W73°53.05´ **NEW YORK**
164 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE POU **H–10I, 12J, L–33B, 34I**
RWY 06–24: H5001X100 (ASPH–GRVD) PCR 396 F/C/X/T HIRL **IAP, AD**
RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 57´. Tree.
RWY 24: REIL. PAPI(P4L)—GA 3.42° TCH 57´. Thld dsplcd 115´. Tree.
RWY 15–33: H2743X100 (ASPH–CONC) S–35, D–45, 2D–80
PCN PCN/26/F/D/W/T MIRL 0.3% up SE No Part 121/Part 380 Ops
RWY 15: Trees.
RWY 33: REIL. VASI(V4L)—GA 3.75° TCH 64´. Trees.
RWY 07–25: 1357X100 (TURF)
RWY 25: Antenna.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–5001 TODA–5001 ASDA–5001 LDA–5001
RWY 15: TORA–2743 TODA–2743 ASDA–2743 LDA–2743
RWY 24: TORA–5001 TODA–5001 ASDA–5001 LDA–4886
RWY 33: TORA–2743 TODA–2743 ASDA–2743 LDA–2743
SERVICE: S4 **FUEL** 100LL, JET A **LGT** When twr clsd ACTVT MALSR Rwy 06, REIL Rwy 24, HIRL Rwy 06–24—CTAF. Rwy 33 use of VASI rstd to category A acft only.
NOISE: Noise abatement procedures in effect, ctc amgr for details. Repetitive opns prohibited when twr clsd.



AIRPORT REMARKS: Attended 1200–0230Z‡. Deer and birds on and invof arpt. Rwy 07–25 CLOSED ngts, during IMC and fm Nov 1–Apr 15. Ctc FBO durg bus hrs at 845–849–3770 for after hrs fuel svc. TPA—small acft 1197(1034), large acft 1997(1834). Rwy 07–25 rstd to acft less than 12,500 lbs. Class IV, ARFF Index A. PPR 24 hrs for ACR ops with more than 30 pax seats, call amgr 845–463–6000. Index B coverage is prvdd. Twy C, Twy G t–hngr txl, and Twy J t–hngr txl clsd to air carrier acft. Ground soft in tie down areas. Rwy 06 TGL and practice apchs prohibited due to obscd line of sight fm atct. Ldg fee for multi–engine acft.
AIRPORT MANAGER: 845-463-6000
WEATHER DATA SOURCES: ASOS 126.75 (845) 836–6748. LAWRS.
COMMUNICATIONS: CTAF 124.0 **ATIS** 126.75 **UNICOM** 122.95
POUGHKEEPSIE RCO 122.2 (NEW YORK RADIO)
Ⓡ **NEW YORK APP/DEP CON** 132.75
TOWER 124.0 (1200–0300Z‡ 15 May–14 Sept, 1200–0200Z‡ 15 Sept–14 May) **GND CON** 121.8 **CLNC DEL** 121.8
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch at 516-683-2448 or 121.8.
AIRSPACE: CLASS D svc 1200–0300Z‡ 15 May–14 Sep, 1200–0200Z‡ 15 Sep–14 May; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (VL) (L) VORW/DME 117.6 IGN Chan 123 N41°39.93´ W73°49.33´ 242° 3.6 NM to fld. 581/12W.
VOR unusable:
008°–018° byd 40 NM blo 4,000´
008°–018° byd 70 NM
020°–123° byd 40 NM
045°–050° byd 35 NM blo 4,300´
070°–140° byd 30 NM blo 3,400´
082°–092° byd 20 NM blo 4,000´
082°–092° byd 35 NM blo 5,500´
130°–148° byd 40 NM
203°–216° byd 30NM
243°–253° byd 40 NM
275°–310° byd 40 NM
311°–321° byd 40 NM blo 6,000´
311°–321° byd 64 NM
322°–001° byd 40 NM
ILS 111.3 I–POU Rwy 06. Class IA. Unmonitored when ATCT clsd.

POUGHKEEPSIE N41°37.60´ W73°53.02´ **NEW YORK**
RCO 122.2 (NEW YORK RADIO) **L–33B, 34I**

PRATT'S EASTERN DIVIDE (See SHERMAN on page 245)

RANDALL (See MIDDLETOWN on page 219)

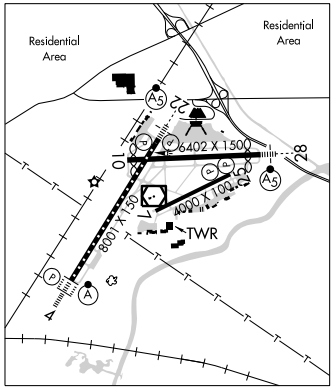
RENSSELAER CO (See TROY on page 250)

REPUBLIC (See FARMINGDALE on page 201)

ROCHESTER

FREDERICK DOUGLASS/GREATER ROCHESTER INTL (ROC)(KROC) P (ARNG) 3 SW — **DETROIT**
UTC–5(–4DT) N43°07.15′ W77°40.31′ — **H–10H, 11C, 12J, L–31E, 32F**
559 B TPA—See Remarks AOE Class I, ARFF Index C NOTAM FILE ROC — **IAP, AD**

RWY 04–22: H8001X150 (ASPH–GRVD) S–126, D–160, 2D–265
PCR 740 R/B/W/T HIRL CL
RWY 04: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 72′. RVR–TR Trees. 0.3% up.
RWY 22: MALSR. PAPI(P4L)—GA 3.0° TCH 67′. RVR–TR Tree. Rgt tfc. 0.5% down.
RWY 10–28: H6402X150 (ASPH–GRVD) S–126, D–160, 2D–265
PCR 1190 F/C/X/T HIRL
RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 53′. RVR–TR Thld dsplcd 298′. Trees. Rgt tfc.
RWY 28: MALSR. PAPI(P4L)—GA 3.0° TCH 57′. RVR–TR Thld dsplcd 600′. Trees.
RWY 07–25: H4000X100 (ASPH) S–32, D–42 PCN 95 F/C/X/T
MIRL No Part 121/Part 380 Ops
RWY 07: REIL. Pole. Rgt tfc.
RWY 25: REIL. PAPI(P4R)—GA 3.0° TCH 40′. Tree.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–8001 TODA–8001 ASDA–8001 LDA–8001
RWY 07: TORA–4000 TODA–4000 ASDA–4000 LDA–4000
RWY 10: TORA–6402 TODA–6402 ASDA–5802 LDA–5502
RWY 22: TORA–8001 TODA–8001 ASDA–8001 LDA–8001
RWY 25: TORA–4000 TODA–4000 ASDA–4000 LDA–4000
RWY 28: TORA–6402 TODA–6402 ASDA–6402 LDA–5802

ARRESTING GEAR/SYSTEM
RWY 28: EMAS

SERVICE: S4 **FUEL** 100LL, JET A, J8 **OX** 1, 2, 3, 4 **LGT** REIL Rwy 07, REIL Rwy 10 and Rwy 25 REIL controlled by twr but not monitored. PAPI Rwy 22, PAPI Rwy 10, Rwy 25 and Rwy 28 operate 24 hrs. **MILITARY— A–GEAR** Rwy 28 EMAS 368′ x 160′. **FUEL** J8(Mil) (NC–100LL, A)

AIRPORT REMARKS: Attended continuously. J8 avbl for DoD acft. Birds, deer and coyote on and invof arpt. Be alert during ldg/tkf Rwy 25 and Rwy 28 thlds in close proximity to each other. No practice apchs or maintenance engine run–ups between 0400–1100Z‡. +80′ obstruction lgtd twr 1250′ west of Rwy 04–22 centerline 1000′ south of extdd centerline Rwy 10–28. Multiple unshielded lgts in final apch area Rwy 28. Terminal ramp is uncontrolled. Do not call for push/power back. Advise ground control when ready to taxi for departure. Twy F from Twy F1 to Rwy 07 clsd to acft with wingspan greater than 100′. TPA—1400(841) single engine, 2000(1441) multi–engine/turbojet/jet. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Arrival Alert.

AIRPORT MANAGER: 585-753-7056

WEATHER DATA SOURCES: ASOS 124.825 (585) 205–7835. WSP.

COMMUNICATIONS: ATIS 124.825 **UNICOM** 122.95

Ⓡ **APP/DEP CON** 119.55 (330°–160°) 123.7 (161°–329°)

TOWER 118.3 **GND CON** 121.7 **CLNC DEL** 118.8 **PRE TAXI CLNC** 118.8

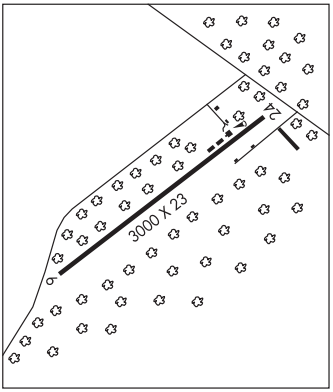
AIRSPACE: CLASS C svc ctc **APP CON**.

RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.
ROCHESTER (L) (L) VORW/DME 110.0 ROC Chan 37 N43°07.08′ W77°40.37′ at fld. 545/12W.
ILS 110.7 I–MCU Rwy 04. Class IIE.
ILS 110.7 I–MWD Rwy 22. Class IT.
ILS/DME 109.5 I–ROC Chan 32 Rwy 28. Class IC.

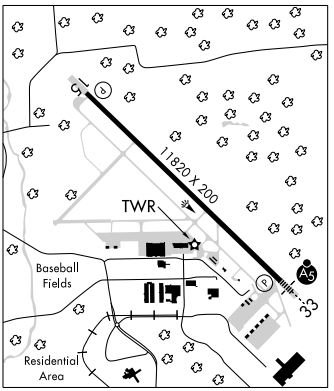
ROCKDALE N42°27.98′ W75°14.35′ NOTAM FILE BUF. — **NEW YORK**
(L) (L) VORW/DME 112.6 RKA Chan 73 077° 8.5 NM to Albert S Nader Rgnl. 2032/11W. — **H–10I, 11C, 12J, L–32F, 33A**

ROME

BECKS GROVE (K16) 8 NW UTC–5(–4DT) N43°15.05′ W75°36.26′ **NEW YORK**
450 NOTAM FILE BUF **L–32F**
RWY 06–24: H3000X23 (ASPH) S–12 RWY LGTS(NSTD)
RWY 06: Trees.
RWY 24: Road.
SERVICE: **LGT** Rwy edge lights ACTIVATE upon request.
AIRPORT REMARKS: Attended Mon–Fri dalgt hrs. Large birds (turkeys) and deer on and invof Rwy 06–24. Rwy edge lights are not centered on pavement on approach to Rwy 06. Note that bldg, bushes are 45–55′ north of centerline at 495′ from Rwy 24 thld.
AIRPORT MANAGER: 315-271-6726
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.



GRIFFISS INTL (RME)(KRME) 1 NE UTC–5(–4DT) N43°14.03′ W75°24.42′ **NEW YORK**
504 B ARFF Index—See Remarks NOTAM FILE RME **H–11C, 12K, L–32F**
RWY 15–33: H11820X200 (ASPH–GRVD) S–120, D–250, 2D–550, 2D/2D2–1120 PCR 2050 F/A/X/T HIRL **IAP, AD**
RWY 15: PAPI(P4L)—GA 3.0° TCH 55′. 0.3% down..
RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 56′. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–11820 TODA–11820 ASDA–11820 LDA–11820
RWY 33: TORA–11820 TODA–11820 ASDA–11820 LDA–11820
SERVICE: S4 **FUEL** 100LL, JET A **LGT** When twr clsd ACTIVATE MALSR Rwy 33, HIRL Rwy 15–33, and twy lgts —CTAF.
AIRPORT REMARKS: Attended 1200–0400Z‡. Migratory bird alert Aug–Nov and Apr–May. Class IV, ARFF Index A. ARFF not prvdd from 0400–1200Z‡ w/o PPR. PPR 24 hrs for ACR ops with more than 9 pax seats outside of atndnc sked hrs call amgr 315–790–3072 or 315–272–5881. PPR 24 hrs for ACR ops with more than 30 pax seats call arpt manager 315–790–3072 or 315–272–5881. Index B is provided. Index C avbl upon request 315–790–3072 or 315–272–5881. Rwy 15 and Rwy 33 military assault lndg zone and PIR mrkgs. Rwy 33 designated calm wind rwy. Portions of apron not visible from twr. CTN: rapid hot rflng on Apn 3.
AIRPORT MANAGER: 315-736-4171
WEATHER DATA SOURCES: ASOS (315) 325–0039
COMMUNICATIONS: CTAF 118.1 **ATIS** 118.7 **UNICOM** 122.95
Ⓡ**SYRACUSE APP/DEP CON** 127.425
TOWER 118.1 (1200–0200Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Syracuse Apch at 315-455-6218.
AIRSPACE: CLASS D svc 1200–0200Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
UTICA (L) TACAN Chan 49 UCA (111.2) N43°01.59′ W75°09.87′ 331° 16.4 NM to fld. 1420/12W.
ILS/DME 110.1 I–RME Chan 38 Rwy 33. Class IT. LOC unusable byd 6.0 NM fm thld abv 4,200′. LOC unusable within thld abv 1,500′. Unmonitored when twr clsd.

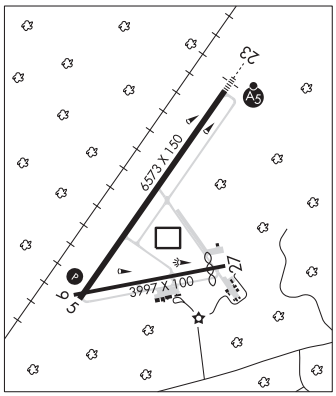


ROUND LAKE (W57) 2 E UTC–5(–4DT) N42°55.87′ W73°46.25′ **NEW YORK**
178 NOTAM FILE BTV
RWY 14–32: 1927X76 (TURF) 1.0% up SE
RWY 14: Tree.
RWY 32: Trees.
AIRPORT REMARKS: Attended on call. Deer on and invof arpt. Arpt clsd to itinerant acft Nov–May. Rwy 14–32 has 80′ trees rgt and left of centerline in primary sfc. Rwy 14–32 soft during spring (Mar–Jun). Military helicopters and ultralight acft use rwy. Access to arpt from lake overgrown. Ctc arpt mgr prior to seaplane arrival.
AIRPORT MANAGER: 518-899-6316
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.
WATERWAY 14W–32W: 4000X600 (WATER)

ROYALTON (See GASPORT on page 205)

SARANAC LAKE

ADIRONDACK RGNL (SLK)(KSLK) 4 NW UTC–5(–4DT) N44°23.12′ W74°12.37′ **MONTREAL**
1663 B LRA ARFF Index—See Remarks NOTAM FILE SLK **H–11C, 12K, L–32G**
RWY 05–23: H6573X150 (ASPH–GRVD) S–40, D–73, 2S–92, 2D–115 **IAP, AD**
PCR 363 F/B/X/T HIRL 0.3% up NE
RWY 05: PAPI(P4L)—GA 3.0° TCH 35′. Trees.
RWY 23: MALSR. Trees.
RWY 09–27: H3997X100 (ASPH) S–40, D–73, 2S–92, 2D–115
PCR 349 F/A/X/T MIRL
RWY 09: Trees.
RWY 27: Thld dsplcd 400′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–6573 TODA–6573 ASDA–6573 LDA–6573
RWY 09: TORA–3997 TODA–3997 ASDA–3997 LDA–3997
RWY 23: TORA–6573 TODA–6573 ASDA–6333 LDA–6333
RWY 27: TORA–3997 TODA–3997 ASDA–3997 LDA–3597



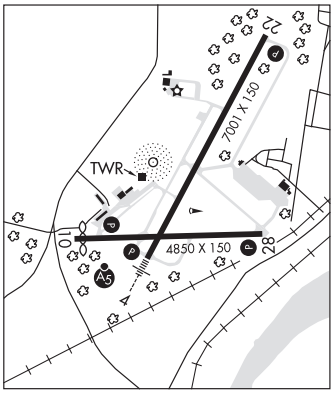
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 23, HIRL Rwy 05–23, MIRL Rwy 09–27 and twy lgts—CTAF. PAPI Rwy 05 oprconsly.
AIRPORT REMARKS: Attended May–Oct 1100–0200Z‡. Nov–Apr 1100–0100Z‡. For arpt attendant after hrs call 518–637–7329. Rwy/twy/apron conds not mnt outside of nml atnd hrs. All sfcs work in prog; grass cutting Apr thru Oct. Class IV, ARFF Index A. PPR 48 hr for unscheduled acft ops with more than 30 passenger seats call arpt manager 518–891–4600 ext 106. Index B coverage is avbl. Twy B unavbl to acft with wingspan 79′ and abv. Abv ground twy edge lgts adjacent to Twy B tie down apron area. Rwy 09 nstd markings, thld markings 400′ from rwy end. Cold temperature airport. Altitude correction required at or below –32C. Ldg fee.
AIRPORT MANAGER: 518-891-4600
WEATHER DATA SOURCES: ASOS 124.175 (518) 897–7532.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BOSTON CENTER APP/DEP CON** 120.35
CLEARANCE DELIVERY PHONE: For CD if una to ctc on freq, ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE SLK.
SARANAC LAKE (DH) DME 114.85 SLK Chan 95(Y) N44°23.07′ W74°12.27′ at fld. 1647.
DME unusable:
102°–107° byd 31 NM blo 11,500′
108°–111° byd 31 NM
112°–129° byd 31 NM blo 10,500′
310°–315° byd 36 NM blo 9,300′
Blw 8,600′
ILS 108.9 I–SLK Rwy 23. Class IA.

SARATOGA CO (See SARATOGA SPRINGS on page 242)

SARATOGA SPRINGS

SARATOGA CO (5B2) 3 SW UTC–5(–4DT) N43°03.04′ W73°51.70′ **NEW YORK**
434 B TPA—1201(767) LRA NOTAM FILE 5B2 **L–32G**
RWY 05–23: H4699X100 (ASPH–CONC–GRVD) S–116, D–192 PCN 46 F/A/X/T MIRL **IAP, AD**
RWY 05: REIL. Trees.
RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 43′. Trees.
RWY 14–32: H4000X100 (ASPH–CONC) S–83, D–126 PCN 30 F/A/X/T MIRL
RWY 14: Trees.
RWY 32: Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTVT REIL Rwy 05–23; MIRL Rwy 05–23–CTAF. Rwy 14–32 rwy lgts OTS.
AIRPORT REMARKS: Attended 1230Z‡–dusk. Albany ANG helicopters do touch and go ldg ops usually during dalgt hrs. Glider activity on weekends and occasionally weekdays with extensive pre–launch and after ldg ground ops on shoulders of rwy in use. Year round federally and state protected habitat for Karner Blue Butterfly, unauthorized off–pavement ops prohibited. VASI clearance plane obstruction exists on Rwy 32 due to tree height.
AIRPORT MANAGER: 518-885-5470
WEATHER DATA SOURCES: AWOS–3 132.025 (518) 884–9289.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **ALBANY APP/DEP CON** 118.05
GCO 118.125 (ALBANY CLNC DEL)
CLEARANCE DELIVERY PHONE: For CD if GCO una ctc Albany Apch at 518-862-2299.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CAMBRIDGE (VL) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66′ W73°20.64′ 293° 23.0 NM to fld. 1490/14W.
DME unusable:
040°–130° blo 9,000′
VOR unusable:
011°–021° byd 42 NM
022°–127° byd 40 NM
128°–144°
145°–160° byd 40 NM
161°–182°
183°–194° byd 40 NM
195°–205°
320°–010° byd 40 NM

SCHENECTADY CO (SCH)(KSCH) P (ANG) 3 N UTC–5(–4DT) N42°51.16′ W73°55.77′ **NEW YORK**
378 B LRA NOTAM FILE SCH **H–11C, 12K, L–32G**
RWY 04–22: H7001X150 (ASPH–GRVD) S–95, D–175, 2D–348, 2D/2D2–850 PCN 62 R/B/W/T HIRL 0.9% up NE **IAP, AD**
RWY 04: MALSR. PAPI(P4L)—GA 3.0° TCH 51′. Trees.
RWY 22: PAPI(P4L)—GA 3.0° TCH 50′. Ground.
RWY 10–28: H4850X150 (ASPH–GRVD) S–55, D–134, 2S–170, 2D–218, 2D/D1–430, 2D/2D2–541, C5–559 PCN/48/F/B/Y/T MIRL
RWY 10: PAPI(P2L)—GA 4.0° TCH 50′. Thld dsplcd 200′. Pole.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 50′. Trees.
SERVICE: S6 **FUEL** 100LL, JET A **OX** 2 **LGT** When twr clsd, ACTVT MALSR Rwy 04; PAPI Rwy 04, 10, 22 and 28; HIRL Rwy 04–22; MIRL Rwy 10–28—CTAF. **MILITARY— JASU** (A/M32A–86) (MA–1A) (AM32–95) **FUEL** A++(Mil) (NC–100LL, A) **FLUID** SP(Mil) LOX(Mil) **OIL** O–148–156(Mil).
NOISE: Noise abatement procedure in effect for large acft remaining in pattern ctc airfield manager for details.
AIRPORT REMARKS: Attended 1230–0330Z‡. Birds on and invof arpt. No ultra–light opr in Class D airspace without apvl from ATCT. Military C–130 pattern opr conducted daily. 60′ dropoff 150′ from Rwy 28 end. No fld or braking action reports avbl between 0330Z‡ and 1230Z‡ daily. Ldg fee for itinerant multi–engine acft requesting twr svc 0330–1200Z‡. Flight Notification Service (ADCUS) avbl.
MILITARY REMARKS: ANG: PPR 72 hr PN rqr AMOPS dur duty hr DSN 344–2621, C518–344–2621; OT comd post DSN 344–2420, C518–344–2420.



CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: (518) 399-0111
WEATHER DATA SOURCES: AWOS–3 119.275 (518) 399–6586.
COMMUNICATIONS: CTAF 121.3 **UNICOM** 122.95
Ⓡ **ALBANY APP/DEP CON** 132.825
TOWER 121.3 (1230–0330Z‡ Mon–Fri; 1230–0200Z‡ wknds and hols; clsd Thanksgiving & Christmas; otr times by NOTAM)
GND CON 121.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.
AIRSPACE: CLASS D svc 1230–0330Z‡ Mon–Fri; 1230–0200Z‡ wknds and hols; clsd Thanksgiving & Christmas; otr times by NOTAM; other times CLASS G..
RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.
ALBANY (L) (L) VORTACW 115.3 ALB Chan 100 N42°44.84′ W73°48.19′ 332° 8.4 NM to fld. 273/13W.
VOR unusable:
045°–065° byd 11 NM
066°–069° byd 11 NM blo 10,000′
078°–088° byd 20 NM blo 10,000′
109°–121°
121°–131° byd 30 NM
121°–131° wi 30 NM blo 9,900′
131°–168°
184°–189°
226°–269° byd 29 NM blo 15,000′
312°–315°
333°–343°
TACAN AZIMUTH unusable:
032°–042° byd 15 NM
164°–168°
303°–308° byd 37 NM
308°–333°
DME unusable:
303°–308° byd 37 NM
HUNTER NDB (MHW) 356 HEU N42°51.25′ W73°56.01′ at fld. 332/14W. NOTAM FILE SCH.
ILS 109.7 I–SCH Rwy 04. Class IB. Unmonitored when ATCT clsd.
COMM/NAV/WEATHER REMARKS: UNICOM use 122.95 for svc from FBO.

SCHROON LAKE (4B7) 2 N UTC–5(–4DT) N43°51.75′ W73°44.43′ 834 NOTAM FILE BTV

NEW YORK
L–32G

RWY 16–34: H3000X60 (ASPH) S–13
RWY 16: Thld dsplcd 100′. Road.
RWY 34: Trees.
AIRPORT REMARKS: Attended dalgt hrs. Debris from adjacent land fill is occasionally blown onto and across rwy. 25 ft dropoff 30 ft fm pavement AER 34. Recommend ldg Rwy 16, tkf Rwy 34.
AIRPORT MANAGER: 518-532-7737
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44°23.83′ W73°10.96′ 232° 40.1 NM to fld. 417/15W.
VOR unusable:
030°–086° byd 40 NM
075°–132° byd 30 NM blo 9,000′
087°–097° byd 40 NM blo 9,000′
087°–097° byd 49 NM
098°–169° byd 40 NM
133°–165° byd 30 NM blo 8,000′
170°–180° byd 40 NM blo 5,800′
170°–180° byd 47 NM
181°–196° byd 40 NM
244°–292° byd 40 NM
340°–350° byd 40 NM blo 6,000′
351°–010° byd 40 NM
DME unusable:
075°–132° byd 30 NM blo 9,000′
133°–165° byd 30 NM blo 8,000′

SCHUYLERVILLE

GARNSEYS (BØ4) 1 S UTC–5(–4DT) N43°04.06′ W73°35.03′ **NEW YORK**
100 NOTAM FILE BTV
RWY 02–20: 2500X90 (TURF)
RWY 02: Road.
RWY 20: Road.
AIRPORT REMARKS: Attended May–Sep dalgt hours. Arpt open dalgt hours only. Numerous buildings in apch to Rwy 20. Tiedowns located immediately north of driveway adjacent to Rwy 20 end.
AIRPORT MANAGER: 518-469-9472
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

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WATERWAY 02W–20W: 9999X750 (WATER)

SENECA FALLS

FINGER LAKES RGNL (ØG7) 2 SE UTC–5(–4DT) N42°53.01′ W76°46.87′ **NEW YORK**
492 B NOTAM FILE BUF **L–32F**
RWY 01–19: H4592X75 (ASPH) S–12.5, D–30 MIRL **IAP**
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Thld dsplcd 392′. Trees.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Crops.
RWY 11–29: 1850X60 (TURF) 1.3% up W
RWY 11: Trees.
RWY 29: Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–4592 TODA–4592 ASDA–4592 LDA–4199
RWY 19: TORA–4592 TODA–4592 ASDA–4592 LDA–4292
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 01 and Rwy 19; MIRL Rwy 01–19—CTAF.
AIRPORT REMARKS: Attended 1300–2100Z‡. Medivac heliport flight svc on arpt, monitor CTAF for ops. Ldg fee. Ldg fee for jets and turbo props.
AIRPORT MANAGER: 315-539-1640
WEATHER DATA SOURCES: AWOS–3 120.0 (315) 568–5362.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ELMIRA APP CON** 124.3 (SW–SE) (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP CON** 133.35 (SW–SE) (0500–1100Z‡)
Ⓡ **ROCHESTER APP CON** 119.55 (W–NW)
Ⓡ **SYRACUSE APP/DEP CON** 126.125
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.
RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.
ITHACA (L) DME 111.8 ITH Chan 55 N42°29.70′ W76°27.58′ 329° 27.3 NM to fld. 1112.
DME unusable:
360°–160° byd 20 NM blo 6,500′



SHARON (K31) 2 SE UTC–5(–4DT) N42°46.70′ W74°34.66′ **NEW YORK**
1508 NOTAM FILE BUF
RWY 13–31: 2570X120 (TURF)
RWY 13: Thld dsplcd 200′. Trees.
RWY 31: Trees.
AIRPORT REMARKS: Attended irregularly. P–line parallel on SW side of rwy 285 ft from rwy edge. Rwy shortened by 200′ on the west end due to turf holes/crevasses. Trees encroaching NE side of rwy.
AIRPORT MANAGER: 518-284-2081
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

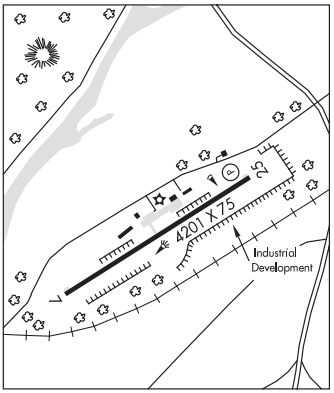
SHERMAN

PRATT'S EASTERN DIVIDE (D88) 4 W UTC–5(–4DT) N42°09.00´ W79°41.15´ **DETROIT**
1640 NOTAM FILE BUF
RWY 08–26: 2600X75 (TURF)
RWY 08: Trees.
RWY 26: Trees.
AIRPORT REMARKS: Attended irregularly. Deer on and invof rwy. Ultralgts on and invof arpt. Rwy soft Jan–Apr. Call for FICON.
AIRPORT MANAGER: 814-725-5923
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

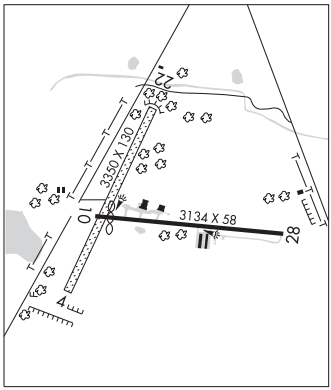
SHIRLEY

BROOKHAVEN (HWV)(KHWV) 1 N UTC–5(–4DT) N40°49.32´ W72°52.01´ **NEW YORK COPTER L–33B, 34I IAP, AD**
81 B NOTAM FILE HWV
RWY 15–33: H4222X150 (ASPH–CONC) S–52, D–70, 2S–89, 2D–120 MIRL
RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 47´. Trees.
RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 46´. Trees.
RWY 06–24: H4201X100 (ASPH) S–32, D–56, 2D–93 MIRL 0.3% up NE
RWY 06: MALSR. VASI(V4L)—GA 3.0° TCH 47´. Trees.
RWY 24: REIL. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** All twy lgts opr. ACTVT MALSR Rwy 06; REIL Rwys 24, 15 and 33; PAPI Rwys 15 and 33; MIRL Rwys 06–24 and 15–33—CTAF.
AIRPORT REMARKS: Attended 1200–0000Z‡. Parachute Jumping. Deer all areas of arpt especially at ngt. Extensive parachute jumping activity invof arpt. Upper air balloons launched 3 miles north of arpt 1100Z‡ and 2300Z‡. Glider ops dalgt hrs. Pilots be aware when conducting practice ILS apchs, extensive lgt acft training on and invof arpt all hrs. Gliders use rgt tfc pat for Rwy 24 and Rwy 33, gliders use left tfc pat for Rwy 06 and Rwy 15. TGL on hol, wkends and non–dalgt hrs not rcmdd. Relocated thld is Taxiway Z1. Overnight ramp parking $5.00. Landing fees vary. See arpt website for more info.
AIRPORT MANAGER: 631-451-6299
WEATHER DATA SOURCES: ASOS 119.625 (631) 399–7095.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 120.05
CLNC DEL 133.2
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449 or 133.2
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
CALVERTON (L) (DH) VORW/DME 114.55 CCC Chan 92(Y) N40°55.78´ W72°47.93´ 219° 7.2 NM to fld. 85/13W.
VOR unusable:
055°–075°
233°–268° byd 25 NM
269°–290°
DME unusable:
056°–066° byd 39 NM
ILS 108.95 I–HWV Rwy 06. Class I/A. Glideslope unmonitored. Autopilot cpd apch NA blw 490´.

SIDNEY MUNI (N23) 1 W UTC–5(–4DT) N42°18.16′ W75°24.96′ **NEW YORK**
1027 B LRA NOTAM FILE BUF **L–30K, 32F, 33A**
RWY 07–25: H4201X75 (ASPH) S–25, D–45 MIRL **IAP**
RWY 07: REIL. Tree.
RWY 25: REIL. PAPI(P2R)—GA 3.66° TCH 48′. Tree. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTIVATE MIRL Rwy 07–25 and REIL Rwys 07 and 25—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. For attendant other times call 607–561–2346. Numerous hills surround arpt up to 800′ abv arpt elevation. High tension lines 1 NM from AER 07. Two ft high cement fixtures in prim sfc in ditches 130 ft W of rwy. Fence 7 ft abv rwy end 325 ft of cntrln. Cold temperature airport. Altitude correction required at or below –20C.
AIRPORT MANAGER: 607-561-2346
WEATHER DATA SOURCES: AWOS–3 118.275 (607) 561–2333.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON APP/DEP CON** 133.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
DELANCEY (L) (L) VORW/DME 112.1 DNY Chan 58 N42°10.70′ W74°57.42′ 301° 21.8 NM to fld. 2560/11W.
ROCKDALE (L) (L) VORW/DME 112.6 RKA Chan 73 N42°27.98′ W75°14.35′ 230° 12.6 NM to fld. 2032/11W.



SKANEATELES AERO DROME (6B9) 2 SW UTC–5(–4DT) N42°54.84′ W76°26.45′ **NEW YORK**
1039 TPA—1839(800) NOTAM FILE BUF **L–32F**
RWY 04–22: 3350X130 (TURF) 0.8% up SW **IAP**
RWY 04: Trees.
RWY 22: Fence.
RWY 10–28: H3134X58 (ASPH) S–9 MIRL(NSTD) 0.4% up W
RWY 10: REIL. Thld dsplcd 243′. Trees.
RWY 28: REIL. Trees.
SERVICE: **FUEL** 100LL **LGT** Arpt lgt OTS indef. ACTIVATE MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Unattended, call manager. Fuel avbl 24 hr self svc credit card. Rwy 28 two 55′ power poles 70′ either side centerline 700′ from thld. Rwy 04–22 avbl 15 May to 15 Oct. Rwy 10–28 NSTD MIRL, lgts are 38′ from pavement edge. Rwy 28 has 4 lgts out and 2 lgts very dim. One thld lgt is rotated 90° (red/green lens). Rwy 10 3′ fence 20′ from thld on both sides, 15′ road 30′ from thld on both sides and 4′ fence 80′ from thld on both sides. –10′ culvert/ditch 50′ left of centerline at thld. Rwy 04–22 has variations in rwy sfc.
AIRPORT MANAGER: 707-580-9240
WEATHER DATA SOURCES: AWOS–3P 120.125 (315) 685–5790.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **SYRACUSE APP/DEP CON** 126.125
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.
RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.
SYRACUSE (VH) (H) VORTACW 117.0 SYR Chan 117 N43°09.63′ W76°12.27′ 226° 18.1 NM to fld. 453/11W.
TACAN AZIMUTH unusable:
Byd 35 NM blo 4,000′
VOR unusable:
010°–025°
026°–066° byd 40 NM
067°–077° byd 30 NM
078°–133° byd 40 NM
134°–144° byd 19 NM
145°–216° byd 40 NM
217°–227° byd 40 NM blo 18,000′
228°–288° byd 40 NM
289°–299°
300°–351° byd 40 NM
352°–009° byd 40 NM blo 3,000′
352°–009° byd 57 NM
DME unusable:
Byd 35 NM blo 4,000′



SKY ACRES (See MILLBROOK on page 220)

SOUTH ALBANY (See SOUTH BETHLEHEM on page 247)

SOUTH BETHLEHEM

SOUTH ALBANY (4BØ) 2 N UTC–5(–4DT) N42°33.64′ W73°50.04′ **NEW YORK**
196 NOTAM FILE BTV **L–32G, 33B, 34I**
RWY 01–19: H2853X60 (ASPH) LIRL 0.4% up N **IAP**
RWY 01: RVR–T Thld dsplcd 150′. Tree.
RWY 19: RVR–R Thld dsplcd 124′. Tree.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT LIRL Rwy 01–19 and windsock lgt—CTAF.
NOISE: Helicopter noise abatement procedures in effect. VFR dep maintain rwy hdg until reaching 500′ AGL. Avoid arr and dep to/from the west.
AIRPORT REMARKS: Attended Nov–Mar 1300–2100Z‡, Apr–Oct 1100–0200Z‡. Birds on and invof arpt. Arpt clsd to acft over 12,500 lbs. +17′ railroad across centerline 200′ S of Rwy 01.
AIRPORT MANAGER: (518) 281-5430
COMMUNICATIONS: CTAF 122.9
Ⓡ **ALBANY APP/DEP CON** 118.05
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CAMBRIDGE (VL) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66′ W73°20.64′ 234° 33.8 NM to fld. 1490/14W.
DME unusable:
040°–130° blo 9,000′
VOR unusable:
011°–021° byd 42 NM
022°–127° byd 40 NM
128°–144°
145°–160° byd 40 NM
161°–182°
183°–194° byd 40 NM
195°–205°
320°–010° byd 40 NM

SOUTHAMPTON HELIPORT (87N) 5 SE N40°50.78′ W72°27.98′ **NEW YORK**
5 NOTAM FILE ISP **COPTER**
HELIPAD H1: H44X44 (ASPH) **L–33C, 34I**
IAP

NOISE: Noise sensitive area due to houses nearby. No idling or waiting on helipad permitted.
HELIPORT REMARKS: Attended continuously. Rwy H1; +4 FT stone wall 22 FT S; +15 FT road 25 FT S; +47 FT house 230 FT S. Rwy H1; +24′ brush 65′ SE; +31′ AWOS twr 165′ SE; +45′ bldg 430′ SE. Rwy H1: +52′ bldg 550′ SW. Ldg fee $150 for less than 5,000 lbs max gross ldg weight and $200 for greater than or equal to 5,000 lbs max gross ldg weight. Rwy H1 +3′ concrete block, 53′ NE of helipad. Rwy H1, +5′ dune, 300′ NW of helipad.
AIRPORT MANAGER: 631-283-0247
COMMUNICATIONS: CTAF 122.9
Ⓡ **NEW YORK APP/DEP CON** 125.975
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449
RADIO AIDS TO NAVIGATION: NOTAM FILE HTO.
HAMPTON (H) (H) VORTACW 113.6 HTO Chan 83 N40°55.14′ W72°19.00′ 250° 8.1 NM to fld. 22/13W.
DME unusable:
280°–325° byd 35 NM blo 1,700′
326°–355° byd 30 NM blo 2,000′
TACAN AZIMUTH unusable:
280°–325° byd 35 NM blo 1,700′
326°–355° byd 30 NM blo 2,000′
VOR unusable:
010°–240°
270°–332°



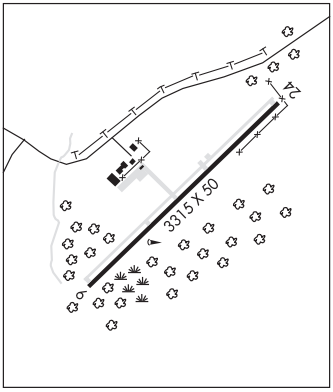
SPENCERPORT AIRPARK (D91) 2 S UTC–5(–4DT) N43°10.17′ W77°49.10′ **DETROIT**
614 NOTAM FILE BUF
RWY E–W: 2450X90 (TURF)
RWY E: Trees.
RWY W: Trees.
AIRPORT REMARKS: Attended irregularly. Deer on and invof arpt. Rwy E–W soft in winter. Ctc amgr for FICON. For rwy conditions call 585–737–3018. 80 ft antenna: 2348 ft east of rwy end, on cntrln. Apch slp 29:1. Not mkd.
AIRPORT MANAGER: (585) 737-3018
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

SPRINGVILLE XNT N42°30.54′ W78°39.52′/1418 **DETROIT**
AWOS–3P 122.8 (716) 592–4400 XNT AWOS–3P is associated with Betrand Chafee Hospital heliport 2NK6. **L–30I, 31E**

STAATSBURG

AIRHAVEN (Ø9N) 3 SE UTC–5(–4DT) N41°49.96′ W73°52.57′ **NEW YORK**
450 NOTAM FILE ISP
RWY 02–20: 1863X75 (TURF) 1.5% up N
RWY 02: Tree.
RWY 20: Trees.
AIRPORT REMARKS: Unattended. Rwy not plowed in winter. Rwy 02–20 2′ pvc reflective markers, blue markers at thld, all others along edges are white. Rwy 20 has +50′ trees, 30′ from thld, 50′ left. Steep grades and drop–offs located in Rwy 02 safety area. Call amgr for day/ovngt prkg and dropoff/PUP rates.
AIRPORT MANAGER: 845-889-4717
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448.

STORMVILLE (N69) 1 NE UTC–5(–4DT) N41°34.62′ W73°43.94′ **NEW YORK**
358 NOTAM FILE ISP **L–33B, 34I**
RWY 06–24: H3315X50 (ASPH) S–25 0.8% up NE
RWY 06: Trees.
AIRPORT REMARKS: Unattended. Geese on and invof rwy. Rwy 06–24 not plowed. Flea market obstns and material on rwy. Rwy 06–24 wide cracks and weeds on rwy. Not passable.
AIRPORT MANAGER: 845-221-6561
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448.



SUFFOLK CO N40°50.27′ W72°37.91′ NOTAM FILE FOK. **NEW YORK**
(T) TACAN 111.0 FOK Chan 47 at Francis S Gabreski. 50/13W. TACAN unmonitored when twr clsd. **L–33B, 34I**
No NOTAM MP: 1600–2000Z‡ Mon
TACAN AZIMUTH unusable:
028°–038° byd 8 NM blo 3,500′
090°–155° byd 7 NM
335°–345° byd 7 NM blo 3,500′

SULLIVAN CO INTL (See MONTICELLO on page 223)

SYRACUSE HANCOCK INTL (SYR)(KSYR) P (ANG AR) 4 NE UTC–5(–4DT) N43º06.67´ W76º06.38´ **NEW YORK H–11C, 12J, L–32F IAP, AD**

421 B LRA Class I, ARFF Index C NOTAM FILE SYR

RWY 10–28: H9013X150 (ASPH–GRVD) S–115, D–156, 2D–257 PCR 730 F/C/W/T HIRL CL

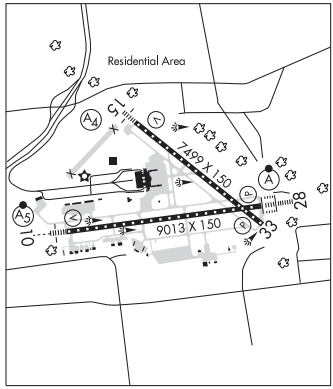
RWY 10: MALSR. VASI(V4L)—GA 3.0º TCH 55´. RVR–TMR Trees.

RWY 28: ALSF2. TDZL. PAPI(P4R)—GA 3.0º TCH 78´. RVR–TMR Trees. 0.3% up.

RWY 15–33: H7499X150 (ASPH–GRVD) S–115, D–156, 2D–257 PCR 730 F/C/W/T HIRL CL

RWY 15: MALS. VASI(V4L)—GA 3.0º TCH 49´. RVR–R Trees.

RWY 33: PAPI(P4L)—GA 3.0º TCH 53´. RVR–T Tree.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA–9013 TODA–9013 ASDA–9013 LDA–9013

RWY 15: TORA–7499 TODA–7499 ASDA–7499 LDA–7499

RWY 28: TORA–9013 TODA–9013 ASDA–9013 LDA–9013

RWY 33: TORA–7499 TODA–7499 ASDA–7499 LDA–7499

SERVICE: **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Elevd rwy guard lgts for Rwy 10–28 at Twy L, J, N, H, G, M are not opr durg day. Elevd rwy guard lgts for Rwy 15–33 Twy B, K, S, M are not opr durg day.

MILITARY— JASU 2(A/M32A–86) 1(MC–1A) 2(MC–2A) 3(M32A–60A) 2(MC–11) **FUEL** A+ (NC–100LL, A)

NOISE: Noise abatement procs in efct.

AIRPORT REMARKS: Attended continuously. Deer, coyote, birds on and invof arpt. No chtr ops thru pax trml bldg wo PPR. No jet eng maint runs abv idle btwn 0400–1100Z‡. No tsnt acft prkg on main trml ramp. Rwy 28 RVRT sensor shared by Rwy 33. Drct cust notification is rqrd. Hrs of notification are Mon–Sat 1300–2200Z‡. Arrivals outside of these hrs must make arrangements drg rglr work hrs; call 315–455–2271. UAS oper wi the confines of the Syracuse Class C, times vary. UAS ops in Syracuse Apch/Dep asp will be controlled by SYR ATC at all times. Rwy 33 nstd mrkgs; aiming point mrkgs 1340´ fm apch end rwy. SAID in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces.

AIRPORT MANAGER: 315-454-3263

WEATHER DATA SOURCES: ASOS (315) 526–3244 WSP.

COMMUNICATIONS: ATIS 124.225 315–455–3444 **UNICOM** 122.95

RCO 122.4 (BUFFALO RADIO)

Ⓡ **APP/DEP CON** 126.125 134.275

TOWER 120.3 **GND CON** 121.7 **CLNC DEL** 125.05

AIRSPACE: CLASS C svc ctc **APP CON**.

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

(VH) (H) VORTACW 117.0 SYR Chan 117 N43º09.63´ W76º12.27´ 135º 5.2 NM to fld. 453/11W.

TACAN AZIMUTH unusable:
Byd 35 NM blo 4,000´

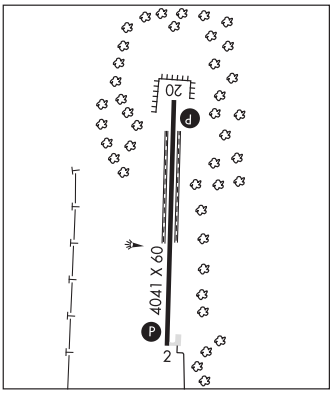
VOR unusable:
010º–025º
026º–066º byd 40 NM
067º–077º byd 30 NM
078º–133º byd 40 NM
134º–144º byd 19 NM
145º–216º byd 40 NM
217º–227º byd 40 NM blo 18,000´
228º–288º byd 40 NM
289º–299º
300º–351º byd 40 NM
352º–009º byd 40 NM blo 3,000´
352º–009º byd 57 NM

DME unusable:
Byd 35 NM blo 4,000´

ILS/DME 109.9 I–MRZ Chan 36 Rwy 10. Class IB. ILS monitored by ATCT.

ILS/DME 109.9 I–SYR Chan 36 Rwy 28. Class IIE.

TICONDEROGA MUNI (4B6) 2 NE UTC–5(–4DT) N43°52.64′ W73°24.79′ **NEW YORK**
274 NOTAM FILE BTV **L–32G**
RWY 02–20: H4041X60 (ASPH) MIRL **IAP**
RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 46′. Fence.
RWY 20: REIL. PAPI(P2L)—GA 3.0° TCH 45′. Trees. Rgt tfc.
SERVICE: **FUEL** 100LL **LGT** Rwy 02 2 thld lgts OTS indef. ACTIVATE MIRL Rwy 02–20, PAPI Rwy 02 and Rwy 20, REIL Rwy 02 and Rwy 20—CTAF.
AIRPORT REMARKS: Unattended. Winter opr Dec–Mar call for rwy conditions. 100LL self svc credit. Arpt fees–hangar, tie down, ldg for part 135, jet/turbine. Rwy 02 50′ trees 1150′ from rwy end 50′ left. Wildlife on and invof arpt.
AIRPORT MANAGER: 518-585-6265
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 135.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44°23.83′ W73°10.96′ 213° 32.7 NM to fld. 417/15W.
VOR unusable:
030°–086° byd 40 NM
075°–132° byd 30 NM blo 9,000′
087°–097° byd 40 NM blo 9,000′
087°–097° byd 49 NM
098°–169° byd 40 NM
133°–165° byd 30 NM blo 8,000′
170°–180° byd 40 NM blo 5,800′
170°–180° byd 47 NM
181°–196° byd 40 NM
244°–292° byd 40 NM
340°–350° byd 40 NM blo 6,000′
351°–010° byd 40 NM
DME unusable:
075°–132° byd 30 NM blo 9,000′
133°–165° byd 30 NM blo 8,000′



TRI–CITIES (See ENDICOTT on page 201)

TROY

RENSSELAER CO (5B7) 6 SE UTC–5(–4DT) N42°41.50′ W73°34.80′ **NEW YORK**
440 NOTAM FILE BTV
RWY 18–36: H2670X50 (ASPH) S–8
RWY 18: Trees.
RWY 36: Trees.
AIRPORT REMARKS: Unattended. Tran acft call 518–596–5947 for fld conditions prior to arrival. Deer and birds on and invof arpt. Surrounding terrain slopes down to rwy, due to higher surrounding terrain recommend use of the following procedures, departing Rwy 36, use best angle of climb speed until well clear of residential area north of Rwy 36, arrivals Rwy 18 maintain sufficient alt on final so as to avoid low alt and/or high power over residential area which underlies final apch to Rwy 18. Departures Rwy 18 and arrivals Rwy 36 use normal procedures. Rwy 18–36 widespread svr cracking and distortion. Svr spalling and faulting. Widespread vegetation. Rwy 18 first 40′ overgrown with grass. Rwy 18 markings not visible. Rwy 36 marking numbers faded.
AIRPORT MANAGER: (518) 596-5947
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

UTICA/FRANKFORT

FRANKFORT–HIGHLAND (6B4) 4 SE UTC–5(–4DT) N43°00.97′ W75°10.17′ **NEW YORK**
1325 NOTAM FILE BUF
RWY 13–31: H2750X60 (ASPH) S–12 LIRL 0.4% up NW
RWY 13: Thld dsplcd 200′. Trees.
RWY 31: Thld dsplcd 205′.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Unattended. Geese on and invof arpt during spring and fall. Model plane club operates on arpt. Self–serve fuel. Rwy 31 has 120′ dropoff 90′ from thld, both sides. LIRL Rwy 13–31 not avbl to tran acft.
AIRPORT MANAGER: 315-796-6257
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

UTICA N43°01.59′ W75°09.87′ NOTAM FILE BUF. NEW YOUR L–32G
(L) TACAN 111.2 UCA Chan 49 331° 16.4 NM to Griffiss Intl. 1420/12W.
RCO 122.2 (BUFFALO RADIO)

WALLKILL

KOBELT (N45) 2 NE UTC–5(–4DT) N41°37.45′ W74°08.50′ NEW YORK
420 B NOTAM FILE ISP
RWY 03–21: H2864X50 (ASPH) S–13
RWY 03: Trees.
RWY 21: Trees.
AIRPORT REMARKS: Unattended. Arpt clsd to acft 13,500 lbs and over. Deer on and invof arpt. PJE at arpt 3.0 NM radius SFC–14,500′. Rwy 03 has access road 16′ from thld both sides. Rwy center width of 30′ in good condition, 10′ width on both sides of centerline in poor condition with extensive cracks and vegetation. Rwy 03–21 slight depression in grass areas opposite south end of rwy. Rwy center 30′ in fair condition, outside edges beyond this in poor condition. 18′ wide parallel twy, stub connectors to rwy between ends in poor condition.
AIRPORT MANAGER: 914-548-3028
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448.

WARWICK MUNI (N72) 3 NE UTC–5(–4DT) N41°17.26′ W74°17.23′ NEW YORK
540 NOTAM FILE ISP
RWY 08–26: 2250X80 (TURF)
RWY 08: Tree.
RWY 26: Tree.
RWY 03R–21L: H2150X28 (ASPH) LIRL(NSTD)
RWY 03R: Tree.
RWY 21L: Trees.
RWY 03L–21R: 2100X50 (TURF)
RWY 03L: Trees.
RWY 21R: Trees.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 03R–21L—CTAF.
AIRPORT REMARKS: Attended irregularly. Arpt CLOSED to tran acft sunset–sunrise. Deer and bird act near movement areas. Mountains and twrs in close vicinity of arpt. Self svc fuel avbl. Rwy 08 has 6′ chain link fence 58′ left, parallel to rwy. Practice ldgs NA. Rwy 03R–21L NSTD LIRL, spacing 400′ apart. Seaplane use of Wickham Lake prohibited.
AIRPORT MANAGER: 845-258-0183
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448.

WATERTOWN INTL (ART)(KART) 5 W UTC–5(–4DT) N43°59.51′ W76°01.17′

331 B AOE ARFF Index—See Remarks NOTAM FILE ART MON Airport

RWY 10–28: H7001X150 (ASPH–GRVD) S–109, D–154, 2D–254 PCR 270 F/D/X/T MIRL 0.3% up E

RWY 10: PAPI(P4L)—GA 3.0° TCH 47′. Trees.

RWY 28: MALSR. PAPI(P4L)—GA 3.0° TCH 45′. Trees.

RWY 07–25: H4999X150 (ASPH–GRVD) S–105, D–147, 2D–244 PCR 601 F/D/X/T HIRL 0.3% up NE

RWY 07: MALSR. PAPI(P4L)—GA 3.0° TCH 52′. Trees.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 44′. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA–4999 TODA–4999 ASDA–4784 LDA–4784

RWY 10: TORA–7001 TODA–7001 ASDA–7001 LDA–7001

RWY 25: TORA–4999 TODA–4999 ASDA–4999 LDA–4999

RWY 28: TORA–7001 TODA–7001 ASDA–7001 LDA–7001

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 07 and 28; REIL Rwy 25; HIRL Rwy 07–25; MIRL Rwy 10–28; twy lgts—CTAF. PAPI Rwy 07, 10, 25 and 28 opr consly.

AIRPORT REMARKS: Attended Oct–Apr 1100–2300Z‡, May–Sept 1000–0000Z‡. Deer and birds on and invof arpt. Gnd vehicles mnt CTAF. Fuel aft hrs: 315–816–2334 or 315–466–6741. Rwy/Twy cond unmntd aft hrs. PPR for use of unimproved sfcs—Amgr. PAEW all sfcs Apr–Oct. Sn removal equip Oct–Apr. CTN: Ngt vision device ops conducted in tfc pat area. Twy lgts not vsb using ngt vision goggles. Mil hel T on and invof arpt. RC model acft act located 4 NM N and 9 NM SSW blw 400′. Rwy 25 calm wind rwy. CTN: Rapid hot refueling on trml and GA ramp. Class I, ARFF Index A: PPR 2 hrs for unskd ops gtr than 30 pax seats call 315–816–2331 or 315–486–3302. Index B coverage is avbl O/R. Tks de/anti icing avbl—FBO 315–786–6001. Lndg fee ovr 6000 lbs. U.S. Customs prkg at GA ramp unless adzd by Customs or FBO. 2 hr PPR—U.S. Customs 315–482–2261. Tks, Type I and IV fluids avbl—ctc FBO. 24hr PPR for trnspn of xplos–ctc AMGR. Medevac on arpt. Giveway to acft of hel using medevac CS. Wheeled hel reqstd to gnd taxi when xng GA Ramp.

AIRPORT MANAGER: 315-786-6002

WEATHER DATA SOURCES: ASOS 132.325 (315) 918–7016. (WX CAM)

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **WHEELER–SACK APP/DEP CON** 124.875

CLNC DEL 120.8

CLEARANCE DELIVERY PHONE: For CD if una to ctc Wheeler Sack ATCT on freq, ctc Wheeler Sack ATCT at 315-772-7105.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ART.

(L) (L) VORTACW 109.8 ART Chan 35 N43°57.13′ W76°03.88′ 051° 3.1 NM to fld. 374/12W.

VOR unusable:

090°–111° byd 15 NM

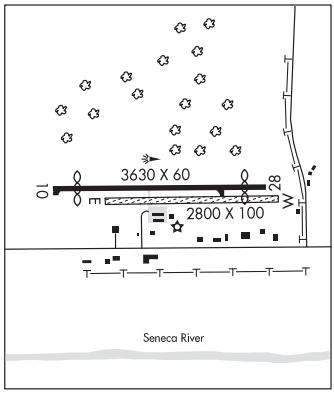
112°–150°

151°–175° byd 20 NM

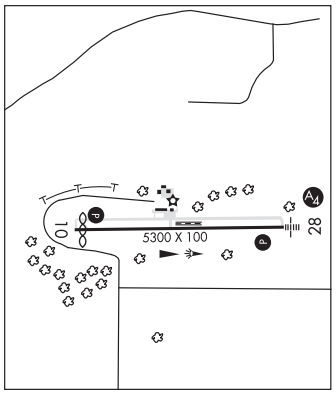
ILS/DME 111.1 I–ART Chan 48 Rwy 07. Class ID.

WEEDSPORT

WHITFORDS (B16) 2 NE UTC–5(–4DT) N43°04.84′ W76°32.29′ **NEW YORK**
400 B TPA—1200(800) NOTAM FILE BUF **L–32F**
RWY 10–28: H3630X60 (ASPH) MIRL **IAP**
RWY 10: Thld dsplcd 430′. Trees.
RWY 28: Thld dsplcd 350′. Trees.
RWY E–W: 2800X100 (TURF)
RWY E: Hill.
RWY W: Trees.
SERVICE: S2 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 10–28—122.7. Beacon OTS indefly. Beacon dusk–0400Z‡, for rotating bcn after 0400Z‡ call 315–834–9950.
AIRPORT REMARKS: Attended dalgt hours. Parachute Jumping. Skydiving on and invof arpt. Ultra–lights on and invof arpt. Rwy E–W CLOSED Nov 1–May 15.
AIRPORT MANAGER: 315-834-9950
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **SYRACUSE APP/DEP CON** 126.125
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.
RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.
SYRACUSE (VH) (H) VORTACW 117.0 SYR Chan 117 N43°09.63′ W76°12.27′ 263° 15.4 NM to fld. 453/11W.
TACAN AZIMUTH unusable:
Byd 35 NM blo 4,000′
VOR unusable:
010°–025°
026°–066° byd 40 NM
067°–077° byd 30 NM
078°–133° byd 40 NM
134°–144° byd 19 NM
145°–216° byd 40 NM
217°–227° byd 40 NM blo 18,000′
228°–288° byd 40 NM
289°–299°
300°–351° byd 40 NM
352°–009° byd 40 NM blo 3,000′
352°–009° byd 57 NM
DME unusable:
Byd 35 NM blo 4,000′



WELLSVILLE MUNI/TARANTINE FLD (ELZ)(KELZ) 2 SW UTC–5(–4DT) N42°06.57′ **DETROIT**
W77°59.40′ **H–10H, 12J, L–30I, 32F**
2125 B NOTAM FILE ELZ **IAP**
RWY 10–28: H5300X100 (ASPH–GRVD) S–25, D–45 HIRL
0.4% up W
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 39′. Thld dsplcd 200′. Trees.
RWY 28: MALS. PAPI(P2L)—GA 3.0° TCH 52′. Tree.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALS Rwy 28; REIL Rwy 10; PAPI Rwy 10 and 28; HIRL Rwy 10–28—CTAF. PAPI ususbl byd 9 degs right and left of cntrln. Bcn on dusk–dawn daily.
AIRPORT REMARKS: Attended Mon–Fri 1300–2130Z‡. Unattended weekends, Memorial Day, 4th of July, Labor Day, Thanksgiving, Christmas Eve, Christmas and New Years Day. After hrs svcs are avbl call 585–593–3350 for numbers. 24 hr access to the lobby and restrooms. 24 hr self svc AVGAS and Jet–A.
AIRPORT MANAGER: 585-593-3350
WEATHER DATA SOURCES: ASOS 119.275 (585) 380–1032.
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEVLAND CENTER APP/DEP CON 124.325
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.
RADIO AIDS TO NAVIGATION: NOTAM FILE ELZ.
(DH) DME 115.85 ELZ Chan 105(Y) N42°05.38′ W77°59.97′ 020° 1.3 NM to fld. 2298.
DME unusable:
170°–195° byd 25 NM

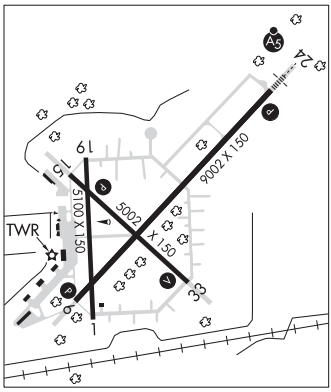


WEST 30TH ST HELIPORT (See NEW YORK on page 230)

WESTCHESTER CO (See WHITE PLAINS on page 256)

WESTHAMPTON BEACH

FRANCIS S GABRESKI (FOK)(KFOK) P (ANG) 3 N UTC–5(–4DT) N40°50.62′ W72°37.91′ **NEW YORK**
66 B LRA NOTAM FILE FOK **COPTER**
RWY 06–24: H9002X150 (ASPH–CONC) S–100, D–120, 2D–200 **H–10I, 12J, L–33B, 34I**
PCN 31 F/B/X/T HIRL 0.3% up NE **IAP, DIAP, AD**
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 66′. Trees.
RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 77′. Trees. Rgt tfc.
RWY 01–19: H5100X150 (ASPH–CONC) S–50, D–50, 2D–100 PCN 17
R/B/Y/T 0.4% up N
RWY 01: Trees.
RWY 19: Trees.
RWY 15–33: H5002X150 (ASPH) S–94, D–157, 2D–259
PCN 42/F/B/W/T MIRL 0.3% up NW
RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 62′. Trees.
RWY 33: REIL. VASI(V4L)—GA 3.0° TCH 57′. Trees. Rgt tfc.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** When ATCT clsd ACTVT MALSR Rwy 24; REIL Rwy 06, 15, and 33; PAPI Rwy 06, 15 and 24; VASI Rwy 33; HIRL Rwy 06–24; MIRL Rwy 15–33—CTAF. **MILITARY— JASU** Avbl dur ANG opr hr. (A/M32A–86) 2(MA–1A) **FUEL** Avbl dur ANG opr hr. A++(Mil) avbl (NC–100LL, A) **FLUID** SP De–Ice LOX **OIL** O–148–156(Mil) SOAP
NOISE: Voluntary noise abatement procs in efct; see arpt website. When safety and opns allow, Rwy 24 pref for noise abatement.
AIRPORT REMARKS: Attended 1200–0400Z‡. Parachute Jumping. Birds and deer on and invof arpt. Extv glider activity. Rcmdd rsvn with FBO prior to arr. No 180° turns permitted on asph section of Rwy 06–24. Mil parachute drops on fld and offshore from Shinnecock Inlet, 8 miles ESE of fld, 2000′ AGL and blo. Rwy 15–33 mil max effort ldg strip markings (3500 x 60) incld with NPI rwy mkgs. Rwy 06–24 6000′ asph overlay in ctr of rwy. Rwy 01–19 south end rwy 900′ and north end rwy 1000′ are safety areas. Rwy 06–24 and Rwy 15–33 1000′ safety area each end.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **CAUTION** Birds and deer haz. PJE vcnty of arpt. **ANG** Radio ctl acft opr 0.5 NM north of AER 15 SR–SS, ctc twr for advsy. PPR DSN 456–7362/4, C631–723–7362/4. PPR offl bus. For use of ANG ramp. Offl bus only PPR all acft, 48 hr PN, ctc afld ops DSN 456–7362, C631–723–7362 drg duty hr. Tue–Fri PPR drg off–duty hr. 106 OG/CC apvl required nml duty hr. Nml opr 1230–2230Z‡ Tues–Fri. Clsd Sat, Sun, Mon and hol. Ltd ramp space. Tran acft may be diverted to civ FBO drg non–duty hr. Prk on ANG ramp is PPR offl bus and pre coord with 106 OSS/OSA at C631–723–7362/4 at least 24 hours prior arr. White painted lines denoting a roadway on the apron by the pods indicating where a vehicle must drive in order to maintain all necessary wingtip clearances. Advsy for tran aircrews– wing tip clnc waiver in effect on guard C–130 ramp. NSTD mrk on HH–60 apron; white boxes indicating hot refueling area. Afld mgr does not store comsec. Rwy clsd to acft AUW 100,000 lb exc C130/emerg UFN. AMC/ACC acft opr rstd dur Bird Watch cond MODERATE (tkof or ldg proh wo OG/CC apvl), ctc Afld Managment OPS for current Bird Watch cond. Dur Phase II BASH window (+/– 1 hr of SR/SS), not tkof or ldg perms, 106 OG/CC waiver auth. Bird haz (waterfowl) hvy dur Phase II BASH Window. Phase II nml begins 1 Aug and ends 30 Nov. **CSTMS/AG/IMG** US CSTMS clnc svc avbl with PN (FRG) 631–753–2691 (mil flts will coord thru Base Opns 631–723–7362/7364). Min 24 hr pn on rglr bus day precdng svc rqr date, max pax 15. US CSTMS hrs btn 1300 and 0300Z‡.
AIRPORT MANAGER: 631-852-8095
WEATHER DATA SOURCES: ASOS 119.925 (631) 288–0588.
COMMUNICATIONS: CTAF 125.3
Ⓡ **NEW YORK APP/DEP CON** 125.975 343.65
TOWER 125.3 236.6 (1200–0400Z‡) **GND CON** 121.8 225.4
ANG OPS (RESCUE OPS) 328.475
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch at 516-683-2449.
AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS G.

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RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CALVERTON (L) (DH) VORW/DME 114.55 CCC Chan 92(Y) N40°55.78′ W72°47.93′ 137° 9.2 NM to fld. 85/13W.

VOR unusable:
055°–075°
233°–268° byd 25 NM
269°–290°

DME unusable:
056°–066° byd 39 NM

SUFFOLK CO (T) TACAN Chan 47 FOK (111.0) N40°50.27′ W72°37.91′ at fld. 50/13W. NOTAM FILE FOK.

TACAN unmonitored when twr clsd.

No NOTAM MP: 1600–2000Z‡ Mon

TACAN AZIMUTH unusable:
028°–038° byd 8 NM blo 3,500′
090°–155° byd 7 NM
335°–345° byd 7 NM blo 3,500′

ILS/DME 111.7 I–FOK Chan 54 Rwy 24. Class IT. Unmonitored when ATCT clsd.

WHEELER–SACK AAF (GTB)(KGTB) A 1 NE UTC–5(–4DT) N44°03.34′ W75°43.19′

690 B TPA—See Remarks NOTAM FILE GTB Not insp.

MONTREAL
H–11C, 12K, L–32F
DIAP, AD

RWY 03–21: H10000X150 (CONC) PCN 59 R/B/W/T HIRL

RWY 03: ALSF1. PAPI(P4L)—GA 3.0° TCH 64′. RVR–TR Thld dsplcd 1363′.

RWY 21: ALSF1. PAPI(P4L)—GA 3.0° TCH 72′. RVR–TR Rgt tfc.

RWY 15–33: H5002X144 (CONC) PCN 43 R/C/W/T HIRL

RWY 15: MALSR. RVR–TR Rgt tfc.

RWY 08–26: H4501X150 (ASPH–CONC) PCN 29 F/C/W/T LIRL

RWY 08: Rgt tfc.

SERVICE: **MILITARY— FUEL** Service–L–AOE JASU–3(ASU600–270–DDP). Fuel A++ (mil); Avbl 1400–0300Z‡ Mon–Fri, Exc hol, OT PN. **FLUID** SP De–ice Type I and Type IV avbl with 3 hr PN. **TRAN ALERT:** Opr 1400–1300Z‡ Mon–Fri; clsd Sat, Sun and Federal Hol ltd; no cathering, lav, trash removal, water, or crew trnsp svc avbl.

NOISE: Noise abatement Quiet hrs 0300–1100Z‡.

MILITARY REMARKS: Attended 1200–0300Z‡ Mon–Fri, clsd otr times PPR. Arpt clsd hols. See FLIP AP/1 Supplementary Arpt Information. Base Ops opr 1200–0400Z‡Mon–Fri; clsd Sat, Sun and Federal Hol. All tran acft inbd for prk ctc Base Ops 10 NM prior to ldg, mil aircrews must register with Base Ops if RON. Tran R/W prk south end of north ramp. Twy G, N, P, R and Twy L east of Twy B designated nonmovemant area. Acft inbd for Avn Fld Maint Act (AFMA) must arr no later 1900Z‡ ctc DSN 772–7536, C315–772–7536. Emerg ctc Mt Ops Cntr DSN 772–8620 C315–772–8620. **RSTD** PPR ctc Base Ops DSN 772–5681, C315–772–5681/5682. Tenant acft have priority for lcl pat ops, tran may be ltd. Rwy 15–33. Twy G rstd to C130 or smaller. Sod ldg/ops rstd to cntr, sod. Oasis rst to tenant R/W hot reful ops, ldg/dep prohibited when clsd. Twy B btn Twy A and N ramp clsd. **CAUTION** UAS opr wi 20NM KGTB SFC–FL290. Extsy mil acft activity vcnty arpt mil acft refer to FLIP AP/1 prior to ops on Fort Drum or wi R–5201. Narrow Twy A, B, int arc 40′ wide. N Ramp edge lgt us. Twy B edge lgt us btn Twy A and Sabre helipad. W Ramp unlgtd. Rsc not mntn when base ops is clsd. Wildlife haz, refer to AP/1. **TFC PAT** TPA—Rotary wing 1400(710), fixed wing 2000(1310), turbojet 2500(1810), overhead 3000(2310). **CSTMS/AG/IMG** 24 hr PN, consult FCG. Aerial port msn acft plan arr btn 1300–0300Z‡ Mon–Fri exc hol, OT rqr advanced coord and apvl. **MISC** Wx svc avbl 24/7. DSN 772–6065, C315–772–6065. Back–up wx brief avbl fr 15 OWS Scott AFB DSN 576–9755/9702, C618–256–9755/9702. Pri wx sensors automated H24. Drg augmentation/back–up wx observation pt is obst 033°–162°. PMSV freq not monitored Sat, Sun and federal hol. ATC will assist in cooperative watch by notifying wx of unrprted cond. Rwy 09–8–26 cntr 75′ conc btn Rwy 03 and Twy D, PCN 54, remainder asph.

COMMUNICATIONS: ATIS 119.525

Ⓡ **APP/DEP CON** 124.875 307.125

TOWER 118.75 290.25 **GND CON** 123.45 229.8 **CLNC DEL** 123.65 **PMSV SACK METRO** 317.5

BASE OPS 126.2 233.7 **FORT DRUM FLT FLW** 141.025 319.25

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE ART.

WATERTOWN (L) (L) VORTACW 109.8 ART Chan 35 N43°57.13′ W76°03.88′ 079° 16.2 NM to fld. 374/12W.

VOR unusable:
090°–111° byd 15 NM
112°–150°
151°–175° byd 20 NM

ILS/DME 108.5 I–AEZ Chan 22 Rwy 03.

ILS/DME 108.5 I–GTB Chan 22 Rwy 21. Class IE.

ASR/PAR

WHITE PLAINS

WESTCHESTER CO (HPN)(KHPN) 3 NE UTC–5(–4DT) N41°04.02′ W73°42.45′ **NEW YORK COPTER**
439 B LRA ARFF Index—See Remarks NOTAM FILE HPN **H–10I, 12J, L–33B, 34H IAP, AD**

RWY 16–34: H6549X150 (ASPH–GRVD) D–120, 2S–152 PCR 537 F/B/W/T HIRL CL
0.9% up NW
RWY 16: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 55′. RVR–T
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 56′. RVR–R Bldg.

RWY 11–29: H4451X150 (ASPH–GRVD) S–70, D–120, 2S–152, 2D–120 PCN 28 F/B/X/U MIRL No Part 121/Part 380 Ops
RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 54′.
RWY 29: Thld dsplcd 1292′. Trees.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 11	16–34	2500
RWY 16	11–29	4000

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11: TORA–4451 TODA–4451 ASDA–4451 LDA–4451
RWY 16: TORA–6549 TODA–6549 ASDA–6549 LDA–6549
RWY 29: TORA–4451 TODA–4451 ASDA–4451 LDA–3159
RWY 34: TORA–6549 TODA–6549 ASDA–6549 LDA–6549

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** When ATCT clsd ACTVT MALSR Rwy 16; REIL Rwy 11 and Rwy 34; TDZ lgts Rwy 16; cntrln lgts Rwy 16–34; HIRL Rwy 16–34; MIRL Rwy 11–29; twy lgts—CTAF.

NOISE: Noise abatement procedures in effect ctc arpt management 914–995–4861. Four designated helicopter routes in use for noise abatement. NOTE: See Special Notices—Westchester Co Noise Abatement Procedures.

AIRPORT REMARKS: Attended continuously. Deer, birds and other wildlife on and invof arpt. Class I, ARFF Index C. FAR 139 ARFF Index C is rstrd to max acft len of 130′ when operg at main terminal, Gates 1 thru 6. Rwy 11–29 dly closures for staging and/or prkg of sked ACR. Rwy 29 clsd to ldg acft more than 12,500 lbs. Snow removal equipment operating on all acft movement areas Nov thru Apr. Lighter than air aircraft rstrd fm opns at arpt. Mowing within safety areas of all rwys and twys May thru Nov. Equipment and materials staged adjacent to the southern edge of Hangar 6 ramp. Acft oprg with MGTOW over 120,000 lbs must have prior permission. Ctc arpt opns for PPR link, call 914–995–4850. All apvd acft must ctc arpt opns on UNICOM with actual tkof and ldg wts. ATC clnc rqrd for pushback onto movement areas. Hangar D3 ramp adj to active pax loading area at main terminal ramp, acft requested use minimum thrust and avoid excess power and jet blast. Rwy 11 aiming point markings. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 914-995-4887

WEATHER DATA SOURCES: ASOS (914) 288–0216 WSP.

COMMUNICATIONS: D–ATIS 133.8 914–948–0130 **CTAF** 118.575 **UNICOM** 122.95
Ⓡ **NEW YORK APP CON** 126.4 (1200–0400Z‡) 120.8 (0400–1200Z‡)
Ⓡ **NEW YORK DEP CON** 120.55
TOWER 118.575 (1100–0400Z‡) **GND CON** 121.825
CLNC DEL 127.25 **CLNC DEL** 126.4 (When HPN twr clsd)
CPDLC (LOGON KUSA)
PDC

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch on 126.4, if una call 516-683-2849.

AIRSPACE: CLASS D svc 1100–0400Z‡; other times CLASS E.

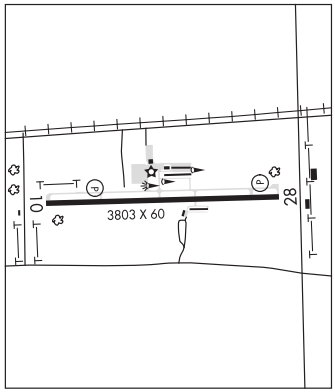
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
CARMEL (L) (L) VORW/DME 116.6 CMK Chan 113 N41°16.81′ W73°34.88′ 216° 14.0 NM to fld. 693/12W.
VOR unusable:
001°–155°
195°–225°
245°–270°
325°–355°
DME unusable:
000°–015° byd 20 NM
034°–054° byd 20 NM
055°–135° byd 20 NM blo 5,000′
180°–200°
340°–359° byd 20 NM blo 6,000′
ILS/DME 109.7 I–HPN Chan 34 Rwy 16. Class IIE.
ILS/DME 109.7 I–OJZ Chan 34 Rwy 34. Class IT. LOC unusable byd 28° left of course and 25° right of course.

COMM/NAV/WEATHER REMARKS: ATIS can also be received via CMK VOR frequency 116.6 (CARMEL)

WHITFORDS (See WEEDSPORT on page 253)

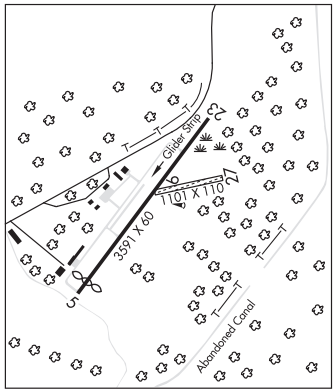
WILLIAMSON/SODUS (SDC)(KSDC) 3 W UTC–5(–4DT) N43°14.08′ W77°07.17′
424 B TPA—1400(976) NOTAM FILE BUF
RWY 10–28: H3803X60 (ASPH) S–12 MIRL
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 28: REIL. PAPI(P2R)—GA 3.2° TCH 42′. Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 10 and Rwy 28; MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1330–2200Z‡. Credit card fuel avbl 24 hrs. Geese and deer on and invof arpt.
AIRPORT MANAGER: 315-483-6011
WEATHER DATA SOURCES: AWOS–3 124.2 (315) 483–6171.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROCHESTER APP/DEP CON** 119.55
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.
ROCHESTER (L) (L) VORW/DME 110.0 ROC Chan 37 N43°07.08′ W77°40.37′ 086° 25.3 NM to fld. 545/12W.

DETROIT
L–31E, 32F
IAP



WURTSBORO/SULLIVAN CO (N82) 2 NE UTC–5(–4DT) N41°35.87′ W74°27.55′
548 NOTAM FILE ISP
RWY 05–23: H3591X60 (ASPH) S–30 0.3% up SW
RWY 05: Thld dsplcd 233′. Trees.
RWY 23: Trees.
RWY 09–27: 1101X110 (TURF) 0.7% up W
RWY 09: Trees.
RWY 27: Trees.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Attended 1400–2200Z‡. Winter months attended till dusk. Extensive glider activity. Deer on and in vicinity of arpt. Twr elevation 1690′ MSL 250′ AGL, located 9000′ NE thld apch Rwy 23.
AIRPORT MANAGER: (845) 888-2791
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (VL) (L) VORW/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 274° 28.9 NM to fld. 581/12W.
VOR unusable:
008°–018° byd 40 NM blo 4,000′
008°–018° byd 70 NM
020°–123° byd 40 NM
045°–050° byd 35 NM blo 4,300′
070°–140° byd 30 NM blo 3,400′
082°–092° byd 20 NM blo 4,000′
082°–092° byd 35 NM blo 5,500′
130°–148° byd 40 NM
203°–216° byd 30NM
243°–253° byd 40 NM
275°–310° byd 40 NM
311°–321° byd 40 NM blo 6,000′
311°–321° byd 64 NM
322°–001° byd 40 NM

NEW YORK
L–33A, 34H
IAP

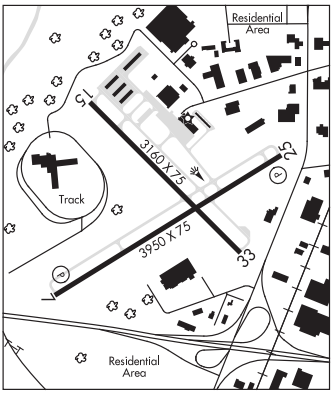


ALBERT (See PHILIPSBURG on page 297)

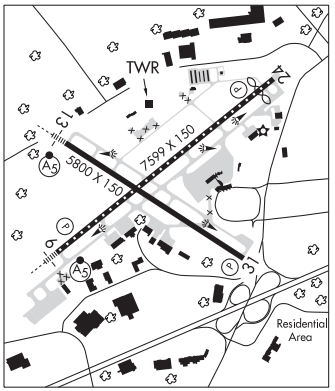
ALLEGHENY CO (See PITTSBURGH on page 299)

ALLENTOWN

ALLENTOWN QUEEN CITY MUNI (XLL)(KXLL) 2 SW UTC–5(–4DT) N40°34.22′ W75°29.30′ **NEW YORK**
399 B NOTAM FILE IPT **L–30K, 33A, 34G**
RWY 07–25: H3950X75 (ASPH–GRVD) S–12 MIRL **IAP**
RWY 07: REIL. PAPI(P4L)—GA 3.0° TCH 41′. Brush.
RWY 25: REIL. PAPI(P4L)—GA 3.5° TCH 40′. Pole.
RWY 15–33: H3160X75 (ASPH) S–12 MIRL 0.4% up SE
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 07–25; MIRL Rwy 07–25 and Rwy 15–33—CTAF. Rwy 25 VGSI unusbl byd 3 deg L of crs.
NOISE: Noise abatement procs in efct, for details ctc amgr.
AIRPORT REMARKS: Attended 1200–0000Z‡. Deer, groundhogs and birds on and invof arpt. For svc after hrs ctc 610–266–6000.
AIRPORT MANAGER: 610-791-5193
WEATHER DATA SOURCES: AWOS–3 127.875 (610) 231–3111. Unavbl byd 8 nm.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **APP/DEP CON** 119.65 (3000′ and blo) 124.45 (above 3000′)
CLNC DEL 118.9
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
EAST TEXAS (L) (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 103° 9.0 NM to fld. 741/9W.
VOR unusable:
255°–265°



LEHIGH VALLEY INTL (ABE)(KABE) 3 NE UTC–5(–4DT) N40°39.14′ W75°26.42′ **NEW YORK**
394 B TPA—See Remarks LRA Class I, ARFF Index C NOTAM FILE ABE **H–10I, 12J, L–33A, 34G**
RWY 06–24: H7599X150 (ASPH–GRVD) S–120, D–228, 2S–175, 2D–368 PCR 630 F/C/X/T HIRL CL **IAP, AD**
RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 72′. RVR–TR Trees.
RWY 24: REIL. PAPI(P4R)—GA 3.0° TCH 71′. RVR–TR Thld dsplcd 510′. Road.
RWY 13–31: H5800X150 (ASPH–GRVD) S–75, D–161, 2S–175, 2D–290 PCR 150 F/D/X/T HIRL
RWY 13: MALSR.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 54′. Pole.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–7599 TODA–7599 ASDA–7599 LDA–7599
RWY 13: TORA–5800 TODA–5800 ASDA–5800 LDA–5800
RWY 24: TORA–7599 TODA–7599 ASDA–7599 LDA–7089
RWY 31: TORA–5800 TODA–5800 ASDA–5800 LDA–5800
ARRESTING GEAR/SYSTEM
RWY 13: EMAS
RWY 31: EMAS
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 Rwy 06 PAPI unusbl byd 9 degs right of cntrln.
NOISE: Noise abatement procedures for turbojet powered acft in effect; preferential Rwy 06–24. Rwy 06–24 fly rwy heading until 2000′. Rwy 06, Rwy 13 and Rwy 24 departures be advised that departures are over a noise sensitive area. Rwy 31 turbojet departures turn right heading 360° until 2000′ MSL.
AIRPORT REMARKS: Attended continuously. Birds, groundhogs and deer on and invof arpt. TPA—1399(1006) reciprocating props, 1999(1606) turbine powered acft. Military acft plan to park and refuel on Hangar 7 apron. Twy C rstd to maximum acft weight 12,500 lbs. Twy B south of Twy B3 rstd to acft with wingspan 118′ or less. Twy B3 west of Rwy 13–31 rstd to acft with wingspan 118′ or less. Twy E rstd to acft max GWT 12,500 lbs. Twy J rstd to acft with 118′ wingspan or less. U.S. Customs user fee arpt. Ldg fee. Flight Notification Service (ADCUS) avbl—2 hours PPR.



CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: 610-266-6001
WEATHER DATA SOURCES: ASOS 126.975 (610) 477–0813.
COMMUNICATIONS: ATIS 126.975 **UNICOM** 122.95
Ⓡ **ALLENTOWN APP/DEP CON** 119.65 (3000´ & blo) 124.45 (abv 3000´) 124.45 (from west)
TOWER 120.5 **GND CON** 121.9 **CLNC DEL** 124.05
AIRSPACE: CLASS C svc ctc **APP CON**.
RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.
ALLENTOWN (L) (L) VORTACW 117.5 FJC Chan 122 N40º43.60´ W75º27.28´ 182º 4.5 NM to fld. 681/10W.
TACAN AZIMUTH & DME unusable:
061º–299º byd 30 NM blo 4,000´
300º–060º byd 26 NM blo 4,500´
VOR unusable:
021º–189º byd 10 NM
190º–260º blo 9,000´
190º–260º byd 24 NM
261º–306º byd 9 NM blo 4,000´
307º–349º
350º–020º blo 3,500´
350º–020º byd 33 NM blo 4,000´
ILS 110.7 I–ABE Rwy 06. Class IIE.
ILS 111.9 I–BXY Rwy 13. Class IB.
ILS/DME 108.55 I–GUW Chan 22(Y) Rwy 24. Class "IE".
COMM/NAV/WEATHER REMARKS: During ATC Zero events, ARFF will mnt 120.5 for emerg notifications.

ALLENTOWN N40º43.60´ W75º27.28´ NOTAM FILE ABE. **NEW YORK**
(L) (L) VORTACW 117.5 FJC Chan 122 182º 4.5 NM to Lehigh Valley Intl. 681/10W. **H–10I, L–30K, 33A, 34G**
TACAN AZIMUTH & DME unusable:
061º–299º byd 30 NM blo 4,000´
300º–060º byd 26 NM blo 4,500´
VOR unusable:
021º–189º byd 10 NM
190º–260º blo 9,000´
190º–260º byd 24 NM
261º–306º byd 9 NM blo 4,000´
307º–349º
350º–020º blo 3,500´
350º–020º byd 33 NM blo 4,000´

ALTOONA/BLAIR CO (AOO)(KAOO) 12 S UTC–5(–4DT) N40°17.78′ W78°19.20′ **DETROIT**
1503 B Class II, ARFF Index A NOTAM FILE AOO **H–10H, 12I, L–29D, A**
IAP

RWY 03–21: H5465X100 (ASPH–GRVD) S–16, D–44 PCR 321 F/D/X/T HIRL 0.6% up S
RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 43′. Trees.
RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 52′. Tree.
RWY 12–30: H3668X75 (ASPH) S–11.5, D–33 PCN 11 F/B/X/T MIRL No Part 121/Part 380 Ops
RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 54′. Tree.
RWY 30: REIL. PAPI(P4R)—GA 4.0° TCH 54′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–5465 TODA–5465 ASDA–5465 LDA–5465
RWY 12: TORA–3668 TODA–3668 ASDA–3668 LDA–3668
RWY 21: TORA–5465 TODA–5465 ASDA–5465 LDA–5465
RWY 30: TORA–3668 TODA–3668 ASDA–3668 LDA–3668



SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** Rwy 03–21, thld lgts and edge lgts OTS exc with PCL, avbl fm 0100–1300Z‡ daily. Rwy 12–30, thld lgts and edge lgts OTS exc with PCL avbl fm 0100–1300Z‡ daily. HIRL Rwy 03–21 and MIRL Rwy 12–30 preset low intst, incr intst and ACTVT PAPI Rwy 12, 30, 03 and 21, MALSR Rwy 21 and REIL Rwy 03, 12 and 30—CTAF.
NOISE: Preferred rwy is Rwy 21; for noise abatement when departing Rwy 03, maintain rwy heading until 2 NM north of arpt.
AIRPORT REMARKS: Attended Mon–Fri 0930–0330Z‡, Sat 1230–0030Z‡, Sun 1330–0130Z‡. Rwy/twy conds unmonitored outside of normal attendance hrs. Specialized acft (ultralgt, homebuilt, etc) ctc amgr 814–793–2027 or UNICOM prior to ldg. PPR 24 for unsked ACR and non–ACR opns with more than 30 psgr seats; call amgr 814–793–2027.
AIRPORT MANAGER: 814-793-2027
WEATHER DATA SOURCES: ASOS 127.125 (814) 793–9655.
COMMUNICATIONS: CTAF 123.6
Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99′ W77°57.06′ 329° 27.6 NM to fld. 2338/7W.
ILS 111.1 I–AOO Rwy 21. Class IA. LOC unusable byd 25° right of course.

ARNOLD PALMER RGNL (See LATROBE on page 286)

BALLY

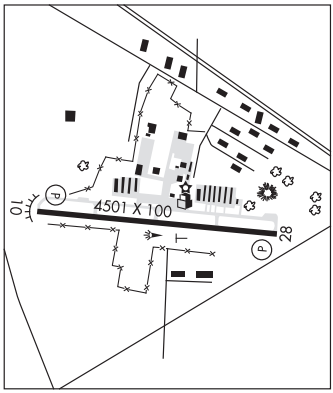
BUTTER VALLEY GOLF PORT (7N8) 1 E UTC–5(–4DT) N40°23.85′ W75°33.79′ **NEW YORK**
500 NOTAM FILE IPT
RWY 16–34: H2420X85 (ASPH–TURF)
RWY 16: Thld dsplcd 205′. Tree.
RWY 34: Thld dsplcd 250′. Road.
AIRPORT REMARKS: Attended daylight hours. Rwy 16–34 located in middle of golf course. Trees and substantial terrain elevation changes within 125′ of each rwy edge. Rwy 16–34 1535 ft X 24 ft asph insert at S end; remainder turf. Rwy 16 marked with yellow wood panels; turf rwy edges marked with tires painted yellow. Rwy 34 dsplcd thld marked with 3 white lines. Rwy 16 dsplcd thld marked by 3 yellow tires. Rwy 34: 119 ft tree line 1472 ft fm rwy end; 233 ft right. 12:1 slope to dthr.
AIRPORT MANAGER: 610-845-2491
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

BANDEL (See EIGHTY FOUR on page 272)

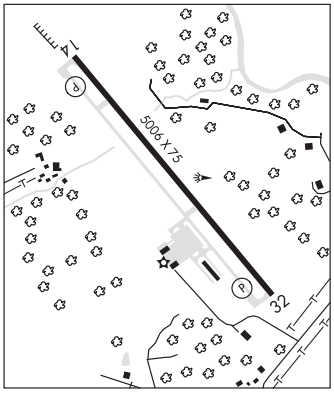
BEAVER CO (See BEAVER FALLS on page 261)

BEAVER FALLS

BEAVER CO (BVI)(KBVI) 3 NW UTC–5(–4DT) N40°46.35′ W80°23.49′ **DETROIT**
1253 B NOTAM FILE BVI **L–29C**
RWY 10–28: H4501X100 (ASPH–GRVD) S–16, D–32 MIRL **IAP, AD**
1.1% up E
RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 42′. Trees.
RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 43′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** Twr ctl. When ATCT clsd MIRL Rwy 10–28 and twy lgts oper low intst. Incr intst and ACTVT REIL Rwy 10 and 28—CTAF. PAPI Rwy 10 and Rwy 28 oper cont. Rwy 28 REILS OTS indefly.
NOISE: Noise abatement procedures in effect for deps only, ctc arpt manager 1300–2100Z‡ for details at 724–847–4662.
AIRPORT REMARKS: Attended Mon–Fri 1200–0200Z‡, Sat–Sun 1400–2100Z‡. Unattended all federal holidays.
AIRPORT MANAGER: 724-847-4662
WEATHER DATA SOURCES: AWOS–3PT 118.35 (724) 843–1024.
COMMUNICATIONS: CTAF 120.3 **ATIS** 118.35
Ⓡ **PITTSBURGH APP/DEP CON** 124.75
TOWER 120.3 (1230–0030Z‡ Mon–Fri; clsd Sat–Sun)
GND CON 121.8 **CLNC DEL** 124.85 (when twr clsd)
AIRSPACE: CLASS D svc 1230–0030Z‡ Mon–Fri, clsd Sat–Sun; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ELLWOOD CITY (VH) (H) VORW/DME 115.8 EWC Chan 105 N40°49.50′ W80°12.69′ 257° 8.8 NM to fld. 1227/8W.
VOR unusable:
285°–335°
LOC 109.3 I–BVI Rwy 10. LOC unmonitored when ATCT clsd
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr.



BEDFORD CO (HMZ)(KHMZ) 4 N UTC–5(–4DT) N40°05.17′ W78°30.81′ **WASHINGTON**
1162 B NOTAM FILE AOO **H–10H, 12I, L–29D**
RWY 14–32: H5006X75 (ASPH) S–38, D–60, 2D–100 MIRL **IAP**
RWY 14: REIL. PAPI(P2R)—GA 3.0° TCH 40′. Rgt tfc.
RWY 32: REIL. PAPI(P2L)—GA 4.0° TCH 52′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** ACTVT MIRL Rwy 14–32; REIL Rwy 14 and 32—CTAF. PAPI Rwy 14 and 32 opr consly. REIL ACTVT only with 3, 5, or 7 clicks.
AIRPORT REMARKS: Attended Mon–Fri 1300–2130Z‡, Sat 1300–2130Z‡, Sun 1300–2130Z‡. For svc after hrs ctc 814–494–0929. High terrain (mountain ridges) southeast of arpt lgtd with red obstruction lgts. Ldg fee for all acft except light single engine with fuel purchase.
AIRPORT MANAGER: 814-623-0704
WEATHER DATA SOURCES: AWOS–3 123.675 (814) 623–2936.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200–0400Z‡) or ctc 814–532–5960.
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡) or ctc Cleveland ARTCC 440–774–0234.
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99′ W77°57.06′ 297° 27.5 NM to fld. 2338/7W.



BELLEFONTE (N96) 3 SW UTC–5(–4DT) N40°53.13′ W77°48.97′ **DETROIT**
1072 B TPA—2101(1029) NOTAM FILE AOO **L–30I**
RWY 07–25: H3632X60 (ASPH) RWY LGTS(NSTD) 0.3% up SW **IAP**
RWY 07: Tree.
RWY 25: PAPI(P2L)—GA 3.5° TCH 40′. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE PAPI Rwy 25, LIRL Rwy 07–25—122.7. ACTIVATE rotating bcn—122.7. Rwy 25 rwy thld lgts located 43′ past rwy thld marking.
AIRPORT REMARKS: Attended 1300Z‡–dusk. For svc after hrs ctc 814–355–7407 or 814–883–7646. Ultralights on and invof arpt. All helicopters rqrd to use fixed wing tfc pat. Heavy glider activity during dalgt hrs, all alts within 10 NM area, all directions, especially along ridge 1 NM west and north of arpt. Ctc UNV twr (University Park) 128.475 prior to entering Class D airspace. Rwy 07–25 markings extremely faded.
AIRPORT MANAGER: 814-355-7407
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8
CLNC DEL 125.725
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (VH) (H) VORTACW 115.5 PSB Chan 102 N40°54.98′ W77°59.56′ 113° 8.2 NM to fld. 2443/10W.
VOR unusable:
005°–010° byd 40 NM
035°–060° byd 40 NM
095°–104° byd 40 NM
105°–115° byd 40 NM blo 18,000′
116°–145° byd 40 NM
146°–156° byd 40 NM blo 5,000′
146°–156° byd 70 NM
157°–171° byd 40 NM
172°–189° byd 40 NM blo 10,000′
172°–189° byd 78 NM
200°–205° byd 40 NM
320°–325° byd 40 NM
COMM/NAV/WEATHER REMARKS: Clearance delivery pvdd by New York ARTCC on freq 118.55 when UNV twr clsd.



BELLGROVE N40°26.14′ W76°33.18′ NOTAM FILE IPT. **NEW YORK**
NDB (MHW) 328 BZJ at Muir Ahp (Fort Indiantown Gap). 480/10W. **L–30J, 34G, A**

BELTZVILLE (See LEHIGHTON on page 287)

BENDIGO (See TOWER CITY on page 312)

BENSALEM

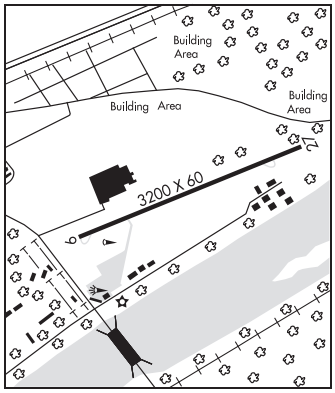
TOTAL RF HELIPORT (ØØA) 1 E UTC–5(–4DT) N40°04.25′ W74°56.02′ **NEW YORK**
9 NOTAM FILE IPT
HELIPAD H1: H80X80 (ASPH) PERIMETER LGTS
HELIPORT REMARKS: Unattended. After hrs 215–990–5300. Ingress/egress 290°–110° and 20′–200′.
AIRPORT MANAGER: 215-990-5300
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

BERMUDIAN VALLEY AIRPARK (See KRALLTOWN on page 285)

BETHEL

GRIMES (8N1) 2 E UTC–5(–4DT) N40°29.09′ W76°15.81′ **NEW YORK**
582 NOTAM FILE IPT
RWY 11–29: 2720X100 (TURF)
RWY 11: Thld dsplcd 250′. Road.
RWY 29: Thld dsplcd 270′. Tree.
AIRPORT REMARKS: Attended irregularly. AD CLSD SS–SR. Parachute Jumping. Rwy 11–29 first 700 ft of rwy on W end unusbl dur early spring due to wet conds. Rwy 11 and Rwy 29 mkd with white discs. Rwy 11–29 dthr mkd by red discs.
AIRPORT MANAGER: 717-933-9566
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

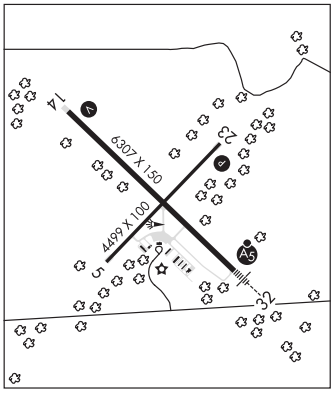
BLOOMSBURG MUNI (N13) 0 E UTC–5(–4DT) N40°59.86′ W76°26.11′ **NEW YORK**
481 B NOTAM FILE IPT **L–30J**
RWY 09–27: H3200X60 (ASPH) S–12.5 MIRL **IAP**
RWY 09: Road.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 09–27—CTAF.
AIRPORT REMARKS: Attended irregularly. Call ahd for assistance. For svc after hrs call 570–317–1966. Deer and geese invof rwy. After dusk, Rwy 09 preferred due to deer act east end of arpt.
AIRPORT MANAGER: 570-317-1966
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WILKES–BARRE APP/DEP CON** 120.95
CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MILTON (L) (L) VORTACW 109.2 MIP Chan 29 N41°01.40′ W76°39.92′ 107° 10.6 NM to fld. 1000/9W.



BRADEN AIRPARK (See EASTON on page 272)

BRADFORD CO (See TOWANDA on page 311)

BRADFORD RGNL (BFD)(KBFD) 10 S UTC–5(–4DT) N41°48.18′ W78°38.40′ **DETROIT**
2143 B ARFF Index—See Remarks NOTAM FILE BFD **H–10H, 12J, L–30I**
RWY 14–32: H6307X150 (ASPH–GRVD) S–48, D–60, 2D–92 **IAP**
PCR 343 F/D/W/T HIRL
RWY 14: REIL. VASI(V4L)—GA 3.0° TCH 42′. Tree.
RWY 32: MALSR. Tree.
RWY 05–23: H4499X100 (ASPH–GRVD) S–48, D–60 PCR 181 F/D/Y/U
MIRL 0.3% up NE
RWY 05: REIL. Tree.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–4499 TODA–4499 ASDA–4499 LDA–4499
RWY 14: TORA–6306 TODA–6306 ASDA–6306 LDA–6306
RWY 23: TORA–4499 TODA–4499 ASDA–4499 LDA–4499
RWY 32: TORA–6306 TODA–6306 ASDA–6306 LDA–6306



SERVICE: S2 **FUEL** 100LL, JET A+ **LGT** ACTIVATE MALSR Rwy 32; REIL Rwy 05, Rwy 23 and Rwy 14; VASI Rwy 14; PAPI Rwy 23; MIRL Rwy 05–23; HIRL Rwy 14–32; twy lgts—CTAF.
AIRPORT REMARKS: Attended 1200–0100Z‡. Arpt unatndd, no snow removal avbl daily 0100–1200Z‡. Conds not mnt outside nml hrs of atndc. Deer & birds on & invof arpt. Class I, ARFF Index A. PPR 24 hrs for unsked acft ops with more than 30 psgr seats; call amgr 814–368–5928 x 10. Index B coverage avbl 1200–0100Z‡; after 0100Z‡ for emerg call McKean County 911 at 814–887–4911. Aircraft deicing avbl. Ldg fee.
AIRPORT MANAGER: 814-368-5928
WEATHER DATA SOURCES: ASOS 133.825 (814) 368–2581.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.325
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.
AIRSPACE: CLASS E svc 1100–0330Z‡ Mon–Fri, 1100–2330Z‡ Sat, 1300–0330Z‡ Sun; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BFD.
(L) DME 116.6 BFD Chan 113 N41°47.18′ W78°37.16′ 317° 1.4 NM to fld. 2110.
DME unusable:
Wi 1 NM
ILS 108.3 I–BFD Rwy 32. Class IB.

BRADFORD N41°47.18′ W78°37.16′ NOTAM FILE BFD. **DETROIT**
(L) DME 116.6 BFD Chan 113 317° 1.4 NM to Bradford Rgnl. 2110. **L–30I**
DME unusable:
Wi 1 NM

BRANDYWINE RGNL (See WEST CHESTER on page 314)

BREEZEWOOD

GREATER BREEZEWOOD RGNL (P17) 7 S UTC–5(–4DT) N39°52.46′ W78°17.86′ **CINCINNATI**
1345 NOTAM FILE AOO
RWY 03–21: 3073X100 (TURF)
RWY 03: Rgt tfc.
RWY 21: Tree.
AIRPORT REMARKS: Unattended. Deer and wildlife on and invof arpt, low pass encouraged. Gldr towing and activity on arpt. Call main nr for ficons. Rwy marked with white plastic barrels. Low per or low pwrd acft must tkof on Rwy 21. Rwy 03 preferred for lndg. Rwy 21 preferred for tkof.
AIRPORT MANAGER: 814-327-8287
COMMUNICATIONS: CTAF 122.9 (Opr Hrs 1100–0100Z‡).
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.

BROGUE

CHANCEFORD (9W8) 1 S UTC–5(–4DT) N39°51.14′ W76°29.18′ **WASHINGTON**
750 B NOTAM FILE IPT
RWY 10–28: 2493X100 (TURF)
RWY 10: Thld dsplcd 476′. Pole.
RWY 28: Thld dsplcd 200′. Road.
SERVICE: S2 **FUEL** 100LL
AIRPORT REMARKS: Attended dalgt hrs. No winter snow removal. Rwy 10–28 edges marked by white flush painted markers. Rwy 10–28 edges and rwy ends marked by white flush painted markers co–located with orange cones. Rwy 10 dsplcd thld marked by 3 white flush markers each side of rwy. Rwy 28 dsplcd thld marked by 3 white flush markers each side of rwy. Rwy 28 at west end last 400′ slopes downward 16′.
AIRPORT MANAGER: 717-690-4089
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

BUTLER

BUTLER FARM SHOW (3G9) 3 W UTC–5(–4DT) N40°51.15′ W79°58.49′ **DETROIT**
1333 B NOTAM FILE AOO
RWY 18–36: H2580X38 (ASPH) S–9 LIRL(NSTD)
RWY 18: Thld dsplcd 180′. Pole.
RWY 36: Thld dsplcd 197′. Trees.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE LIRL—CTAF. Arpt bcn ops dusk–1000Z‡. Rwy 18–36 nstd LIRL 50′ from rwy. Lgtd wind "T" dusk to dawn.
AIRPORT REMARKS: Attended irregularly. Deer and bird activity on and invof rwy. 100LL 24 hr fuelavbl with credit card. Ultralight ops prohibited. Rwy 18–36 CLOSED to touch and go ldg. Rwy 36 open for tkof and ldng SR to SS; clsd for ldng for SS to SR. Dsplcd rwy ends avbl for take off and roll out. Rwy 18–36 single wheel capacity 9000 lbs. + 22′ marked p–line 292′ from Rwy 18 thld on extdd centerline.
AIRPORT MANAGER: 724-991-2208
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591

PITTSBURGH/BUTLER RGNL (BTP)(KBTP) 5 SW UTC–5(–4DT) N40°46.60′ W79°57.07′ **DETROIT**
1248 B NOTAM FILE BTP MON Airport **L–29C**
RWY 08–26: H4801X100 (ASPH–GRVD) S–37, D–50 HIRL **IAP**
0.3% up E
RWY 08: MALSF. PAPI(P4L)—GA 3.0° TCH 53′. Trees.
RWY 26: REIL. PAPI(P4L)—GA 3.5° TCH 52′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 1, 2 **LGT** ACTVT MALSF Rwy 08; REIL Rwy 26; PAPI Rwy 08 & 26; HIRL Rwy 08–26—CTAF.
NOISE: Noise abatement procedures in effect; climb to 2000′ before turning.
AIRPORT REMARKS: Attended Mon–Fri 1200–0000Z‡, Sat–Sun 1300–2300Z‡. Unattended Christmas Day and Easter Day. Deer and birds on and invof arpt. Arpt ofc hrs 1300–2100 M–F, clsd hols. 100LL self–serve avbl. Lndg fee.
AIRPORT MANAGER: 724-586-6665
WEATHER DATA SOURCES: AWOS–3PT 121.450 (724) 586–6434. SAWRS.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **PITTSBURGH APP/DEP CON** 124.75
CLNC DEL 119.4
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ELLWOOD CITY (VH) (H) VORW/DME 115.8 EWC Chan 105
N40°49.50′ W80°12.69′ 112° 12.2 NM to fld. 1227/8W.
VOR unusable:
285°–335°
ILS 111.5 I–BTP Rwy 08.



BUTTER VALLEY GOLF PORT (See BALLY on page 260)

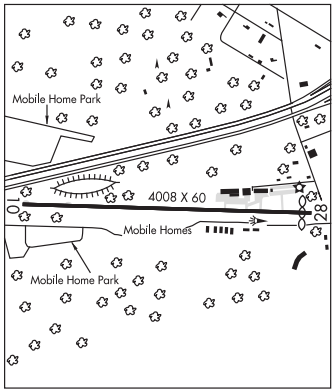
CAMOR N39°52.97′ W79°44.68′ NOTAM FILE AOO. **CINCINNATI**
NDB (MHW/LOM) 299 VV 049° 6.1 NM to Joseph A Hardy Connellsville. 1020/8W. **L–29C**
NDB unusable:
Byd 10 NM

CANADENSIS

FLYING DOLLAR (8N4) 2 N UTC–5(–4DT) N41°12.90′ W75°14.81′ **NEW YORK**
1430 NOTAM FILE IPT
RWY 02–20: 2405X100 (TURF) 4.5% UP N
RWY 20: Trees.
AIRPORT REMARKS: Attended irregularly. Deer and wildlife on and invof rwy. No snow removal. Ldg prohibited Rwy 20, departure prohibited Rwy 02. Rwy 02–20 marked with white cones. Announce tfc on—CTAF 122.9
AIRPORT MANAGER: 646-298-4753
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.

CAPITAL CITY (See HARRISBURG on page 280)

CARLISLE (N94) 2 SE UTC–5(–4DT) N40°11.27′ W77°10.46′ **DETROIT**
510 B NOTAM FILE IPT **L–29E, A**
RWY 10–28: H4008X60 (ASPH) S–12.5, D–12.5 LIRL **IAP**
RWY 28: Thld dsplcd 126′.
SERVICE: S2 **FUEL** 100LL, JET A+ **LGT** ACTVT LIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1200–2000Z‡. Sat–Sun irregular. During ngt ops trailer park lgts located south of rwy could be mistaken for rwy lgts. Deer and birds on and invof arpt. Lrg bird act increased .5 NM W apch end Rwy 10.
AIRPORT MANAGER: 717-448-7730
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HARRISBURG APP/DEP CON** 124.1
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.
HARRISBURG (L) (H) VORTACW 115.35 HAR Chan 100(Y)
N40°18.13′ W77°04.17′ 225° 8.4 NM to fld. 1301/10W.
VOR unusable:
069°–071°
084°–087° byd 20 NM blo 5,000′
084°–087° byd 30 NM
097°–107° byd 10 NM
116°–120° byd 25 NM blo 4,000′
276°–286° byd 20 NM blo 9,000′



CASTLE N41°01.38′ W80°24.95′ NOTAM FILE AOO. **DETROIT**
NDB (MHW) 272 UCP at New Castle Muni. 1023/9W. **L–30H**

CENTRE AIRPARK (See CENTRE HALL on page 266)

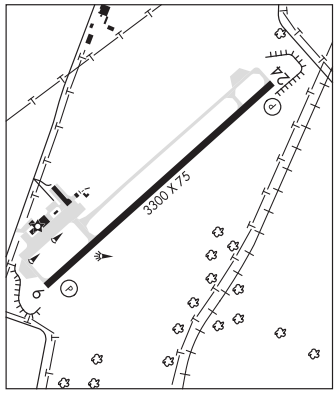
CENTRE HALL

CENTRE AIRPARK (N16) 2 SE UTC–5(–4DT) N40°48.70′ W77°39.43′ **DETROIT**
1307 NOTAM FILE AOO
RWY 06–24: 3100X210 (TURF)
RWY 06: Thld dsplcd 400′. Road.
RWY 24: Thld dsplcd 400′. Trees.
AIRPORT REMARKS: Attended irregularly. For svc after hrs call 570–419–7509. Ultralight activity on and invof arpt. RC airplane ops on invof arpt. Rwy 06–24 not maintained winter months. Rwy 06 thr umkd. Dthr mkd at 720′. Rwy 24 thr unmkd. Dthr mkd at 610′.
AIRPORT MANAGER: (814) 364-9188
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

PENNS CAVE (N74) 4 NE UTC–5(–4DT) N40°53.40′ W77°36.19′ **DETROIT**
1245 NOTAM FILE AOO
RWY 07–25: H2509X40 (ASPH) 0.9% up NE
RWY 07: Tree.
RWY 25: Tree.
AIRPORT REMARKS: Attended irregularly. For svc call (814) 364–1479. Deer on and invof arpt at ngt. 750′ AGL mountains 1/2 mile south and 700′ AGL mountain 1/2 mile north, both unlgtd and unmarked. Rwy 07–25 first 864′ of Rwy 07 has a 3.3% upslope. No ngt ops.
AIRPORT MANAGER: 814-364-1479
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

CHAMBERSBURG

FRANKLIN CO RGNL (N68) 3 N UTC–5(–4DT) N39°58.38′ W77°38.60′ **WASHINGTON L–29D, A IAP**
688 B NOTAM FILE IPT
RWY 06–24: H3300X75 (ASPH) S–12.5 MIRL
RWY 06: PAPI(P2R)—GA 3.0° TCH 43′.
RWY 24: PAPI(P2L)—GA 3.0° TCH 43′. Trees. Rgt tfc.
SERVICE: S2 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Unattended. Parachute Jumping.
AIRPORT MANAGER: 717-948-3900
WEATHER DATA SOURCES: AWOS–3 120.725 (717) 261–1943.
COMMUNICATIONS: CTAF 122.9
Ⓡ **HARRISBURG APP/DEP CON** 124.1
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99′ W77°57.06′ 087° 14.4 NM to fld. 2338/7W.

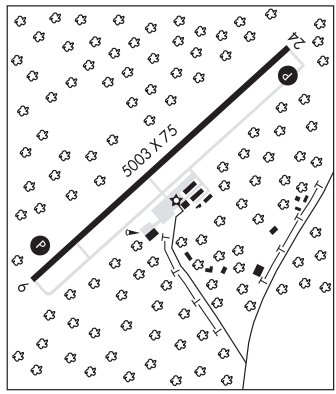


CHANCEFORD (See BROGUE on page 265)

CHERRY RIDGE (See HONESDALE on page 282)

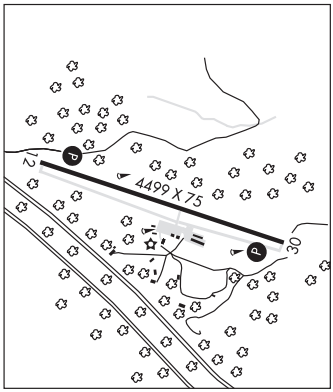
CHESTER CO G O CARLSON (See COATESVILLE on page 268)

CLARION CO (AXQ)(KAXQ) 3 NW UTC–5(–4DT) N41°13.50′ W79°26.53′ **DETROIT H–10H, 12I, L–30H IAP**
1458 B NOTAM FILE AOO
RWY 06–24: H5003X75 (ASPH) S–15 MIRL 0.5% up NE
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTIVATE MIRL Rwy 06–24, REIL Rwy 06 and Rwy 24 and PAPI Rwy 06 and Rwy 24—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1330–2100Z‡. Unattended Meml day, July 4th, Labor Day, Thanksgiving, Christmas, and New Years Day. 100LL single point refueling avbl upon request. Jet A avbl self svc 24 hrs. 100LL avbl self svc 24 hrs. Ldg fee.
AIRPORT MANAGER: (814) 226-9993
WEATHER DATA SOURCES: AWOS–3 118.275 (814) 297–1486.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 or call 440–774–0234.
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0234/0442.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
(DH) DME 113.85 CIP Chan 85(Y) N41°08.78′ W79°27.48′ 009° 4.8 NM to fld. 1520.



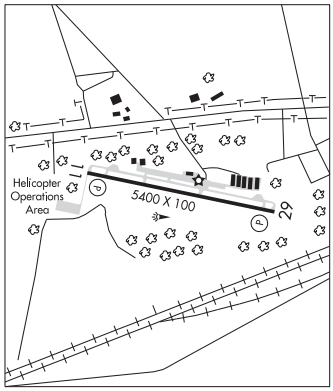
CLARION N41º08.78´ W79º27.48´ NOTAM FILE AOO. **DETROIT**
(DH) DME 113.85 CIP Chan 85(Y) 009º 4.8 NM to Clarion Co. 1520. **H–10H, L–30H**

CLEARFIELD–LAWRENCE (FIG)(KFIG) 2 NE UTC–5(–4DT) N41º02.95´ W78º24.91´ **DETROIT**
1516 B NOTAM FILE FIG **L–30I**
RWY 12–30: H4499X75 (ASPH) S–12.5 MIRL **IAP**
RWY 12: PAPI(P2L)—GA 3.1º TCH 29´. Tree.
RWY 30: REIL. PAPI(P4L)—GA 3.0º TCH 27´.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 30, PAPI Rwy 12 and Rwy 30, MIRL Rwy 12–30—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Aft hrs call 814–335–8252. Clsd Christmas.
AIRPORT MANAGER: 814-768-7710
WEATHER DATA SOURCES: ASOS 119.275 (814) 765–9703.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (VH) (H) VORTACW 115.5 PSB Chan 102 N40º54.98´ W77º59.56´ 303º 20.8 NM to fld. 2443/10W.
VOR unusable:
005º–010º byd 40 NM
035º–060º byd 40 NM
095º–104º byd 40 NM
105º–115º byd 40 NM blo 18,000´
116º–145º byd 40 NM
146º–156º byd 40 NM blo 5,000´
146º–156º byd 70 NM
157º–171º byd 40 NM
172º–189º byd 40 NM blo 10,000´
172º–189º byd 78 NM
200º–205º byd 40 NM
320º–325º byd 40 NM



COATESVILLE

CHESTER CO G O CARLSON (MQS)(KMQS) 2 W UTC–5(–4DT) N39º58.74´ W75º51.93´ **WASHINGTON**
660 B NOTAM FILE IPT **H–10I, 12J, L–34G, A**
RWY 11–29: H5400X100 (ASPH–GRVD) S–30, D–48 HIRL **IAP**
0.4% up E
RWY 11: REIL. PAPI(P4R)—GA 3.2º TCH 55´. Tree.
RWY 29: REIL. PAPI(P4L)—GA 3.0º TCH 57´. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Dusk–Dawn. ACTVT REIL Rwy 11–29; HIRL Rwy 11–29—CTAF. Rwy 11 VGSI unusbl byd 6 deg left of crs.
NOISE: Noise abatement procedures in effect ctc amgr cell.
AIRPORT REMARKS: Attended 1100–0300Z‡. Migratory birds and deer on and invof arpt. Helicopter ops invof arpt south and southwest of Rwy 11 thld. For svc after hrs ctc 610–384–9000. Helicopter traffic requested to land and tkof from rwy only. Helicopter hover taxiing, tkofs and Indgs prohibited from Twy Alpha. Hover taxiing along Twy Alpha prohibited. Wheel taxi on txy or hover from rwy to ramp side parking spot by crossing perpendicular to Alpha. +164´ water twr 1343´ from Rwy 11 thld 1842´ right marked with strobe lgt dalgt hrs, standard obstruction lgt ngt hrs.
AIRPORT MANAGER: 610-802-2291
WEATHER DATA SOURCES: AWOS–3 126.25 (610) 384–6132.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **PHILADELPHIA APP/DEP CON** 124.35
CLNC DEL 125.6
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.



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RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) (L) VORTACW 113.2 MXE Chan 79 N39°55.08′ W75°40.25′ 301° 9.7 NM to fld. 473/9W.

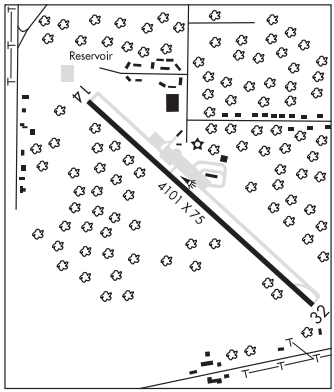
VOR unusable:
036°–046°
047°–057° byd 10 NM
058°–085°
170°–248° byd 27 NM blo 7,500′
170°–248° byd 30 NM blo 9,500′
170°–248° byd 8 NM blo 6,000′
268°–278° byd 28 NM
278°–290° blo 10,000′
290°–326°

ILS 108.5 I–MQS Rwy 29. Class IA.

CONNELLSVILLE

JOSEPH A HARDY CONNELLSVILLE (VVS)(KVVS) 5 SW UTC–5(–4DT) N39°57.54′ W79°39.45′ **CINCINNATI**
1264 B NOTAM FILE AOO **L–29C**
RWY 05–23: H3833X100 (ASPH) S–12.5 MIRL 1.2% up NE **IAP**
RWY 05: REIL. PAPI(P2L)—GA 3.0° TCH 41′.
RWY 23: PAPI(P2R)—GA 3.0° TCH 20′.
RWY 14–32: H2404X100 (ASPH) S–12.5 MIRL 0.4% up SE
RWY 14: PAPI(P2L)—GA 3.0° TCH 27′. Trees.
RWY 32: Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 05; PAPI Rwy 05, 23 and 14. MIRL Rwy 05–23 and Rwy 14–32—CTAF. Rwy 14–32 thld & edge lgt ots indef. Rwy 14 PAPI ots indef.
AIRPORT REMARKS: Attended 1300–2200Z‡. Deer and birds on and invof arpt. Self svc 100LL avbl 24 hrs; credit card only. Rwy 23 has a 265 ft relocated thr for taxi only. Rwy 14 has a 315 ft relocated thr for taxi only, Rwy 32 has a 260 ft relocated thr for taxi only. Twy B clsd to acft wingspan more than 40′. Ldg fee for all acft over 6,000 lbs gross weight waived for fuel purchase.
AIRPORT MANAGER: 724-628-2276
WEATHER DATA SOURCES: AWOS–3P 133.325 (724) 626–8745.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CLARKSBURG APP/DEP CON** 119.425 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
INDIAN HEAD (L) TACAN Chan 19 IHD (108.2) N39°58.45′ W79°21.50′ 272° 13.8 NM to fld. 2820/6W.
TACAN AZIMUTH OTS indef
CAMOR NDB (MHW/LOM) 299 VV N39°52.97′ W79°44.68′ 049° 6.1 NM to fld. 1020/8W.
NDB unusable:
Byd 10 NM
LOC 110.7 I–VVS Rwy 05. LOM CAMOR NDB. LOC unmonitored indef.

CORRY–LAWRENCE (8G2) 1 S UTC–5(–4DT) N41°54.45′ W79°38.46′ **DETROIT**
1766 B NOTAM FILE AOO **L–30H**
RWY 14–32: H4101X75 (ASPH) S–12.5 MIRL 1.7% up SE **IAP**
RWY 14: REIL.
RWY 32: REIL. Tree.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 14 and Rwy 32; MIRL Rwy 14–32—CTAF.
AIRPORT REMARKS: Attended irregularly. Airport unatndd. 100LL fuel avbl 24 hr with credit card. Birds on and invof arpt.
AIRPORT MANAGER: 814-462-5652
COMMUNICATIONS: CTAF/AUNICOM 122.8
Ⓡ **BUFFALO APP/DEP CON** 121.0 (1100–0500Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 127.075 (0500–1100Z‡) ctc Cleveland ARTCC at 440–774–0227.
CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
TIDIOUTE (L) DME 117.6 TDT Chan 123 N41°42.78′ W79°25.04′ 319° 15.4 NM to fld. 1710.
DME unusable:
041°–051° byd 30 NM blo 4,000′
305°–340° byd 24 NM blo 3,500′
340°–005° byd 24 NM blo 5,000′

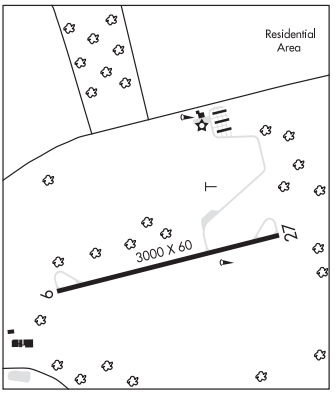


COVE VALLEY (See WILLIAMSBURG on page 316)

CRESCO

ROCKY HILL (48P) 1 SE UTC–5(–4DT) N41°08.91′ W75°16.52′ **NEW YORK**
1240 NOTAM FILE IPT
RWY 09–27: 1000X100 (TURF)
RWY 09: Thld dsplcd 130′. Trees.
RWY 27: Thld dsplcd 80′. Trees.
AIRPORT REMARKS: Unattended. Deer and wildlife on and invof arpt. Announce tfc on—CTAF 122.9.
AIRPORT MANAGER: 570-595-2269
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

DANVILLE (8N8) 3 SW UTC–5(–4DT) N40°56.90′ W76°38.64′ **NEW YORK**
559 B NOTAM FILE IPT **L–30J**
RWY 09–27: H3000X60 (ASPH) MIRL 0.4% up E **IAP**
RWY 09: Trees.
RWY 27: Trees.
SERVICE: S4 **LGT** Lighting NSTD. ACTVT MIRL Rwy 09–27 drg periods of darkness only—CTAF. Rwy 27 thld lgts dsplcd 365′ from rwy end for ngt displacement. Rwy end lgtd with two red lgts on left side (NSTD).
AIRPORT REMARKS: Attended irregularly. After hrs ctc 570–274–6190. Deer and wildlife on and invof arpt. Radio controlled airplane ops N of rwy. Main ramp no prop wash invof main hangar due to acft painting.
AIRPORT MANAGER: 570-274-6190
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WILKES–BARRE APP/DEP CON** 126.3
CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MILTON (L) (L) VORTACW 109.2 MIP Chan 29 N41°01.40′ W76°39.92′ 177° 4.6 NM to fld. 1000/9W.



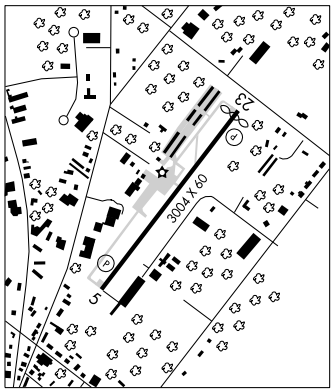
DECK (See MYERSTOWN on page 293)

DONEGAL SPRINGS AIRPARK (See MOUNT JOY/MARIETTA on page 291)

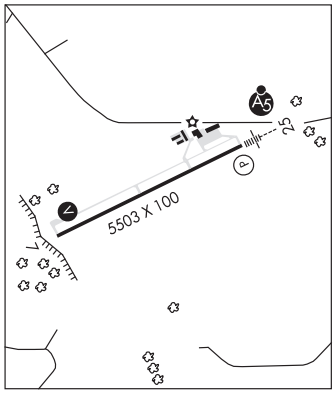
DOVER

LAZY B RANCH (ØP8) 3 E UTC–5(–4DT) N40°01.47′ W76°48.92′ **NEW YORK**
476 NOTAM FILE IPT
RWY 05–23: H2400X60 (ASPH–CONC) LIRL 1.3% up SW
RWY 23: Trees.
SERVICE: **LGT** For LIRL Rwy 05–23 key 122.9 five times.
AIRPORT REMARKS: Unattended. Ctc arpt manager 717–292–7029. Rwy CLSD dly SS–SR. Deer invof arpt. Rwy 05–23 large patches of conc on edges of rwy with sfc cracking and vegetation growth. Turf area parallel to Rwy 05–23, for taxi only.
AIRPORT MANAGER: 717-577-8827
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

DOYLESTOWN (DYL)(KDYL) 2 N UTC–5(–4DT) N40°19.98′ W75°07.34′ **NEW YORK**
394 B NOTAM FILE DYL **L–34G, A**
RWY 05–23: H3004X60 (ASPH) S–12 MIRL **IAP**
RWY 05: REIL. PAPI(P2L)—GA 3.04° TCH 40′. Trees.
RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Thld dsplcd 84′. Road.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 2 **LGT** ACTVT REIL Rwy 23; MIRL Rwy 05–23—CTAF. MIRL Rwy 05–23 opr consly SS–SR.
NOISE: Noise abatement procedures in effect, ctc arpt manager 215–340–0707.
AIRPORT REMARKS: Attended 1200Z‡–dusk. Deer, geese and other wildlife on and invof rwy. No svcs avbl Christmas, New Years and Thanksgiving. Rwy 05 is used for crosswind and calm wind rwy. Rwy 23 apch ratio 20:1 to dthr.
AIRPORT MANAGER: 215-340-0707
WEATHER DATA SOURCES: ASOS 118.875 (215) 345–0392.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **PHILADELPHIA APP/DEP CON** 123.8
CLNC DEL 118.55
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
YARDLEY (L) (L) VORW/DME 108.2 ARD Chan 19 N40°15.20′ W74°54.46′ 306° 11.0 NM to fld. 294/10W.
VOR unusable:
020°–040°
195°–225° byd 25 NM blo 5,000′
250°–265° blo 3,500′
266°–280° byd 20 NM blo 5,000′
281°–300° byd 14 NM blo 6,000′
DME unusable:
225°–275° byd 25 NM blo 5,000′



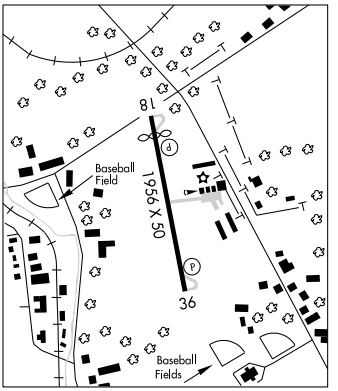
DUBOIS RGNL (DUJ)(KDUJ) 7 NW UTC–5(–4DT) N41°10.70′ W78°53.92′ **DETROIT**
1817 B TPA—See Remarks Class II, ARFF Index A NOTAM FILE DUJ **H–10H, 12I, L–30I**
RWY 07–25: H5503X100 (ASPH–GRVD) S–45, D–60, 2D–93 **IAP**
PCR 630 F/A/X/T HIRL
RWY 07: REIL. VASI(V2L)—GA 3.0° TCH 28′.
RWY 25: MALSR. PAPI(P4L)—GA 3.0° TCH 58′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 07: TORA–5503 TODA–5503 ASDA–5503 LDA–5503
RWY 25: TORA–5503 TODA–5503 ASDA–5503 LDA–5503
SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT HIRL Rwy 07–25, REIL and VASI Rwy 07, MALSR Rwy 25, twy lgts—CTAF. PAPI Rwy 25 on 24 hrs. Rwy 25 PAPI unusbl byd 8 deg right of rwy cntrln.
AIRPORT REMARKS: Attended Mon–Fri 1000–0500Z‡, Sat 1000–2300Z‡, Sun 1300–0500Z‡. Flocks of birds on and invof arpt. All sfcs WIP, grass cutting April thru Oct. Rwy and twy conds not mnt outside of nml atndnc hrs. TPA—2800(983). TPA for large turbine powered acft 3300(1483).
AIRPORT MANAGER: 814-328-5311
WEATHER DATA SOURCES: ASOS 119.025 (814) 328–5140.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **CLEVLAND CENTER APP/DEP CON** 126.725
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0234.
AIRSPACE: CLASS E svc 1025–0330Z‡ Mon–Fri, 1300–2300Z‡ Sat, 1300–0330Z‡ Sun; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
CLARION (DH) DME 113.85 CIP Chan 85(Y) N41°08.78′ W79°27.48′ 085° 25.4 NM to fld. 1520.
ILS 109.9 I–DUJ Rwy 25. Class IE.



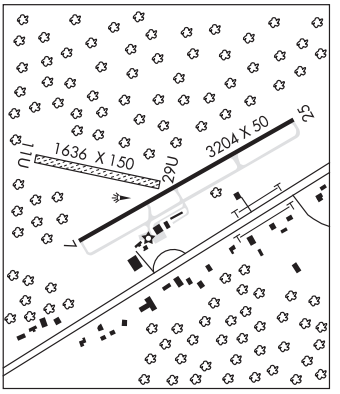
EAST TEXAS N40°34.86′ W75°41.04′ NOTAM FILE IPT. **NEW YORK**
(L) (L) VORW/DME 110.2 ETX Chan 39 103° 9.0 NM to Allentown Queen City Muni. 741/9W. **H–10I, L–30K, 34G**
VOR unusable:
255°–265°

EASTON

BRADEN AIRPARK (N43) 3 N UTC–5(–4DT) N40°44.53′ W75°14.58′ **NEW YORK**
397 B NOTAM FILE IPT **L–33A, 34H**
RWY 18–36: H1956X165 (ASPH–TURF) LIRL(NSTD) 0.5% up N **IAP**
RWY 18: PAPI(P2L)—GA 3.0° TCH 33′. Thld dsplcd 192′. Trees.
RWY 36: PAPI(P2R)—GA 3.0° TCH 33′. Trees.
SERVICE: S2 **FUEL** 100LL **LGT** Rwy 18–36 NSTD LIRL, lgts spaced at 400′ intervals.
AIRPORT REMARKS: Attended 1300–2130Z‡. Rwy 18–36 1956 ft by 50 ft asph aligned in center of 165 ft turf strip. Acft may not be visible on all parts of fld. 24 hr self serve fuel avbl.
AIRPORT MANAGER: 610-231-5270
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **ALLENTOWN APP/DEP CON** 119.65 (3000′ and blo) 124.45 (abv 3000′)
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.
RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.
ALLENTOWN (L) (L) VORTACW 117.5 FJC Chan 122 N40°43.60′ W75°27.28′ 094° 9.7 NM to fld. 681/10W.
TACAN AZIMUTH & DME unusable:
061°–299° byd 30 NM blo 4,000′
300°–060° byd 26 NM blo 4,500′
VOR unusable:
021°–189° byd 10 NM
190°–260° blo 9,000′
190°–260° byd 24 NM
261°–306° byd 9 NM blo 4,000′
307°–349°
350°–020° blo 3,500′
350°–020° byd 33 NM blo 4,000′



EBENSBURG (9G8) 3 SW UTC–5(–4DT) N40°27.68′ W78°46.52′ **DETROIT**
2099 B NOTAM FILE AOO **L–29D**
RWY 07–25: H3204X50 (ASPH) S–12.5 MIRL 0.6% up NE **IAP**
RWY 07: Trees.
RWY 25: Trees.
RWY 11U–29U: 1636X150 (TURF–DIRT) 1.9% up E
RWY 29U: Tree.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 07–25 and twy lgts—CTAF.
AIRPORT REMARKS: Attended irregularly. 24 hr self–serve fuel avbl. Deer on and invof arpt. Rwy 11U–29U for ultralight use only. Rwy 11U–29U rwy boundary marked with yellow cones. Barrels are rusting and grass covered. Rwy 07–25 BSC rwy markings.
AIRPORT MANAGER: 202-262-6593
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200–0400Z‡) or ctc 814–532–5960.
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡) or ctc Cleveland ARTCC at 440–774–0234.
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
REVLOC (DH) DME 114.75 REC Chan 94(Y) N40°32.79′ W78°44.82′ 194° 5.3 NM to fld. 2340.



EIGHTY FOUR

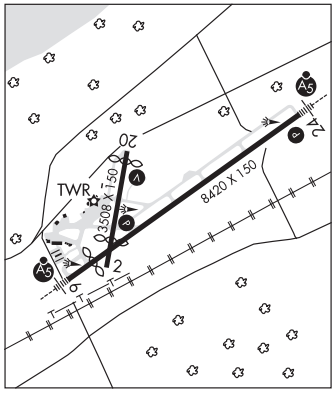
BANDEL (22D) 3 SE UTC–5(–4DT) N40°07.84′ W80°05.77′ **DETROIT**
1210 NOTAM FILE AOO
RWY 01–19: 2260X100 (TURF–DIRT) 0.3% up N
RWY 01: Hill.
RWY 19: Trees.
AIRPORT REMARKS: Attended irregularly. PAEW adj Rwy 01–19 indefly. 250 ft high terrain 3450 ft north of Rwy 19. Rwy 01–19 marked with flush white bucket lids boundary markers. Rwy 01 150 ft dthr mkd with flush orange bucket lids. Rwy 19 1330 ft dthr mkd with flush orange bucket lids. Rwy not maintained durg winter months.
AIRPORT MANAGER: 412-877-4584
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591.

ELLWOOD CITY N40°49.50′ W80°12.69′ NOTAM FILE AOO. **DETROIT**
(VH) (H) VORW/DME 115.8 EWC Chan 105 257° 8.8 NM to Beaver Co. 1227/8W. **H–10H, L–29C**
VOR unusable:
285°–335°

ENOLA N40°14.78′ W76°54.04′ NOTAM FILE MDT. **NEW YORK**
NDB (LOMW) 204 MD 128° 7.1 NM to Harrisburg Intl. 461/11W.

ERIE

ERIE INTL/TOM RIDGE FLD (ERI)(KERI) 5 SW UTC–5(–4DT) N42°04.99′ W80°10.44′ **DETROIT**
732 B LRA ARFF Index—See Remarks NOTAM FILE ERI **H–10H, L–30H**
RWY 06–24: H8420X150 (ASPH–GRVD) S–114, D–161, 2S–124, 2D–264 PCR 670 F/D/X/T HIRL **IAP, AD**
RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 54′. RVR–TR Thld dsplcd 919′. Railroad.
RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. RVR–TR Trees.
RWY 02–20: H3508X150 (ASPH) S–50, D–60, 2D–150 MIRL No Part 121/Part 380 Ops
RWY 02: Thld dsplcd 817′. Railroad.
RWY 20: VASI(V4L)—GA 4.0° TCH 69′. Thld dsplcd 306′. Road.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 24	02–20	6550

RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–3508 TODA–3508 ASDA–3337 LDA–2520
RWY 06: TORA–8420 TODA–8420 ASDA–8420 LDA–7501
RWY 20: TORA–3508 TODA–3508 ASDA–3208 LDA–2902
RWY 24: TORA–8420 TODA–8420 ASDA–7500 LDA–7500
SERVICE: S2 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** When twr clsd ACTIVATE MALSR Rwy 06 and Rwy 24, PAPI Rwy 06 and Rwy 24, HIRL Rwy 06–24, VASI Rwy 20, MIRL Rwy 02–20 and twy lgts—CTAF. Rwy 06 MALSR unmonitored. Rwy 24 MALSR unmonitored. Lgtd supplemental windcone located at north side Rwy 24 1000′ west AER.
AIRPORT REMARKS: Attended Mon–Fri 1000–0400Z‡, Sat–Sun 1000–0300Z‡. Birds on and invof arpt. Class I, ARFF Index B. Index C avail upon request. Extensive non–radio and ultralight acft opr 3.5–5 NM southwest of arpt at or blo 700′ AGL May 1–Oct 31 annually SR–SS. Ramp usage fee for acft clearing customs. Fee based on acft wgt, ctc aprt for fee sked. Flight Notification Service (ADCUS) available, prior reservation required, phone 814–833–1355.
AIRPORT MANAGER: 814-833-4258
WEATHER DATA SOURCES: ASOS 120.35 (724) 252–2105.
COMMUNICATIONS: CTAF 118.1 **ATIS** 120.35 **UNICOM** 122.95
Ⓡ **BUFFALO APP/DEP CON** 121.0 (1100–0500Z‡)
Ⓡ **CLEVLAND CENTER APP/DEP CON** 127.075 (0500–1100Z‡) or ctc Cleveland ARTCC at 440–774–0227.
TOWER 118.1 (1100–0500Z‡) **GND CON** 121.9 **CLNC DEL** 126.8
CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.
AIRSPACE: CLASS D svc 1100–0500Z‡; other times CLASS E.
TRSA svc ctc BUFFALO **APP CON** within 20 NM
RADIO AIDS TO NAVIGATION: NOTAM FILE ERI.
(L) TACAN Chan 31 ERI (109.4) N42°01.04′ W80°17.56′ 059° 6.6 NM to fld. 797/6W.
TACAN AZIMUTH unusable:
076°–109° byd 30 NM blo 5,000′
110°–180° byd 25 NM blo 5,000′
181°–249° byd 30 NM blo 5,000′
250°–274° byd 20 NM
295°–315° byd 35 NM blo 3,000′
DME unusable:
076°–109° byd 30 NM blo 5,000′
110°–180° byd 25 NM blo 5,000′
181°–249° byd 30 NM blo 5,000′
250°–274° byd 20 NM
295°–315° byd 35 NM blo 3,000′
ILS/DME 110.3 I–ERI Chan 40 Rwy 06. Class IE. Unmonitored when ATCT closed.
ILS/DME 110.3 I–AWY Chan 40 Rwy 24. Class ID.

PRESQUE ISLE SPB (E75) 3 NW UTC–5(–4DT) N42°10.26′ W80°06.70′ **DETROIT**
571 NOTAM FILE AOO
WATERWAY 06W–24W: 2830X200 (WATER)
WATERWAY 24W: Rgt tfc.
SERVICE: **FUEL** MOGAS
SEAPLANE REMARKS: Fuel avbl Apr to Oct. Clsd durg winter months.
AIRPORT MANAGER: 814-397-7974
COMMUNICATIONS: CTAF 122.9

PRESQUE ISLE BAY SPB (C28) 1 NW UTC–5(–4DT) N42°08.85′ W80°06.03′ **DETROIT**
571 NOTAM FILE AOO
WATERWAY 06–24: 3027X200 (WATER)
WATERWAY 24: Rgt tfc.
SERVICE: **FUEL** MOGAS **FUEL** MOGAS
SEAPLANE REMARKS: MOGAS: Fuel avbl Apr to Oct. Clsd durg winter months.
AIRPORT MANAGER: 814-397-7974
COMMUNICATIONS: CTAF 122.9

THERMAL–G (Ø3G) 3 W UTC–5(–4DT) N42°01.24′ W80°04.24′ **DETROIT**
1434 NOTAM FILE AOO
RWY 07–25: 1264X110 (TURF) 1.0% up E
RWY 07: Rgt tfc.
AIRPORT REMARKS: Attended continuously. Glider ops on the arpt. Rwy 07–25 NSTD markings, rwy marked with white tires. Turf with topsoil base can be soft; call for condition. 945′ turf twy on east end of rwy. 1,000′ turf twy on west end of rwy. Circular hot air balloon launching pad radio controlled model airplane circle.
AIRPORT MANAGER: 814-866-1131
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

ERWINNA

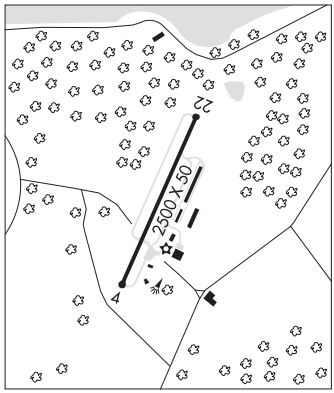
VANSANT (9N1) 2 SW UTC–5(–4DT) N40°29.06′ W75°05.98′ **NEW YORK**
390 TPA—See Remarks NOTAM FILE IPT
RWY 07–25: 3058X120 (TURF)
RWY 07: Thld dsplcd 365′. Road.
RWY 25: Tree.
RWY 05G–23G: 1340X200 (TURF)
SERVICE: S4 **FUEL** 100LL
AIRPORT REMARKS: Attended 1330–2200Z‡. Arpt CLOSED dusk to dawn. Deer on and invof arpt. Rwy 05 landings and takeoffs prohibited. Arpt clsd to transient traffic Dec thru Apr. Heavy glider tfc. Glider TPA–1190(800), Power Plane TPA–1390(1000). Power plane tfc remain outside glider tfc pat and avoid flying directly over arpt. Gliders occasionally use power plane rwy for ldng to the West. Rwy 23 based acft use only. Rwy 07–25 mkd with white tires; dsplcd thld mkd with white tires. Powered prcht ops not permitted.
AIRPORT MANAGER: 610-847-8494
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

ESSINGTON

PHILADELPHIA SPB (9N2) 1 S UTC–5(–4DT) N39°51.54′ W75°17.98′ **WASHINGTON**
00 TPA—300(300) NOTAM FILE IPT
WATERWAY 11W–29W: 9100X250 (WATER)
WATERWAY 11W: Rgt tfc.
SEAPLANE REMARKS: Unattended. Call 610–521–3530 prior to arrival. No night ops. Check Philadelphia TAC chart for ldg area. Transient tfc ctc Philadelphia App Con for tfc advisories. Debris invof gravel ramp.
AIRPORT MANAGER: 610-521-3530
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

FACTORYVILLE

SEAMANS FLD (9N3) 2 N UTC–5(–4DT) N41°35.36′ W75°45.36′ **NEW YORK**
1209 B NOTAM FILE IPT **L–30K, 33A**
RWY 04–22: H2500X50 (ASPH) LIRL **IAP**
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Attended 1400–2200Z‡. For svc aft hrs ctc 570–945–5125.
AIRPORT MANAGER: 570-945-5125
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**WILKES–BARRE APP/DEP CON** 120.95
CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
WILKES–BARRE (L) (L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 001° 19.2 NM to fld. 2118/10W.
VOR unusable:
290°–305° byd 15 NM blo 6,000′



FAIRFIELD

MID ATLANTIC SOARING CENTER (W73) 2 SE UTC–5(–4DT) N39°45.42′ W77°21.08′ **WASHINGTON**
573 NOTAM FILE IPT
RWY 15–33: H2700X50 (ASPH) S–12.5, D–12.5
RWY 15: Trees.
RWY 33: Thld dsplcd 900′. Trees. Rgt tfc.
AIRPORT REMARKS: Attended Sat–Sun dalgt hrs. Unattended Mon–Fri. Attnd Sat–Sun and fed hol durg dalgt hrs when wx permits. Arpt clsd to ngt opns. Arpt ops rstd, IAW TFR rules, when P–40 expanded to 10 NM radius. Rwy 15 CLSD for apch and lndg. Extreme caution: all tkofs use Rwy 15. All apchs and lndgs use Rwy 33. Rotocraft air and hover taxi rstd to rwy. Extsv gldr gnd and flt opns. Gliders occasionally lnd on turf area adjacent to Rwy 15–33. Rwy 15 not mkd with thld or mag hdg. Rotocraft exercise extreme ctn at N end of rwy due to glider gnd opns.
AIRPORT MANAGER: 770-540-5503
COMMUNICATIONS: CTAF 123.3
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.
COMM/NAV/WEATHER REMARKS: Multicom 123.3 used during glider activity.

FARMERS PRIDE (See FREDERICKSBURG on page 277)

FINLEYVILLE AIRPARK (GØ5) 1 SW UTC–5(–4DT) N40°14.73′ W80°00.59′ **DETROIT L–29C IAP**

1236 B TPA—See Remarks NOTAM FILE AOO

RWY 14–32: H2497X50 (ASPH) LIRL 1.2% up NW

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE LIRL—CTAF. After 0500Z‡ ACTIVATE rotating bcn—CTAF.

AIRPORT REMARKS: Attended irregularly. Deer on and invof rwy. Terrain falls off rapidly off apch end Rwy 14; terrain rises off apch end Rwy 32. Lmtd sight dist down rwy due to hump near app end of Rwy 14. Tran pilots advised to check rwy condition prior to use during winter months. Ultralights avoid overflying houses northeast of arpt. Helicopters follow fixed wing tfc pat. Rwy 14–32 ultralights fly rgt tfc. TPA ultralights 1736(500). Parl twy marked with reflectors. No acft parking on SE portion of parl twy next to hangars 16, 17, and 18. Rwy 14–32 ends not mutually vsb.

AIRPORT MANAGER: (412) 580-8932

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PITTSBURGH APP/DEP CON** 119.35

CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

ALLEGHENY (L) (L) VORW/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 153° 2.4 NM to fld. 1285/9W.

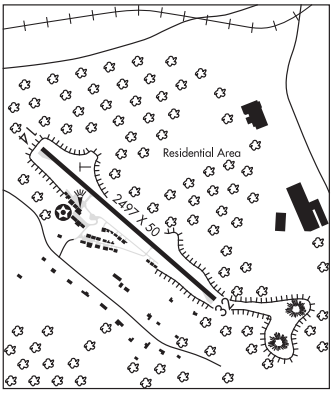
VOR unusable:

036°–059° byd 10 NM blo 7,000′

071°–175°

226°–261° byd 10 NM

300°–310°



FLYING DOLLAR (See CANADENSIS on page 266)

FLYING M AERODROME (See GERMANSVILLE on page 278)

FORT INDIANTOWN GAP (See MUIR AHP (FORT INDIANTOWN GAP) on page 292)

FRANKLIN

VENANGO RGNL (FKL)(KFKL) 2 SW UTC–5(–4DT) N41°22.65′ W79°51.64′ **DETROIT H–10H, L–30H IAP**

1540 B ARFF Index—See Remarks NOTAM FILE FKL

RWY 03–21: H5200X150 (ASPH–GRVD) S–40, D–70, 2S–89 PCR 200 F/D/X/T HIRL

RWY 03: PAPI(P4L)—GA 3.0° TCH 45′. Pole.

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. Trees.

RWY 12–30: H3593X100 (ASPH) S–67, D–105, 2S–133 PCN 27 R/B/X/U MIRL No Part 121/Part 380 Ops

RWY 12: Trees.

RWY 30: PAPI(P4L)—GA 3.0° TCH 41′.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA–5200 TODA–5200 ASDA–5200 LDA–5200

RWY 12: TORA–3593 TODA–3593 ASDA–3593 LDA–3593

RWY 21: TORA–5200 TODA–5200 ASDA–5200 LDA–5200

RWY 30: TORA–3593 TODA–3593 ASDA–3593 LDA–3593

SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE HIRL Rwy 03–21, MALSR Rwy 21, MIRL Rwy 12–30, PAPI Rwy 03, Rwy 21, and Rwy 30 and twy lgts—CTAF.

AIRPORT REMARKS: Attended Mon–Fri 1230–2300Z‡, Sat and Sun 1230–2100Z‡. Deer and birds on and in vicinity of arpt. Class II, ARFF Index A. Index B ARFF equip avbl. All sfcs WIP; grass cutting Apr–Oct. Rwy/twy/apn conds not mnt outside hrs of opn. 100LL self–serve fuel avbl to acft with 42 ft max wingspan. Enter/exit area south of arpt T–hngr. PPR 24 hrs for ACR ops with more than 30 psgr seats call amgr manager 814–432–5333 or 814–758–8002. Ldg fee for acft over 6000 lbs gross weight.



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRPORT MANAGER: 814-432-5333
WEATHER DATA SOURCES: AWOS–3PT 118.175 (814) 437–2066.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **YOUNGSTOWN APP CON** 126.25 (1100–0500Z‡) or ctc 330–856–4806.
Ⓡ **YOUNGSTOWN DEP CON** 133.95 (1100–0500Z‡) CLNC DEL 126.25
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 (0500–1100Z‡) or ctc Cleveland ARTCC at 440–774–0234.
CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806, when Apch clsd ctc Cleveland ARTCC at 440-774-0234.
AIRSPACE: CLASS E svc Mon–Fri 1030–0330Z‡; Sat 1030–1430Z‡; Sun 2330–0330Z‡; other times CLASS G..
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
CLARION (DH) DME 113.85 CIP Chan 85(Y) N41º08.78´ W79º27.48´ 307º 22.9 NM to fld. 1520.
FRANKLIN (L) VORW 109.6 FKL N41º26.31´ W79º51.40´ 189º 3.7 NM to fld. 1528/6W. NOTAM FILE FKL.
VOR unusable:
140º–207º byd 20 NM blo 9,000´
248º–291º blo 4,000´
355º–005º blo 4,000´
ILS 110.5 I–FKL Rwy 21. Class IB. Unmonitored Sat 0100Z‡–Sun 1200Z‡.

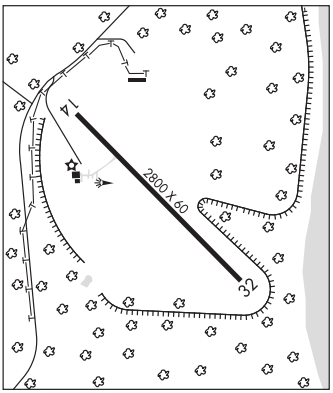
FRANKLIN CO RGNL (See CHAMBERSBURG on page 267)

FREDERICKSBURG

FARMERS PRIDE (9N7) 0 W UTC–5(–4DT) N40º26.57´ W76º26.50´ **NEW YORK**
495 B NOTAM FILE IPT
RWY 10–28: 3410X150 (TURF) RWY LGTS(NSTD)
RWY 10: Thld dsplcd 504´. Tree.
RWY 28: Thld dsplcd 590´. Tree.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 10–28 on CTAF—122.9. ACTIVATE rotating bcn CTAF—122.9.
AIRPORT REMARKS: Attended 1400–2200Z‡. Only fuel avbl to tran acft is emerg fuel. Rwy 10–28 turf rwy marked by yellow tires/white lgts. Rwy 28 dsplcd thlds marked by 6 split red/green lgts. Dsplcd thlds marked by 6 split red/green lgts. Dsplcd thld lgts–3 green ldg, 1 green roll–out. Orange 6´ tetrahedron next to the windsock on the S side of the rwy.
AIRPORT MANAGER: (717) 507-0303
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

FREEPORT

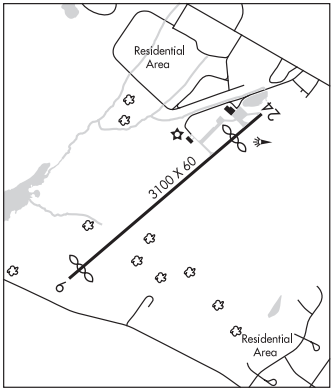
MCVILLE (6P7) 7 NE UTC–5(–4DT) N40º44.07´ W79º35.74´ **DETROIT L–29C IAP**
1105 B NOTAM FILE AOO
RWY 14–32: H2800X60 (ASPH) MIRL
RWY 14: Trees.
SERVICE: S4 **FUEL** 100LL, MOGAS **LGT** For MIRL Rwy 14–32 call 412–418–3703.
AIRPORT REMARKS: Attended 1300–2200Z‡. Alternate phone 412–418–3703. MOGAS is 89 octane. Rwy 14–32 CLOSED dly SS–SR exc 2 hr PPR 412–418–3703.
AIRPORT MANAGER: 724-335-0390
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200–0400Z‡, other times ctc)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0234.
RADIO AIDS TO NAVIGATION: NOTAM FILE JST.
JOHNSTOWN (L) (L) VORW/DME 113.0 JST Chan 77 N40º19.00´ W78º50.05´ 312º 42.9 NM to fld. 2279/6W.
VOR unusable:
088º–102º byd 25 NM
120º–135º byd 25 NM



GERMANSVILLE

FLYING M AERODROME (P91) 2 N UTC–5(–4DT) N40°44.25′ W75°42.33′ **NEW YORK**
735 NOTAM FILE IPT
RWY 08–26: 2380X100 (TURF) 0.4% up E
RWY 08: Tree.
RWY 26: Thld dsplcd 300′. Road.
SERVICE: S2
AIRPORT REMARKS: Attended irregularly. Rwy 08–26 mkd with white cones. Rwy 26 dthr mkd with white cones.
AIRPORT MANAGER: 610-248-8190
COMMUNICATIONS: CTAF/UNICOM 122.725
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

GETTYSBURG RGNL (WØ5) 2 W UTC–5(–4DT) N39°50.48′ W77°16.48′ **WASHINGTON**
553 B NOTAM FILE IPT **L–29E, 34F, A**
RWY 06–24: H3100X60 (ASPH) MIRL 0.4% up NE **IAP**
RWY 06: Thld dsplcd 165′. Road.
RWY 24: Thld dsplcd 539′. Pole.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Unattended. Deer and birds invof arpt.
AIRPORT MANAGER: 717-948-3900
COMMUNICATIONS: CTAF 122.9
Ⓡ **POTOMAC APP/DEP CON** 126.825
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
WESTMINSTER (VH) (H) VORTACW 117.9 EMI Chan 126 N39°29.70′ W76°58.71′ 335° 24.9 NM to fld. 820/8W.
VOR unusable:
009°–056° byd 40 NM
128°–161° byd 20 NM blo 6,500′
221°–231° blo 4,500′
221°–231° byd 13 NM blo 16,000′
241°–251°
271°–286°
286°–294° byd 40 NM
295°–334° blo 5,500′
TACAN AZIMUTH unusable:
030°–055°
241°–251°
281°–030° byd 35 NM blo 3,000′
DME unusable:
030°–055°
241°–251°
281°–030° byd 35 NM blo 3,000′



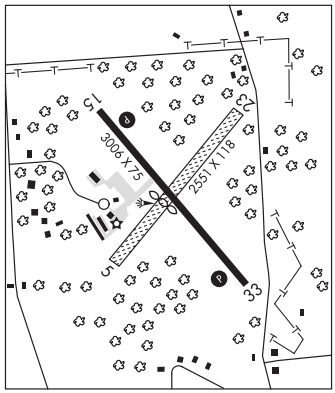
GRAND CANYON RGNL (See WELLSBORO on page 314)

GREATER BREEZEWOOD RGNL (See BREEZEWOOD on page 264)

GREENE CO (See WAYNESBURG on page 313)

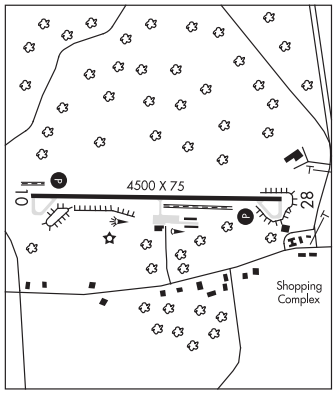
GREENSBURG JEANNETTE RGNL (See JEANNETTE on page 283)

GREENVILLE MUNI (4G1) 3 N UTC–5(–4DT) N41°26.81′ W80°23.47′ **DETROIT**
1206 B NOTAM FILE AOO **L–30H**
RWY 15–33: H3006X75 (ASPH) S–12.5 MIRL 1.4% up SE **IAP**
RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 40′.
RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 44′. Trees.
RWY 05–23: 2551X118 (TURF) 0.5% up SW
RWY 05: Thld dsplcd 984′. Trees.
RWY 23: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 15–33; REIL Rwy 15 and Rwy 33 and PAPI Rwy 15 and Rwy 33—CTAF.
AIRPORT REMARKS: Attended Mon–Sat 1400Z‡–dusk. Unattended Thanksgiving, Christmas, New Years Day and Sundays. Self–svc fuel avbl. Deer and birds on and invof arpt. PAEW on and invof arpt. Rwy 15–33 uneven pavement 100′ down rwy 15 and 200′ down Rwy 33. Rwy 05–23 marked with yellow cones. Rwy 05 dsplcd thld marked with yellow cones.
AIRPORT MANAGER: 724-588-1665
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 (0500–1100Z‡) or ctc Cleveland ARTCC at 440–774–0227.
CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.



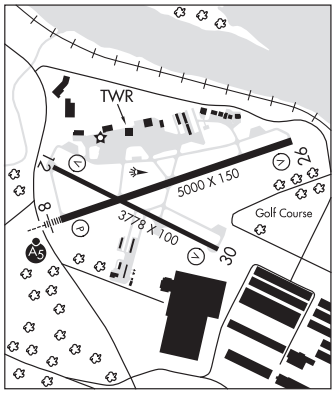
GRIMES (See BETHEL on page 263)

GROVE CITY (29D) 3 W UTC–5(–4DT) N41°08.76′ W80°10.07′ **DETROIT**
1371 B NOTAM FILE AOO **L–30H**
RWY 10–28: H4500X75 (ASPH) S–12.5 MIRL 1.6% up W **IAP**
RWY 10: REIL. PAPI(P2L)—GA 3.8° TCH 37′. Trees.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 56′.
SERVICE: **FUEL** 100LL, JET A, A+ **LGT** ACTVT PAPI Rwy 10 and 28; MIRL Rwy 10–28–CTAF. Rwy 10 PAPI unusbl byd 5 deg L of rwy cntrln. Twy lgts stub to apron.
AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡. Unattended Thanksgiving, Christmas and New Years Day. 24 hr fuel avbl with credit card. Jet–A anti–ice inhibitor avbl on req. Deer and geese on and invof arpt. Parachute Jumping. Avoid overflying fld during dalgt VFR because of PAJA NW corner of fld. Drainage ravine 15 ft deep lctd in safety area N of Rwy 10. Portable ground power unit avbl.
AIRPORT MANAGER: 724-748-5530
WEATHER DATA SOURCES: AWOS–AV 122.725.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 (0500–1100Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806, when Apch clsd ctc Cleveland ARTCC at 440-774-0234.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ELLWOOD CITY (VH) (H) VORW/DME 115.8 EWC Chan 105 N40°49.50′ W80°12.69′ 014° 19.4 NM to fld. 1227/8W.
VOR unusable:
285°–335°



HARRISBURG

CAPITAL CITY (CXY)(KCXY) 3 SE UTC–5(–4DT) N40°13.03´ W76°51.08´ **NEW YORK**
347 B TPA—See Remarks NOTAM FILE CXY **H–10H, 12J, L–29E, 34G, A**
RWY 08–26: H5000X150 (ASPH–GRVD) S–65, D–105, 2S–133, 2D–185 HIRL **IAP, AD**
RWY 08: MALSR. PAPI(P4R)—GA 3.0° TCH 55´. RVR–T Trees.
RWY 26: VASI(V4L)—GA 3.1° TCH 56´. Pole. Rgt tfc.
RWY 12–30: H3778X100 (ASPH) S–40, D–65, 2S–82, 2D–115 MIRL 0.3% up SE
RWY 12: VASI(V4L)—GA 3.9° TCH 49´. Trees. Rgt tfc.
RWY 30: VASI(V4L)—GA 4.0° TCH 56´.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 26	12–30	3450

SERVICE: S4 **FUEL** 100LL, JET A **LGT** When twr clsd ACTIVATE MALSR Rwy 08, HIRL Rwy 08–26, MIRL Rwy 12–30 and twy lgts—CTAF. Rwy 08 PAPI unusbl byd 7° right of course.

AIRPORT REMARKS: Attended 1100–0400Z‡. Bird flocks on and invof arpt. Arpt CLOSED to FAR PART 121 acft. PPR for hazardous cargo. All rwys for loads over 100,000 lbs prior permission rqr. Active twy prior to Rwy 12 relocated thld, no tkf or ldg on this sfc. High terrain south Rwy 12–30. TPA 1500(1153) conventional. USE CAUTION: Due to proximity and rwy almnt, aircrews have mistaken MDT Rwy 13–31 for CXY Rwy 12–30 which is 4 NM W. NOTE: See Special Notices—Arrival Alert

AIRPORT MANAGER: 717-774-8335

WEATHER DATA SOURCES: ASOS (717) 216–0264 LAWRS.

COMMUNICATIONS: CTAF 119.5 **ATIS** 134.95 **UNICOM** 122.95
CAPITAL CITY RCO 122.2 (WILLIAMSPORT RADIO)
Ⓡ **HARRISBURG APP/DEP CON** 124.1
TOWER 119.5 (1200–0200Z‡) **GND CON** 121.9 **CLNC DEL** 124.1 (when twr clsd)

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Harrisburg Apch 124.1 or 800-932-0712.

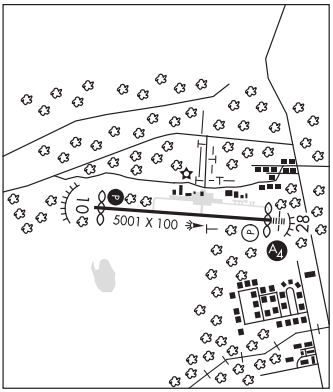
AIRSPACE: CLASS D svc 1200–0200Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.
LANCASTER (L) (L) VORW/DME 117.3 LRP Chan 120 N40°07.20´ W76°17.48´ 292° 26.4 NM to fld. 399/9W.
VOR unusable:
195°–273° byd 21 NM blo 9,000´
DME unusable:
180°–190°
320°–030° byd 31 NM blo 8,000´
ILS 109.1 I–CXY Rwy 08. Class IB. LOC unusable byd 30° r of course.

HARRISBURG INTL (MDT)(KMDT) P (ANG) 8 SE UTC–5(–4DT) N40°11.59′ W76°45.76′ **NEW YORK**
310 B TPA—See Remarks LRA Class I, ARFF Index B NOTAM FILE MDT **H–10H, 12J, L–29E, 34G, A**
RWY 13–31: H10001X200 (ASPH–GRVD) S–155, D–330, 2S–175, 2D–550 PCR 800 F/C/X/T **IAP, AD**
HIRL CL
RWY 13: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 75′. RVR–TMR Thld dsplcd 993′. Pole.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 51′. RVR–TMR Thld dsplcd 993′. Trees. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 13: TORA–10001 TODA–10001 ASDA–9063 LDA–8070
RWY 31: TORA–10001 TODA–10001 ASDA–9122 LDA–8129
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 4 **MILITARY— FUEL** A, A+ (C717–944–4666) (NC–100LL) **FLUID** LOX **OIL** O–128(Mil)
AIRPORT REMARKS: Attended continuously. Bird flocks on and invof arpt. Bird watch cond Phase 1 (Dec–Feb & May–Jul) inidicated lgt bird act. Phase 2 (Aug–Nov & Mar–Apr) indicates hvy bird act nml associated with migratory season. Cargo ramp clsd to tsnt acft without prior permission, call amgr 717–948–3919. No touch and go ldgs 0400–1100Z‡. TPA—1300(990) props, 1800(1490) jets. Cargo apron parking spot 9 clsd to acft with a wingspan of more than 52 ft. USE CAUTION: Due to proximity and rwy almnt, aircrews have mistaken CXY Rwy 12–30 for MDT Rwy 13–31 which is 4 NM E. Cold temperature airport. Altitude correction required at or below –16C. Rwy 13–31 PIR and mil assault ldg zone mkgs. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Arrival Alert.
AIRPORT MANAGER: 717-948-3900
WEATHER DATA SOURCES: ASOS (717) 944–1372 WSP.
COMMUNICATIONS: ATIS 118.8
Ⓡ **HARRISBURG APP/DEP CON** 118.25 (330°–079°) 124.1 (180°–329°) 126.45 (080°–179°)
HARRISBURG INTL TOWER 124.8 **GND CON** 121.7
AIRSPACE: CLASS C svc ctc **APP CON**.
VOR TEST FACILITY (VOT) 110.0
RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.
LANCASTER (L) (L) VORW/DME 117.3 LRP Chan 120 N40°07.20′ W76°17.48′ 291° 22.1 NM to fld. 399/9W.
VOR unusable:
195°–273° byd 21 NM blo 9,000′
DME unusable:
180°–190°
320°–030° byd 31 NM blo 8,000′
ENOLA NDB (LOMW) 204 MD N40°14.78′ W76°54.04′ 128° 7.1 NM to fld. 461/11W. NOTAM FILE MDT.
ILS 110.9 I–MDT Rwy 13. Class IIIE. LOM ENOLA NDB. LOC unusable above 1,800′ at thld; above 4,800′ byd OM (6.4 NM).
ILS 110.9 I–HQA Rwy 31. Class IB. Unmonitored when ATCT clsd.

HARRISBURG N40°18.13′ W77°04.17′ NOTAM FILE CXY. **DETROIT**
(L) (H) VORTACW 115.35 HAR Chan 100(Y) 225° 8.4 NM to Carlisle. 1301/10W. **H–10H, L–29E, A**
VOR unusable:
069°–071°
084°–087° byd 20 NM blo 5,000′
084°–087° byd 30 NM
097°–107° byd 10 NM
116°–120° byd 25 NM blo 4,000′
276°–286° byd 20 NM blo 9,000′

HAZLETON RGNL (HZL)(KHZL) 2 NW UTC–5(–4DT) N40°59.21′ W75°59.68′ **NEW YORK**
1603 B NOTAM FILE IPT **H–10I, 12J, L–30K, 34G**
RWY 10–28: H5001X100 (ASPH–GRVD) S–47, D–74, 2S–94 MIRL **IAP**
RWY 10: REIL. PAPI(P4L)—GA 3.5° TCH 46′. Thld dsplcd 200′. Trees.
RWY 28: MALS. PAPI(P4L)—GA 3.17° TCH 40′. Thld dsplcd 103′. Tree. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: TORA–5001 TODA–5001 ASDA–5001 LDA–4801
RWY 28: TORA–5001 TODA–5001 ASDA–5001 LDA–4898
SERVICE: S2 **FUEL** 100LL, JET A **OX** 3 **LGT** ACTVT MALS Rwy 28; REIL Rwy 10; PAPI Rwy 10; MIRL Rwy 10–28 (3, 5, 7 clicks)—CTAF.
AIRPORT REMARKS: Attended Mon–Wed 1100–2100Z‡, Thu–Sun 1230–2100Z‡. Parachute Jumping. 100LL svc aft hrs by prior req 570–468–2479. Rwy 28 VFR departure procedure right turn heading 300° at end of rwy. Type 1 and 4 deicing avbl. Ldg fee, Jet, Turboprop and Corporate acft only.
AIRPORT MANAGER: (484) 661-8994
WEATHER DATA SOURCES: AWOS–3 119.975 (570) 459–4901.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **WILKES–BARRE APP/DEP CON** 126.3
CLNC DEL 121.7
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
WILKES–BARRE (L) (L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 229° 22.0 NM to fld. 2118/10W.
VOR unusable:
290°–305° byd 15 NM blo 6,000′
LOC/DME 110.5 I–HZL Chan 42 Rwy 28. LOC unusable abv 5,000′.
COMM/NAV/WEATHER REMARKS: AWOS avbl 570–459–4901.



HERITAGE FLD (See POTTSTOWN on page 301)

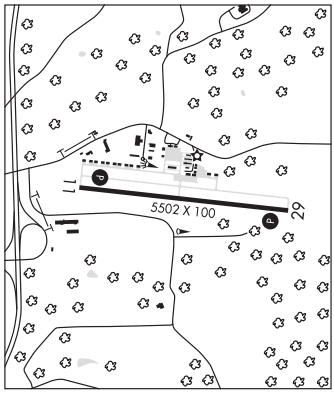
HONESDALE

CHERRY RIDGE (N3Ø) 3 S UTC–5(–4DT) N41°30.94′ W75°15.09′ **NEW YORK**
1357 B NOTAM FILE IPT **L–30K, 33A, 34H**
RWY 18–36: H2986X50 (ASPH) S–10 RWY LGTS(NSTD) 0.6% up N **IAP**
RWY 18: Thld dsplcd 519′. Tree.
RWY 36: Thld dsplcd 589′. Tree.
SERVICE: S4 **FUEL** 100LL
AIRPORT REMARKS: Attended 1400–2200Z‡.
AIRPORT MANAGER: 570-253-5833
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WILKES–BARRE APP/DEP CON** 120.95
CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
WILKES–BARRE (L) (L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 063° 24.6 NM to fld. 2118/10W.
VOR unusable:
290°–305° byd 15 NM blo 6,000′

HORSHAM VALLEY AIRWAYS INC HELIPORT (N48) 2 NW UTC–5(–4DT) N40°12.12′ W75°10.69′ **NEW YORK**
250 NOTAM FILE IPT
HELIPAD H1: H60X60 (ASPH)
SERVICE: **LGT** Helipad H1: flood lgts fm bldgs. Avbl upon req.
HELIPORT REMARKS: Unattended. For attendant call 215–674–2100. Avoid overflight of houses east and west. Rwy H1 ingress 240°, egress 060°.
AIRPORT MANAGER: 215-674-2100
COMMUNICATIONS: CTAF/UNICOM 123.075
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

INDIAN HEAD N39°58.45′ W79°21.50′ NOTAM FILE AOO. **CINCINNATI**
(L) TACAN 108.2 IHD Chan 19 272° 13.8 NM to Joseph A Hardy Connellsville. 2820/6W. **H–10H, L–29C**
TACAN AZIMUTH OTS indef

INDIANA CO/JIMMY STEWART FLD (IDI)(KIDI) 2 E UTC–5(–4DT) N40°37.86′ W79°06.09′ **DETROIT**
1419 B NOTAM FILE IDI **H–10H, 12I, L–29C**
RWY 11–29: H5502X100 (ASPH) HIRL 0.9% up E **IAP**
RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 42′. Trees.
RWY 29: PAPI(P4L)—GA 3.0° TCH 46′. Trees.
SERVICE: S2 **FUEL** 100LL, JET A, A+ **LGT** ACTVT REIL Rwy 11; PAPI Rwy 11 and Rwy 29; HIRL Rwy 11–29 and twys—CTAF.
AIRPORT REMARKS: Attended 1300–2100Z‡ Mon–Fri. Arpt atndnc after hrs by prior arngmt. Clsd major hol. Birds and deer on and invof arpt. 24 hr 100LL avbl with credit card. Ldg fee. Landing fee for fixed wing turbine acft waived with fuel purchase.
AIRPORT MANAGER: 724-463-3883
WEATHER DATA SOURCES: AWOS–3 126.625 (724) 388–0204.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
REVLOC (DH) DME 114.75 REC Chan 94(Y) N40°32.79′ W78°44.82′ 287° 17.0 NM to fld. 2340.



INTER CO (See IRWIN on page 283)

IRWIN

INTER CO (31D) 4 W UTC–5(–4DT) N40°20.00′ W79°46.75′ **DETROIT**
1250 NOTAM FILE AOO
RWY E–W: 1800X120 (TURF)
RWY E: Trees.
RWY W: Trees.
AIRPORT REMARKS: Attended irregularly. Deer on and invof arpt. Caution: Trees in apch path, use short fld tkof and ldg procedure. Ultralight activity on and invof arpt. Marked water tank approximately nine tenths of a mile east of arpt, unmarked cell twr near water tank and marked transmission line approximately 1460′ east of arpt. Fence approximately 4′ high along south side of Rwy W and extends approximately 500′ into the apch sfc. Turf rwy may be soft during spring thaw and wet periods. Call for current rwy conditions. Rwy E–W dog leg in rwy approximately 15°. Rwy E–W width varies 118′–178′. Rwy E marked with yellow cones. Rwy W marked with yellow cones. Rwy E–W 275′ unmarked safety area west end, 225′ unmarked safety area east end.
AIRPORT MANAGER: 412-751-9009
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591

JAKE ARNER MEML (See LEHIGHTON on page 287)

JEANNETTE

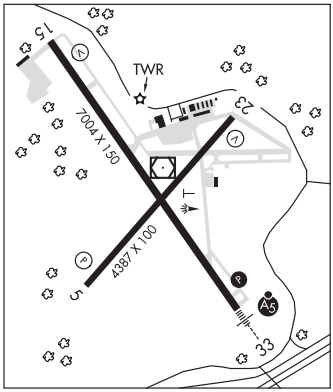
GREENSBURG JEANNETTE RGNL (5G8) 3 N UTC–5(–4DT) N40°22.58′ W79°36.53′ **DETROIT**
1188 B NOTAM FILE AOO **L–29C**
RWY 02–20: H2605X50 (ASPH) MIRL 0.6% up S
RWY 02: Hill. Rgt tfc.
SERVICE: **LGT** Arpt bcn opr dusk to 0600Z‡. ACTVT MIRL Rwy 02–20—CTAF. Rwy 02–20 no twy lgts. Non–std rwy lgt spacing. Non–std thr lgt spacing.
AIRPORT REMARKS: Attended Mon–Fri 1400–2200Z‡. Parachute Jumping. Rwy 02 open for tkof and lndg SR–SS, CLSD for lndg SS–SR. Deer and birds on and invof arpt with occasional rwy incursions. 240 ft hill/trees 4690 ft S of Rwy 02. Trrn drops off rapidly on both ends of rwy.
AIRPORT MANAGER: 724-744-2900
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591.
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
ALLEGHENY (L) (L) VORW/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 082° 20.7 NM to fld. 1285/9W.
VOR unusable:
036°–059° byd 10 NM blo 7,000′
071°–175°
226°–261° byd 10 NM
300°–310°

JERSEY SHORE (P96) 2 E UTC–5(–4DT) N41°12.39′ W77°13.55′ **DETROIT**
554 NOTAM FILE IPT
RWY 09–27: 3059X130 (TURF) 0.5% up W
RWY 09: Thld dsplcd 300′. Road.
RWY 27: Brush.
AIRPORT REMARKS: Attended on call. Deer on and invof arpt. Parl twy adj Rwy 09–27 clsd.
AIRPORT MANAGER: 570-321-1408
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

JOHN MURTHA JOHNSTOWN/CAMBRIA CO (See JOHNSTOWN on page 284)

JOHNSTOWN

JOHN MURTHA JOHNSTOWN/CAMBRIA CO (JST)(KJST) P (ANG ARNG AR) 3 NE UTC–5(–4DT) **DETROIT**
N40°18.93′ W78°50.08′ **H–10H, 12I, L–29D**
2284 B Class I, ARFF Index A NOTAM FILE JST **IAP, DIAP, AD**
RWY 15–33: H7004X150 (CONC–GRVD) S–93, D–183, 2D–357, 2D/2D2–845 PCR 630 R/B/W/T HIRL
RWY 15: VASI(V4L)—GA 3.0° TCH 52′. Trees.
RWY 33: MALSR. PAPI(P4R)—GA 3.0° TCH 53′. Trees.
RWY 05–23: H4387X100 (ASPH–GRVD) S–62, D–87, 2S–110 PCR 240 F/D/X/T MIRL
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 44′. Trees.
RWY 23: REIL. VASI(V4L)—GA 3.0° TCH 45′. Bldg.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–4387 TODA–4387 ASDA–4387 LDA–4387
RWY 15: TORA–7004 TODA–7004 ASDA–6698 LDA–6698
RWY 23: TORA–4387 TODA–4387 ASDA–4387 LDA–4387
RWY 33: TORA–7004 TODA–7004 ASDA–6484 LDA–6484
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** When twr clsd ACTVT MALSR Rwy 33, PAPI Rwy 33, HIRL Rwy 15–33, MIRL 05–23, and all twy lgts—CTAF. PAPI Rwy 05 unavbl when ATCT clsd.
MILITARY— FUEL A, A+ (1100–0400Z‡, C814–361–3500; OT 3 hr PN, C814–254–2425. $70 fee per occurrence.) (NC–100LL)



AIRPORT REMARKS: Attended 1200–0400Z‡. Deer and birds on and invof arpt. 48 hrs PPR for unscheduled air carriers ops with more than 30 passenger seats, call arpt manager 814–536–0002. Twy B between Rwy 05–23 and Twy B2 rstd to acft with wingspan 78 ft or less. Ldg fee.
MILITARY REMARKS: ARNG Rstd PPR 24 hr, call dur nml duty hrs 1300–2130Z‡ exc wkend and hol. Ctc Ops C814–532–7720. All tfc to ARNG military ramp ctc Keystone Ops: 138.55, 241.35, 46.75, ramp deconfliction 46.75.
AIRPORT MANAGER: 814-536-0002
WEATHER DATA SOURCES: ASOS (814) 535–3511
COMMUNICATIONS: CTAF 125.75 **ATIS** 118.325 **UNICOM** 122.95
Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 244.875 (1200–0400Z‡ or ctc 814–532–5960), other times ctc **CLEVELAND CENTER** 124.4 327.1 (0400–1200Z‡) or ctc Cleveland ARTCC at 440–774–0234.
TOWER 125.75 253.5 (1200–0400Z‡) **GND CON** 121.6 **CLNC DEL** 126.85
KEYSTONE OPS ARNG 138.55 241.35 46.75
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.
AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE JST.
JOHNSTOWN (L) (L) VORW/DME 113.0 JST Chan 77 N40°19.00′ W78°50.05′ at fld. 2279/6W.
VOR unusable:
088°–102° byd 25 NM
120°–135° byd 25 NM
ILS 110.1 I–JST Rwy 33. Class IB. Glideslope unusable byd 5° left of course. Unmonitored when ATCT clsd. Glideslope unusable blw 2,520′.
COMM/NAV/WEATHER REMARKS: UNICOM frequency 122.95 avbl for ground svcs only.

JOSEPH A HARDY CONNELLSVILLE (See CONNELLSVILLE on page 269)

KAMPEL (See WELLSVILLE on page 314)

KEATING N41°12.90′ W78°08.57′ NOTAM FILE AOO. **DETROIT**
(H) (H) VORTACW 116.0 ETG Chan 107 241° 15.9 NM to Clearfield–Lawrence. 2250/10W. **H–10H, L–30I**

KELLER BROTHERS (See LEBANON on page 286)

KRALLTOWN

BERMUDIAN VALLEY AIRPARK (Ø7N) 2 W UTC–5(–4DT) N40°01.01′ W77°00.23′ **DETROIT**

470 NOTAM FILE IPT

RWY 16–34: 2200X100 (TURF)

RWY 16: Thld dsplcd 802′. Trees.

RWY 34: Thld dsplcd 264′. Trees.

SERVICE: S4

AIRPORT REMARKS: Attended irregularly. Helicopter activity on and invof arpt. Fld soft after prolonged rain. Rwy 16–34 rwy ends and edges mkd with w cones. Rwy 16 and Rwy 34 dplcd thlds marked with 3 white cones each side of rwy and 2 white tires east side of rwy.

AIRPORT MANAGER: 908-788-6901

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

LANCASTER (LNS)(KLNS) 4 N UTC–5(–4DT) N40°07.34′ W76°17.66′ **NEW YORK**

403 B Class I, ARFF Index B NOTAM FILE LNS **H–10H, 12J, L–29E, 34G, A**

RWY 08–26: H6933X150 (ASPH–GRVD) S–65, D–92, 2S–117, 2D–146 PCR 430 F/D/X/T **IAP, AD**
HIRL 0.3% up W

RWY 08: MALSR. PAPI(P4R)—GA 3.0° TCH 40′. Thld dsplcd 357′. Road.

RWY 26: PAPI(P4L)—GA 3.0° TCH 47′. Thld dsplcd 59′. Tree.

RWY 13–31: H4102X100 (ASPH) S–65, D–92, 2S–117, 2D–146 MIRL

RWY 13: PAPI(P2R)—GA 3.0° TCH 40′. Tree.

RWY 31: REIL. VASI(V2L)—GA 3.0° TCH 37′. Trees.

LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 26	13–31	5190

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA–6934 TODA–6934 ASDA–6475 LDA–6118

RWY 13: TORA–4102 TODA–4102 ASDA–4102 LDA–4102

RWY 26: TORA–6934 TODA–6934 ASDA–6177 LDA–6118

RWY 31: TORA–4102 TODA–4102 ASDA–4102 LDA–4102

SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** When ATCT clsd ACTVT MALSR Rwy 08; REIL Rwy 31; HIRL Rwy 08–26; MIRL Rwy 13–31; twy lgts—CTAF. Rwy lgts and MALSR unmonitored when twr clsd.

AIRPORT REMARKS: Attended daily 1200–0200Z‡. ARFF avbl fm 1100–0200Z‡ Mon–Fri, 1100–2300Z‡ Sat, 1300–0200Z‡ Sun. Emergs outside ATCT opn hrs and ARFF hrs call Manheim Township Emerg Svcs at 911. Rwy and twy conds not mnt outside of ARFF coverage hrs.

AIRPORT MANAGER: 717-569-1221

WEATHER DATA SOURCES: ASOS 125.675 (717) 568–6942.

COMMUNICATIONS: CTAF 120.9 **ATIS** 125.675 **UNICOM** 122.95

Ⓡ **HARRISBURG APP/DEP CON** 126.45

TOWER 120.9 (1100–0400Z‡) **GND CON** 121.8

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Harrisburg Apch at 800-932-0712.

AIRSPACE: CLASS D svc 1100–0400Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

(L) (L) VORW/DME 117.3 LRP Chan 120 N40°07.20′ W76°17.48′ at fld. 399/9W.

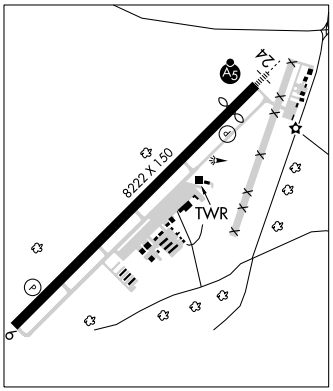
VOR unusable:
195°–273° byd 21 NM blo 9,000′

DME unusable:
180°–190°
320°–030° byd 31 NM blo 8,000′

ILS 108.7 I–LNS Rwy 08. Class IE. Unmonitored when ATCT clsd.

LATROBE

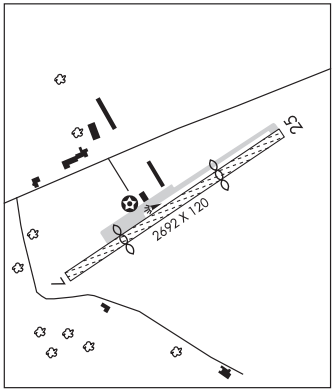
ARNOLD PALMER RGNL (LBE)(KLBE) 2 SW UTC–5(–4DT) N40°16.39′ W79°24.62′ **DETROIT**
1199 B Class I, ARFF Index B NOTAM FILE LBE **H–10H, 12I, L–29C**
RWY 06–24: H8222X150 (ASPH–GRVD) S–120, D–198, 2S–114, 2D–321 PCR 490 F/B/X/U HIRL **IAP, AD**
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 48′. Pole. 1.4% down.
RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. Thld dsplcd 850′. Trees. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–8222 TODA–8222 ASDA–8222 LDA–8222
RWY 24: TORA–8222 TODA–8222 ASDA–8222 LDA–7372
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** When ATCT clsd, ACTVT MALSR Rwy 24; REIL Rwy 06; HIRL Rwy 06–24; Twy A, B, C and D—CTAF. Rwy 24 PAPI unusbl byd 8 degs right of cntrln.
AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. PPR 24 for unscheduled acft ops with more than 9 pax call amgr 724–640–7234. Ldg fee.
AIRPORT MANAGER: 724-640-7230
WEATHER DATA SOURCES: AWOS–3 (724) 537–0671
COMMUNICATIONS: CTAF 125.0 **ATIS** 118.375 (724–537–0671)
Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200–0400Z‡) or ctc 814–532–5960.
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡) or ctc Cleveland ARTCC at 440–774–0234.
PALMER TOWER 125.0 (1115–0300Z‡) **GND CON** 121.8
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.
AIRSPACE: CLASS D svc 1115–0300Z‡; other times PPR; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
INDIAN HEAD (L) TACAN Chan 19 IHD (108.2) N39°58.45′ W79°21.50′ 358° 18.1 NM to fld. 2820/6W. TACAN AZIMUTH OTS indef
ILS 110.9 I–LBE Rwy 24. Class IE. Unmonitored when ATCT closed.



LAZY B RANCH (See DOVER on page 270)

LEBANON

KELLER BROTHERS (Ø8N) 5 SE UTC–5(–4DT) N40°17.49′ W76°19.72′ **NEW YORK**
550 B NOTAM FILE IPT **L–34G**
RWY 07–25: 2692X120 (TURF) LIRL(NSTD) **IAP**
RWY 07: Thld dsplcd 701′. Trees.
RWY 25: Thld dsplcd 793′. Tree.
SERVICE: **FUEL** 100LL **LGT** ACTVT WDI lgt, rotg bcn and LIRL Rwy 07–25—121.9. Rwy 07–25 nstd LIRL; rwy ends identified by 2 strobe lgts and nstd thld lgt fixtures. Rwy 07–25 thlds and dsplcd thlds marked with lgts.
AIRPORT REMARKS: Unattended. 100LL self serve.
AIRPORT MANAGER: 717-598-0057
COMMUNICATIONS: CTAF 122.9
Ⓡ **HARRISBURG APP/DEP CON** 126.45
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.
LANCASTER (L) (L) VORW/DME 117.3 LRP Chan 120 N40°07.20′ W76°17.48′ 360° 10.4 NM to fld. 399/9W.
VOR unusable:
195°–273° byd 21 NM blo 9,000′
DME unusable:
180°–190°
320°–030° byd 31 NM blo 8,000′



LEHIGH VALLEY INTL (See ALLENTOWN on page 258)

LEHIGHTON

BELTZVILLE (14N) 3 E UTC–5(–4DT) N40°50.66′ W75°38.12′ **NEW YORK**

899 NOTAM FILE IPT

RWY 08–26: 2018X100 (TURF) S–5

RWY 08: Thld dsplcd 360′. Road.

RWY 26: Thld dsplcd 230′. Fence.

SERVICE: S2

AIRPORT REMARKS: Attended irregularly. For svc ctc 610–377–1996. Ultralight tfc, deer and geese on and invof arpt. Rwy not plowed during winter. Announce tfc on CTAF. Rwy 08–26 thlds marked with white markers. Edge markers along southeast edge only. Expect light to moderate turbulence with N winds 10–15 kts; ops not recommended over 15 kts. Rwy 26 107′ trees, 935′ from rwy end 115′ Right; 11:1 slope to dthr.

AIRPORT MANAGER: 610-377-1996

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

JAKE ARNER MEML (22N) 3 SW UTC–5(–4DT) N40°48.57′ W75°45.69′ **NEW YORK**

534 B NOTAM FILE IPT **L–30K, 34G**

RWY 08–26: H3000X60 (ASPH) S–12.5 MIRL 0.8% up W **IAP**

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 08 and 26; PAPI Rwy 08 and 26; MIRL Rwy 08–26—CTAF.

AIRPORT REMARKS: Attended 1300Z‡–dusk. Deer and geese on and invof arpt. 24 hr self–serve 100LL and JET A. Cold temperature airport. Altitude correction required at or below –22C.

AIRPORT MANAGER: 570-778-4783

WEATHER DATA SOURCES: AWOS–3PT 119.350 (570) 386–3423.

COMMUNICATIONS: CTAF/UNICOM 123.05

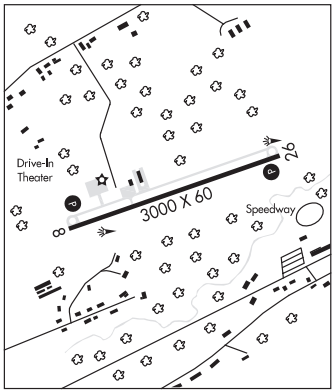
Ⓡ **ALLENTOWN APP/DEP CON** 119.65 (3,000′ and blo) 124.45 (abv 3,000′)

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

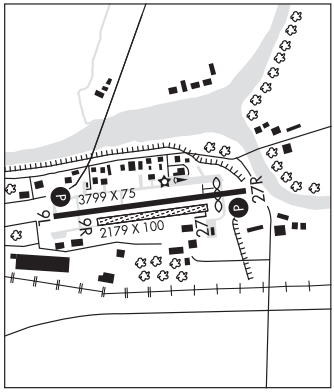
EAST TEXAS (L) (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 355° 14.1 NM to fld. 741/9W.

VOR unusable:
255°–265°



LOCK HAVEN

WILLIAM T PIPER MEML (LHV)(KLHV) 2 E UTC–5(–4DT) N41°08.15′ W77°25.34′ **DETROIT**
556 B NOTAM FILE IPT **L–30J**
RWY 09L–27R: H3799X75 (ASPH) S–12.5 MIRL **IAP**
RWY 09L: REIL. PAPI(P2L)—GA 3.5° TCH 49′. Trees.
RWY 27R: REIL. PAPI(P2L)—GA 4.0° TCH 48′. Thld dsplcd 465′. Trees. Rgt tfc.
RWY 09R–27L: 2179X100 (TURF)
RWY 27L: Trees. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT PAPI Rwy 09L and 27R; MIRL Rwy 09L–27R—CTAF. Rwy 09L PAPI unusable byd 5° left of centerline. Rwy 27R PAPI unusable byd 6° left and 8° right of centerline.
AIRPORT REMARKS: Attended Nov–Apr Mon–Fri 1300–2100Z‡, Apr–Nov Mon–Fri 1300–2200Z‡ and Sat–Sun 1500–1900Z‡. Bird activity invof arpt. Rwy 09R–27L CLOSED SS–SR dly. Fuel avbl aft hrs by prior req; call 570–295–7952 or 570–726–3462. Rwy 09R white cones mark rwy edge and thlds. Rwy 27L white cones mark rwy edge and thlds. No simultaneous rwy ops.
AIRPORT MANAGER: 570-748-5123
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

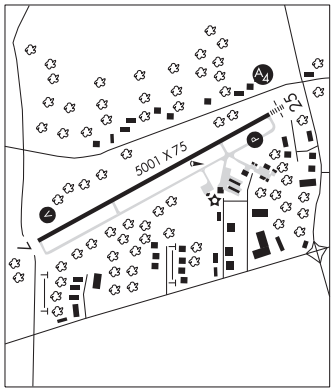


RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (VH) (H) VORTACW 115.5 PSB Chan 102 N40°54.98′ W77°59.56′ 073° 29.1 NM to fld. 2443/10W.
VOR unusable:
005°–010° byd 40 NM
035°–060° byd 40 NM
095°–104° byd 40 NM
105°–115° byd 40 NM blo 18,000′
116°–145° byd 40 NM
146°–156° byd 40 NM blo 5,000′
146°–156° byd 70 NM
157°–171° byd 40 NM
172°–189° byd 40 NM blo 10,000′
172°–189° byd 78 NM
200°–205° byd 40 NM
320°–325° byd 40 NM
COMM/NAV/WEATHER REMARKS: Local wx on CTAF (3 clicks).

MCVILLE (See FREEPORT on page 277)

MEADVILLE

PORT MEADVILLE (GKJ)(KGKJ) 3 W UTC–5(–4DT) N41°37.59′ W80°12.88′ **DETROIT**
1399 B NOTAM FILE GKJ **H–10H, L–30H**
RWY 07–25: H5001X75 (ASPH) S–12, D–60 MIRL **IAP**
RWY 07: VASI(V4L)—GA 3.0° TCH 58′. Trees.
RWY 25: MALS. PAPI(P4L)—GA 3.0° TCH 41′.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALS Rwy 25; PAPI Rwy 25; VASI Rwy 07; MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Attended 1300–2100Z‡. Birds, deer and gnd hogs on and invof arpt. Trml bldg clsd major holidays. Call ahd to coord svc. During winter months rwy and afld pavements may not be mntnd, call for ficon. Durg summer months mowing ops adj to rwy in prog dly. Jet A anti–ice avbl O/R. Turf opns area lctd N of rwy and mkd w/cones. Turf opns auth Jun thru Oct fm SR to SS unless clsd by NOTAM. Turf opns not auth durg inclement wx. Ctc AMGR for turf opns area conds. Adnl info on turf opns proc can be found on arpt website. Ldg fees vary, call arpt at 814–333–2677 for fee amounts.
AIRPORT MANAGER: 814-720-2261
WEATHER DATA SOURCES: ASOS 126.375 (814) 337–2590.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 (0500–1100Z‡) or ctc Cleveland ARTCC at 440–774–0227.
CLNC DEL 124.95
CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
LOC 108.5 I–GKJ Rwy 25.



MID ATLANTIC SOARING CENTER (See FAIRFIELD on page 275)

MID–STATE (See PHILIPSBURG on page 298)

MIFFLIN CO (See REEDSVILLE on page 305)

MIFFLINTOWN (P34) 2 N UTC–5(–4DT) N40°35.94′ W77°24.34′ **DETROIT**
545 B NOTAM FILE IPT **L–30J**
RWY 08–26: H2627X50 (ASPH) LIRL **IAP**
RWY 08: Thld dsplcd 232′. Trees.
RWY 26: Trees.
SERVICE: **LGT** ACTVT LIRL Rwy 08–26, WDI lgts—CTAF. ACTVT rotg bcn—CTAF.
AIRPORT REMARKS: Unattended. Rwy 08–26 not mkd for NPI apch.
AIRPORT MANAGER: 717-436-2725
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.
SELINSGROVE (L) (L) VORW/DME 110.4 SEG Chan 41 N40°47.45′ W76°53.04′ 252° 26.4 NM to fld. 610/8W.
VOR unusable:
098°–150° byd 20 NM blo 5,000′
106°–116° byd 20 NM blo 10,000′
151°–185° byd 19 NM
250°–285° byd 10 NM blo 14,000′
295°–300° byd 25 NM blo 4,500′
DME unusable:
098°–150° byd 20 NM blo 5,000′
151°–185° byd 19 NM
255°–265° blo 7,000′
295°–300° byd 25 NM blo 4,500′

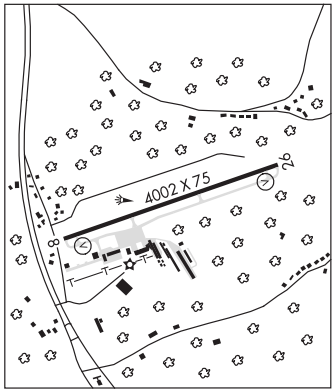
MILTON N41°01.40′ W76°39.92′ NOTAM FILE IPT. **NEW YORK**
(L) (L) VORTACW 109.2 MIP Chan 29 107° 10.6 NM to Bloomsburg Muni. 1000/9W. **H–10H, L–30J**

MODENA N39°55.08′ W75°40.25′ NOTAM FILE IPT. WASHINGTON H–10I, 12I, L–34G, A

(L) (L) VORTACW 113.2 MXE Chan 79 052° 6.0 NM to Brandywine Rgnl. 473/9W.
VOR unusable:
036°–046°
047°–057° byd 10 NM
058°–085°
170°–248° byd 27 NM blo 7,500′
170°–248° byd 30 NM blo 9,500′
170°–248° byd 8 NM blo 6,000′
268°–278° byd 28 NM
278°–290° blo 10,000′
290°–326°

MONONGAHELA

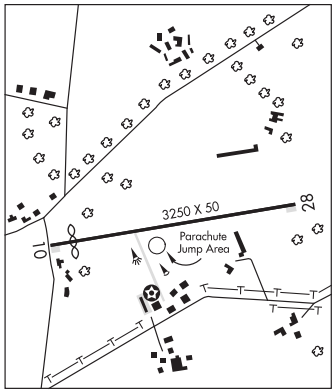
ROSTRAVER (FWQ)(KFWQ) 5 E UTC–5(–4DT) N40°12.58′ W79°49.89′ DETROIT L–29C IAP
1228 B NOTAM FILE AOO
RWY 08–26: H4002X75 (ASPH–GRVD) S–26, D–30 MIRL
RWY 08: REIL. VASI(V4R)—GA 3.0° TCH 51′. Tower.
RWY 26: REIL. VASI(V4L)—GA 3.0° TCH 48′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTIVATE MIRL Rwy 08–26, REIL Rwy 08 and Rwy 26—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1200–2200Z‡. After hrs ctc 724–640–6349/2409. Deer and birds on and invof arpt. Rwy 08 rgt tfc helicopter/ultralights. Rwy 26 Rgt tfc helicopter/ultralights.
AIRPORT MANAGER: 724-379-6980
WEATHER DATA SOURCES: AWOS–3PT 118.475 (724) 379–5815.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PITTSBURGH APP/DEP CON** 119.35
CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591.
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
ALLEGHENY (L) (L) VORW/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 122° 10.5 NM to fld. 1285/9W.
VOR unusable:
036°–059° byd 10 NM blo 7,000′
071°–175°
226°–261° byd 10 NM
300°–310°



MONTOUR N40°29.28′ W80°11.63′ NOTAM FILE PIT. DETROIT L–29C
(L) DME 112.0 MMJ Chan 57 277° 1.8 NM to Pittsburgh Intl. 1193.
DME unusable:
126°–165° byd 10 NM blo 5,000′
126°–165° byd 15 NM
350°–360° byd 30 NM

MOUNT JOY/MARIETTA

DONEGAL SPRINGS AIRPARK (N71) 3 SW UTC–5(–4DT) N40°05.53′ W76°34.46′ **NEW YORK**
458 B NOTAM FILE IPT **L–29E, 34G, A**
RWY 10–28: H3250X50 (ASPH) S–12.5 MIRL **IAP**
RWY 10: Thld dsplcd 300′. Pole.
SERVICE: S5 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 10–28 and rotating bcn—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1300Z–2130Z‡, Sat–Sun unattended. Parachute Jumping. Rwy 10 dsplcd thld bar 300′ from rwy end, dsplcd thld lgts 300′ from rwy end.
AIRPORT MANAGER: 717-928-4360
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HARRISBURG APP/DEP CON** 126.45
CLNC DEL 127.05
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.
LANCASTER (L) (L) VORW/DME 117.3 LRP Chan 120 N40°07.20′ W76°17.48′ 272° 13.1 NM to fld. 399/9W.
VOR unusable:
195°–273° byd 21 NM blo 9,000′
DME unusable:
180°–190°
320°–030° byd 31 NM blo 8,000′



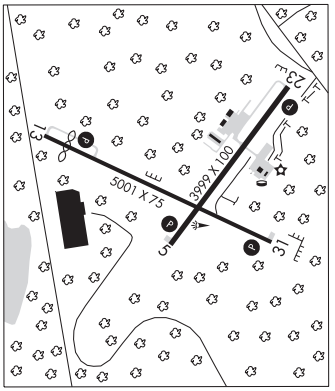
MOUNT PLEASANT

MOUNT PLEASANT/SCOTTDALE (P45) 3 S UTC–5(–4DT) N40°06.46′ W79°32.58′ **DETROIT**
1160 NOTAM FILE AOO
RWY 06–24: 2037X135 (TURF) 1.8% up NE
RWY 06: Trees.
RWY 24: Tree.
RWY 14–32: 1625X175 (TURF) 2.6% up SE
RWY 14: Thld dsplcd 565′. Road.
RWY 32: Thld dsplcd 250′. Trees.
AIRPORT REMARKS: Attended irregularly. Wildlife on and invof rwys. Extensive helicopter activity at adjacent heliport. Ultralight activity on and invof arpt. Ultralight acft use 500′ AGL rgt tfc pat for all rwys. Rwy not monitored during winter months. Rwys unusable during spring thaw and wet periods. Both rwy sfcs are rolling. Rwy 14 road crosses centerline 90′ out, angling to the left side of thld. Rwy 06–24 marked with yellow cones. Rwy 14–32 marked with yellow cones. First 375′ AER 06 has 7% gradient. First 100′ AER 32 has 5.5% gradient. Seasonal crops located around rwys.
AIRPORT MANAGER: 814-442-1747
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.

W P H S HELIPORT (P99) 3 S UTC–5(–4DT) N40°06.49′ W79°32.88′ **DETROIT**
1090 NOTAM FILE AOO
HELIPAD H1: H74X74 (CONC)
SERVICE: S4 **FUEL** JET A
HELIPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. Seasonal crops located approximately 35′ south of heliport. Helipad H1 conc TLOF and FATO. Fixed wing tfc adjacent at Mount Pleasant–Scottdale arpt. Helipad H1 ingress 320°–050°, egress 140°–230°.
AIRPORT MANAGER: 724-887-4410
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0234.

MOUNT POCONO

POCONO MOUNTAINS RGNL (MPO)(KMPO) 2 NW UTC–5(–4DT) N41°08.26′ W75°22.80′ **NEW YORK**
1915 B NOTAM FILE MPO **H–10I, L–30K, 33A, 34H**
RWY 13–31: H5001X75 (ASPH) S–30, D–45 MIRL **IAP**
RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 44′. Thld dsplcd 501′. Trees.
RWY 31: REIL. PAPI(P2L)—GA 3.5° TCH 40′. Trees.
RWY 05–23: H3999X100 (ASPH) S–30, D–45, 2D–70 MIRL 1.0% up NE
RWY 05: REIL. PAPI(P2L)—GA 4.0° TCH 43′. Trees.
RWY 23: REIL. PAPI(P2L)—GA 4.0° TCH 53′. Road.



SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 05, 13, 23 and 31; PAPI Rwy 05 13, 23 and 31; MIRL Rwy 05–23 and 13–31—CTAF.
NOISE: Noise abatement procedures in effect, for details ctc arpt manager at 570–839–0258. Rwy 31 VFR departure: fly heading 310 till crossing Interstate 380, then proceed on course avoiding overflight of homes southwest of Rwy 13–31.
AIRPORT REMARKS: Attended 1200–2200Z‡. Birds, deer and other wildlife on and invof arpt. For svc after hrs call 570–807–8966. 24 hr self svc 100LL avbl.
AIRPORT MANAGER: (570) 839-0258
WEATHER DATA SOURCES: ASOS 120.275 (570) 839–1584.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **WILKES–BARRE APP/DEP CON** 126.3
CLNC DEL 125.3
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
WILKES–BARRE (L) (L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 130° 16.2 NM to fld. 2118/10W. VOR unusable:
290°–305° byd 15 NM blo 6,000′
COMM/NAV/WEATHER REMARKS: UNICOM 1300Z‡–dusk daily.

MUIR AHP (FORT INDIANTOWN GAP) HELIPORT (MUI)(KMUI) ARNG 6 N UTC–5(–4DT) **NEW YORK**
N40°26.11′ W76°34.12′ **L–30J, 34G, A**
487 B TPA—See Remarks NOTAM FILE IPT Not insp. **DIAP, AD**
HELIPAD H1: H100X100 (CONC)
HELIPAD H2: H100X100 (CONC)
HELIPAD H3: H120X120 (CONC)
HELIPAD H4: H64X64 (CONC)
HELIPAD 07–25: H3981X98 (ASPH) PCN 24 F/B/W/T MIRL 0.5% up E
HELIPAD 07: Thld dsplcd 350′. Rgt tfc.
HELIPAD 25: Thld dsplcd 121′.
SERVICE: **MILITARY— LGT** ACTVT MIRL Rwy 07–25—ATCT. **FUEL** J8 – PPR, 24 hr wkd, 48 hr wkend, for fuel and prk thru ARNG OPS C717–861–8963, DSN 491–8963.
MILITARY REMARKS: Opr 1200–0600Z‡ Mon–Fri May–Aug exc wkend and hol; 1200–0400Z‡ Mon–Fri Sep–Apr exc wkend and hol. Open additional hrs for scheduled training. Rotary wing traffic only. See FLIP AP/1 Supplementary Arpt Remark. Airfield clsd on wkends and hol. Any acft arriving or departing on wkends or hol requires prior apvl. Access to airfield is rstd when clsd. Ctc Muir AHP Ops at (717)–861–8963; DSN 491–8963. Echo 5 parking pad is for VIP loading and unloading only. Rwy 07 dthr area clsd to all acft oprns. **RSTD** PPR 24 hr, call during normal duty hr. PPR all tran acft. Ctc OPS DSN 491–8963, C717–861–8963. Rwy 07–25 clsd to fixed wing tfc. Augmented/man visbl obstruction from 20′ AGL. Building obstruction may impact prevailing visibility 270–020. **CAUTION** Rwy has gradual 30′ rise fr AER 07 to a pt 2800′ up rwy, rwy ends not mutually vis. Lgtd water twr 0.7 NM W and 0.5 NM S of afld. **TFC PAT** TPA rotary wing 1200(713). **MISC** Ltd prk. Wx 1200–0300Z‡ excld wkend and hol, OT ctc 15 OWS, Scott AFB, DSN 576–9755. 2 hr lead time rqr. Wx stn DSN 491–2536, C717–861–2536, AN/FMQ–19 ASOS in use. Augmented when nec drg wx stn hrs. Inst procedures may inadvertently interrupt localized gnd trng at R5802. All tran acft or crews unfamiliar with Muir AHP are highly advs to practice inst procedures under VFR in VMC to the max extent. Practice inst procedures under IFR are not recommended. See AP 1 for more information.
AIRPORT MANAGER: 717-861-8963
WEATHER DATA SOURCES: ASOS 124.175 (717) 861–6493. AN/FMQ–19 owned by US Army.
COMMUNICATIONS: CTAF 126.2
Ⓡ **HARRISBURG APP/DEP CON** 118.25 269.45
TOWER 126.2 290.325 (Opr 1300–0600Z‡ Mon–Fri May–Aug, 1300–0500Z‡ Mon–Fri Sep–Apr, clsd wkend and hol.) **GND CON** 135.675 269.525 **ARNG OPS** 40.075 **FLT FLW** 36.075
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Harrisburg Apch at 800-932-0712.

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AIRSPACE: CLASS D svc 1300–0600Z‡ Mon–Fri May–Aug, 1300–0500Z‡ Mon–Fri Sep–Apr, clsd wkend & hol, other times CLASS G..

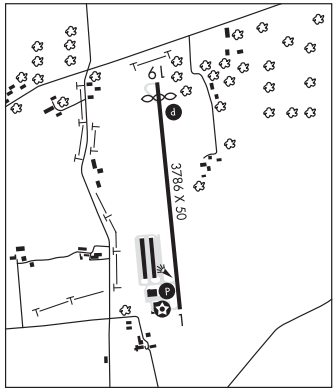
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

BELLGROVE NDB (MHW) 328 BZJ N40°26.14′ W76°33.18′ at fld. 480/10W.

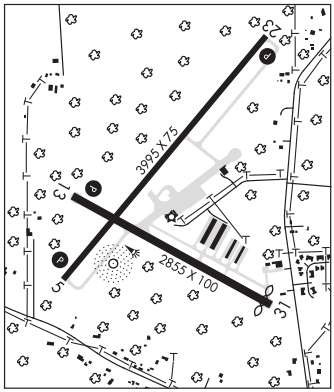
ILS/DME 111.75 I–MUI Chan 54(Y) Rwy 25. DME unusable 25° right of course.

MYERSTOWN

DECK (9D4) 1 SW UTC–5(–4DT) N40°21.13′ W76°19.78′ NEW YORK
523 B NOTAM FILE IPT L–30J, 34G, A
RWY 01–19: H3786X50 (ASPH) S–12 MIRL 0.3% up N IAP
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Bldg.
RWY 19: REIL. PAPI(P2L)—GA 4.0° TCH 42′. Thld dsplcd 177′.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** ACTVT REIL Rwy 01 and 19; MIRL Rwy 01–19, and rotating bcn—CTAF. Rwy 01 NSTD REIL, strobe lgts identify rwy ends. Rwy 19 NSTD REIL, strobe lgts identify rwy ends. Rwy 01–19 no amber caution lgts last half of rwy.
AIRPORT REMARKS: Attended 1200–0000Z‡. Rwy 01–19 turn around area at dep end of Rwy 01 left side. Acft hangar 570′ behind Rwy 01 thld and 212′ left. Acft may be parked 57′ behind Rwy 01 thld and 132′ left. Hovering by large military helicopters not authorized.
AIRPORT MANAGER: 717-866-4388
WEATHER DATA SOURCES: AWOS–2 118.45 (717) 866–2906.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HARRISBURG APP/DEP CON** 118.25
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
RAVINE (L) (L) VORTACW 114.6 RAV Chan 93 N40°33.20′ W76°35.96′ 145° 17.3 NM to fld. 1750/11W.



NEW CASTLE MUNI (UCP)(KUCP) 4 NW UTC–5(–4DT) N41°01.52′ W80°24.80′ DETROIT
1072 B NOTAM FILE AOO L–30H
RWY 05–23: H3995X75 (ASPH) S–12.5 MIRL 0.4% up SW IAP
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Trees.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees.
RWY 13–31: H2855X100 (ASPH) S–12.5 2.0% up SE
RWY 13: PAPI(P2L)—GA 3.0° TCH 19′.
RWY 31: Thld dsplcd 108′.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 05 and Rwy 23; PAPI Rwy 05, Rwy 13, Rwy 23; MIRL Rwy 05–23—CTAF.
AIRPORT REMARKS: Attended 1330–2200Z‡. Deer on and invof arpt.
AIRPORT MANAGER: (724) 651-2100
WEATHER DATA SOURCES: AWOS–3PT 124.175 (724) 652–4184.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 (0500–1100Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806, when Apch clsd ctc Cleveland ARTCC at 440-774-0234.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
CASTLE NDB (MHW) 272 UCP N41°01.38′ W80°24.95′ at fld. 1023/9W.



NEW GARDEN (See TOUGHKENAMON on page 311)

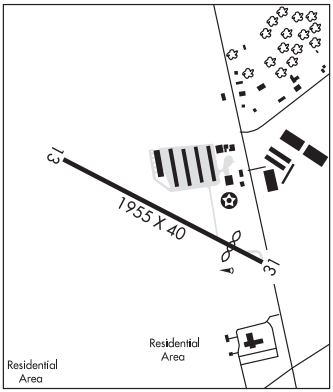
NORTH PHILADELPHIA N40°04.92′ W75°00.64′ NEW YORK
RCO 122.2 (WILLIAMSPORT RADIO) L–34G, A

NORTHEAST PHILADELPHIA (See PHILADELPHIA on page 295)

NORTHUMBERLAND CO (See SHAMOKIN on page 307)

PALMYRA

REIGLE FLD (58N) 2 S UTC–5(–4DT) N40°17.21′ W76°34.62′ NEW YORK
489 B NOTAM FILE IPT L–34G
RWY 13–31: H1955X40 (ASPH) S–12.5 LIRL(NSTD) 0.4% up SE IAP
RWY 31: Thld dsplcd 300′.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 13–31 and rotating bcn—CTAF. NSTD LIRL, lgts located 125′ left and right of centerline. Rwy 13; first 110′ unlgtd. Rwy 31; first 60′ unlgtd. 1780′ of rwy lgtd. Rwy 31 dsplcd thld identified at ngt by one green lgt each side of rwy.
AIRPORT REMARKS: Attended 1400–2200Z‡.
AIRPORT MANAGER: 717-838-5519
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HARRISBURG APP/DEP CON** 118.25 (001°–079°) 126.45 (080°–210°) 124.1 (211°–000°)
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.
LANCASTER (L) (L) VORW/DME 117.3 LRP Chan 120 N40°07.20′ W76°17.48′ 316° 16.5 NM to fld. 399/9W.
VOR unusable:
195°–273° byd 21 NM blo 9,000′
DME unusable:
180°–190°
320°–030° byd 31 NM blo 8,000′



PENN VALLEY (See SELINSGROVE on page 306)

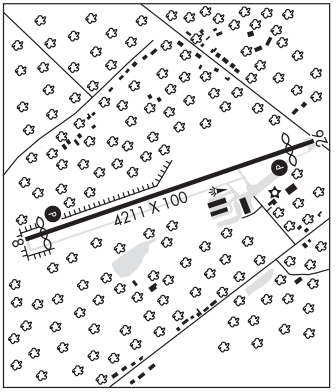
PENN'S LANDING HELIPORT (See PHILADELPHIA on page 295)

PENNRIDGE (See PERKASIE on page 294)

PENNS CAVE (See CENTRE HALL on page 267)

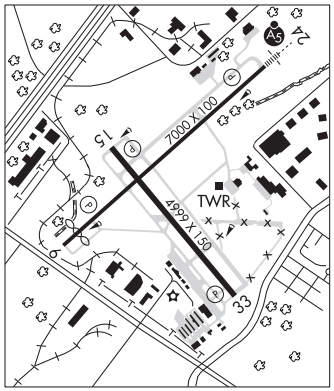
PERKASIE

PENNRIDGE (CKZ)(KCKZ) 1 N UTC–5(–4DT) N40°23.35′ W75°17.43′ NEW YORK
568 B TPA—See Remarks NOTAM FILE IPT L–33A, 34G, A
RWY 08–26: H4211X100 (ASPH–PFC) D–26 MIRL 1.1% up E IAP
RWY 08: PAPI(P2L)—GA 3.78° TCH 20′. Thld dsplcd 266′. Trees.
RWY 26: PAPI(P2L)—GA 4.0° TCH 28′. Thld dsplcd 351′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT PAPI Rwy 08 and 26, MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Attended 1300–2100Z‡. For svc aft hrs call amgr. Parachute Jumping. Occasional deer and wild turkeys invof rwy. Skydiving act daily dawn to dusk. Rwy 08–26 clsd to touch & go ldgs. Rwy 26 does not have aiming point. TPA for light acft 1368(800), TPA for turbo prop and jets 1768(1200). Ldg fees per 1000 lb; pkg fee–see website.
AIRPORT MANAGER: 267-718-4254
WEATHER DATA SOURCES: AWOS–3 126.325 (215) 257–7291.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **PHILADELPHIA APP/DEP CON** 123.8
CLNC DEL 118.55
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
EAST TEXAS (L) (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 131° 21.4 NM to fld. 741/9W.
VOR unusable:
255°–265°



PHILADELPHIA

NORTHEAST PHILADELPHIA (PNE)(KPNE) 10 NE UTC–5(–4DT) N40°04.92′ W75°00.63′ **NEW YORK**
120 B TPA—See Remarks LRA NOTAM FILE PNE **H–10I, 12J, L–34G, A**
RWY 06–24: H7000X100 (ASPH–GRVD) S–120, D–250, 2S–114, 2D–550 PCN 80 F/A/X/T HIRL **IAP, AD**
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 56′. Thld dsplcd 498′. Trees.
RWY 24: MALSR. PAPI(P4R)—GA 3.0° TCH 53′. Trees.
RWY 15–33: H4999X150 (ASPH–GRVD) S–40, D–55 MIRL
RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 39′. Tree.
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 39′. Tree.



LAND AND HOLD–SHORT OPERATIONS

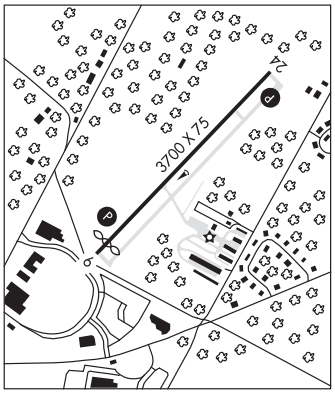
LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 24	15–33	4150
RWY 33	06–24	3600

RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–7000 TODA–7000 ASDA–7000 LDA–6502
RWY 24: TORA–6826 TODA–7000 ASDA–6102 LDA–6102
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3, 4 **LGT** When ATCT clsd HIRL RWY 06–24 preset med intst, to incrs intst and ACTVT MALSR Rwy 24—CTAF.
NOISE: Lmt TGL opns Mon–Sat 1400–0300Z‡ and Sun 1700–0300Z‡; 5 per flt for noise abatement. Rwy 15 is noise sensitive. Rwy 15 arrivals are requested to fly at or above glide path.
AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. Be alert, 3 large brightly lit jumbotron signs aprx 3 miles northeast of AER 24. These signs may cause visual illusions dur an apch or missed apch. Pilots be advised. Be alert for arpt vehicles when twr clsd. Arpt closed to Part 121 air carrier and Part 135 scheduled svc. TPA acft less than 12,500 lbs 1119(999), acft 12,500 lbs or more and all turbojet and turbine powered acft 1619(1499), rotary wing acft 919(799). Turbojet acft are confined to full length Rwy 06–24 unless strong winds dictate otherwise. Twy L3 safety area non std. Twy J1 non movement area. Compass rose not for pub use. Twy J btn Twy G and hel apn is non mov area. Ldg fee. CBP 24 hr PPR by calling 215–594–4272 or 215–594–4141.
AIRPORT MANAGER: 215-937-7968
WEATHER DATA SOURCES: ASOS (215) 897–9068
COMMUNICATIONS: CTAF 126.9 **ATIS** 121.15 **UNICOM** 122.95
NORTH PHILADELPHIA RCO 122.2 (WILLIAMSPORT RADIO)
Ⓡ **APP/DEP CON** 123.8
TOWER 126.9 (1100–0400Z‡) **GND CON** 121.7 **CLNC DEL** 127.25
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc phl Apch at (800) 354-9884.
AIRSPACE: CLASS D svc 1100–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
YARDLEY (L) (L) VORW/DME 108.2 ARD Chan 19 N40°15.20′ W74°54.46′ 215° 11.3 NM to fld. 294/10W.
VOR unusable:
020°–040°
195°–225° byd 25 NM blo 5,000′
250°–265° blo 3,500′
266°–280° byd 20 NM blo 5,000′
281°–300° byd 14 NM blo 6,000′
DME unusable:
225°–275° byd 25 NM blo 5,000′
ILS 111.1 I–PNE Rwy 24. Class IA. LOC unusable byd 025° left and 025° r of course; wi 5.8 NM abv 2,000′; at thld abv 1,000′; wi 0.5 NM.
COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr.

PENN'S LANDING HELIPORT (P72) 0 N UTC–5(–4DT) N39°56.24′ W75°08.48′ **WASHINGTON**
15 B NOTAM FILE IPT
HELIPAD H1: H68X68 (ASPH)
HELIPAD H1: NSTD.
SERVICE: **FUEL** JET A **LGT** ACTIVATE NSTD perimeter lgts—123.025. Helipad H1 green lgts on east and south sides only.
HELIPORT REMARKS: Attended Mon–Fri 1300–2300Z‡. For attendance on weekends/holidays call 215–271–2510. H1 ingress 230°/310°, egress 050°/130°. Rwy H1 shallow sfc depressions. Lgtd bldg 660′ north of pad. Ldg fee.
AIRPORT MANAGER: 215-271-2510
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

PHILADELPHIA INTL (PHL)(KPHL) 5 SW UTC–5(–4DT) N39°52.33′ W75°14.44′ **WASHINGTON**
36 B LRA Class I, ARFF Index E NOTAM FILE PHL **H–10I, 12J, L–34G, A**
RWY 09R–27L: H12000X200 (ASPH–GRVD) S–120, D–250, 2D–550, 2D/2D2–1048 **IAP, AD**
PCR 839 F/C/W/T HIRL CL
RWY 09R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72′. RVR–TMR Trees.
RWY 27L: MALSR. PAPI(P4L)—GA 3.0° TCH 73′. RVR–TMR Thld dsplcd 1913′. Boat.
RWY 09L–27R: H9500X150 (ASPH–GRVD) S–120, D–250, 2D–542, 2D/2D2–1059 PCR 702 F/B/W/T HIRL CL
RWY 09L: MALSR. REIL. RVR–TMR Trees.
RWY 27R: MALSR. PAPI(P4L)—GA 3.0° TCH 81′. RVR–TMR Boat.
RWY 17–35: H6500X150 (ASPH–GRVD) S–120, D–203, 2S–175, 2D–302, 2D/2D2–803 PCR 554 F/C/W/T HIRL
RWY 17: MALSF. PAPI(P4L)—GA 3.0° TCH 50′. RVR–TR Tree.
RWY 35: REIL. PAPI(P4L)—GA 3.15° TCH 52′. RVR–TR Boat.
RWY 08–26: H5001X150 (ASPH–GRVD) S–83, D–135, 2D–226 PCR 317 F/B/X/T HIRL CL 0.5% up E
RWY 26: MALSR. PAPI(P4R)—GA 3.15° TCH 50′. RVR–TR Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 08: TORA–5001 TODA–5001 ASDA–5001 LDA–5001
RWY 09L:TORA–9500 TODA–9500 ASDA–9500 LDA–9500
RWY 09R:TORA–12000 TODA–12000 ASDA–12000 LDA–12000
RWY 17: TORA–6500 TODA–6500 ASDA–6500 LDA–6500
RWY 26: TORA–5001 TODA–5001 ASDA–5001 LDA–5001
RWY 27L:TORA–12000 TODA–12000 ASDA–11825 LDA–9912
RWY 27R:TORA–9500 TODA–9500 ASDA–9500 LDA–8864
RWY 35: TORA–6500 TODA–6500 ASDA–6500 LDA–6500
ARRESTING GEAR/SYSTEM
RWY 08: EMAS
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Rwy 26 PAPI unusable byd 8° R of cntrln.
NOISE: Arpt is lctd in a noise sensitive area. Arpt noise abatement tkof procs are to be used.
AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Unlgtd stack 288′ MSL (271′ AGL) 2.3 NM southwest of arpt. TCAS equipped acft, TCAS alert may be caused by transponder equipped ships lctd PHL Naval Base 3 NM east. Rwy 27L, Rwy 27R, and Rwy 35 ship chnl (Delaware River) max hgt of ships 189 ft. Rwy 26 ship channel (Schuylkill) max height of ships 149 ft. Rwy 27R LDA 9500′ avbl O/R to ATC. Poss unmarked ship obstn transiting E or W alg the Delaware River reaching hgts of 189 ft—BE ALERT when apchg PHL Rwy 35 and whenever circling or visually apchg all other rwys. All acft traveling on Twy J must use mnm pwr when turning S due to jetblast concerns. Twy J btn Twy K3 and Twy Q rstrd to acft with wingspans 171 ft and less. Pilots can expc to exit and re–enter the PHL Class B asp drg mdt to hvy arr pds. Rwy 09R rollout RVR used for Rwy 09L midpoint RVR. Only nose–in prkg pmtd on N remote apns. PPR fm arpt ops for all acft prkg on remote aprons, ctc 215–937–6914/6800. Land Rwy 26, tkof Rwy 08. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. All engine runups rqr PPR fm duty officer at 937–6914/6800; runups 20 min max. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Arrival Alert.
AIRPORT MANAGER: 215-937-6914
WEATHER DATA SOURCES: ASOS 133.4 (215) 492–9617. LLWAS. TDWR.
COMMUNICATIONS: D–ATIS ARR 133.4 **D–ATIS DEP** 135.925 **UNICOM** 122.95
Ⓡ **APP CON** 123.8 (001°–089° at or blo 5000′) 126.85 (270°–360° at or blo 5000′) 127.35 (090°–269° at or blo 5000′) 128.4 (270°–089° abv 5000′) 133.875 (090°–269° 8000′–6000′)
Ⓡ **DEP CON** 119.75 (090°–269°) 124.35 (270°–089°)
TOWER 118.5 (Rwys 09L–27R, 17–35, 08–26) 135.1 (Rwy 09R–27L) **GND CON** 121.9 121.65
CLNC DEL 118.85
CPDLC (LOGON KUSA)
PDC
AIRSPACE: CLASS B See VFR Terminal Area Chart.
VOR TEST FACILITY (VOT) 109.8
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
DUPONT (L) (L) VORTACW 114.0 DQO Chan 87 N39°40.69′ W75°36.43′ 065° 20.6 NM to fld. 70/10W.
VOR unusable:
230°–265° byd 20 NM
TACAN AZIMUTH unusable:
230°–265° byd 20 NM
DME unusable:
230°–265° byd 20 NM
ILS/DME 108.95 I–VII Chan 26(Y) Rwy 09L. Class IIE. DME also serves Rwy 27R.
ILS/DME 109.3 I–PHL Chan 30 Rwy 09R. Class IIIE. DME also serves Rwy 27L.
ILS/DME 108.75 I–MYY Chan 24(Y) Rwy 17. Class IT. LOC unusable byd 15° left of course.
ILS/DME 111.55 I–LLH Chan 52(Y) Rwy 26.
ILS/DME 109.3 I–GLC Chan 30 Rwy 27L. Class IIE.
ILS/DME 108.95 I–PDP Chan 26(Y) Rwy 27R. Class IIE. DME installed on Rwy 09L serves Rwy 09L/27R.

WINGS FLD (LOM)(KLOM) 3 NW UTC–5(–4DT) N40°08.25′ W75°15.91′ **NEW YORK**
302 B NOTAM FILE LOM **L–34G, A**
RWY 06–24: H3700X75 (ASPH) S–12.5 MIRL 0.6% up SW **IAP**
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Thld dsplcd 177′. Pole.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** Dusk–Dawn. ACTVT MIRL Rwys 06–24, PAPI and REIL Rwy 06 and 24—CTAF.
NOISE: Noise abatement Rwy 06 and 24, no turns after tkof before 1000′ AGL. Avoid overflight of schools east and west of arpt. Rwy 06–24 no touch and go landings.
AIRPORT REMARKS: Attended 1100–0300Z‡. Deer and large flocks of geese on and invof arpt. For svc after hrs ctc amgr by phone or email. PPR all acft exceeding 12,500 lbs max tkf gross weight or abv, call 215–646–0400. Rwy 06–24 no tgls.
AIRPORT MANAGER: 215-646-0400
WEATHER DATA SOURCES: AWOS–3 118.925 (215) 646–1068.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **PHILADELPHIA APP/DEP CON** 126.85
CLNC DEL 135.3 (800–354–9884)
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MODENA (L) (L) VORTACW 113.2 MXE Chan 79 N39°55.08′ W75°40.25′ 064° 22.9 NM to fld. 473/9W.
VOR unusable:
036°–046°
047°–057° byd 10 NM
058°–085°
170°–248° byd 27 NM blo 7,500′
170°–248° byd 30 NM blo 9,500′
170°–248° byd 8 NM blo 6,000′
268°–278° byd 28 NM
278°–290° blo 10,000′
290°–326°

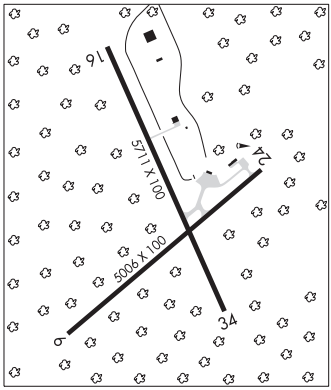


PHILADELPHIA SPB (See ESSINGTON on page 274)

PHILIPSBURG

ALBERT (1N3) 5 N UTC–5(–4DT) N40°58.30′ W78°14.58′ **DETROIT**
1784 NOTAM FILE AOO
RWY 11–29: 3350X125 (TURF–GRVL) 0.5% up W
RWY 11: Thld dsplcd 750′. Trees.
RWY 29: Thld dsplcd 200′. Road.
AIRPORT REMARKS: Unattended. Arpt CLOSED Nov–Mar annually. Birds, deer and ground hogs on and invof arpt. Ultralight ops on and invof arpt. Rwy 11–29 shale and turf. Rwy 11–29 edges marked with yellow cones. Rwy 11 and Rwy 29 dthr mkd with yellow cones.
AIRPORT MANAGER: (814) 553-4693
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

MID–STATE (PSB)(KPSB) 8 E UTC–5(–4DT) N40°53.06′ W78°05.24′ **DETROIT**
1948 NOTAM FILE AOO **H–10H, 12I, L–30I**
RWY 16–34: H5711X100 (ASPH) S–48, D–60, 2D–90 MIRL **IAP**
0.5% up NW
RWY 16: Trees.
RWY 34: Trees.
RWY 06–24: H5006X100 (ASPH) S–48, D–60, 2D–90 MIRL
1.0% up NE
RWY 06: Trees.
RWY 24: Trees.
SERVICE: **LGT** ACTVT MIRL Rwy 06–24 and Rwy 16–34—CTAF.
AIRPORT REMARKS: Unattended. Arpt aces ltd; ctc mgr to coord 814–342–1080. Deer on and invof arpt. Heavy glider activity during dalgt hrs, all alts, on and invof arpt and within 15 NM east and south of arpt. Rwy 06–24 asph crumbling at intxn of rwys causing potholes and FOD. Rwy 16–34 asph crumbling at intxn of rwys causing potholes and FOD. Rwy 06, Rwy 16 and Rwy 24 markings extremely faded. Rwy 34 mrkgs extrmly faded.
AIRPORT MANAGER: 814-592-9366
WEATHER DATA SOURCES: AWOS–3 127.525 (814) 343–4531. Ots indef.
COMMUNICATIONS: CTAF 122.9
Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc New York ARTCC at 631-468-1425.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (VH) (H) VORTACW 115.5 PSB Chan 102 N40°54.98′ W77°59.56′ 256° 4.7 NM to fld. 2443/10W.
VOR unusable:
005°–010° byd 40 NM
035°–060° byd 40 NM
095°–104° byd 40 NM
105°–115° byd 40 NM blo 18,000′
116°–145° byd 40 NM
146°–156° byd 40 NM blo 5,000′
146°–156° byd 70 NM
157°–171° byd 40 NM
172°–189° byd 40 NM blo 10,000′
172°–189° byd 78 NM
200°–205° byd 40 NM
320°–325° byd 40 NM
COMM/NAV/WEATHER REMARKS: Ctc NG Ops 30.5, 122.85, 242.4.



PITTSBURGH

ALLEGHENY CO (AGC)(KAGC) 4 SE UTC–5(–4DT) N40°21.27′ W79°55.74′ **DETROIT**
1252 B NOTAM FILE AGC **H–10H, 12I, L–29C**
RWY 10–28: H6501X150 (CONC–GRVD) S–90, D–120, 2S–152, 2D–210 HIRL **IAP, AD**
RWY 10: REIL. VASI(V4L)—GA 3.0° TCH 47′. RVR–R
RWY 28: MALS. RVR–T Trees.
RWY 13–31: H3825X100 (CONC–GRVD) S–20, D–22 HIRL
RWY 13: REIL.
RWY 31: REIL. Trees.
LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 10	13–31	3250

SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 1, 2, 3, 4 **LGT** ATC—CTL.
AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Jet A anti–ice avbl upon req. Apn main trml ramp prkg 12 hr PPR 412–759–7897. Lndg fee for acft 5,000 lbs and abv to incl all hels.
AIRPORT MANAGER: 412-472-5839
WEATHER DATA SOURCES: ASOS 120.55 (412) 466–8968.
COMMUNICATIONS: ATIS 120.55 **UNICOM** 122.95
RCO 122.2 (ALTOONA RADIO)
Ⓡ **PITTSBURGH APP/DEP CON** 119.35
TOWER 121.1 **GND CON** 121.7
AIRSPACE: CLASS D.
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
(L) (L) VORW/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 057° 6.9 NM to fld. 1285/9W.
VOR unusable:
036°–059° byd 10 NM blo 7,000′
071°–175°
226°–261° byd 10 NM
300°–310°
ILS 109.1 I–SAQ Rwy 10. Class IE. Unmonitored. Autopilot cpd apch NA blw 1,900′.
ILS 109.1 I–AGC Rwy 28. LOC offset 1.98 degs.

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HELIPAD H1: H47X45 (CONC)
HELIPORT REMARKS: Helipad lctd on GA apn E of Twy C.

PITTSBURGH INTL (PIT)(KPIT) P (AFRC ANG) 12 NW UTC–5(–4DT) N40°29.49′ W80°13.96′ **DETROIT**
1203 B LRA Class I, ARFF Index D NOTAM FILE PIT **H–10H, 12I, L–29C**
RWY 10R–28L: H11500X200 (CONC–GRVD) S–100, D–225, 2D–350 PCR 980 R/A/W/T HIRL CL **IAP, AD**
RWY 10R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71′. RVR–TMR Trees.
RWY 28L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 70′. RVR–TMR Trees. 0.3% up.
RWY 10C–28C: H10775X150 (ASPH–CONC–GRVD) S–100, D–149, 2D–260 PCR 804 R/A/W/T HIRL CL
RWY 10C: REIL. PAPI(P4L)—GA 3.0° TCH 50′. RVR–TMR Thld dsplcd 465′.
RWY 28C: TDZL. PAPI(P4L)—GA 3.0° TCH 43′. RVR–TMR Thld dsplcd 602′. Trees.
RWY 10L–28R: H10502X150 (ASPH–CONC–GRVD) S–100, D–225, 2D–400 PCR 980 R/A/W/T HIRL CL
RWY 10L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 83′. RVR–TMR 0.5% down.
RWY 28R: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71′. RVR–TMR Antenna.
RWY 14–32: H8101X150 (CONC–GRVD) S–100, D–225, 2D–410 PCR 835 R/A/W/T HIRL CL
RWY 14: PAPI(P4L)—GA 3.0° TCH 67′. RVR–TMR Pole. 0.5% down.
RWY 32: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 72′. RVR–TMR Thld dsplcd 335′. Trees. 0.3% up.
RUNWAY DECLARED DISTANCE INFORMATION

RWY 10C:	TORA–10775	TODA–10775	ASDA–10173	LDA–9708
RWY 10L:	TORA–10502	TODA–10502	ASDA–10502	LDA–10502
RWY 10R:	TORA–11500	TODA–11500	ASDA–11492	LDA–11492
RWY 14:	TORA–8101	TODA–8101	ASDA–7366	LDA–7366
RWY 28C:	TORA–10775	TODA–10775	ASDA–10310	LDA–9708
RWY 28L:	TORA–11500	TODA–11500	ASDA–11500	LDA–11500
RWY 28R:	TORA–10502	TODA–10502	ASDA–10102	LDA–10102
RWY 32:	TORA–8101	TODA–8101	ASDA–7801	LDA–7466

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

SERVICE: S2 **FUEL** 100LL, JET A **LGT** Rwy 10L ALSF2 and SSALR is a dual mode sys and ctl by twr and remote monitored. **MILITARY— JASU** (ANG) – (A/M32A–86) (AM32–95); (AFRC) – 2(A/M32A–86) (AM32–95) **FUEL** A, A+ (C412–472–6700, 1000–0400Z‡; After hr, 2 hr PPR and call out fee of $250 per occurrence for any delivery in excess of 5000 gal; Call C412–906–8772.) A++ Provided by ANG and AFRC.(Mil) (NC–100LL) **FLUID** LPOX LHNIT **OIL** O–156 **TRAN ALERT** No priority basis.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. Twr is authorized to have acft line up and wait on Rwy 28L at Twy P dur hrs of darkness. The specific rwy shall be used only for dep and the int must be visible from twr. Acft using Twy N prohibited to stop on overpass area due to possible emerg evacuation haz. Terminal taxilanes east of concourses A and B rstd to group 3 acft and smaller. Twy G int at Rwy 10L–28R rgt turn not allowed. Twy AA no turn–off onto Twy A for acft wingspan 171´ or greater exc PPR 412–472–5630. Pushback clnc required fr gates A100 and A101 at Cargo A. Ctc GC. Pushback fm these gates enters Twy N. Trml apn uncontrolled. Pushback pilot descretion. Do not exit trml apn at Twy C1, C4, V3, V4, D1, W. Ctc GC when hldg at Twy C2, C3, V1, V2, V5, V6, D2, D3. ASSC in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Twy Z btn Twy P and Hangar 7 apron rstrd to acft wingspan 118 ft or less. Ldg fee. NOTE: See Special Notices—Arrival Alert.

MILITARY REMARKS: ANG Opr 1130–2030Z‡ Mon–Fri exc hol. (CLOSED ev oth Mon). NSTD pavement markings on ANG ramp. No tran de–ice capability on ANG ramp. Official business only. PPR 48 hr prior notice rqr. Call DSN 294–7374/7428, C412–776–7374/7428. 20 min prior to ETA, ctc STEEL CON. ANG acft must ctc Tanker 303.0/Ftr opns 293.7 before crossing Rwy 28L to obtain clnc to enter. **AFRC** PPR/offl bus min 48 hr ctc afld mgmt DSN 277–8163, C412–474–8163. Ltd tran svc. Afld mgt nml duty hrs 1300–0100Z‡ Mon, Wed, Fri, 1300–0500Z‡ Tue, Thu, exc hol. Unit training assembly 1300–2100Z‡ Sat. Tran acft must have appvl of 911OG/CC for PPR dur off–duty hr. No svc avbl for space avbl pax dur off–duty hr. Call Pitt Comd Post (Iron City) by RDO 15 min prior to arrival. Afld mgmt does not issue or stor COMSEC. COMSEC stor ctc comd post DSN 277–8146. **CSTMS/AG/IMG** Coord with 171 ARW comd post DSN 312–294–7374 or 911AW Afld Mgmt DSN 312–277–8163. **CAUTION** BASH Phase II ops in effect 1 Jul–31 Aug annually. Unless msn requirements direct otherwise, flights should not be sked within +/– 1 hr of SS/SR. Tran aircrew should req bird watch cond fr AFRC (Pitt ops) on 252.1 or ANG ops (Steel ctl) on 311.0. Aircrew will be informed by Steel control or Pitt Ops (as applicable) if current BWC is other than low regardless of BASH phase. **RSTD** No haz CL/DIV 1.1 explosives permitted.

AIRPORT MANAGER: (412) 472-3509

WEATHER DATA SOURCES: ASOS (215) 798–0218 TDWR.

COMMUNICATIONS: D–ATIS ARR 127.25 **D–ATIS DEP** 135.9 **UNICOM** 122.95

Ⓡ **APP CON** 124.15 (001°–090°) 123.95 (091°–180°) 133.7 (181°–270°) 121.25 (271°–360°)

TOWER 128.3

CLNC DEL 126.75 **PRE–TAXI CLNC** 126.75 **GND CON** 121.9 (South) 127.8 (North)

Ⓡ **DEP CON** 119.35 (South) 124.75 (North) 125.275

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE PIT.

MONTOUR (L) DME 112.0 MMJ Chan 57 N40°29.28´ W80°11.63´ 277° 1.8 NM to fld. 1193.

DME unusable:
126°–165° byd 10 NM blo 5,000´
126°–165° byd 15 NM
350°–360° byd 30 NM

ILS 111.7 I–LXB Rwy 10L. Class IIIE.

ILS 108.9 I–GUT Rwy 10R. Class IIIE.

ILS 108.9 I–PFS Rwy 28L. Class IT.

ILS 111.7 I–HFE Rwy 28R. Class IIE.

ILS/DME 111.3 I–TQW Chan 50 Rwy 32. Class IE.

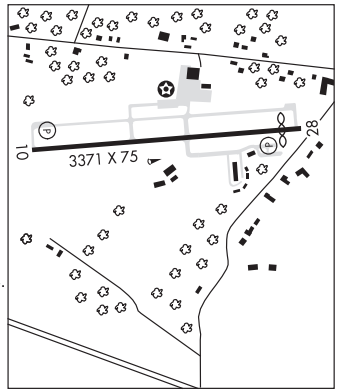
PITTSBURGH/BUTLER RGNL (See BUTLER on page 265)

POCONO MOUNTAINS RGNL (See MOUNT POCONO on page 292)

PORT MEADVILLE (See MEADVILLE on page 289)

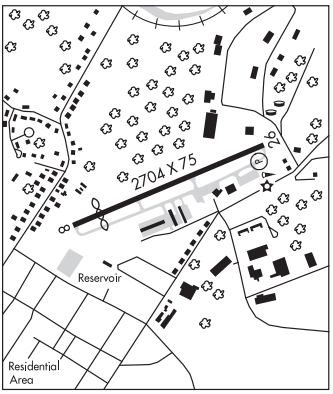
POTTSTOWN

HERITAGE FLD (PTW)(KPTW) 3 E UTC–5(–4DT) N40°14.37′ W75°33.40′ **NEW YORK**
308 B NOTAM FILE PTW **L–34G, A**
RWY 10–28: H3371X75 (ASPH) MIRL **IAP**
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 45′. Trees.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 45′. Thld dsplcd 190′. Trees. Rgt tfc.



SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE rotating bcn—122.7. ACTIVATE MIRL Rwy 10–28—122.7.
AIRPORT REMARKS: Attended Mon–Fri 1200–0100Z‡, Sat–Sun 1200–2300Z‡. Birds and deer on and invof arpt. Lgtd and marked 507′ AGL (769′ MSL) stack 6000′ west of Rwy 10. Ldg fee.
AIRPORT MANAGER: (610) 495-7000
WEATHER DATA SOURCES: ASOS 119.425 (610) 495–0823.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **PHILADELPHIA APP/DEP CON** 126.85 (800–354–9884)
CLNC DEL 118.55
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.
POTTSTOWN (L) (L) VORTACW 116.5 PTW Chan 112 N40°13.33′ W75°33.62′ 018° 1.1 NM to fld. 285/9W.
VOR unusable:
071°–104° blo 6,900′
071°–104° byd 30 NM
105°–120° byd 14 NM blo 3,000′
120°–140° blo 3,000′
120°–140° byd 20 NM
141°–159° byd 15 NM blo 6,000′
160°–179°
180°–205° byd 10 NM blo 5,500′
206°–220° byd 10 NM blo 4,500′
241°–269° byd 23 NM blo 5,500′
241°–285° byd 15 NM blo 4,500′
270°–285° byd 18 NM
270°–285° byd 6 NM blo 3,500′
286°–287° byd 28 NM blo 3,000′
288°–320° byd 25 NM
320°–339° byd 17 NM
340°–070° byd 14 NM blo 6,000′
340°–070° byd 36 NM
TACAN AZIMUTH unusable:
241°–286° byd 30 NM blo 5,500′
DME unusable:
268°–278° blo 4,000′
LOC 108.3 I–PTW Rwy 28.

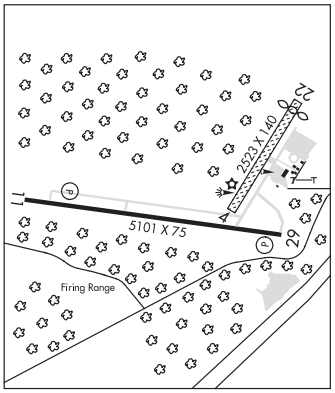
POTTSTOWN MUNI (N47) 2 NW UTC–5(–4DT) N40°15.63′ W75°40.25′ **NEW YORK**
256 B NOTAM FILE IPT **L–30K, 34G, A**
RWY 08–26: H2704X75 (ASPH) S–12 MIRL 0.4% up SW **IAP**
RWY 08: REIL. Thld dsplcd 380′. Tree.
RWY 26: REIL. PAPI(P2L)—GA 3.75° TCH 30′. Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 08–26, REIL Rwy 08 and Rwy 26—CTAF 122.8.
AIRPORT REMARKS: Unattended. For svc after hrs ctc amgr. Wildlife on and invof arpt.
AIRPORT MANAGER: 267-643-9958
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PHILADELPHIA APP/DEP CON** 126.85
CLNC DEL 118.55
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.
(L) (L) VORTACW 116.5 PTW Chan 112 N40°13.33′ W75°33.62′ 303° 5.6 NM to fld. 285/9W.
VOR unusable:
071°–104° blo 6,900′
071°–104° byd 30 NM
105°–120° byd 14 NM blo 3,000′
120°–140° blo 3,000′
120°–140° byd 20 NM
141°–159° byd 15 NM blo 6,000′
160°–179°
180°–205° byd 10 NM blo 5,500′
206°–220° byd 10 NM blo 4,500′
241°–269° byd 23 NM blo 5,500′
241°–285° byd 15 NM blo 4,500′
270°–285° byd 18 NM
270°–285° byd 6 NM blo 3,500′
286°–287° byd 28 NM blo 3,000′
288°–320° byd 25 NM
320°–339° byd 17 NM
340°–070° byd 14 NM blo 6,000′
340°–070° byd 36 NM
TACAN AZIMUTH unusable:
241°–286° byd 30 NM blo 5,500′
DME unusable:
268°–278° blo 4,000′



POTTSTOWN N40°13.33′ W75°33.62′ NOTAM FILE PTW. **NEW YORK**
(L) (L) VORTACW 116.5 PTW Chan 112 018° 1.1 NM to Heritage Fld. 285/9W. **H–10I, L–34G**
VOR unusable:
071°–104° blo 6,900′
071°–104° byd 30 NM
105°–120° byd 14 NM blo 3,000′
120°–140° blo 3,000′
120°–140° byd 20 NM
141°–159° byd 15 NM blo 6,000′
160°–179°
180°–205° byd 10 NM blo 5,500′
206°–220° byd 10 NM blo 4,500′
241°–269° byd 23 NM blo 5,500′
241°–285° byd 15 NM blo 4,500′
270°–285° byd 18 NM
270°–285° byd 6 NM blo 3,500′
286°–287° byd 28 NM blo 3,000′
288°–320° byd 25 NM
320°–339° byd 17 NM
340°–070° byd 14 NM blo 6,000′
340°–070° byd 36 NM
TACAN AZIMUTH unusable:
241°–286° byd 30 NM blo 5,500′
DME unusable:
268°–278° blo 4,000′

POTTSVILLE

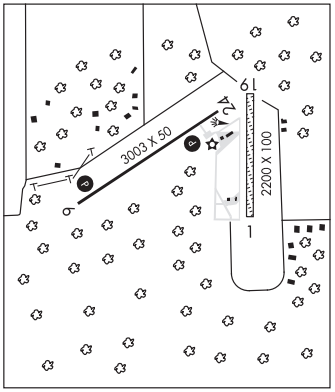
SCHUYLKILL CO/JOE ZERBEY (ZER)(KZER) 8 W UTC–5(–4DT) N40°42.41′ W76°22.43′ **NEW YORK**
1730 B NOTAM FILE IPT **H–10H, 12J, L–30J**
RWY 11–29: H5101X75 (ASPH) S–21 MIRL 0.5% up W **IAP**
RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 45′. Trees.
RWY 04–22: 2523X140 (TURF) 0.4% up NE
RWY 22: Thld dsplcd 200′. Trees.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 11 and 29; MIRL Rwy 11–29—CTAF. PAPI Rwy 11 and 29 on continuously.
AIRPORT REMARKS: Attended Mon–Fri 1230–2200Z‡, Sat–Sun on call. For svc after hrs 570–617–6002. AVGAS self serve with credit card. JET A self serve with credit card. GPU avbl for AC/DC power. Deer on and invof arpt. Rwy 04–22 not maintained winter months. Rwy 04–22 edge and dsplcd thld marked with orange cones.
AIRPORT MANAGER: (570) 617-6002
WEATHER DATA SOURCES: AWOS–3 127.575 (570) 544–2778.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **HARRISBURG APP/DEP CON** 118.25
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
RAVINE (L) (L) VORTACW 114.6 RAV Chan 93 N40°33.20′ W76°35.96′ 059° 13.8 NM to fld. 1750/11W.



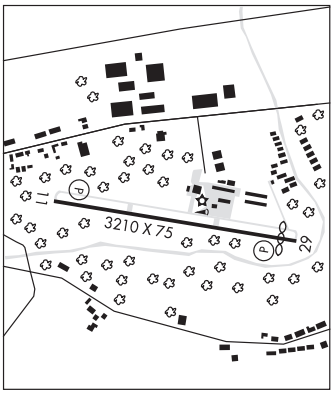
PRESQUE ISLE SPB (See ERIE on page 274)

PRESQUE ISLE BAY SPB (See ERIE on page 274)

PUNXSUTAWNEY MUNI (N35) 3 NE UTC–5(–4DT) N40°58.01′ W78°55.79′ **DETROIT**
1445 B NOTAM FILE AOO **L–30I**
RWY 06–24: H3003X50 (ASPH) S–12.5 MIRL 0.9% up NE **IAP**
RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 45′. Trees.
RWY 24: REIL. PAPI(P2L)—GA 4.0° TCH 40′. Road.
RWY 01–19: 2200X100 (TURF) MIRL 0.4% up N
RWY 01: REIL. Trees.
RWY 19: REIL.
SERVICE: **FUEL** 100LL **LGT** ACTVT REIL Rwy 01 and 19, Rwy 06 and 24; PAPI Rwy 06 and 24; MIRL Rwy 01–19 and Rwy 06–24—CTAF. Rwy 24 REIL is on a day sensor, oper durg hrs of darkness only.
AIRPORT REMARKS: Unattended. For svc after hrs ctc 814–590–1137. Fuel self–serve with credit card. Birds, deer and woodchuck on and invof arpt. Rwy 01–19 clsd Dec–Apr. Rwy 19 22′ road 146′ from rwy end across centerline. 56′ stack east of Rwy 01. Rwy 01–19 NSTD markings, rwy marked with orange cones. Turf soft and wet during spring thaw.
AIRPORT MANAGER: (814) 590-1137
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **CLEVLAND CENTER APP/DEP CON** 126.725 or ctc Cleveland ARTCC at 440–774–0234.
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0234.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
CLARION (DH) DME 113.85 CIP Chan 85(Y) N41°08.78′ W79°27.48′ 114° 26.3 NM to fld. 1520.



QUAKERTOWN (UKT)(KUKT) 2 W UTC–5(–4DT) N40°26.11′ W75°22.92′ **NEW YORK**
525 B NOTAM FILE UKT **L–33A, 34G**
RWY 11–29: H3210X75 (ASPH) S–12 MIRL 0.6% up W **IAP**
RWY 11: REIL. PAPI(P2L)—GA 4.0° TCH 44′. Trees.
RWY 29: REIL. PAPI(P2L)—GA 4.0° TCH 48′. Thld dsplcd 190′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 11: TORA–3210 TODA–3210
RWY 29: TORA–3210 TODA–3210
SERVICE: S4 **FUEL** 100LL **LGT** Dusk–Dawn. ACTVT REIL Rwy 11 and Rwy 29; MIRL Rwy 11–29—CTAF.
AIRPORT REMARKS: Attended 1330–2200Z‡. 100LL avbl 24 hrs self–serve credit card. Deer on and invof arpt. Acft with wingspan greater than 54.5′ must coordinate with arpt manager.
AIRPORT MANAGER: 215-720-9715
WEATHER DATA SOURCES: AWOS–3 119.475 (215) 538–7610.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **PHILADELPHIA APP/DEP CON** 123.8
CLNC DEL 118.55
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
EAST TEXAS (L) (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 131° 16.4 NM to fld. 741/9W.
VOR unusable:
255°–265°

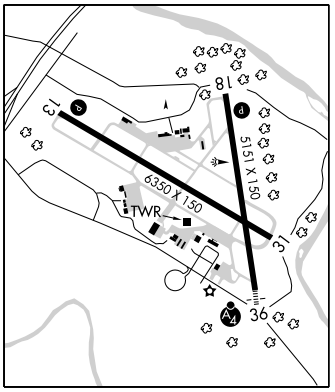


RAVINE N40°33.20′ W76°35.96′ NOTAM FILE IPT. **NEW YORK**
(L) (L) VORTACW 114.6 RAV Chan 93 059° 13.8 NM to Schuylkill Co/Joe Zerbey. 1750/11W. **H–10H, L–30J**

READING RGNL/CARL A SPAATZ FLD (RDG)(KRDG) 3 NW UTC–5(–4DT) N40°22.71′ **NEW YORK**
W75°57.91′ **H–10I, 12J, L–30K, 34G, A**
343 B ARFF Index—See Remarks NOTAM FILE RDG **IAP, AD**
RWY 13–31: H6350X150 (ASPH–GRVD) S–75, D–200, 2S–175, 2D–400 PCR 610 F/C/X/T HIRL
RWY 13: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Trees.
RWY 31: REIL.
RWY 18–36: H5151X150 (ASPH–GRVD) S–75, D–200, 2S–175, 2D–400 PCR 610 F/C/X/T HIRL 1.0% up S
RWY 18: PAPI(P4L)—GA 3.0° TCH 56′. Trees.
RWY 36: MALSF. RVR–T Trees.
LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 13	18–36	5200
RWY 18	13–31	3050

RUNWAY DECLARED DISTANCE INFORMATION
RWY 13: TORA–6350 TODA–6350 ASDA–6350 LDA–6350
RWY 18: TORA–5151 TODA–5151 ASDA–5151 LDA–5151
RWY 31: TORA–6350 TODA–6350 ASDA–6350 LDA–6350
RWY 36: TORA–5151 TODA–5151 ASDA–5151 LDA–5151
ARRESTING GEAR/SYSTEM
RWY 13: EMAS



SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** When ATCT clsd ACTVT MALSF Rwy 36; REIL Rwy 13, 31; PAPI Rwy 13 and 18; HIRL Rwy 13–31 and 18–36; twy lgts—CTAF. Rwy 13 PAPI unusbl byd 3 degs left of cntrln.
AIRPORT REMARKS: Attended 1100–0400Z‡. Birds on & invof arpt. ARFF Index C avbl upon req ctc amgr. PPR 24 hrs for acft opns with more than 30 pax seats. Call amgr 610–372–4666. Ldg fee for turbine acft.
AIRPORT MANAGER: 610-372-4666
WEATHER DATA SOURCES: ASOS 127.1 (610) 372–9863.
COMMUNICATIONS: CTAF 119.9 **ATIS** 127.1 **UNICOM** 122.95
Ⓡ **HARRISBURG APP/DEP CON** 125.15
TOWER 119.9 (1100–0500Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Harrisburg Apch at 800-932-0712.
AIRSPACE: CLASS D svc 1100–0500Z‡; other times CLASS E.

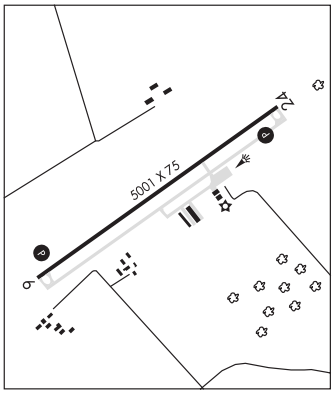
CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
EAST TEXAS (L) (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 236° 17.7 NM to fld. 741/9W.
VOR unusable:
255°–265°
ILS/DME 110.55 I–VXO Chan 42(Y) Rwy 13. Class IA. DME unusable byd 19° right of course; byd 8° left of course byd 18 NM. Glideslope unusable byd 004° left of course.
ILS 109.5 I–RDG Rwy 36. Class IB. Unmonitored when ATCT closed.

REEDSVILLE

MIFFLIN CO (RVL)(KRVL) 5 NW UTC–5(–4DT) N40°40.64′ W77°37.61′ **DETROIT**
819 B NOTAM FILE IPT **H–10H, 12J, L–30J**
RWY 06–24: H5001X75 (ASPH) S–60 MIRL **IAP**
RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 48′. Trees.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 42′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 06 and Rwy 24; PAPI Rwy 06 and Rwy 24; MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Attended May 1–Oct 31 Mon–Fri 1300–2200Z‡, Nov 1–Apr 30 Mon–Fri 1300–2100Z‡, Sat 1300–1700Z‡. 100LL self–svc 24 hrs. Jet–A fuel by appointment only after hrs. Call 717–994–0323 during attended hrs to make appointment. Phone numbers posted on the office door for after hr calls. Glider activity during summer months. Helicopters land on apron.
AIRPORT MANAGER: 717-667-6829
WEATHER DATA SOURCES: AWOS–3PT 123.85 (717) 667–3993.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**NEW YORK CENTER APP/DEP CON** 134.8
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.



RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (VH) (H) VORTACW 115.5 PSB Chan 102
N40°54.98′ W77°59.56′ 141° 22.0 NM to fld. 2443/10W.
VOR unusable:
005°–010° byd 40 NM
035°–060° byd 40 NM
095°–104° byd 40 NM
105°–115° byd 40 NM blo 18,000′
116°–145° byd 40 NM
146°–156° byd 40 NM blo 5,000′
146°–156° byd 70 NM
157°–171° byd 40 NM
172°–189° byd 40 NM blo 10,000′
172°–189° byd 78 NM
200°–205° byd 40 NM
320°–325° byd 40 NM
LOC 109.3 I–RVL Rwy 06. LOC unmonitored. LOC unusable byd 20° either side of course; byd 16 NM blo 4,000′.

REIGLE FLD (See PALMYRA on page 294)

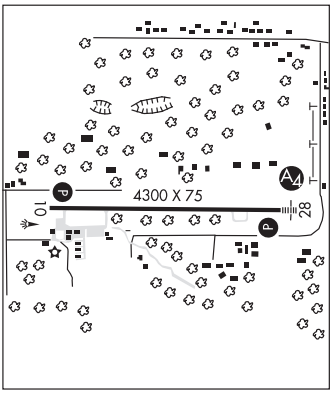
REVLOC N40°32.79′ W78°44.82′ NOTAM FILE AOO. **DETROIT**
(DH) DME 114.75 REC Chan 94(Y) 194° 5.3 NM to Ebensburg. 2340. **L–29D**

ROCK SPRINGS FLF N40°47.40′ W77°51.60′/1230 **DETROIT**
ASOS (814) 237–5778

ROCKY HILL (See CRESCO on page 270)

ROSTRAVER (See MONONGAHELA on page 290)

ST MARYS MUNI (OYM)(KOYM) 3 SE UTC–5(–4DT) N41°24.75′ W78°30.16′ **DETROIT**
1934 B NOTAM FILE AOO **L–30I**
RWY 10–28: H4300X75 (ASPH–GRVD) S–33 MIRL 0.7% up E **IAP**
RWY 10: PAPI(P4L)—GA 3.0° TCH 41′. Trees.
RWY 28: MALS. PAPI(P4L)—GA 3.0° TCH 39′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALS Rwy 28; PAPI Rwys 10 and 28; MIRL Rwy 10–28—CTAF. PAPI Rwy 10 unusbl byd 5° right of cntrln. Rwy 28 PAPI unusbl byd 8° right of cntrln.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. Cold temperature airport. Altitude correction required at or below –36C.
AIRPORT MANAGER: 814-834-4671
WEATHER DATA SOURCES: AWOS–3P 118.05 (814) 834–9416.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725
CLNC DEL 122.4 (ALTOONA RADIO)
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0234.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
SLATE RUN (H) (H) VORTACW 113.9 SLT Chan 86 N41°30.77′ W77°58.21′ 264° 24.8 NM to fld. 2310/8W.
KEATING (H) (H) VORTACW 116.0 ETG Chan 107 N41°12.90′ W78°08.57′ 316° 20.1 NM to fld. 2250/10W.
LOC/DME 108.9 I–OYM Chan 26 Rwy 28. Unmonitored indef.



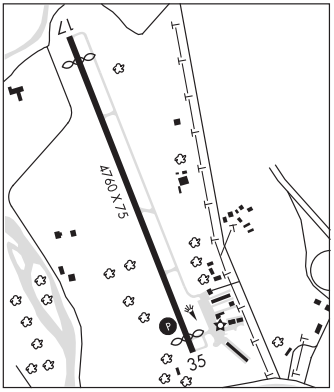
ST THOMAS N39°55.99′ W77°57.06′ NOTAM FILE AOO. **WASHINGTON**
(L) TACAN 115.0 THS Chan 97 087° 14.4 NM to Franklin Co Rgnl. 2338/7W. **H–10H, L–29D, A**

SCHUYLKILL CO/JOE ZERBEY (See POTTSVILLE on page 303)

SEAMANS FLD (See FACTORYVILLE on page 275)

SELINSGROVE

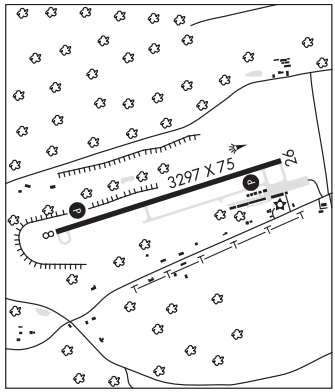
PENN VALLEY (SEG)(KSEG) 1 N UTC–5(–4DT) N40°49.27′ W76°51.85′ **NEW YORK**
464 B NOTAM FILE SEG **L–30J**
RWY 17–35: H4760X75 (ASPH) S–27, D–27 MIRL 0.5% up N **IAP**
RWY 17: REIL. Thld dsplcd 388′. Tree.
RWY 35: REIL. PAPI(P4L)—GA 3.5° TCH 45′. Thld dsplcd 250′. Trees.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 17 and Rwy 35; PAPI Rwy 35; MIRL Rwy 17–35—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1300–2300Z‡, Sat–Sun 1300–2100Z‡. Rising terrain both sides of apch to Rwy 17. Deer and birds on and in vicinity of arpt. Ramp fee for twin eng and lrgr acft unless fuel purchased. Cold temperature airport. Altitude correction required at or below –13C.
AIRPORT MANAGER: 570-809-4701
WEATHER DATA SOURCES: ASOS 123.975 (570) 374–4099.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **HARRISBURG APP/DEP CON** 118.25
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.
SELINSGROVE (L) (L) VORW/DME 110.4 SEG Chan 41 N40°47.45′ W76°53.04′ 034° 2.0 NM to fld. 610/8W.
VOR unusable:
098°–150° byd 20 NM blo 5,000′
106°–116° byd 20 NM blo 10,000′
151°–185° byd 19 NM
250°–285° byd 10 NM blo 14,000′
295°–300° byd 25 NM blo 4,500′
DME unusable:
098°–150° byd 20 NM blo 5,000′
151°–185° byd 19 NM
255°–265° blo 7,000′
295°–300° byd 25 NM blo 4,500′



SELINSGROVE N40°47.45′ W76°53.04′ NOTAM FILE SEG. NEW YORK
H–10H, 12I, L–30J
(L) (L) VORW/DME 110.4 SEG Chan 41 034° 2.0 NM to Penn Valley. 610/8W.
VOR unusable:
098°–150° byd 20 NM blo 5,000′
106°–116° byd 20 NM blo 10,000′
151°–185° byd 19 NM
250°–285° byd 10 NM blo 14,000′
295°–300° byd 25 NM blo 4,500′
DME unusable:
098°–150° byd 20 NM blo 5,000′
151°–185° byd 19 NM
255°–265° blo 7,000′
295°–300° byd 25 NM blo 4,500′

SHAMOKIN

NORTHUMBERLAND CO (N79) 3 N UTC–5(–4DT) N40°50.22′ W76°33.15′ NEW YORK
881 B NOTAM FILE IPT L–30J
RWY 08–26: H3297X75 (ASPH) S–12.5 MIRL 0.8% up E IAP
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 41′. Trees.
RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40′.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 08 and 26; PAPI Rwy 08 and 26, MIRL Rwy 08–26—121.8. Rwy 08 PAPI unusbl byd 7 deg right of cntrln. Rwy 26 PAPI unusbl byd 8 deg left and byd 6 deg right of rwy cntrln.
AIRPORT REMARKS: Attended on Mon–Fri 1300–1900Z‡, Sat–Sun on call.
AIRPORT MANAGER: 570-898-8588
WEATHER DATA SOURCES: AWOS–3 119.175 (570) 672–0389.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HARRISBURG APP/DEP CON** 118.25
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.
SELINSGROVE (L) (L) VORW/DME 110.4 SEG Chan 41 N40°47.45′ W76°53.04′ 088° 15.4 NM to fld. 610/8W.
VOR unusable:
098°–150° byd 20 NM blo 5,000′
106°–116° byd 20 NM blo 10,000′
151°–185° byd 19 NM
250°–285° byd 10 NM blo 14,000′
295°–300° byd 25 NM blo 4,500′
DME unusable:
098°–150° byd 20 NM blo 5,000′
151°–185° byd 19 NM
255°–265° blo 7,000′
295°–300° byd 25 NM blo 4,500′



SHOESTRING AVIATION AIRFIELD (See STEWARTSTOWN on page 309)

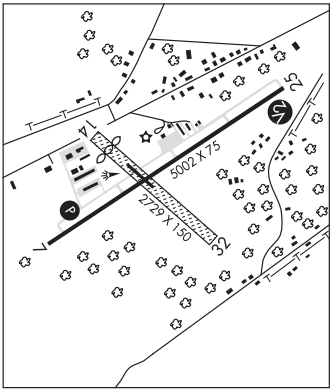
SKYHAVEN (See TUNKHANNOCK on page 312)

SLATE RUN N41°30.77′ W77°58.21′ NOTAM FILE AOO. DETROIT
H–10H, L–30I
(H) (H) VORTACW 113.9 SLT Chan 86 264° 24.8 NM to St Marys Muni. 2310/8W.

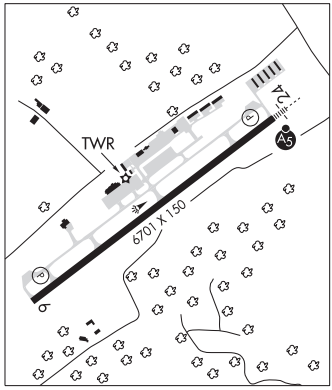
SLATINGTON (69N) 1 N UTC–5(–4DT) N40°45.82′ W75°36.29′ NEW YORK
380 B NOTAM FILE IPT
RWY 01–19: H2455X50 (ASPH) RWY LGTS(NSTD)
RWY 01: Thld dsplcd 352′. Trees.
RWY 19: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT LIRL Rwy 01–19 and rotating bcn—CTAF. Rwy 01–19 Non standard LIRL located 10′ outboard fm rwy edges. Rwy 19 end lgts located outboard from rwy edges.
AIRPORT REMARKS: Attended Mon–Sat dalgt hrs. For svc after hours call 610–799–3302. +977′ hill 7700′ from Rwy 19 thld. Rwy 01–19 clsd to tsnt acft SS–SR.
AIRPORT MANAGER: 610-767-5881
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

SMOKETOWN (S37) 0 N UTC–5(–4DT) N40°02.50′ W76°12.11′ **NEW YORK**
370 B NOTAM FILE IPT
RWY 10–28: H2750X50 (ASPH) S–12.5, D–12.5 LIRL 1.3% up W
RWY 10: Thld dsplcd 517′. Road.
RWY 28: Thld dsplcd 110′.
SERVICE: S4 **FUEL** 100LL, UL94
AIRPORT REMARKS: Attended Mon–Sat 1300–2200Z‡, Sun 1800–2200Z‡. Rwy 28 preferred rwy for ldg in lgt wind conditions.
AIRPORT MANAGER: 717-394-6476
COMMUNICATIONS: CTAF/UNICOM 123.05
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

SOMERSET CO (2G9) 3 NE UTC–5(–4DT) N40°02.31′ W79°00.92′ **DETROIT**
2275 B NOTAM FILE AOO **H–10H, 12I, L–29D**
RWY 07–25: H5002X75 (ASPH) S–18 MIRL 1.5% up W **IAP**
RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 56′.
RWY 25: REIL. PVASI(PSIL)—GA 3.0° TCH 29′. Pole.
RWY 14–32: 2729X150 (TURF) 1.0% up SE
RWY 14: Thld dsplcd 335′. Road.
RWY 32: Trees.
SERVICE: **FUEL** 100LL, JET A, A+ **LGT** MIRL Rwy 07–25 and twy lgts on dusk–0500Z‡; ACTVT REIL Rwy 07–25, PAPI Rwy 07; PVASI Rwy 25—CTAF.
AIRPORT REMARKS: Attended 1300–2100Z‡. Unatndd New Years Day, Easter, Thanksgiving, day aft Thanksgiving, Christmas Day and all federal hols. 24 hr self–service fueling avbl. Single–point refueling avbl on request. Rwy 14–32 unusable during spring thaw, wet periods and snow; check NOTAMS. Rwy 14–32 617 ft by 60 ft asph at intersection with Rwy 07–25 and parallel twy. Rwy 14 and Rwy 32 marked with yellow cones. Rwy 14 335 ft dthr mkd with yellow cones.
AIRPORT MANAGER: 814-445-1599
WEATHER DATA SOURCES: AWOS–3P 133.8 (814) 443–2114.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200–0400Z‡ or ctc 814–532–5960), other times ctc
Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400–1200Z‡) or ctc Cleveland ARTCC at 440–774–0234.
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
INDIAN HEAD (L) TACAN Chan 19 IHD (108.2) N39°58.45′ W79°21.50′ 082° 16.3 NM to fld. 2820/6W. TACAN AZIMUTH OTS indef
LOC 108.7 I–SOZ Rwy 25. LOC unusable byd 18° left and right of course.



STATE COLLEGE RGNL (UNV)(KUNV) 3 N UTC–5(–4DT) N40°51.00′ W77°50.86′ **DETROIT**
1231 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE UNV **H–10H, 12J, L–30I**
RWY 06–24: H6701X150 (ASPH–GRVD) S–50, D–110 **IAP, AD**
PCR 600 F/C/X/T HIRL 0.6% up SW
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 45′. RVR–R Rgt tfc.
RWY 24: MALSR. PAPI(P4R)—GA 3.0° TCH 55′. RVR–T Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–6701 TODA–6701 ASDA–6701 LDA–6701
RWY 24: TORA–6701 TODA–6701 ASDA–6701 LDA–6701
SERVICE: S3 **FUEL** 100LL, JET A **OX** 4 **LGT** When ATCT clsd ACTVT MALSR Rwy 24; REIL Rwy 06; HIRL Rwy 06–24 and twy lgts—CTAF.
AIRPORT REMARKS: Attended continuously. Student training 2.5 NM NE at Bellefonte Arpt. Acft on either end Rwy 06–24 cannot be seen on other end due to rwy grade. Rwy 06–24 grvd portion of rwy center 80′. PPR 24 hrs for unsked ACR ops with more than 9 pax seats and for ARFF coverage btn 0400–0900Z‡ call amgr. TPA 2192(961) single engine acft, 2692(1461) multi engine acft. Deicing equip avbl on apn adj to Twy B btn Twys D and B3. 35′ AGL lgt poles on the north edge of de–ice apron. Air cgo aprn rstd to acft less than 12500 lbs. Lndg fee for sngl eng, multi eng acft and helicopters. Spl event fee for sngl eng, multi eng acft and helicopters on university home football games wkends. NOTE: See Special Notices—Arrival Alert.



AIRPORT MANAGER: 814-865-4042
WEATHER DATA SOURCES: ASOS (814) 865–8799 SAWRS.
COMMUNICATIONS: CTAF 128.475 **D–ATIS** 127.65 **UNICOM** 122.95
NEW YORK CENTER APP/DEP CON 134.8 (when twr clsd)
TOWER 128.475 (1100–0300Z‡) **GND CON** 125.725 **CLNC DEL** 125.725 118.55 (when twr clsd)
AIRSPACE: CLASS D svc 1100–0300Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (VH) (H) VORTACW 115.5 PSB Chan 102 N40°54.98′ W77°59.56′ 131° 7.7 NM to fld. 2443/10W.
VOR unusable:
005°–010° byd 40 NM
035°–060° byd 40 NM
095°–104° byd 40 NM
105°–115° byd 40 NM blo 18,000′
116°–145° byd 40 NM
146°–156° byd 40 NM blo 5,000′
146°–156° byd 70 NM
157°–171° byd 40 NM
172°–189° byd 40 NM blo 10,000′
172°–189° byd 78 NM
200°–205° byd 40 NM
320°–325° byd 40 NM
ILS/DME 111.7 I–UNV Chan 54 Rwy 24. Class IA.

STEWARTSTOWN

SHOESTRING AVIATION AIRFIELD (ØP2) 3 NW UTC–5(–4DT) N39°47.78′ W76°38.78′ **WASHINGTON**
1000 NOTAM FILE IPT
RWY 06U–24U: 1000X100 (TURF)
RWY 06U: Trees.
RWY 24U: Crops. Rgt tfc.
RWY 15–33: 1000X100 (TURF)
RWY 15: Rgt tfc.
RWY 33: Thld dsplcd 500′. Trees.
SERVICE: S4
AIRPORT REMARKS: Attended irregularly. Extensive ultralgt activity on and invof arpt. Rwy 15–33 and Rwy 06U–24U used for ultralight ops. Major airframe and powerplant rpr for lgt sport acft only. Rwy 06U–24U and Rwy 15–33 mkd with orange patio blocks. Dthrs mkd with 3 white pavers each side. Rwy 24U dsplcd 183 ft.
AIRPORT MANAGER: 717-235-6724
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

STONYFORK N41°41.72′ W77°25.19′ NOTAM FILE IPT. **DETROIT**
(L) (L) VORW/DME 108.6 SFK Chan 23 037° 2.3 NM to Grand Canyon Rgnl. 1985/8W. **H–10H, L–30J**

SUNBURY

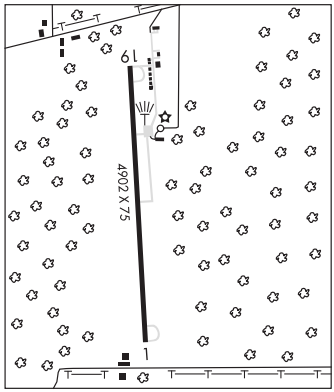
SUNBURY (71N) 2 NE UTC–5(–4DT) N40°53.51′ W76°46.73′ **NEW YORK**
450 NOTAM FILE IPT
RWY 05–23: 3250X250 (TURF)
RWY 05: Thld dsplcd 1050′. Trees.
RWY 23: Trees.
SERVICE: S2
AIRPORT REMARKS: Attended irregularly. Glider ops on and invof arpt. Mountain 560′ AGL .5 miles east AER 23. Tree lines border north and south sides of the rwy and penetrate transitional sfc. Ground hog holes SE edge of rwy. Rwy 05–23 outlined with white buckets. Rwy 05 dsplcd thld mkd with white panels.
AIRPORT MANAGER: (570) 847-5865
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

SUNBURY SPB (H11) 3 NE UTC–5(–4DT) N40°54.79′ W76°43.98′ **NEW YORK**
430 NOTAM FILE IPT
WATERWAY 07W–25W: 5000X250 (WATER)
WATERWAY 25W: Rgt tfc.
SERVICE: S2
SEAPLANE REMARKS: Attended Jun–Aug irregularly dalgt hrs. PPR 48 hrs prior to arrival due to changing conditions and attendance, 570–850–2671 or 570–743–3229. Extreme caution maintained to insure mutual safety of boaters and flt ops, coordination be made with Sunbury Arpt on CTAF 122.9 to assure adequate separation of ops, and largest class of acft recommended is single engine. Rwy 07W–25W 850′ MSL ridge line parallel to rwy south side.
AIRPORT MANAGER: 570-743-3229
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

THERMAL–G (See ERIE on page 274)

TIDIOUTE N41°42.78′ W79°25.04′ NOTAM FILE AOO. **DETROIT L–30H**
(L) DME 117.6 TDT Chan 123 247° 15.9 NM to Titusville. 1710.
DME unusable:
041°–051° byd 30 NM blo 4,000′
305°–340° byd 24 NM blo 3,500′
340°–005° byd 24 NM blo 5,000′

TITUSVILLE (6G1) 3 W UTC–5(–4DT) N41°36.53′ W79°44.48′ **DETROIT L–30H**
1600 B NOTAM FILE AOO **IAP**
RWY 01–19: H4902X75 (ASPH) S–12.5 MIRL 1.4% up N
RWY 01: Trees.
RWY 19: Tree.
SERVICE: S2 **FUEL** 100LL **LGT** Arpt beacon SS–SR. ACTVT MIRL Rwy 01–19 on CTAF.
AIRPORT REMARKS: Unatndd. Birds and deer on and invof arpt. Radio controlled acft invof arpt. Fuel avbl 24/7 with credit card. Gyro opns invof arpt last Sat every month. Parallel twy and north jug handle twy marked with blue reflectors. Rwy 01 open for tkof and lndg SR–SS, clsd for lndg SS–SR.
AIRPORT MANAGER: 814-827-5300
COMMUNICATIONS: CTAF 122.9
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 127.075 (0500–1100Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0232.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
TIDIOUTE (L) DME 117.6 TDT Chan 123 N41°42.78′ W79°25.04′ 247° 15.9 NM to fld. 1710.
DME unusable:
041°–051° byd 30 NM blo 4,000′
305°–340° byd 24 NM blo 3,500′
340°–005° byd 24 NM blo 5,000′
FRANKLIN (L) VORW 109.6 FKL N41°26.31′ W79°51.40′ 033° 11.5 NM to fld. 1528/6W. NOTAM FILE FKL.
VOR unusable:
140°–207° byd 20 NM blo 9,000′
248°–291° blo 4,000′
355°–005° blo 4,000′



TOTAL RF HELIPORT (See BENSALEM on page 263)

TOUGHKENAMON

NEW GARDEN (N57) 1 W UTC–5(–4DT) N39°49.83′ W75°46.19′ **WASHINGTON L–34G, A IAP**

435 B NOTAM FILE IPT

RWY 06–24: H3693X60 (ASPH) MIRL

RWY 06: Trees.

RWY 24: Trees.

SERVICE: S4 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 06–24—CTAF.

NOISE: Rwy 06 noise abatement climb to 1200 ft MSL before turning crosswind.

AIRPORT REMARKS: Attended 1300–2200Z‡. For assistance after hrs ctc 610–476–1702. Deer and other wildlife on and invof arpt. Glider ops invof airport. Turf sfc south of rwy for glider recovery only. Ovngt prkg fee.

AIRPORT MANAGER: 610-268-2619

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **PHILADELPHIA APP/DEP CON** 124.35

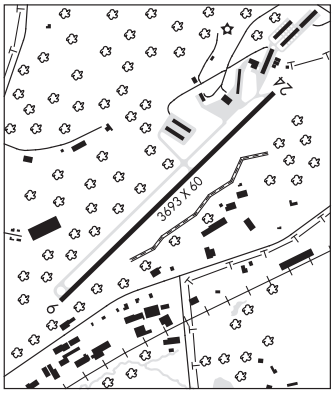
CLNC DEL 125.6

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) (L) VORTACW 113.2 MXE Chan 79 N39°55.08′ W75°40.25′ 230° 7.0 NM to fld. 473/9W.

VOR unusable:
036°–046°
047°–057° byd 10 NM
058°–085°
170°–248° byd 27 NM blo 7,500′
170°–248° byd 30 NM blo 9,500′
170°–248° byd 8 NM blo 6,000′
268°–278° byd 28 NM
278°–290° blo 10,000′
290°–326°



TOWANDA

BRADFORD CO (N27) 2 S UTC–5(–4DT) N41°44.40′ W76°26.83′ **NEW YORK L–30J IAP**

730 B NOTAM FILE IPT

RWY 05–23: H4301X75 (ASPH) S–12 MIRL 0.4% up SW

RWY 05: REIL. PAPI(P2L)—GA 3.0° TCH 37′.

RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 37′.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 05 and 23; PAPI Rwy 05 and 23; MIRL Rwy 05–23—CTAF.

AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. Sat–Sun March to October 1300–2100Z‡. Unattended Sat–Sun November to February. For svc after hrs call 570–637–4902.

AIRPORT MANAGER: 570-265-4900

WEATHER DATA SOURCES: AWOS–3 119.925 (570) 265–1024.

COMMUNICATIONS: CTAF/UNICOM 123.0

BINGHAMTON APP/DEP CON 118.6 (1100–0500Z‡)

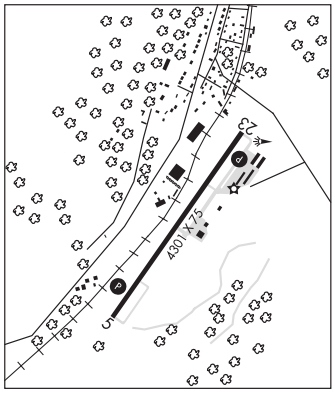
NEW YORK CENTER APP/DEP CON 132.175 (0500–1100Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc binghamton Apch at 607-729-6146. When Apch clsd, ctc New York ARTCC at 631-468-1425.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

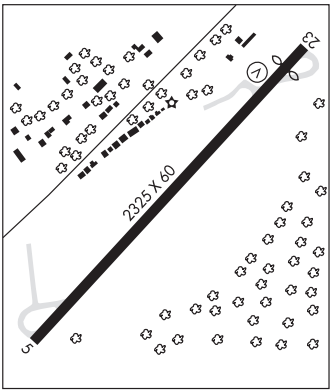
BINGHAMTON (L) (L) VORW/DME 112.2 CFB Chan 59 N42°09.45′ W76°08.19′ 219° 28.6 NM to fld. 1583/10W.

VOR unusable:
023°–033° byd 15 NM blo 6,000′



TOWER CITY

BENDIGO (74N) 2 S UTC–5(–4DT) N40°33.54′ W76°33.58′ NEW YORK
791 B NOTAM FILE IPT L–30J
RWY 05–23: H2325X60 (ASPH–CONC) S–12.5 MIRL IAP
RWY 05: Trees.
RWY 23: VASI(V2R)—GA 3.0° TCH 25′. Thld dsplcd 181′. Tree.
SERVICE: **LGT** ACTVT MIRL Rwy 05–23—CTAF. Rwy 23 VASI OTS indefly.
AIRPORT REMARKS: Unattended. Rwy 05 clsd daily SS–SR. Deer and wildlife on and ivof arpt. 160 ft lighted twr 400 ft north of rwy midfield. Rapidly rising terrain 1500 MSL N–NW of Rwy 05. Mountain ridge 1500 MSL 1 NM S of arpt parallel to Rwy 05–23.
AIRPORT MANAGER: 610-413-7428
COMMUNICATIONS: CTAF 122.9
Ⓡ **HARRISBURG APP/DEP CON** 126.45
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
RAVINE (L) (L) VORTACW 114.6 RAV Chan 93 N40°33.20′ W76°35.96′ 090° 1.8 NM to fld. 1750/11W.



TUNKHANNOCK

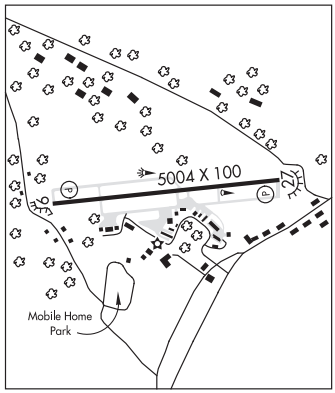
SKYHAVEN (76N) 1 S UTC–5(–4DT) N41°31.69′ W75°56.75′ NEW YORK
639 NOTAM FILE IPT
RWY 01–19: H2007X50 (ASPH) S–12.5 1.0% up S
RWY 19: Thld dsplcd 438′. Trees.
SERVICE: S4 **FUEL** 100LL
AIRPORT REMARKS: Attended 1300Z‡–dusk. Parachute Jumping. For svc after hrs phone 570–466–0697/570–362–4169/570–836–3884.
AIRPORT MANAGER: 570-466-0697
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WILKES–BARRE APP/DEP CON** 120.95
CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.

VANSANT (See ERWINNA on page 274)

VENANGO RGNL (See FRANKLIN on page 276)

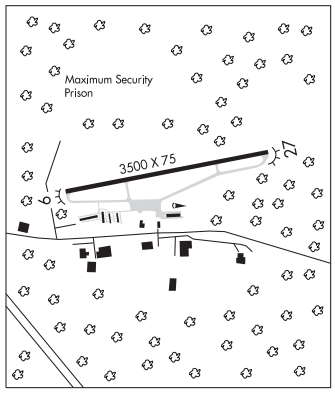
W P H S HELIPORT (See MOUNT PLEASANT on page 291)

WASHINGTON CO (AFJ)(KAFJ) 3 SW UTC–5(–4DT) N40°08.19′ W80°17.41′ **DETROIT**
1184 B NOTAM FILE AFJ **H–10H, 12I, L–29C**
RWY 09–27: H5004X100 (ASPH) S–40, D–60, 2D–90 HIRL **IAP**
RWY 09: PAPI(P4L)—GA 3.71° TCH 85′. Trees.
RWY 27: REIL. PAPI(P4L)—GA 3.09° TCH 62′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 1, 3 **LGT** ACTVT REIL Rwy 27; HIRL Rwy 09–27—CTAF. Rwy 09 PAPI unusbl byd 7 degs right of cntrln.
AIRPORT REMARKS: Attended Mon–Fri 1200–0000Z‡, Sat–Sun 1200–2200Z‡. Birds on and invof rwy. 208 ft hill and trees 2937 ft fm thld Rwy end 09. 226 ft hill and trees 2941 ft fm thld Rwy end 09. 288 ft hill and trees 7238 ft fm thld Rwy end 27. 268 ft hill and trees 8091 ft fm thld Rwy end 27. 158 ft obstr lit pole approx 3389 ft fm thld Rwy end 09. 159 ft obstr lit pole approx 3055 ft fm thld Rwy end 09.
AIRPORT MANAGER: 724-228-5151
WEATHER DATA SOURCES: AWOS–3PT 119.175 (724) 228–3529.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **PITTSBURGH APP/DEP CON** 119.35
CLNC DEL 127.3
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
ALLEGHENY (L) (L) VORW/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 242° 14.3 NM to fld. 1285/9W.
VOR unusable:
036°–059° byd 10 NM blo 7,000′
071°–175°
226°–261° byd 10 NM
300°–310°
WHEELING (L) (L) VORW/DME 114.25 HLG Chan 89(Y) N40°15.59′ W80°34.12′ 127° 14.8 NM to fld. 1269/7W. NOTAM FILE HLG.
VOR unusable:
005°–045°
105°–190° byd 7 NM
315°–320° blo 3,000′
ILS/DME 110.3 I–AFJ Chan 40 Rwy 27. Glideslope unusable byd 5° left of course.



WAYNESBURG

GREENE CO (WAY)(KWAY) 2 E UTC–5(–4DT) N39°54.07′ W80°07.84′ **CINCINNATI**
1069 NOTAM FILE AOO **L–29C**
RWY 09–27: H3500X75 (ASPH) S–12 **IAP**
RWY 09: Trees.
RWY 27: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** Arpt bcn OTS.
AIRPORT REMARKS: Unattended. Dalgt opns only. Deer and birds on and invof rwy. Extsv glider ops wkends. For svc after hrs ctc 724–993–2190. 290′ high terrain 1,900′ south of rwy. Ground drops off sharply east end Rwy 09–27. Rwy 09 cntrln mrkgs in poor conds. Rwy 27 cntrln mrkgs in poor conds.
AIRPORT MANAGER: 724-998-5042
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.950 (0400–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
ALLEGHENY (L) (L) VORW/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 199° 23.0 NM to fld. 1285/9W.
VOR unusable:
036°–059° byd 10 NM blo 7,000′
071°–175°
226°–261° byd 10 NM
300°–310°



WELLSBORO

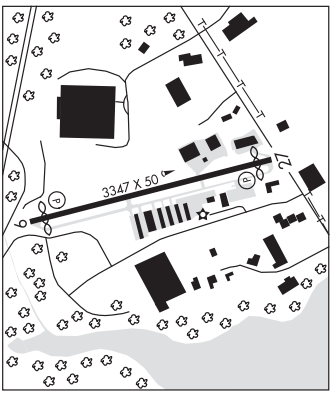
GRAND CANYON RGNL (N38) 4 SW UTC–5(–4DT) N41°43.68′ W77°23.73′ **DETROIT**
1892 B NOTAM FILE IPT **L–30J**
RWY 10–28: H3597X60 (ASPH) MIRL **IAP**
RWY 10: Trees.
RWY 28: REIL.
RWY 11–29: 1576X80 (TURF) 0.6% up W
SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 28; MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–2000Z‡. Sat–Sun unattended. Turf Rwy 11–29 1600′ X 100′ day VFR only; non simultaneous ops; clsd annually Dec–Apr.
AIRPORT MANAGER: (570) 724-3746
WEATHER DATA SOURCES: AWOS–3PT 120.925 (570) 723–0385.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ELMIRA APP/DEP CON** 128.425 (1100–0500Z‡)
NEW YORK CENTER APP/DEP CON 133.35 (0500–1100Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
STONYFORK (L) (L) VORW/DME 108.6 SFK Chan 23 N41°41.72′ W77°25.19′ 037° 2.3 NM to fld. 1985/8W.

WELLSVILLE

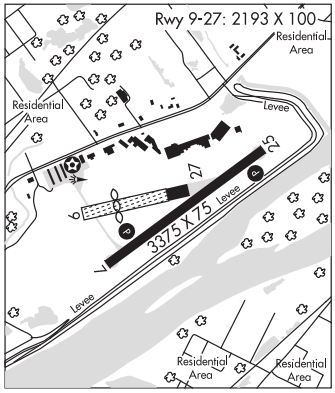
KAMPEL (2N5) 2 W UTC–5(–4DT) N40°02.97′ W76°58.63′ **NEW YORK**
611 NOTAM FILE IPT
RWY 05–23: 2550X100 (TURF) 0.7% up NE
RWY 05: Thld dsplcd 303′. Stack.
RWY 23: Thld dsplcd 475′. Trees.
SERVICE: S3 **FUEL** 100LL
AIRPORT REMARKS: Attended Apr–Nov Mon–Fri 1300–2200Z‡, Sat and Sun unattended. Arpt clsd to tran acft Nov–Apr. Fuel not avbl on weekends. Rwy 05–23 marked with yellow cones. Rwy 23 dsplcd thld marked with 3 yellow cones each side of rwy. Rwy 05 dsplcd thld marked with 3 yellow cones each side of rwy.
AIRPORT MANAGER: 717-432-9688
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

WEST CHESTER

BRANDYWINE RGNL (OQN)(KOQN) 3 NE UTC–5(–4DT) N39°59.41′ W75°34.91′ **WASHINGTON**
465 B NOTAM FILE IPT **L–34G, A**
RWY 09–27: H3347X50 (ASPH) S–10 LIRL **IAP**
RWY 09: PAPI(P2L)—GA 4.2° TCH 23′. Thld dsplcd 125′. Rgt tfc.
RWY 27: PAPI(P2L)—GA 3.0° TCH 20′. Thld dsplcd 249′.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** Rwy 09 PAPI ops continuous. Rwy 27 PAPI ops continuous.
NOISE: Tfc dep Rwy 27 climb out straight ahd til rchg 1300′ MSL, then turn on crs for noise abatement.
AIRPORT REMARKS: Attended 1300–2200Z‡. For svc after hrs ctc 610–842–3804. Birds and deer on and invof arpt. Rwy 27 calm wind rwy. Full length parallel twy south of rwy. Ldg fee: Ramp fee or fuel.
AIRPORT MANAGER: 610-692-6100
WEATHER DATA SOURCES: AWOS–3T 121.4 (610) 692–6190.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **PHILADELPHIA APP/DEP CON** 124.35
CLNC DEL 125.6
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MODENA (L) (L) VORTACW 113.2 MXE Chan 79 N39°55.08′ W75°40.25′ 052° 6.0 NM to fld. 473/9W.
VOR unusable:
036°–046°
047°–057° byd 10 NM
058°–085°
170°–248° byd 27 NM blo 7,500′
170°–248° byd 30 NM blo 9,500′
170°–248° byd 8 NM blo 6,000′
268°–278° byd 28 NM
278°–290° blo 10,000′
290°–326°



WILKES–BARRE WYOMING VALLEY (WBW)(KWBW) 3 N UTC–5(–4DT) N41°17.84′ W75°51.13′ **NEW YORK**
544 B NOTAM FILE IPT **L–30K**
RWY 07–25: H3375X75 (ASPH) MIRL **IAP**
RWY 07: PAPI(P2L)—GA 4.0° TCH 40′.
RWY 25: PAPI(P2L)—GA 3.75° TCH 40′. Tree.
RWY 09–27: H2193X100 (ASPH–TURF)
RWY 09: Thld dsplcd 672′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 07–25, PAPI Rwy 07, Rwy 25 and rotating bcn—CTAF. Rwy 07–25 preset low ints to ACTIVATE higher ints—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Rwy 09–27 clsd winter months. +152′ transmission lines 6,000′ from Rwy 25 thld 585′ left marked with red spheres. Rwy 09–27 marked with 3′ white cones. Rwy 09 dsplcd thld marked with three white cones each side. Rwy 09–27 first 544 ft Rwy 27 asph, rmndr turf.
AIRPORT MANAGER: 570-288-3257
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **APP/DEP CON** 126.3
CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
(L) (L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 291° 7.5 NM to fld. 2118/10W.
VOR unusable:
290°–305° byd 15 NM blo 6,000′



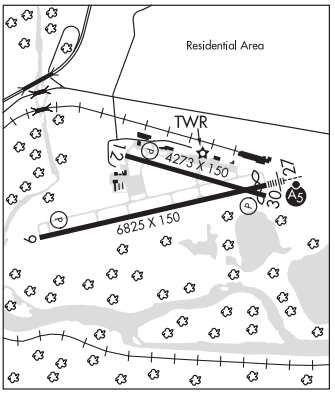
WILKES–BARRE/SCRANTON INTL (AVP)(KAVP) 5 SW UTC–5(–4DT) N41°20.31′ **NEW YORK**
W75°43.40′ **H–10I, 12J, L–30K, 33A**
962 B LRA ARFF Index—See Remarks NOTAM FILE AVP **IAP, AD**
RWY 04–22: H7502X150 (ASPH–GRVD) S–133, D–173, 2D–300 PCR 770 F/C/X/T HIRL 0.7% up SW
RWY 04: MALSR. PAPI(P4R)—GA 3.0° TCH 58′. RVR–TR
RWY 22: REIL. VASI(V4L)—GA 3.0° TCH 54′. RVR–TR Trees. Rgt tfc.
RWY 10–28: H4300X150 (ASPH–GRVD) S–58, D–80, 2S–101, 2D–125 PCR 480 F/C/X/T MIRL 0.3% up E
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 43′. Rgt tfc.
RWY 28: REIL. Trees. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–7502 TODA–7502 ASDA–7502 LDA–7502
RWY 10: TORA–4300 TODA–4300 ASDA–4300 LDA–4300
RWY 22: TORA–7502 TODA–7502 ASDA–7502 LDA–7502
RWY 28: TORA–4300 TODA–4300 ASDA–4300 LDA–4300
ARRESTING GEAR/SYSTEM
RWY 04: EMAS
RWY 22: EMAS
SERVICE: S3 **FUEL** 100LL, JET A **OX** 2, 4
AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. Rwy 04–22 precipitous drop–off each rwy end. Class I, ARFF Index B. Index C ARFF equipment avbl upon request call 570–602–2040. Unlgtd twr 1130′ 1.3 miles east AER 28, unlgtd twr 1463′ 1.7 miles east AER 28, unlgtd twr 1652′ 2.4 miles east AER 28. Rwy 28 unlgtd high terrain trees, 1155′ MSL 0.91 miles east AER 28, 1463′ MSL 1.49 miles east–southeast AER 28, 1667′ MSL 2.25 miles east AER 28, 1920′ MSL 2.84 miles east AER 28. For FBO svcs 0500–1000Z‡ local Mon–Fri and 0200–0500Z‡ local Sat–Sun call (570) 457–4485. Ldg fee. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: 570-602-2000
WEATHER DATA SOURCES: ASOS (570) 456–5433
COMMUNICATIONS: UNICOM 122.95 **ATIS** 135.75
RCO 122.2 (WILLIAMSPORT RADIO)
Ⓡ **APP/DEP CON** 120.95 (280°–100°) 126.3 (101°–279°)
TOWER 120.1 **GND CON** 121.9
AIRSPACE: CLASS D.
TRSA svc ctc **APP CON** within 20 NM
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
(L) (L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 349° 4.2 NM to fld. 2118/10W.
VOR unusable:
290°–305° byd 15 NM blo 6,000′
ILS/DME 109.9 I–AVP Chan 36 Rwy 04. LOC unusable byd 20° right of course.
ILS/DME 109.9 I–IZK Chan 36 Rwy 22.

WILLIAM T PIPER MEML (See LOCK HAVEN on page 288)

WILLIAMSBURG

COVE VALLEY (6G6) 2 W UTC–5(–4DT) N40°27.27′ W78°14.28′ **DETROIT**
1156 NOTAM FILE AOO
RWY 04–22: 2750X100 (TURF)
RWY 04: Thld dsplcd 285′. Brush. Rgt tfc.
RWY 22: Thld dsplcd 286′. Brush.
SERVICE: S4
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡, Sat–Sun irregularly. Arpt safety briefing rqrd before ldg 814–832–2694. Deer and occasional geese on and invof arpt. Turf soft during spring and after rains, no ops when rwy is soft or snow covered. Rwy 04–22 mkd with white bdry mkrs. Rwy 04 dthr mkd with white barrels.
AIRPORT MANAGER: 814-832-2694
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.

WILLIAMSPORT RGNL (IPT)(KIPT) 4 E UTC–5(–4DT) N41°14.50′ W76°55.31′ **NEW YORK**
528 B ARFF Index—See Remarks NOTAM FILE IPT **H–10H, 12J, L–30J**
RWY 09–27: H6825X150 (ASPH–GRVD) S–65, D–100, 2S–127, **IAP, AD**
2D–190 PCR 690 F/A/X/T HIRL
RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 49′. Trees.
RWY 27: MALSR. Thld dsplcd 255′. Trees. Rgt tfc.
RWY 12–30: H4273X150 (ASPH) S–200, D–200, 2S–175, 2D–400
PCR 2230 F/C/X/T MIRL
RWY 12: PAPI(P2L)—GA 3.75° TCH 45′. Trees.
RWY 30: PAPI(P2L)—GA 4.0° TCH 41′. Trees. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 09: TORA–6825 TODA–6825 ASDA–6073 LDA–6073
RWY 12: TORA–4273 TODA–4273 ASDA–4273 LDA–4273
RWY 27: TORA–6825 TODA–6825 ASDA–6318 LDA–6063
RWY 30: TORA–4273 TODA–4273 ASDA–4273 LDA–4273



SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** When twr CLSD ACTVT MALSR Rwy 27; REIL Rwy 09; HIRL Rwy 09–27; MIRL Rwy 12–30; and twy lgts—CTAF. PAPI Rwys 09, 12 and 30 oper consly. MIRL Rwy 12–30, click three times for medium intst. Rwy 09 PAPI baffled unusbl byd 2 degs R of crs. Rwy 30 PAPI baffled unusbl byd 7 degs L of crs.
AIRPORT REMARKS: Attended Mon–Fri 0930–0100Z‡, Sat–Sun 1200–0100Z‡. Deer and birds on and invof arpt especially AER 27 and AER 30. Rwy and twy conds not mnt dly 2200–1200Z‡. Fuel and svcs avbl 1200–0300Z‡, after hrs by prior cdn call 570–368–2651. Twy J clsd to acft with wing span over 78′. Class I, ARFF Index A. PPR 12 hrs for unsked ACR opns with more than 30 psgr seats call amgr. Index A coverage avbl 1200–2200Z‡ and btn 2200–1200Z‡ upon req call amgr. Index B coverage avbl upon req call amgr. Unlgtd crane 90′ AGL 0.5 miles SE AER 30 permanently. For landside access from arpt after hrs use computerized gate system at east end or FBO apron. Cold temperature airport. Altitude correction required at or below –13C. Ldg fee.
AIRPORT MANAGER: 570-368-2444
WEATHER DATA SOURCES: ASOS 125.225 (570) 360–5258.
COMMUNICATIONS: CTAF 119.1 **UNICOM** 122.95
RCO 122.2 (WILLIAMSPORT RADIO)
Ⓡ **NEW YORK CENTER APP/DEP CON** 124.9
TOWER 119.1 (1130–0330Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc New York ARTCC at 631-468-1425.
AIRSPACE: CLASS D svc 1130–0330Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
(L) (L) VORW/DME 114.4 FQM Chan 91 N41°20.31′ W76°46.49′ 238° 8.8 NM to fld. 2098/9W.
ILS/DME 110.1 I–IPT Chan 38 Rwy 27. Class IB. LOC unusable byd 028° left of course. DME unusable byd 028° left of course.

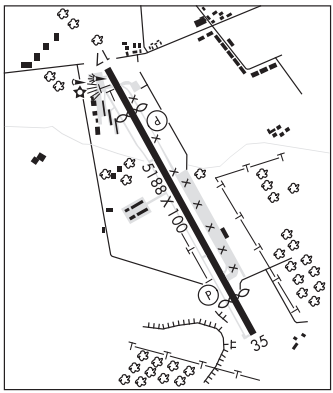
WINGS FLD (See PHILADELPHIA on page 297)

YARDLEY N40°15.20´ W74°54.46´ NOTAM FILE IPT. NEW YORK
H–10I, L–34G, A

(L) (L) VORW/DME 108.2 ARD Chan 19 082° 4.5 NM to Trenton Mercer. 294/10W.
VOR unusable:
020°–040°
195°–225° byd 25 NM blo 5,000´
250°–265° blo 3,500´
266°–280° byd 20 NM blo 5,000´
281°–300° byd 14 NM blo 6,000´
DME unusable:
225°–275° byd 25 NM blo 5,000´

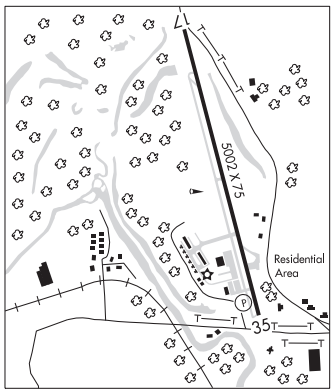
YORK (THV)(KTHV) 7 SW UTC–5(–4DT) N39°55.02´ W76°52.38´ WASHINGTON
495 B NOTAM FILE THV H–10H, 12I, L–29E, 34F, A
IAP, AD

RWY 17–35: H5188X100 (ASPH–GRVD) S–20, D–20, 2D–20 MIRL 0.4 % up SE
RWY 17: REIL. PAPI(P4L)—GA 4.5° TCH 20´. Thld dsplcd 794´. Pole.
RWY 35: REIL. PAPI(P4L)—GA 3.67° TCH 28´. Thld dsplcd 739´. Trees.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 3
AIRPORT REMARKS: Attended Mon–Fri 1130–0000Z‡, Sat–Sun 1230–2130Z‡. Twy to Rwy 35 clsd to acft with wingspan over 60´. Trees within pirmary sfc 83´ in from thld and 221´ left of Rwy 17 centerline; ramp tie–down area, medivac parking pad and twy within primary sfc on right side. Rwy 17 trees 1383 ft out 121 ft right. Apch slp 20:1 to dthr. Rwy 35 trees 2684 ft out 425 ft right. Apch slp 22:1 to dthr. Ldg fee for all acft waived with min fuel purchase.
AIRPORT MANAGER: 717-792-5566
WEATHER DATA SOURCES: ASOS 119.275 (717) 792–5529.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **HARRISBURG APP/DEP CON** 124.1
CLNC DEL 121.65
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.
HARRISBURG (L) (H) VORTACW 115.35 HAR Chan 100(Y) N40°18.13´ W77°04.17´ 169° 24.8 NM to fld. 1301/10W.
VOR unusable:
069°–071°
084°–087° byd 20 NM blo 5,000´
084°–087° byd 30 NM
097°–107° byd 10 NM
116°–120° byd 25 NM blo 4,000´
276°–286° byd 20 NM blo 9,000´

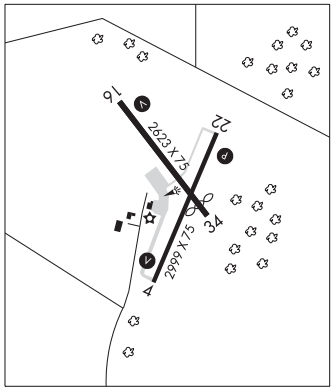
ZELIENOPLE MUNI (PJC)(KPJC) 1 W UTC–5(–4DT) N40°48.16´ W80°09.67´ DETROIT
907 B NOTAM FILE AOO L–29C
RWY 17–35: H5002X75 (ASPH) MIRL IAP
RWY 17: REIL. Trees.
RWY 35: REIL. PAPI(P2L)—GA 3.48° TCH 50´. Hill.



SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 2, 3 **LGT** ACTVT REIL Rwy 17 and 35; MIRL Rwy 17–35 after 0300Z‡—CTAF. PAPI continuous and MIRL opr dusk–0300Z‡. Rwy 35 PAPI unusable byd 5° left of centerline.
AIRPORT REMARKS: Attended Mon–Fri 1100–0300Z‡, Sat–Sun on call. For attendant Sat–Sun call 724–452–4719. Deer and geese on and invof rwy.
AIRPORT MANAGER: 724-452-4719
WEATHER DATA SOURCES: AWOS–3PT 118.45 (724) 452–5304.
COMMUNICATIONS: CTAF 122.9
Ⓡ **PITTSBURGH APP/DEP CON** 124.75
CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ELLWOOD CITY (VH) (H) VORW/DME 115.8 EWC Chan 105 N40°49.50´ W80°12.69´ 128° 2.7 NM to fld. 1227/8W.
VOR unusable:
285°–335°

BLOCK ISLAND STATE (BID)(KBID) 1 W UTC–5(–4DT) N41°10.09′ W71°34.67′ **NEW YORK**
108 B NOTAM FILE BID **L–33C**
RWY 10–28: H2502X100 (ASPH) S–30 MIRL 0.3% up W **IAP**
RWY 10: REIL. PAPI(P4R)—GA 3.5° TCH 48′. Trees.
RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 35′.
SERVICE: **LGT** ACTVT REIL Rwy 10 and 28; PAPI Rwy 10 and 28; MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡ Sun–Sat Jun–Sep, 1300–2100Z‡ Sun–Sat Oct–May. Deer and birds on and invof arpt. Obstructions–lighted towers 1 NM north east of airport 1/2 NM apart. Rwy conds may not be mnt or rprtd when airport is unatndd. Ctc RI Airport Corporation Ops at 401–691–2265. Arpt parking and safety brief avbl on landing 122.85 MHz or call 401–466–5511. Ldg fee: commercial and non Rhode Island registered acft. Overnight parking fee. Rwy 10–28 safety area not std SE. +15 ft dropoff 130 ft fm rwy end, 150 left.
AIRPORT MANAGER: (401) 691-2265
WEATHER DATA SOURCES: AWOS–3PT 134.775 (401) 466–5495.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc
BOSTON CENTER APP/DEP CON 124.85
CLNC DEL 120.1
CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BID.
SANDY POINT (VL) (L) VORW/DME 117.8 SEY Chan 125 N41°10.05′ W71°34.57′ at fld. 100/15W.
DME unusable:
160°–164° byd 15 NM blo 2,000′
240°–270° byd 25 NM blo 3,000′
VOR unusable:
061°–073° byd 40 NM
074°–082° byd 40 NM
339°–346° byd 40 NM

NEWPORT STATE (UUU)(KUUU) 2 NE UTC–5(–4DT) N41°31.95′ W71°16.89′ **NEW YORK**
172 B LRA NOTAM FILE UUU **L–33C**
RWY 04–22: H2999X75 (ASPH) S–30 MIRL 0.8% up NE **IAP**
RWY 04: VASI(V4L)—GA 4.0° TCH 51′. Trees.
RWY 22: REIL. PAPI(P4L)—GA 4.0° TCH 30′. Trees.
RWY 16–34: H2623X75 (ASPH) S–30 MIRL 0.6% up S
RWY 16: VASI(V4L)—GA 3.75° TCH 40′. Trees.
RWY 34: Thld dsplcd 250′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 22; PAPI Rwy 22, VASI Rwy 04 and Rwy 16; MIRL Rwys 04–22 & 16–34; Twys A, B, C & ramp area—CTAF. Rwy end 04: VASI OTS UFN.
NOISE: Arpt lctd in noise sensitive area. Populated areas to the N, S, & E. Noise abatement procs in efct. Ctc amgr 401–691–2265 for more info.
AIRPORT REMARKS: Attended 1300–2300Z‡ Sun–Sat May–Sep, 1300–2100Z‡ Sun–Sat Oct–Apr. Arpt unattended 2300–1200Z‡ dly & Sun–Mon. Parachute Jumping. Deer and birds on and invof arpt. Seasonal bird activity. Rwy conds may not be mnt or rprtd when arpt is unatndd. Ctc RIAC Ops at 401–691–2265. AER 34, ctc arpt mgr for details 401–691–2265. Fuel avbl 24 hrs by credit card. 24–hr advanced notice required for all Jet A services after posted business hours. PPR for jet acft. Rwy 04 dsgnd calm wid rwy. Rwy 04 tmpry dthr 499′. Rwy 16–34 nmrs cracks full wid and len. Helicopters req to avoid main terminal ramp for parking or ldg. Please ctc arpt mgr. Nmrs unlgtd obstns up to 150′ AGL srndg airfield. Overngt parking fee. Ldg fee coml and non Rhode Island registered acft.



AIRPORT MANAGER: 401-691-2000
WEATHER DATA SOURCES: ASOS 132.075 (401) 846–5910.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **PROVIDENCE APP/DEP CON** 128.7 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc
BOSTON CENTER APP/DEP CON 124.85
CLNC DEL 127.25
CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

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RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) (DH) VORW/DME 115.6 PVD Chan 103 N41º43.46´ W71º25.78´ 164º 13.3 NM to fld. 49/14W.

VOR unusable:
- 085º–105º byd 12 NM blo 5,500´
- 085º–105º byd 8 NM blo 3,000´
- 106º–294º byd 30 NM blo 3,000´
- 295º–330º byd 30 NM blo 6,000´
- 331º–084º byd 30 NM blo 3,000´

DME unusable:
- 085º–105º byd 12 NM blo 5,500´
- 085º–105º byd 8 NM blo 3,000´
- 106º–152º byd 11 NM blo 2,000´
- 106º–152º byd 20 NM blo 4,000´
- 153º–294º byd 30 NM blo 3,000´
- 295º–330º byd 30 NM blo 6,000´
- 331º–084º byd 30 NM blo 3,000´

LOC/DME 108.5 I–OTI Chan 22 Rwy 22. LOC unmonitored.

NORTH CENTRAL STATE (See PAWTUCKET on page 320)

NORTH KINGSTOWN

QUONSET STATE (OQU)(KOQU) P (ARNG ANG) 3 NE UTC–5(–4DT) N41º35.84´ W71º24.74´ **NEW YORK H–10I, 11D, 12K, L–33C IAP, DIAP, AD**

18 B TPA—See Remarks LRA NOTAM FILE OQU

RWY 16–34: H7000X150 (ASPH–GRVD) D–175, 2S–175 HIRL

RWY 16: MALSR. PAPI(P4L)—GA 3.0º TCH 55´. Trees.

RWY 34: PAPI(P4L)—GA 3.0º TCH 55´.

RWY 05–23: H4000X75 (ASPH) S–12.5 MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0º TCH 40´. Pole.

RWY 23: REIL. PAPI(P4R)—GA 3.0º TCH 40´.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA–7000 TODA–7000 ASDA–7000 LDA–7000

RWY 34: TORA–7000 TODA–7000 ASDA–7000 LDA–7000

SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 16; REIL Rwy 05 and 23; PAPI Rwy 05 and 23; MIRL Rwy 05–23, HIRL Rwy 16–34; twy lgts—CTAF. **MILITARY— FUEL** J8(Mil), A+ (FBO opr 1100–0200Z‡. PPR mandatory dur non–duty hr. Ctc C401–295–5020) (NC–100LL, A)

AIRPORT REMARKS: Unattended 0300–1200Z‡ Sat–Sun. Deer, birds and waterfowl on and invof arpt. Nmrs cranes on and inovof arpt. Rwy 23 uneven pavement aprxly 100–400 ft fm AER 23 thr. Ctc amgr 401–295–5020. Civil acft use ctn, heightened scty measures in efct on ANG and Army ramps UFN. Twy R and Twy E clsd indef. Lgtd cranes 125´ high at pier 1000´ southeast of Rwy 05. 180º turns for acft over 12,500 lbs GWT prohibited on Rwy 16–34. Rwy conds may not be mnt or rprtd when arpt is unatndd. Ctc RI arpt corporation ops at 401–691–2265. Ldg fee coml and non Rhode Island registered acft/ovngt prkg fee. Flight Notification Service (ADCUS) available.

MILITARY REMARKS: RSTD 180º turns for acft over 12,500 lbs GWT proh on Rwy 16–34. **MISC** Rwy 16 8000´ avbl for mil acft only. **TFC PAT** TPA—Rotary/Wing 700´, Fixed/Wing 1000´ AGL. **ANG** PPR for svcg and use of ANG prkg ramp only. AMOPS ops 1200–2230Z‡ Tue–Fri, excp holidays, DSN 476–3404/3405, Tsnt acft inbd to ANG prkg ramp ctc Quahog, comd post, 15 min prior to ldg. BASH program in eff. 1 Jul–31 Oct are dsgnd BASH Phase II periods for migratory bird act. Incrd haz fm Canadian geese flying east to west over rwy. Inbd acft ctc Quahog/Rhody Ops for latest bird watch conds. Tmpry storage of classified mtrls up to secret at comd post. Acft req cust/ag ctc AMOPS 7 days prior to arr. Twy N PCN 22/F/B/W/T–OG/CC apvl for C–130H/J with opr wt up to 17,500 lbs. All otr acft ovr Twy N PCN rqr apvl fm OG/CC thru afld mgmt. **ARNG** Opr 1200–2230Z‡ Tue–Fri , exc hol. PPR for tsnt mil acft ldg, prkg ARNG Ramp and fuel ctc DSN 247–4539, C401–275–4539. Ltd prkg, fuel and maint avbl, prkg Pad 3 clsd UFN. Call Hope Ops 274.30 (PRI), 36.80 (ALTN). PPR to use lcl trg area.

AIRPORT MANAGER: 401-691-2000

WEATHER DATA SOURCES: AWOS–3PT (401) 294–2197

COMMUNICATIONS: CTAF 126.350 **ATIS** 118.6 **UNICOM** 122.950

Ⓡ **PROVIDENCE APP/DEP CON** 123.675 244.875 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc

BOSTON CENTER APP/DEP CON 124.85 307.9

TOWER 126.35 (Tue–Fri 1300–0400Z‡, Sat 1400–2200Z‡, Sun 1500–2300Z‡, clsd Mon and hols)

CLNC DEL 134.5 **ARNG OPS** 274.3

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

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AIRSPACE: CLASS D svc 1300–0400Z‡ Tue–Fri, 1400–2200Z‡ Sat, 1500–2300Z‡ Sun, clsd Mon and hol; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) (DH) VORW/DME 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ 188° 7.7 NM to fld. 49/14W. VOR unusable:
085°–105° byd 12 NM blo 5,500′
085°–105° byd 8 NM blo 3,000′
106°–294° byd 30 NM blo 3,000′
295°–330° byd 30 NM blo 6,000′
331°–084° byd 30 NM blo 3,000′
DME unusable:
085°–105° byd 12 NM blo 5,500′
085°–105° byd 8 NM blo 3,000′
106°–152° byd 11 NM blo 2,000′
106°–152° byd 20 NM blo 4,000′
153°–294° byd 30 NM blo 3,000′
295°–330° byd 30 NM blo 6,000′
331°–084° byd 30 NM blo 3,000′

ILS/DME 109.5 I–OQU Chan 32 Rwy 16. Class IT. Preventive maint sched 1400–1600Z‡ Thur. Unmonitored when ATCT clsd.

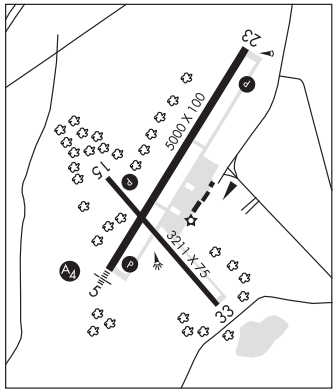
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HELIPAD H1: H45X45 (ASPH)

HELIPAD H2: H45X45 (ASPH)

PAWTUCKET

NORTH CENTRAL STATE (SFZ)(KSFZ) 3 E UTC–5(–4DT) N41°55.25′ W71°29.49′ **NEW YORK**
441 B LRA NOTAM FILE SFZ **H–10I, 11D, 12K, L–33C, 34J**
RWY 05–23: H5000X100 (ASPH) S–30, D–60 HIRL **IAP**
RWY 05: MALS. PAPI(P4R)—GA 3.0° TCH 52′. Trees.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 35′. Trees.
RWY 15–33: H3211X75 (ASPH) S–12.5 MIRL 0.5% up SE
RWY 15: REIL. PAPI(P4L)—GA 3.5° TCH 35′. Trees.
RWY 33: REIL. Trees.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTVT MALS Rwy 05; REIL Rwy 15, 23 and 33; PAPI Rwy 05, 15 and 23; HIRL Rwy 05–23; MIRL Rwy 15–33; twy lgts —CTAF.
NOISE: Noise abatement procedures in effect, contact airport manager.
AIRPORT REMARKS: Attended 1200–2200Z‡ Sun–Sat. Parachute Jumping. Birds and wildlife on and invof arpt. Ap wildlife haz deer act increased hn. Seasonal skydiving northeast side of afld. Rwy conds may not be mnt or rprtd when ap is unattended. Ctc RI ap corporation ops 401–691–2265. Lgtd 250 ft MSL tower 3.4 miles SE. +50′ drop–off 250′ from Rwy 05 end, +40′ drop–off 250′ from Rwy 23 end. Nmrs unlgtd obstns up to 150 ft AGL srndg airfield. Overnight parking fee. Ldg fee for commercial acft and non–Rhode Island registered acft.



AIRPORT MANAGER: 401-691-2000
WEATHER DATA SOURCES: AWOS–3PT 120.775 (401) 334–0324.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **PROVIDENCE APP/DEP CON** 123.675 (Sun–Fri 1030–0530Z‡ Sat 1030–0500Z‡ other times ctc)
Ⓡ **BOSTON CENTER APP/DEP CON** 124.85
CLNC DEL 124.35
CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

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RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) (DH) VORW/DME 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ 001° 12.1 NM to fld. 49/14W.
VOR unusable:
085°–105° byd 12 NM blo 5,500′
085°–105° byd 8 NM blo 3,000′
106°–294° byd 30 NM blo 3,000′
295°–330° byd 30 NM blo 6,000′
331°–084° byd 30 NM blo 3,000′
DME unusable:
085°–105° byd 12 NM blo 5,500′
085°–105° byd 8 NM blo 3,000′
106°–152° byd 11 NM blo 2,000′
106°–152° byd 20 NM blo 4,000′
153°–294° byd 30 NM blo 3,000′
295°–330° byd 30 NM blo 6,000′
331°–084° byd 30 NM blo 3,000′

PUTNAM (H) (H) VORW/DME 117.4 PUT Chan 121 N41°57.33′ W71°50.65′ 111° 15.9 NM to fld. 652/14W. NOTAM FILE BDR.
DME unusable:
265°–301° byd 36 NM blo 3,000′

LOC/DME 111.9 I–SFZ Chan 56 Rwy 05. LOC unmonitored.

PROVIDENCE

RHODE ISLAND TF GREEN INTL (PVD)(KPVD) 6 S UTC–5(–4DT) N41°43.34′ W71°25.66′

NEW YORK
H–10I, 11D, 12K, L–33C, 34J
IAP, AD

54 B LRA Class I, ARFF Index C NOTAM FILE PVD

RWY 05–23: H8700X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–550, 2D/2D2–1120 PCR 1010 F/A/X/T HIRL CL
RWY 05: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 69′. RVR–TMR Trees.
RWY 23: MALSR. VASI(V4L)—GA 3.0° TCH 41′. RVR–TMR Trees.

RWY 16–34: H6081X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–423, 2D/2D2–1093 PCR 780 F/B/X/T HIRL 0.3% up N
RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 49′. RVR–R Thld dsplcd 565′. Pole.
RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 60′. RVR–T Trees.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–8700 TODA–8700 ASDA–8700 LDA–8700
RWY 16: TORA–6081 TODA–6081 ASDA–6081 LDA–5516
RWY 23: TORA–8700 TODA–8700 ASDA–8700 LDA–8700
RWY 34: TORA–6081 TODA–6081 ASDA–6081 LDA–6081

ARRESTING GEAR/SYSTEM
RWY 16: EMAS
RWY 23: EMAS
RWY 34: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **LGT** When ATCT clsd, ALSF–2 bcms SSALS preset med intst only. When ATCT clsd, ACTVT MALSR Rwy 23 and 34; REIL Rwy 16; PAPI Rwy 05, 16 and 34; VASI Rwy 23; TDZ Rwy 05; cntln Rwy 05–23; HIRL Rwy 05–23 and 16–34—CTAF.

NOISE: Noise abatement procs in efct. Hels avoid resl areas when blw 1000′.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. 110′ unmarked lgt poles 2700′ from thld Rwy 34; 900′ left of cntrln. Terminal ramp prohibited for use to general aviation. Parked acft on the northeast ramp west of Twy A, be alert. Freq flt school, tran jet acft, and vertical activity. Northwest ramp acft with wingspan greater than 110′ req gnd crew assistance for thru taxi and parking. Northeast ramp acft with wingspan greater than 150′ req ground crew assistance for thru taxi and parking. Run up pad for Twy F clsd to acft with wingspan over 118′. Twy V clsd daily 0100–1300Z‡, btn Rwy 16–34 and Twy C. Twy A uneven pavement btn Twy M and Rwy 23. Gnd vehicles monitor CTAF when twr clsd. ASDE–X in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Ldg fee. Flight Notification Service (ADCUS) available.

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AIRPORT MANAGER: 401-691-2000
WEATHER DATA SOURCES: ASOS 124.2 (401) 734–2818. LLWAS.
COMMUNICATIONS: CTAF 120.7 **D–ATIS** 124.2 (401) 737–3215
PROVIDENCE RCO 122.6 (BRIDGEPORT RADIO)
Ⓡ **PROVIDENCE APP/DEP CON** 123.675 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc
BOSTON CENTER APP/DEP CON 124.85
PROVIDENCE TOWER 120.7 (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) **GND CON** 121.9 **CLNC DEL** 126.65
BRIDGEPORT RADIO CLNC DEL 122.6 (0500–1100Z‡)
PDC
CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.
AIRSPACE: CLASS C svc ctc **APP CON** svc Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡; other times CLASS E.
VOR TEST FACILITY (VOT) 108.2
RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.
PROVIDENCE (H) (DH) VORW/DME 115.6 PVD Chan 103 N41º43.46´ W71º25.78´ at fld. 49/14W.
VOR unusable:
085º–105º byd 12 NM blo 5,500´
085º–105º byd 8 NM blo 3,000´
106º–294º byd 30 NM blo 3,000´
295º–330º byd 30 NM blo 6,000´
331º–084º byd 30 NM blo 3,000´
DME unusable:
085º–105º byd 12 NM blo 5,500´
085º–105º byd 8 NM blo 3,000´
106º–152º byd 11 NM blo 2,000´
106º–152º byd 20 NM blo 4,000´
153º–294º byd 30 NM blo 3,000´
295º–330º byd 30 NM blo 6,000´
331º–084º byd 30 NM blo 3,000´
ILS/DME 109.3 I–PVD Chan 30 Rwy 05. Class IIIE. Cat II and Cat III unavbl when ATCT closed.
ILS/DME 109.3 I–ARJ Chan 30 Rwy 23. Class IIE. DME unusable byd 10 NM blw 1,900´.
ILS/DME 111.5 I–UNQ Chan 52 Rwy 34. Class IE. Glideslope unusable byd 4º right of course. Glideslope autopilot cpd apch NA blw 300´.

PROVIDENCE

N41º43.46´ W71º25.78´ NOTAM FILE PVD.

NEW YORK
H–10I, 11D, 12J, L–33C, 34J

(H) (DH) VORW/DME 115.6 PVD Chan 103 at Rhode Island Tf Green Intl. 49/14W.
VOR unusable:
085º–105º byd 12 NM blo 5,500´
085º–105º byd 8 NM blo 3,000´
106º–294º byd 30 NM blo 3,000´
295º–330º byd 30 NM blo 6,000´
331º–084º byd 30 NM blo 3,000´
DME unusable:
085º–105º byd 12 NM blo 5,500´
085º–105º byd 8 NM blo 3,000´
106º–152º byd 11 NM blo 2,000´
106º–152º byd 20 NM blo 4,000´
153º–294º byd 30 NM blo 3,000´
295º–330º byd 30 NM blo 6,000´
331º–084º byd 30 NM blo 3,000´
RCO 122.6 (BRIDGEPORT RADIO)

QUONSET STATE

(See NORTH KINGSTOWN on page 319)

RHODE ISLAND TF GREEN INTL

(See PROVIDENCE on page 321)

RICHMOND

(See WEST KINGSTON on page 323)

SANDY POINT

N41º10.05´ W71º34.57´ NOTAM FILE BID.

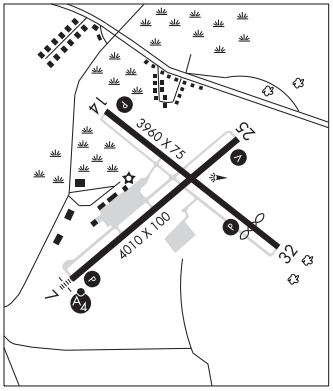
NEW YORK
H–10I, L–33C

(VL) (L) VORW/DME 117.8 SEY Chan 125 at Block Island State. 100/15W.
DME unusable:
160º–164º byd 15 NM blo 2,000´
240º–270º byd 25 NM blo 3,000´
VOR unusable:
061º–073º byd 40 NM
074º–082º byd 40 NM
339º–346º byd 40 NM

WEST KINGSTON

RICHMOND (Ø8R) 3 W UTC–5(–4DT) N41°29.37´ W71°37.24´ **NEW YORK**
130 NOTAM FILE BDR
RWY 11–29: H2129X30 (ASPH) LIRL(NSTD)
RWY 11: Trees.
RWY 29: TRCV(TRIL)—GA 5.5° TCH 21´. Thld dsplcd 130´. Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 11–29 and windsock lgts—CTAF. Rwy 11–29 NSTD LIRL located 30´ from edge of pavement. Rwy 29 dsplcd thld lgtd and marked with white bar and number. Rotating bcn OTS indef.
AIRPORT REMARKS: Attended 1400–2200Z‡. Irregular hrs of opr. Call 401–783–1498 for acft requiring fuel. Ultralights on and invof arpt. Deer and birds on and invof arpt. Rwy 11 CLOSED ngts. +40´ drop–off 150´ from Rwy 29 end. +10´ drop–off 200´ from Rwy 11 end. Rwy has non–std safety area, ctc amgr for dtls.
AIRPORT MANAGER: 401-783-1498
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.

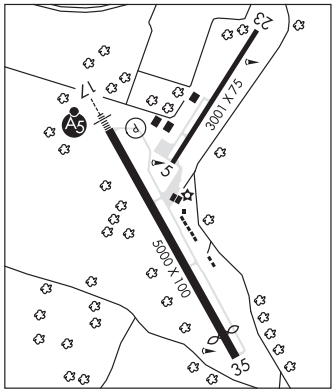
WESTERLY STATE (WST)(KWST) 2 SE UTC–5(–4DT) N41°20.98´ W71°48.21´ **NEW YORK**
81 B NOTAM FILE WST **L–33C, 34I**
RWY 07–25: H4010X100 (ASPH–GRVD) S–30, D–60 MIRL **IAP**
0.7% up NE
RWY 07: MALSF. PAPI(P4R)—GA 3.5° TCH 46´. Trees.
RWY 25: REIL. VASI(V2L)—GA 3.5° TCH 36´. Trees.
RWY 14–32: H3960X75 (ASPH) S–12.5 MIRL 0.6% up SE
RWY 14: REIL. PAPI(P4L)—GA 4.0° TCH 40´. Trees.
RWY 32: REIL. PAPI(P4L)—GA 4.0° TCH 40´. Thld dsplcd 750´. Trees.



SERVICE: S4 **FUEL** 100LL, JET A **LGT** Dusk–Dawn. ACTVT MALSF Rwy 07; REIL Rwy 25, Rwy 14 and Rwy 32; PAPI Rwy 07, Rwy 14 and Rwy 32; VASI Rwy 25; MIRL Rwy 07–25 and Rwy 14–32—CTAF. Rwy 07 PAPI U/S. Rwy 14 PAPI U/S.
NOISE: Noise abatement procs in efct ctc amgr at 401–691–2265. Arpt lctd in noise sensitive area. Populated areas to the S & W should be avoided.
AIRPORT REMARKS: Attended 1300–2200Z‡ Sun–Sat Jun–Sep, 1300–2100Z‡ Sun–Sat Oct–May. Parachute Jumping. Deer and birds on and invof arpt. Self svc 100LL avbl 24 hrs. Gldrs opr fm arpt on intmnt basis. Hel tours & banner tow ops on airfield blw 1000 ft alg southern coast of Rhode Island. For after hrs terminal apron access ctc arpt manager 401–691–2265. Rwy 07–25 is the preferred calm wind rwy. Rwy conds may not be mnt or rprtd when AP is unatndd. Ctc RI AP Corporation Ops 401–691–2265. Rwy 07–25 uneven pavement approximately 1,000´ from AER 25 thld. Ctc arpt manager 401–691–2265. Rwy 07 tempo dthr 375 ft. Rwy 14 tempo dthr 595 ft. Overnight parking fee. Ldg fee for commercial and non Rhode Island registered acft.
AIRPORT MANAGER: 401-691-2265
WEATHER DATA SOURCES: ASOS 132.375 (401) 596–9543.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **PROVIDENCE APP/DEP CON** 119.45 (South of ORW) (Sun–Fri 1030–0530Z‡, Sat 1030–0500Z‡) other times ctc **BOSTON CENTER APP/DEP CON** 124.85
CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE GON.
GROTON (T) (T) VORW/DME 110.85 GON Chan 45(Y) N41°19.82´ W72°03.12´ 098° 11.3 NM to fld. 9/14W.
VOR portion unusable:
241°–265° blo 5,000´
DME unusable:
355°–019° blo 3,000´
LOC/DME 108.9 I–RLS Chan 26 Rwy 07. LOC unmonitored.

BARRE/MONTPELIER

EDWARD F KNAPP STATE (MPV)(KMPV) 3 W UTC–5(–4DT) N44°12.21′ W72°33.73′ **MONTREAL**
1166 B NOTAM FILE MPV MON Airport **H–11D, 12K, L–32G**
RWY 17–35: H5000X100 (ASPH) S–31, D–70, 2S–88 MIRL **IAP**
1.5% up S
RWY 17: MALSR. PAPI(P4L)—GA 3.0° TCH 46′. Trees.
RWY 35: REIL. Thld dsplcd 502′. Antenna.
RWY 05–23: H3001X75 (ASPH) S–30, D–46 MIRL 1.0% up SW
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT MALSR Rwy 17; MIRL Rwy 17–35—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Fld cond not mon when unatndd. Cold temperature airport. Altitude correction required at or below –19C.
AIRPORT MANAGER: 802-272-7725
WEATHER DATA SOURCES: ASOS 132.675 (802) 229–2037.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 135.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (VL) (DH) VORW/DME 116.9 MPV Chan 116
N44°05.13′ W72°26.96′ 342° 8.6 NM to fld. 2086/16W.
VOR unusable:
010°–020° byd 25 NM blo 7,500′
015°–031° byd 40 NM
032°–042° byd 40 NM blo 5,000′
032°–042° byd 65 NM
043°–060° byd 40 NM
043°–070° byd 40 NM blo 9,100′
045°–060° byd 24 NM blo 8,500′
170°–182° byd 40 NM
210°–275° byd 40 NM
DME unusable:
043°–070° byd 40 NM
045°–060° byd 24 NM blo 8,500′
ILS/DME 108.7 I–MPV Chan 24 Rwy 17. Class IA. DME unmonitored. Localizer unusable byd 28° right of course.
COMM/NAV/WEATHER REMARKS: UNICOM base station not manned continuously.

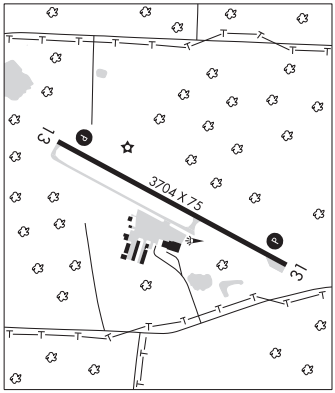


BASIN HARBOR (See VERGENNES on page 334)

BENNINGTON

WILLIAM H MORSE STATE (DDH)(KDDH) 3 W UTC–5(–4DT) N42°53.48´ W73°14.78´ **NEW YORK**
827 B NOTAM FILE DDH **L–32G, 33B, 34J**
IAP

RWY 13–31: H3704X75 (ASPH) S–12.5 MIRL 0.9% up SE
RWY 13: REIL. PAPI(P4L)—GA 4.0° TCH 45´. Hill.
RWY 31: REIL. PAPI(P4R)—GA 4.0° TCH 45´. Ground. Rgt tfc.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** ACTVT REIL Rwy 13 and 31; PAPI Rwy 13 and 13; MIRL Rwy 13–31—CTAF.

NOISE: Noise Abatement procedures in effect. Avoid flt ovr homes SE of arpt. Noise sensitive area AER 31. Rwy 13 is preferred use rwy. If practical, dep Rwy 13 using best rate of climb and when above 400 ft AGL, turn L within 1 mile of DER 13.

AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡, Sat–Sun on call. For svc call 802–442–5503; aft hrs 888–649–5296. Birds on and invof arpt. Rwy conditions may not be monitored or reported when the arpt is unattended. 100LL self–svc avbl 24 hrs. Mountains all quadrants. Tfc pat ops prohibited S of Rwy 13 and Rwy 31. Cold temperature airport. Altitude correction required at or below –12C.

AIRPORT MANAGER: 802-272-7725

WEATHER DATA SOURCES: ASOS 135.925 (802) 442–6059.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **ALBANY APP/DEP CON** 132.825

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

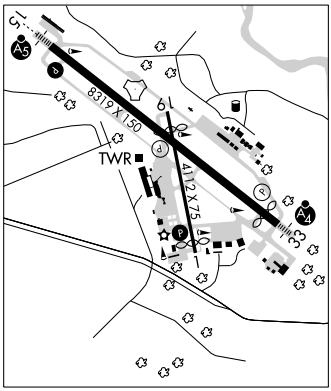
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

CAMBRIDGE (VL) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66´ W73°20.64´ 159° 7.5 NM to fld. 1490/14W.
DME unusable:
040°–130° blo 9,000´
VOR unusable:
011°–021° byd 42 NM
022°–127° byd 40 NM
128°–144°
145°–160° byd 40 NM
161°–182°
183°–194° byd 40 NM
195°–205°
320°–010° byd 40 NM

BURLINGTON

PATRICK LEAHY BURLINGTON INTL (BTV)(KBTV) P (ANG ARNG) 3 E UTC–5(–4DT) **MONTREAL**
N44°28.32´ W73°09.20´ **H–11C, 12K, L–32G**
335 B AOE Class I, ARFF Index B NOTAM FILE BTV **IAP, AD**

RWY 15–33: H8319X150 (ASPH–CONC–GRVD) S–100, D–175, 2S–175, 2D–355 PCR 751 R/C/W/T HIRL
RWY 15: MALSR. PAPI(P4R)—GA 3.0° TCH 51´. RVR–TR Trees. 0.6% up.
RWY 33: MALSF. PAPI(P4R)—GA 3.2° TCH 53´. RVR–TR Thld dsplcd 500´. Trees.
RWY 01–19: H4112X75 (ASPH) S–30, D–40, 2D–60 PCR 700 F/C/X/T MIRL
RWY 01: PAPI(P4L)—GA 4.0° TCH 27´. Thld dsplcd 225´. Tree.
RWY 19: PAPI(P4R)—GA 3.5° TCH 47´. Thld dsplcd 500´.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 01	15–33	2600
RWY 15	TXY A	3600
RWY 33	01–19	2900

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA–3611	TODA–3611	ASDA–3611	LDA–3386
RWY 15:	TORA–7820	TODA–7820	ASDA–7820	LDA–7820
RWY 19:	TORA–4111	TODA–4111	ASDA–4111	LDA–3386
RWY 33:	TORA–8320	TODA–8320	ASDA–8320	LDA–7820

ARRESTING GEAR/SYSTEM
RWY 15 TYPE H/BAK–12A (B) 1499 FT. TYPE H/BAK–12A (B) 1500 FT. **RWY 33**

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** Dusk–Dawn. ACTVT MALSR Rwy 15; MALSF Rwy 33; PAPI Rwy 01 and 15; MIRL Rwy 01–19; HIRL Rwy 15–33; all twys—CTAF. PAPI Rwy 19 and 33 opr consly. NSTD twy lgts on Twy E. **MILITARY— A–GEAR** – Type H/BAK–12A(B) AER 33 lctd 1000 ft fm dthr. Rwy 15 & Rwy 33 A–G housings are non–frangible (26 in abv grd level) lctd 250 ft fm rwy cntln. **JASU** 5(MD–4) 9(M32A–60) **FUEL** J8(Mil) 100LL, A **FLUID** SP LOX **OIL** O–133–148(Mil) SOAP.

AIRPORT REMARKS: Attended continuously. Birds & deer on & invof arpt. FBO clsd 0700–1400Z‡ dly, exc 1 hr PPR 802–863–3626. Fighter acft rstd to tkf window of Mon–Sat 1330–0330Z‡, Sun 1700–0330Z‡. Caution: generating plant 2 NM from AER 15 produces steam which may obscure visibility on final apch. CAUTION: Phase II wildlife actvy durg migration, Mar–May and Aug 15–Nov 15. ACR ramp not avbl for pvt & chtr acft. Twy A btn Twy G and Twy C clsd to acft wingspan more than 118 ft exc 1 hr PPR 802–316–6014 dly. Twy L CLSD to acft over 60,000 lbs. Twy K CLSD to acft wingspan more than 49´ and acft more than 12,500 lbs. Twys D, E, F and N clsd to civilian ops. Twys D, E, F, N, ANG and RNG ramps have unctl vehicle and acft. Twy M avbl for seasonal use, clsd drg winter months. ANG: Opr 1030–2100Z‡ weekdays, exc hol, clsd Sat–Mon. PPR for fuel/prkg, ctc ANG ops DSN 220–5213/5920/5267 C802–660–5213. All tsnt acft enr Ethan Allen trng site and R6501A must stop at AASF for rqr safety brief. ARFF avbl 24 hrs a day. A–Gear Type H/BAK–12A(B) AER 33 lctd 1000 ft fm dthr. Type H/BAK 12A(B) cable raised by twr on pilot req only. Fighter acft no low apchs. All other mil acft ltd to 2 practice apchs. Do not fly over hospital aprxly 1.5 NM west of Rwy 15 apch end. Rwy 01–19 south of Rwy 15–33 int to Twy C, single wheel 100, dual tandem wheel 355, south of Twy C int to south end of rwy, single wheel 30, dual wheel 60. SAID in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Cold temperature airport. Altitude correction required at or below –9C. Ldg fee. Fee for itinerant acft greater than 6000 lbs. Beta Helipad pvt use only. Twy G btwn J and valley ramp clsd to acft wingspan gtr than 156´.

AIRPORT MANAGER: 802-863-2874
WEATHER DATA SOURCES: ASOS 123.8 (802) 657–4490.
COMMUNICATIONS: ATIS 123.8 (802–657–4424) **CTAF** 118.3 **UNICOM** 122.95
RCO 122.2 (BURLINGTON RADIO)
Ⓡ **APP/DEP CON** 121.1 (1030–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 120.35 (0500–1030Z‡)
TOWER 118.3 (1030–0500Z‡) **GND CON** 126.3 **CLNC DEL** 119.15 **ANG OPS** 134.1 41.2
CLEARANCE DELIVERY PHONE: For CD if twr clsd & una to ctc FSS freq, ctc Boston ARTCC at 603-879-6859.
AIRSPACE: CLASS C svc ctc **APP CON** svc 1030–0500Z‡; other times CLASS E.

CONTINUED ON NEXT PAGE

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VOR TEST FACILITY (VOT) 109.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44º23.83´ W73º10.96´ 031º 4.7 NM to fld. 417/15W.

VOR unusable:
- 030º–086º byd 40 NM
- 075º–132º byd 30 NM blo 9,000´
- 087º–097º byd 40 NM blo 9,000´
- 087º–097º byd 49 NM
- 098º–169º byd 40 NM
- 133º–165º byd 30 NM blo 8,000´
- 170º–180º byd 40 NM blo 5,800´
- 170º–180º byd 47 NM
- 181º–196º byd 40 NM
- 244º–292º byd 40 NM
- 340º–350º byd 40 NM blo 6,000´
- 351º–010º byd 40 NM

DME unusable:
- 075º–132º byd 30 NM blo 9,000´
- 133º–165º byd 30 NM blo 8,000´

BURLINGTON (L) TACAN Chan 71 BJA (112.4) N44º28.62´ W73º09.41´ at fld. 308/15W.

TACAN AZIMUTH unusable:
- 010º–139º
- 140º–160º byd 29 NM
- 205º–208º

DME unusable:
- 010º–139º
- 140º–160º byd 29 NM
- 161º–227º
- 350º–009º

ILS/DME 110.3 I–BTV Chan 40 Rwy 15. Class IB. Unmonitored when ATCT clsd. LOC unusable byd 28º right of course.

ILS/DME 110.3 I–VOE Chan 40 Rwy 33. Class IA. LOC unusable byd 10 NM blw 2,700´. LOC unusable byd 13 NM blw 4,700´.

CALEDONIA CO (See LYNDONVILLE on page 329)

DEERFIELD VALLEY RGNL (See WEST DOVER on page 335)

EDWARD F KNAPP STATE (See BARRE/MONTPELIER on page 324)

FRANKLIN CO STATE (See HIGHGATE on page 328)

HARTNESS STATE (SPRINGFIELD) (See SPRINGFIELD on page 334)

HIGHGATE

FRANKLIN CO STATE (FSO)(KFSO) 3 W UTC–5(–4DT) N44°56.34′ W73°05.83′ **MONTREAL**
228 B LRA NOTAM FILE BTV **L–32G**
RWY 18–36: H4001X75 (ASPH) S–12.5 PCR 200 F/C/X/T MIRL **IAP, AD**
RWY 18: REIL.
RWY 36: REIL. PAPI(P2L)—GA 3.0° TCH 42′.
SERVICE: S4 **FUEL** 100LL, JET A1+ **LGT** Dusk–dawn. ACTVT REIL Rwy 18 and 36; MIRL Rwy 18–36—CTAF. PAPI Rwy 36 opr consly.
AIRPORT REMARKS: Attended Mon–Fri 1330–2200Z‡. Birds invof arpt. 100LL self svc fuel avbl 24 hrs. Rwy conds not mnt when unatndd.
AIRPORT MANAGER: 802-272-7725
WEATHER DATA SOURCES: AWOS–3 119.025 (802) 868–9941.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BURLINGTON APP/DEP CON** 121.1 (1030–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 120.35 (0500–1030Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44°23.83′ W73°10.96′ 021° 32.7 NM to fld. 417/15W.
VOR unusable:
030°–086° byd 40 NM
075°–132° byd 30 NM blo 9,000′
087°–097° byd 40 NM blo 9,000′
087°–097° byd 49 NM
098°–169° byd 40 NM
133°–165° byd 30 NM blo 8,000′
170°–180° byd 40 NM blo 5,800′
170°–180° byd 47 NM
181°–196° byd 40 NM
244°–292° byd 40 NM
340°–350° byd 40 NM blo 6,000′
351°–010° byd 40 NM
DME unusable:
075°–132° byd 30 NM blo 9,000′
133°–165° byd 30 NM blo 8,000′

ISLAND POND

JOHN H BOYLAN STATE (ISLAND POND) (5B1) 3 SE UTC–5(–4DT) N44°47.40′ W71°49.59′ **MONTREAL**
1194 NOTAM FILE BTV
RWY 14–32: 2650X120 (TURF) 0.8% up NW
RWY 14: Trees.
RWY 32: Trees.
AIRPORT REMARKS: Unattended. Ski ops in winter. Rwy 14–32 thlds marked with yellow cones.
AIRPORT MANAGER: 802-272-7725
COMMUNICATIONS: CTAF/UNICOM 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

JOHN H BOYLAN STATE (ISLAND POND) (See ISLAND POND on page 328)

LYNDONVILLE

CALEDONIA CO (CDA)(KCDA) 3 N UTC–5(–4DT) N44º34.15´ W72º01.08´ **MONTREAL L–32H IAP**

1188 B TPA—2200(1012) NOTAM FILE BTV

RWY 02–20: H3302X60 (ASPH) S–12.5 MIRL 0.3% up N

RWY 02: REIL. Trees.

RWY 20: Trees.

SERVICE: **LGT** ACTVT REIL Rwy 02; MIRL Rwy 02–20—CTAF. ACTVT arpt rotg bcn—CTAF.

AIRPORT REMARKS: Attended Jan–Dec Mon–Fri 1200–2030Z‡. Deer and wildlife on and invof arpt. Bald eagles roosting invof compost opn located 600 ft E of Rwy 20 thr year–round. Rwy conds not mnt when unatdd. Rwy 02–20 extsv cracking. For emergency acft maintenance call 802–334–5001. Bring own rope tiedowns.

AIRPORT MANAGER: 802-272-7725

WEATHER DATA SOURCES: AWOS–3 119.275 (802) 626–4532.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 135.7

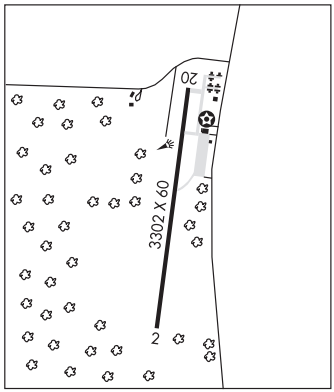
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.

MONTPELIER (VL) (DH) VORW/DME 116.9 MPV Chan 116
N44º05.13´ W72º26.96´ 048º 34.5 NM to fld. 2086/16W.

VOR unusable:
010º–020º byd 25 NM blo 7,500´
015º–031º byd 40 NM
032º–042º byd 40 NM blo 5,000´
032º–042º byd 65 NM
043º–060º byd 40 NM
043º–070º byd 40 NM blo 9,100´
045º–060º byd 24 NM blo 8,500´
170º–182º byd 40 NM
210º–275º byd 40 NM

DME unusable:
043º–070º byd 40 NM
045º–060º byd 24 NM blo 8,500´



MIDDLEBURY STATE (6BØ) 3 SE UTC–5(–4DT) N43°59.19′ W73°05.73′ **NEW YORK L–32G**
494 TPA—See Remarks NOTAM FILE BTV
RWY 01–19: H3206X60 (ASPH) S–12.5
RWY 01: Thld dsplcd 141′. Trees.
RWY 19: Trees. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–3206 TODA–3206 ASDA–3206 LDA–3065
RWY 19: TORA–3065 TODA–3065 ASDA–3206 LDA–3065
SERVICE: S4 **FUEL** 100LL
AIRPORT REMARKS: Attended Mon–Fri 1200–2030Z‡. Ultralight and AG acft activity on and invof arpt. Full svc only M–F dawn to dusk. High hills east of arpt. PAJA on wkends. No ln of sight btn rwy ends. Rwy conds may not be mnt or rprtd when the arpt is unatndd. TPA—1304(810) single engine, 1504(1010) multi–engine.
AIRPORT MANAGER: 802-272-7725
WEATHER DATA SOURCES: AWOS–3 118.575 (802) 388–0255.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44°23.83′ W73°10.96′ 186° 24.9 NM to fld. 417/15W.
VOR unusable:
030°–086° byd 40 NM
075°–132° byd 30 NM blo 9,000′
087°–097° byd 40 NM blo 9,000′
087°–097° byd 49 NM
098°–169° byd 40 NM
133°–165° byd 30 NM blo 8,000′
170°–180° byd 40 NM blo 5,800′
170°–180° byd 47 NM
181°–196° byd 40 NM
244°–292° byd 40 NM
340°–350° byd 40 NM blo 6,000′
351°–010° byd 40 NM
DME unusable:
075°–132° byd 30 NM blo 9,000′
133°–165° byd 30 NM blo 8,000′

MONTPELIER N44°05.13′ W72°26.96′ NOTAM FILE MPV. **MONTREAL L–32G**
(VL) (DH) VORW/DME 116.9 MPV Chan 116 342° 8.6 NM to Edward F Knapp State. 2086/16W.
VOR unusable:
010°–020° byd 25 NM blo 7,500′
015°–031° byd 40 NM
032°–042° byd 40 NM blo 5,000′
032°–042° byd 65 NM
043°–060° byd 40 NM
043°–070° byd 40 NM blo 9,100′
045°–060° byd 24 NM blo 8,500′
170°–182° byd 40 NM
210°–275° byd 40 NM
DME unusable:
043°–070° byd 40 NM
045°–060° byd 24 NM blo 8,500′

MORRISVILLE–STOWE STATE (MVL)(KMVL) 2 SW UTC–5(–4DT) N44°32.06′ W72°36.84′ MONTREAL L–32G IAP

733 B NOTAM FILE MVL

RWY 01–19: H4200X75 (ASPH) S–25 PCN 12 F/A/X/T HIRL 0.4% up N

RWY 01: REIL. Thld dsplcd 250′. Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.5° TCH 31′. Thld dsplcd 250′.

SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 01 and 19, PAPI Rwy 19, HIRL Rwy 01–19—CTAF.

AIRPORT REMARKS: Unattended. Rwy conds not mnt when unatndd. 3 ft swales mid 1/3 of rwy on E & W sides outside of rwy safety area. 100LL and A fuel self svc only. Cold temperature airport. Altitude correction required at or below –19C.

AIRPORT MANAGER: 802-279-9746

WEATHER DATA SOURCES: ASOS 135.625 (802) 888–7934.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 135.7

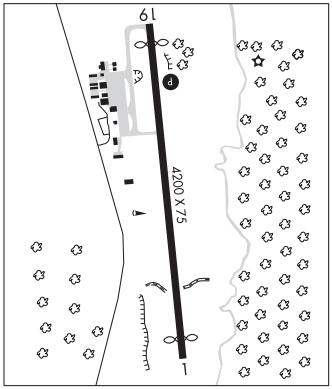
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122
N44°23.83′ W73°10.96′ 086° 25.8 NM to fld. 417/15W.

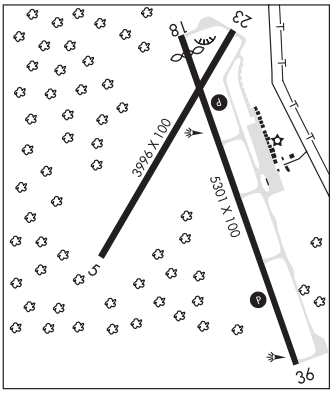
VOR unusable:
030°–086° byd 40 NM
075°–132° byd 30 NM blo 9,000′
087°–097° byd 40 NM blo 9,000′
087°–097° byd 49 NM
098°–169° byd 40 NM
133°–165° byd 30 NM blo 8,000′
170°–180° byd 40 NM blo 5,800′
170°–180° byd 47 NM
181°–196° byd 40 NM
244°–292° byd 40 NM
340°–350° byd 40 NM blo 6,000′
351°–010° byd 40 NM

DME unusable:
075°–132° byd 30 NM blo 9,000′
133°–165° byd 30 NM blo 8,000′



NEWPORT

NORTHEAST KINGDOM INTL (EFK)(KEFK) 3 SW UTC–5(–4DT) N44°53.29′ W72°13.72′ **MONTREAL**
934 B LRA NOTAM FILE BTV **H–11D, L–32H**
RWY 18–36: H5301X100 (ASPH) S–30, D–44 PCN PCN/33/F/D/X/T MIRL **IAP**
RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 43′. Thld dsplcd 299′.
RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 44′. Ground.
RWY 05–23: H3996X100 (ASPH) S–30, D–44
RWY 05: Trees.
RWY 23: Pole.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT PAPI Rwy 18 and 36; MIRL Rwy 18–36—CTAF.
AIRPORT REMARKS: Attended 1400–2200Z‡. 100LL and Jet A+ fuel 24 hr self svv. Mobile fuel vehicle when atndd. Rwy conds not mnt when unatdd. Rwy 05 extsv cracking, shoulders failed. Gulls on and in vicinity of arpt. Cold temperature airport. Altitude correction required at or below –32C.
AIRPORT MANAGER: 802-272-7725
WEATHER DATA SOURCES: AWOS–3P 118.275 (802) 334–4427.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 135.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BML.
BERLIN (DH) DME 116.55 BML Chan 112(Y) N44°38.01′ W71°11.17′ 289° 47.1 NM to fld. 1730.
DME unusable:
080°–125° blo 10,000′
188°–198° blo 10,000′
275°–292° blo 10,000′



NORTHEAST KINGDOM INTL (See NEWPORT on page 332)

PATRICK LEAHY BURLINGTON INTL (See BURLINGTON on page 326)

POST MILLS (2B9) 0 E UTC–5(–4DT) N43°53.02′ W72°15.13′ **NEW YORK**
696 NOTAM FILE BTV
RWY 04–22: 2900X80 (TURF)
RWY 04: Trees. Rgt tfc.
RWY 22: Road.
RWY 05–23: 2300X80 (TURF) 0.8% up NE
RWY 05: Trees. Rgt tfc.
RWY 23: Road.
AIRPORT REMARKS: Attended irregularly. Ultralights; gliders and hot air balloons on and invof arpt. Arpt open to ski acft only when snow covered. No snow removal. See snowtam rprts. Propane avbl for hot air balloons. Rwy 04–22: 70 ft trees, 40 ft E of cntrln, S 1700 ft.
AIRPORT MANAGER: 802-266-1355
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RUTLAND/SOUTHERN VERMONT RGNL (RUT)(KRUT) 5 S UTC–5(–4DT) N43°31.78′ W72°56.98′ 787 B Class IV, ARFF Index A NOTAM FILE RUT
NEW YORK
H–11D, 12K, L–32G
IAP, AD

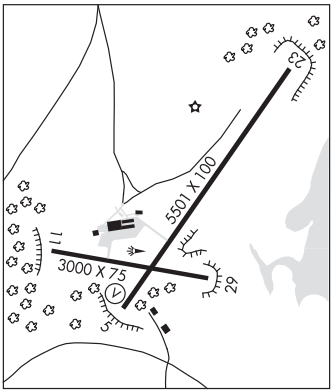
RWY 01–19: H5304X100 (ASPH–GRVD) S–40, D–68, 2S–86 PCR 271 F/D/X/T HIRL No Part 121/Part 380 Ops
RWY 01: PVASI(PSIR)—GA 3.5° TCH 17′. Thld dsplcd 300′. Hill.
RWY 19: MALSR. PAPI(P4L)—GA 3.2° TCH 55′. Rgt tfc.
RWY 13–31: H3169X75 (ASPH) S–30 PCR 172 F/D/X/T MIRL No Part 121/Part 380 Ops
RWY 13: REIL. Road.
RWY 31: Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–5304 TODA–5304 ASDA–5304 LDA–5004
RWY 19: TORA–5004 TODA–5004 ASDA–5004 LDA–5004
ARRESTING GEAR/SYSTEM
RWY 19: EMAS
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 19; REIL Rwy 13; HIRL Rwy 01–19; MIRL Rwy 13–31—CTAF. Rwy end 01: VGSI OTS UFN.
NOISE: Noise sensitive area SE of arpt ctc amgr.
AIRPORT REMARKS: Attended 1200–0030Z‡. For aft hrs svc call 802–773–3348. Birds on and invof arpt. Rwy conditions may not be monitored or reported when the arpt is unattended. Rwy 01–19 and Rwy 13–31, 90 day PPR for unsked ACR ops gtr than 30 pax seats–call amgr. Use Twy A to tax to or from AER 01 or 19. Twy C connects main apn with Twy A. Acft with wing spans exceeding 79 ft auzd to use Twy H & Twy B east of Rwy 01–19 & Rwy 13–31 for tax & Rwy 01 & 19 for tkof & ldg. Type I and type IV deicing avbl. ARFF svc avbl for non–air carrier ops, 48 hr PPR. Ctc amgr. Cold temperature airport. Altitude correction required at or below –7C. Ldg fees may apply for coml acft.
AIRPORT MANAGER: 802-272-7725
WEATHER DATA SOURCES: AWOS–3PT 118.375 (802) 747–3044.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**BOSTON CENTER APP/DEP CON** 135.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE RUT.
SMUTO NDB (MHW) 221 DYO N43°42.37′ W72°57.40′ 193° 10.6 NM to fld. 1138/15W.
NDB unusable:
351°–189° byd 15 NM
ILS/DME 111.7 I–RUT Chan 54 Rwy 19. Class IA. Glideslope unusable byd 4.00° right of course.

SHELBURNE (VT8) 2 S UTC–5(–4DT) N44°21.62′ W73°13.58′ 325 NOTAM FILE BTV
MONTREAL
RWY 01–19: 3077X60 (TURF)
RWY 01: Trees.
RWY 19: Trees.
AIRPORT REMARKS: Unatndd. No ln of sight btn rwy ends. Rwy sfc rough fst 200 ft each end. 70 ft pole mid–fld, 200 ft E of rwy cntrln.
AIRPORT MANAGER: 802-985-2100
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.

SMUTO N43°42.37′ W72°57.40′ NOTAM FILE RUT.
NEW YORK
L–32G
NDB (MHW) 221 DYO 193° 10.6 NM to Rutland/Southern Vermont Rgnl. 1138/15W.
NDB unusable:
351°–189° byd 15 NM

SPRINGFIELD

HARTNESS STATE (SPRINGFIELD) (VSF)(KVSF) 3 NW UTC–5(–4DT) N43°20.62′ W72°31.04′ **NEW YORK**
578 B TPA—See Remarks NOTAM FILE VSF **H–11D, 12K, L–32G**
RWY 05–23: H5501X100 (ASPH) S–32, D–45 MIRL 0.3% up SW **IAP**
RWY 05: REIL. VASI(V4L)—GA 4.0° TCH 59′. Trees.
RWY 23: Trees.
RWY 11–29: H3000X75 (ASPH) S–30 MIRL 0.3% up W
RWY 11: Trees.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTVT REIL Rwy 05; MIRL Rwy 05–23 and 11–29—CTAF.
NOISE: Noise sensitive area W of arpt.
AIRPORT REMARKS: Attended 1200–2300Z‡. After hrs call 603–762–8080. Birds on and invof arpt. Gliders on and invof arpt. A+ fuel full svc only. 100LL fuel full and self svc. Rwy conds not mnt when arpt is unatdd. Rwy 23 is calm wind rwy in day VFR conds. TPA—1658(1100) single engine, 2158(1600) multi–engine. Maintain TPA on downwind leg for Rwy 05. Apn and Twys A and B are PCN S–46 and D–62. Cold temperature airport. Altitude correction required at or below –19C.
AIRPORT MANAGER: 802-272-7725
WEATHER DATA SOURCES: ASOS 121.425 (802) 886–6006.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 134.7
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.
LEBANON (L) DME 113.7 LEB Chan 84 N43°40.73′ W72°12.96′ 213° 24.0 NM to fld. 1443.
DME unusable:
045°–075° byd 36 NM blo 10,000′
091°–119° byd 30 NM blo 7,500′
161°–304° byd 30 NM blo 6,300′
LOC/DME 111.3 I–VSF Chan 50 Rwy 05. LOC/DME unmonitored. DME unusable byd 11 NM blw 3,500′; byd 20° r of course.



VERGENNES

BASIN HARBOR (BØ6) 4 NW UTC–5(–4DT) N44°11.50′ W73°21.52′ **MONTREAL**
124 NOTAM FILE BTV
RWY 02–20: 3000X90 (TURF)
RWY 02: Trees.
RWY 20: Trees.
AIRPORT REMARKS: Unatndd. Rwy 02–20 clsd from Nov 15–Apr 15. Birds on and invof arpt. Rwy sfc soft aft hvy rain. 60 ft trees, 70 ft each side of rwy cntrln, S 2000 ft. Rwy 02 thr not mkd. Rwy 20 thr mkd with 3 ft diam yellow cones, 2 on each side.
AIRPORT MANAGER: 802-475-2311
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.

WARREN–SUGARBUSH (ØB7) 2 E UTC–5(–4DT) N44°07.04′ W72°49.62′ **MONTREAL**
1470 NOTAM FILE BTV
RWY 04–22: H2575X30 (ASPH) S–8.5 0.5% up SW
RWY 04: Trees. Rgt tfc.
RWY 22: Trees.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Attended May–Oct 1400–2300Z‡. Arpt CLOSED Nov–Apr. 100LL fuel self svc only durg atndd hrs. Extensive glider activity on arpt sfc to 18000 ft dalgt hrs. No line of sight between rwy ends. TGLS NA. Grass areas not authorized for taxi, takeoffs and ldgs without first checking UNICOM or management for field conds.
AIRPORT MANAGER: 802-496-2290
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.

WEST DOVER

DEERFIELD VALLEY RGNL (4V8) 1 SW UTC–5(–4DT) N42°55.63´ W72°51.94´ **NEW YORK**
L–32G, 33C

1953 NOTAM FILE BTV

RWY 01–19: H2650X75 (ASPH) MIRL

RWY 01: Trees.

RWY 19: Trees.

AIRPORT REMARKS: Unattended. Rwy 01–19 debris on rwy, extsv cracking. No ln of sight btw rwy ends. 60 ft drop off, 60 ft fm rwy end. Rwy 19: –60 ft drop off, 60 ft fm rwy end. Ldg fee.

AIRPORT MANAGER: 281-788-8450

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 123.75

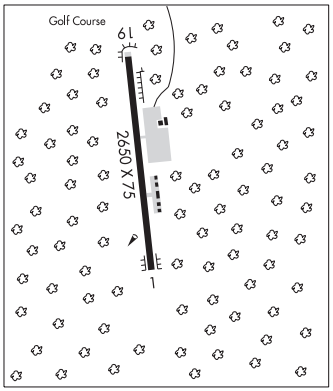
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

CAMBRIDGE (VL) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66´ W73°20.64´ 115° 21.5 NM to fld. 1490/14W.

DME unusable:
040°–130° blo 9,000´

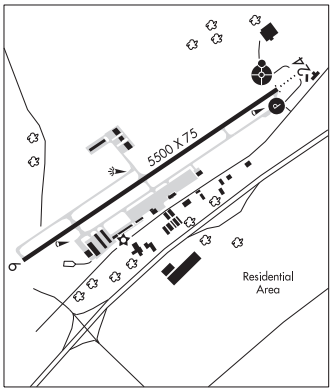
VOR unusable:
011°–021° byd 42 NM
022°–127° byd 40 NM
128°–144°
145°–160° byd 40 NM
161°–182°
183°–194° byd 40 NM
195°–205°
320°–010° byd 40 NM



WILLIAM H MORSE STATE (See BENNINGTON on page 325)

ABINGDON

VIRGINIA HIGHLANDS (VJI)(KVJI) 2 W UTC–5(–4DT) N36°41.18′ W82°02.09′ **CINCINNATI**
2088 B TPA—3078(990) NOTAM FILE VJI **L–26H**
RWY 06–24: H5500X75 (ASPH) S–30 MIRL 0.4% up NE **IAP**
RWY 06: REIL. Tree.
RWY 24: ODALS. REIL. PAPI(P2L)—GA 3.25° TCH 23′. Tree.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT ODALS Rwy 24; REIL Rwy 06 and Rwy 24; PAPI Rwy 24; MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Attended 1200–0000Z‡. Unattended New Years Day, July 4th, Thanksgiving, Christmas Day. Wildlife invof arpt. Ultralights on and invof arpt. For fuel after hrs, arrange before 0000Z‡ at 276–628–6030 or 276–274–4040. There is a fee ctc FBO. Anti–icing fuel additive avbl.
MILITARY REMARKS: LGT ACTVT ODALS Rwy 24; REIL Rwy 06 and Rwy 24; PAPI Rwy 24; MIRL Rwy 06–24—CTAF.
AIRPORT MANAGER: 276-628-2909
WEATHER DATA SOURCES: AWOS–3 128.125 (276) 628–2940.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **TRI CITY APP/DEP CON** 125.25 (1100–0500Z‡)
Ⓡ **ATLANTA CENTER APP/DEP CON** 127.85 (0500–1100Z‡)
CLEARANCE DELIVERY PHONE: When Tri Cities Apch clsd, for CD ctc Atlanta ARTCC at 770-210-7692.
RADIO AIDS TO NAVIGATION: NOTAM FILE BNA.



HOLSTON MOUNTAIN (L) (L) VORTACW 114.6 HMV Chan 93 N36°26.22′ W82°07.78′ 021° 15.6 NM to fld. 4321/4W.
VOR unusable:
076°–126° byd 17 NM blo 8,500′
171°–178° byd 27 NM blo 10,000′
171°–178° within 27 NM blo 8,500′
260°–265° byd 36 NM blo 8,500′
LOC/DME 108.3 I–VJI Chan 20 Rwy 24. LOC unmonitored when arpt unatndd. LOC unusable within 2.9 NM; byd 2.9 NM abv 4,000′; byd 3.9 NM abv 6,500′.

ACCOMACK CO (See MELFA on page 363)

ALLAN C PERKINSON/BLACKSTONE AAF (BKT)(KBKT) MIL/CIV A 2 E UTC–5(–4DT) N37°04.48′ W77°57.11′ **WASHINGTON L–36H IAP, DIAP, AD**

437 B NOTAM FILE DCA

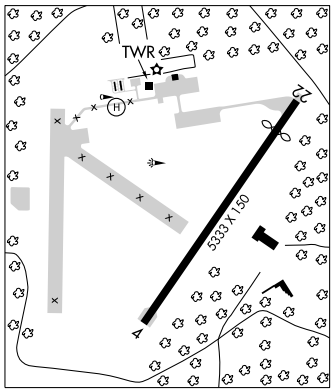
RWY 04–22: H5333X150 (CONC) PCN 51 R/B/W/T MIRL 0.7% up NE

RWY 04: Tree.

RWY 22: Thld dsplcd 700′. Tree.

SERVICE: **FUEL** 100LL, JET A **LGT** When ATCT clsd ACTVT MIRL Rwy 04–22—CTAF. **MILITARY— FUEL** J8 (Mil), 100LL, A, A+ —Self–svc avbl 24 hrs.

AIRPORT REMARKS: Attended Mon–Fri 1300–2300Z‡. Parachute Jumping. Extsv UAS actvy on and invof of arpt. Deer and bird wildlife haz, ctc Base Ops C434–2929–8589 for current status. Ultralight activity on and around afld. No PPR rqr for civ acft. Svc: 434–294–7558, OT 434–294–7251. Crash/Rescue svc DSN 292–2217. Avoid flt blw 500 ft over ammunition supply point 1 NM S of arpt. Jet and military training within 20 NM radius. Extensive C–130 tfc and frequent parachute drops. APGU avbl during duty hours. Rwy 04 markings in poor cond. Rwy 22 rwy markings in poor cond. Dsplcd thr poor vis. Hold short line poor vis.



MILITARY REMARKS: Mil acft ctc pts div Ft Pickett 434–292–2193/8622/2047 for PPR. **MISC** Mil acft ctc base ops 434–292–8589/2193 for PPR. Crash/Rescue svc 434–292–2217.

AIRPORT MANAGER: 434-292-2193

WEATHER DATA SOURCES: ASOS (434) 292–1400 AN/FMQ–23 owned by U.S. Army.

COMMUNICATIONS: ATIS 119.225 434–292–2457 **CTAF** 134.7

Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75 377.1

BLACKSTONE TOWER 134.7 292.7 (Mon–Fri 1300–2100Z‡; exc fed hols; OT by NOTAM). **GND CON** 127.625

RANGE OPS 34.1 36.1 121.5 243.0

CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Washington ARTCC at 703-771-3587.

AIRSPACE: CLASS D svc Mon–Fri 1300–2100Z‡, exc fed hols, other times by NOTAM; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) DME 112.9 LVL Chan 76 N36°49.08′ W77°54.18′ 351° 15.6 NM to fld. 350.

DME unusable:

Blw 3,000′

BLACKSTONE NDB (MHW) 326 BKT N37°07.65′ W78°02.67′ 134° 5.5 NM to fld. 418/9W.

• • • • • • • • • • • • • • • • • • •

HELIPAD H1: H50X50 (ASPH–CONC)

HELIPORT REMARKS: H1 Pri ingress/egress 277/097; Sry ingress/egress 097/277. Sfc mrkgs nstd. Dalgt use only. Ltd to 12,500 lbs. Used extsvly for UAS and AAM trng and testing. FATO is non–loadbearing.

AP HILL LZ (FORT AP HILL) (APH)(KAPH) A 2 NW UTC–5(–4DT) N38°04.13′ W77°19.14′ **WASHINGTON L–34E, 36H**

220 TPA—See Remarks NOTAM FILE DCA Not insp.

RWY 05–23: 2202X100 (TURF)

RWY 23: Rgt tfc.

MILITARY REMARKS: Attended Mon–Fri 1300–2100Z‡, excluding holidays, other times on request. **RSTD** Rotary wing acft only 24 hr PPR 804–633–8272. Sod Rwy 05–23 and Rwy 11–29. Rwy 11–29 primary use parking and refuel. Rwy 11–29 CLOSED to arriving/departing tfc. Advisory svc by aviation operations 1300–2130Z‡ Mon–Fri exc hol. Other times by range control staff. 24 hr PPR all acft C804–633–8713/8272. **CAUTION** Rng impact area R–6601A lctd 600m SE from midfld int. **TFC PAT** TPA–900(680) **MISC** 40X40 concrete pad SE of rwy at midfld. Attended/advisory service from range control Mon–Fri.

COMMUNICATIONS: CTAF 126.2

POTOMAC APP/DEP CON 126.75

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE EZF.

SHANNON NDB (MHW) 237 EZF N38°15.98′ W77°27.03′ 162° 13.4 NM to fld. 83/10W. NDB unmonitored when arpt unatndd.

NDB unusable:

Byd 15 NM

COMM/NAV/WEATHER REMARKS: Ctc NOMAD Advisory/Range Control on 126.2.

APOLLO SOUCEK FLD (See OCEANA NAS (APOLLO SOUCEK FLD) on page 370)

ARMEL N38°56.08′ W77°28.00′ NOTAM FILE IAD. WASHINGTON COPTER H–10H, L–29E, 34E, 36I, A

(L) (L) VORW/DME 113.5 AML Chan 82 at Washington Dulles Intl. 296/8W.
VOR unusable:
055°–092° blo 4,500′
093°–115°
116°–210° blo 4,500′
DME unusable:
055°–210° byd 28 NM blo 2,500′
211°–230° byd 30 NM blo 3,000′

BALES N36°35.41′ W79°55.05′ NOTAM FILE MTV. CINCINNATI L–26J, 36F

NDB (MHW/LOM) 396 UV 304° 5.5 NM to Blue Ridge. 1089/7W. NDB unmonitored when arpt unatndd.

BLACKSBURG

VIRGINIA TECH/MONTGOMERY EXEC (BCB)(KBCB) 3 S UTC–5(–4DT) N37°12.56′ W80°24.73′ CINCINNATI H–10H, 12H, L–26I IAP

2119 B TPA—See Remarks NOTAM FILE BCB

RWY 13–31: H5501X100 (ASPH–GRVD) MIRL
RWY 13: ODALS. PAPI(P4L)—GA 3.44° TCH 55′. Tree.
RWY 31: REIL. PAPI(P2L)—GA 3.0° TCH 50′. Tree.

SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTVT ODALS Rwy 13; REIL Rwy 31; PAPI Rwy 13 and 31; MIRL Rwy 13–31—CTAF. MIRL Rwy 13–31 preset low intst.

NOISE: Noise sensitive area north of arpt. VFR departures maintain rwy heading until reaching 1000 ft AGL.

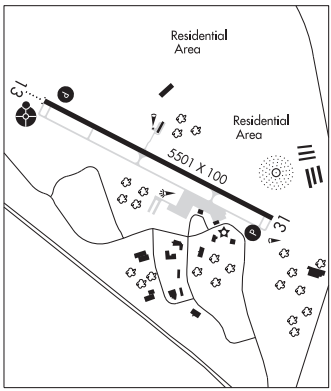
AIRPORT REMARKS: Attended 1300–0000Z‡. Unattended New Years Day, Thanksgiving Day, Christmas Day, major holidays. Occasional wildlife on arpt. PPR for fuel when arpt unattended, phone 540–231–4444. Fee for after hrs. TPA—3120(1000) for non turbine powered acft, 3620(1500) turbine powered acft.

AIRPORT MANAGER: 540-231-4444

WEATHER DATA SOURCES: AWOS–3 133.325 (540) 231–4837.

COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **ROANOKE APP/DEP CON** 133.225
CLNC DEL 124.85

CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.



RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) (H) VORTACW 116.8 PSK Chan 115 N37°05.26′ W80°42.77′ 069° 16.2 NM to fld. 2127/6W.
DME unusable:
034°–038° byd 25 NM
135°–175° byd 25 NM blo 10,000′
200°–225° byd 10 NM
250°–350° byd 25 NM blo 10,000′
284°–286° byd 10 NM blo 10,000′
287°–316° byd 25 NM blo 10,000′
315°–335° byd 10 NM blo 10,000′
334°–033° byd 25 NM blo 10,000′
TACAN AZIMUTH unusable:
034°–038° byd 25 NM
053°–100°
135°–175° byd 25 NM blo 10,000′
200°–225° byd 10 NM
234°–283°
284°–286° byd 10 NM blo 10,000′
287°–316° byd 25 NM blo 10,000′
315°–335° byd 10 NM blo 10,000′
334°–033° byd 25 NM blo 10,000′

TECH NDB (MHW) 368 TEC N37°12.52′ W80°24.21′ at fld. 2124/8W. NOTAM FILE BCB.

LOC/DME 109.1 I–BCB Chan 28 Rwy 13. LOC/DME unmonitored when arpt unatndd.

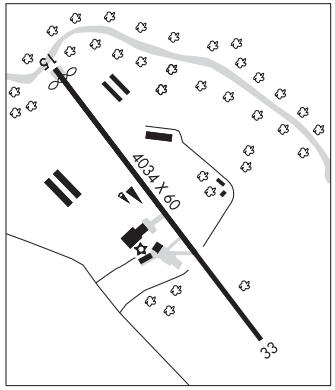
COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540–563–1307.

BLUE RIDGE (See MARTINSVILLE on page 362)

BOJAR N37°15.75′ W79°14.59′ NOTAM FILE LYH. CINCINNATI L–26J, 36G

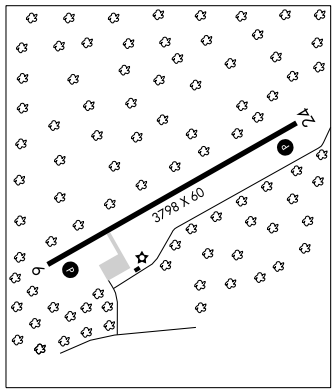
NDB (MHW/LOM) 385 LY 036° 4.3 NM to Lynchburg Rgnl/Preston Glenn Fld. 804/8W. NDB unmonitored when ATCT closed.

BRIDGEWATER AIR PARK (VBW)(KVBW) 1 SE UTC–5(–4DT) N38°21.92′ W78°57.54′ WASHINGTON
1165 B NOTAM FILE DCA L–26J
RWY 15–33: H4034X60 (ASPH) S–22 MIRL IAP
RWY 15: Thld dsplcd 145′. Tree.
RWY 33: Fence.
SERVICE: **FUEL** JET A+ **LGT** ACTIVATE MIRL Rwy 15–33—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡, Sat 1400–2100Z‡, and Sun 1700–2100Z‡.
AIRPORT MANAGER: 540-828-6070
WEATHER DATA SOURCES: AWOS–3 119.55 (540) 828–2076.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 132.85
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
MONTEBELLO (VL) (L) VORW/DME 115.3 MOL Chan 100
N37°54.03′ W79°06.41′ 019° 28.7 NM to fld. 3455/5W.
DME unusable:
158°–168° byd 30 NM blo 6,000′



BROOKE N38°20.18′ W77°21.17′ NOTAM FILE DCA. WASHINGTON
(L) (L) VORTACW 114.5 BRV Chan 92 237° 6.2 NM to Shannon. 145/9W. H–10H, L–29E, 34E, 36I, A
VOR unusable:
001°–360°
TACAN AZIMUTH unusable:
011°–060° byd 20 NM
061°–120°
121°–161° byd 17 NM
162°–238°
239°–249° byd 5 NM
250°–010°

BROOKNEAL/CAMPBELL CO (ØV4) 6 NW UTC–5(–4DT) N37°08.50′ W79°00.98′ CINCINNATI
597 B NOTAM FILE DCA L–26J, 36G
RWY 06–24: H3798X60 (ASPH) S–12.5 MIRL IAP
RWY 06: REIL. PAPI(P2R)—GA 3.0° TCH 43′. Brush.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 46′. Tree.
SERVICE: **FUEL** 100LL **LGT** Dusk–Dawn. MIRL Rwy 06–24 preset low, to incr intst and ACTVT REIL Rwy 06 and 24; PAPI Rwy 06 and 24—CTAF.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. Ultralight activity on and invof arpt.
AIRPORT MANAGER: 434-841-5360
WEATHER DATA SOURCES: AWOS–3 120.575 (434) 283–7826.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **ROANOKE APP/DEP CON** 125.475 135.0
CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
LYNCHBURG (L) (L) VORW/DME 109.2 LYH Chan 29 N37°15.27′ W79°14.18′ 128° 12.5 NM to fld. 871/5W.
VOR unusable:
020°–025°
200°–210°
301°–360°
COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540–563–1307.

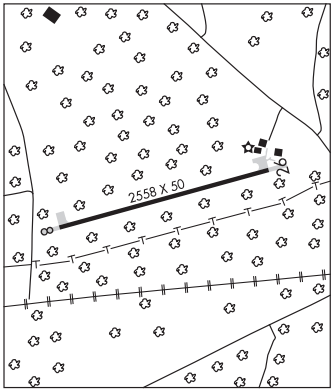


BRUNSWICK CO (See LAWRENCEVILLE on page 357)

BUCK'S ELBOW MOUNTAIN N38°06.25′ W78°44.62′ WASHINGTON
RCO 122.2 (LEESBURG RADIO) L–26J, 36H

BUMPASS

LAKE ANNA (7W4) 0 NW UTC–5(–4DT) N37°57.95′ W77°44.75′ **WASHINGTON**
351 B NOTAM FILE DCA **L–34E, 36H**
RWY 08–26: H2558X50 (ASPH) S–6 MIRL **IAP**
RWY 08: Trees.
RWY 26: Tree.
SERVICE: **LGT** ACTIVATE MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Unattended. Deer on and invof arpt.
AIRPORT MANAGER: 804-550-5794
WEATHER DATA SOURCES: AWOS–3 120.775 (540) 872–0303.
COMMUNICATIONS: CTAF 122.9
Ⓡ **POTOMAC APP/DEP CON** 126.75
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.



CAMP PEARY LNDG STRIP (W94) A 3 NE UTC–5(–4DT) N37°18.77′ W76°38.29′ **WASHINGTON**
41 NOTAM FILE DCA Not insp. **H–10I, 12I, L–34E, 36H**
RWY 05–23: H5018X151 (ASPH) LIRL **DIAP**
RWY 05: ALSF2. PAPI(P4L).
RWY 23: ALSF2. PAPI(P4L).
MILITARY REMARKS: Opr Mon–Fri 1300–2130Z‡. Fld rstd, PPR by written req to Base Commander, Attn Air OPS. Exc when opr under prior permission authorized, pilots should maintain at least 3000′ abv the arpt elevation within 5 NM.
AIRPORT MANAGER: 757-808-3900
CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HARCUM (L) (L) VORTACW 108.8 HCM Chan 25 N37°26.92′ W76°42.68′ 164° 8.9 NM to fld. 8/7W.
VOR unusable:
056°–095° blo 2,000′
096°–112° byd 20 NM
174°
275°–300° blo 2,000′

CAMPBELL FLD (See WEIRWOOD on page 385)

CASANOVA N38°38.47′ W77°51.93′ NOTAM FILE DCA. **WASHINGTON**
(H) (H) VORTACW 116.3 CSN Chan 110 184° 6.9 NM to Culpeper Rgnl. 442/6W. **H–10H, L–29D, 34E, 36I, A**
VOR unusable:
310°–350° byd 10 NM blo 11,000′
TACAN AZIMUTH unusable:
310°–350° byd 10 NM blo 11,000′
DME unusable:
310°–350° byd 10 NM blo 11,000′

CAVERNS N38°41.96′ W78°28.34′ NOTAM FILE DCA. **WASHINGTON**
NDB (MHW) 245 LUA 223° 2.4 NM to Luray Caverns. 834/9W. NDB unmonitored when arpt unatndd. **L–29G**
NDB unusable:
050°–208° byd 10 NM
209°–049° byd 15 NM

CHAMBERS FLD (See NORFOLK NS (CHAMBERS FLD) on page 368)

CHARLOTTESVILLE–ALBEMARLE (CHO)(KCHO) 7 N UTC–5(–4DT) N38°08.38´ W78°27.14´ 640 B ARFF Index—See Remarks NOTAM FILE CHO MON Airport

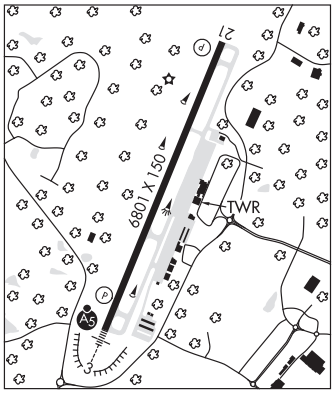
WASHINGTON
H–10H, 12I, L–26J, 36H
IAP, AD

RWY 03–21: H6801X150 (ASPH–GRVD) S–89, D–114, 2S–175, 2D–171 PCR 360 F/D/X/T HIRL 0.3% up SW
RWY 03: MALSR. PAPI(P4L)—GA 3.0° TCH 53´.
RWY 21: REIL. PAPI(P4R)—GA 3.0° TCH 50´.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–6801 TODA–6801 ASDA–6801 LDA–6801
RWY 21: TORA–6801 TODA–6801 ASDA–6801 LDA–6801

SERVICE: S4 **FUEL** 100LL, JET A **LGT** When ATCT clsd HIRL Rwy 03–21, and twy lights preset low intst. To ACTVT and increase intst MALSR Rwy 03; REIL Rwy 21; HIRL Rwy 03–21 and twy lights—CTAF. Rwy 21 VGSI unusbl byd 6.5 deg L of RCL.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. For acft svcs ctc 126.925. Class I, ARFF Index B. PPR 24 hrs for unsked air carrier ops with more than 30 psgr seats, 24 hr PPR for all fixed wing mil aircraft RON, call arpt manager 434–981–4152. Wheeled helicopters are requested to ground taxi when transiting arpt. Ldg fee only for acft over 7000 lbs.



AIRPORT MANAGER: 434-973-8342

WEATHER DATA SOURCES: ASOS (434) 975–0110

COMMUNICATIONS: CTAF 124.5 **ATIS** 118.425 **UNICOM** 122.95
Ⓡ**POTOMAC APP/DEP CON** 132.85
APP/DEP CON 120.525
TOWER 124.5 (1100–0400Z‡) **GND CON** 121.9

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-640-4124.

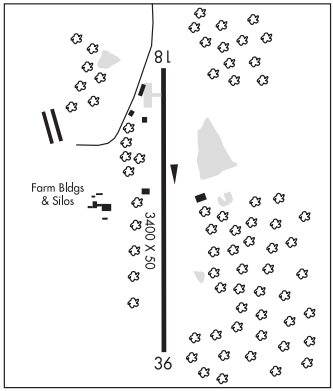
AIRSPACE: CLASS D svc 1100–0400Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GORDONSVILLE (VH) (H) VORTACW 115.6 GVE Chan 103 N38°00.82´ W78°09.18´ 304° 16.1 NM to fld. 383/6W.
TACAN AZIMUTH unusable:
250°–260° byd 25 NM blo 7,000´
VOR unusable:
005°–050° byd 40 NM
180°–207° byd 40 NM
208°–218° byd 40 NM blo 3,000´
208°–218° byd 50 NM
219°–225° byd 40 NM
260°–301° byd 40 NM
302°–312° byd 40 NM blo 9,000´
302°–312° byd 65 NM
313°–331° byd 40 NM
332°–342° byd 40 NM blo 6,100´
332°–342° byd 46 NM
343°–360° byd 40 NM

ILS/DME 111.7 I–CHO Chan 54 Rwy 03. Class IA. ILS unmonitored when ATCT closed.

CHASE CITY MUNI (CXE)(KCXE) 2 W UTC–5(–4DT) N36°47.30′ W78°30.09′ **WASHINGTON**
503 TPA—1303(800) NOTAM FILE DCA **L–36G**
RWY 18–36: H3400X50 (ASPH) S–12.5 0.5% up N **IAP**
RWY 18: Road.
RWY 36: Brush.
AIRPORT REMARKS: Unattended. Arpt CLOSED SS–SR indef. Deer on and invof arpt. Farm equip operating near rwy. Rwy 18–36 severe cracking. 1–2 inches in places and along cntrln. Rwy 18–36 longitudinal and transverse cracking, some raveling in certain areas.
AIRPORT MANAGER: 434-372-5136
WEATHER DATA SOURCES: AWOS–3 121.225 (434) 372–4506.
COMMUNICATIONS: CTAF 122.9
Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SOUTH BOSTON (L) (L) VORTACW 110.4 SBV Chan 41 N36°40.50′ W79°00.87′ 080° 25.7 NM to fld. 520/5W.



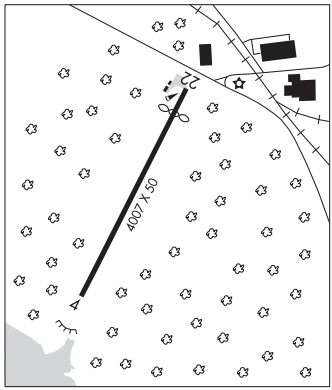
CHESAPEAKE RGNL (See NORFOLK on page 366)

CHESTER

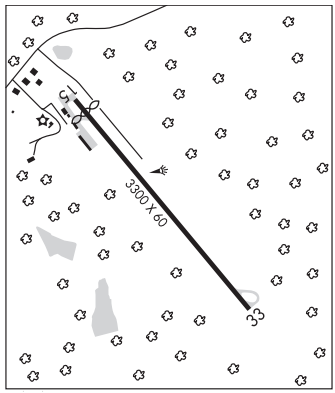
MC LAUGHLIN SPB (2G6) 6 E UTC–5(–4DT) N37°19.23′ W77°20.75′ **WASHINGTON**
7 NOTAM FILE DCA Not insp.
WATERWAY 05W–23W: 2500X150 (WATER)
WATERWAY 05W: Rgt tfc.
SEAPLANE REMARKS: Unattended.
AIRPORT MANAGER: 804-641-0423
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
COMM/NAV/WEATHER REMARKS: For CInc Del ctc Potomac Apch at 866–640–4124.

CLARKSVILLE

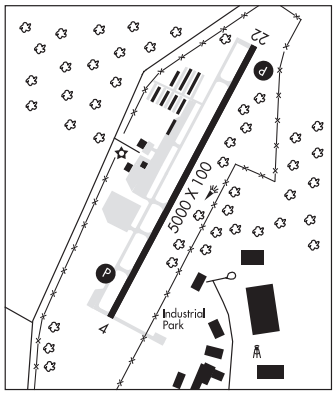
LAKE COUNTRY RGNL (W63) 2 S UTC–5(–4DT) N36°35.78′ W78°33.58′ **WASHINGTON**
421 B TPA—1221(800) NOTAM FILE DCA **L–36G**
RWY 04–22: H4007X50 (ASPH) S–12.5 MIRL 1.0% up NE **IAP**
RWY 04: Tree.
RWY 22: Thld dsplcd 480′. Road.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Attended 1300–2200Z‡. Wildlife invof arpt. For fuel call number posted beside public pay phone on side of hangar.
AIRPORT MANAGER: 434-374-8028
WEATHER DATA SOURCES: AWOS–3 118.225 (434) 374–2431.
COMMUNICATIONS: CTAF 122.9
Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SOUTH BOSTON (L) (L) VORTACW 110.4 SBV Chan 41 N36°40.50′ W79°00.87′ 107° 22.5 NM to fld. 520/5W.



CREWE MUNI (W81) 1 E UTC–5(–4DT) N37°10.86′ W78°05.91′ **WASHINGTON**
422 B NOTAM FILE DCA **L–36H**
RWY 15–33: H3300X60 (ASPH) S–12 MIRL 1.0% up NW **IAP**
RWY 15: Thld dsplcd 277′. Tree.
RWY 33: Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–3300 TODA–3300 ASDA–3023 LDA–3023
SERVICE: **FUEL** 100LL **LGT** For MIRL Rwy 15–33 key CTAF 5 times on; 3 times off.
AIRPORT REMARKS: Unattended. Arpt unattended ctc town manager for assistance at 434–645–9453. Rwy 15 dsplcd thld markigs in poor condition. Old markings showing thru. Rwy 15–33 has lrg cracks. Rwy 33 mrkgs faded.
AIRPORT MANAGER: 434-645-1191
WEATHER DATA SOURCES: AWOS–3 119.050.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LAWRENCEVILLE (L) DME 112.9 LVL Chan 76 N36°49.08′ W77°54.18′ 337° 23.7 NM to fld. 350.
DME unusable:
Blw 3,000′

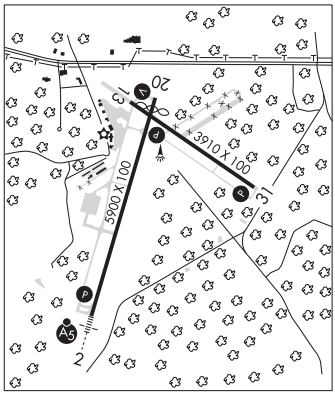


CULPEPER RGNL (CJR)(KCJR) 7 NE UTC–5(–4DT) N38°31.53′ W77°51.58′ **WASHINGTON**
316 B NOTAM FILE CJR **H–10H, 12I, L–29E, 34E, 36I, A**
RWY 04–22: H5000X100 (ASPH–GRVD) S–40 PCN PCN/28/F/B/X/U MIRL **IAP**
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 04 and 22; PAPI Rwy 04 and 22; MIRL Rwy 04–22; twy lgts—CTAF.
AIRPORT REMARKS: Attended 1300–2300Z‡. Hours change Mid–Oct, check NOTAM for details. Deer on and invof arpt. Med–flight: Ireg dep pat. Call out svc avbl; fees apply. Lndg fee for acft 8000 lbs or gtr. Ctc 540–825–8280 for fee info.
AIRPORT MANAGER: 540-825-8280
WEATHER DATA SOURCES: AWOS–3PT 119.325 (540) 727–0523.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **POTOMAC APP/DEP CON** 128.525
CLNC DEL 121.6
GCO 121.6 (POTOMAC APCH CD. IF UNA, FOR CD CTC POTOMAC APCH AT 866–709–4993)
CLEARANCE DELIVERY PHONE: GCO avbl on freq 121.6 thru Potomac Apch CD. If una, for CD ctc Potomac Apch at 866-709-4993.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
CASANOVA (H) (H) VORTACW 116.3 CSN Chan 110 N38°38.47′ W77°51.93′ 184° 6.9 NM to fld. 442/6W.
VOR unusable:
310°–350° byd 10 NM blo 11,000′
TACAN AZIMUTH unusable:
310°–350° byd 10 NM blo 11,000′
DME unusable:
310°–350° byd 10 NM blo 11,000′
NAILR NDB (MHW) 351 MSQ N38°27.26′ W77°54.32′ 037° 4.8 NM to fld. 289/10W. NOTAM FILE CJR.
NDB unusable:
260°–355° byd 15 NM
LOC/DME 109.95 I–DZH Chan 36(Y) Rwy 04.



DANVILLE RGNL (DAN)(KDAN) 3 E UTC–5(–4DT) N36°34.35′ W79°20.18′ **CINCINNATI**
571 B TPA—See Remarks NOTAM FILE DAN **H–9C, 12I, L–26J, 36G**
IAP

RWY 02–20: H5900X100 (ASPH–GRVD) S–90, D–130, 2S–165 HIRL 0.5% up N
RWY 02: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. Tree.
RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 47′. Thld dsplcd 300′. Tree.
RWY 13–31: H3910X100 (ASPH) S–90, D–130, 2S–165 MIRL 1.1% up NW
RWY 13: REIL. VASI(V2L)—GA 3.0° TCH 28′. Tree.
RWY 31: REIL. PAPI(P2L)—GA 4.0° TCH 76′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–5600 TODA–5900 ASDA–5600 LDA–5600
RWY 20: TORA–5900 TODA–5900 ASDA–5900 LDA–5600



SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTIVATE HIRL Rwy 02–20, MIRL Rwy 13–31, REIL Rwy 13, Rwy 31, and Rwy 20, MALSR Rwy 02, VASI Rwy 13 and PAPI Rwy 02, Rwy 20 and Rwy 31—CTAF.
AIRPORT REMARKS: Attended 1200–0000Z‡. Arpt unattended Christmas Day. Birds and deer on and invof arpt. Trees penetrating 7:1 transitional sfc of Rwy 31 both sides, first 1000′. Ctc arpt administration prior to conducting specialized aero activities 434–799–5110. TPA–1371 (800) lgt acft, 2071 (1500) turbine acft. Rwy 02 is designated calm wind rwy.
AIRPORT MANAGER: 434-799-5110
WEATHER DATA SOURCES: ASOS 128.125 (434) 799–1701.
COMMUNICATIONS: CTAF/UNICOM 123.05
RCO 122.2 (LEESBURG RADIO)
Ⓡ**WASHINGTON CENTER APP/DEP CON** 124.05
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Washington ARTCC at 703-771-3587.
AIRSPACE: CLASS E svc continuous.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SOUTH BOSTON (L) (L) VORTACW 110.4 SBV Chan 41 N36°40.50′ W79°00.87′ 254° 16.7 NM to fld. 520/5W.
ILS 110.7 I–DAN Rwy 02. Class IE.

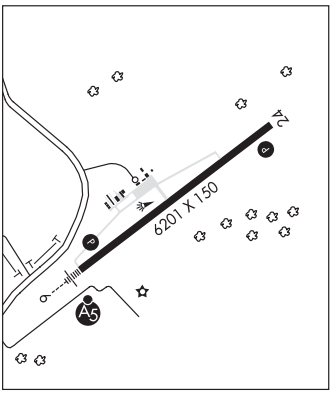
DAVISON AAF (DAA)(KDAA) A (ARNG) 3 NW UTC–5(–4DT) N38°42.90′ W77°10.85′ **WASHINGTON**
74 B TPA—See Remarks NOTAM FILE DCA Not insp. **COPTER**
RWY 14–32: H5421X75 (ASPH) PCN 52 F/A/W/T HIRL **H–10H, 12I, L–29E, 34E, 36I, A**
RWY 14: PAPI(P4L)—GA 3.0° TCH 68′. RVR–R Thld dsplcd 491′. **DIAP**
RWY 32: MALSF. PAPI(P4R)—GA 3.0° TCH 35′. RVR–T Thld dsplcd 892′.
SERVICE: **MILITARY— LGT** Avbl 0230–1100Z‡ Mon–Fri. When twr clsd HIRL Rwy 14–32 set to PCL. To ACTVT & incr ints MALSF Rwy 32; PAPI Rwy 14 & 32—CTAF. **FUEL** A++ (MIL); Avbl 1200–0300Z‡ Mon–Fri.
NOISE: Noise Abatement twr will advise of restriction to engine run up, tkf and ldg btn Mon–Sat 0300–1300Z‡, Sun and hol 2200–1700Z‡. Multiple practice instrument apch or tfc pat work are only authorized Mon–Sat 1300–0300Z‡, Sun and hol 1700–0300Z‡.
MILITARY REMARKS: Opr 1100–0230Z‡ Mon–Fri exc hol. **RSTD** Off Bus Only. PPR 24 hr notice for all non DAA based acft, ctc Base Ops 1100–0500Z‡ Mon–Fri, 1200–2100Z‡ Sat–Sun, C571–515–4226/4228/4224. Rwy 14 PAPI are non–standard. VFR use only. Acft with wingspan greater than 65′ are prohibited from taxiing NW of Twy F due to tree line located within 150′ of twy centerline. Twy G, H, and J clsd for night and IFR ops due to being unlit. Helipad 14–32 is 50′ wide. Lmtd to H–60 and smaller acft ops. Hazards: Rwy 14 inbd (inground) thr lgts are removed. Helipad 14–32 clsd for night and IFR ops due to being unlit. **CAUTION** Exp shear/crosswind shift touch down zone Rwy 32 dur SW–NW wind. Wildlife haz. **TFC PAT** TPA–F/W R/W SW 1500(1426), R/W NE 1100(1026). **MISC** Aerodrome beacon located 4600 ft E–NE of afld on top of DLA bldg. Transient acft parking on DCNG ramp contact guard ops on 52.75. With twr/ops apv, dep acft may use displ thlds for tkof roll. Wx obsn automated. Wx obsn augmented/back–up as req 1030–0230Z‡ Mon–Fri, exc hol. Wx fcst 1100–0230Z‡ Mon–Fri, exc hol, ot, C571–515–4258, remote briefing svc avbl 15 OWS, Scott AFB DSN 576–9755, fax extn 4855 or http:// ows.scott.af.mil. See VFR–S for Pentagon Heliport. **ARNG** Opr continuously.
AIRPORT MANAGER: 571-515-4233
COMMUNICATIONS: CTAF 124.275 **ATIS** 128.175 (1100–0230Z‡ Mon–Fri, excl hols)
PTD 139.4 (VIP arr ctc Base OPS 15 min prior to ldg)
Ⓡ **POTOMAC APP/DEP CON** 118.95 124.7 257.2 338.2
TOWER 124.275 229.4 241.0 (1100–0230Z‡ Mon–Fri excl hol) **GND CON** 121.9 351.8 **CLNC DEL** 351.8
METRO PMSV 139.4 **BASE OPS** 139.4 **ARNG OPS** 52.75
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-599-3874.
AIRSPACE: CLASS D svc 1100–0230Z‡ Mon–Fri exc hol; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.
ARMEL (L) (L) VORW/DME 113.5 AML Chan 82 N38°56.08′ W77°28.00′ 142° 18.8 NM to fld. 296/8W.
VOR unusable:
055°–092° blo 4,500′
093°–115°
116°–210° blo 4,500′
DME unusable:
055°–210° byd 28 NM blo 2,500′
211°–230° byd 30 NM blo 3,000′
ILS/DME 108.9 I–DAA Chan 26 Rwy 32. Class IA. Unmonitored when ATCT clsd.
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

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HELIPAD H1: H50X50 (CONC)

DUBLIN

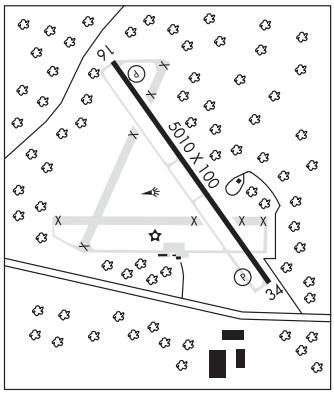
NEW RIVER VALLEY (PSK)(KPSK) 2 N UTC–5(–4DT) N37°08.24´ W80°40.71´ **CINCINNATI**
2105 B NOTAM FILE PSK **H–10H, 12H, 6G, L–26I**
RWY 06–24: H6201X150 (ASPH–GRVD) D–60 HIRL 0.5% up SW **IAP**
RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 58´. Trees.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 44´. Tree.
SERVICE: S4 **FUEL** 100LL, JET A+ **OX** 3, 4 **LGT** ACTVT MALSR Rwy 06; REIL Rwy 24; PAPI Rwy 06 and 24; HIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1300–0000Z‡, Sat–Sun 1400–2200Z‡. Unattended New Years Day, Easter, Memorial Day, July 4th, Labor Day, Thanksgiving, Chirstmas Eve, and Christmas Day. Mil contract fuel unavbl. Deer on and invof arpt.
AIRPORT MANAGER: 540-674-4141
WEATHER DATA SOURCES: AWOS–3 127.375 (540) 674–2731.
COMMUNICATIONS: CTAF/UNICOM 122.7
PULASKI RCO 122.3 (LEESBURG RADIO)
ROANOKE APP/DEP CON 126.0
CLNC DEL 121.7
RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.
PULASKI (H) (H) VORTACW 116.8 PSK Chan 115 N37°05.26´ W80°42.77´ 035° 3.4 NM to fld. 2127/6W.
DME unusable:
034°–038° byd 25 NM
135°–175° byd 25 NM blo 10,000´
200°–225° byd 10 NM
250°–350° byd 25 NM blo 10,000´
284°–286° byd 10 NM blo 10,000´
287°–316° byd 25 NM blo 10,000´
315°–335° byd 10 NM blo 10,000´
334°–033° byd 25 NM blo 10,000´
TACAN AZIMUTH unusable:
034°–038° byd 25 NM
053°–100°
135°–175° byd 25 NM blo 10,000´
200°–225° byd 10 NM
234°–283°
284°–286° byd 10 NM blo 10,000´
287°–316° byd 25 NM blo 10,000´
315°–335° byd 10 NM blo 10,000´
334°–033° byd 25 NM blo 10,000´
ILS 110.9 I–PSK Rwy 06. Class IA. Unmonitored when FBO clsd. Glideslope autocpd apch NA blw 2,500´.
COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540–563–1307.



EAGLE'S NEST (See WAYNESBORO on page 384)

EMPORIA–GREENSVILLE RGNL (EMV)(KEMV) 3 E UTC–5(–4DT) N36°41.21′ W77°28.96′ **WASHINGTON**
127 B TPA—See Remarks NOTAM FILE EMV **H–9C, 10H, 12H, L–36G**
IAP

RWY 16–34: H5010X100 (ASPH–GRVD) S–30, D–50, 2D–85 MIRL 0.3% up N
RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 31′. Road.
RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 43′. Tree.

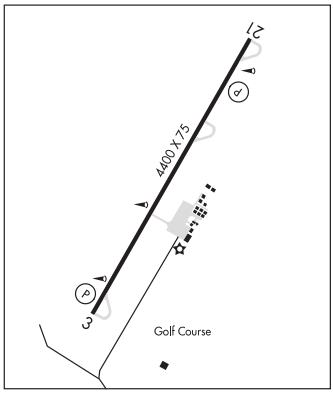


SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 16 & 34; MIRL Rwy 16–34—CTAF. PAPI Rwy 16 & 34 opr consly. Rwy 16 PAPI ususbl byd 7 deg left & right of cntrln. Rwy 34 PAPI unusbl byd 8 deg right of cntrln.
AIRPORT REMARKS: Attended 1400–2200Z‡. Deer on and invof arpt. TPA—1127(1000) lgt acft, 1627(1500) hvy acft.
AIRPORT MANAGER: 434-634-3696
WEATHER DATA SOURCES: AWOS–3 124.175 (434) 634–0656.
COMMUNICATIONS: CTAF/UNICOM 123.0
RICHMOND RCO 122.4 (LEESBURG RADIO)
Ⓡ **WASHINGTON CENTER APP/DEP CON** 132.025
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE RDU.
COFIELD (L) TACAN Chan 93 CVI (114.6) N36°22.37′ W76°52.29′ 312° 35.0 NM to fld. 65/9W.
TACAN AZIMUTH unusable:
120°–180° byd 25 NM
180°–120° byd 25 NM blo 3,000′
LOC/DME 108.75 I–EMV Chan 24(Y) Rwy 34. DME unusable byd 25° r of course.

FALWELL (See LYNCHBURG on page 360)

FARMVILLE RGNL (FVX)(KFVX) 4 NW UTC–5(–4DT) N37°21.45′ W78°26.27′ **WASHINGTON**
416 B NOTAM FILE FVX **L–36H**
IAP

RWY 03–21: H4400X75 (ASPH–GRVD) S–12.5 MIRL
RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 44′. Tree.
RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 45′. Tree.



SERVICE: S2 **FUEL** 100LL, JET A **LGT** REIL Rwy 03 and Rwy 21; MIRL Rwy 03–21; preset low intst, to incr intst ACTVT—CTAF.
AIRPORT REMARKS: Attended 1230–2200Z‡. Deer on and invof arpt. Poss unmanned aerial vehicle oper 5 NM from Farmville Arpt 3000 ft AGL and blw.
AIRPORT MANAGER: 434-392-5686
WEATHER DATA SOURCES: AWOS–3 132.725 (434) 392–9718.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROANOKE APP/DEP CON** 135.0
CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
FLAT ROCK (H) (H) VORTACW 113.3 FAK Chan 80 N37°31.71′ W77°49.69′ 257° 30.9 NM to fld. 460/6W.
TACAN 338 radial unusable
VOR unusable:
111°–168°
169°–204° blo 5,000′
274°–337° blo 4,000′
274°–337° byd 33 NM
COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540–563–1307.

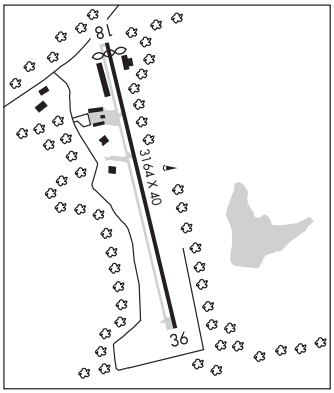
FELKER AAF (FAF)(KFAF) A UTC–5(–4DT) N37°07.96′ W76°36.54′ **WASHINGTON**
12 B TPA—See Remarks NOTAM FILE DCA Not insp. **L–34E, 35D, 36H**
RWY 14–32: H3025X75 (ASPH) PCN 23 F/C/W/T HIRL **DIAP**
RWY 14: ODALS. PAPI(P2L)—GA 3.0° TCH 48′. Rgt tfc.
RWY 32: PAPI(P2L)—GA 3.0° TCH 48′.
SERVICE: **MILITARY— LGT** ACTVT ODALS Rwy 14, PAPI Rwy 14 and Rwy 32; HIRL Rwy 14–32—CTAF. Rwy 32 VGSI unusbl byd 9 degrees right and 7 degrees left of ctrln **FUEL** A svc avbl 1200–2130Z‡ Mon–Fri exc hol.
MILITARY REMARKS: Base OPS Mon–Fri 1145–0400Z‡ exc hol, DSN 826–5828/2584, C757–878–5828/2584. **RSTD** PPR 24 hr notice all non KFAF based acft, ctc base ops. Acft entering from south–southeast maximum alt 500′ due to instrument apch into Newport News/Williamsburg Arpt. No hazardous cargo area avbl. After hrs ops rstd to DOD, State/Federal msn essential ops only. **CAUTION** Ctc Base Ops for current BASH conditions. Increased bird act 1 Oct to 30 Nov and 1 Feb to 31 Mar. Significant eagle activity invof 1 NM south AER 32, 1 NM E of arpt on Warwick River. No overflight tfc of main post. Perm moveable crane on watercraft base 3100′ west northwest of Rwy 14 apch end. No fly area 1.6 NM southeast Rwy 32 to include entire peninsula. **TFC PAT** TPA—Fixed wing 1000(989), rotary wing 500(489). **MISC** Wx fcst on duty 1000–0400Z‡ Mon–Fri exc hol,C757–878–5300, DSN 826–5300. Remote briefing avbl from Shaw AFB DSN 965–0588, (fax) DSN 965–1527. Use C877–297–4129 if DSN not avbl. Flight Services 1–800–WX–BRIEF. Wx obsn vis rstd to 1/2 SM from NW to NE, 1/4 to 3/4 SM all other quad. When twr and/or sfc visibility is blw 4 SM and differ by a reportable value, a twr vis rmk will be reported during supplemented wx obsn. FAA Leesburg FSS C800–992–7433. Heli–deck marking lctd north of and adjacent to the apch of Rwy 14. Frangible perimeter fence enclosing rwy environment exists within 500′ of rwy cntrln. Multiple bldgs. Penetrating 7:1 imaginary surface, northeast side of rwy. Parking lots/lgt poles/and multiple frangible objects within 500′ NE or rwy cntrln. Emerg dispatch monitors CTAF, 2300–0700Z‡. Emerg svcs mnt CTAF after hrs.
AIRPORT MANAGER: 757-878-2865
COMMUNICATIONS: CTAF 126.3
Ⓡ **NORFOLK APP/DEP CON** 125.7 335.625
TOWER 126.3 269.25 (1200–0400Z‡ Mon–Fri exc Federal hol) **GND CON** 121.35 229.4
PMSV METRO 134.1 (Monitored Mon–Fri 1000–2200Z‡ exc hol. Maximum range 30 NM) **BASE OPS** 38.7 134.1 142.2 255.7
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Norfolk Apch at c757-363-5864.
AIRSPACE: CLASS D svc 1200–0400Z‡ Mon–Fri exc fed hol; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HOPEWELL (VL) (H) VORTACW 114.35 HPW Chan 90(Y) N37°19.73′ W77°06.96′ 122° 27.0 NM to fld. 70/6W.
VOR unusable:
052°–060° byd 40 NM
100°–105° byd 40 NM
150°–160° byd 40 NM
205°–220° blo 4,500′
225°–242° byd 30 NM blo 6,000′
295°–305° byd 40 NM
330°–345° byd 40 NM

HELIPAD H1: H100X100 (ASPH) PERIMETER LGTS

FLAT ROCK N37°31.71′ W77°49.69′ NOTAM FILE DCA. **WASHINGTON**
(H) (H) VORTACW 113.3 FAK Chan 80 123° 16.2 NM to Richmond Exec/Chesterfield Co. 460/6W. **H–10H, L–36H**
TACAN 338 radial unusable
VOR unusable:
111°–168°
169°–204° blo 5,000′
274°–337° blo 4,000′
274°–337° byd 33 NM

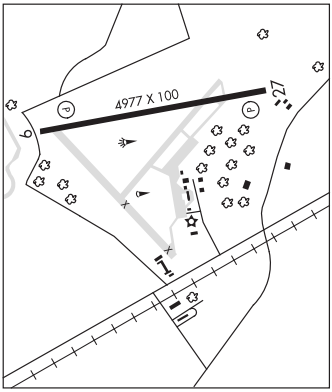
FOREST

NEW LONDON (W9Ø) 6 SW UTC–5(–4DT) N37°16.30′ W79°20.15′ **CINCINNATI**
842 NOTAM FILE DCA **L–26J**
RWY 18–36: H3164X40 (ASPH) 2.3% up N **IAP**
RWY 18: Thld dsplcd 115′. Road.
RWY 36: Trees.
AIRPORT REMARKS: Unattended. Ultralgt acft on and invof arpt. Rwy 18–36 CLOSED daily SS–SR. Stand, fence and tower in prim and/or trnsl sfcs with guardrail both sides of Rwy 36. Rwy pavement in poor condition. PCI 41–55. Rwy 18 nmrs are non std dimensions. Drag racing mkgs on rwy. No hold psn mkgs vsb. Thld bar and dsplcmnt non std. Rwy 36 nmrs are non std dimensions. Drag racing mkgs on rwy. No hold psn mkgs vsb. Rwy used as drag strip on certain Sundays summer months. NOTAMed when arpt closed.
AIRPORT MANAGER: 434-582-3028
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROANOKE APP/DEP CON** 135.0
CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
LYNCHBURG (L) (L) VORW/DME 109.2 LYH Chan 29 N37°15.27′ W79°14.18′ 287° 4.9 NM to fld. 871/5W.
VOR unusable:
020°–025°
200°–210°
301°–360°
COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540–563–1307.



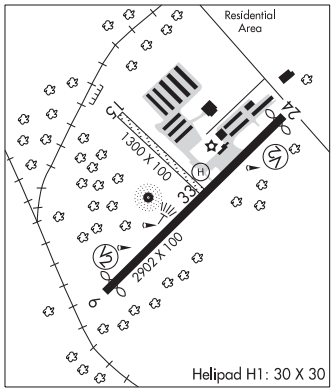
FORT LEE AHP HELIPORT (VA39) A 0 S UTC–5(–4DT) N37°15.28′ W77°19.63′ **WASHINGTON**
100 NOTAM FILE FAF Not insp. **L–36H**
HELIPAD H1: H40X40 (CONC) PERIMETER LGTS **DIAP**
MILITARY REMARKS: RSTD 24 HR PPR ctc DSN 539–1586 C804–734–1586. **CAUTION** Parachute jumping 2 NM NW. Small arms range 1 NM NW. Avoid overflight of asph compound 1 NM WNW. **MISC** Avoid ovft of national park and base hsg areas adj to Fort Lee Reservation. Make advisory of ldg and tkf on 126.2.
COMMUNICATIONS:
Ⓡ **POTOMAC APP/DEP CON** 126.75 307.2 **MEDIVAC** 32.5 (KENNER)
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HOPEWELL (VL) (H) VORTACW 114.35 HPW Chan 90(Y) N37°19.73′ W77°06.96′ 252° 11.0 NM to fld. 70/6W.
VOR unusable:
052°–060° byd 40 NM
100°–105° byd 40 NM
150°–160° byd 40 NM
205°–220° blo 4,500′
225°–242° byd 30 NM blo 6,000′
295°–305° byd 40 NM
330°–345° byd 40 NM

FRANKLIN RGNL (FKN)(KFKN) 2 NE UTC–5(–4DT) N36°42.02´ W76°54.13´ **WASHINGTON**
40 B TPA—See Remarks NOTAM FILE FKN **L–35C, 36H**
RWY 09–27: H4977X100 (ASPH–GRVD) MIRL **IAP**
RWY 09: PAPI(P2L)—GA 3.0° TCH 40´. Tree.
RWY 27: PAPI(P2L)—GA 3.0° TCH 40´. Tree.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MIRL Rwy 09–27—CTAF. Rwy 27 PAPI unusable byd 1 NM fm thr.
AIRPORT REMARKS: Attended 1300–2200Z‡. Deer on and invof arpt. Possible tfc from the Southampton Memorial Helipad 2 NM west of arpt. TPA—840(800) lgt acft, 1540(1500) hvy acft. Drainage ditches next to rwy & twys. Arpt FBO clsd Sat and Sun.
AIRPORT MANAGER: 757-562-8764
WEATHER DATA SOURCES: AWOS–3PT 124.675 (757) 562–8765.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NORFOLK APP/DEP CON** 127.9
CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HOPEWELL (VL) (H) VORTACW 114.35 HPW Chan 90(Y)
N37°19.73´ W77°06.96´ 171° 39.0 NM to fld. 70/6W.
VOR unusable:
052°–060° byd 40 NM
100°–105° byd 40 NM
150°–160° byd 40 NM
205°–220° blo 4,500´
225°–242° byd 30 NM blo 6,000´
295°–305° byd 40 NM
330°–345° byd 40 NM



FREDERICKSBURG

SHANNON (EZF)(KEZF) 2 S UTC–5(–4DT) N38°16.01´ W77°26.95´ **WASHINGTON**
85 B NOTAM FILE EZF **L–29E, 34E, 36I, A**
RWY 06–24: H2902X100 (ASPH) MIRL **IAP**
RWY 06: PVASI(PSIL). Thld dsplcd 132´. Railroad.
RWY 24: PVASI(PSIL). Thld dsplcd 80´. Tree.
RWY 15–33: 1300X100 (TURF)
RWY 15: Brush.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT MIRL Rwy 06–24—CTAF. Rwy 06 PVASI OTS indefly.
AIRPORT REMARKS: Attended 1300–2200Z‡. Unattended New Year´s, Easter, Independence, Thanksgiving and Christmas Days. Rwy 33 CLOSED daily SS–SR. 24 hr self–svc avbl, fuel truck avbl during opr hrs. Rwy 15 clsd to ldng. Rwy 15 apch N/A, Rwy 33 clsd for tkof. Rwy 15–33 outlined with yellow cones. First 89 ft pavement Rwy 06 marked as unusbl. Apchs to Rwy 06–24 will be made sufly high to cross Rt. 2 (Rwy 24) for the railroad tracks (Rwy 06) at or abv 135´ MSL (50´ AGL). Tran acft park on ramp NE side of trml. Req R/W acft not taxi next to trml.
AIRPORT MANAGER: 540-373-4431
WEATHER DATA SOURCES: AWOS–3 128.125 (540) 372–6794.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **QUANTICO APP/DEP CON** 127.05 (Mon and Fri 1300–2200Z‡, Tue, Wed and Thu 1300–0200Z‡ exc Sat, Sun and holidays)
other times ctc
Ⓡ **POTOMAC APP/DEP CON** 128.525 (When NYG twr clsd)
CLEARANCE DELIVERY PHONE: Clearance delivery phone: GCO avbl on freq 135.075; Quantico CD during op hrs - 6 clicks, Potomac CD all otr times - 4 clicks. If una, for CD ctc Quantico CD during op hours at 703-784-5990, Potomac Apch all otr times at 866-709-4993.



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RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BROOKE (L) (L) VORTACW 114.5 BRV Chan 92 N38°20.18′ W77°21.17′ 237° 6.2 NM to fld. 145/9W.

VOR unusable:
001°–360°

TACAN AZIMUTH unusable:
011°–060° byd 20 NM
061°–120°
121°–161° byd 17 NM
162°–238°
239°–249° byd 5 NM
250°–010°

NDB (MHW) 237 EZF N38°15.98′ W77°27.03′ at fld. 83/10W. NOTAM FILE EZF. NDB unmonitored when arpt unatndd.

NDB unusable:
Byd 15 NM

• • • • • • • • • • • • • • • • • • •

HELIPAD H1: H30X30 (CONC)

FRONT ROYAL–WARREN CO (FRR)(KFRR) 3 W UTC–5(–4DT) N38°55.05′ W78°15.20′

WASHINGTON
L–29D, A
IAP

704 B NOTAM FILE DCA

RWY 10–28: H3008X75 (ASPH) S–12.5 MIRL 0.4% up E

RWY 10: APAP(PNIR)—GA 3.0° TCH 16′. Road.

RWY 28: APAP(PNIL)—GA 3.0° TCH 16′. Pole.

SERVICE: S2 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 10–28—CTAF.

NOISE: Noise abatement procs in efct, ctc arpt mgr for dtls at 540–635–3570.

AIRPORT REMARKS: Attended 1300–0000Z‡. Deer and geese on and invof arpt. Gldr ops on and invof arpt. Prcht ops on and invof arpt. Rwy 10 and Rwy 28 right tfc for gyrocopters, ultralights and gliders.

AIRPORT MANAGER: 540-635-3570

WEATHER DATA SOURCES: AWOS–3 121.85 (540) 635–5377.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **POTOMAC APP/DEP CON** 120.45

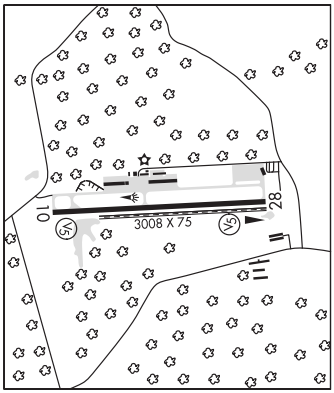
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LINDEN (L) (L) VORTACW 114.3 LDN Chan 90 N38°51.26′ W78°12.33′ 335° 4.4 NM to fld. 2435/6W.

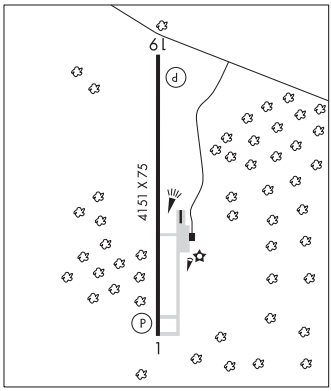
DME portion unusable:
115°–150° byd 20 NM blo 3,500′
150°–155° byd 20 NM blo 4,000′
155°–175° byd 20 NM blo 4,500′
175°–200° byd 20 NM blo 5,000′
200°–225° byd 20 NM blo 5,500′

TACAN AZIMUTH unusable:
115°–225° byd 20 NM



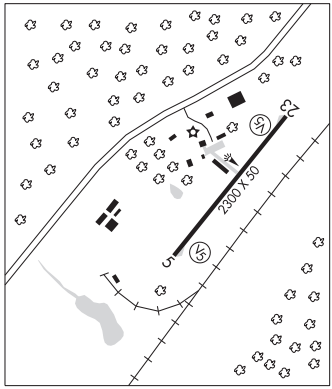
GALAX HILLSVILLE

TWIN CO (HLX)(KHLX) 7 NE UTC–5(–4DT) N36°45.96′ W80°49.41′ **CINCINNATI**
2694 B NOTAM FILE HLX **L–26I**
RWY 01–19: H4151X75 (ASPH) S–12.5 MIRL 1.2% up S **IAP**
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 21′. Trees.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 36′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT MIRL Rwy 01–19—CTAF. REILS Rwy 01 and 19; PAPI Rwy 01 and 19 ops consly.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. Unatndd New Year′s Day, Easter, Thanksgiving and Christmas. Wkend attendance: coordinate drg rglr weekly bus hrs. Self–svc fuel avbl 24 hrs with credit card. Deer on and invof arpt. Aft hrs trml access avbl S side of bldg. Rwy mrkg conds vary btwn good and fair. Rwy displacement mrkg incorrect. Rwy 01 10–20 ft hill lctd 150 ft W of Rwy 01 beginning N of thld.
AIRPORT MANAGER: 276-728-4504
WEATHER DATA SOURCES: AWOS–3 118.375 (276) 728–5897.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROANOKE APP/DEP CON** 126.0
CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.
RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.
PULASKI (H) (H) VORTACW 116.8 PSK Chan 115 N37°05.26′ W80°42.77′ 201° 20.0 NM to fld. 2127/6W.
DME unusable:
034°–038° byd 25 NM
135°–175° byd 25 NM blo 10,000′
200°–225° byd 10 NM
250°–350° byd 25 NM blo 10,000′
284°–286° byd 10 NM blo 10,000′
287°–316° byd 25 NM blo 10,000′
315°–335° byd 10 NM blo 10,000′
334°–033° byd 25 NM blo 10,000′
TACAN AZIMUTH unusable:
034°–038° byd 25 NM
053°–100°
135°–175° byd 25 NM blo 10,000′
200°–225° byd 10 NM
234°–283°
284°–286° byd 10 NM blo 10,000′
287°–316° byd 25 NM blo 10,000′
315°–335° byd 10 NM blo 10,000′
334°–033° byd 25 NM blo 10,000′
COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540–563–1307.



GLADE SPRING N36°49.51′ W82°04.74′ NOTAM FILE DCA. **CINCINNATI**
(L) (L) VORW/DME 115.55 GZG Chan 102(Y) 045° 19.7 NM to Tazewell Co. 4200/2W. **H–9B, 12G, L–26H**
VOR unusable:
010°–095°
115°–120° byd 20 NM blo 10,000′
351°–004° byd 15 NM blo 8,000′

GORDONSVILLE MUNI (GVE)(KGVE) 2 NE UTC–5(–4DT) N38°09.36′ W78°09.95′ **WASHINGTON**
452 B NOTAM FILE DCA **L–34E, 36H**
RWY 05–23: H2300X50 (ASPH) S–12.5 MIRL **IAP**
RWY 05: APAP(PNIR). Tree.
RWY 23: APAP(PNIR). Tree.
SERVICE: **LGT** ACTVT MIRL Rwy 05–23—CTAF.
AIRPORT REMARKS: Unattended. After hrs ctc 907–545–4555.
AIRPORT MANAGER: (540) 832-2233
WEATHER DATA SOURCES: AWOS–3 120.225 (540) 832–2095.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **POTOMAC APP/DEP CON** 132.85
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
(VH) (H) VORTACW 115.6 GVE Chan 103 N38°00.82′ W78°09.18′ 002° 8.6 NM to fld. 383/6W.
TACAN AZIMUTH unusable:
250°–260° byd 25 NM blo 7,000′
VOR unusable:
005°–050° byd 40 NM
180°–207° byd 40 NM
208°–218° byd 40 NM blo 3,000′
208°–218° byd 50 NM
219°–225° byd 40 NM
260°–301° byd 40 NM
302°–312° byd 40 NM blo 9,000′
302°–312° byd 65 NM
313°–331° byd 40 NM
332°–342° byd 40 NM blo 6,100′
332°–342° byd 46 NM
343°–360° byd 40 NM



GORDONSVILLE N38°00.82′ W78°09.18′ NOTAM FILE DCA. **WASHINGTON**
(VH) (H) VORTACW 115.6 GVE Chan 103 002° 8.6 NM to Gordonsville Muni. 383/6W. **H–10H, 12H, L–34E, 36H**
TACAN AZIMUTH unusable:
250°–260° byd 25 NM blo 7,000′
VOR unusable:
005°–050° byd 40 NM
180°–207° byd 40 NM
208°–218° byd 40 NM blo 3,000′
208°–218° byd 50 NM
219°–225° byd 40 NM
260°–301° byd 40 NM
302°–312° byd 40 NM blo 9,000′
302°–312° byd 65 NM
313°–331° byd 40 NM
332°–342° byd 40 NM blo 6,100′
332°–342° byd 46 NM
343°–360° byd 40 NM

HAMPTON ROADS EXEC (See NORFOLK on page 367)

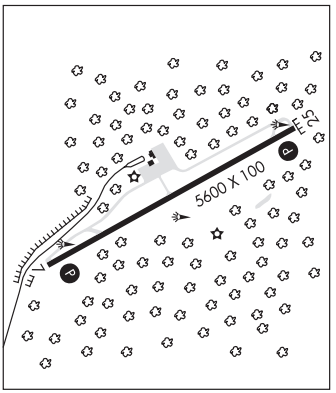
HANOVER CO MUNI (See RICHMOND/ASHLAND on page 377)

HARCUM N37°26.92′ W76°42.68′ NOTAM FILE DCA. **WASHINGTON**
(L) (L) VORTACW 108.8 HCM Chan 25 338° 5.0 NM to Middle Peninsula Rgnl. 8/7W. **H–10H, 12H, L–34E, 36H**
VOR unusable:
056°–095° blo 2,000′
096°–112° byd 20 NM
174°
275°–300° blo 2,000′

HOPEWELL N37°19.73′ W77°06.96′ NOTAM FILE DCA. WASHINGTON
H–10H, 12H, L–34E, 36H
(VL) (H) VORTACW 114.35 HPW Chan 90(Y) 003° 10.5 NM to New Kent Co. 70/6W.
VOR unusable:
052°–060° byd 40 NM
100°–105° byd 40 NM
150°–160° byd 40 NM
205°–220° blo 4,500′
225°–242° byd 30 NM blo 6,000′
295°–305° byd 40 NM
330°–345° byd 40 NM

HOT SPRINGS

INGALLS FLD (HSP)(KHSP) 3 S UTC–5(–4DT) N37°57.09′ W79°50.03′ CINCINNATI
3792 B NOTAM FILE HSP H–10H, 12H, L–26I
RWY 07–25: H5600X100 (ASPH–GRVD) S–65, D–160, 2S–175 IAP
HIRL 0.5% up SW
RWY 07: PAPI(P4R)—GA 3.0° TCH 45′. Trees.
RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 56′.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 25, PAPI Rwys 07 and 25, HIRL Rwy 07–25 and twy lgts—CTAF.
AIRPORT REMARKS: Attended 1400–2200Z‡. Wildlife, including bear on and invof arpt. Be advised low pass to check/clear wildlife when arpt unattended. ARNG call out svc during business hrs. Fee for call out svc. Ldg fee (Multi–engine acft) waived with fuel purchase.
AIRPORT MANAGER: 540-839-5326
WEATHER DATA SOURCES: AWOS–3 118.8 (540) 839–5974.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **WASHINGTON CENTER APP/DEP CON** 134.4
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
AIRSPACE: CLASS E svc 1500–2300Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
MONTEBELLO (VL) (L) VORW/DME 115.3 MOL Chan 100
N37°54.03′ W79°06.41′ 280° 34.6 NM to fld. 3455/5W.
DME unusable:
158°–168° byd 30 NM blo 6,000′
ILS 108.7 I–HSP Rwy 25. Class IT. Unmonitored when FBO clsd.



HUMMEL FLD (See SALUDA on page 378)

INGALLS FLD (See HOT SPRINGS on page 354)

JONESVILLE

LEE CO (ØVG) 5 SW UTC–5(–4DT) N36°39.25′ W83°13.07′ CINCINNATI
1411 B NOTAM FILE DCA H–9B, 12G, L–25B
RWY 07–25: H5003X75 (ASPH) S–30 MIRL 0.9% up NE IAP
RWY 07: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree.
RWY 25: REIL. PAPI(P4R)—GA 3.25° TCH 44′. Tree.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 07 and Rwy 25, PAPI Rwy 07 and Rwy 25, MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 276-346-7714
WEATHER DATA SOURCES: AWOS–3 120.125 (276) 346–3333.
COMMUNICATIONS: CTAF 122.9
Ⓡ **ATLANTA CENTER APP/DEP CON** 127.55
CLEARANCE DELIVERY PHONE: For CD ctc Atlanta ARTCC at 770-210-7692.
RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.
HAZARD (L) DME 111.2 AZQ Chan 49 N37°23.48′ W83°15.78′ 177° 44.2 NM to fld. 1243.
monitored by AOCC 24 hrs
DME unusable:
012°–040° byd 30 NM blo 4,000′
260°–305°
350°–012° byd 30 NM blo 4,500′

KENBRIDGE

LUNENBURG CO (W31) 3 W UTC–5(–4DT) N36°57.62′ W78°11.11′ **WASHINGTON L–36G IAP**

526 B NOTAM FILE DCA

RWY 02–20: H3000X50 (ASPH) S–12.5 LIRL 0.4% up N

RWY 02: APAP(PNIL)—GA 5.0° TCH 26′. Tree.

RWY 20: APAP(PNIL)—GA 5.0° TCH 26′. Tree.

SERVICE: **FUEL** 100LL

AIRPORT REMARKS: Unattended. Fuel avbl dalgt hrs, ctc amgr. Deer on and invof arpt.

AIRPORT MANAGER: 434-262-3750

WEATHER DATA SOURCES: AWOS–3 123.875 (434) 676–1078.

COMMUNICATIONS: CTAF/UNICOM 122.7

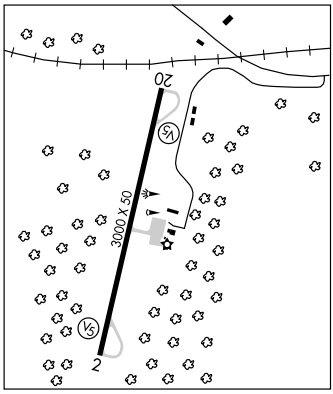
Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) DME 112.9 LVL Chan 76 N36°49.08′ W77°54.18′ 302° 16.0 NM to fld. 350.

DME unusable:
Blw 3,000′



LAKE ANNA (See BUMPASS on page 340)

LAKE COUNTRY RGNL (See CLARKSVILLE on page 342)

LANGLEY AFB (LFI)(KLFI) AF (NASA A) 3 N UTC–5(–4DT) N37°04.97´ W76°21.63´ **WASHINGTON**
8 B NOTAM FILE LFI Not insp. **H–10I, 12I, L–35D**
RWY 08–26: H10002X150 (CONC–GRVD) PCN 57 R/B/W/T HIRL **IAP, DIAP, AD**
RWY 08: ALSF1. PAPI(P4L)—GA 2.8° TCH 53´.
RWY 26: ALSF1. PAPI(P4L)—GA 2.8° TCH 58´.
ARRESTING GEAR/SYSTEM
RWY 08 BAK–15(NI) (60 FT OVRN) HOOK BAK–12B(B) (1100 FT).
HOOK BAK–12B(B) (1002 FT) BAK–15(NI) (44 FT OVRN). **RWY 26**
SERVICE: S4 **OX** 2 **MILITARY— LGT** Rwy 08–26 thr lgt gated, mid 70 ft inop/removed. **A–GEAR** BAK–15 cable always in place on Rwy 26 ovrn and net raised at pilots req. BAK–12B(B) pendant cable always in place. BAK–12B extn. A–G O/S for maint: east BAK–12 Tue 1030–1130Z‡, west BAK–12 Wed 1030–1130Z‡. **JASU** 2(M32A–60) 2(MC–11) 4(A/M 32A–86) **FUEL** A++ (Mil). Exp up to 30 min delay. **OIL** O–133–148–156 SOAP **TRAN ALERT** Opr 1130–0430Z‡ wkd, clsd wkend, hol and ACC down days. Exp progressive taxi to park. Flw Me svc avbl O/R.
NOISE: Quiet hr wkdays 0330–1100Z‡, wkends and hol 0330–1300Z‡, waivers ctc command post DSN 574–5411.
MILITARY REMARKS: Opr 1100–0300Z‡ Mon–Fri, open weekends, open weekends to support reg sked drill (RSD)/guard weekend once a month; clsd federal hol and ACC down days unless ops apv by 1 FW/CC. Ctc comd post (CP) DSN 574–5411 or C757–764–5411 outside of opr hr. **ARFF Index:** ARFF is CAT 8 with 8100 gallon of capability. Steady ARFF cond for Langley AFB is optimum level of svc (OLS) for CAT 1–10. **RSTD** PPR ctc BASE OPS 1030–0430Z‡ DSN 574–2504, C757–764–2504. PPR valid +/– 1 hr of approval time during afld operating hours. If outside of approval time slot ctc BASE OPS to update PPR. Only 1 fixed wing acft authorized from 1300–1400Z‡. Transport/DV acft ctc Base Ops 20 min prior ldg. ACC RSRS applied to ACC acft only. Transport/DV acft ctc base ops 20 min prior ldg. V/STOL Aircraft, vertical tkof, vertical low apch, and vertical ldg are prohibited at the afld. **CAUTION** BASH Phase I in eff 16 Nov–14 Feb and 01 Apr–14 Sep. BASH Phase II in eff 15 Feb–31 Mar and Sep–15 Nov. Ctc Base Ops for current BASH cond. Inst IFR and VFR hi performance ftr tfc within the Class D Airspace: extv unctl general avn tfc blw 3000 ft over James River and Chesapeake Bay. Dep tfc do not exceed 1000 ft on climbout til dep end of rwy. Laser lgt beam haz to direct visual obsn will be conducted at NASA Langley Research Center within 1/2 NM radius of 37° 06.3´N 76° 22.7´W. Strong caution is advised. Use extreme caution for UAS ops at NASA Langley research center from sfc 400´ within 1/2 NM RAD of 370607.51N/762313.88W. Laser beam may be injurious to pilots/pax eyes within all alt of lgt source. Check NOTAM for date/time/duration/affected alt. Wx obsn site lctd 080°–250° due to bldg. ATC will relay twr prevailing vis, sector vis, lcl pireps or an occurrence of prev unreported wx cond that could affect ops to wx flt. Wind shear cond may exist on Rwy 26 thru short final and td, that are prevalent, undetectable and often unrpt. Increased potential for hydroplaning due to excessive rubber build–up. ALS non–frangible. Afld grass cutting conducted fr Mar–Nov, exp increased bird act in vcnty of mowers. **TFC PAT** Overhead 3000 ft at 5 DME descending to 1500 ft by 3 DME, rgt break Rwy 26, left break Rwy 08. Rectangular 1000 ft rgt tfc Rwy 26, left tfc Rwy 08. **MISC** Afld ops DSN 574–2504, C757–764–2504. Afld mgr DSN 574–2508. DD Form 1801 rqr 90 min prior to etd. Rwy 08–26 grooved. ACC ftr acft exp reduced rwy separation: day/VFR, similar acft 3000 ft, dissimilar type acft 6000 ft. Ngt 6000 ft all acft. Tran acft notify twr on initial ctc if reduced rwy separation is not desired. Afld ops does not have COMSEC or facility to store for tran crews; tran crews should plan to arr with appropriate amount of COMSEC to complete msn. COMSEC can be stored at 1FW Comd Post; DSN 574–5411 C757–764–2504. Towing capabilities limited to universal towbar only. **A** Park, refuel and maintenance avbl on AF ramp. **NASA** Acft intending to operate from NASA ramp shall contact NASA Flight Operations at larc–dl–fltops@mail.nasa.gov to arrange for approval and support prior to arrival. Additionally obtain PPR from 1 OSS/OSA at C757–764–2504 for landing at KLFI. Svc not avbl for non–NASA acft. No organic support for large transport category aircraft (power, fuel, lav, steps). However USAF elements may be able to provide support with sufficient advance notice. Taxiway Juliet increased FOD hazard and reduced PCN due to degrading pavement conditions. Acft with ACN greater than 24 or wingspan greater than 80 ft use Taxiway H. Taxiway J limited for night and IFR conditions due to lack of taxiway edge lighting system. Control of perimeter road street lights to stop vehicular traffic is three clicks on 123.375 for Taxiway J and five clicks for Taxiway H. Only NASA BE200, T38, OV10 and T34 can opr on Twy J. Twy J is restricted to acft with total wingspan of 80 ft or less and 100,000 lbs or less gross weight. Weight bearing waivers ctc afld mgr DSN 574–2508.
AIRPORT MANAGER: 757-764-2508
COMMUNICATIONS: SFA ATIS 270.1 **PTD** 142.3 376.2
Ⓡ **NORFOLK APP/DEP CON** 134.875 (010°–179°) 127.9 269.425 (180°–310°) 124.9 370.925 125.7 (311°–009°) 335.625 370.925
TOWER 125.0 253.5 (Opr 1100–0300Z‡ Mon–Fri; 1300–2100Z‡ wk end to support reg sked drill (RSD) guard wk end once a month; clsd federal hol and ACC down days unless ops apv by 1 FWCC)
GND CON 121.7 275.8 **CLNC DEL** 118.85 257.625
COMD POST (Raymond 16) 251.25 (Have quick timing avbl 287.45)
PMSV METRO 239.8 (Alternate PMSV is McGuire AFB on 239.8 wx svc avbl H24 at DSN 574–5908/5907, C757–764–5908/5907. AN/FMQ–19 automated observing sys in use; augmented by human obsn when nec. Dur wx flt closure or evac, remote briefing svc avbl from 15 OP WX SQ (Scott AFB) DSN 576–9755 or 576–9701 thru 9704, C618–256–9755 or 618–256–9701 thru 9704.)
NASA OPS 123.375 310.4 Unmto. C757–864–3887.

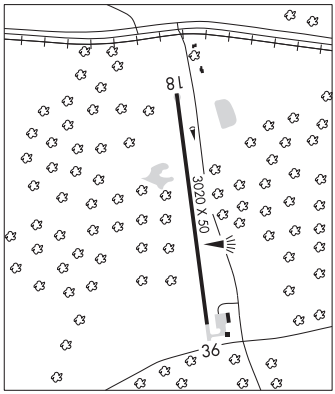
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AIRSPACE: CLASS D svc during twr hrs; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE LFI.
(L) TACAN Chan 70 LFI (112.3) N37º05.13´ W76º21.56´ at fld. 8/10W.
TACAN AZIMUTH unusable:
252º–278º byd 20 NM
278º–342º
357º–033º byd 20 NM
DME unusable:
103º–165º byd 30 NM
252º–278º byd 20 NM
278º–342º
357º–033º byd 20 NM
ILS 109.9 I–LFI Rwy 08. Class IT. No NOTAM MPs unsked; for sys downtimes coord thru 1 OSS/OSA. Glideslope autocoupled apch NA blw 200´.
ILS 109.9 I–ABM Rwy 26. Class IB. No NOTAM MPs unsked; for sys downtimes coord thru 1 OSS/OSA.

LAWRENCEVILLE

BRUNSWICK CO (LVL)(KLVL) 3 E UTC–5(–4DT) N36º46.48´ W77º47.63´ **WASHINGTON**
329 NOTAM FILE DCA **L–36G**
RWY 18–36: H3020X50 (ASPH) S–12.5 0.6% up N **IAP**
RWY 18: Pole.
RWY 36: Road.
AIRPORT REMARKS: Unattended. Arpt clsd SS–SR indefly. Deer on and invof arpt.
AIRPORT MANAGER: 434-848-2767
WEATHER DATA SOURCES: AWOS–3 119.625 (434) 848–2017.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**WASHINGTON CENTER APP/DEP CON** 118.75
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LAWRENCEVILLE (L) DME 112.9 LVL Chan 76 N36º49.08´ W77º54.18´ 116º 5.9 NM to fld. 350.
DME unusable:
Blw 3,000´



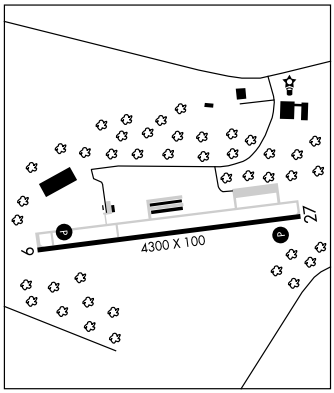
LEE CO (See JONESVILLE on page 354)

LEESBURG EXEC (JYO)(KJYO) 3 S UTC–5(–4DT) N39°04.68′ W77°33.45′ **WASHINGTON COPTER**
390 B TPA—1200(810) LRA NOTAM FILE JYO **H–10H, 12I, L–29E, 34F, A**
RWY 17–35: H5500X100 (ASPH–GRVD) S–30, D–70 PCN 63 F/A/W/U HIRL **IAP, AD**
RWY 17: ODALS. REIL. PAPI(P4L)—GA 3.0° TCH 45′. Tree.
RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 37′. Pole.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** When ATCT clsd ACTVT ODALS Rwy 17; REIL Rwy 17 and 35; PAPI Rwy 17 and 35; PAPI Rwy 17 and 35; HIRL Rwy 17–35—CTAF. Rwy 17 nstd ODALS, 3 lgt configuration.
AIRPORT REMARKS: Attended 1100–0200Z‡. Birds and deer on and invof arpt. Hel act on and invof arpt. Calm wind use Rwy 17. Ramp fence southwest side ramps lead–in lines on west ramp not avbl. Psbl thermal plumes fm pwr plant 1.3 NM SSE. U.S. cust avbl Mon–Sun 1100–0200Z‡. Call command cntr 703–661–2800 for apntmt. 24 hr notice rqrd.
AIRPORT MANAGER: 703-737-7125
WEATHER DATA SOURCES: AWOS–3PT 125.225 (703) 777–3781.
COMMUNICATIONS: CTAF 127.5 **UNICOM** 122.975
Ⓡ **POTOMAC APP/DEP CON** 125.05
LEESBURG TOWER TOWER 127.5 (1300–2300Z‡) **GND CON** 120.5 **CLNC DEL** 120.5 118.55
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Potomac Apch 118.55 or 866-709-4993.
RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.
ARMEL (L) (L) VORW/DME 113.5 AML Chan 82 N38°56.08′ W77°28.00′ 342° 9.6 NM to fld. 296/8W.
VOR unusable:
055°–092° blo 4,500′
093°–115°
116°–210° blo 4,500′
DME unusable:
055°–210° byd 28 NM blo 2,500′
211°–230° byd 30 NM blo 3,000′
ILS/DME 111.75 I–JYO Chan 54(Y) Rwy 17. Class IE.

LINDEN N38°51.26′ W78°12.33′ NOTAM FILE DCA. **WASHINGTON COPTER**
(L) (L) VORTACW 114.3 LDN Chan 90 335° 4.4 NM to Front Royal–Warren Co. 2435/6W. **H–10H, 12H, L–29D, 34E, A**
DME portion unusable:
115°–150° byd 20 NM blo 3,500′
150°–155° byd 20 NM blo 4,000′
155°–175° byd 20 NM blo 4,500′
175°–200° byd 20 NM blo 5,000′
200°–225° byd 20 NM blo 5,500′
TACAN AZIMUTH unusable:
115°–225° byd 20 NM

LONESOME PINE (See WISE on page 387)

LOUISA CO/FREEMAN FLD (LKU)(KLKU) 2 SE UTC–5(–4DT) N38°00.59′ W77°58.21′ **WASHINGTON**
494 B NOTAM FILE LKU **L–34E, 36H**
RWY 09–27: H4300X100 (ASPH) S–12.5 MIRL 0.6% up E **IAP**
RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees. Rgt tfc.
RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 40′.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 09 and Rwy 27; PAPI Rwy 09 and Rwy 27; MIRL Rwy 09–27—CTAF.
AIRPORT REMARKS: Attended Mon–Sat 1330–2200Z‡, Sun 1500–2200Z‡. Deer and birds on invof arpt.
AIRPORT MANAGER: 540-967-0050
WEATHER DATA SOURCES: AWOS–3 119.475 (540) 967–1983.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **POTOMAC APP/DEP CON** 132.85 120.525
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 540-349-9697
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GORDONSVILLE (VH) (H) VORTACW 115.6 GVE Chan 103
N38°00.82′ W78°09.18′ 097° 8.7 NM to fld. 383/6W.
TACAN AZIMUTH unusable:
250°–260° byd 25 NM blo 7,000′
VOR unusable:
005°–050° byd 40 NM
180°–207° byd 40 NM
208°–218° byd 40 NM blo 3,000′
208°–218° byd 50 NM
219°–225° byd 40 NM
260°–301° byd 40 NM
302°–312° byd 40 NM blo 9,000′
302°–312° byd 65 NM
313°–331° byd 40 NM
332°–342° byd 40 NM blo 6,100′
332°–342° byd 46 NM
343°–360° byd 40 NM
LOC/DME 108.55 I–LKU Chan 22(Y) Rwy 27.



LUNENBURG CO (See KENBRIDGE on page 355)

LURAY CAVERNS (LUA)(KLUA) 2 W UTC–5(–4DT) N38°40.00′ W78°30.05′ **WASHINGTON**
902 B NOTAM FILE DCA **L–29D**
RWY 04–22: H3126X75 (ASPH) S–12 MIRL **IAP**
RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 30′. Tree.
RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 36′. Road. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 04–22; MIRL Rwy 04–22—CTAF.
AIRPORT REMARKS: Attended 1300–2300Z‡. Deer and birds on and invof arpt. Rwy 04–22 mrkgs cvrd with algae.
AIRPORT MANAGER: 540-743-6070
WEATHER DATA SOURCES: AWOS–3 118.275 (540) 743–1148.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.2
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LINDEN (L) (L) VORTACW 114.3 LDN Chan 90 N38°51.26′ W78°12.33′ 237° 17.8 NM to fld. 2435/6W.
DME portion unusable:
115°–150° byd 20 NM blo 3,500′
150°–155° byd 20 NM blo 4,000′
155°–175° byd 20 NM blo 4,500′
175°–200° byd 20 NM blo 5,000′
200°–225° byd 20 NM blo 5,500′
TACAN AZIMUTH unusable:
115°–225° byd 20 NM
CAVERNS NDB (MHW) 245 LUA N38°41.96′ W78°28.34′ 223° 2.4 NM to fld. 834/9W. NDB unmonitored when arpt unatndd.
NDB unusable:
050°–208° byd 10 NM
209°–049° byd 15 NM

LYNCHBURG

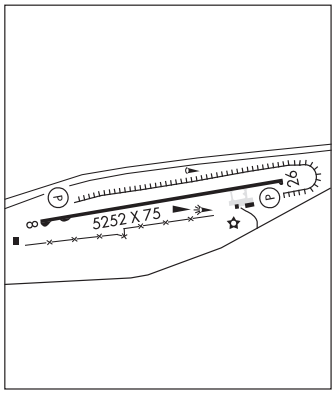
FALWELL (W24) 3 SE UTC–5(–4DT) N37°22.68′ W79°07.33′ **CINCINNATI**
939 TPA—1739(800) NOTAM FILE DCA **L–26J, 36G**
RWY 10–28: H2932X50 (ASPH) MIRL 4.7% up W **IAP**
RWY 10: Tree.
RWY 28: TRCV(TRIL). Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT TRIL Rwy 28 CTAF.
AIRPORT REMARKS: Attended 1200–2300Z‡, Apr–Oct 1200–0000Z‡. Deer on and invof arpt. Land Rwy 28 (west) tkf Rwy 10 (east). Rwy 28 closed for take–off; Rwy 10 closed for landing.
AIRPORT MANAGER: 434-845-8769
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **ROANOKE APP/DEP CON** 125.475 135.0
CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
LYNCHBURG (L) (L) VORW/DME 109.2 LYH Chan 29 N37°15.27′ W79°14.18′ 041° 9.2 NM to fld. 871/5W.
VOR unusable:
020°–025°
200°–210°
301°–360°
COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540–563–1307.

LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)(KLYH) 5 SW UTC–5(–4DT) N37°19.52′ **CINCINNATI**
W79°12.07′ **H–10H, 12H, L–26J, 36G**
938 B ARFF Index—See Remarks NOTAM FILE LYH **IAP, AD**
RWY 04–22: H7100X150 (ASPH–GRVD) S–90, D–108, 2D–170 PCR 500 F/D/X/T HIRL 0.6% up NE
RWY 04: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. RVR–T
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45′. RVR–R
RWY 17–35: H3386X75 (ASPH) S–25, D–35, 2D–55 MIRL No Part 121/Part 380 Ops
RWY 17: REIL. PAPI(P2L)—GA 4.0° TCH 16′.
RWY 35: REIL. PAPI(P2L)—GA 4.0° TCH 17′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–7100 TODA–7100 ASDA–6800 LDA–6800
RWY 17: TORA–3386 TODA–3386 ASDA–3386 LDA–3386
RWY 22: TORA–7100 TODA–7100 ASDA–7100 LDA–7100
RWY 35: TORA–3386 TODA–3386 ASDA–3386 LDA–3386
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** When twr clsd ACTVT MALSR Rwy 04, HIRL Rwy 04–22 and twy lgts—CTAF. REIL Rwy 17–35; PAPI Rwy 17–35; MIRL Rwy 17–35 unavbl when ATCT clsd. Rwy 04–22 PAPI lighted 24 hrs.
AIRPORT REMARKS: Attended 1000–0459Z‡. Birds and other wildlife on and invof arpt. All sfcs work in progress mowing/maintenance. Extensive flight training on and invof arpt. Class I, ARFF Index B. Twy G uncontrolled not visible from ATCT. Twy G clsd to air carrier and acft over 12,500 lbs. Rwy 17–35 PPR for acft over 12,500 lbs. Rwy 17–35 300 ft overrun each end.
AIRPORT MANAGER: 434-455-6090
WEATHER DATA SOURCES: ASOS (434) 205–0756 LAWRS.
COMMUNICATIONS: CTAF 127.65 **ATIS** 119.8 **UNICOM** 122.95
Ⓡ **ROANOKE APP/DEP CON** 125.475 135.0
TOWER 127.65 (1130–0330Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Roanoke Apch at 540-563-1307.
AIRSPACE: CLASS D svc 1130–0330Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
BOJAR NDB (MHW/LOM) 385 LY N37°15.75′ W79°14.59′ 036° 4.3 NM to fld. 804/8W. NDB unmonitored when ATCT closed.
(L) (L) VORW/DME 109.2 LYH Chan 29 N37°15.27′ W79°14.18′ 027° 4.6 NM to fld. 871/5W.
VOR unusable:
020°–025°
200°–210°
301°–360°
ILS 110.1 I–LYH Rwy 04. Class IE. LOM BOJAR NDB. ILS mon 24 hr at AOCC.

MARION/WYTHEVILLE

MOUNTAIN EMPIRE (MKJ)(KMKJ) 9 NE UTC–5(–4DT) N36°53.69′ W81°21.00′ **CINCINNATI**
2558 B NOTAM FILE MKJ **H–9B, 12H, L–26I**
IAP

RWY 08–26: H5252X75 (ASPH) S–20 MIRL 1.1% up W
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 26: REIL. PAPI(P2L)—GA 3.75° TCH 47′. Tree.



SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** MIRL Rwy 08–26 preset low intst; ACTVT higher intst—CTAF.

AIRPORT REMARKS: Attended Mon–Sat 1300–2300Z‡, Sun clsd, call 276–685–9314. After hrs ctc 276–685–1122. Located 9 NM northeast Marion.

AIRPORT MANAGER: 276-783-8805

WEATHER DATA SOURCES: AWOS–3 123.875 (276) 686–6420. AWOS dp unrel.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **ATLANTA CENTER APP/DEP CON** 127.85

CLEARANCE DELIVERY PHONE: For CD ctc Atlanta ARTCC at 770-210-7692.

RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) (H) VORTACW 116.8 PSK Chan 115 N37°05.26′ W80°42.77′ 256° 32.7 NM to fld. 2127/6W.

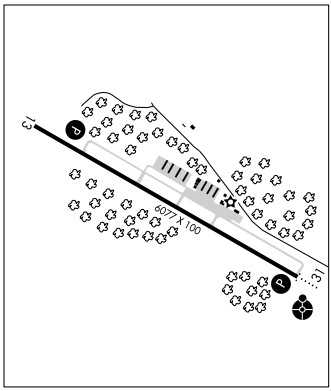
DME unusable:
034°–038° byd 25 NM
135°–175° byd 25 NM blo 10,000′
200°–225° byd 10 NM
250°–350° byd 25 NM blo 10,000′
284°–286° byd 10 NM blo 10,000′
287°–316° byd 25 NM blo 10,000′
315°–335° byd 10 NM blo 10,000′
334°–033° byd 25 NM blo 10,000′

TACAN AZIMUTH unusable:
034°–038° byd 25 NM
053°–100°
135°–175° byd 25 NM blo 10,000′
200°–225° byd 10 NM
234°–283°
284°–286° byd 10 NM blo 10,000′
287°–316° byd 25 NM blo 10,000′
315°–335° byd 10 NM blo 10,000′
334°–033° byd 25 NM blo 10,000′

LOC/DME 110.5 I–MKJ Chan 42 Rwy 26. LOC unmonitored when arpt unatndd. LOC unusable byd 15° left and right of course.

MARTINSVILLE

BLUE RIDGE (MTV)(KMTV) 8 SW UTC–5(–4DT) N36°37.89′ W80°01.20′ **CINCINNATI**
948 B NOTAM FILE MTV **H–9B, 12H, L–26J**
RWY13–31: H6077X100 (ASPH–GRVD) S–30, D–60 PCN 40 F/A/X/T **IAP**
MIRL 0.6% up NW
RWY 13: REIL. PAPI(P4L)—GA 3.5° TCH 54′. Tree.
RWY 31: ODALS. REIL. PAPI(P4L)—GA 3.0° TCH 47′. Tree.



SERVICE: S4 **FUEL** 100LL, JET A+ **OX** 1, 2, 3, 4 **LGT** ACTVT REIL Rwy 13 and Rwy 31; ODALS Rwy 31; PAPI Rwy 13 and Rwy 31; MIRL Rwy 13–31—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Deer on and invof arpt. Cold temperature airport. Altitude correction required at or below –16C.
AIRPORT MANAGER: 276-957-2291
WEATHER DATA SOURCES: AWOS–3 118.45 (276) 957–3784.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **GREENSBORO APP/DEP CON** 124.35
CLNC DEL 124.85
CLEARANCE DELIVERY PHONE: For CD ctc Greensboro Apch at 743-222-6129.
RADIO AIDS TO NAVIGATION: NOTAM FILE GSO.
GREENSBORO (VH) (H) VORTACW 116.2 GSO Chan 109
N36°02.74′ W79°58.58′ 360° 35.2 NM to fld. 908/3W.
TACAN AZIMUTH unusable:
255°–290° byd 10 NM blo 6,000′
VOR unusable:
010°–015° byd 40 NM
072°–076° byd 40 NM
083°–093° byd 40 NM blo 6,000′
083°–093° byd 93 NM
107°–111° byd 40 NM
118°–156° byd 40 NM
157°–167° byd 40 NM blo 3,600′
157°–167° byd 48 NM
168°–180° byd 40 NM
196°–199° byd 40 NM
240°–250° byd 40 NM
260°–276° byd 40 NM
277°–288° byd 40 NM blo 3,500′
277°–288° byd 47 NM blo 6,000′
277°–288° byd 56 NM
289°–302° byd 40 NM blo 5,000′
289°–302° byd 55 NM
303°–317° byd 40 NM blo 5,200′
303°–317° byd 55 NM
318°–354° byd 40 NM
BALES NDB (MHW/LOM) 396 UV N36°35.41′ W79°55.05′ 304° 5.5 NM to fld. 1089/7W. NOTAM FILE MTV.
NDB unmonitored when arpt unatndd.
LOC/DME 111.3 I–UVM Chan 50 Rwy 31. LOM BALES NDB. Unmonitored when ATCT clsd.

MC LAUGHLIN SPB (See CHESTER on page 342)

MECKLENBURG–BRUNSWICK RGNL (See SOUTH HILL on page 379)

MELFA

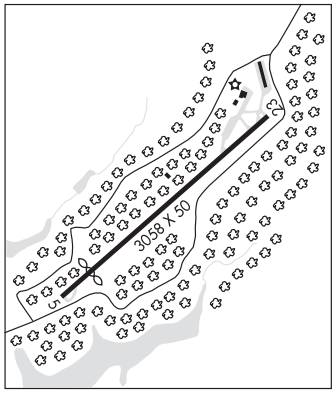
ACCOMACK CO (MFV)(KMFV) 1 W UTC–5(–4DT) N37°38.81′ W75°45.66′ **WASHINGTON**
48 B TPA—See Remarks NOTAM FILE MFV **H–10I, 12I, L–36I**
RWY 03–21: H5000X100 (ASPH) S–26 MIRL **IAP**
RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
SERVICE: **FUEL** 100LL, JET A **LGT** MIRL Rwy 03–21 preset low intst; incr intst & ACTVT REIL Rwys 03 & 21—CTAF.
AIRPORT REMARKS: Attended 1330–2230Z‡. Deer on and invof arpt. Self–serve fuel (100LL and Jet A) avbl 24hrs. TPA—898(850) lgt acft, 1548(1500) hvy acft. After hours access to restrooms.
AIRPORT MANAGER: 757-787-4600
WEATHER DATA SOURCES: AWOS–3 118.175 (757) 787–5660.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other times ctc
Ⓡ **POTOMAC APP/DEP CON** 127.2
GCO 135.075 (NORFOLK CLNC DEL)
CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
CAPE CHARLES (L) TACAN Chan 59 CCV (112.2) N37°20.85′ W75°59.86′ 042° 21.2 NM to fld. 10/10W.
TACAN AZIMUTH unusable:
005°–015° byd 20 NM blo 4,000′
DME unusable:
005°–015° byd 20 NM blo 4,000′
LOC/DME 110.15 I–MFV Chan 38(Y) Rwy 03.



MIDDLE PENINSULA RGNL (See WEST POINT on page 385)

MONETA

SMITH MOUNTAIN LAKE (W91) 4 SE UTC–5(–4DT) N37°06.46′ W79°35.55′ **CINCINNATI**
892 B NOTAM FILE DCA **L–26J**
RWY 05–23: H3058X50 (ASPH) S–3, D–3, 2D–3, 2D/2D2–3 PCN 45 F/D/Z/U MIRL 1.2% up NE **IAP**
RWY 05: Thld dsplcd 250′. Trees.
RWY 23: Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 05–23—CTAF. Pause 1 second between clicks.
AIRPORT REMARKS: Attended continuously. Parachute Jumping. Deer on and invof arpt. Mowing wi safety areas of all rwys and twys Apr–Nov. 24 hr self–serve fuel available with credit card. Rwy 05–23 clsd to lndg acft more than 10,000 lbs publd max GWT. Apn main ramp clsd to hel ops near fuel pump. Lndg fee for all tsnt acft. Ctc amgr for fee sked.
AIRPORT MANAGER: 540-296-4950
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **ROANOKE APP/DEP CON** 135.0
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
LYNCHBURG (L) (L) VORW/DME 109.2 LYH Chan 29 N37°15.27′ W79°14.18′ 248° 19.2 NM to fld. 871/5W.
VOR unusable:
020°–025°
200°–210°
301°–360°
COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540–563–1307.



MONTEBELLO N37°54.03′ W79°06.41′ NOTAM FILE DCA. **CINCINNATI**
(VL) (L) VORW/DME 115.3 MOL Chan 100 030° 23.9 NM to Shenandoah Valley Rgnl. 3455/5W. **H–10H, 12H, L–26J**
DME unusable:
158°–168° byd 30 NM blo 6,000′

MOUNTAIN EMPIRE (See MARION/WYTHEVILLE on page 361)

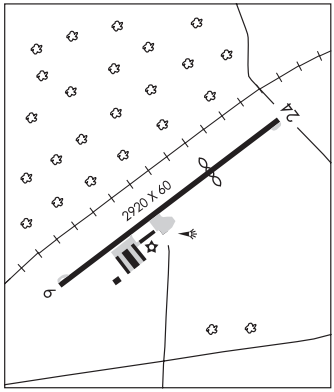
NAILR N38°27.26′ W77°54.32′ NOTAM FILE CJR. WASHINGTON L–29E, 34E, 36I, A

NDB (MHW) 351 MSQ 037° 4.8 NM to Culpeper Rgnl. 289/10W.
NDB unusable:
260°–355° byd 15 NM

NEW KENT CO (See QUINTON on page 374)

NEW LONDON (See FOREST on page 349)

NEW MARKET (8W2) 2 W UTC–5(–4DT) N38°39.36′ W78°42.51′ WASHINGTON L–22G IAP
963 B TPA—1788(825) NOTAM FILE DCA
RWY 06–24: H2920X60 (ASPH) LIRL(NSTD)
RWY 06: Rgt tfc.
RWY 24: Thld dsplcd 918′. Road.
SERVICE: S4 **FUEL** 100LL **LGT** Rwy 06–24 NSTD LIRL, thld lgts one fixture each side. Rwy 06 lgtd thld relocated 100′ and Rwy 24 lgtd thld relocated 930′ for ngt ops, 2020′ Rwy 06–24 lgts at ngt. No rwy end lgts Rwy 24. Arpt lights and rotating bcn opr SS–SR.
AIRPORT REMARKS: Attended Mon–Fri 1300–2130Z‡. Unattended Thanksgiving, Christmas and New Years day. Parachute Jumping. Deer and birds on and invof rwy. Skydiving ops within 2 NM of the arpt from 0800–SS every weekend and occasionally during the week. Hot air balloons weekends early morning and late afternoon. Arriving pilots should use caution. Fuel 24 hr credit card svc. Balloon repair station. Acft repairs avbl, but not full–time. Power plant repairs avbl, but not full–time. Approximately 1000′ north of rwy, 200′ ridge/trees parallel rwy.
AIRPORT MANAGER: 703-327-0444
WEATHER DATA SOURCES: AWOS–3 118.175 (540) 740–3801.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.2
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LINDEN (L) (L) VORTACW 114.3 LDN Chan 90 N38°51.26′ W78°12.33′ 249° 26.4 NM to fld. 2435/6W.
DME portion unusable:
115°–150° byd 20 NM blo 3,500′
150°–155° byd 20 NM blo 4,000′
155°–175° byd 20 NM blo 4,500′
175°–200° byd 20 NM blo 5,000′
200°–225° byd 20 NM blo 5,500′
TACAN AZIMUTH unusable:
115°–225° byd 20 NM



NEW RIVER VALLEY (See DUBLIN on page 346)

NEWPORT NEWS/WILLIAMSBURG INTL (PHF)(KPHF) 9 NW UTC–5(–4DT) N37°07.91´ W76°29.58´ **WASHINGTON**
H–10I, 12I, L–34E, 35D, 36H
IAP, AD

42 B LRA ARFF Index—See Remarks NOTAM FILE PHF

RWY 07–25: H8003X150 (ASPH–GRVD) S–100, D–200, 2S–175, 2D–350 PCR 628 F/B/W/U HIRL
RWY 07: MALSR. RVR–T Trees.
RWY 25: REIL. PAPI(P4R)—GA 3.0° TCH 71´. RVR–R Trees.
RWY 02–20: H6526X150 (CONC–GRVD) S–100, D–200, 2S–175, 2D–350 PCR 540 R/C/W/U HIRL
RWY 02: PAPI(P4L)—GA 3.0° TCH 53´.
RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 43´. Road.

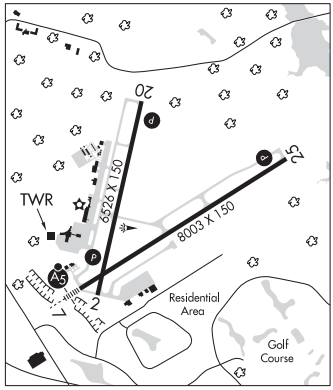
LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 20	07–25	5200
RWY 25	02–20	6550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA–6526 TODA–6526 ASDA–6526 LDA–6526
RWY 07: TORA–8003 TODA–8003 ASDA–8003 LDA–8003
RWY 20: TORA–6526 TODA–6526 ASDA–6526 LDA–6526
RWY 25: TORA–8003 TODA–8003 ASDA–8003 LDA–8003

SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTVT MALSR Rwy 07; REIL Rwy 20 & 25; PAPI Rwy 02, 20 & 25; HIRL Rwy 02–20 & 07–25; twy lgts—CTAF. Rwy 07 MALSR unmonitored.



AIRPORT REMARKS: Attended 1100–0330Z‡. Birds invof arpt. Glider activity approximately 19 miles southwest of arpt, up to base of clouds. Intmt airfield mowing ops Apr–Nov. Use ctn low lvl hel invof arpt. RC park aprxly 2 miles N of arpt, up to 400 ft. PPR 45 minutes for unsked ACR opns with more than 30 psgr seats call arpt ops 757–957–2887. Rwy 02–20 conc–grvd from AER 20 to 5000´. Remainder asph–grvd. Acft arriving/departing Newport News should announce intentions on CTAF when twr clsd. Class I, ARFF Index B. ARFF Index B coverage prvdd durg sked coml acft ops. Ldg fee for acft over 12,500 lbs. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 757-877-0221

WEATHER DATA SOURCES: ASOS (757) 874–3682

COMMUNICATIONS: CTAF 118.7 **ATIS** 128.65 **UNICOM** 122.95
Ⓡ **NORFOLK APP CON** 125.7 **CLNC DEL** 124.9 (when twr clsd)
TOWER 118.7 (1100–0400Z‡) **GND CON** 121.9 **CLNC DEL** 121.65 **PRE TAXI CLNC** 121.65
Ⓡ **NORFOLK DEP CON** 124.9

AIRSPACE: CLASS D svc 1100–0400Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

NORFOLK (VH) (H) VORTACW 116.9 ORF Chan 116 N36°53.51´ W76°12.02´ 323° 20.1 NM to fld. 20/7W.
VOR unusable:
050°–070° byd 40 NM
100°–150° byd 40 NM
170°–180° byd 40 NM
211°–221° byd 40 NM blo 6,000´
211°–221° byd 81 NM
260°–280° byd 40 NM
306°–324° byd 40 NM
325°–335° byd 10 NM blo 4,000´
325°–335° byd 20 NM
336°–340° byd 40 NM
350°–020° byd 40 NM
Byd 30 NM blo 2,500´
TACAN AZIMUTH unusable:
Byd 30 NM blo 2,500´
DME unusable:
Byd 30 NM blo 2,500´

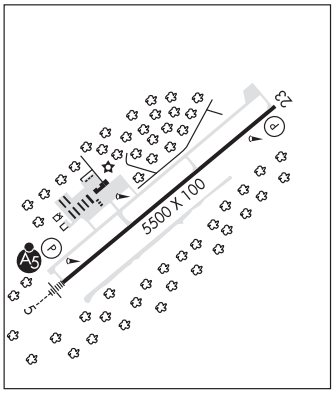
ILS/DME 110.1 I–PHF Chan 38 Rwy 07. Class ID. Unmonitored when ATCT clsd. DME unusable byd 28° left of course.

LOC/DME 109.3 I–FJQ Chan 30 Rwy 20. Unmonitored when ATCT clsd.

ILS/DME 110.1 I–DHY Chan 38 Rwy 25. Class IE.

NORFOLK

CHESAPEAKE RGNL (CPK)(KCPK) 12 S UTC–5(–4DT) N36°39.94′ W76°19.24′ **WASHINGTON**
19 B TPA—See Remarks NOTAM FILE CPK **H–10I, 12I, L–35D**
RWY 05–23: H5500X100 (ASPH–GRVD) S–30 HIRL **IAP**
RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 43′. Tree.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 42′. Tree. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT HIRL Rwy 05–23, MALSR Rwy 05 and REIL Rwy 23—CTAF.
NOISE: Noise abatement procedures in effect; ctc arpt manager 757–432–8110.
AIRPORT REMARKS: Attended 1300–0100Z‡. Deer and geese on and invof rwy. For fuel after hrs call in advance 757–421–9000. Self–svc avbl. TPA 1019(1000), turbine/large acft 1519(1500).
AIRPORT MANAGER: 757-432-8110
WEATHER DATA SOURCES: AWOS–3 123.675 (757) 204–4290.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **NORFOLK APP/DEP CON** 118.9 125.2
CLEARANCE DELIVERY PHONE: GCO avbl on freq 135.075 thru Norfolk CD. If un, for CD ctc Norfolk Apch at 757-464-0757.
RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.
NORFOLK (VH) (H) VORTACW 116.9 ORF Chan 116 N36°53.51′ W76°12.02′ 210° 14.7 NM to fld. 20/7W.
VOR unusable:
050°–070° byd 40 NM
100°–150° byd 40 NM
170°–180° byd 40 NM
211°–221° byd 40 NM blo 6,000′
211°–221° byd 81 NM
260°–280° byd 40 NM
306°–324° byd 40 NM
325°–335° byd 10 NM blo 4,000′
325°–335° byd 20 NM
336°–340° byd 40 NM
350°–020° byd 40 NM
Byd 30 NM blo 2,500′
TACAN AZIMUTH unusable:
Byd 30 NM blo 2,500′
DME unusable:
Byd 30 NM blo 2,500′
ILS/DME 111.7 I–EYK Chan 54 Rwy 05. Class IA.



HAMPTON ROADS EXEC (PVG)(KPVG) 7 SW UTC–5(–4DT) N36°46.85′ W76°27.08′
28 B TPA—See Remarks NOTAM FILE DCA

RWY 10–28: H5350X100 (ASPH–GRVD) D–75 HIRL
RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Tree. Rgt tfc.
RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Tree.
RWY 02–20: H3525X70 (ASPH) S–12.5 MIRL
RWY 02: Thld dsplcd 898′. Road.
RWY 20: Thld dsplcd 928′. Trees. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 10 & 28; PAPI Rwy 10 & 28; MIRL Rwy 02–20; HIRL Rwy 10–28—CTAF.

AIRPORT REMARKS: Attended continuously. Deer on & invof arpt. Extensive helicopter training. Rwy 10–28 preferred use rwy. Rwy 10 and Rwy 20 rgt tfc for fixed wing acft. Rwy 10–28 prefferred use rwy. Rwy 02 thresh dsplcd: clr slp 16:1 tree lctd 1546 ft fm thr 208 ft right on apch. Rwy 20 thresh dsplcd: clr slp 17:1 tree lctd 1537 ft fm thr 212 ft r on apch. Be alert for multiple 1000 ft AGL twrs 1.5 NM NW of fld. Rwy 02–20 has nmrs cracks. Twys supporting rwy have nmrs cracks and FOD potential. TPA—700(677) for helicopters.

AIRPORT MANAGER: 757-465-0260

WEATHER DATA SOURCES: AWOS–3PT 118.375 (757) 465–2175.

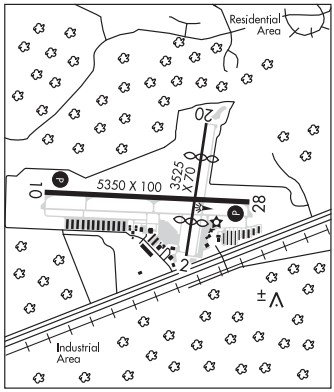
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **NORFOLK APP/DEP CON** 118.9 125.2

CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.

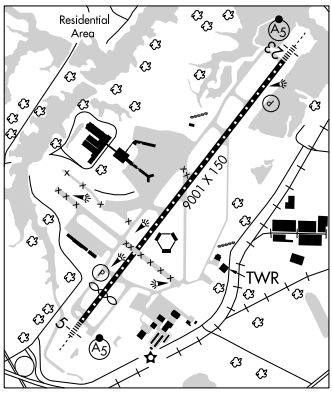
RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

NORFOLK (VH) (H) VORTACW 116.9 ORF Chan 116 N36°53.51′ W76°12.02′ 248° 13.8 NM to fld. 20/7W.
VOR unusable:
050°–070° byd 40 NM
100°–150° byd 40 NM
170°–180° byd 40 NM
211°–221° byd 40 NM blo 6,000′
211°–221° byd 81 NM
260°–280° byd 40 NM
306°–324° byd 40 NM
325°–335° byd 10 NM blo 4,000′
325°–335° byd 20 NM
336°–340° byd 40 NM
350°–020° byd 40 NM
Byd 30 NM blo 2,500′
TACAN AZIMUTH unusable:
Byd 30 NM blo 2,500′
DME unusable:
Byd 30 NM blo 2,500′

ILS/DME 110.75 I–PVG Chan 44(Y) Rwy 10. Class IB. Autopilot cpd apchs NA blw 800′ MSL. Unmonitored.



NORFOLK INTL (ORF)(KORF) 3 NE UTC–5(–4DT) N36°53.74′ W76°11.93′ **WASHINGTON**
26 B LRA Class I, ARFF Index C NOTAM FILE ORF **H–10I, 12I, L–35D, 36H**
RWY 05–23: H9001X150 (ASPH–CONC–GRVD) S–120, D–250, **IAP, AD**
2S–175, 2D–550, 2D/2D2–1120 PCR 630 F/A/X/T HIRL CL
RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 71′. RVR–T Thld dsplcd 1000′. Trees. Rgt tfc.
RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. RVR–R Pole.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–9001 TODA–9001 ASDA–8809 LDA–7809
RWY 23: TORA–9001 TODA–9001 ASDA–8995 LDA–8995
SERVICE: S2 **FUEL** 100LL, JET A **OX** 1, 2, 4
NOISE: Noise abatement procedures in effect.
AIRPORT REMARKS: Attended continuously. Parachute Jumping. Flocks of birds on and invof arpt. Intmt airfield mowing ops Mar–Nov. SAID in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Rwy 05–23 longl cracks & spalling. Ldg fee. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: 757-857-3344
WEATHER DATA SOURCES: ASOS (276) 200–0952 WSP.
COMMUNICATIONS: ATIS 127.15 (757) 464–1390
Ⓡ **APP CON** 118.9 (010°–080°) (180°–310°) 125.7(311°–009°)
TOWER 120.8 **GND CON** 121.9 **CLNC DEL** 118.5
Ⓡ **DEP CON** 125.2
AIRSPACE: CLASS C svc ctc **APP CON**.
RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.
(VH) (H) VORTACW 116.9 ORF Chan 116 N36°53.51′ W76°12.02′ at fld. 20/7W.
VOR unusable:
050°–070° byd 40 NM
100°–150° byd 40 NM
170°–180° byd 40 NM
211°–221° byd 40 NM blo 6,000′
211°–221° byd 81 NM
260°–280° byd 40 NM
306°–324° byd 40 NM
325°–335° byd 10 NM blo 4,000′
325°–335° byd 20 NM
336°–340° byd 40 NM
350°–020° byd 40 NM
Byd 30 NM blo 2,500′
TACAN AZIMUTH unusable:
Byd 30 NM blo 2,500′
DME unusable:
Byd 30 NM blo 2,500′
ILS/DME 109.1 I–ORF Chan 28 Rwy 05. Class IB. Glideslope unusable for coupled apch blw 1,180′ MSL.
ILS/DME 109.1 I–JZQ Chan 28 Rwy 23. Class IA.



NORFOLK NS (CHAMBERS FLD) (NGU)(KNGU) N 0 NW UTC–5(–4DT) N36°56.25′ **WASHINGTON**
W76°17.36′ **H–10I, 12I, L–35D, 36H**
15 B NOTAM FILE NGU Not insp. **DIAP, AD**
RWY 10–28: H8370X200 (ASPH–GRVD) PCN 56 R/B/W/T HIRL CL
RWY 10: ALSF2. OLS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 35′. Thld dsplcd 299′.
RWY 28: SSALF. OLS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 36′. Thld dsplcd 995′. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: TORA–8370 LDA–8071
RWY 28: TORA–8370 LDA–7375
ARRESTING GEAR/SYSTEM
RWY 10 HOOK E28(B) (1799 FT). HOOK E28 (B) (2056 FT). **RWY 28**
SERVICE: **OX** 1, 2 **MILITARY— A–GEAR** Avoid centrln lgt Rwy 10–28 dur cable engagement to prevent tailhook skip. Dist Rwy 28 measured fr displ thr. E–28(B) in raised posn at dep end of rwy nrmlly. Shortfld gear avbl with 20 min PN. **JASU** (NC–10C) (NC–8A/A1) (NCPP–105 Ctc Air Ops Duty Officer to ensure avbl.) **FUEL** J5. No tran copter hot pit wo prior coord with host squadron. **FLUID** ADI SP PRESAIR LHOX LOX **OIL** Unavbl. **TRAN ALERT** Ltd tran maint avbl wkend only 1200–2000Z‡. Tran maint unavbl OT. 2 hr PN rqr for LOX. Lavatory svc unavbl for C–130 acft. Potable water unavbl. No tran work/msn planning/briefing spaces or COMSEC stor for dets.

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NOISE: Noise abatement: No practice apch Mon–Sat 0400–1200Z‡, Sun 0400–1800Z‡. OT by NOTAM. No copter ovft Willoughby Spit exc via Point Xray (Chambers TACAN R–042/1.5 DME) or point Yankee (Chambers Tacan R–009/1.8 DME) at 500´.

MILITARY REMARKS: CLSD 0400Z‡ fourth Thu Nov–1200Z‡ fourth Fri Nov, CLSD 1900Z‡ 24 Dec–1200Z‡ 26 Dec, CLSD 1900Z‡ 31 Dec–1200Z‡ 2 Jan. See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR for non Chambers fld based acft. DSN 262–3419/3429 C757–322–3419/3429. AMC/ATOC DSN 341–9926/7/8, C757–341–9926/7/8. Acft utilizing AMC trml ctc ATOC/AMC trml 15 min prior arr with load rpt. Acft overseas ctc AMC/ATOC via phone patch 2 hr prior arr for cstm. All other acft, ctc Base Ops 15 min prior arr. **CAUTION** Extv fish spotter acft act (single engine general aviation acft) upwards fr 1500 ft over Chesapeake Bay and adj coastal waters. Extv VFR tfc opr w of Chambers Class D and Norfolk Class C airspace. Do not mistake Norfolk Intl 5 NM SE for Chambers Field, while inbd on TACAN/RNAV Rwy 28 apchs. Chambers Field has a single rwy; Norfolk Intl has intersecting rwys. Arr/dep TCAS equipped acft should expect numerous TCAS alerts from ships or transmitting into/out of the Chesapeake and coastal waters. Bird haz. Multiple trees beginning 1000 ft fr DER 10, 1200 ft left to 1200 ft right of cntrln, up to 120 ft MSL. Multiple cranes 1.2 NM to 1.3 NM fr DER 28 1600 ft left to 4000 ft right of cntrln, up to 260 ft MSL. Rwy 28 1000 ft remaining marker unavailable. **TFC PAT** R tfc Rwy 28. Basic f/w/VFR min 1000´ and 3 NM. Heliport Rwy 09–27. **MISC** Rwy 10–28 grooved.Flight plans for NS Norfolk, Chambers Fld and NAS Oceana should be faxed to DSN 565–9680, C757–445–9680, or emailed to W_CNI_Nrfk_NSNorfolk_N32_ATC_Users@navy.mil. To cfm receipt of flt plans call NS Norfolk, Chambers Fld flt planning supervisor at DSN 262–3419/3429, C757–322–3419/3429. For civil lndg permit (CALP) info ctc afld mgr C757–322–3419/3429.

COMMUNICATIONS: SFA **ATIS** 118.425 338.225

Ⓡ **NORFOLK APP CON** 118.9 273.475 (010°–310°) 125.7 335.625 (311°–009°)

CHAMBERS TOWER 124.3 379.15 **GND CON** 121.8 370.85 **CLNC DEL** 120.7 339.8

Ⓡ **DEP CON** 125.2 335.625 363.125

NAVY NORFOLK HELI TWR 126.375 290.5 (Opr Mon–Fri 1300–0400Z‡, clsd Sat, Sun, and hol)

NAVY NORFOLK HELI GND CON 298.95 **AMC/ATOC** 130.65 349.5 **METRO** 271.6 **BASE OPS** 126.2 268.8

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

(VH) (H) VORTACW 116.9 ORF Chan 116 N36°53.51´ W76°12.02´ 310° 5.1 NM to fld. 20/7W.

VOR unusable:
- 050°–070° byd 40 NM
- 100°–150° byd 40 NM
- 170°–180° byd 40 NM
- 211°–221° byd 40 NM blo 6,000´
- 211°–221° byd 81 NM
- 260°–280° byd 40 NM
- 306°–324° byd 40 NM
- 325°–335° byd 10 NM blo 4,000´
- 325°–335° byd 20 NM
- 336°–340° byd 40 NM
- 350°–020° byd 40 NM
- Byd 30 NM blo 2,500´

TACAN AZIMUTH unusable:
- Byd 30 NM blo 2,500´

DME unusable:
- Byd 30 NM blo 2,500´

CHAMBERS (L) TACAN Chan 86(Y) NGU (113.95) N36°56.40´ W76°16.64´ at fld. 10/10W. NOTAM FILE NGU.

TACAN AZIMUTH unusable:
- 261°–269° byd 20 NM
- No NOTAM MP Wed 1230–1630Z‡

ILS/DME 108.95 I–NGU Chan 26(Y) Rwy 10. Class IC. No NOTAM MP Wed 1230–1630Z‡ .

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar svc avbl Mon 1200Z‡ thru Fri 0400Z‡. **ILS/TACAN/Radar—**ILS or LOC/DME Rwy 10—BC unused. ILS and TACAN no NOTAM MP Wed 1230–1630Z‡. Radar—See Terminal Flip for Radar Minima.

OCEANA NAS (APOLLO SOUCEK FLD) (NTU)(KNTU) N 3 SW UTC–5(–4DT) N36°49.36´ W76°01.91´ **WASHINGTON H–10I, 12I, L–35D DIAP, AD**

22 B NOTAM FILE NTU Not insp.

RWY 05R–23L: H12001X200 (PEM) PCN 79 R/C/W/T HIRL CL

RWY 05R: ALSF1. OLS.

RWY 23L: ALSF1. OLS.

RWY 14L–32R: H8001X150 (PEM) PCN 76 R/C/W/T HIRL

RWY 14L: OLS.

RWY 32R: OLS.

RWY 05L–23R: H8000X150 (PEM) PCN 90 R/B/W/T HIRL

RWY 05L: OLS.

RWY 23R: OLS.

RWY 14R–32L: H8000X200 (PEM) PCN 75 R/B/W/T HIRL CL

RWY 14R: OLS.

RWY 32L: ALSF1. OLS.

ARRESTING GEAR/SYSTEM

RWY 05R HOOK E28(B) (1412 FT). HOOK E28(B) (1435 FT). **RWY 23L**

RWY 14L HOOK E28(B) (1461 FT). HOOK E28(B) (1476 FT). **RWY 32R**

RWY 05L HOOK E28(B) (1476 FT). HOOK E28(B) (1506 FT). **RWY 23R**

RWY 14R HOOK E28(B) (1414 FT). HOOK E28(B) (1454 FT). **RWY 32L**

SERVICE: **OX** 1, 2, 3, 4 **MILITARY— A–GEAR** A–G nml rigged all rwy except inboard rwy shortfield A–G. **JASU** (NC–10C) (NC–108) (MSU–200 Ctc Air OPS Duty Officer to ensure avbl.) **FUEL** J5. No fuel svc 0430–0530Z‡. Ltd fuel svc avbl 0330–04300Z‡ and 0530–1230Z‡ dur pers rstd. Tran hot pit avbl 1300–0330Z‡ Mon–Fri, PPR; unavbl weekend/hol. **FLUID** SP LHOX LOX unavail wkends and hol. **OIL** Unavailable. **TRAN ALERT** Tran line 1230–0330Z‡ Mon–Fri; 1300–2300Z‡ Sat, Sun, and hol. Ltd prk/stor fac. Dur peak periods extv delay in tran svg. JOSAC/NALO have priority. No LAV svc or potable water avbl. No on/off base trnsp avbl.

NOISE: Noise abtmt: Strict compliance rqr with program outlined in FLIP AP/1 Suppl arpt rmk.

MILITARY REMARKS: Class D and Class E–ext avail 0500–0459Z‡ Sun–Sat exc by NOTAM. A/D use ctn parasailing will take place along the coast from NTU 350 CW 160 from coastline to 3 NM. SFC–400´. Daytime and VMC only. From 1 Apr until 30 Oct. See FLIP AP/1 Supplementary Arpt Information. For civil acft landing permit (CALP) info ctc afld mgr C757–433–2318/2161. **RSTD** PPR rqr 48 hr prior non–Oceania based acft DSN 433–2161/2163, C757–433–2161/2163. Sta to final ldg only 0300–1200Z‡, Sun 0000–1800Z‡. Vice final ldg only 0400–1200Z‡, Sun 0400–1800Z‡. Sun all fixed wing and hel flt abv 1000´ arr/dep must file IFR flt plan. VFR/special VFR copter route mandatory for all hel flts at or blw 1000´. **CAUTION** During VMC all dep and practice inst apch fly rwy heading and do not exceed 1000´ until past dep end due extensive overhead tfc **TFC PAT–1500.** Simultaneous ldg/dep are conducted on parl rwy located 700´ apart. Extv jet trng Oceana NAS/Fentress NALF. Reduced rwy sepn std in effect USN/USMC acft. Dur peak periods expt one apch to full stop ldg. **MISC** NS Norfolk, Chambers Fld coordinates all flight planning svcs. Flight plans should be emailed to kngu.fltplng.fct@navy.mil or faxed to DSN 565–9680, C757–445–9680. To cfm receipt of flt plans call NS Norfolk, Chambers Fld flt planning supervisor at DSN 262–3419/3429, C757–322–3419/3429. Huffer air start svc unavbl to transient acft. Use caution, parasailing will take place along the coast from NTU R–350 to NTU R–160 from coastline to 3 NM, sfc—400´ dalgt and VMC only from 1 Apr til 30 Oct. All sfcs WIP grass cutting along rwys and twys. **CSTMS/AG/IMG** Avbl Oceana NAS based tactical acft only. Require 48 hr prior notice to Base Ops. Aircrew rqr to remain in acft until rlsd by Customs.

WEATHER DATA SOURCES: ASOS DSN 433–3619

COMMUNICATIONS: SFA 288.3 346.4 328.4 310.8 363.1 352.1 348.75 **ATIS** 317.6 (DSN–433–2377 C757–433–2377)

Ⓡ **OCEANA APP/DEP CON** 266.8 123.9

TOWER 127.075 360.2 **GND CON** 119.6 336.4 **CLNC DEL** 254.4

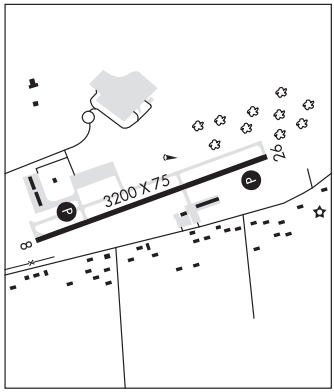
PMSV 387.4 **BASE OPS** 284.9 (not avbl 0700–1200Z‡) **ATCOM** 6723

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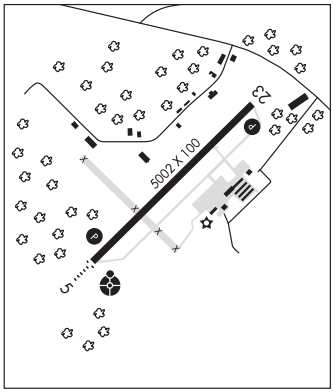
AIRSPACE: CLASS D svc 0500–0459Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE NTU.
(H) TACAN Chan 113 NTU (116.6) N36°49.45′ W76°02.22′ at fld. 16/10W.
TACAN AZIMUTH unusable:
200°–210° byd 20 NM blo 2,000′
211°–244° byd 20 NM blo 3,000′
245°–315°
316°–349° byd 20 NM blo 6,000′
350°–199° byd 20 NM blo 2,000′
DME unusable:
200°–210° byd 20 NM blo 2,000′
211°–244° byd 20 NM blo 3,000′
245°–315°
316°–349° byd 20 NM blo 6,000′
350°–199° byd 20 NM blo 2,000′
ASR/PAR
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

ORANGE CO (OMH)(KOMH) 3 E UTC–5(–4DT) N38°14.83′ W78°02.74′ **WASHINGTON**
464 B NOTAM FILE OMH **L–34E, 36H, A**
RWY 08–26: H3200X75 (ASPH–AFSC) S–12 MIRL 0.6% up NE **IAP**
RWY 08: REIL. PAPI(P2L)—GA 4.0° TCH 42′. Tree.
RWY 26: REIL. PAPI(P2L)—GA 4.0° TCH 44′. Pole.
SERVICE: FUEL 100LL, JET A+ **LGT** ACTVT REIL Rwy 08 and Rwy 26; PAPI Rwy 08 and Rwy 26; MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Unattended federal hol and Easter. Term open business hrs. Parachute operations. 100LL self service after hours. Jet A+ self service after hours.
AIRPORT MANAGER: 540-672-2158
WEATHER DATA SOURCES: AWOS–3 118.075 (540) 672–0505.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **POTOMAC APP/DEP CON** 132.85 120.525
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GORDONSVILLE (VH) (H) VORTACW 115.6 GVE Chan 103
N38°00.82′ W78°09.18′ 026° 14.9 NM to fld. 383/6W.
TACAN AZIMUTH unusable:
250°–260° byd 25 NM blo 7,000′
VOR unusable:
005°–050° byd 40 NM
180°–207° byd 40 NM
208°–218° byd 40 NM blo 3,000′
208°–218° byd 50 NM
219°–225° byd 40 NM
260°–301° byd 40 NM
302°–312° byd 40 NM blo 9,000′
302°–312° byd 65 NM
313°–331° byd 40 NM
332°–342° byd 40 NM blo 6,100′
332°–342° byd 46 NM
343°–360° byd 40 NM



PETERSBURG

TRI CITIES EXEC/DINWIDDIE CO (PTB)(KPTB) 5 SW UTC–5(–4DT) N37°11.06′ W77°30.37′ **WASHINGTON**
193 B TPA—993(800) NOTAM FILE PTB **H–10H, 12I, L–36H**
RWY 05–23: H5002X100 (ASPH–GRVD) S–25, 2S–83 MIRL **IAP**
RWY 05: ODALS. PAPI(P4L)—GA 3.0° TCH 42′. Tree.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40′.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTVT ODALS Rwy 05; REIL Rwy 23; PAPI Rwys 05 and 23; and MIRL Rwy 05–23—CTAF.
AIRPORT REMARKS: Attended Apr–Sep Mon–Sun 1200–0000Z‡, Oct–Mar Mon–Sun 1200–2300Z‡. Ultralight act on and invof arpt. 100LL self svc fueling avbl after hrs. Conc pads on main apron avbl for hel parking. Ctc UNICOM for terminal hel parking. Helicopters apch parl to Rwy 05–23 and transition perpendicular to Rwy 05–23 to helipads on NE corner of apron.
AIRPORT MANAGER: 804-861-0218
WEATHER DATA SOURCES: AWOS–3 133.325 (804) 861–5551.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 126.75
CLEARANCE DELIVERY PHONE: GCO avbl on freq 135.075 thru Potomac Apch CD. If una, for CD ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HOPEWELL (VL) (H) VORTACW 114.35 HPW Chan 90(Y)
N37°19.73′ W77°06.96′ 251° 20.6 NM to fld. 70/6W.
VOR unusable:
052°–060° byd 40 NM
100°–105° byd 40 NM
150°–160° byd 40 NM
205°–220° blo 4,500′
225°–242° byd 30 NM blo 6,000′
295°–305° byd 40 NM
330°–345° byd 40 NM
LOC/DME 110.3 I–JLS Chan 40 Rwy 05. LOC unmonitored when arpt unatndd.



PULASKI N37°05.26′ W80°42.77′ NOTAM FILE PSK. **CINCINNATI**
(H) (H) VORTACW 116.8 PSK Chan 115 035° 3.4 NM to New River Valley. 2127/6W. **H–10H, 12H, L–26I**
DME unusable:
034°–038° byd 25 NM
135°–175° byd 25 NM blo 10,000′
200°–225° byd 10 NM
250°–350° byd 25 NM blo 10,000′
284°–286° byd 10 NM blo 10,000′
287°–316° byd 25 NM blo 10,000′
315°–335° byd 10 NM blo 10,000′
334°–033° byd 25 NM blo 10,000′
TACAN AZIMUTH unusable:
034°–038° byd 25 NM
053°–100°
135°–175° byd 25 NM blo 10,000′
200°–225° byd 10 NM
234°–283°
284°–286° byd 10 NM blo 10,000′
287°–316° byd 25 NM blo 10,000′
315°–335° byd 10 NM blo 10,000′
334°–033° byd 25 NM blo 10,000′
RCO 122.3 (LEESBURG RADIO)

QUANTICO MCAF (TURNER FLD) (NYG)(KNYG) MC 1 S UTC–5(–4DT) N38°30.22′ W77°18.30′ **WASHINGTON**
10 B NOTAM FILE DCA Not insp. **L–29E, 34E, 36I, A**
RWY 02–20: H4250X184 (PEM–GRVD) PCN 63 R/C/W/T HIRL CL **DIAP, AD**
RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 35′.
RWY 20: REIL.

SERVICE: **FUEL** JET A1+ **OX** 1 **MILITARY— LGT** Rwy 02 – Cntrln lgts first 1000 ft. When twr clsd ACTVT REILS Rwy 02 & 20; PAPI Rwy 02; HIRL Rwy 02–20; CL Rwy 02; twy lgts—CTAF. To ACTVT & incr ints cmsnd key 118.6, 7 times high, 5 times med, 3 times low. **FUEL** A++; limited supply. Exp no more than 10,000 over PPR. **TRAN ALERT** No tran maint avbl. Rqr qualified crew member to assist in cold refueling.

NOISE: Noise Abatement: The area in and around the Quantico Class D Airspace is noise sensitive. Copter transit Quantico Class D Airspace at or abv 1000′ AGL.

MILITARY REMARKS: Opr Mon–Thur 1300–0000Z‡, Fri 1300–2200Z‡, CLOSED Sat, Sun and hol. **RSTD** All tran acft 24 hr PPR; Base Ops DSN 278–2085/1459, or C703–784–2085/1459. After 2200Z‡ and on weekend call DSN 378–0920, C703–432–0920 or CC703–675–3623 for PPR. No tran acft ops outside publ hr w/o MCAF Quantico apvl.. **CAUTION** Bird haz vcnty Rwy 02–20 SR–SS. Hvy migratory bird act Oct–Mar, hvy Osprey act Mar–Jul, heavy Eagle act Dec–Jul. No mandatory rwy VFR hold position signs co–located w/markings on Twys A, B, and D. Rwy 02 ovrn 100′. Rwy 20 no ovrn. Twy D sfc consists of AM–2 aluminum matting with non–skid all wx coating; no edge lgtng on Twy D. Twy B edge lgt non std first 100′ at rwy entrance/exit (North edge) located 20′ from usable pavement. Twy C clsd. Marked and lighted 4′ deep x 4′ diameter hole 10′ from rwy edge west side, 280′ south of Rwy 20 thld. **CSTMS/AG/IMG** Not avbl. **MISC** MCAF Quantico and R–6608 lie within the Washington ADIZ. Pilots must adhere to ADIZ reporting procedures in both these areas. Twy A limited to R/W dalgt VFR only. C–17 landing zone marked but not certified. Assault ldgs not authorized. Cat II crash/fire rescue svc. Rwy 02–20 grooved full length. MCAF Quantico has no provisions for Space A passengers. Space A passengers cannot be on–loaded or off–loaded due to security issues. No 180 deg turns on rwy asphalt. 180° turns only on conc EOR. No staggered acft devs from RCL. Automated weather broadcast avbl during hour of airfield closure on 355.3.

AIRPORT MANAGER: 703-784-2084

COMMUNICATIONS: SFA **CTAF** 118.6 **ATIS** 263.15 (Mon and Fri 1300–2200Z‡, Tue 1600–0200Z‡, Wed–Thu 1300–0200Z‡)
Ⓡ **APP/DEP CON** 127.05 290.375 (1300–0200Z‡ Mon–Thu, 1300–2200Z‡ Fri, opr Sat, Sun and hol by NOTAM only.)
Ⓡ **POTOMAC APP/DEP CON** 128.525 306.925 (When twr clsd)
TOWER 118.6 360.2 (1300–0200Z‡ Mon–Thu, 1300–2200Z‡ Fri, opr Sat, Sun and hol by NOTAM only)
GND CON 121.75 340.2 **PMSV METRO** 355

CLEARANCE DELIVERY PHONE: For CD when NYG ATCT/Apch are clsd ctc Potomac Apch at 866-709-4993.

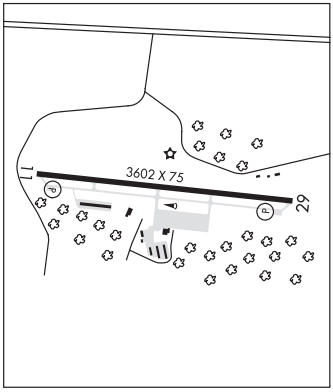
AIRSPACE: CLASS D svc 1300–0200Z‡ Mon–Thu, 1300–2200Z‡ Fri, opr Sat, Sun, and hol by NOTAM only; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
BROOKE (L) (L) VORTACW 114.5 BRV Chan 92 N38°20.18′ W77°21.17′ 022° 10.3 NM to fld. 145/9W.
VOR unusable:
001°–360°
TACAN AZIMUTH unusable:
011°–060° byd 20 NM
061°–120°
121°–161° byd 17 NM
162°–238°
239°–249° byd 5 NM
250°–010°
ILS/DME 108.3 I–NYG Chan 20 Rwy 02. Class IA. LOC unusable wi 0.5 NM. LOC unusable byd 20° left and right of course.
ASR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

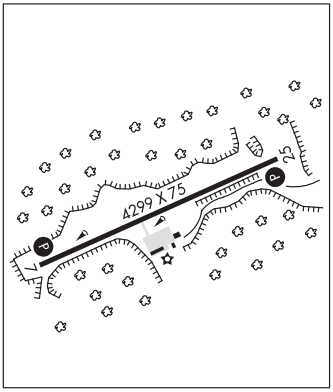
QUINTON

NEW KENT CO (W96) 8 W UTC–5(–4DT) N37°30.21′ W77°07.59′ **WASHINGTON**
121 B TPA—921(800) NOTAM FILE DCA **L–34E, 36H**
RWY 11–29: H3602X75 (ASPH) S–12.5 MIRL 0.4% up W **IAP**
RWY 11: REIL. PAPI(P2R)—GA 4.0° TCH 45′. Road.
RWY 29: REIL. PAPI(P2L)—GA 4.0° TCH 45′. Trees.
SERVICE: S2 **FUEL** 100LL **LGT** ACTVT REIL Rwy 11 & 29; MIRL Rwy 11–29—CTAF. Rotg bcn not visible when approaching fm the north.
AIRPORT REMARKS: Attended 1400–2200Z‡. Deer on and invof arpt. 100LL avbl 24 hrs, credit card required when unattended.
AIRPORT MANAGER: 804-932-3984
WEATHER DATA SOURCES: AWOS–3 119.875 (804) 932–8863.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **POTOMAC APP/DEP CON** 126.4
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HOPEWELL (VL) (H) VORTACW 114.35 HPW Chan 90(Y)
N37°19.73′ W77°06.96′ 003° 10.5 NM to fld. 70/6W.
VOR unusable:
052°–060° byd 40 NM
100°–105° byd 40 NM
150°–160° byd 40 NM
205°–220° blo 4,500′
225°–242° byd 30 NM blo 6,000′
295°–305° byd 40 NM
330°–345° byd 40 NM



RICHLANDS

TAZEWELL CO (JFZ)(KJFZ) 2 S UTC–5(–4DT) N37°03.82′ W81°47.90′ **CINCINNATI**
2653 B NOTAM FILE JFZ **L–26H**
RWY 07–25: H4299X75 (ASPH) S–12.5, D–18 MIRL **IAP**
RWY 07: REIL. PAPI(P2L)—GA 3.5° TCH 47′. Trees.
RWY 25: REIL. PAPI(P2L)—GA 3.5° TCH 47′. Tree.
SERVICE: **FUEL** 100LL, JET A+ **LGT** MIRL Rwy 07–25 preset low intst. To increase intst and ACTVT REIL Rwy 07 and 25; PAPI Rwy 07–25—CTAF.
AIRPORT REMARKS: Attended Mon–Sat 1330–2130Z‡. For Sun svc, call arpt durg rglr bus hrs to arng. Aft hrs nrs listed on door. Unattended New Years, Thanksgiving, and Christmas.
AIRPORT MANAGER: 276-963-4509
WEATHER DATA SOURCES: AWOS–3 118.075 (276) 596–9927.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **ATLANTA CENTER APP/DEP CON** 127.85
GCO 135.075 (thru ZTL clnc del and DCA RADIO) – inop.
CLEARANCE DELIVERY PHONE: For CD if una via GCO ctc Atlanta ARTCC at 770-210-7692.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GLADE SPRING (L) (L) VORW/DME 115.55 GZG Chan 102(Y)
N36°49.51′ W82°04.74′ 045° 19.7 NM to fld. 4200/2W.
VOR unusable:
010°–095°
115°–120° byd 20 NM blo 10,000′
351°–004° byd 15 NM blo 8,000′
LOC/DME 109.75 I–JFZ Chan 34(Y) Rwy 25.



RICHMOND

RICHMOND EXEC/CHESTERFIELD CO (FCI)(KFCI) 4 SW UTC–5(–4DT) N37°24.39´ W77°31.49´ **WASHINGTON H–10H, 12I, L–36H IAP**

236 B TPA—See Remarks LRA NOTAM FILE DCA

RWY 15–33: H5500X100 (ASPH–GRVD) S–60, D–80 HIRL 0.7% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 43´. Trees.

RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 50´. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** HIRL Rwy 15–33 preset low intst; incr intst and ACTVT MALSR Rwy 33 and REIL Rwy 15—CTAF.

NOISE: Noise sensitive area north of arpt. No wind voluntary use of Rwy 15 preferred.

AIRPORT REMARKS: Attended 1200–0300Z‡. Fuel aft hrs call 804–271–7793 or 844–435–9732 btn 0300–1200Z‡. 400´ twr 5 NM north of arpt. Acft on ILS apch to Richmond Intl crossing over arpt. Med–fight: irregular departure pattern. Helicopter parking adj to Twy C. TPA—1236(1000) single engine, 1736(1500) multi–engine. ARFF eqpt and trained personnel avbl at arpt.

AIRPORT MANAGER: 804-768-7722

WEATHER DATA SOURCES: AWOS–3PT 128.625 (804) 271–8426.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **POTOMAC APP/DEP CON** 126.75 118.2

CLNC DEL 124.6

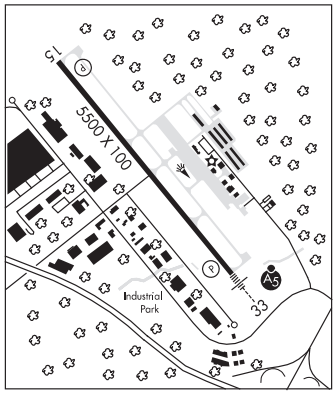
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

FLAT ROCK (H) (H) VORTACW 113.3 FAK Chan 80 N37°31.71´ W77°49.69´ 123° 16.2 NM to fld. 460/6W. TACAN 338 radial unusable

VOR unusable:
111°–168°
169°–204° blo 5,000´
274°–337° blo 4,000´
274°–337° byd 33 NM

ILS/DME 108.3 I–CFU Chan 20 Rwy 33. Class IA. LOC/DME unmonitored when arpt unatndd.

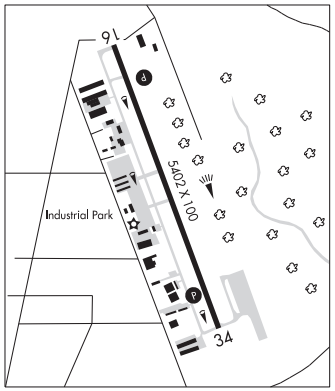


RICHMOND INTL (RIC)(KRIC) P (ARNG) 6 E UTC–5(–4DT) N37°30.31′ W77°19.18′ **WASHINGTON**
168 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE RIC MON **H–10H, 12I, L–34E, 36H**
Airport **IAP, AD**

RWY 16–34: H9003X150 (ASPH–GRVD) S–125, D–238, 2S–175, 2D–409, 2D/2D2–944 PCR 600 F/B/X/T HIRL CL
RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 71′. RVR–TMR
RWY 34: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 79′. RVR–TMR
RWY 02–20: H6607X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–480, 2D/2D2–1034 PCR 820 F/C/X/T HIRL
RWY 02: MALSR. PAPI(P4L)—GA 3.0° TCH 49′. Pole.
RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 49′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–6607 TODA–6607 ASDA–6607 LDA–6607
RWY 16: TORA–9003 TODA–9003 ASDA–9003 LDA–9003
RWY 20: TORA–6607 TODA–6607 ASDA–6607 LDA–6607
RWY 34: TORA–9003 TODA–9003 ASDA–9003 LDA–9003
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** SS–SR. **MILITARY— FUEL** A, A+(C804–226–7200, C804–337–7487) (NC–100LL) **FLUID** PRESAIR LPOX LOX **OIL** O–148(Mil) SOAP
AIRPORT REMARKS: Attended continuously. Bird act invof all rwys and twys and invof arpt. 220′ MSL crane (marked and lgtd) 5.4 NM south of arpt. Class I, ARFF Index C. ARFF Index D/E avbl on req. No turbojet acft practice ldgs 0300–1200Z‡. Cons const on arpt, be alert for freq rwy and twy closures. Twy V btn Twy A and Twy R rstrd fm use by acft with wingspans greater than 99′. Due to the close proximity to Rwy 02–20, Twy Uniform signage may be behind acft, once clear of Rwy 02–20. Due to opr constraints acft pushed back for dep prohibited fm hldg on ACR ramps for more than 5 mins. ACR apron clsd to unsked acft weighing under 35000 lbs. No taxiing btn pushed back acft and the trml on the ACR ramp. ATC clnc rqrd for pushback from hardstands C9, C10 and C12 onto Twy T. Non–RDO equipped vehicles crossing midfield Twys C, E and H and driving on Twy L. Hold line Rwy 20 east side lctd across Rwy 34 150′ fm dep end. Hold line Rwy 20 west side lctd across Twy A and also serves as hold line for Rwy 16, signage indicates both rwys. ATC clnc rqrd for pushbacks from Gates A6, A8, A10, A12, A14, B5, B7, B9, B11, B13 onto Twy A. No Edge lgts on N/S section of Twy V—Reflectors only. The following areas are not visible from the twr: portions of the ACR apron, ANG acft prkg ramp. RIC has facility constraints that limits is ability to accommodate diverted flts and strongly encourages acft oprs to ctc arpt opns at 804–226–0001 for prior cdn of diverted flts, except in the case of a declared in–flight emerg. TPA—1201(1033) single engine, lgt acft, 1701(1533) all others. Ldg fee. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: 804-226-0001
WEATHER DATA SOURCES: ASOS (804) 223–6573 WSP.
COMMUNICATIONS: ATIS 119.15 **UNICOM** 122.95
RCO 122.4 (LEESBURG RADIO)
Ⓡ **POTOMAC APP/DEP CON** 126.4 (001°–185°) 126.75 (186°–360°) 118.2
TOWER 121.1 **GND CON** 121.9 **CLNC DEL** 127.55
AIRSPACE: CLASS C svc ctc **APP CON**.
RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.
(H) (H) VORTACW 114.1 RIC Chan 88 N37°30.14′ W77°19.22′ at fld. 158/9W.
TACAN AZIMUTH unusable:
060°–075° byd 10 NM blo 1,700′
340°–350° byd 9 NM
VOR unusable:
013°–023° byd 9 NM blo 2,000′
ILS 110.9 I–EZD Rwy 02. Class IE. Autopilot cpd apch NA blw 760′ MSL.
ILS 110.7 I–RGJ Rwy 16. Class IA.
ILS 110.7 I–BNE Rwy 34. Class IIIE.
COMM/NAV/WEATHER REMARKS: For airfield info or arpt opns call 804–226–0001.

RICHMOND/ASHLAND

HANOVER CO MUNI (OFP)(KOFP) 8 N UTC–5(–4DT) N37°42.54′ W77°26.20′ **WASHINGTON**
207 B TPA—1007(800) NOTAM FILE OFP **H–10H, 12I, L–34E, 36H**
RWY 16–34: H5402X100 (ASPH–GRVD) S–54, D–70, 2D–119 **IAP**
PCR 210 F/D/X/T HIRL
RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree.
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** ACTVT REIL
Rwys 16 & 34; PAPI Rwy 16 and 34; HIRL Rwy 16–34—CTAF.
NOISE: Noise sensitive area S of arpt.
AIRPORT REMARKS: Attended 1200–0000Z‡. Deer and birds on and invof arpt. For arpt svcs call 804–798–6500. Acft on apch to KRIC Rwy 16 xng ovr arpt. Rwy 34 preferred rwy with wind less than 5 kts.
AIRPORT MANAGER: 804-365-6208
WEATHER DATA SOURCES: ASOS 119.025 (804) 752–2902.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 126.4 (001°–185°) 126.75 (186°–360°) 118.2
CLNC DEL 125.4
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.
RICHMOND (H) (H) VORTACW 114.1 RIC Chan 88 N37°30.14′ W77°19.22′ 345° 13.6 NM to fld. 158/9W.
TACAN AZIMUTH unusable:
060°–075° byd 10 NM blo 1,700′
340°–350° byd 9 NM
VOR unusable:
013°–023° byd 9 NM blo 2,000′
LOC/DME 109.7 I–OFP Chan 34 Rwy 16. LOC unmonitored when arpt unatndd.

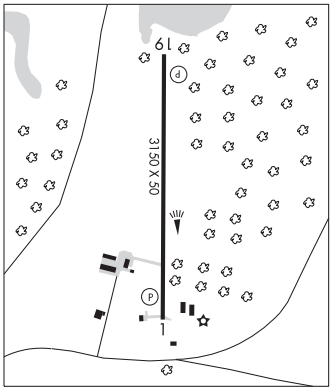


RICHMOND N37°30.14′ W77°19.22′ NOTAM FILE RIC. **WASHINGTON**
(H) (H) VORTACW 114.1 RIC Chan 88 at Richmond Intl. 158/9W. **H–10H, 12H, L–34E, 36H**
TACAN AZIMUTH unusable:
060°–075° byd 10 NM blo 1,700′
340°–350° byd 9 NM
VOR unusable:
013°–023° byd 9 NM blo 2,000′
RCO 122.4 (LEESBURG RADIO)

ROANOKE/BLACKSBURG RGNL (WOODRUM FLD) (ROA)(KROA) 3 NW UTC–5(–4DT) **CINCINNATI**
N37°19.53′ W79°58.53′ **H–10H, 12H, L–26I**
1175 B TPA—1975(800) Class I, ARFF Index B NOTAM FILE ROA **IAP, AD**
RWY 06–24: H6800X150 (ASPH–GRVD) S–150, D–200, 2S–175, 2D–310 PCR 530 F/B/X/T HIRL
RWY 06: MALSR. REIL. VASI(V4L)—GA 3.0° TCH 58′.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 58′. Thld dsplcd 790′.
RWY 16–34: H5810X150 (ASPH–GRVD) S–150, D–200, 2S–175, 2D–310 PCR 484 F/A/X/T HIRL 0.4% up NW
RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 56′. Tower.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–6800 TODA–6800 ASDA–6800 LDA–6800
RWY 16: TORA–5810 TODA–5810 ASDA–5810 LDA–5810
RWY 24: TORA–6800 TODA–6800 ASDA–6800 LDA–6010
RWY 34: TORA–5810 TODA–5810 ASDA–5810 LDA–5810
ARRESTING GEAR/SYSTEM
RWY 34: EMAS
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** Rwy 24 PAPI unusbl byd 5 degs R of cntrln due to trrn.
AIRPORT REMARKS: Attended continuously. Birds invof arpt. For opr concerns–ATCT 540–563–1307. Tkof and lndg per and rwy cond assessment matrix not mntd 0500–1030Z‡ hrs dly. Dep Rwy 34 and arr Rwy 16 NA at night or during IFR cond due to trrn. Twy T clsd to acft with wingspan greater than 118 ft. Cold temperature airport. Altitude correction required at or below –12C. Tsnt pilots ctc FBO UNICOM for prkg and escort.
AIRPORT MANAGER: 540-362-1999
WEATHER DATA SOURCES: ASOS (540) 216–0158 LLWAS.
COMMUNICATIONS: ATIS 132.375 **UNICOM** 122.95
Ⓡ **APP/DEP CON** 118.15 Rwy 16/34 (360°–150°) Rwy 06 (235°–074°) 133.225 Rwy 16/34 (151°–359°) Rwy 06 (075°–234°)
TOWER 118.3 **GND CON** 121.9 **CLNC DEL** 119.7
AIRSPACE: CLASS C svc ctc **APP CON** svc continuous.
RADIO AIDS TO NAVIGATION: NOTAM FILE ROA.
VINTON NDB (MHW) 277 VIT N37°12.24′ W79°52.90′ 336° 8.6 NM to fld. 1543/8W.
NDB unusable:
Byd 11 NM
LDA/DME 111.1 I–SZK Chan 48 Rwy 06. Glideslope AIMED parl to LOC course. DME unusable byd 30° left of course. LOC unusable wi 0.6 NM. ILS unusable blw 1,475′.
ILS 109.7 I–ROA Rwy 34. Class IB.

SALUDA

HUMMEL FLD (W75) 6 E UTC–5(–4DT) N37°36.22′ W76°26.79′ **WASHINGTON**
30 B NOTAM FILE DCA **L–34E, 36I**
RWY 01–19: H3150X50 (ASPH) S–12.5 MIRL **IAP**
RWY 01: PAPI(P2L)—GA 4.0° TCH 63′. Tree.
RWY 19: PAPI(P2L)—GA 4.0° TCH 26′. Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 01–19—CTAF. PAPI Rwy 01 and Rwy 19 ops consly.
AIRPORT REMARKS: Attended 1300–2100Z‡. Unattended Thanksgiving, Christmas Day and New Year′s Day. Topping is city closest to the arpt. Arpt is 2 miles ENE. Drainage swales full length of rwy on both sides. Use of exit in front of Hummel Aviation advised. Birds and deer on and invof of arpt during winter. Dep Rwy 01–19: Climb to 500 ft before any turn out; arr acft use wide pat to avoid populated areas east and west of arpt.
AIRPORT MANAGER: 804-758-4330
WEATHER DATA SOURCES: AWOS–3 118.45 (804) 758–8592.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **NORFOLK APP/DEP CON** 134.875
CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HARCUM (L) (L) VORTACW 108.8 HCM Chan 25 N37°26.92′ W76°42.68′ 061° 15.7 NM to fld. 8/7W.
VOR unusable:
056°–095° blo 2,000′
096°–112° byd 20 NM
174°
275°–300° blo 2,000′



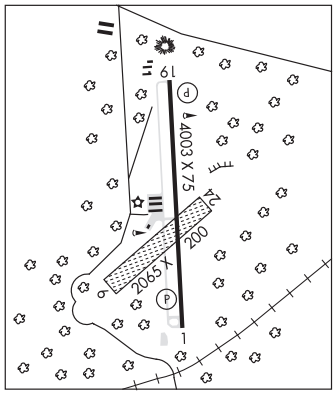
SHANNON (See FREDERICKSBURG on page 350)

SHENANDOAH VALLEY RGNL (See STAUNTON/WAYNESBORO/HARRISONBURG on page 381)

SMITH MOUNTAIN LAKE (See MONETA on page 363)

SOUTH BOSTON

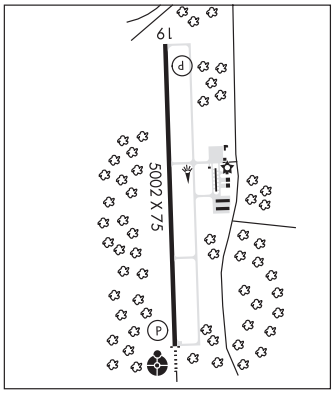
WILLIAM M TUCK (W78) 3 E UTC–5(–4DT) N36°42.56′ W78°50.90′ **WASHINGTON L–26J, 36G**
420 B TPA—1220(800) NOTAM FILE DCA **IAP**
RWY 01–19: H4003X75 (ASPH) S–12.5 MIRL 0.9% up N
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 59′. Trees.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 41′. Tree.
RWY 06–24: 2065X200 (TURF) 0.7% up NE
RWY 06: Trees.
RWY 24: Trees.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 01–19, REIL Rwy 01 and Rwy 19—CTAF. PAPI Rwy 01 and Rwy 19 opr continuously.
AIRPORT REMARKS: Unattended. Self–fueling with credit card. Wildlife on and invof rwys. Rwy 06 outlined with yellow cones. Rwy 24 outlines with yellow cones. Rwy 06–24 clsd to acft with airspeed 50 KT or more.
AIRPORT MANAGER: 434-476-3300
WEATHER DATA SOURCES: AWOS–3 119.425 (434) 575–0332.
COMMUNICATIONS: CTAF/UNICOM 122.8
WASHINGTON CENTER APP/DEP CON 124.05
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SOUTH BOSTON (L) (L) VORTACW 110.4 SBV Chan 41 N36°40.50′ W79°00.87′ 081° 8.3 NM to fld. 520/5W.



SOUTH BOSTON N36°40.50′ W79°00.87′ NOTAM FILE DCA. **WASHINGTON H–9C, L–26J, 36G**
(L) (L) VORTACW 110.4 SBV Chan 41 081° 8.3 NM to William M Tuck. 520/5W.

SOUTH HILL

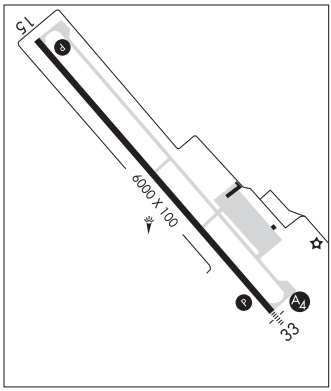
MECKLENBURG–BRUNSWICK RGNL (AVC)(KAVC) 4 SE UTC–5(–4DT) N36°41.30′ **WASHINGTON H–9C, 12H, L–36G**
W78°03.27′ **IAP**
441 B TPA—1841(1400) NOTAM FILE AVC
RWY 01–19: H5002X75 (ASPH) S–25 MIRL 1.3% up N
RWY 01: ODALS. REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 01–19, MIRL Rwy 01–19 preset low ints, for higher ints and to ACTIVATE ODALS—CTAF. Bcn dusk–dawn.
AIRPORT REMARKS: Attended 1300–2200Z‡. Arpt clsd on fed hols. Deer and birds on and invof arpt. 24 hr fuel avbl by credit card. Corporate hangar taxilane rstd to acft with wingspan no larger than 55′.
AIRPORT MANAGER: 434-774-8023
WEATHER DATA SOURCES: AWOS–3 127.525 (434) 729–2229.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**WASHINGTON CENTER APP/DEP CON** 118.75
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LAWRENCEVILLE (L) DME 112.9 LVL Chan 76 N36°49.08′ W77°54.18′ 223° 10.7 NM to fld. 350.
DME unusable:
Blw 3,000′
LOC/DME 110.5 I–AVC Chan 42 Rwy 01. Unmonitored when arpt unatndd.



STAFFORD

WASHINGTON EXEC/STAFFORD RGNL (RMN)(KRMN) 3 SW UTC–5(–4DT)
N38°23.95′ W77°27.40′
219 B NOTAM FILE RMN

WASHINGTON
H–10H, 12I, L–29E, 34E, 36I, A
IAP



RWY 15–33: H6000X100 (ASPH–GRVD) S–30, D–70, 2S–89 HIRL 0.8% up NW
RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 45′.
RWY 33: MALS. PAPI(P4L)—GA 3.0° TCH 47′. Trees.
SERVICE: S2 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTVT MALS Rwy 33; REIL Rwy 15; PAPI Rwy 15 and Rwy 33; HIRL Rwy 15–33—CTAF.
NOISE: Noise: In eff 24 hrs. VFR acft departing Rwy 33 fly rwy heading until baseball fields 1 NM then turn left.
AIRPORT REMARKS: Attended 1300–2300Z‡. Unatndd Thanksgiving, Christmas, & New Years days. Deer and flocks of birds on and invof arpt. Govt contr fuel. Fuel avbl until 2300Z‡; after hrs call 540–288–3838 within 12 hrs notice. Anti–icing fuel additive avbl.
AIRPORT MANAGER: 540-658-1212
WEATHER DATA SOURCES: AWOS–3PT 126.325 (540) 657–8283.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **QUANTICO APP/DEP CON** 127.05 (Mon and Fri 1300–2200Z‡ Tue, Wed and Thu 1300–0200Z‡, exc Sat, Sun and holidays, other times ctc
Ⓡ **POTOMAC APP/DEP CON** 128.525
CLEARANCE DELIVERY PHONE: GCO avbl on freq 135.075 serviced by Quantico and Potomac app. If una, for CD ctc Potomac Apch at 866-709-4993.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
BROOKE (L) (L) VORTACW 114.5 BRV Chan 92 N38°20.18′ W77°21.17′ 317° 6.2 NM to fld. 145/9W.
VOR unusable:
001°–360°
TACAN AZIMUTH unusable:
011°–060° byd 20 NM
061°–120°
121°–161° byd 17 NM
162°–238°
239°–249° byd 5 NM
250°–010°
SHANNON NDB (MHW) 237 EZF N38°15.98′ W77°27.03′ 008° 8.0 NM to fld. 83/10W. NOTAM FILE EZF. NDB unmonitored when arpt unatndd.
NDB unusable:
Byd 15 NM
ILS/DME 108.75 I–RMN Chan 24(Y) Rwy 33. Class IE.
COMM/NAV/WEATHER REMARKS: GCO avbl on freq 135.075 serviced by Quantico and Potomac App. If una, for CD ctc Potomac App at 866–709–4993.

STAUNTON/WAYNESBORO/HARRISONBURG

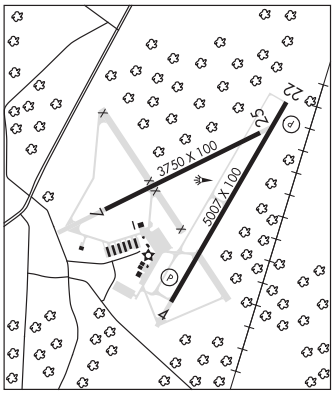
SHENANDOAH VALLEY RGNL (SHD)(KSHD) 10 NE UTC–5(–4DT) N38°15.83′ W78°53.79′ **WASHINGTON**
1201 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE SHD **H–10H, 12I, L–26J**
IAP, AD

RWY 05–23: H6002X150 (ASPH–GRVD) S–75, D–150, 2S–175, 2D–215 PCR 554 F/B/X/T HIRL 0.4% up NE
RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 56′. Pole.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 44′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–6002 TODA–6002 ASDA–6002 LDA–6002
RWY 23: TORA–6002 TODA–6002 ASDA–6002 LDA–6002
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTVT MALSR Rwy 05; REIL Rwy 23; HIRL Rwy 05–23 & twy lgts—CTAF. PAPI Rwy 05 and 23 oprs consly.
AIRPORT REMARKS: Attended continuously. PPR 12 hrs for unsked air carrier ops with more than 30 passenger seats call 540–234–8304. TPA 2001(800) piston acft, 2701(1500) jet/turbo acft.
AIRPORT MANAGER: 540-234-8304
WEATHER DATA SOURCES: AWOS–3 124.925 (540) 234–0110.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **POTOMAC APP/DEP CON** 132.85
CLNC DEL 118.35
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
MONTEBELLO (VL) (L) VORW/DME 115.3 MOL Chan 100 N37°54.03′ W79°06.41′ 030° 23.9 NM to fld. 3455/5W.
DME unusable:
158°–168° byd 30 NM blo 6,000′
STAUT NDB (LOMW) 375 SH N38°12.11′ W78°57.44′ 047° 4.7 NM to fld. 1240/9W. NOTAM FILE SHD.
ILS 109.5 I–SHD Rwy 05. Class IT. LOM STAUT NDB. Autopilot cpd apch NA blw 1,600′ MSL. Unmonitored when FBO clsd.

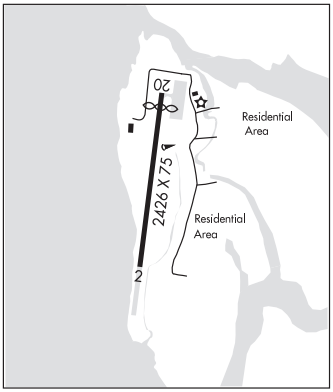
STAUT N38°12.11′ W78°57.44′ NOTAM FILE SHD. **CINCINNATI**
NDB (LOMW) 375 SH 047° 4.7 NM to Shenandoah Valley Rgnl. 1240/9W.

SUFFOLK EXEC (SFQ)(KSFQ) 3 SW UTC–5(–4DT) N36°40.97′ W76°35.98′ **WASHINGTON**
70 B NOTAM FILE SFQ **H–10I, 12I, L–35D, 36H**
IAP

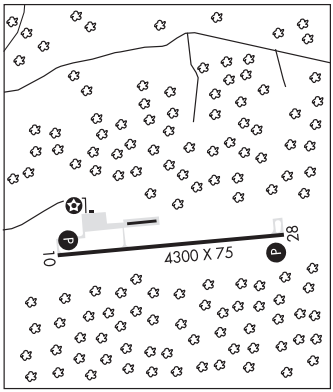
RWY 04–22: H5007X100 (ASPH) S–30, D–60, 2D–60 HIRL
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 39′. Tree. Rgt tfc.
RWY 22: REIL. PAPI(P4L)—GA 3.5° TCH 45′. Trees.
RWY 07–25: H3750X100 (ASPH) S–30, D–50, 2D–85
RWY 07: Tree.
RWY 25: Trees. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A, MOGAS **LGT** ACTVT REIL Rwy 04 and Rwy 22; HIRL Rwy 04–22—CTAF.
AIRPORT REMARKS: Attended 1300–2200Z‡. Parachute Jumping. Deer on and invof arpt. Parachute activity on and invof arpt. Rwy 07 rwy end arrow heads painted white instead of designed aviation yellow. Rwy 07 markings faded and poor condition. Rwy 25 markings in poor condition.
AIRPORT MANAGER: 757-514-4411
WEATHER DATA SOURCES: AWOS–3 119.375 (757) 934–3942.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **NORFOLK APP/DEP CON** 127.9
CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.
RADIO AIDS TO NAVIGATION: NOTAM FILE RDU.
COFIELD (L) TACAN Chan 93 CVI (114.6) N36°22.37′ W76°52.29′ 044° 22.8 NM to fld. 65/9W.
TACAN AZIMUTH unusable:
120°–180° byd 25 NM
180°–120° byd 25 NM blo 3,000′
LOC/DME 109.95 I–RKH Chan 36(Y) Rwy 04.



TANGIER ISLAND (TGI)(KTGI) 1 W UTC–5(–4DT) N37°49.55′ W75°59.86′ **WASHINGTON**
5 B TPA—See Remarks NOTAM FILE DCA **L–34E, 36I**
RWY 02–20: H2426X75 (ASPH) S–12.5 **IAP**
RWY 02: Tree. Rgt tfc.
RWY 20: Thld dsplcd 183′. Road.
SERVICE: **LGT** Arpt bcn OTS indef.
AIRPORT REMARKS: Attended Apr–Oct Sat–Sun 1300–2130Z‡. Arpt closed SS–SR daily. Arpt unmonitored & unattended. Be alert: rstd area one mi west of arpt; hi–speed acft drop bombs & fire live ammunition in area. PAEW adjacent to all rwys, twys & ramps. TPA—605(600) lgt acft, 1505(1500) hvy acft. Rwy end 02: prev rwy nrs vsb on former rwy pavement. Chevrons on former rwy pavement poor. Rwy centerline poor. Rwy end 20: twy lead–in lines poor. Rwy centerline poor. Landing/parking fee to help pay for rwy rehab. Ldg fee.
AIRPORT MANAGER: 757-891-2496
WEATHER DATA SOURCES: AWOS–3PT 119.8 (757) 891–2496.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PATUXENT APP/DEP CON** 121.0 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other times ctc
Ⓡ **POTOMAC APP/DEP CON** 127.2
CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
CAPE CHARLES (L) TACAN Chan 59 CCV (112.2) N37°20.85′ W75°59.86′ 010° 28.7 NM to fld. 10/10W.
TACAN AZIMUTH unusable:
005°–015° byd 20 NM blo 4,000′
DME unusable:
005°–015° byd 20 NM blo 4,000′



TAPPAHANNOCK/ESSEX CO (XSA)(KXSA) 5 S UTC–5(–4DT) N37°51.58′ W76°53.65′ **WASHINGTON**
135 B NOTAM FILE XSA **L–34E, 36I**
RWY 10–28: H4300X75 (ASPH) S–12.5 MIRL **IAP**
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 10–28 and PAPI Rwy 10 and Rwy 28 and rotating bcn—CTAF.
AIRPORT REMARKS: Attended Nov–Feb 1300–2300Z‡. Mar–Oct 1400–0000Z‡. Deer and other wildlife on and invof arpt.
AIRPORT MANAGER: 804-443-5885
WEATHER DATA SOURCES: AWOS–3 125.775 (804) 445–8724.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **POTOMAC APP/DEP CON** 126.4
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.
RICHMOND (H) (H) VORTACW 114.1 RIC Chan 88 N37°30.14′ W77°19.22′ 052° 29.5 NM to fld. 158/9W.
TACAN AZIMUTH unusable:
060°–075° byd 10 NM blo 1,700′
340°–350° byd 9 NM
VOR unusable:
013°–023° byd 9 NM blo 2,000′



TAZEWELL CO (See RICHLANDS on page 374)

TECH N37°12.52′ W80°24.21′ NOTAM FILE BCB. **CINCINNATI**
NDB (MHW) 368 TEC at Virginia Tech/Montgomery Exec. 2124/8W. **L–26I**

TRI CITIES EXEC/DINWIDDIE CO (See PETERSBURG on page 372)

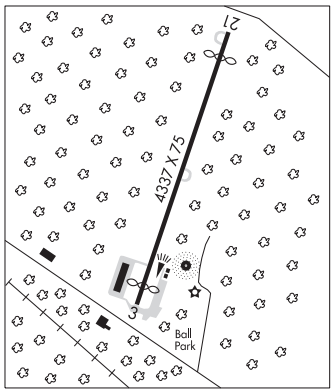
TWIN CO (See GALAX HILLSVILLE on page 352)

VINTON N37°12.24′ W79°52.90′ NOTAM FILE ROA. **CINCINNATI**
NDB (MHW) 277 VIT 336° 8.6 NM to Roanoke/Blacksburg Rgnl (Woodrum Fld). 1543/8W. **L–26J**
NDB unusable:
Byd 11 NM

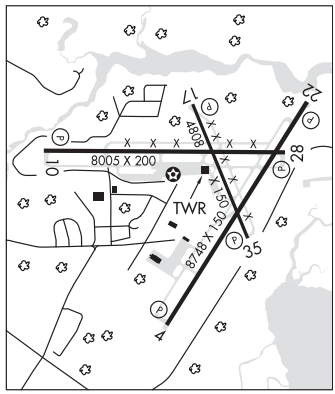
VIRGINIA HIGHLANDS (See ABINGDON on page 336)

VIRGINIA TECH/MONTGOMERY EXEC (See BLACKSBURG on page 338)

WAKEFIELD MUNI (AKQ)(KAKQ) 2 NW UTC–5(–4DT) N36°59.23′ W77°00.07′ **WASHINGTON**
111 B NOTAM FILE AKQ **L–36H**
RWY 03–21: H4337X75 (ASPH) S–12.5 MIRL **IAP**
RWY 03: Thld dsplcd 298′. Trees.
RWY 21: Thld dsplcd 471′. Trees.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Attended irregularly. 100LL: 24 hr self svc fuel. Rwy 03–21 mrkgs cvrd with algae.
AIRPORT MANAGER: 757-899-0096
WEATHER DATA SOURCES: ASOS 128.325 (757) 684–3011.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NORFOLK APP/DEP CON** 127.9
CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HOPEWELL (VL) (H) VORTACW 114.35 HPW Chan 90(Y)
N37°19.73′ W77°06.96′ 171° 21.2 NM to fld. 70/6W.
VOR unusable:
052°–060° byd 40 NM
100°–105° byd 40 NM
150°–160° byd 40 NM
205°–220° blo 4,500′
225°–242° byd 30 NM blo 6,000′
295°–305° byd 40 NM
330°–345° byd 40 NM
NDB (MHW) 274 AKQ N36°58.97′ W77°00.06′ at fld. 105/11W. NOTAM FILE AKQ. NDB unmonitored.
NDB unusable:
Byd 10 NM



WALLOPS FLIGHT FACILITY (WAL)(KWAL) NASA 5 S UTC–5(–4DT) N37°56.41′ W75°27.98′ **WASHINGTON**
40 B NOTAM FILE WAL Not insp. **H–10I, 12I, L–36I**
RWY 04–22: H8748X150 (ASPH–CONC) S–57, D–115, 2D–225 HIRL **IAP, AD**
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 57′.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 60′.
RWY 10–28: H8005X200 (ASPH–CONC) S–57, D–115, 2D–225 HIRL
RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 69′.
RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 61′.
RWY 17–35: H4808X150 (ASPH) S–15, D–40, 2D–75 HIRL
RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 63′.
RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 59′.
ARRESTING GEAR/SYSTEM
HOOK E28(B) (1500 FT). **RWY 22**
SERVICE: **FUEL** JET A **MILITARY— LGT** ACTIVATE–Rwy lgt and Rot Bcn–CTAF. **FUEL** A+ **A–GEAR** E–28 arresting gear 1500 ft fm the north end of Rwy 22 is rigged/in battery.
MILITARY REMARKS: Rwy 17–35 CLOSED when twr clsd. Deer and birds on and invof arpt. Touch and go ldgs not authorized when ATCT clsd. PPR 24 hr PN to ldg, phone 757–824–1688. When twr clsd, 126.5 CTAF only. Expect no resp or advisory svcs. Mil turboprop training daily until 0400Z‡. Extensive research test development in progress. Numerous radar facilities at arpt with possible radio frequency haz to ordnance.
AIRPORT MANAGER: 757-824-2325
WEATHER DATA SOURCES: ASOS 119.175 (757) 791–3785.
COMMUNICATIONS: CTAF 126.5 **ATIS** 119.175 (757) 824–0820
Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200–0400Z‡ Mon–Sun. Other times by NOTAM) other times ctc
Ⓡ **POTOMAC APP/DEP CON** 127.2
TOWER 126.5 (1200–2200Z‡ Mon–Fri exc fed hol and by NOTAM.) **GND CON** 127.875 **CLNC DEL** 121.7 **NFO SVC** 126.5 (2230–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.



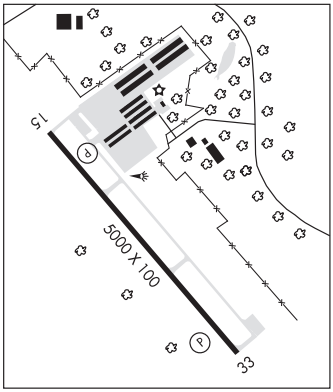
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AIRSPACE: CLASS D svc 1200–2200Z‡ Mon–Fri exc fed hol and by NOTAM; other times CLASS E..
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SNOW HILL (L) DME 112.4 SWL Chan 71 N38°03.40´ W75°27.83´ 181° 7.0 NM to fld. 34.
DME unusable:
032°–052°
073°–093°
COMM/NAV/WEATHER REMARKS: Communication on CTAF required.

WALTRIP WILLIAMSBURG EXEC AIRPORT (See WILLIAMSBURG on page 386)

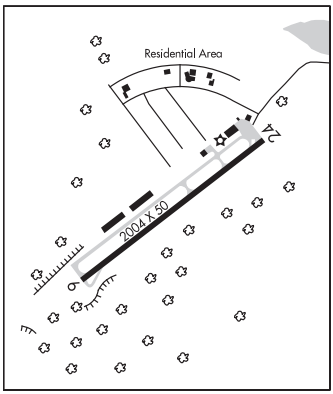
WARRENTON/FAUQUIER (HWY)(KHWY) 12 SE UTC–5(–4DT) N38°35.18´ W77°42.64´ **WASHINGTON**
H–10H, 12I, L–29E, 34E, 36I, A
IAP
336 B NOTAM FILE HWY
RWY 15–33: H5000X100 (ASPH–GRVD) S–15, D–70 HIRL
0.5% up SE
RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 40´. Tree.
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 43´. Tree.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT HIRL Rwy 15–33—CTAF.
NOISE: Noise abatement procs in efct over town of Midland; ctc AMGR.
AIRPORT REMARKS: Attended 1300Z‡–dark. Parachute jumping. Skydiver activity 5 NM NW of arpt. Ultralight activity on and invof arpt. Aerobatic activity adjacent to west side of Rwy 15–33. Aerobatic demo area within 2 NM south of arpt 3500 ft & blw; 1500–0300Z‡; May–Oct. Rwy 15 pref calm wind rwy.
AIRPORT MANAGER: 540-422-8284
WEATHER DATA SOURCES: AWOS–3PT 120.350 (540) 788–4078.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 128.525
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
CASANOVA (H) (H) VORTACW 116.3 CSN Chan 110 N38°38.47´ W77°51.93´ 120° 8.0 NM to fld. 442/6W.
VOR unusable:
310°–350° byd 10 NM blo 11,000´
TACAN AZIMUTH unusable:
310°–350° byd 10 NM blo 11,000´
DME unusable:
310°–350° byd 10 NM blo 11,000´
LOC/DME 109.75 I–HWY Chan 34(Y) Rwy 15. LOC unusable byd 20° left of course.



WASHINGTON EXEC/STAFFORD RGNL (See STAFFORD on page 380)

WAYNESBORO

EAGLE'S NEST (W13) 3 W UTC–5(–4DT) N38°04.62´ W78°56.67´ **WASHINGTON**
L–26J
IAP
1436 B NOTAM FILE DCA
RWY 06–24: H2004X50 (ASPH) MIRL 0.3% up SW
RWY 06: Tree.
RWY 24: Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡, Sun 1500–2100Z‡, Sat 1400–2100Z‡. Deer on and invof arpt. No repetitive practice take–offs and ldgs after 0100Z‡. No grass landings or takeoffs either side of Rwy 06–24.
AIRPORT MANAGER: 540-943-4447
WEATHER DATA SOURCES: AWOS–3PT 118.625 (540) 941–7570.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **POTOMAC APP/DEP CON** 132.85
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.



WEIRWOOD

CAMPBELL FLD (9VG) 1 W UTC–5(–4DT) N37°27.51′ W75°52.73′ **WASHINGTON**

40 NOTAM FILE DCA

RWY 03–21: 3000X100 (TURF)

RWY 03: P–line.

RWY 21: Road.

RWY 14–32: 1455X140 (TURF)

RWY 14: Road.

RWY 32: Trees.

AIRPORT REMARKS: Attended Mar–Nov dalgt hours. Be alert: 60′ P–lines located 300′ southwest off the AER 03.

AIRPORT MANAGER: 914-772-6242

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.

WEST POINT

MIDDLE PENINSULA RGNL (FYJ)(KFYJ) 2 SE UTC–5(–4DT) N37°31.28′ W76°45.77′ **WASHINGTON**

H–10H, 12I, L–34E, 36H

IAP

20 B TPA—See Remarks NOTAM FILE FYJ

RWY 10–28: H5000X75 (ASPH) S–30, D–50, 2D–85 MIRL

RWY 10: REIL. PAPI(P2L)—GA 3.5° TCH 53′. Tree.

RWY 28: REIL. PAPI(P2L)—GA 3.5° TCH 53′. Trees.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** REIL Rwy 10 and Rwy 28, MIRL Rwy 10–28 opr SS–SR. Drg dalgt hrs, PCL avbl upon req, ctc amgr. ACTVT REIL Rwy 10 and Rwy 28, MIRL Rwy 10–28—CTAF.

AIRPORT REMARKS: Attended 1300–2200Z‡. Full and self–serve fuel avbl. Parachute Jumping weekends only. Deer on and invof arpt. TPA—820(800) light acft, 1520(1500) heavy acft. Rotor–wing and tiltrotor acft fly tfc pats south of Rwy 10–28 at 800′ AGL or abv. Rwy 10 non–std marking placement.

AIRPORT MANAGER: 804-785-9725

WEATHER DATA SOURCES: AWOS–3 132.825 (804) 785–2307.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **POTOMAC APP/DEP CON** 126.75

CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) (L) VORTACW 108.8 HCM Chan 25 N37°26.92′ W76°42.68′ 338° 5.0 NM to fld. 8/7W.

VOR unusable:

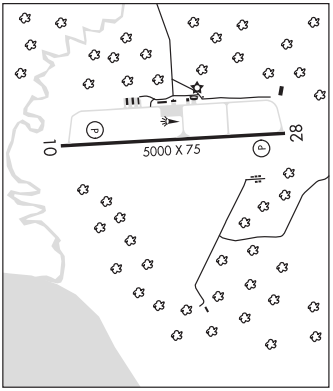
056°–095° blo 2,000′

096°–112° byd 20 NM

174°

275°–300° blo 2,000′

LOC/DME 109.55 I–FYJ Chan 32(Y) Rwy 10.



WILLIAM M TUCK (See SOUTH BOSTON on page 379)

WILLIAMSBURG

WALTRIP WILLIAMSBURG EXEC AIRPORT (JGG)(KJGG) 3 SW UTC–5(–4DT) N37°14.35′ W76°42.97′ **WASHINGTON L–34E, 36H IAP**

49 B TPA—849(800) NOTAM FILE JGG

RWY 13–31: H3204X60 (ASPH) S–12.5 MIRL 0.8% up NW

RWY 13: REIL. Tree. Rgt tfc.

RWY 31: REIL. Tree.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 13 and 31; MIRL Rwy 13–31; perimeter lgts Rwy H1—CTAF.

NOISE: Noise abatement procedures in effect, ctc arpt manager 757–229–9256. Rwy 31 dep turn left heading 270° to avoid school 3500 ft off rwy end.

AIRPORT REMARKS: Attended Nov–Feb 1300–23000Z‡, Mar–Oct 1300–0000Z‡. Arpt unattended Christmas Day–attended by req. Deer and birds on and invof arpt. PAEW adjacent to Rwy 13–31. Rwy 13–31 nmrs cracks in rwy pavement. PCI value of 45.

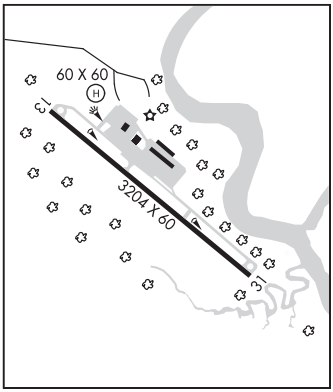
AIRPORT MANAGER: 757-229-9256

WEATHER DATA SOURCES: AWOS–3 120.625 (757) 220–8810.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NORFOLK APP/DEP CON** 119.45

CLEARANCE DELIVERY PHONE: GCO avbl on freq 135.075 thru Norfolk CD, 4 clicks Norfolk, 5 leesburg radio (click slowly). If un, for CD ctc Norfolk Apch at 757-464-0757.



RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) (L) VORTACW 108.8 HCM Chan 25 N37°26.92′ W76°42.68′ 188° 12.6 NM to fld. 8/7W.

VOR unusable:

056°–095° blo 2,000′

096°–112° byd 20 NM

174°

275°–300° blo 2,000′

HELIPAD H1: H60X60 (CONC)

HELIPORT REMARKS: Helipad CLOSED ctc 122.8 for ldg instructions. Helipad H1 perimeter lgts.

WINCHESTER RGNL (OKV)(KOKV) 3 SE UTC–5(–4DT) N39°08.61′ W78°08.67′ **WASHINGTON H–10H, 12I, L–29D, A IAP**

726 B TPA—See Remarks NOTAM FILE OKV

RWY 14–32: H5498X100 (ASPH–GRVD) S–75, D–150 HIRL 0.5% up NW

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Tree.

RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 45′. Tree.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 32; REIL Rwy 14; HIRL Rwy 14–32—CTAF.

AIRPORT REMARKS: Attended 1100–0300Z‡. Callout svc avbl, fees may apply. Deer on and invof arpt. Taxi on pavement only. Med–Flight: irreg dep pat. TPA 2706 (1980) turboprop and jet acft, all other acft TPA 1706 (980). Flight Notification Service (ADCUS) available. ADCUS avbl 24 hours minimum advance notice required call 804–661–3660 Mon–Fri, after hours and weekends call 703–661–3632.

AIRPORT MANAGER: 540-662-5786

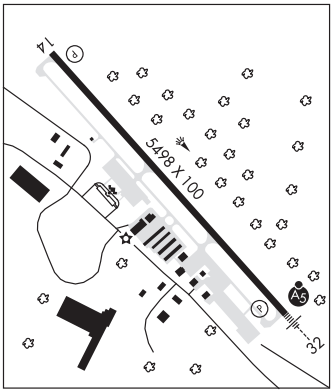
WEATHER DATA SOURCES: AWOS–3PT 124.85 (540) 662–6970.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **POTOMAC APP/DEP CON** 120.45

CLNC DEL 126.15

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.



RADIO AIDS TO NAVIGATION: NOTAM FILE MRB.

MARTINSBURG (L) (L) VORTACW 112.1 MRB Chan 58 N39°23.13′ W77°50.90′ 231° 20.0 NM to fld. 600/7W.

VOR unusable:

020°–030° byd 15 NM blo 6,900′

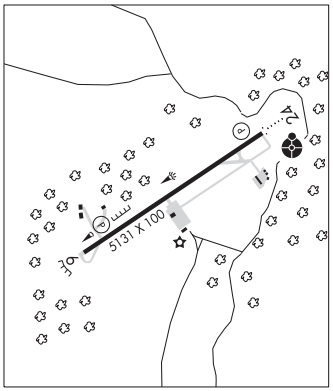
127°–146° byd 15 NM

290°–310° byd 35 NM blo 5,400′

ILS/DME 109.55 I–TZX Chan 32(Y) Rwy 32. Class IA. LOC/DME unmonitored.

WISE

LONESOME PINE (LNP)(KLNP) 3 NE UTC–5(–4DT) N36°59.26′ W82°31.79′ **CINCINNATI**
2685 B NOTAM FILE LNP **H–9B, 12H, L–26H**
RWY 06–24: H5131X100 (ASPH) S–42, D–55, 2D–100 MIRL **IAP**
0.3% up NE
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 32′. Trees.
RWY 24: ODALS. PAPI(P4R)—GA 3.0° TCH 32′. Tree.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTVT ODALS Rwy 24; REIL Rwy 06; MIRL Rwy 06–24—CTAF. Rwy 24 nstd ODALS; 3 lgt confign.
AIRPORT REMARKS: Attended Mon–Sat 1400–2300Z‡, unattended Sun. Wildlife on invof arpt. Aft hrs ctc 276–870–7490 or 276–345–7289.
AIRPORT MANAGER: 276-328-5300
WEATHER DATA SOURCES: AWOS–3 118.6 (276) 328–3727.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 126.575
CLEARANCE DELIVERY PHONE: For CD ctc Indianapolis ARTCC at 317-247-2411.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GLADE SPRING (L) (L) VORW/DME 115.55 GZG Chan 102(Y)
N36°49.51′ W82°04.74′ 296° 23.8 NM to fld. 4200/2W.
VOR unusable:
010°–095°
115°–120° byd 20 NM blo 10,000′
351°–004° byd 15 NM blo 8,000′
ILS/DME 110.7 I–OWN Chan 44 Rwy 24. LOC/DME unmonitored when arpt unatndd.



ARTHURDALE

TITUS FLD (7ØD) 2 W UTC–5(–4DT) N39º29.93´ W79º51.19´ **CINCINNATI**

1863 NOTAM FILE EKN

RWY 09–27: 2400X50 (TURF) 1.0% up W

RWY 09: Trees.

RWY 27: Tree.

AIRPORT REMARKS: Unattended. Deer on and invof rwy. Ultralights prohibited. 25´ trees along edge of rwy. Rwy 27 has 8´ dropoff 25´ from thld. Rwy 09–27 potentially hazardous sfc variation in rwy safety area. Rwy 09–27 sfc rough, soft when wet.

AIRPORT MANAGER: 304-864-6996

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.

BECKLEY

RALEIGH CO MEML (BKW)(KBKW) 3 E UTC–5(–4DT) N37º47.24´ W81º07.45´ **CINCINNATI**

2504 B ARFF Index—See Remarks NOTAM FILE BKW **H–10G, 12H, L–26I**

RWY 01–19: H6750X150 (ASPH–GRVD) S–75, D–150, 2S–140, 2D–200 PCR 740 F/B/X/T HIRL 0.7% up S **IAP**

RWY 01: REIL. PAPI(P4L)—GA 3.0º TCH 40´.

RWY 19: MALSR. PAPI(P4L)—GA 3.0º TCH 55´.

RWY 10–28: H5001X100 (ASPH) S–45, D–60 PCR 160 F/B/X/T MIRL 0.3% up E

RWY 10: REIL. VASI(V4R)—GA 3.0º TCH 61´.

RWY 28: REIL. VASI(V4L)—GA 3.75º TCH 66´.

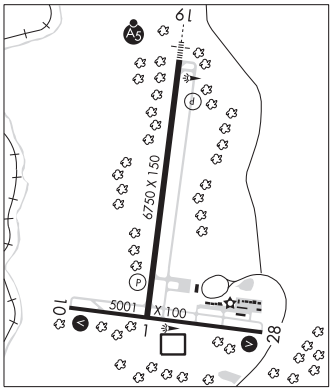
RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA–6750 TODA–6750 ASDA–6750 LDA–6750

RWY 10: TORA–5001 TODA–5001 ASDA–5001 LDA–5001

RWY 19: TORA–6750 TODA–6750 ASDA–6750 LDA–6750

RWY 28: TORA–5001 TODA–5001 ASDA–5001 LDA–5001



SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 19; REIL Rwy 01, 10, and 28; VASI Rwy 10 and 28; MIRL Rwy 10–28; HIRL Rwy 01–19; twy lgts—CTAF. PAPI Rwy 01 and 19 set at medium, ctc UNICOM to change intst.

AIRPORT REMARKS: Attended continuously. Deer, birds and wild turkeys on and invof arpt. All sfcs work in prog, grass cutting Apr thru Oct. Class I, ARFF Index B. PPR 24 hrs for unsked ACR opns with more than 30 psgr seats; call amgr 304–255–0476. Index B coverage is prvdd.

AIRPORT MANAGER: 304-255-0476

WEATHER DATA SOURCES: ASOS 121.55 (304) 362–0292.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **CHARLESTON APP/DEP CON** 125.4

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (DH) DME 117.7 BKW Chan 124 N37º46.82´ W81º07.41´ at fld. 2517.

DME unusable:

080º–215º byd 15 NM

ILS 111.7 I–MQU Rwy 19. Class IB.

BECKLEY N37º46.82´ W81º07.41´ NOTAM FILE BKW. **CINCINNATI**

(DH) DME 117.7 BKW Chan 124 at Raleigh Co Meml. 2517. **H–10G, 12H, L–26I**

DME unusable:

080º–215º byd 15 NM

BERKELEY SPRINGS

POTOMAC AIRPARK (W35) 4 N UTC–5(–4DT) N39°41.56′ W78°09.97′ **WASHINGTON L–29D, A IAP**

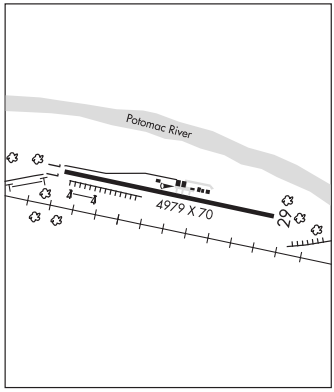
413 NOTAM FILE EKN

RWY 11–29: H4979X70 (ASPH) MIRL

RWY 11: Trees.

RWY 29: Trees. Rgt tfc.

AIRPORT REMARKS: Attended irregularly. Arpt clsd ngts. Arpt entrance gate locked, no public access to arpt. 1/2 mile from acft pkg. Birds and wildlife invof arpt. No terminal, no facilities. Unmanned acft 1,000′/blo 1 NM radius of arpt. Remote controlled model acft opr on arpt. No acft over 18,500 lbs. Rwy 11–29 pavement spalling, cracks, uneven sfc. Loose aggregate and stones. Vegetation growing through pavement. Drag racing on rwy. Extensive rubber build up on Rwy 29 pavement end. Rwy 29 end, possibility of 12 ft grandstand on each side of rwy, 13 ft from rwy edge. Two 4 ft holes adj to rwy, apx midfield, south edge. Rwy 11 no mkgs. Rwy 11 apch end, 10 ft drop off, 30 ft from pavement end. Rwy 29 15 ft drop off, 30 ft fm rwy end. 8 ft crops, 50–80 ft R/L rwy cl.



AIRPORT MANAGER: 301-842-3700

COMMUNICATIONS: CTAF 122.9

Ⓡ **POTOMAC APP/DEP CON** 126.825

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE HGR.

HAGERSTOWN (L) VORW 109.8 HGR N39°41.86′ W77°51.34′ 276° 14.4 NM to fld. 563/7W.

VOR unusable:

251°–280° byd 16 NM blo 4,000′

281°–300° byd 24 NM blo 8,000′

351°–050°

ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99′ W77°57.06′ 222° 17.5 NM to fld. 2338/7W. NOTAM FILE AOO.

BLUEFIELD

MERCER CO (BLF)(KBLF) 3 NE UTC–5(–4DT) N37°17.76′ W81°12.45′ **CINCINNATI L–26I IAP**

2857 B NOTAM FILE BLF

RWY 05–23: H4743X100 (ASPH–GRVD) S–30, D–48 HIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 65′. Trees.

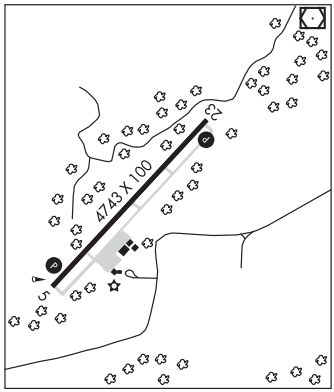
RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA–4743 TODA–4743 ASDA–4743 LDA–4743

RWY 23: TORA–4743 TODA–4743 ASDA–4743 LDA–4743

SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTVT REIL Rwy 05 & 23; PAPI Rwy 05 & 23; HIRL Rwy 05–23; twy lights—CTAF.

AIRPORT REMARKS: Attended 1100–0200Z‡. Arpt unattended Christmas and New Years. For svcs call 304–921–3417 (line staff cell). Deer and birds on and invof arpt. 24 hr self–serve fuel. Fuel also avbl by truck drg atnd hrs or aftr hrs by prior argmnt, $75 call–out fee. Line ofc ph 304–327–8440. Pwr plant repairs: rotary wing repairs only. Fixed wing rprs avbl on call, ctc amgr. Airframe repairs: rotary wing repairs only. Fixed wing rprs avbl on call, ctc amgr. Mowing in progress Apr–Nov all sfcs. Rwy 23 has steep drop–off 320 ft fm thr 0B, 280 ft L and R. Rwy 05 has steep drop–off 175 ft fm thr L side.



AIRPORT MANAGER: 304-327-5308

WEATHER DATA SOURCES: ASOS 132.725 (304) 327–5766.

COMMUNICATIONS: CTAF 122.9

Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 126.575

CLEARANCE DELIVERY PHONE: For CD ctc Indianapolis ARTCC at 317-247-2411.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS E svc 1025–0225Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BLF.
BLUEFIELD (VL) (L) VORW/DME 115.05 BLF Chan 97(Y) N37°18.39′ W81°11.66′ at fld. 2900/3W.
DME unusable:
090°–120° byd 20 NM
120°–220° byd 20 NM blo 10,000′
235°–245° byd 57 NM blo 9,900′
VOR unusable:
022°–032° byd 40 NM blo 6,500′
022°–032° byd 49 NM
033°–067° byd 40 NM
068°–078° byd 40 NM blo 6,000′
068°–078° byd 50 NM
079°–234° byd 40 NM
235°–245° byd 57 NM blo 9,900′
246°–248° byd 40 NM
275°–282° byd 40 NM
283°–293° byd 40 NM blo 10,000′
283°–293° byd 86 NM
294°–021° byd 40 NM
ILS 109.5 I–BLF Rwy 23. Class IA. Autopilot cpd apch NA blw 3,600′ MSL.

BLUEFIELD N37°18.39′ W81°11.66′ NOTAM FILE BLF. **CINCINNATI**
(VL) (L) VORW/DME 115.05 BLF Chan 97(Y) at Mercer Co. 2900/3W. **L–26I**
DME unusable:
090°–120° byd 20 NM
120°–220° byd 20 NM blo 10,000′
235°–245° byd 57 NM blo 9,900′
VOR unusable:
022°–032° byd 40 NM blo 6,500′
022°–032° byd 49 NM
033°–067° byd 40 NM
068°–078° byd 40 NM blo 6,000′
068°–078° byd 50 NM
079°–234° byd 40 NM
235°–245° byd 57 NM blo 9,900′
246°–248° byd 40 NM
275°–282° byd 40 NM
283°–293° byd 40 NM blo 10,000′
283°–293° byd 86 NM
294°–021° byd 40 NM

BOGGS FLD (See SPENCER on page 405)

BRAXTON CO (See SUTTON on page 406)

BUCKHANNON

UPSHUR CO RGNL (W22) 2 W UTC–5(–4DT) N39°00.04′ W80°16.50′ — CINCINNATI
1635 B NOTAM FILE EKN — L–29C
RWY 11–29: H4201X75 (ASPH) S–12.5, D–30 MIRL — IAP
RWY 11: Trees.
RWY 29: PAPI(P2L)—GA 3.0° TCH 27′. Trees.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT PAPI Rwy 29; MIRL Rwy 11–29 and twy lgts—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1200–2200Z‡, Sat 1200–1700Z‡. Unattended major hol, after hrs atndt on call 304–516–1920. Deer on and invof arpt. 100LL 24 hr self serv. Full serv drg atnd hrs. Aftr hrs on call. Jet A 24 hr self svc. Full svc drg atnd hrs. Aftr hrs on call.
AIRPORT MANAGER: 304-472-9437
WEATHER DATA SOURCES: AWOS–3 119.975 (304) 472–9428.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
Ⓡ**WASHINGTON CENTER APP/DEP CON** 128.6 (0400–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Washington center at 703-771-3479.
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
ELKINS (VL) (L) VORTACW 114.2 EKN Chan 89 N38°54.87′ W80°05.96′ 309° 9.7 NM to fld. 2160/7W.
TACAN AZIMUTH unusable:
081°–148° byd 32 NM blo 9,000′
149°–193°
273°–039° byd 12 NM blo 6,000′
DME unusable:
081°–148° byd 32 NM blo 9,000′
149°–193°
273°–039° byd 12 NM blo 6,000′
335°–357° byd 12 NM blo 5,000′
335°–357° byd 27 NM blo 6,000′
VOR unusable:
045°–100° byd 40 NM
195°–210° byd 40 NM blo 8,000′
195°–210° byd 57 NM
211°–225° byd 40 NM

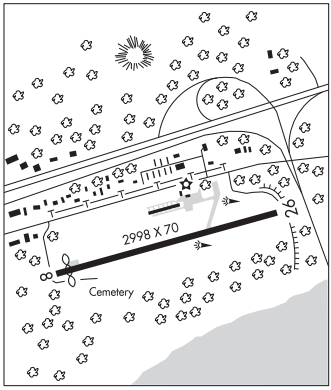
BUSHI N37°46.94′ W80°28.11′ NOTAM FILE LWB. — CINCINNATI
NDB (MHW/LOM) 346 LW 044° 5.6 NM to Greenbrier Valley. 2162/8W. — L–26I
NDB unusable:
Byd 15 NM

CHARLESTON

WEST VIRGINIA INTL YEAGER (CRW)(KCRW) P (ANG) 3 E UTC–5(–4DT) N38°22.56´ W81°35.57´ **CINCINNATI H–10G, 12H, L–26H IAP, AD**
947 B LRA Class I, ARFF Index B NOTAM FILE CRW MON Airport
RWY 05–23: H6715X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–389, 2D/2D2–917
PCR 950 F/D/X/T HIRL CL 0.8% up SW
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 56´. RVR–TR Pole.
RWY 23: ALSF1. VASI(V4R)—GA 3.0° TCH 56´. RVR–TR Thld dsplcd 500´. Pole.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–6715 TODA–6715 ASDA–6215 LDA–6215
RWY 23: TORA–6715 TODA–6715 ASDA–6715 LDA–6215
ARRESTING GEAR/SYSTEM
RWY 23: EMAS
SERVICE: S4 **FUEL** 100LL, JET A **MILITARY— A–GEAR** Rwy 23 EMAS 328´ x 170´. **JASU** 6(MD–3) 1(MA–1A) **FUEL** A++ (Mil), A+ (C304–343–8818) (NC–100LL) **FLUID** LOX **OIL** O–156(Mil)
AIRPORT REMARKS: Attended continuously. Fuel svc ctc 304–346–9977. Birds and deer on and invof arpt. Rwy 23 mil assault ldg zone and precision instrument markings. Ldg fee not applicable to based acft. Flight Notification Service (ADCUS) available.
AIRPORT MANAGER: 304-344-8033
WEATHER DATA SOURCES: ASOS (304) 202–1064 LLWAS.
COMMUNICATIONS: ATIS 127.6 **UNICOM** 122.95
Ⓡ **CHARLESTON APP/DEP CON** 119.2 (South) 124.1 (North) 128.5
CHARLESTON TOWER 125.7 **GND CON** 121.8 **CLNC DEL** 118.55
AIRSPACE: CLASS C svc ctc **APP CON**.
RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.
CHARLESTON (H) (H) VORW/DME 117.4 HVQ Chan 121 N38°20.98´ W81°46.19´ 082° 8.5 NM to fld. 1099/3W.
VOR unusable:
185°–190°
240°–250°
DME unusable:
230°–240°
ILS/DME 110.3 I–HCV Chan 40 Rwy 05. Class IA. ILS unusable for coupled apch blw 1,300´ MSL.
ILS/DME 110.3 I–CRW Chan 40 Rwy 23. Class IB. Glideslope unusable byd 4° right of course. Autopilot cpd apch NA blw 1,500´ MSL.

CHESAPEAKE/HUNTINGTON WVA

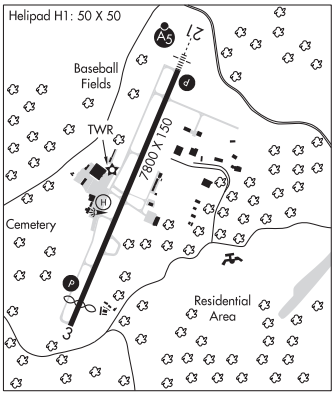
LAWRENCE CO AIRPARK (HTW)(KHTW) 2 W UTC–5(–4DT) N38°25.15´ W82°29.69´ **CINCINNATI**
567 B TPA—1607(1040) NOTAM FILE DAY
RWY 08–26: H2998X70 (ASPH) MIRL 0.3% up E
RWY 08: Thld dsplcd 172´. Trees.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Unattended. Fuel: 100LL avbl H24 self svc via credit card.
AIRPORT MANAGER: 740-532-3309
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Huntington ATCT at 304-453-2490.



CLARKSBURG

NORTH CENTRAL WEST VIRGINIA (CKB)(KCKB) P (ARNG) 1 NE UTC–5(–4DT) N39°17.86´ W80°13.65´ 1224 B Class I, ARFF Index B NOTAM FILE CKB

CINCINNATI
H–10H, 12I, L–29C
IAP, AD



RWY 03–21: H7800X150 (ASPH–GRVD) S–80, D–125, 2S–158, 2D–180, 2D/2D2–180 PCR 4200 F/A/X/T HIRL 0.5% up NE
RWY 03: REIL. PAPI(P4L)—GA 3.44° TCH 50´. RVR–R Thld dsplcd 670´. Trees.
RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 60´. RVR–T Trees.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–7800 TODA–7800 ASDA–7800 LDA–7130
RWY 21: TORA–7800 TODA–7800 ASDA–7130 LDA–7130

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 21; REIL Rwy 03; PAPI Rwy 03 and 21; and HIRL Rwy 03–21 —CTAF.
MILITARY— FUEL A, A+ (1000–0400Z‡; After hr C304–848–6700, fee $75.00/occurrence. Two hr PN rqr prior to 2300Z‡ C304–842–3400.) (NC–100LL – Not avbl 0400–1000Z‡.)

AIRPORT REMARKS: Attended 1200–0400Z‡. After hrs for emergs call 304–623–6559. Deer and birds on and invof arpt. Fuel not avbl during hrs 0400–1000Z‡. Ctlng obstn slope at dsplcd location Rwy 03 is 29:1. PPR 24 hours for unsked ACR ops with more than 30 psgr seats call amgr 304–842–3400 or 304–848–6700. Twy A south of Twy C, main terminal apron, and helipad not visible from twr. Twy H, E of Twy H1 clsd to tran aircraft. 24 PPR for parking on ARNG ramp DSN 661–3800, C304–201–3800. Ldg fee for all acft over 6500 lbs.

AIRPORT MANAGER: 304-842-3400

WEATHER DATA SOURCES: ASOS (304) 842–9240 LAWRS.

COMMUNICATIONS: CTAF 126.7 **ATIS** 127.825 **UNICOM** 123.0
Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.95 (0400–1200Z‡) or ctc Cleveland ARTCC at 440–774–0226
CLARKSBURG TOWER 126.7 (1200–0400Z‡) **GND CON** 121.9 **ARNG OPS** 123.425

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.

AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CKB.

CLARKSBURG (L) (L) VORW/DME 112.6 CKB Chan 73 N39°15.19´ W80°16.07´ 039° 3.3 NM to fld. 1427/4W. VOR unusable:
041°–051° byd 6 NM
056°–081°
116°–137°

ILS 109.3 I–CKB Rwy 21. Class IB. Unmonitored when ATCT clsd. Glideslope unusable byd 5° left of course. Autopilot cpd apch NA blw 2,000´ MSL. LOC front unusable byd 15° left and r of course.

• • • • • • • • • • • • • • • • • • • •

HELIPAD H1: H50X50 (CONC)

HELIPORT REMARKS: Helipad H1 located on FBO apron. Heli, H–1 sfc cond fair, pavement cracking.

EASTERN WV RGNL/SHEPHERD FLD (See MARTINSBURG on page 398)

ELKINS/RANDOLPH CO (JENNINGS RANDOLPH FLD) (EKN)(KEKN) 2 S UTC–5(–4DT) N38°53.37′ W79°51.43′ **CINCINNATI L–29C IAP**

1987 B TPA—3000(1013) NOTAM FILE EKN

RWY 14–32: H4544X140 (ASPH) S–10 1.0% up NW

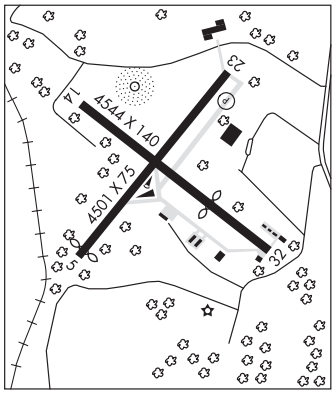
RWY 14: Tree.

RWY 32: Thld dsplcd 1390′. Trees.

RWY 05–23: H4501X75 (ASPH) S–28, D–35, 2D–56 MIRL 0.6% up SW

RWY 05: Thld dsplcd 154′. Trees.

RWY 23: REIL. PAPI(P2L)—GA 5.0° TCH 45′. Antenna.



SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT MIRL Rwy 05–23 & REIL Rwy 23—122.9. Rwy 23 omni–directional REIL. PAPI Rwy 23 non–std 5 deg glide angle.

AIRPORT REMARKS: Attended 1330–2200Z‡. Rwy 14–32 CLOSED dusk–dawn. Deer on and invof arpt. Uncontrolled vehicles Rwy 32 crossing thr. For aftr hrs serv call amgr during bus hrs. All fueling 24 hr self service. Rwy 05–23 & Rwy 14–32 2–12 inch deep drainage structures on paved shoulders. Rwy 14–32 mkgs faded. Rwy 23, 68 ft athletic fld lgts, 550 ft south of rwy centerline. Cold temperature airport. Altitude correction required at or below –19C.

AIRPORT MANAGER: 304-636-2726

WEATHER DATA SOURCES: ASOS 119.275 (304) 591–9020.

COMMUNICATIONS: CTAF 123.6

Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)

Ⓡ **WASHINGTON CENTER APP/DEP CON** 128.6 (0400–1200Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Washington center at 703-771-3478.

AIRSPACE: CLASS E svc 1200–0400Z‡; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

(VL) (L) VORTACW 114.2 EKN Chan 89 N38°54.87′ W80°05.96′ 104° 11.4 NM to fld. 2160/7W.

TACAN AZIMUTH unusable:
- 081°–148° byd 32 NM blo 9,000′
- 149°–193°
- 273°–039° byd 12 NM blo 6,000′

DME unusable:
- 081°–148° byd 32 NM blo 9,000′
- 149°–193°
- 273°–039° byd 12 NM blo 6,000′
- 335°–357° byd 12 NM blo 5,000′
- 335°–357° byd 27 NM blo 6,000′

VOR unusable:
- 045°–100° byd 40 NM
- 195°–210° byd 40 NM blo 8,000′
- 195°–210° byd 57 NM
- 211°–225° byd 40 NM

RANDOLPH COUNTY NDB (HW) 284 RQY N38°53.64′ W79°51.56′ at fld. 1938/7W.

NDB unusable:
- 018°–084° byd 10 NM
- 085°–017° byd 15 NM

LDA/DME 109.9 I–OUW Chan 36 Rwy 00X. LDA is circling apch only. LOC unusable byd 6.0 NM blw 4,500′. DME unusable byd 6.0 NM blw 4,500′. LOC unusable byd 26° r of course.

ELKINS N38°54.87′ W80°05.96′ NOTAM FILE EKN. **CINCINNATI H–10H, 12H, L–29C**

(VL) (L) VORTACW 114.2 EKN Chan 89 104° 11.4 NM to Elkins/Randolph Co (Jennings Randolph Fld). 2160/7W.

TACAN AZIMUTH unusable:
- 081°–148° byd 32 NM blo 9,000′
- 149°–193°
- 273°–039° byd 12 NM blo 6,000′

DME unusable:
- 081°–148° byd 32 NM blo 9,000′
- 149°–193°
- 273°–039° byd 12 NM blo 6,000′
- 335°–357° byd 12 NM blo 5,000′
- 335°–357° byd 27 NM blo 6,000′

VOR unusable:
- 045°–100° byd 40 NM
- 195°–210° byd 40 NM blo 8,000′
- 195°–210° byd 57 NM
- 211°–225° byd 40 NM

FAIRMONT MUNI–FRANKMAN FLD (4G7) 2 SW UTC–5(–4DT) N39°26.85′ W80°10.06′ **CINCINNATI**
1032 B NOTAM FILE EKN **L–29C**
RWY 05–23: H2965X75 (ASPH) S–12.5 MIRL 0.7% up SW **IAP**
RWY 05: Thld dsplcd 720′. Ground.
RWY 23: REIL. PAPI(P2L)—GA 3.2° TCH 54′. Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REIL Rwy 23; PAPI Rwy 23; MIRL Rwy 05–23—CTAF.
AIRPORT REMARKS: Attended 1330–1930Z‡ Mon–Fri. Deer on and in vicinity of arpt. Aftr hrs atndt 304–933–4399—Call in fee. Radio twrs approximately 300′ AGL 1.9 NM NE and 2.2 NM NW. Rwy 05 has +30′ hill at SW end. Rwy 23 has 100′ drop off, NE end.
AIRPORT MANAGER: 304-366-1300
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.95 (0400–1200Z‡) or ctc Cleveland ARTCC at 440–774–0226.
CLNC DEL 118.35
CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.
RADIO AIDS TO NAVIGATION: NOTAM FILE MGW.
MORGANTOWN (L) (L) VORW/DME 111.6 MGW Chan 53 N39°33.40′ W79°51.62′ 250° 15.7 NM to fld. 2343/5W.

GRANT CO (See PETERSBURG on page 402)

GREENBRIER VALLEY (See LEWISBURG on page 397)

HENDERSON N38°45.25′ W82°01.57′ NOTAM FILE EKN. **CINCINNATI**
(H) DME 115.9 HNN Chan 106 307° 8.0 NM to Gallia–Meigs Rgnl. 880. **H–10G, L–22F, 26H**
DME unusable:
185°–290° blo 4,500′

HERRON (See NEW CUMBERLAND on page 400)

HUNTINGTON

ROBERT NEWLON FLD (I41) 6 NE UTC–5(–4DT) N38°27.42′ W82°18.83′ **CINCINNATI**
550 NOTAM FILE EKN
RWY 02–20: 2300X75 (TURF)
RWY 02: Tree.
RWY 20: Bldg. Rgt tfc.
AIRPORT REMARKS: Attended Mon–Thu irregularly. Parachute Jumping. Skydiving actvy on fld. Rwy 02–20 CLOSED nights. Rwy 20 trucks and heavy eqpt parked in apch. Rwy 02–20 75′ trees 100′ west of cntrln. For FICONS call 304–417–2343.
AIRPORT MANAGER: 304-733-1240
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Huntington ATCT at 304-453-2490.

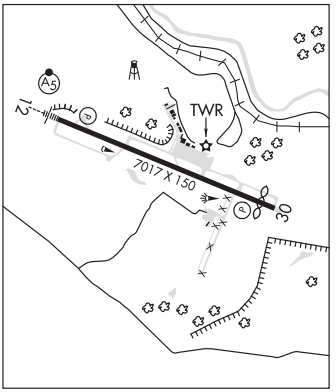
TRI–STATE/MILTON J FERGUSON FLD (HTS)(KHTS) 3 S UTC–5(–4DT) N38°22.11´ W82°33.62´ **CINCINNATI H–10G, 12H, L–26H IAP, AD**

828 B LRA Class I, ARFF Index B NOTAM FILE HTS

RWY 12–30: H7017X150 (ASPH–GRVD) S–120, D–210, 2S–175, 2D–394 PCR 470 F/A/W/T HIRL

RWY 12: MALSR. PAPI(P4L)—GA 3.0° TCH 56´. RVR–T Trees.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 49´. RVR–R Thld dsplcd 501´.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: TORA–7017 TODA–7017 ASDA–6516 LDA–6516

RWY 30: TORA–7017 TODA–7017 ASDA–7017 LDA–6516

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** PAPI Rwy 30 unusable byd 7° left of centerline.

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Pilots report possibility of mistaking fuel burning stack located approximately 2 miles west Rwy 12 for apch lgtg sequenced flashing lgts. Rwy 12 obstruction twr located 5100´ west and 600´ north end rwy. Ldg fee: fee for acft unless fuel purchased. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 304-453-6165

WEATHER DATA SOURCES: ASOS (681) 432–1499

COMMUNICATIONS: ATIS 125.2 **UNICOM** 122.95

Ⓡ **HUNTINGTON APP/DEP CON** 119.75 (South) 128.4 (North)

HUNTINGTON TOWER 118.5 **GND CON** 121.9 **CLNC DEL** 118.05

AIRSPACE: CLASS D.

TRSA svc ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

NEWCOMBE (L) DME 110.4 ECB Chan 41 N38°09.50´ W82°54.60´ 053° 20.8 NM to fld. 1070.

ILS/DME 109.9 I–HTS Chan 36 Rwy 12. Class IC.

ILS/DME 108.7 I–TUU Chan 24 Rwy 30. Class IB.

JACKSON CO (See RAVENSWOOD on page 404)

KEE FLD (See PINEVILLE on page 403)

KESSEL N39°13.53´ W78°59.37´ NOTAM FILE EKN. **CINCINNATI H–10H, L–29D**

(VL) (DL) VORW/DME 110.8 ESL Chan 45 214° 15.6 NM to Grant Co. 2590/6W.

DME unusable:

260°–270° byd 10 NM blo 6,500´

288°–295° byd 10 NM blo 6,500´

VOR unusable:

055°–140° byd 55 NM

235°–242° byd 40 NM blo 8,000´

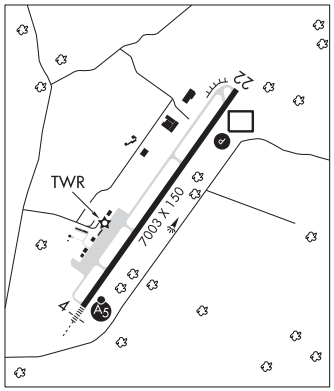
235°–242° byd 50 NM

243°–250° byd 40 NM

LAWRENCE CO AIRPARK (See CHESAPEAKE/HUNTINGTON WVA on page 392)

LEWISBURG

GREENBRIER VALLEY (LWB)(KLWB) 3 N UTC–5(–4DT) N37°51.50′ W80°23.97′ **CINCINNATI**
2302 B ARFF Index—See Remarks NOTAM FILE LWB **H–10H, 12H, L–26I**
RWY 04–22: H7003X150 (ASPH–GRVD) S–90, D–120, 2S–152, 2D–160 PCR 360 F/D/X/T HIRL **IAP, AD**
RWY 04: MALSR.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 58′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–7003 TODA–7003 ASDA–7003 LDA–7003
RWY 22: TORA–7003 TODA–7003 ASDA–7003 LDA–7003
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTVT MALSR Rwy 04; REIL Rwy 22; PAPI Rwy 22; HIRL Rwy 04–22; twy lgts—CTAF.
AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Class I, ARFF Index B. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 304–645–3961. ARFF Index C equipment avbl upon request. Ldg fee for all acft abv 4000 lbs. Lndg fee waived with appliciable fuel purchase based on acft weight or if acft is registered in the State of West Virginia or fuel purcahase with a U. S. Govt Air Card.
AIRPORT MANAGER: 304-646-7382
WEATHER DATA SOURCES: AWOS–3PT (304) 645–4533
COMMUNICATIONS: CTAF 118.9 **UNICOM** 122.95 **ATIS** 121.4
WASHINGTON CENTER APP/DEP CON 134.4
LEWISBURG TOWER 118.9 (1400–0000Z‡) **GND CON** 121.9
CLNC DEL 125.725 (when twr clsd)
AIRSPACE: CLASS D svc 1400–0000Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWB.
(H) DME 116.05 LWB Chan 107(Y) N37°51.83′ W80°23.51′ at fld. 2338.
DME unusable:
095°–150°
151°–185° byd 20 NM blo 10,000′
186°–196° byd 20 NM blo 7,000′
197°–094° byd 20 NM blo 10,000′
BUSHI NDB (LOM) 346 LW N37°46.94′ W80°28.11′ 044° 5.6 NM to fld. Autopilot cpd apch NA blw 2,770′ MSL.
ILS 110.35 I–LWB Rwy 04. LOM BUSHI NDB. Autopilot cpd apch NA blw 2,770′ MSL. LOC unusable 0.3 NM inbd.
COMM/NAV/WEATHER REMARKS: Use CTAF 118.9 when twr clsd. Freq 121.5 not avbl at twr. If unable to contact Washington Center on 134.4, contact Washington Center on 125.725.



LOGAN CO (6L4) 4 E UTC–5(–4DT) N37°51.34′ W81°54.95′ **CINCINNATI**
1666 B NOTAM FILE EKN **L–26H**
RWY 06–24: H3605X75 (ASPH) MIRL 0.3% up NE **IAP**
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 47′. Trees.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 42′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 06 and 24; PAPI Rwy 06 and 24; MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Attended 1400–2200Z‡. Deer and wildlife on and invof arpt. Low lvl C–130 mil opns in vcnty. Ck NOTAMs. 100LL fuel 24 hr self–svc. Rwy 06, 30 ft hill 800 ft from thld left. Airport access code—CTAF. Military practice rwy 1.2 miles NE of Rwy 24 end. Not charted. Wind indicator: Cntr fld windsock not ver, wind indc unrelbl. Adnl windsock at Rwy 06 and 24 ends unlgtd.
AIRPORT MANAGER: 304-752-0975
WEATHER DATA SOURCES: AWOS–3PT 119.375 (304) 752–0814.
COMMUNICATIONS: CTAF 122.9
Ⓡ **CHARLESTON APP/DEP CON** 119.2 (North)
INDIANAPOLIS CENTER APP/DEP CON 126.575 (South)
CLEARANCE DELIVERY PHONE: For CD ctc Charleston Apch at 304-344-5867 ext 281.
RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.
CHARLESTON (H) (H) VORW/DME 117.4 HVQ Chan 121 N38°20.98′ W81°46.19′ 196° 30.4 NM to fld. 1099/3W.
VOR unusable:
185°–190°
240°–250°
DME unusable:
230°–240°
COMM/NAV/WEATHER REMARKS: For acft maint svcs call 304–752–0094 days, 304–946–4415 nights.

MARSHALL CO (See MOUNDSVILLE on page 400)

MARTINSBURG

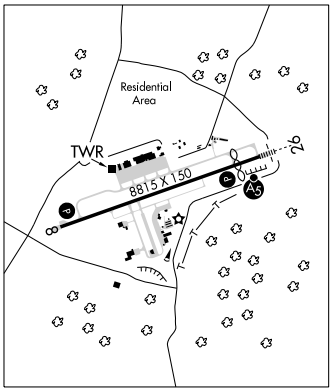
EASTERN WV RGNL/SHEPHERD FLD (MRB)(KMRB) P (ANG) 4 S UTC–5(–4DT) N39°24.14´ W77°58.98´ **WASHINGTON H–10H, 12I, L–29D, A IAP, AD**

565 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE MRB

RWY 08–26: H8815X150 (ASPH–CONC–GRVD) S–120, D–195, 2S–175, 2T–585, 2D–339, 2D/D1–568, 2D/2D2–830, C5–840 PCN 56 R/B/W/T HIRL

RWY 08: REIL. PAPI(P4L)—GA 3.0° TCH 53´.

RWY 26: MALSR. PAPI(P4L)—GA 3.0° TCH 52´. Thld dsplcd 1000´. Tree.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA–8815 TODA–8815 ASDA–8215 LDA–8215

RWY 26: TORA–8815 TODA–8815 ASDA–8815 LDA–7815

SERVICE: S4 **FUEL** 100LL, JET A, A++ **OX** 3 **LGT** When ATCT clsd, ACTVT MALSR Rwy 26; REIL Rwy 08; PAPI Rwy 08 and Rwy 26; HIRL Rwy 8–26—CTAF. **MILITARY— FUEL** A++ (Mil) (NC–100LL, A—OT fone C304–262–2507.) **FLUID** PRESAIR–Avbl 2200–0200Z‡ or 30 min PN and prior arng on hol. **OIL** O–156 and O–148 (Mil).

NOISE: ANG quiet hrs 0400–1200Z‡ Mon–Fri 2100–1300Z‡ Sat–Sun.

AIRPORT REMARKS: Attended 1200–0000Z‡. Deer and birds on and invof arpt. Fuel: A++ full svc 1200–0000Z‡, after hrs call 304–262–2507. 24/7 self svc. 100LL avbl self serve 24/7. No grass landings. FAA ARFF Index D/NFPA Cat 8; Index E/Cat 10 equip avbl. Twy B clsd fm fuel farm south. Twy D clsd past pvt hangar 1750 ft S of Twy E. TPA—rectangular 1600(1035), lgt and rotary wing acft, 2100(1535), for heavy acft, overhead 2100(1535). Rwy 26 first 590 ft conc, middle 7125 ft asph, last 1100 ft conc. Military: Cstms/AG/IMG: Cstms not avbl, not a port of entry. Ldg fee. Ldg fee for acft greater than 5000 lbs GWT (mil, fed, state, based acft exempt).

AIRPORT MANAGER: 304-262-2507

WEATHER DATA SOURCES: ASOS 119.925 (304) 264–0988. unmonitored when twr clsd.

COMMUNICATIONS: CTAF 124.3 **UNICOM** 122.95

RCO 122.2 (LEESBURG RADIO)

Ⓡ **POTOMAC APP/DEP CON** 126.825

MARTINSBURG TOWER 124.3 (1200–0400Z‡, OT by NOTAM) **GND CON** 121.8

CLNC DEL 132.075

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Potomac Apch on 132.075 or if una 866-709-4993.

AIRSPACE: CLASS D svc 1200–0400Z‡; other times by NOTAM; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MRB.

MARTINSBURG (L) (L) VORTACW 112.1 MRB Chan 58 N39°23.13´ W77°50.90´ 286° 6.3 NM to fld. 600/7W. VOR unusable:

020°–030° byd 15 NM blo 6,900´

127°–146° byd 15 NM

290°–310° byd 35 NM blo 5,400´

ILS 108.3 I–EXW Rwy 26. Class IE.

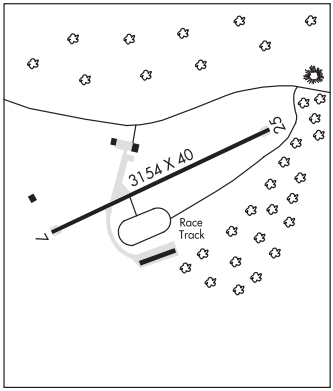
MASON CO (See POINT PLEASANT on page 403)

MERCER CO (See BLUEFIELD on page 389)

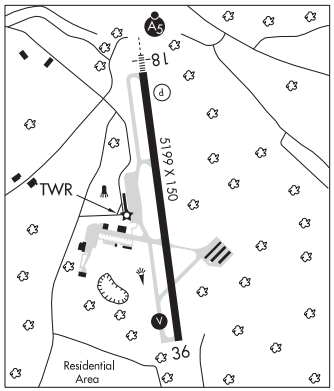
MID–OHIO VALLEY RGNL (See PARKERSBURG on page 401)

MILTON

ONA AIRPARK (12V) 4 W UTC–5(–4DT) N38°26.45´ W82°12.05´ **CINCINNATI**
572 NOTAM FILE EKN **L–26H**
RWY 07–25: H3154X40 (ASPH) LIRL(NSTD) **IAP**
RWY 07: Fence.
RWY 25: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** Rwy 07–25 Nstd LIRL lights, nstd spacing and colors.
NOISE: Noise abatement procedures in effect; dep Rwy 25 fly 240° and dep Rwy 07 fly 090° to 1600´ alt.
AIRPORT REMARKS: Attended continuously. Vehicles crossing rwy. Fuel 24 hr self–svc. Fence, poles, buildings in primary sfc west side. Rwy exit to ramp has depression. Race track adjacent to Rwy 07–25.
AIRPORT MANAGER: 954-328-7646
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HUNTINGTON APP/DEP CON** 119.75 (West)
Ⓡ **CHARLESTON APP/DEP CON** 124.1 (East)
CLEARANCE DELIVERY PHONE: For CD ctc Huntington ATCT at 304-453-2490.
RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.
CHARLESTON (H) (H) VORW/DME 117.4 HVQ Chan 121
N38°20.98´ W81°46.19´ 288° 21.0 NM to fld. 1099/3W.
VOR unusable:
185°–190°
240°–250°
DME unusable:
230°–240°



MORGANTOWN MUNI/WALTER L BILL HART FLD (MGW)(KMGW) 3 E UTC–5(–4DT) **CINCINNATI**
N39°38.62´ W79°55.05´ **H–10H, 12I, L–29C**
1244 B Class I, ARFF Index A NOTAM FILE MGW **IAP, AD**
RWY 18–36: H5199X150 (ASPH–GRVD) S–65, D–90, 2D–175
PCR 340 F/C/W/T HIRL
RWY 18: MALSR. PAPI(P4L)—GA 3.0° TCH 59´.
RWY 36: REIL. VASI(V4L)—GA 3.0° TCH 52´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 18: TORA–5199 TODA–5199 ASDA–5199 LDA–5199
RWY 36: TORA–5199 TODA–5199 ASDA–5199 LDA–5199
SERVICE: S2 **FUEL** 100LL, JET A, A+ **LGT** When ATCT clsd ACTVT MALSR Rwy 18; REIL Rwy 36; VASI Rwy 36; HIRL Rwy 18–36; twy lgts—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1000–0500Z‡; Sat–Sun 1000–0400Z‡. Deer and birds on and invof arpt. Be alert: possibility of turbulence invof power plant stacks 3.6 miles N of afld durg cold weather. PPR 24 hrs for unscheduled air carrier ops call arpt manager 304–291–7461. FBO hrs Mon–Fri 1000–0500Z‡, Sat–Sun 1000–0400Z‡. 24–hr phone nr 304–296–2359. Lndg fee for acft 5000 lbs and over.
AIRPORT MANAGER: 304-284-7406
WEATHER DATA SOURCES: ASOS 120.675 (304) 371–2021.
COMMUNICATIONS: CTAF 125.1 **UNICOM** 122.95
Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.95 (0400–1200Z‡) or ctc Cleveland ARTCC at 440–774–0226.
TOWER 125.1 (1200–0400Z‡) **GND CON** 121.7
CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.
AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MGW.
(L) (L) VORW/DME 111.6 MGW Chan 53 N39°33.40´ W79°51.62´ 338° 5.8 NM to fld. 2343/5W.
ILS 108.5 I–MGW Rwy 18. Class IA. Unmonitored when twr clsd. Autopilot cpd apch NA blw 1,760´ MSL.



MOUNDSVILLE

MARSHALL CO (MPG)(KMPG) 3 S UTC–5(–4DT) N39°52.85′ W80°44.15′ **CINCINNATI**
1215 B NOTAM FILE EKN **L–29B**
RWY 06–24: H3301X60 (ASPH) S–12.5 MIRL 0.6% up SW **IAP**
RWY 06: PAPI(P2R)—GA 4.0° TCH 30′. P–line.
RWY 24: PAPI(P2R)—GA 3.0° TCH 46′. P–line.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT rtg bcn—CTAF. ACTVT MIRL Rwy 06–24—CTAF. Rwy 24 VGSI unusbl byd 7° left of cntrln.
AIRPORT REMARKS: Attended 1330Z‡–dusk. After hrs atndt 304–312–1119 (mgr cell). Deer and birds on and invof arpt. 100LL: Self serve fuel avbl 24/7. Rwy 06–24 slopes up 0.6% from south to north. Rwy 24, due to terrain, winds may be turbulent on apch. Rwy safety area both ends have 100′ drop offs 200′ from thld 0B. Trees in close vcnty of AWOS and windsock may cause erroneous readings.
AIRPORT MANAGER: 304-845-0200
WEATHER DATA SOURCES: AWOS–3 119.05 (304) 845–2959.
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEVELAND CENTER APP/DEP CON 126.95 or call ZOB 440–774–0442
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0226.
RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.
BELLAIRE (H) (H) VORW/DME 117.1 AIR Chan 118 N40°01.02′ W80°49.03′ 162° 9.0 NM to fld. 1307/7W.

NEW CUMBERLAND

HERRON (7G1) 3 NE UTC–5(–4DT) N40°31.99′ W80°32.47′ **DETROIT**
1226 B TPA—2001(775) NOTAM FILE EKN
RWY 04–22: H2030X20 (ASPH) RWY LGTS(NSTD) 1.0% up SW
RWY 04: Trees.
RWY 22: Trees.
RWY 01–19: 1200X24 (TURF) 1.8% up N
RWY 01: Trees.
RWY 19: Trees.
SERVICE: **LGT** Arpt bcn sked: dusk–2300, otr times on req. Arpt lgts opr dusk–0400Z‡. ACTVT LIRL Rwy 04–22—123.0—5 times on/5 times off. Rwy 04–22 lgts on SE side only.
AIRPORT REMARKS: Attended irregularly. Deer on and invof arpt. Ultralight activity. Repairs by prior arrangement. Rwy 04–22 numbers only. Rwy 04 and 22 no line of sight btn rwy ends. Traffic on rd. Crossing rwy not visible fm Rwy 04 end. Public road crosses center of afld, do not taxi on road, wing will not clear stop sign on road. Rwy 04–22 slopes up fm E to W, aprx 30′. 30′ drop off at each rwy end. Overnight fee waived with minimum fuel purchase.
AIRPORT MANAGER: 304-387-0191
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591

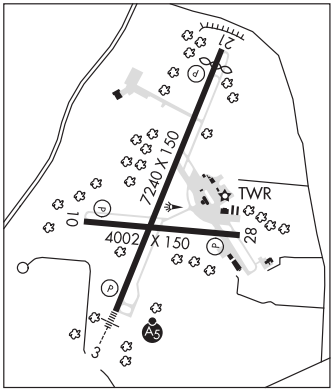
NORTH CENTRAL WEST VIRGINIA (See CLARKSBURG on page 393)

ONA AIRPARK (See MILTON on page 399)

PARKERSBURG

MID–OHIO VALLEY RGNL (PKB)(KPKB) P (ARNG) 6 NE UTC–5(–4DT) N39°20.70´ W81°26.36´
859 B Class I, ARFF Index A NOTAM FILE PKB

CINCINNATI
H–10G, 12I, L–29B
IAP, AD



RWY 03–21: H7240X150 (ASPH–GRVD) S–85, D–100, 2D–175
PCR 390 F/D/X/T HIRL 0.8% up NE
RWY 03: MALSR. PAPI(P4L)—GA 3.0° TCH 49´. RVR–TR
RWY 21: REIL. PAPI(P4R)—GA 3.0° TCH 56´. RVR–TR Thld dsplcd 460´.
RWY 10–28: H4002X150 (ASPH–GRVD) S–50, D–75, 2D–135
PCR 380 R/D/W/T HIRL
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 46´.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 43´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–7240 TODA–7240 ASDA–6780 LDA–6780
RWY 10: TORA–4002 TODA–4002 ASDA–4002 LDA–4002
RWY 21: TORA–7240 TODA–7240 ASDA–7240 LDA–6780
RWY 28: TORA–4002 TODA–4002 ASDA–4002 LDA–4002
SERVICE: S2 **FUEL** 100LL, JET A **LGT** When ATCT clsd ACTVT MALSR Rwy 03; REIL Rwy 10 & 21; HIRL Rwy 03–21 & 10–28—CTAF. PAPI Rwy 03 & 21 opr consly. REIL Rwy 28 unavbl when ATCT clsd. Rwy 21 PAPI unusbl byd 5 degs left and 9 degs right of cntrln. Rwy 28 PAPI ususbl byd 8 degs left and 8 degs right of cntrln. **MILITARY— FUEL** A+, A, JP8 (Opr 1030–0043OZ‡ C304–464–5113, OT 2 hr PN C304–464–5115 fee $55.) (NC–100LL)
AIRPORT REMARKS: Attended 1030–0330Z‡. Birds and deer on and invof arpt. PPR 30 min for unscheduled air carrier ops with more than 30 passenger seats, call arpt manager 304–464–5115. No ldg fee for acft less than 6,500 lbs. for acft greater than 6,500, ldg fee waived with fuel purchases.
AIRPORT MANAGER: 304-464-5113
WEATHER DATA SOURCES: ASOS (304) 464–1001
COMMUNICATIONS: CTAF 123.7 **ATIS** 124.35 **UNICOM** 122.95
Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 125.55
PARKERSBURG TOWER 123.7 (1200–0400Z‡) **GND CON** 126.45
CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Indianapolis ARTCC at 317-247-2411.
AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE PKB.
PARKERSBURG (L) (L) VORW/DME 114.45 JPU Chan 91(Y) N39°26.47´ W81°22.49´ 211° 6.5 NM to fld. 1016/3W.
VERSI NDB (LOMW) 388 PK N39°15.24´ W81°29.10´ 028° 5.9 NM to fld. 812/7W.
NDB unusable:
000°–094° byd 10 NM blo 3,000´
095°–149°
150°–210° byd 10 NM
ILS 110.7 I–PKB Rwy 03. Class IB. LOM VERSI NDB. LOM unmonitored.

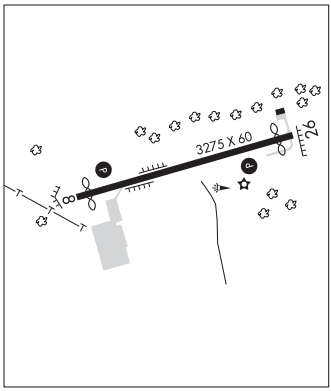
PARKERSBURG N39°26.47´ W81°22.49´ NOTAM FILE PKB.
(L) (L) VORW/DME 114.45 JPU Chan 91(Y) 211° 6.5 NM to Mid–Ohio Valley Rgnl. 1016/3W.

CINCINNATI
H–10G, 12H, L–29B

PETERSBURG

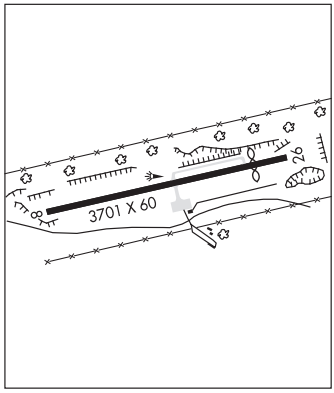
GRANT CO (W99) 1 SW UTC–5(–4DT) N38°59.70′ W79°08.75′ **CINCINNATI**
963 B NOTAM FILE EKN **H–10H, 12I, L–29D**
RWY 13–31: H5000X75 (ASPH) S–41, D–53.4 MIRL 0.3% up NW **IAP**
RWY 13: REIL. Fence.
RWY 31: REIL. PAPI(P4L)—GA 6.5° TCH 46′. Fence. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 13 and 31; PAPI Rwy 31; MIRL Rwy 13–31—CTAF.
AIRPORT REMARKS: Attended 1200–0000Z‡. Aftr hrs on call 304–209–2603. Birds on and invof arpt. 100LL self svc fuel 24/7. Glider ops. Rwy 31 rgt tfc for glider and ultra–light only. All other powered acft std left tfc pat. Cold temperature airport. Altitude correction required at or below –7C.
AIRPORT MANAGER: 304-257-4435
WEATHER DATA SOURCES: AWOS–3PT 124.475 (304) 257–2477.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**WASHINGTON CENTER APP/DEP CON** 133.55
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
KESSEL (VL) (DL) VORW/DME 110.8 ESL Chan 45 N39°13.53′ W78°59.37′ 214° 15.6 NM to fld. 2590/6W.
DME unusable:
260°–270° byd 10 NM blo 6,500′
288°–295° byd 10 NM blo 6,500′
VOR unusable:
055°–140° byd 55 NM
235°–242° byd 40 NM blo 8,000′
235°–242° byd 50 NM
243°–250° byd 40 NM
LDA/DME 111.5 I–IYQ Chan 52 Rwy 31. DME unusable byd 25° left of course and byd 28° r of course. DME unusable byd 10 NM blw 4,500′; byd 13 NM blw 4,900′; byd 14 NM blw 5,200′; byd 15 NM blw 5,900′, byd 19 NM. LOC unusable byd 10 NM blw 4,200′.

PHILIPPI/BARBOUR CO RGNL (79D) 2 NW UTC–5(–4DT) N39°09.97′ W80°03.74′ **CINCINNATI**
1755 B NOTAM FILE EKN **L–29C**
RWY 08–26: H3275X60 (ASPH) MIRL **IAP**
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 20′. Thld dsplcd 140′. Tree.
RWY 26: PAPI(P2L)—GA 3.0° TCH 20′. Thld dsplcd 225′. Ground.
SERVICE: **FUEL** 100LL **LGT** Dusk–Dawn. ACTIVATE REIL Rwy 08; PAPI Rwys 08 and 26; MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Unattended. Wildlife invof arpt. Fuel 24 hr self–serve. Arpt fenced. Vehicle gate locked. Only access via pedestrian gate. Rwy 26 500′ drop–off 50′ fm thr. Rwy 08 150′ drop–off 112′ fm thr.
AIRPORT MANAGER: 304-695-0125
COMMUNICATIONS: CTAF 122.9
Ⓡ**CLARKSBURG APP/DEP CON** 121.15
Ⓡ**WASHINGTON CENTER APP/DEP CON** 128.6
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE CKB.
CLARKSBURG (L) (L) VORW/DME 112.6 CKB Chan 73 N39°15.19′ W80°16.07′ 122° 10.9 NM to fld. 1427/4W.
VOR unusable:
041°–051° byd 6 NM
056°–081°
116°–137°



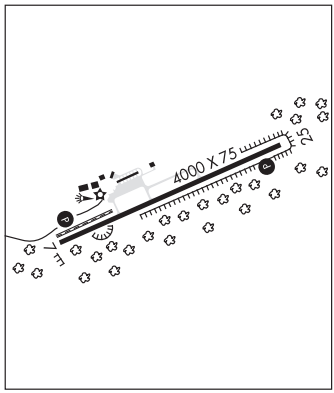
PINEVILLE

KEE FLD (I16) 2 NW UTC–5(–4DT) N37°36.03′ W81°33.56′ CINCINNATI
1783 B NOTAM FILE EKN L–26H
RWY 08–26: H3701X60 (ASPH) S–13 MIRL 1.6% up E IAP
RWY 08: REIL. Trees.
RWY 26: REIL. Thld dsplcd 590′. Trees.
SERVICE: **FUEL** 100LL **LGT** ACTVT MIRL Rwy 08–26 REIL Rwy 08 and Rwy 26—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1400–2100Z‡. Unatnd maj hol, for attendant aft hrs call 304–923–8201 or 304–890–1800. Wildlife on and invof arpt. Landfill midpoint of rwy, south side. Rising terrain surrounds arpt.
AIRPORT MANAGER: 304-732-9160
WEATHER DATA SOURCES: AWOS–3 120.625 (304) 732–7311. Wnd unrel.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CHARLESTON APP/DEP CON** 125.4
CLEARANCE DELIVERY PHONE: For CD ctc Indianapolis ARTCC at 317-247-2411.
RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.
BECKLEY (DH) DME 117.7 BKW Chan 124 N37°46.82′ W81°07.41′ 243° 23.4 NM to fld. 2517.
DME unusable:
080°–215° byd 15 NM



POINT PLEASANT

MASON CO (3I2) 4 NE UTC–5(–4DT) N38°54.88′ W82°05.91′ CINCINNATI
643 B NOTAM FILE EKN L–29B
RWY 07–25: H4000X75 (ASPH) S–24 MIRL 0.3% up SW
RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 44′. Trees.
RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 43′. Trees.
SERVICE: **LGT** ACTVT REIL Rwy 07 and 25; PAPI Rwy 07 and 25; MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Attended 1500–1900Z‡ Mon–Fri. Deer on and in vicinity of arpt. Steam from cooling towers NW occasionally obscures obstruction lgts on tower North. Rwy 07 has 3′ ditch 80′ L and R of cntrln first 1000′. Cold temperature airport. Altitude correction required at or below –16C. Several power plant stacks in vicinity of arpt west and north. Rwy 25, 35′ drop off, 100′ fm rwy end.
AIRPORT MANAGER: 304-674-5075
WEATHER DATA SOURCES: AWOS–3 119.675 (304) 675–4618.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HUNTINGTON APP/DEP CON** 128.4
CLEARANCE DELIVERY PHONE: For CD ctc Huntington ATCT at 304-453-2490.
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
HENDERSON (H) DME 115.9 HNN Chan 106 N38°45.25′ W82°01.57′ 341° 10.2 NM to fld. 880.
DME unusable:
185°–290° blo 4,500′



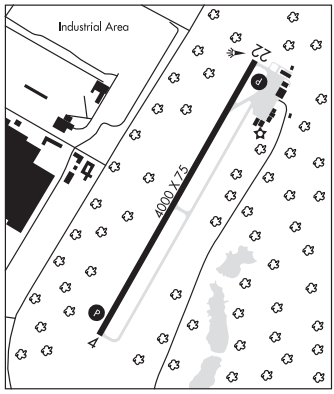
POTOMAC AIRPARK (See BERKELEY SPRINGS on page 389)

RALEIGH CO MEML (See BECKLEY on page 388)

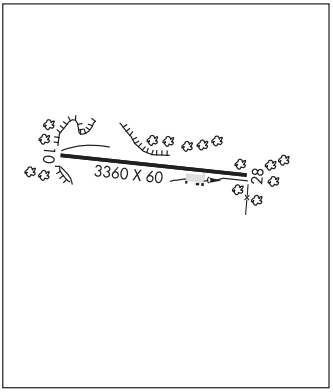
RANDOLPH CO N38°53.64′ W79°51.56′ NOTAM FILE EKN. CINCINNATI
NDB (HW) 284 RQY at Elkins/Randolph Co (Jennings Randolph Fld). 1938/7W. L–29C
NDB unusable:
018°–084° byd 10 NM
085°–017° byd 15 NM

RAVENSWOOD

JACKSON CO (I18) 6 SW UTC–5(–4DT) N38°55.79′ W81°49.17′ **CINCINNATI**
758 B NOTAM FILE EKN **L–29B**
RWY 04–22: H4000X75 (ASPH) S–12.5 MIRL 0.5% up NE **IAP**
RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 50′. Trees.
RWY 22: REIL. PAPI(P2L)—GA 4.0° TCH 50′. Trees.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTVT REIL Rwys 04 and 22, PAPI Rwys 04 and 22; MIRL Rwy 04–22 and windsock lgt—CTAF.
AIRPORT REMARKS: Attended 1300–2100Z‡ except Thanksgiving and Christmas. Parachute Jumping. Deer and birds on and invof arpt. 1229 MSL stack 1/2 mile NW of arpt. Rwy safety area sfc uneven. Rwy 04, 50 ft drop–off 200 ft fm thr. 15′ trees parallel to Rwy 04, 75′ L of cntrln.
AIRPORT MANAGER: 304-273-8114
WEATHER DATA SOURCES: AWOS–2 121.3 (304) 273–3424.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HUNTINGTON APP/DEP CON** 128.4
CLEARANCE DELIVERY PHONE: For CD ctc Huntington ATCT at 304-453-2490.
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
HENDERSON (H) DME 115.9 HNN Chan 106 N38°45.25′ W82°01.57′ 043° 14.3 NM to fld. 880.
DME unusable:
185°–290° blo 4,500′



RICHWOOD MUNI (3I4) 6 W UTC–5(–4DT) N38°15.50′ W80°39.08′ **CINCINNATI**
2486 NOTAM FILE EKN **L–26I**
RWY 10–28: H3360X60 (ASPH) 2.1% up E
RWY 10: Trees.
RWY 28: Trees.
AIRPORT REMARKS: Unatndd. Arpt CLOSED ngts. Deer and birds on and invof arpt. Arpt gate locked. Call amgr for access. Rwy 10–28 no snow removal. Rwy frequently snow covered winter months. Rwy 10–28 soft shoulders. Rwy 10–28 pavement cracks with vegetation.
AIRPORT MANAGER: 304-618-3611
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.
RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.
BECKLEY (DH) DME 117.7 BKW Chan 124 N37°46.82′ W81°07.41′ 038° 36.4 NM to fld. 2517.
DME unusable:
080°–215° byd 15 NM



ROBERT NEWLON FLD (See HUNTINGTON on page 395)

SHINNSTON

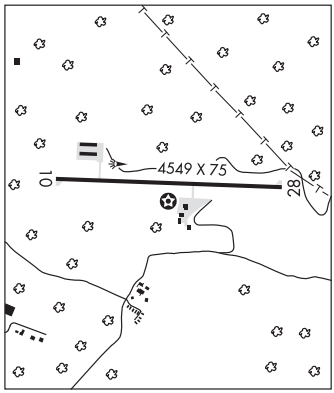
WADE F MALEY FLD (6WØ) 1 NE UTC–5(–4DT) N39°24.37′ W80°16.61′ **CINCINNATI**
997 NOTAM FILE EKN
RWY 05–23: 2265X45 (TURF) 0.9% up NE
RWY 05: Trees.
RWY 23: Ground. Rgt tfc.
SERVICE: S2
AIRPORT REMARKS: Unattended. Deer on and invof arpt. Rwy 23: 15′ drop–off 10′ from thld 0B. Rwy 05: 20′ drop–off 15′ from thld 0B. High terrain all quadrants. Rwy 05–23, 20′ pwr poles midpt of rwy, 65′ L and R of cntrln. 400′ ridge/trees 1,100′ from thld Rwy 23 0B. 15′ drop–off 45′ from centerline full length both sides of rwy. Acft parked 55′ W of rwy centerline, approximately 1,000′ N of Rwy 05 end. Apch Rwy 23 from northwest, depart Rwy 05 to northwest due to ridge northeast of arpt. Power Plant–2 stacks, 1979 MSL, 1009 AGL, 3 mi SW.
AIRPORT MANAGER: 304-641-8406
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.

SLATE RUN (See SPENCER on page 405)

SOUTHERN WEST VIRGINIA RGNL (See WILLIAMSON on page 407)

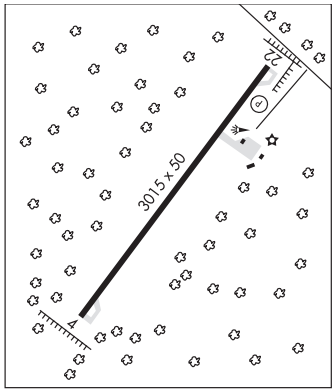
SPENCER

BOGGS FLD (USW)(KUSW) 1 N UTC–5(–4DT) N38°49.43′ W81°20.93′ **CINCINNATI**
928 B TPA—See Remarks NOTAM FILE EKN **L–29B**
RWY 10–28: H4549X75 (ASPH) MIRL **IAP**
RWY 28: Ground.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MIRL Rwy 10–28—CTAF. ACTVT rotating bcn—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡. Wildlife and deer on and invof rwy. ++. Ocnl RC model acft ops on rwy midfield. 100LL: Fuel 24 hr self service. TPA single/multi eng 1928(1000), turbine/large acft, 2428(1500). NSTD safety area, 50′ hill 170′ from each side of rwy centerline. Rwys 10 and 28 markings faded.
AIRPORT MANAGER: 304-481-1214
WEATHER DATA SOURCES: AWOS–3 118.575 (304) 927–0123.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ**CHARLESTON APP/DEP CON** 124.1
CLEARANCE DELIVERY PHONE: For CD ctc Charleston Apch at 304-344-5867 ext 281.
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
HENDERSON (H) DME 115.9 HNN Chan 106 N38°45.25′ W82°01.57′ 082° 32.0 NM to fld. 880.
DME unusable:
185°–290° blo 4,500′



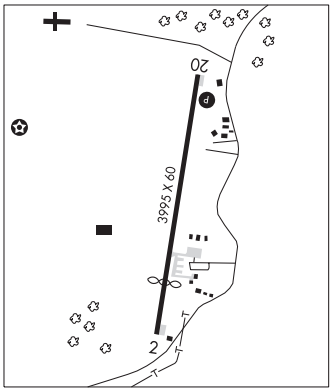
SLATE RUN (55I) 3 SE UTC–5(–4DT) N38°46.65′ W81°18.62′ **CINCINNATI**
1001 NOTAM FILE EKN
RWY 16–34: H1730X30 (ASPH) LIRL(NSTD)
RWY 16: Trees.
RWY 34: Trees.
SERVICE: **LGT** LIRL Rwy 16–34 on req. Rwy 16–34 nstd LIRL; Rwy 34 thr lgts not cntrd. edge lgts located 25′ fm pvmnt edge, nstd colors.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. 100′ drop off at each rwy end. Rwy 16–24 trees and brush 40′ fm cntrln. Marked elec transmission line acrs apch to Rwy 16.
AIRPORT MANAGER: 304-545-8154
COMMUNICATIONS: CTAF/UNICOM 122.725
CLEARANCE DELIVERY PHONE: For CD ctc Charleston Apch at 304-344-5867 ext 281.

SUMMERSVILLE (SXL)(KSXL) 3 S UTC–5(–4DT) N38°13.90′ W80°52.25′ **CINCINNATI**
1820 B NOTAM FILE EKN **L–26I**
RWY 04–22: H3015X50 (ASPH) MIRL 0.4% up NE **IAP**
RWY 04: REIL. Trees.
RWY 22: REIL. PAPI(P2L)—GA 3.25° TCH 32′. Trees.
SERVICE: **FUEL** 100LL **LGT** ACTVT MIRL Rwy 04–22—CTAF. PAPI Rwy 22 OTS indfly. Rwy 04 REIL OTS indefly. Rwy 22 REIL OTS indefly. Lighthouse 2 mi SE. May be mistaken for rtg bcn.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. Rwy 04 50′ drop–off 110′ fm thr. Rwy 22 30′ drop–off 110′ fm thr.
AIRPORT MANAGER: 304-881-1600
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**CHARLESTON APP/DEP CON** 119.2
CLEARANCE DELIVERY PHONE: For CD ctc Charleston Apch at 304-344-5867 ext 281.
RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.
BECKLEY (DH) DME 117.7 BKW Chan 124 N37°46.82′ W81°07.41′ 024° 29.6 NM to fld. 2517.
DME unusable:
080°–215° byd 15 NM



SUTTON

BRAXTON CO (48I) 3 E UTC–5(–4DT) N38°41.23′ W80°39.13′ **CINCINNATI**
1276 B NOTAM FILE EKN **L–29C**
RWY 02–20: H3995X60 (ASPH–AFSC) S–12 MIRL 0.6% up N **IAP**
RWY 02: REIL. Thld dsplcd 801′. Trees.
RWY 20: REIL. PAPI(P2L)—GA 4.0° TCH 40′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–3995 TODA–3995 ASDA–3995 LDA–3194
RWY 20: TORA–3995 TODA–3995 ASDA–3815 LDA–3815
SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 02 and 20; PAPI Rwy 20; MIRL Rwy 02–20—CTAF. Rwy 20 VGSI unusable byd 6° left and byd 6° right of centerline. ACTVT bcn—CTAF.
AIRPORT REMARKS: Unattended. Deer on invof arpt. 6′ ditch crosses AER 02 0—116′ from thr. Bcn lctd on hill, 1/4 mile NW of arpt. Gate access 1–2–3–4–#.
AIRPORT MANAGER: (304) 542-3311
WEATHER DATA SOURCES: AWOS–3PT 118.225 (304) 765–7805.
COMMUNICATIONS: CTAF 122.9
Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 125.55 (0400–1200Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011. When app clsd, ctc Indianapolis ARTCC at 317-247-2411.



RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
ELKINS (VL) (L) VORTACW 114.2 EKN Chan 89 N38°54.87′ W80°05.96′ 249° 29.3 NM to fld. 2160/7W.
TACAN AZIMUTH unusable:
081°–148° byd 32 NM blo 9,000′
149°–193°
273°–039° byd 12 NM blo 6,000′
DME unusable:
081°–148° byd 32 NM blo 9,000′
149°–193°
273°–039° byd 12 NM blo 6,000′
335°–357° byd 12 NM blo 5,000′
335°–357° byd 27 NM blo 6,000′
VOR unusable:
045°–100° byd 40 NM
195°–210° byd 40 NM blo 8,000′
195°–210° byd 57 NM
211°–225° byd 40 NM

TITUS FLD (See ARTHURDALE on page 388)

TRI–STATE/MILTON J FERGUSON FLD (See HUNTINGTON on page 396)

UPSHUR CO RGNL (See BUCKHANNON on page 391)

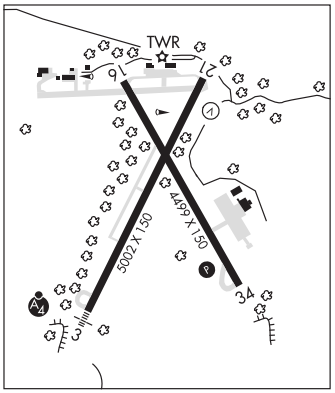
VERSI N39°15.24′ W81°29.10′ NOTAM FILE PKB. **CINCINNATI**
NDB (LOMW) 388 PK 028° 5.9 NM to Mid–Ohio Valley Rgnl. 812/7W.
NDB unusable:
000°–094° byd 10 NM blo 3,000′
095°–149°
150°–210° byd 10 NM

WADE F MALEY FLD (See SHINNSTON on page 404)

WEST VIRGINIA INTL YEAGER (See CHARLESTON on page 392)

WHEELING OHIO CO (HLG)(KHLG) 8 NE UTC–5(–4DT) N40°10.50′ W80°38.78′ **CINCINNATI**
1194 B NOTAM FILE HLG **H–10G, 12I, L–29B**
IAP, AD

RWY 03–21: H5002X150 (ASPH–GRVD) S–120, D–170, 2S–175, 2D–290 HIRL 0.5% up NE
RWY 03: MALSF. RVR–TR Trees.
RWY 21: REIL. VASI(V2L)—GA 3.0° TCH 42′. RVR–TR
RWY 16–34: H4499X150 (ASPH) S–110, D–143, 2S–175, 2D–230 MIRL 0.4% up SE
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 42′. Trees.

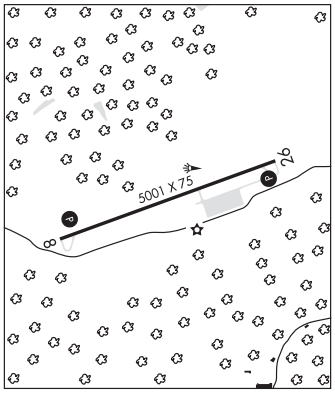


SERVICE: **FUEL** 100LL, JET A+ **LGT** When ATCT clsd ACTVT MALSF Rwy 03; REIL Rwy 21 and 34; PAPI Rwy 34; HIRL Rwy 03–21; MIRL Rwy 16–34; twy lgts excp Twy A—CTAF. Rwy 34 REIL OTS indefly. Rwy 34 PAPI OTS indefly. Rwy 21 VASI unusbl byd 8° left of cntrln.
AIRPORT REMARKS: Attended Mon–Fri 1200–0300Z‡, Sat–Sun 1300–0100Z‡. Birds and deer on and invof arpt.
AIRPORT MANAGER: 304-234-3865
WEATHER DATA SOURCES: ASOS 127.375 (304) 277–3504.
COMMUNICATIONS: CTAF 118.1 **UNICOM** 122.95
Ⓡ **PITTSBURGH APP/DEP CON** 125.275 (when twr clsd)
TOWER 118.1 (1200–0300Z‡ Mon–Fri; 1500–0100Z‡ Sat–Sun)
GND CON 121.75
AIRSPACE: CLASS D svc 1200–0300Z‡ Mon–Fri, 1500–0100Z‡ Sat–Sun; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE HLG.
(L) (L) VORW/DME 114.25 HLG Chan 89(Y) N40°15.59′ W80°34.12′ 222° 6.2 NM to fld. 1269/7W.
VOR unusable:
005°–045°
105°–190° byd 7 NM
315°–320° blo 3,000′
ILS 109.7 I–HLG Rwy 03. Class IA. ILS unusable when ATCT clsd. Glideslope unusable for cpd apchs blw 1,401′.

WILLIAMSON

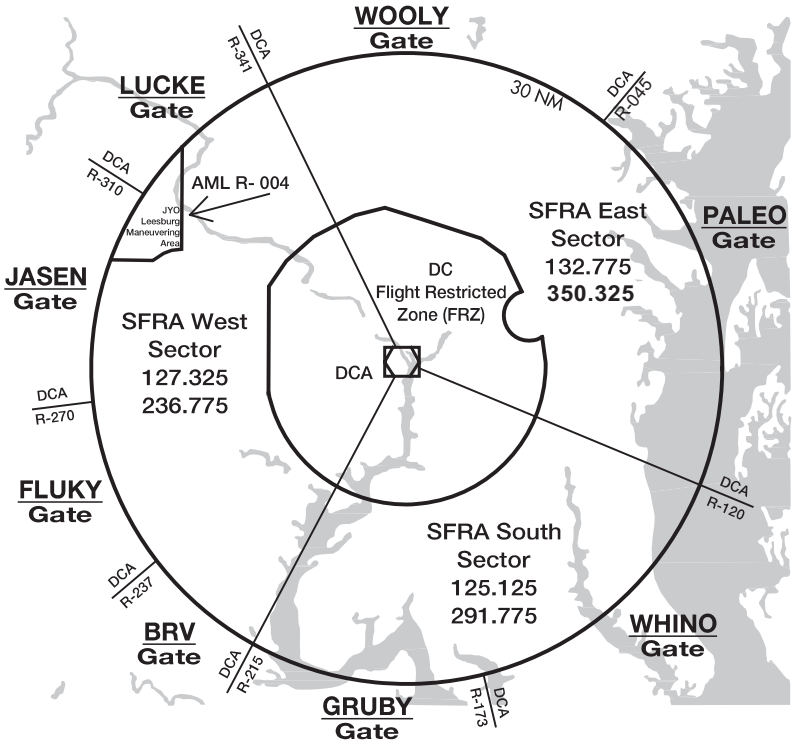
SOUTHERN WEST VIRGINIA RGNL (EBD)(KEBD) 8 E UTC–5(–4DT) N37°40.91′ W82°07.32′ **CINCINNATI**
1883 B NOTAM FILE EKN **H–10G, 12H, L–26H**
IAP

RWY 08–26: H5001X75 (ASPH) MIRL 1.1% up E
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.



SERVICE: **FUEL** 100LL, JET A1 **LGT** ACTVT REIL Rwy 08–26, PAPI Rwy 08–26; MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Unattended. Birds, deer, and bear on and invof arpt. Fuel 24 hr self–serv only. No snow removal. Brush and trees in prim sfc, 42′ fm rwy edge. Rwy 08 and Rwy 26 supplement windsock not vertical, trees in vcnty, readings not relbl. No trml bldg or fac avbl. Entrance gate clsd and locked. For aces call amgr cell 606–794–3564.
AIRPORT MANAGER: 304-235-0338
COMMUNICATIONS: CTAF/UNICOM 122.8
INDIANAPOLIS CENTER APP/DEP CON 126.575
CLEARANCE DELIVERY PHONE: For CD ctc Indianapolis ARTCC at 317-247-2411.
RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.
NEWCOMBE (L) DME 110.4 ECB Chan 41 N38°09.50′ W82°54.60′ 127° 47.1 NM to fld. 1070.

Washington DC SFRA Special Terms and Procedures



Entry/Exit Filing Gates for DC SFRA Flight Plans

Gate (Freq)	Defining Radials (DCA)		Visual Checkpoints	
WOOLY (132.775)	R-341	R-044	I-270	I-95
PALEO (132.775)	R-045	R-119	I-95	Abeam Chesapeake Beach
WHINO (125.125)	R-120	R-172	Abeam Chesapeake Beach	Northern boundary Wicomico River
GRUBY (125.125)	R-173	R-214	Northern boundary Wicomico River	Western boundary Potomac River / Widewater Beach
BRV (127.325)	R-215	R-236	Western boundary Potomac River / Widewater Beach	West side of Lunga Reservoir
FLUKY (127.325)	R-237	R-269	West side of Lunga Reservoir	VA Route 29
JASEN (127.325)	R-270	R-309	VA Route 29	VA Route 7
LUCKE (127.325)	R-310	R-339	VA Route 7	I-270

General Information:

The DC SFRA is defined by a circle with a 30 NM radius off of the DCA VOR/DME. This airspace also includes the DC Flight Restricted Zone (DC FRZ) and the Leesburg Maneuvering Area (LMA). For additional airspace information check the NOTAMs for the latest information.

Gates are defined by existing intersections in the National Airspace System. It is not a requirement to fly to an intersection prior to entering, departing, or transitioning the DC SFRA. Prior to turning on course pilots should ensure they are well clear of the DC SFRA to avoid a pilot deviation.

ATC Terms Specific to the DC SFRA:

DC FRZ Flight Plan: A flight plan filed for the sole purpose of complying with the requirements for VFR operations into, out of, and through the DC FRZ. This flight plan is separate and distinct from a standard VFR flight plan and does not include search and rescue services.

DC SFRA Flight Plan: A flight plan filed for the sole purpose of complying with the requirements for VFR operations into, out of, and through the DC SFRA. This flight plan is separate and distinct from a standard VFR flight plan, and does not include search and rescue services.

Fringe Airports: The following airports located near the outer boundary of the DC SFRA are identified as Fringe Airports: Barnes (MD47), Robinson (MD14), and Skyview (51VA).

Security Services: Identification, communications, and security tracking provided by an ATC facility in support of DOD, or other security elements. *NOTE: Security services do not include basic radar services or any other ATC services.*

Remain on the assigned code until you land: Used when Potomac hands an inbound VFR flight off to the tower or authorizes change to advisory frequency for non towered airports. It reminds pilots to remain on the assigned discrete transponder code until after landing. ***NEVER squawk 1200 inside the DC SFRA.***

Transponder observed: Used to inform a pilot that the aircraft's assigned beacon code and position has been observed. This transmission does *not* imply ATC services. It conveys only that the transponder reply has been observed and its position correlated for movement through security airspace.

Procedures for Traffic Pattern Work:

Towered Airport: Request pattern work from tower; squawk 1234, remain in two-way communication with tower.

Non-Towered Airport: File DC SFRA flight plan; obtain and squawk discrete transponder code from Potomac , communicate pattern position via published CTAF, and if able monitor VHF guard on 121.5 or UHF guard on 243.0

Emergency Procedures:

Transponder failure: An aircraft unable to transmit the ATC–assigned transponder code must contact ATC and comply with all instructions. If unable to contact ATC, the

aircraft must exit the DC SFRA by the most direct lateral route route unless: the departure point is within the SFRA and the departure point is closer than the SFRA boundary, the pilot may return to the departure point by the most direct route.

Communications failure: An aircraft unable to communicate with ATC should squawk 7600 and exit the DC SFRA/FRZ by the most direct lateral route unless; 1: The departure point is within the SFRA and the departure point is closer than the SFRA boundary, the pilot may return to the departure point by the most direct route. 2: If the departure point is within the FRZ and the aircraft is within 5nm of the departure point, the pilot may return to the departure point by the most direct route. Otherwise, the pilot must exit the FRZ via the most direct route.

Intercepts: Review interception procedures in the AIM. If you are intercepted, follow all instructions given by the intercepting aircraft. Monitor 121.5, provide call sign /position, and squawk 7700 unless otherwise directed.

Washington DC SFRA Standard Requirements

Requirements to operate to/from, or within the DC SFRA

1. Complete the training requirements at http://www.faasafety.gov for VFR aircraft operations.
    - Training is noted by a completion certificate generated at the end of the training course. It is recommended that pilots carry a copy of this certificate with them.
    - This training is mandatory for pilots within a 60NM radius of the DCA VOR/DME and recommended for pilots within a 100NM radius of the DCA VOR/DME.

2. Two-way radio

3. Operating transponder with altitude reporting (Mode C)

4. Flight plan appropriate for the intended operations:

    IFR: IFR flight plan
    VFR: DC SFRA flight plan for all operations, *except:*

    - Fringe airport egress *(no flight plan required)*
    - Leesburg Entry and Egress (*no flight plan required)*
    - Towered airport pattern work *(make request to tower)*

5. Discrete transponder code for all operations, *except:*

    - Leesburg (1226)
    - Fringe airport egress (1205)
    - Towered airport pattern work (1234)

6. VFR speed restriction (≤180 KIAS in DC SFRA, & ≤230 KIAS from 30 NM - 60 NM from the DCA VOR/DME unless otherwise authorized.)

7. Communication with ATC for all operations, *except:*

   - Leesburg (JYO) egress/ingress: make CTAF calls
   - Fringe airport egress: monitor guard if able
   - Towered airport pattern work: talk to tower
   - Non-towered airport pattern work:
     - Make CTAF calls and monitor Guard if able.

8. To enter or exit the DC SFRA under IFR, pilots must:

   - File and activate their IFR flight plan before entering the DC SFRA.
   - Pilots may ***not*** depart VFR and pick up an IFR clearance and transponder code in the air.

Activate: A DC SFRA flight plan to enter/exit the DC SFRA under VFR activates when the pilot obtains a discrete transponder code *except*:

- Leesburg (JYO) ingress/egress: with CTAF calls
- Fringe airport egress: when pilot squawks 1205
- Towered airport pattern: with squawk & talk
- Non-towered airport pattern: with CTAF calls

Closing: The DC SFRA flight plan closes when the aircraft exits or lands at an airport inside the DC SFRA.

Potomac TRACON Telephone Numbers

Area Name	Nearest major airport)	Telephone
Shenandoah	Dulles (IAD)	1-866-709-4993 1-540-349-4097
Mount Vernon	Reagan National (DCA) Andrews AFB (ADW)	1-866-599-3874 1-540-349-0493
Chesapeake	Baltimore (BWI)	1-866-429-5882 1-540-349-8478
James River	Richmond (RIC) Charlottesville (CHO)	1-866-640-4124 1-540-349-9697

Washington DC SFRA
VFR Outbound Procedures

Step 1: Preflight – File a DC SFRA Flight Plan

- *ALWAYS* review NOTAMs for current TFR information.
- File a DC SFRA flight plan.
  Suggested language: "I would like to file a DC SFRA flight plan for VFR flight from (departure airport) to (appropriate exit gate)".
- If desired, file separate a VFR flight plan (search and rescue), to be activated after departing the DC SFRA.

Step 2: Pre-Takeoff – Activate DC SFRA Flight Plan

- Call ATC (tower, RCO, phone) for frequency & transponder code.
  Suggested language: "Potomac Clearance, (call sign) at Tipton, VFR Departure."
- Set assigned departure frequency and transponder code. ***NEVER squawk 1200 inside the DC SFRA.***
- Verify that Mode C (ALT) is ON.

Aircraft operating at Leesburg (JYO):
Egress with transponder code of 1226 and CTAF calls.
See separate NOTAM for Leesburg.
Fringe airport egress:
Monitor VHF frequency 121.5 or UHF frequency 243.0

Step 3: After Takeoff – Communicate with ATC

- Establish radio contact with Potomac TRACON
  Suggested language: "Potomac Departure, (call sign), off Tipton"
- Monitor the assigned frequency
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 4: Exiting – Close DC SFRA Flight Plan

- Remain on the assigned frequency / transponder code until ATC authorizes change. NOTE: Verify that you are clear of the DC SFRA prior to changing frequency or transponder code. ***NEVER squawk 1200 inside the DC SFRA.*** A DC SFRA flight plan closes automatically upon exiting the DC SFRA.

Washington DC SFRA VFR Inbound Procedures

Step 1: Preflight – File a DC SFRA Flight Plan

- *ALWAYS* review NOTAMs for current TFR information
- File a DC SFRA flight plan.
  Suggested language: "I would like to file a DC SFRA flight plan for VFR flight from (appropriate entry gate) to (destination airport)."

Step 2: Before Entry – Activate DC SFRA Flight Plan

- Before entry, contact Potomac Approach on the appropriate sector frequency to request a discrete transponder code. The appropriate frequencies are located on the Washington Terminal Area Chart and in the Chart Supplemet Northeast.
  Suggested language: "Potomac Approach, (call sign) at (arrival gate), VFR, requesting SFRA transponder code to (destination airport)."

> ***Aircraft operating at Leesburg (JYO):***
> Enter with transponder code of 1226 and CTAF calls.
> See separate NOTAM for Leesburg.

- Set assigned transponder code. ***NEVER squawk 1200 inside the DC SFRA.***
- Verify that Mode C (ALT) is ON.
- Continue inbound unless otherwise instructed.
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 3: After Entry – Maintain Communication with ATC

- Monitor Potomac Approach
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 4: Arriving – Close DC SFRA Flight Plan

- Change to tower / advisory frequency when so instructed.
- Remain on assigned transponder code until you land. ***NEVER squawk 1200 in the DC SFRA.***
- DC SFRA flight plan closes upon landing.

Washington DC SFRA VFR Transitioning Procedures

Step 1: Preflight - File a DC SFRA Flight Plan.

- Always review NOTAMS for current TFR information. TFRs can pop-up at any time in this area.
- File a DC SFRA flight plan listing the entry and departure gate information.
- Put the approximate time you expect to arrive at the entry gate.

> **Suggested language: "I would like to file a DC SFRA flight plan for a VFR flight from (Entry gate) to (Departure gate)."**

Step 2: Before Entry: Activate DC SFRA Flight Plan

- Before entry, contact Potomac Approach on the appropriate sector frequency to request a discrete transponder code. The appropriate frequencies are located on the Washington Terminal Area Chart and in the Chart Supplement Northeast.
  > **Suggested language: "Potomac Approach, (Call Sign), (state location), 10 west of the LUCKE gate requesting a discrete transponder code for transiting the DC SFRA."**
- Set the assigned transponder code and verify MODE C/ALT is ON. ***NEVER squawk 1200 inside the DC SFRA.***
- Potomac Approach will notify you when the transponder has been observed and when you are able to proceed on course into the DC SFRA.
- Remain clear of the Class B airspace unless explicitly cleared to enter.

Step 3: After Entry: Communicate with ATC

- Maintain communication with Potomac Approach on the assigned frequency.
- Remain clear of the Class B airspace unless explicitly cleared to enter.
- Remain clear of the DC Flight Restricted Zone (FRZ) unless you comply with the requirements for DC FRZ entry.
- Monitor 121.5/243.0 if equipped and able.

Step 4: Exiting the DC SFRA

- Remain on your assigned frequency and transponder code until ATC authorizes you to change.
- DC SFRA flight plans close automatically upon exiting the airspace.
- ***NEVER squawk 1200 inside of the DC SFRA.*** Ensure you are well clear of the boundaries prior to squawking VFR.

Washington DC Flight Restricted Zone (FRZ) Standard Requirements

Unless specifically authorized by a waiver, flight operations under 14 CFR parts 91, 101, 103, 105, 125, 133, & 137 are prohibited in the DC FRZ.

VFR pilots should think of the DC FRZ as a "no-fly" area.

1. Before departing from an airport within the DC FRZ, or before entering the DC FRZ, all pilots must:
   - File a DC FRZ flight plan with the Washington Center Flight Data Unit (ZDC FDU) at 703-771-3476. The initiator/pilot must identify themselves and use the confidential; pilot identification code or their waiver number. Pilots may ***not*** file a DC FRZ flight plan while airborne.
   - Obtain and continuously transmit the discrete transponder code assigned by an ATC facility.

2. A DC FRZ flight plan will meet the requirements for a DC SFRA flight plan, but the reverse is not true. A DC SFRA flight plan will not fulfill the requirements for VFR operations in the DC FRZ.

3. When operating an aircraft in the DC FRZ, pilots must continuously monitor VHF frequency 121.5 or UHF frequency 243.0.

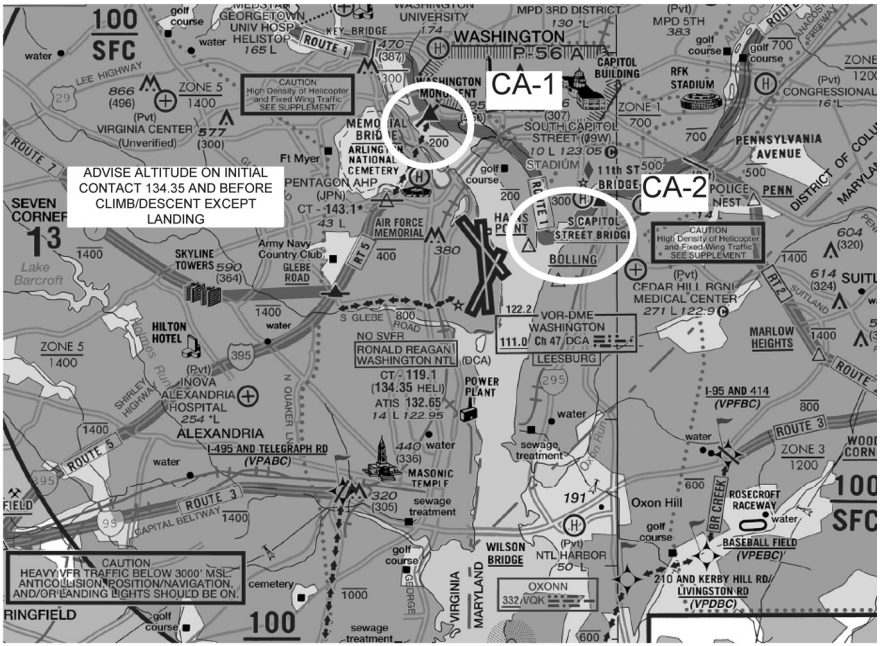
4. Operations into or out of College Park Airport (CGS) or Potomac Airfield (VKX) must meet the requirements of 14 CFR 93.343 and any applicable NOTAMS.

Office of Primary Responsibility (OPR): Potomac TRACON, Airspace and Procedures
Contact Information: (540) 349-7519
Amended: January 2025

CAUTIONARY AREA (CA)
HIGH DENSITY OF HELICOPTER AND FIXED WING TRAFFIC
Ronald Reagan Washington National Airport (DCA)

Pilots should be alert in this area due to heavy concentration of IFR Jet Operations below 1500 Feet. On initial contact with DCA Tower (134.35/257.6), pilots must announce intended route, altitude, and receipt of DCA ATIS Information (132.65).

- Heavy concentration of helicopter and fixed wing traffic. Pilots should avoid using Route 1 South of the Memorial Bridge to the maximum extent possible.
- All aircraft operating within the DCA Class B are required to:
  - Turn-on Anti-collision lights and aircraft position/navigation lights. Use of landing lights is recommended.
  - Have a current Baltimore-Washington Helicopter Route Chart in the aircraft and familiarize themselves with the information contained therein.
  - NOTICE: Routes/Transitions/Zones are being amended.



CA-1 : JPN/Memorial Bridge Transition

- Be alert for RWY 1/33 departures when DCA is in a North Configuration and RWY 15/19 arrivals when in a South Configuration.
- Be alert for JPN (Pentagon) helicopter traffic and route/zone transition area.

CA-2 : Hains Point/South Capitol Region

- Be alert for helicopters operating in/out and local pattern of Joint Base Anacostia-Bolling, South Capitol Street Heliport, US Park Police Eagles Nest.
- Be alert for RWY 4 departures when DCA is in a North Configuration.

Office of Primary Responsibility (OPR): Washington National ATCT (DCA)
Contact Information: 703-413-0336; email: 9-AJO-DCA-OPS@faa.gov
Amended: May 2025

EASTON, MARYLAND NOISE ABATEMENT PROCEDURE

When Easton Airport Traffic Control Tower is closed:
Departure RWY 22: Right turn and avoid overflight of Town of Easton. Departure RWY 04: Left turn at end of RWY to parallel HWY 50 until past mobile home park.
No intersection take offs. VFR Arrivals: Report the Miles River bridge, 2.7 miles southwest of the airport at 2000´ MSL for sequence to all RWYS. Contact 410–770–8055.

WEST ATLANTIC ROUTE SYSTEM (WATRS)

SOUTHBOUND

SOUTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS FROM NEW YORK METROPOLITAN AREA

All operators entering New York Center's West Atlantic Route System (WATRS) southbound on ATS routes: L453, L454, L455, L456, L459, AND L461 shall flight plan and file the following routes:

ATS ROUTE	WATRS ACCESS ROUTING (From JFK)	WATRS ACCESS ROUTING (From EWR and satellites)
L453	SHIPP Y488 SAUCR	ELVAE COL DIXIE Y481 OHRYN Y488 SAUCR
L454	SHIPP Y490 ROLLE ATUGI	ELVAE COL DIXIE Y481 OHRYN Y490 ROLLE ATUGI
L455	SHIPP Y489 RESQU SKPPR	ELVAE COL DIXIE Y481 OHRYN Y489 RESQU SKPPR
L456	SHIPP Y492 SQUAD DARUX	ELVAE COL DIXIE Y482 SQUAD DARUX
L459	SHIPP Y492 SQUAD DARUX	ELVAE COL DIXIE Y482 SQUAD DARUX
L461	SHIPP Y487 KINGG KINER	ELVAE COL DIXIE Y481 KINGG KINER

EASTBOUND
TRANSITION TO NEW YORK OCEANIC CTA/FIR

VIA: ORF AR9 ZIBUT

All operators transitioning the New York Center West Atlantic Route System (WATRS) via ZIBUT intersection, en route to the New York Center North Atlantic MNPS airspace, are encouraged to flight plan via:

ZIBUT direct **LARGE** direct SLATN or JOBOC or DOVEY

Operators opting to flight plan via any other fix or latitude/longitude coordinates east of ZIBUT intersection shall expect no higher than FL290 and may be rerouted to accommodate WATRS non–radar traffic.

NOTE–This route may be filed bi–directionally

NORTHBOUND
NORTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS TO NEW YORK METROPOLITAN AREA

All northbound operators exiting New York Center's West Atlantic Route System (WATRS) on routes L453, L454, L455, L456, L457, L459, AND L461 shall flight plan and file the following transition routes to join domestic routing:

ATS ROUTE	WATRS EXIT ROUTING To JFK	WATRS EXIT ROUTING To EWR and satellites
L453	SAUCR VIRST Y494 YAALE Y495 CAMRN	SAUCR VIRST Y494 YAALE Y497 SUBBS CYN GXU RBV V249 METRO
L454 and L457	OKONU YAALE Y495 CAMRN	OKONU MOUGH Y497 SUBBS CYN GXU RBV V249 METRO
L455 and L459	SAVIK YAALE Y495 CAMRN	SAVIK MOUGH Y497 SUBBS CYN GXU RBV V249 METRO
L456 and L461	MARIG YAALE Y495 CAMRN	MARIG MOUGH Y497 SUBBS CYN GXU RBV V249 METRO

For further information contact New York ARTCC Traffic Management Officer at 631-468-1034 or michael.porcello@faa.gov

NORTH SHORE HELICOPTER ROUTE
Long Island, New York

Effective August 6, 2012 UFN, civil helicopter pilots operating VFR along Long Island, New York's northern shoreline between the VPYLD waypoint and Orient Point, must utilize the North Shore Helicopter route and altitude, as published. Deviations are permitted for safety, weather conditions, or transitioning to or from a destination or point of landing. For a detailed explanation of the requirement, see 14 CFR part 93, subpart H.

AEROBATIC PRACTICE AREA
Roxbury, Connecticut

Aerobatic practice area will be conducted between the altitudes of 2500 ft and 4500 ft MSL and performed within an approximate 2 mile radius of a point defined from the CARMEL VOR/DME (CMK) as the 052 degree radial/21.9 GPS–DME fix. It is 8 NM NW of the Oxford, CT airport (OXC).

LASER LIGHT ACTIVITY
Baltimore, Maryland

Laser lgt activity wi an area defined as 39º01´14″N 076º49´40″W (BAL 230012) SFC-FL600 AGL. The system is intermittent, with possible ops occurring 24hrs a day, 7 days a week. The laser beam may be injurious to pilots/aircrews and passengers eyes. The laser is deactivated in the event an acft approaches. Other visual effects, e.g., flash blindness, after image, glare, and distraction may occur. Potomac (PCT) TRACON telephone 540-349-7541 is the FAA coordination facility.

Office of Primary Responsibility (ORP): FAA/ESA/OSG
Contact Information: 404-305-5592
Original: May 2023

SEARCH LIGHT DEMONSTRATION
Baltimore, Maryland
Downtown, at the Inner Harbor
Each evening, seven days per week

A vertical search light beam demonstration will be conducted at the Pier V Hotel, at Baltimore Inner Harbor, Baltimore, Maryland, BAL 028/7. Lat N39º17´24″, Long W76º36´27″. Search light beams are being radiated from the SFC upward. Flashblindness or cockpit illumination may occur at several miles distance.

LASER LIGHT ACTIVITY
Canobie Lake Water Park, Salem, New Hampshire

Laser light shows are being conducted at the Canobie Lake Water Park in Salem, NH. Show orientation and laserbeam projections will be directed in all 360º directions. Laser light beams may be injurious to pilot's/passenger's eyes within 3,000 feet laterally of the light source and surface to 1,650 feet AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The laser will be stationed at N42º47´32″/W071º14´44″ (LWM 310/7.4 DME). Manchester ATCT 1–603–666–7591 will be the coordination facility.

LASER LIGHT DEMONSTRATION
Atlantic City, New Jersey

Laser light demonstrations are being conducted at the Atlantic Park, downtown Atlantic City, New Jersey, 0001–0700 UTC, ACY VORTAC 145/8.5. Approximately: 39º21´31″N/74º26´15″W. Laser light beam may be injurious to pilots/passengers eyes within 100 feet above ground, 100 feet AMSL, 900 feet laterally of the light source. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The Atlantic City ATCT, 609–641–3940, is the coordination facility.

LASER LIGHT DEMONSTRATION
Darien Lake Theme Park, Darien Center, New York

Laser light demonstrations are being conducted at the Darien Lake Theme Park, Darien Center, NY. The show orientation and laser beam projection are directed to the southern half of a circle form this site. Buffalo VOR/DME 100R/12NM. (42º56´04″N/78º23´30″W). Laser light beams may be injurious to pilot's/passenger's eyes within 2,800 feet of the light source, 1,600 feet above ground level. The secondary effect of flash blindness or cockpit illumination may occur beyond these distances. The Buffalo ATCT, 716–633–0664 is the FAA coordination facility.

LASER LIGHT ACTIVITY
LaGuardia, New York

Laser lgt activity wi an area defined as 40º49´17″N 073º56´53″W (LGA316004) SFC-FL360. The system is intermittent, with possible ops occurring 24hrs a day, 7 days a week. The laser beam may be injurious to pilots/aircrews and passengers eyes for a distance fm SFC-FL360 MSL. However, this system uses a laser hazard reduction radar system to ensure the laser is deactivated in the event an acft approaches, other visual effects, e.g. flash blindness, after image, glare, and distraction may occur at greater distances. LaGuardia (LGA) ATCT, tel 347-846-1716 is the FAA cdn facility.

Office of Primary Responsibility (OPR): FAA/ESA/OSG
Contact Information: 404-305-5592
Amended: June 2023

LASER LIGHT DEMONSTRATIONS
DORNEY THEME PARK, DORNEYVILLE, PENNSYLVANIA

Laser light demonstrations are being conducted at the Dorney Theme Park, northwest of Dorneyville, PA. Show orientation and laserbeam projections directed to the southern quadrant from FJC 210D/10DME (N40º34´47″/W75º32´06″). Laser light beams may be injurious to pilot's/passenger's eyes within 2000 ft laterally of the light source, 500 ft AGL, 1100 ft AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. Allentown ATCT, 1–610–264–4539 is the FAA coordination facility.

MODEL AIRCRAFT ACTIVITY, HARFORD COUNTY MARYLAND

Radio controlled model aircraft operating to 800 feet AGL vicinity of N39º37´30″ W76º18´35″ in Harford County, Maryland.

CHARLESTON, WEST VIRGINIA

Mine blasting approximately 25 NM south and southeast of Charleston, West Virginia as follows:

Mine Blasting HVQ VORTAC 110º 25 DME to 400´ AGL
Mine Blasting HVQ VORTAC 189º 26 DME to 300´ AGL

CAUTION—FISH SPOTTING ACTIVITY—CHESAPEAKE BAY AND COASTAL WATERS

Caution is advised for extensive fish spotter aircraft activity between May 1 and December 1 upwards from 1500 feet above the surface over the Chesapeake Bay and adjacent coastal waters. Pilots should be alert for this activity. For further information contact FAA/Norfolk ATCT on 1–757–460–5142.

BOSTON, MASSACHUSETTS

To avoid the concentration of aircraft arriving and departing Boston, pilots requesting IFR flight at and below altitudes 14,000 feet MSL should file for airways beyond 40 NM from Boston VORTAC between the hours of 0800–2100 local. Traffic to/from Maine and Cape may file V167.

BOURNE, MASSACHUSETTS

Aircraft operation below 2000 ft and within 3 miles of Pave Paws radar site located in Restricted Area 4101 may experience momentary erratic operation of cockpit instruments or navigational equipment. Pilots are encouraged to submit reports of such occurrences to nearest FAA Air Traffic Facility.

SPECIAL NORTH ATLANTIC, CARIBBEAN AND PACIFIC AREA COMMUNICATIONS

VHF air–to–air frequencies enable aircraft engaged in flights over remote and oceanic areas out of range of VHF ground stations to exchange necessary operational information and to facilitate the resolution of operational problems.

Frequencies have been designated as follows:

North Atlantic area:	123.45 MHz
Caribbean area:	123.45 MHz
Pacific area:	123.45 MHz

MILITARY TRAINING ROUTES

The DOD Flight Information Publication AP/1B provides textual and graphic descriptions and operating instructions for all military training routes (IR, VR, SR) and refueling tracks/anchors. Complete and more comprehensive information relative to policy and procedures for IRs and VRs is published in FAA Handbook 7610.4 (Special Military Operations) which is agreed to by the DOD and therefore directive for all military flight operations. The AP/1B is the official source of route data for military users.

CIVIL USE OF MILITARY FIELDS:

U.S. Army, Air Force, Navy and Coast Guard Fields are open to civil fliers only in emergency or with prior permission.

Army Installations, prior permission is required from the Commanding Officer of the installation.

For Air Force installations, prior permission should be requested at least 30 days prior to first intended landing from either Headquarters USAF (PRPOC) or the Commander of the installation concerned (who has authority to approve landing rights for certain categories of civil aircraft). For use of more than one Air Force installation, requests should be forwarded direct to Hq USAF (PRPOC), Washington, D.C. 20330.

Use of USAF installations must be specifically justified.

For Navy and Marine Corps installations prior permission should be requested at least 30 days prior to first intended landing. An Aviation Facility License must be approved and executed by the Navy prior to any landing by civil aircraft.

Forms and further information may be obtained from the nearest U.S. Navy or Marine Corps aviation activity.

For Coast Guard fields prior permission should be requested from the Commandant, U.S. Coast Guard via the Commanding Officer of the field.

When instrument approaches are conducted by civil aircraft at military airports, they shall be conducted in accordance with the procedures and minimums approved by the military agency having jurisdiction over the airport.

AIRCRAFT LANDING RESTRICTIONS

Landing of aircraft at locations other than public use airports may be a violation of Federal or local law. All land and water areas are owned or controlled by private individuals or organizations, states, cities, local governments, or U.S. Government agencies. Except in emergency, prior permission should be obtained before landing at any location that is not a designated public use airport or seaplane base.

Landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service, U.S. Forest Service, and on many areas controlled by the U.S. Army Corps of Engineers, unless prior authorization is obtained from the respective agency.

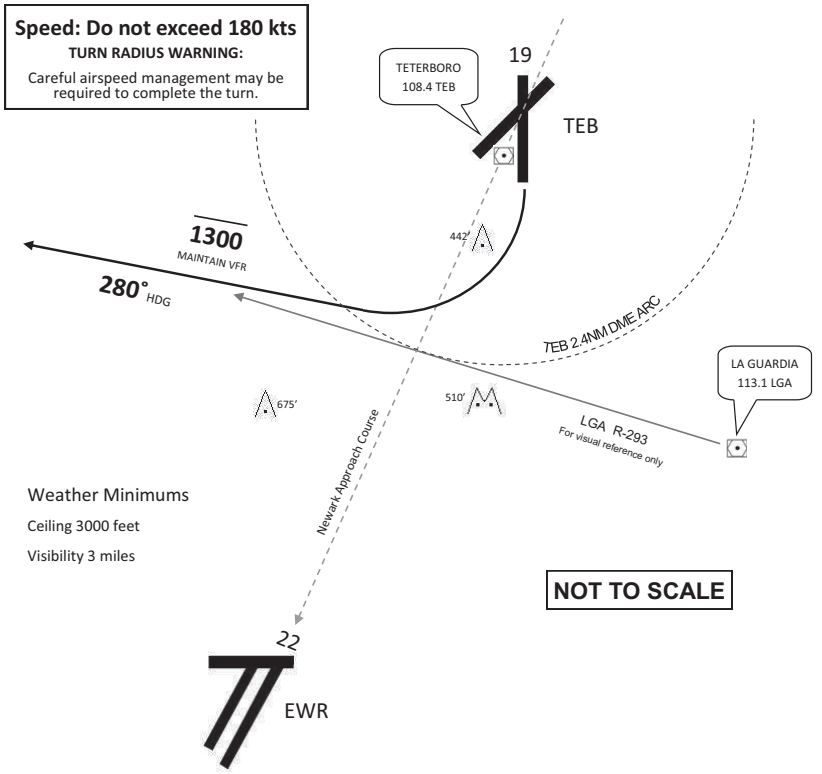
TERMINAL AREA GRAPHIC NOTICE

(Not to be used for navigation)

Teterboro (TEB) Airport Runway 19 Visual Departure Procedure with transition to an IFR clearance when Newark is landing Runway 22 and Teterboro is departing runway 19.

"DALTON 2 DEPARTURE PROCEDURE"

PILOTS SHOULD SPECIFICALLY REQUEST THIS PROCEDURE USING THE ABOVE NAME.



Procedure Instructions

After departure turn right heading **280°**. Maintain at or below **1300'**. Do not exceed **180 kts**. Complete the turn within TEB **2.4 NM** DME. Maintain VFR, if unable advise. Careful airspeed management may be required to complete the turn, depending on takeoff weight and/or aircraft performance.

Expect a climb clearance west of the EWR ILS RWY 22 final approach course. The climb clearance constitutes IFR activation and pilots are expected to resume normal airspeed. Expect control instruction to a departure fix as described in the published TEB standard instrument departure.

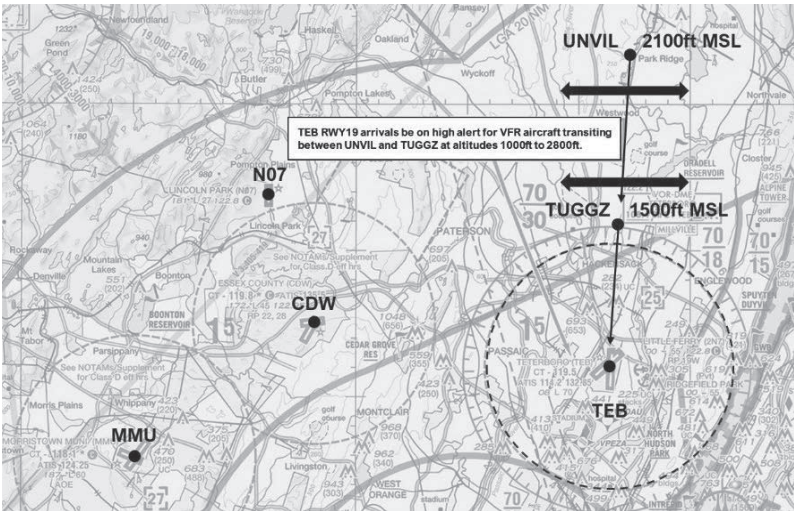
In the event of lost communication prior to IFR activation, squawk 7600 and maintain VFR.

Aircraft unable to comply with the restrictions in this chart must advise tower prior to taxi and request the published standard instrument departure.

TETERBORO (TEB) TRAFFIC AWARENESS

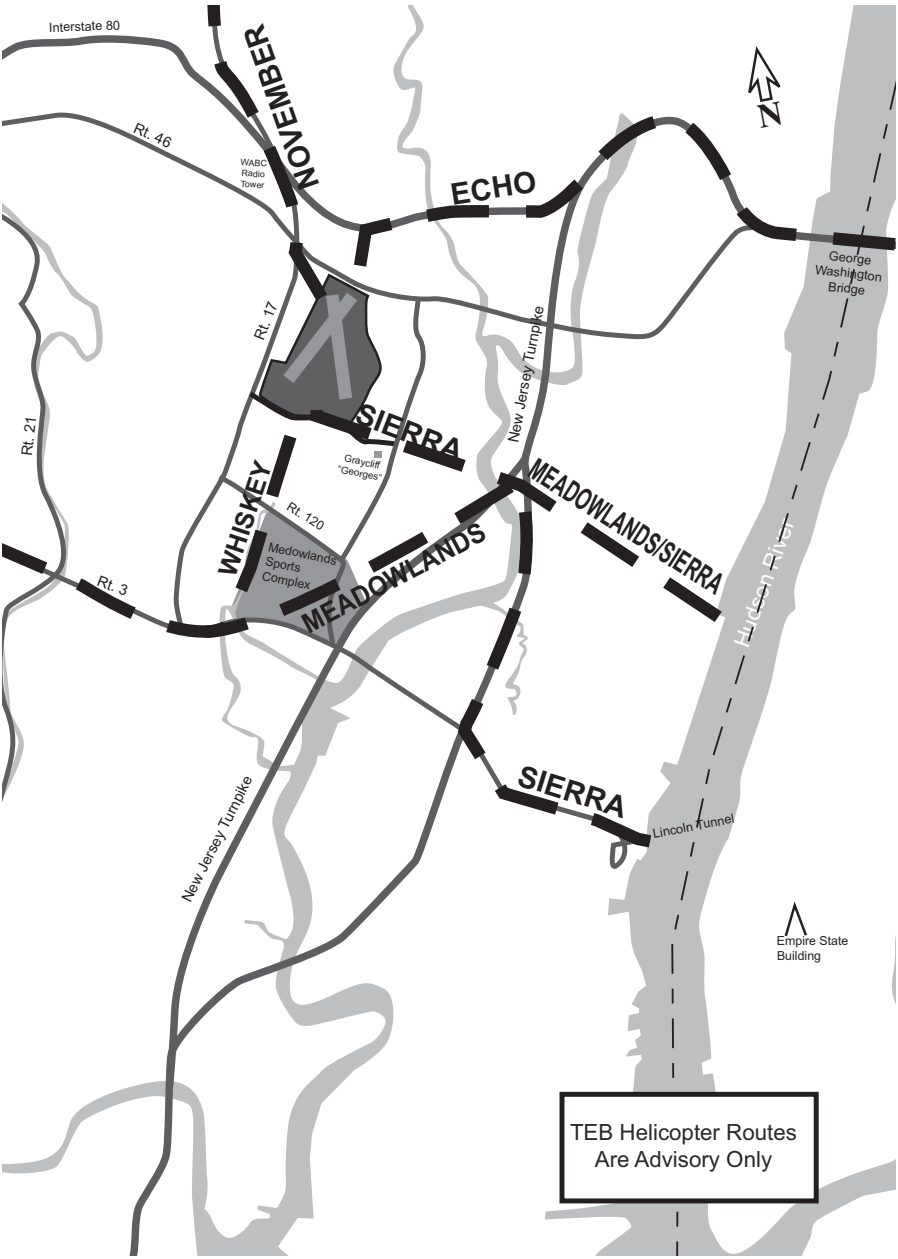
Aircraft arriving on runway 19 into TEB airport should be on high alert for VFR traffic crossing through the final approach path and the resultant increased potential for a Traffic Alert and Collision Avoidance System Resolution Advisory (TCAS RA).

Aircraft transiting west/east from the general areas of Morristown (MMU), Essex County (CDW), or Lincoln Park (N07) should be aware of aircraft on arrival to runway 19 at TEB when weather conditions favor this operation. Extra vigilance is requested for these transiting aircraft at altitudes between 1000ft MSL and 2500ft MSL between TUGGZ and UNVIL as shown in the image below.

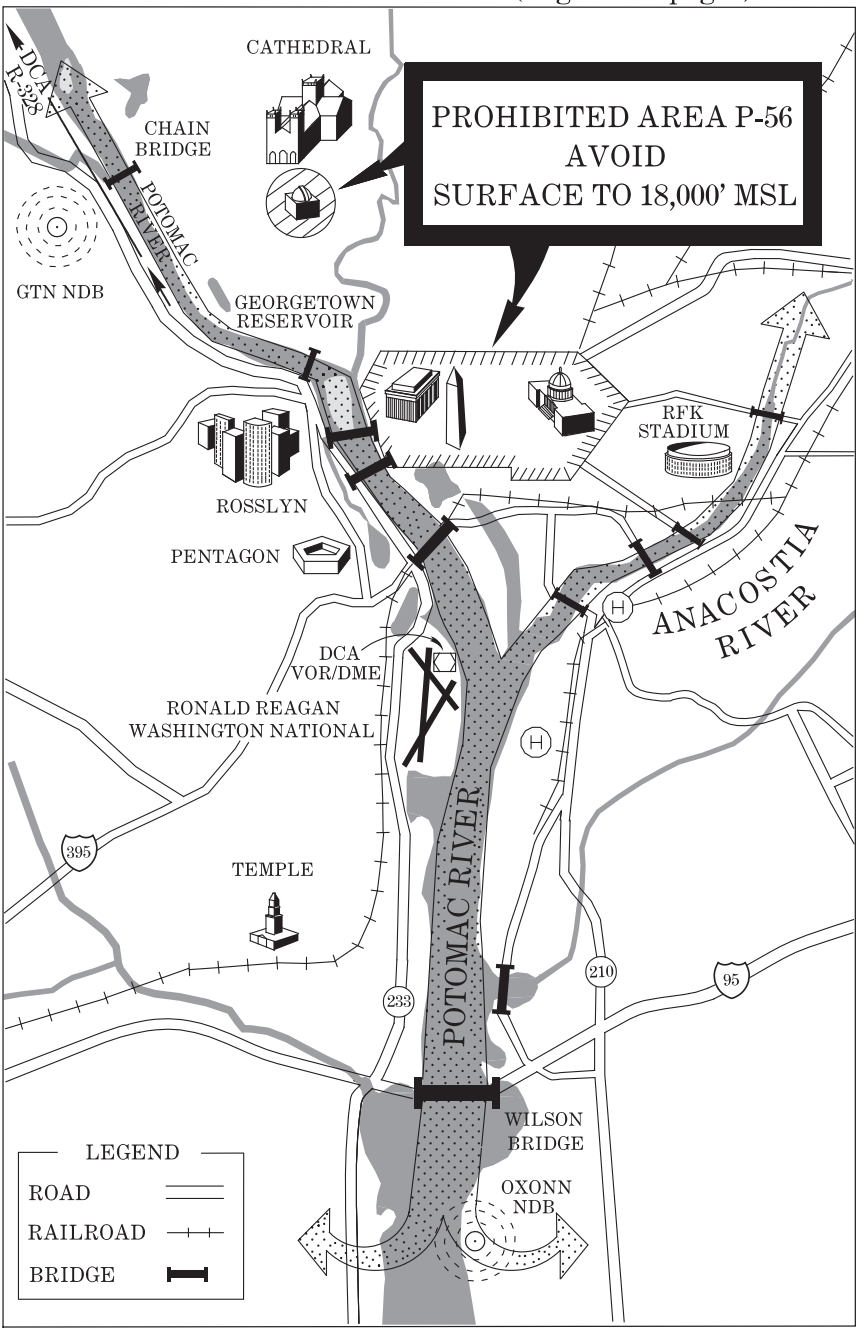


Office of Primary Responsibility (OPR): NY Area Program Integration Office (NYAPIO)-APL
Contact Information: (718) 977-6750
Original: January 2026

TETERBORO HELICOPTER ROUTES



RONALD REAGAN WASHINGTON NATIONAL AIRPORT NOISE ABATEMENT & PROHIBITED AREA (P-56) AVOIDANCE PROCEDURES (Page 1 of 2 pages)



RONALD REAGAN WASHINGTON NATIONAL AIRPORT
NOISE ABATEMENT & PROHIBITED AREA (P–56) AVOIDANCE PROCEDURES
(Page 2 of 2 pages)

P–56 BEGINS APPROXIMATELY 1.5 NM NORTH OF THE DEPARTURE END OF RUNWAY 01–SURFACE TO 18,000´ MSL
REMAIN CLEAR OF P–56 AT ALL TIMES

EXPECT THE PUBLISHED RNAV DEPARTURE PROCEDURE OR ATC INSTRUCTIONS FOR THE FOLLOWING NON–RNAV PROCEDURES

NORTHWEST: Follow the Potomac River until abeam the Georgetown reservoir or the DCA 4 DME, then join the DCA 328 radial, expect radar vectors at 10 DME. A left turn as soon as practicable, especially with a west wind, is required to maintain a ground track over the Potomac River and **remain clear of P–56**. If unable to maintain visual reference to the Potomac River, join the DCA 328 radial.

NORTHEAST: Follow the Anacostia River to 5 DME. A right turn as soon as practicable, especially with a east wind, is required to maintain a ground track over the Anacostia River and **remain clear of P–56**. Expect Radar Vectors at 5 DME. If unable to maintain visual reference to the Anacostia River, then join the DCA 070 radial.

SOUTH: Follow the Potomac River to 5 DME, then expect radar vectors. If unable to maintain visual reference to the Potomac river, then join the DCA 185 radial.

ARRIVAL PROCEDURES

LANDING NORTH: Weather conditions 3000/4 or better, expect the Mount Vernon visual approach. Lower weather conditions, expect the advertised instrument approach.

LANDING SOUTH: Weather conditions 3500/3 or better, expect the River Visual Approach. Lower weather conditions, expect the advertised instrument approach.

NIGHTTIME NOISE LEVELS

From 2200 to 0700 local time, operation of aircraft type and model which exceed the following noise levels violate Metropolitan Washington Airport Authority Regulation (MWAR) 3.11:

DEPARTURES – 72 dBA as generated on takeoff.

ARRIVALS – 85 dBA as generated on approach, except that aircraft scheduled to arrive before 2200 will be permitted to land if they have received an approach clearance before 2230. Ref. MWAR 3.11 and Advisory Circular 36–3.

NIAGARA FALLS FLIGHT RESTRICTION AREA

Part 93—Special Air Traffic Rules; Subpart E—Flight Restrictions in the Vicinity of Niagara Falls, New York

§93.71 General operating procedures

(a) Flight restrictions are in effect below 3,500 feet MSL in the airspace above Niagara Falls, New York, west of a line from latitude 43º06´33″N., longitude 79º03´30″W. (the Whirlpool Rapids Bridge) to latitude 43º04´47″N., longitude 79º02´44″W. (the Niagara River Inlet) to latitude 43º04´29″N., longitude 79º03´30″W. (the International Control Dam) to the United States/Canadian Border and thence along the border to the point of origin.

(b) No flight is authorized below 3,500 feet MSL in the area described in paragraph (a) of this section, except for aircraft operations conducted directly to or from an airport/heliport within the area, aircraft operating on an ATC-approved IFR flight plan, aircraft operating the Scenic Falls Route pursuant to approval of Transport Canada, aircraft carrying law enforcement officials, or aircraft carrying properly accredited news representatives for which a flight plan has been filed.

(c) Check with Transport Canada for flight restrictions in Canadian airspace. Commercial air tour operations approved by Transport Canada will be conducting a north/south orbit of the Niagara Falls area below 3,500 feet MSL over the Niagara River.

(d) The minimum altitude for VFR flight over the Scenic Falls area is 3,500 feet MSL.

(e) Comply with the following procedures when conducting flight over the area described in paragraph (a) of this section:

(1) Fly a clockwise pattern;

(2) Do not proceed north of the Rainbow Bridge;

(3) Prior to joining the pattern, broadcast flight intentions on frequency 122.05 Mhz, giving altitude and position, and monitor the frequency while in the pattern;

(4) Use the Niagara Falls airport altimeter setting. Contact Niagara Falls Airport Traffic Control Tower to obtain the current altimeter setting, to facilitate the exchange of traffic advisories/restrictions, and to reduce the risk of midair collisions between aircraft operating in the vicinity of the Falls. If the Control Tower is closed, use the appropriate Automatic Terminal Information Service (ATIS) Frequency;

(5) Do not exceed 130 knots;

(6) Anticipate heavy congestion of VFR traffic at or above 3,500 feet MSL; and

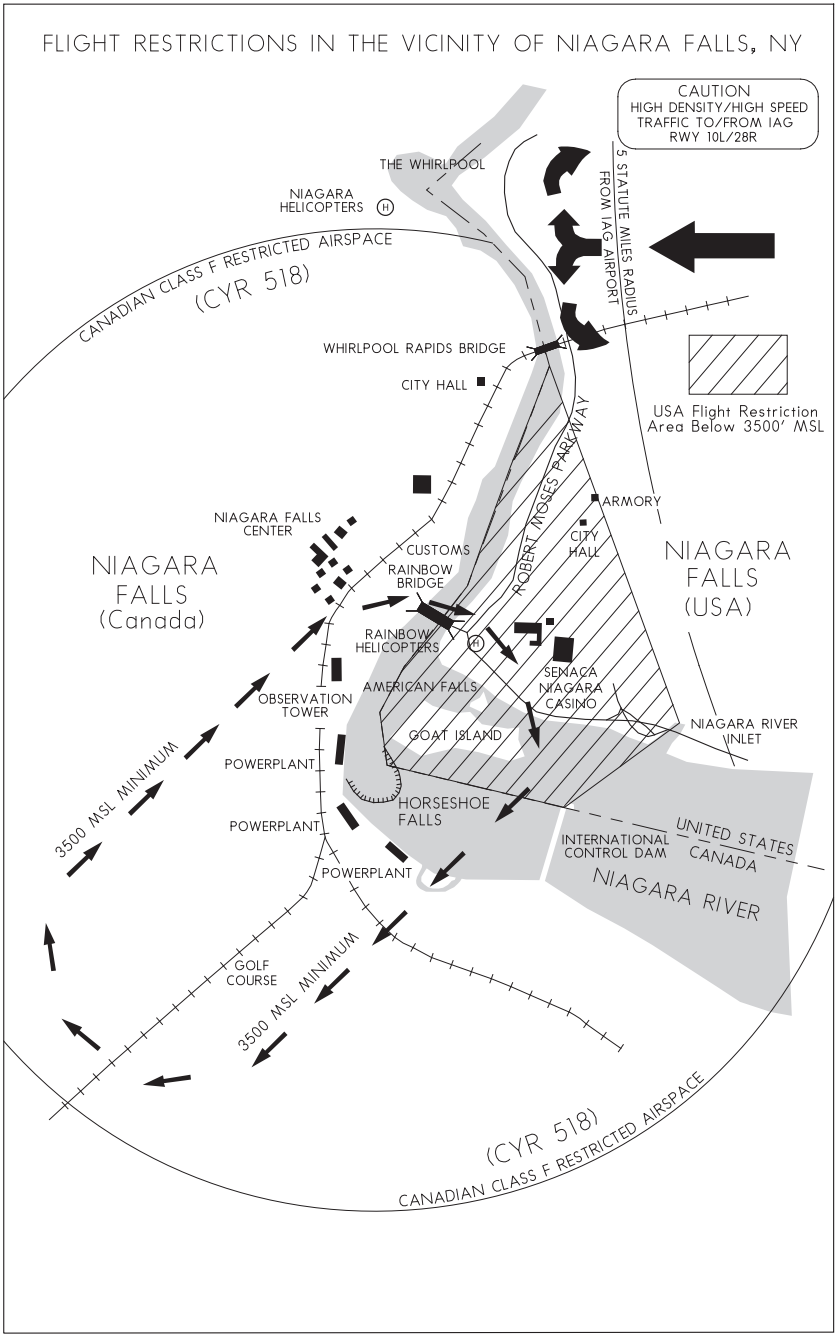
(7) Use caution to avoid high-speed civil and military aircraft transiting the area to or from Niagara Falls Airport.

(f) These procedures do not relieve pilots from the requirements of Sec. 91.113 of this chapter to see and avoid other aircraft.

(g) Flight following, to and from the area, is available through Buffalo Approach.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

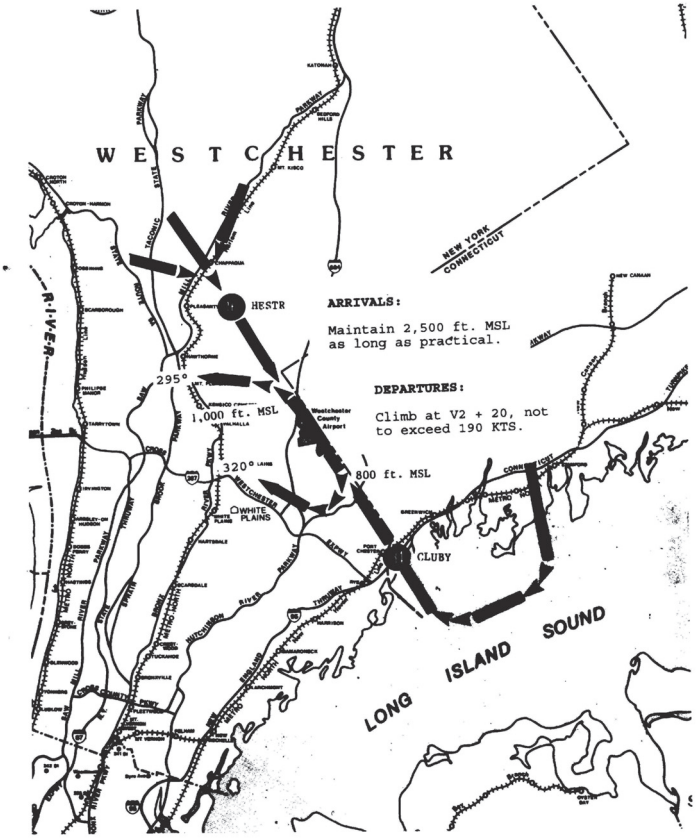


Office of Primary Responsibility (OPR): Air Traffic Organization, Mission Support Services, Policy, Airspace Rules and Regulations
Contact Information: (202) 267-8783
Amended: August 2023

TERMINAL AREA GRAPHIC NOTICE
(NOT TO BE USED FOR NAVIGATION)

White Plains, New York
WESTCHESTER COUNTY AIRPORT NOISE ABATEMENT PROCEDURES

Noise abatement procedures in effect at all times, contact 914–995–4861.
Airport located in noise sensitive area. Noise monitoring and positive aircraft and helicopter event identification in effect at all times.
High Range Noise Event program: Operators that cause noise levels at or above 93 dBA will be contacted.
Voluntary restraint from flying time period is from midnight to 6:30 am local time. Limit use of reverse thrust.
Run-ups: Must receive prior approval from airport operations. No aircraft with certificated maximum gross weight in excess of 120,000 lbs shall land or take off at the airport without prior permission of the Airport Manager.
For all aircraft above 12,500 lbs: Use SIDs and STARs for noise abatement, conditions permitting; utilize Sound Visual Approach to Runway 34; turn final for Runway 16 outside outer marker.
All runways: Utilize NBAA "standard" departure procedures, or AC91–53A "distant" noise abatement departure procedure.
Light aircraft: Runway 34 departures north and eastbound, fly over interstate until reaching 1,500 feet MSL, then on course.
Touch-and-go's: Runway 29 recommended traffic pattern in effect.
Helicopters: Use New York Helicopter Route Chart for noise abatement, fly routes at or above 2,000 ft MSL.
Copies of noise abatement procedures are available.



TERMINAL AREA GRAPHIC NOTICE
(NOT TO BE USED FOR NAVIGATION)

Nantucket, Massachusetts
Nantucket Memorial Airport VFR Noise Abatement Procedures

Noise abatement procedures in effect at all times, contact (508) 325-7531. Additional detailed noise abatement procedures via internet at **www.NantucketAirport.com/noise.htm.**

ARRIVALS

CONTACT NANTUCKET TOWER (118.3) 15 MILES OUT FOR LANDING INSTRUCTIONS

SINGLE ENGINES - (Pattern speed 130 knots or less) Plan to overfly island high (2000'+ AGL). Expect L/R base landing Runway 30 or Runway 33 when x-winds are under 12 knots. Descend offshore for landing whenever possible.

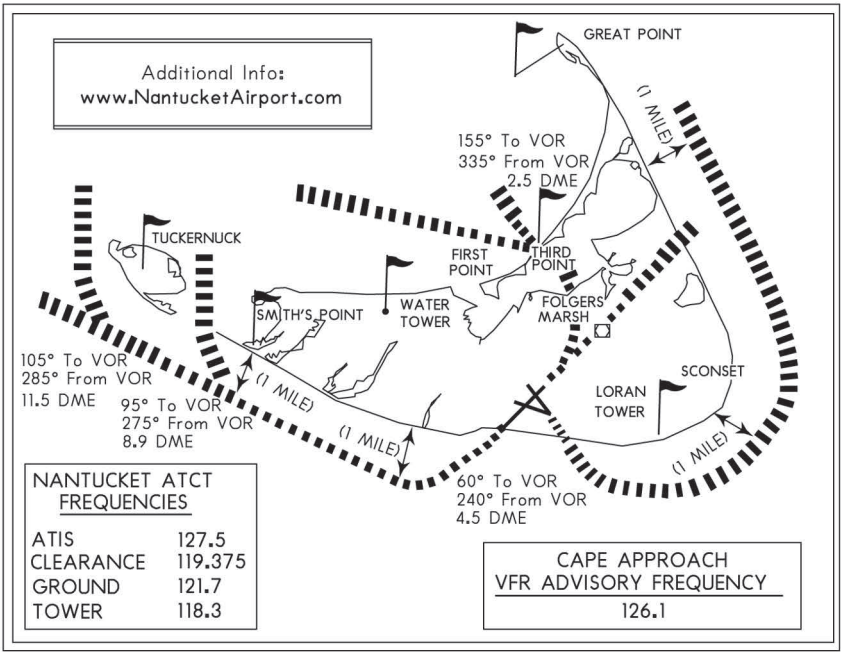
TWINS - Remain over water and expect to land on Runway 24 (wind permitting). Contact Tower for landing sequence abeam Great Point. Cross Third Point at 1000' AGL. Follow Folgers Marsh (right base) for landing on Runway 24.

TURBOPROPS/JETS - Remain over water and expect straight in approach to Runway 24 (wind permitting). Enter final approach offshore outside Outer Marker.

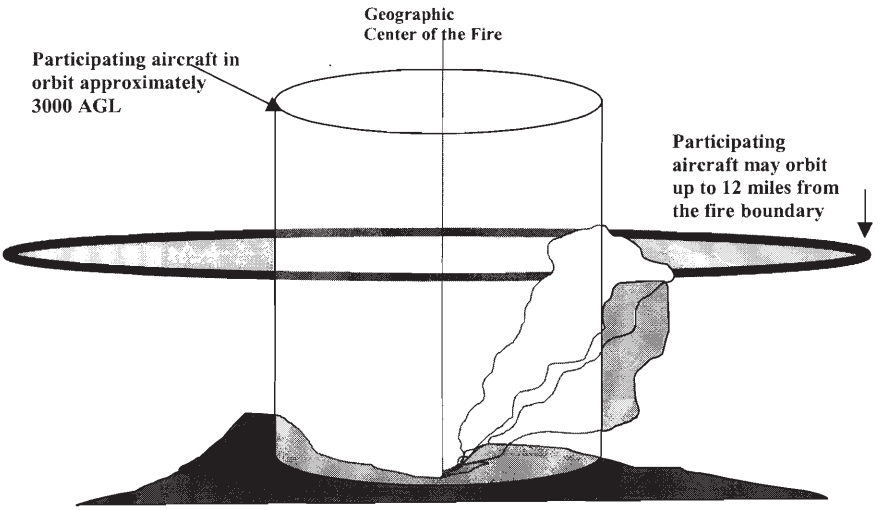
DEPARTURES

Make maximum use of over water departure routes, maintaining 1 mile offshore and avoid island crossings whenever possible.

GENERAL AVIATION/AIRLINE CORRIDORS



FIREFIGHTING TRAFFIC AREA



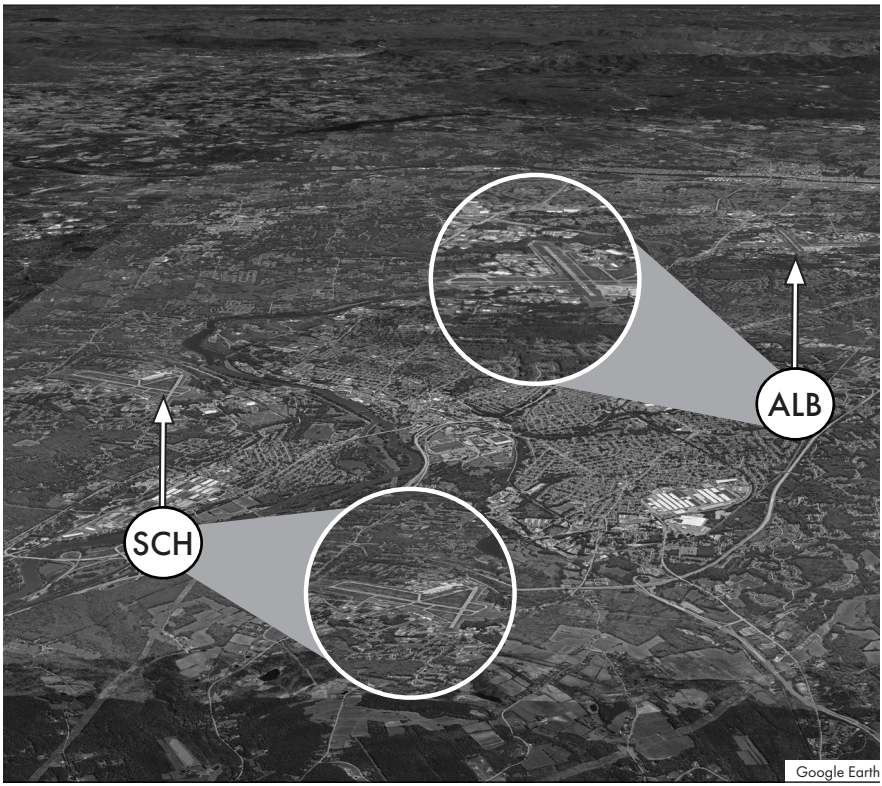
Pilots are advised to stay clear of Firefighting Traffic Areas. Remain 15 miles from the area of activity. If you must over-fly the area, do so at an altitude of 5000 feet AGL above. However, to remain safe and out of the way of working aircraft, it is best to circumnavigate the area.

The wild-land fire environment can be very complex and involve a large number and variety of aircraft types including fixed and rotary wing aircraft. Some of the aircraft are small single and multi-engine command and control platforms that can be especially difficult to see and may give the appearance that the fire is not staffed. The aircraft participating in firefighting can orbit as far out as 12 miles from the perimeter of the fire. Any intrusion by aircraft not directly involved in the firefighting operation could delay the delivery of much needed retardant or water to ground firefighters and will adversely affect the safety of participating aircraft. Please stay well away from wild-land fires even if you feel that aircraft are not working the fire; they may be en route or unseen.

If you see a fire developing along your route, report it immediately to air traffic control who will advise the US Forest Service. The firefighting community would welcome this information.

ALBANY INTERNATIONAL AIRPORT (ALB) ARRIVAL ALERT

Wrong Airport Landing
Landing East
ALB and Schenectady County Airport (SCH)

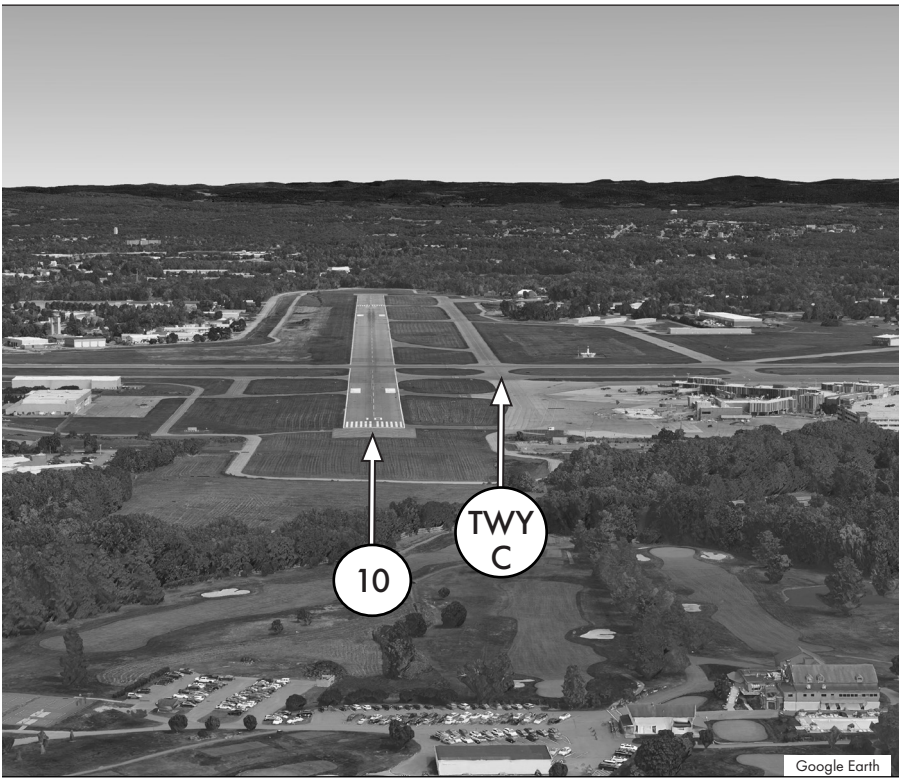


Pilots sometimes confuse SCH airport for ALB when approaching from the west for Runway 19.

Not for Navigational Purposes
For Situational Awareness Only

ALBANY INTERNATIONAL AIRPORT (ALB)
ARRIVAL ALERT

Landing East
RWY 10 and TWY C

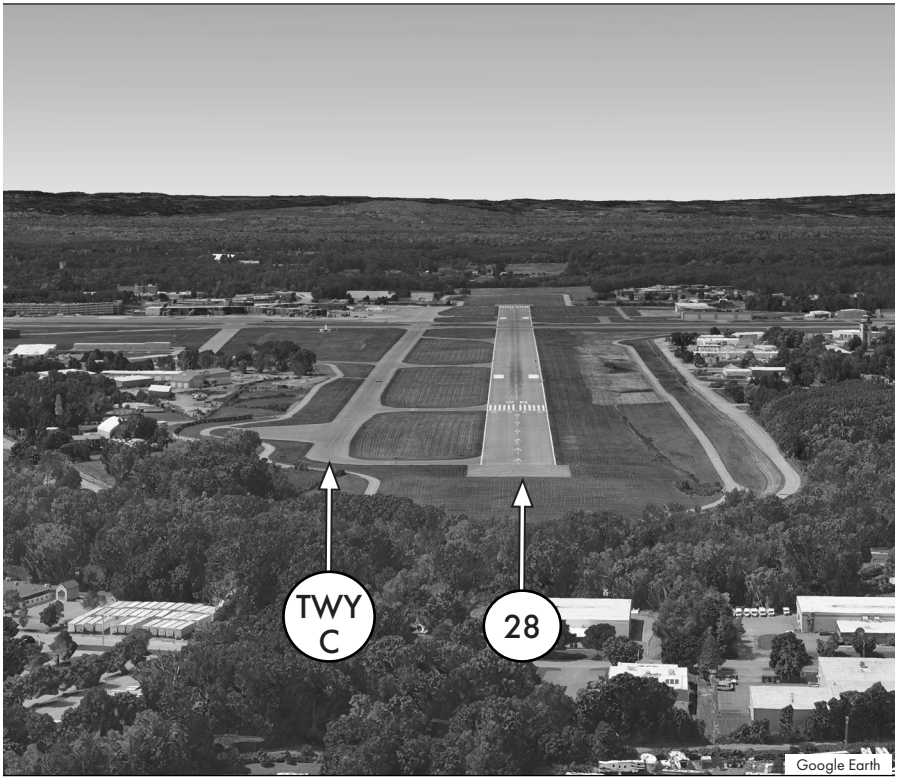


Pilots sometimes confuse TWY C for RWY 10.

Not for Navigational Purposes
For Situational Awareness Only

ALBANY INTERNATIONAL AIRPORT (ALB)
ARRIVAL ALERT

Landing West
RWY 28 and TWY C

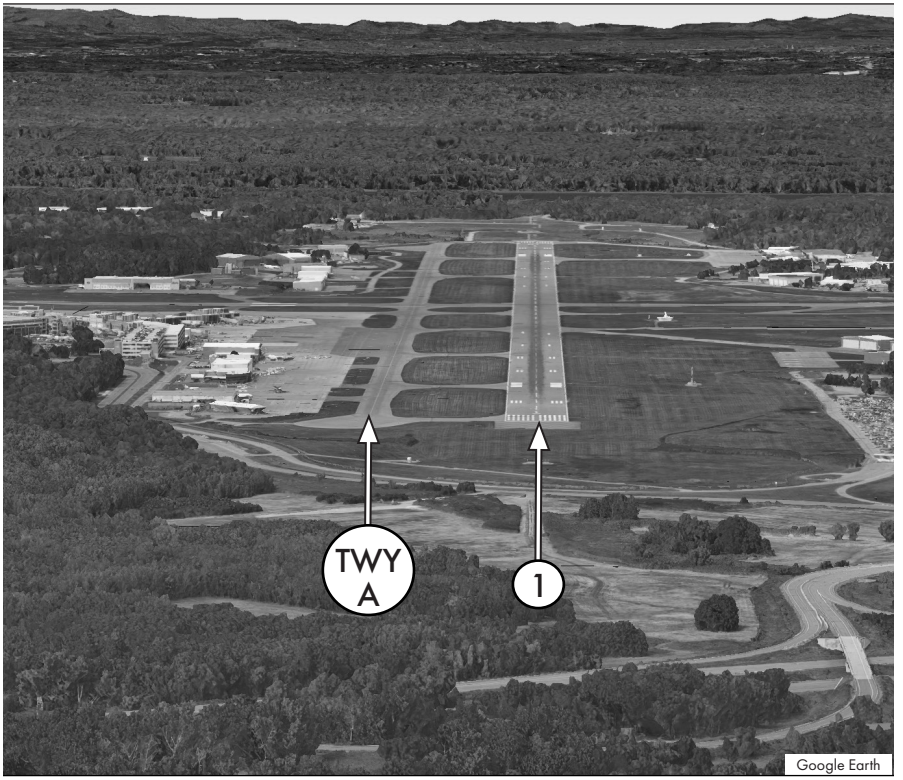


Pilots sometimes confuse TWY C for RWY 28.

Not for Navigational Purposes
For Situational Awareness Only

ALBANY INTERNATIONAL AIRPORT (ALB)
ARRIVAL ALERT

Landing North
RWY 1 and TWY A

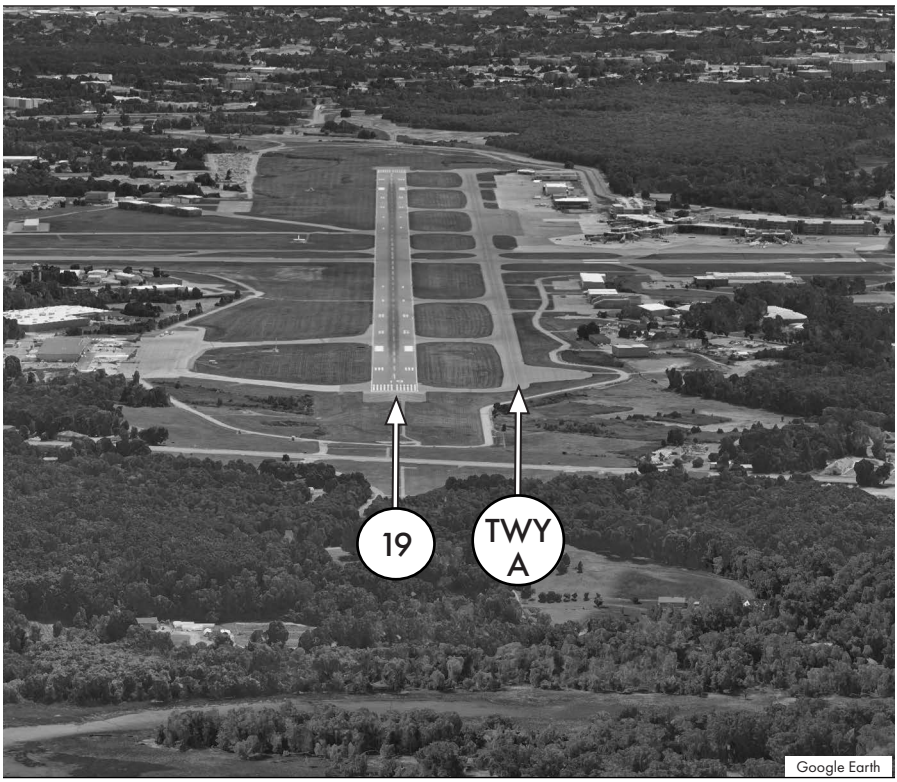


Pilots sometimes confuse TWY A for RWY 1.

Not for Navigational Purposes
For Situational Awareness Only

ALBANY INTERNATIONAL AIRPORT (ALB)
ARRIVAL ALERT

Landing South
RWY 19 and TWY A



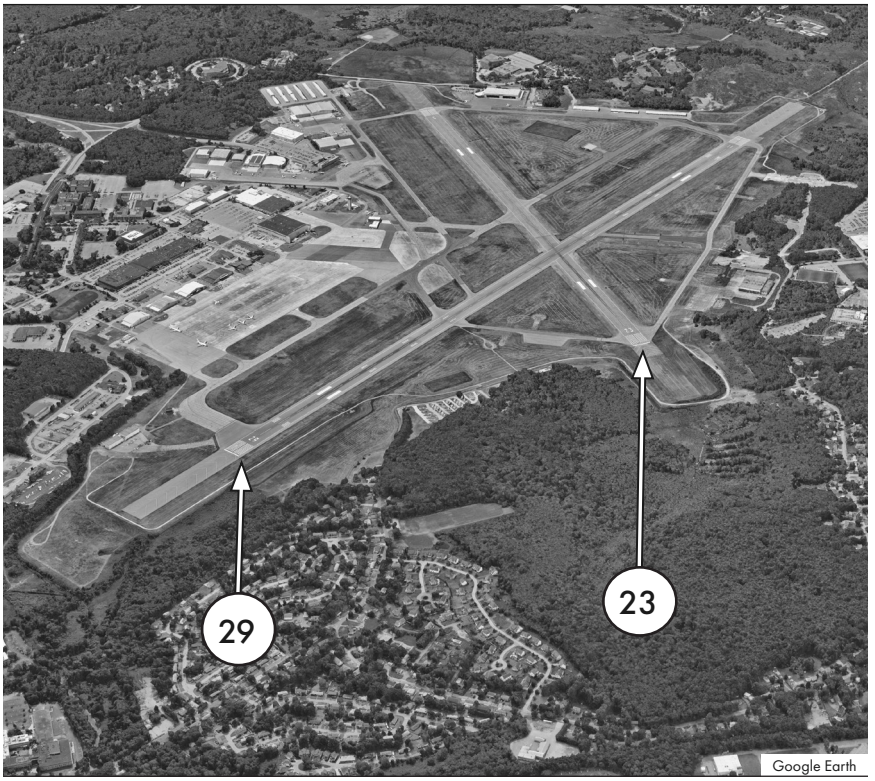
Pilots sometimes confuse TWY A for RWY 19.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (404) 305-6459
Original: August 2025

LAURENCE G. HANSCOM FIELD (BED)
ARRIVAL ALERT

Landing West
RWY 29 and RWY 23



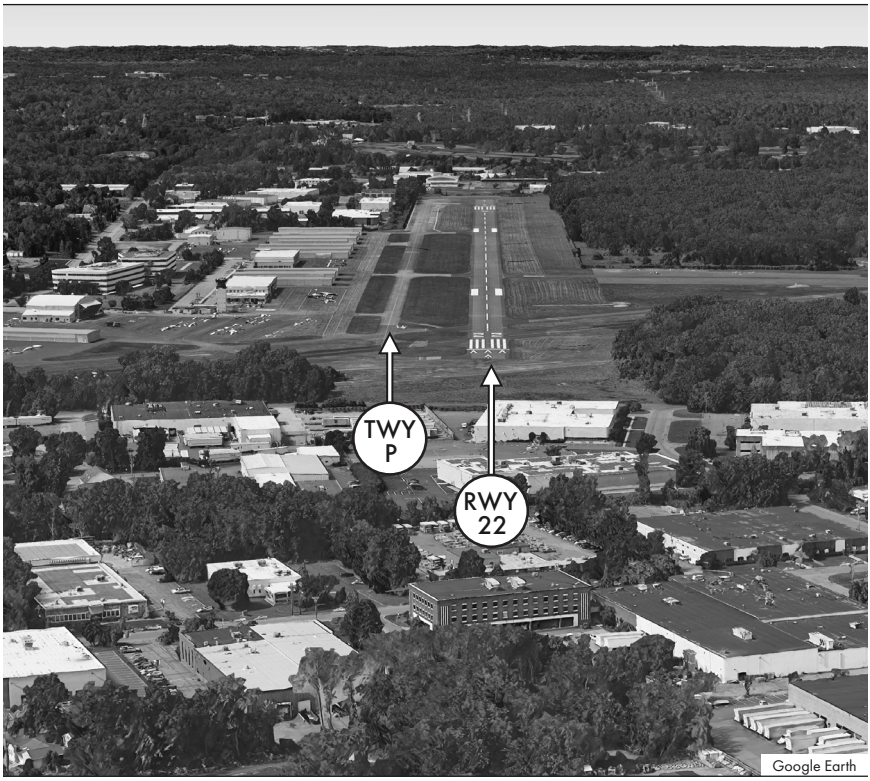
Pilots confuse RWY 23 for RWY 29 due to terrain features and/or proximity of runway thresholds.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: January 2024

ESSEX COUNTY AIRPORT (CDW)
ARRIVAL ALERT

Landing Southwest
RWY 22 and Taxiway P

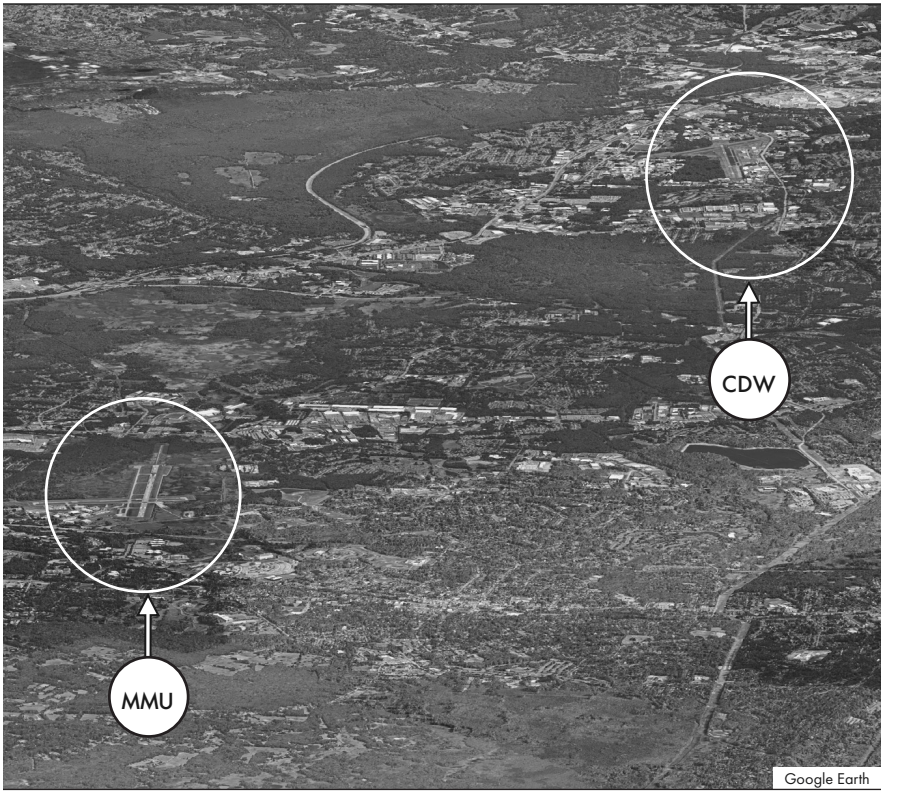


Pilots sometimes confuse Taxiway P for RWY 22.

Not for Navigational Purposes
For Situational Awareness Only

ESSEX COUNTY AIRPORT (CDW) ARRIVAL ALERT

Wrong Airport Landing
Landing Northeast
CDW and Morristown Municipal Airport (MMU)



Similar airport geometry. Pilots be aware that CDW Airport is located approx. 7NM northeast of MMU Airport.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Amended: November 2024

CAPITAL CITY AIRPORT (CXY) ARRIVAL ALERT

Wrong Airport Landing

CXY RWY 30 and MDT RWY 31



CXY and MDT are 3 miles apart. Pilots frequently confuse RWY 31 at MDT and RWY 30 at CXY.

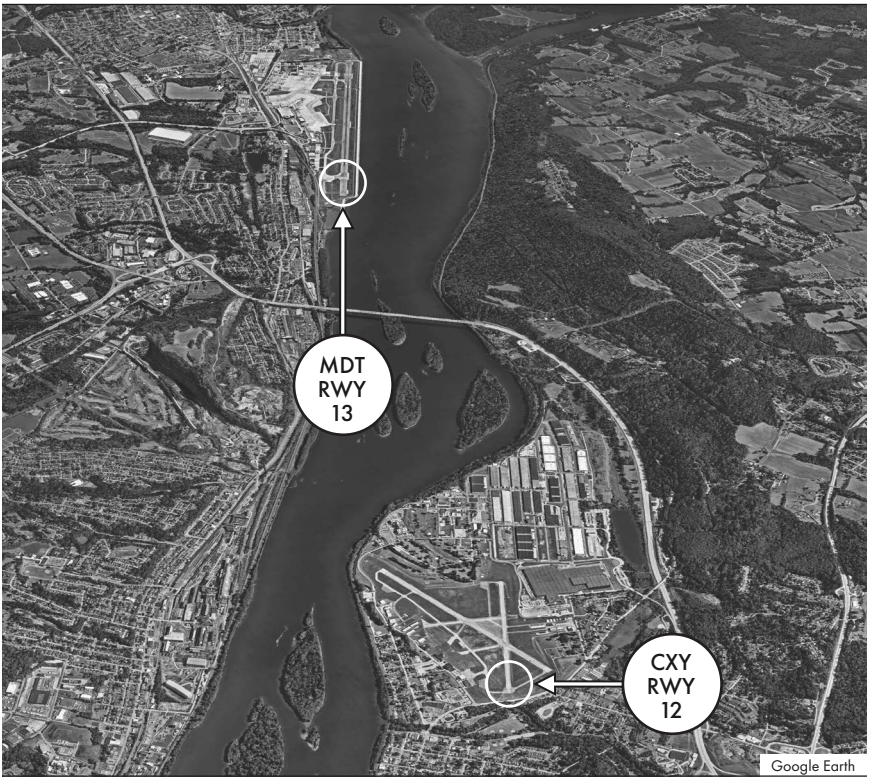
Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: August 2024

HARRISBURG INTL AIRPORT (MDT) ARRIVAL ALERT

Wrong Airport Landing

MDT RWY 13 and CXY RWY 12



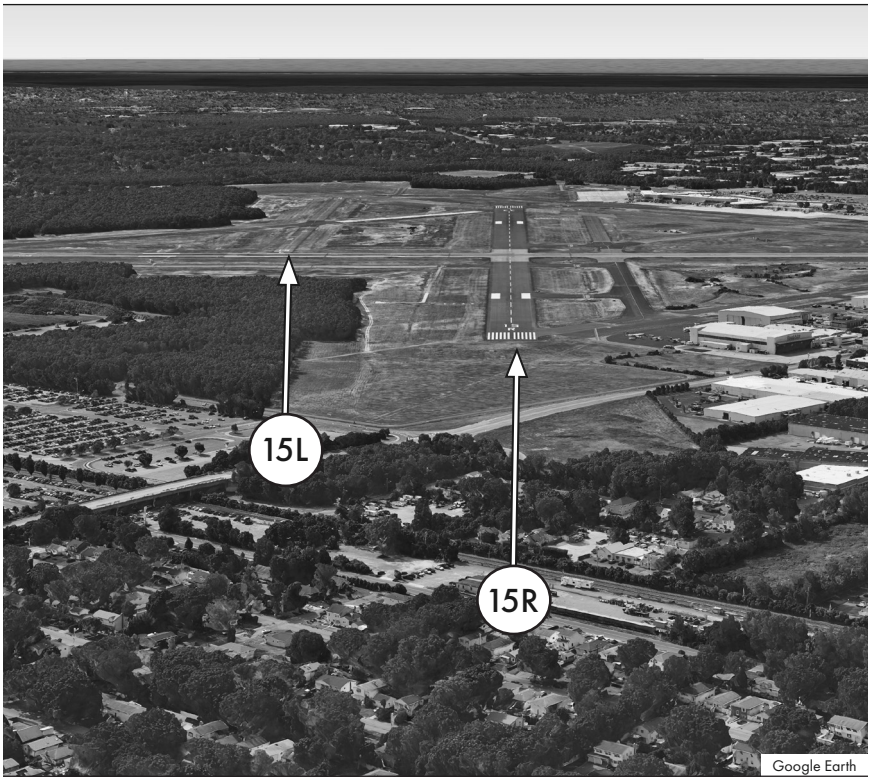
MDT and CXY are 3 miles apart. MDT arrivals frequently mistake RWY 12 at CXY for RWY 13 at MDT.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: August 2024

LONG ISLAND MACARTHUR (ISP) ARRIVAL ALERT

Landing Southeast RWY 15L and RWY 15R



Pilots sometimes confuse RWY 15R and RWY 15L due to proximity of runway thresholds.

Not for Navigational Purposes
For Situational Awareness Only

LONG ISLAND MACARTHUR (ISP) ARRIVAL ALERT

Landing Northwest RWY 33L and RWY 33R



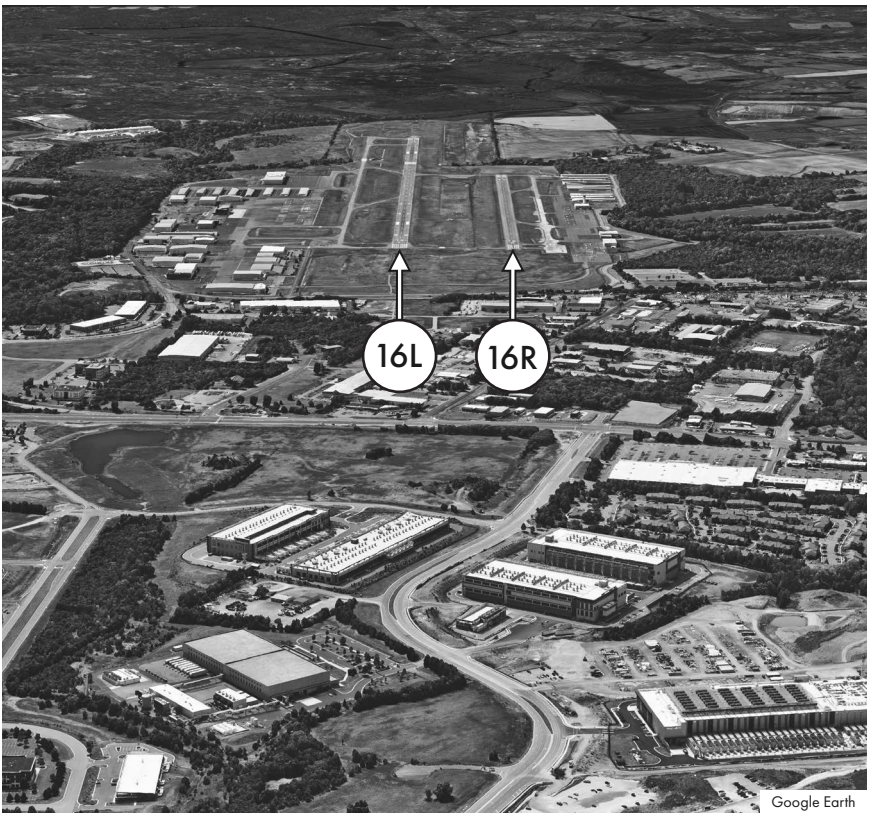
Pilots sometimes confuse RWY 33R and RWY 33L due to proximity of runway thresholds.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: May 2024

MANASSAS REGIONAL AIRPORT (HEF)

Landing South
RWY 16L and RWY 16R

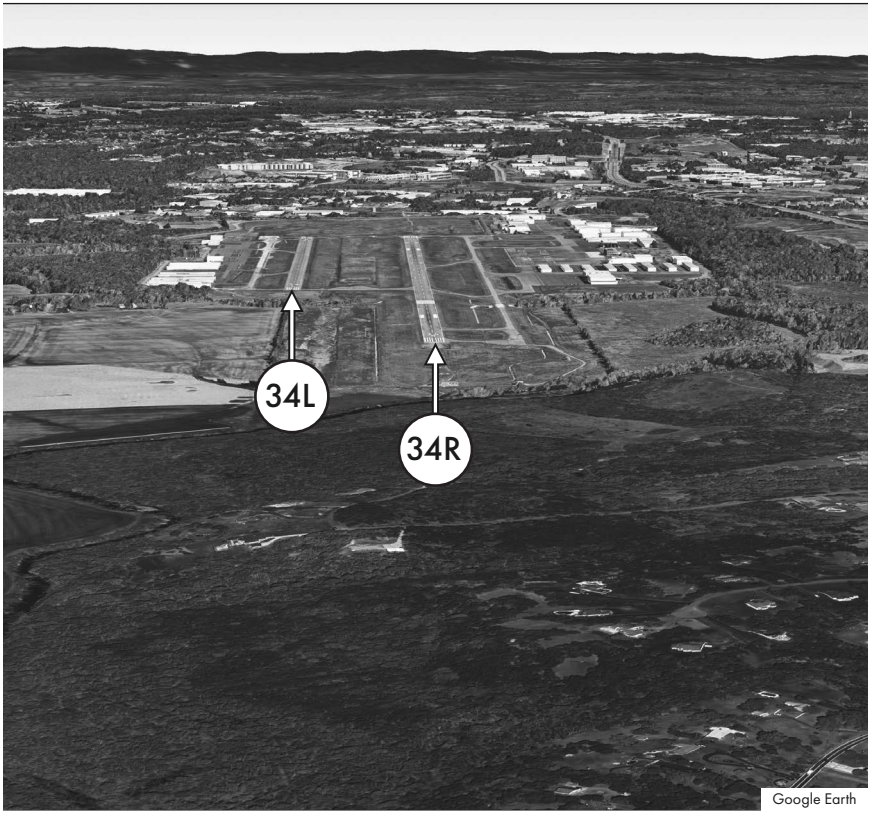


Pilots sometimes confuse RWY 16L and RWY 16R due to proximity of runway thresholds.

Not for Navigational Purposes
For Situational Awareness Only

MANASSAS REGIONAL AIRPORT (HEF)

Landing North
RWY 34R and RWY 34L



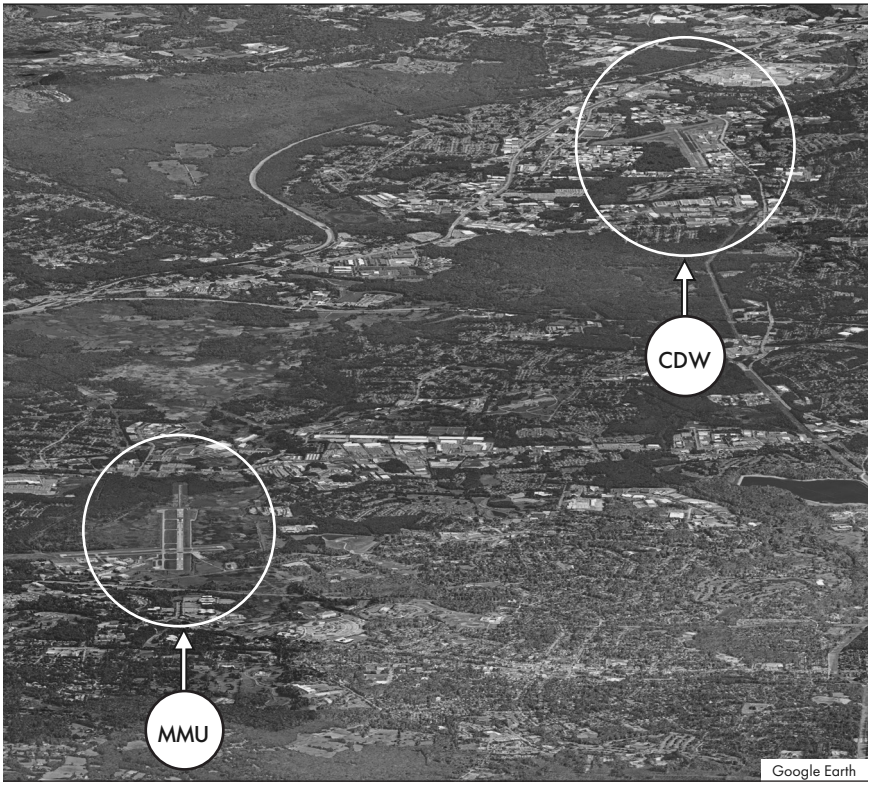
Pilots sometimes confuse RWY 34R and RWY 34L due to proximity of runway thresholds.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: November 2024

MORRISTOWN MUNICIPAL AIRPORT (MMU)
ARRIVAL ALERT

Wrong Airport Landing
Landing Northeast
MMU and Caldwell Essex County Airport (CDW)



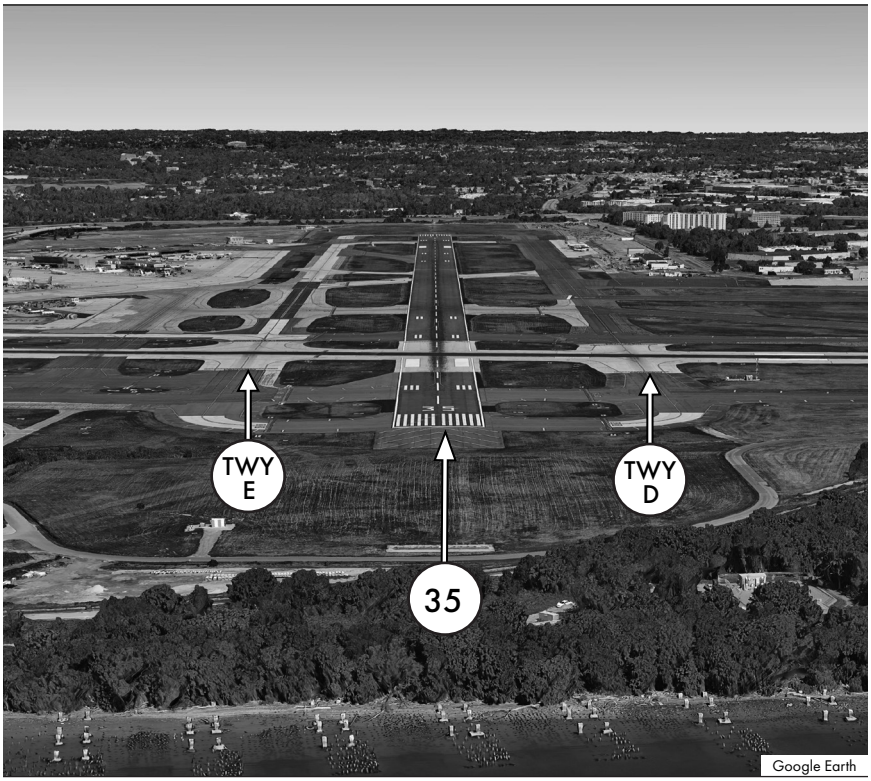
Similar airport geometry. Pilots be aware that MMU Airport is located approx. 7NM southwest of CDW Airport.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: November 2024

PHILADELPHIA INTERNATIONAL AIRPORT (PHL) ARRIVAL ALERT

Landing North RWY 35 and TWYs E and D



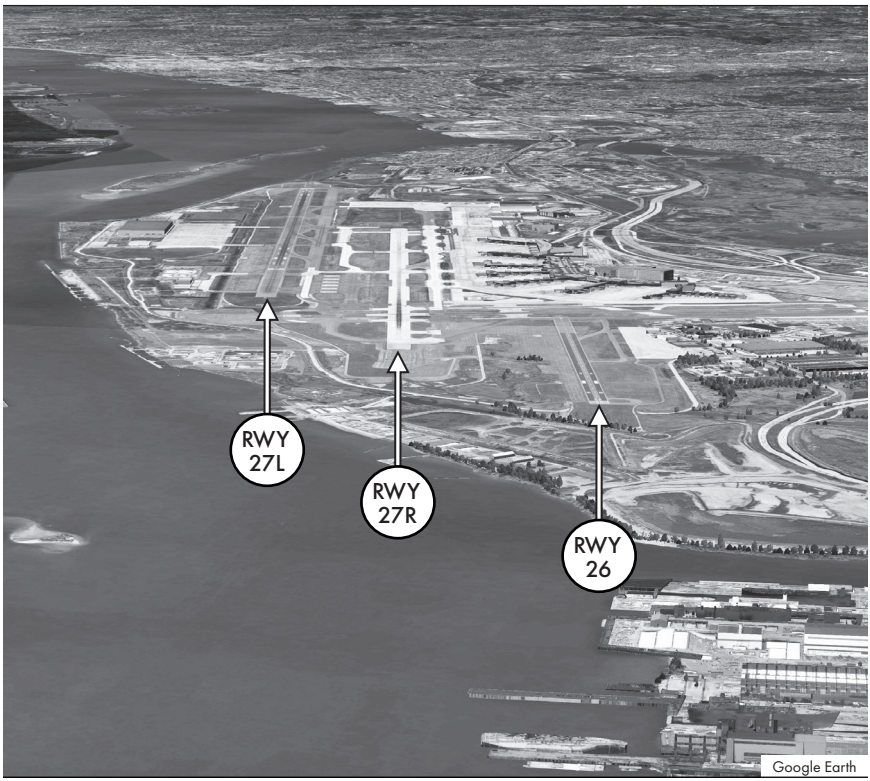
Pilots sometimes confuse TWY E and TWY D for RWY 35.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: April 2024

PHILADELPHIA INTERNATIONAL AIRPORT (PHL) ARRIVAL ALERT

Landing West
RWY 27L and RWY 27R and RWY 26



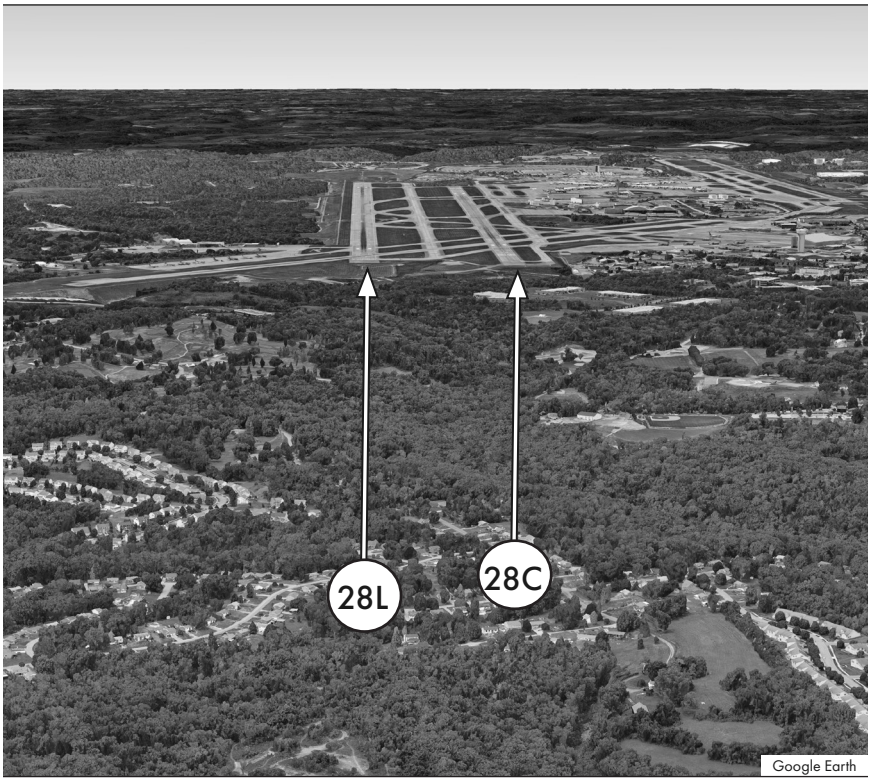
Pilots sometimes confuse RWY 27L and RWY 27R and subsequently RWY 26 is confused for RWY 27R.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (404) 305-6459
Original: August 2025

PITTSBURGH INTERNATIONAL AIRPORT (PIT)
ARRIVAL ALERT

Landing West
RWY 28L and RWY 28C



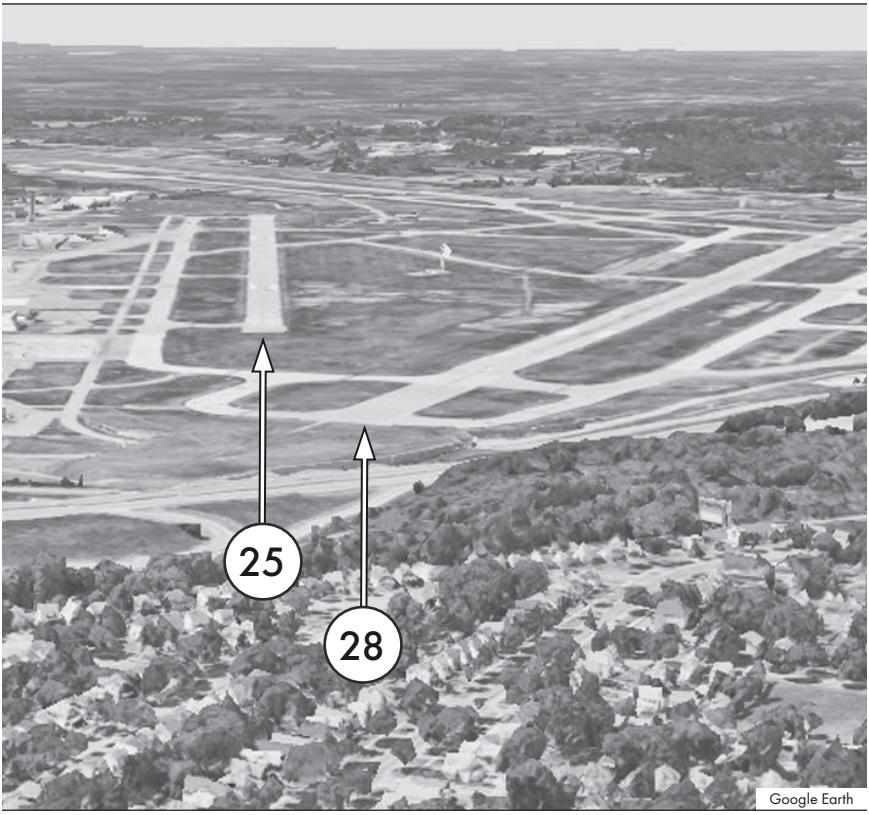
Pilots sometimes confuse RWY 28L and RWY 28C due to proximity of runway thresholds.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: May 2024

ROCHESTER INTL (ROC) ARRIVAL ALERT

Landing Southwest
RWY 25 and RWY 28



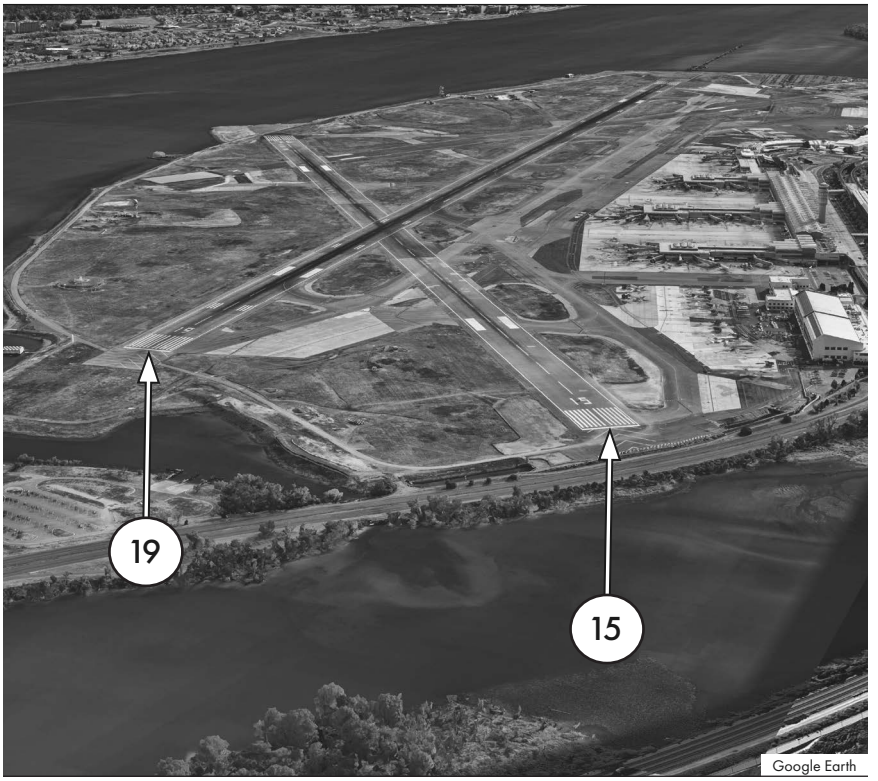
Pilot sometimes confuse RWY 25 and RWY 28.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Amended: January 2024

RONALD REAGAN WASHINGTON INTL (DCA)
ARRIVAL ALERT

Landing South
RWY 19 and RWY 15



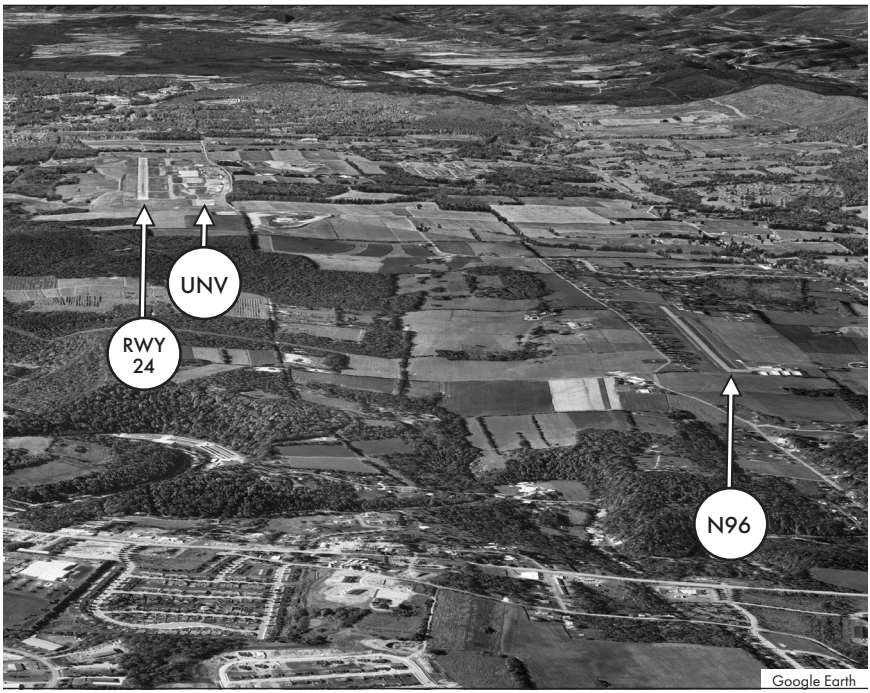
Pilots sometimes confuse RWY 15 for RWY 19 due to proximity of runway thresholds.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: March 2024

STATE COLLEGE REGIONAL AIRPORT (UNV) ARRIVAL ALERT

Wrong Airport Landing
Landing Northeast
UNV and Bellefonte Airport (N96)



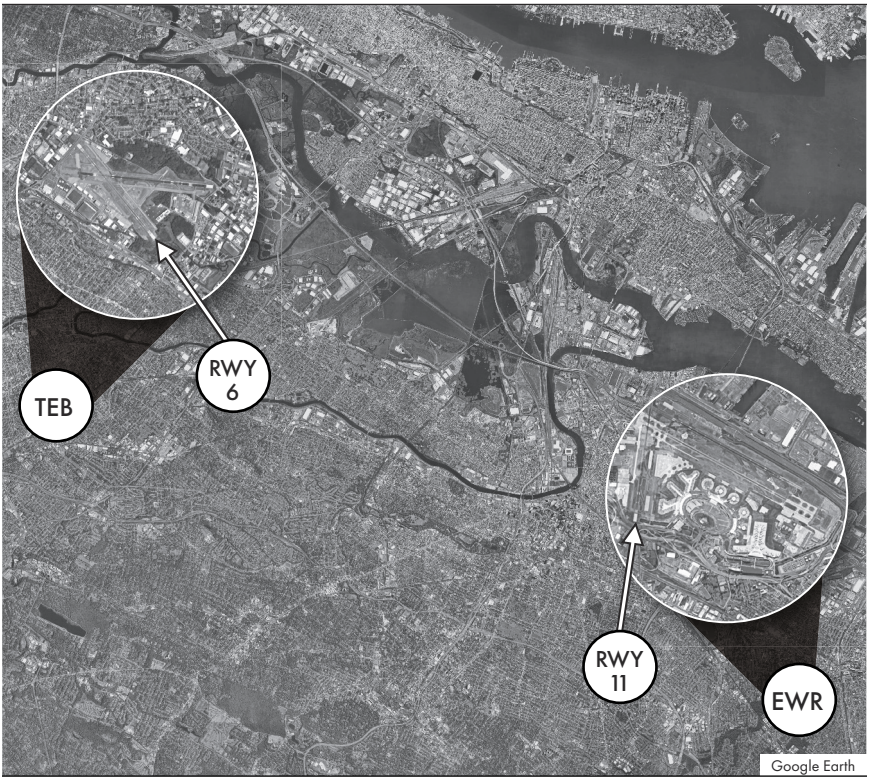
Pilots sometimes confuse N96 airport for UNV when approaching from the Northeast or North typically on a left/right base for Rwy 24 at UNV.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (404) 305-6459
Original: August 2025

TETERBORO AIRPORT (TEB)
ARRIVAL ALERT

Wrong Airport Landing
TEB and Newark International Airport (EWR)



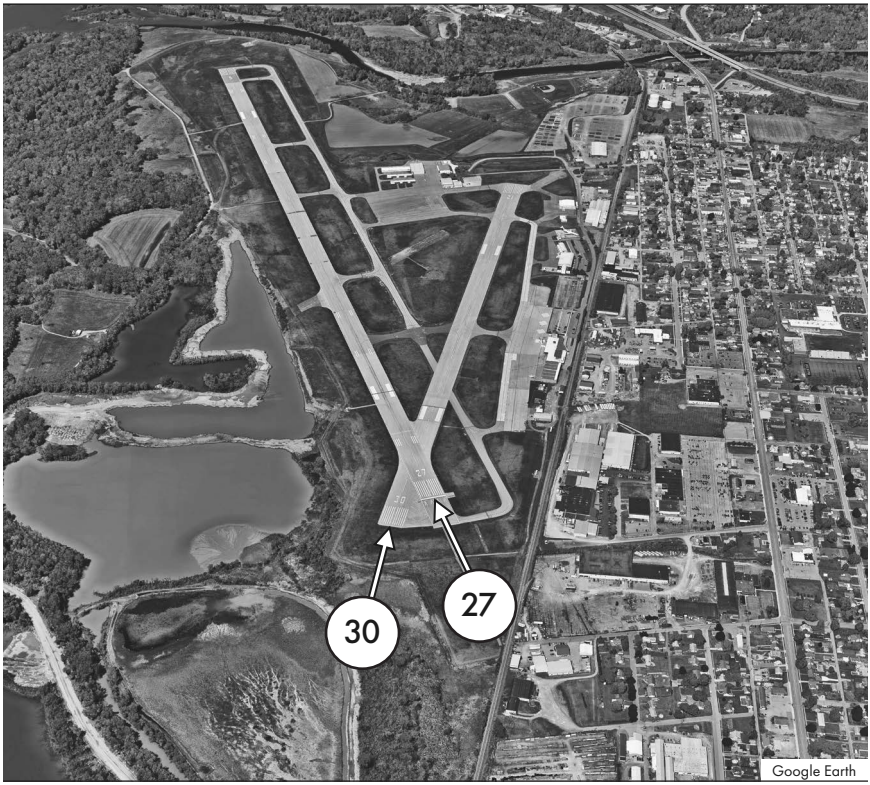
TEB and EWR are approximately 11 miles apart. Traffic arriving RWY 06 at TEB sometimes confuse EWR's RWY 11 for their intended runway at TEB.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (404) 305-6459
Amended: September 2025

WILLIAMSPORT REGIONAL AIRPORT (IPT)
ARRIVAL ALERT

Landing West
RWY 27 and RWY 30



Pilots sometimes confuse RWY 27 and RWY 30.

Not for Navigational Purposes
For Situational Awareness Only

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Original: September 2024

The following narratives summarize the FAR Part 93 Special Air Traffic Rules, and Airport Traffic Patterns in effect as prescribed in the rule. This information is advisory in nature and in no way relieves the pilot from compliance with the specific rules set forth in FAR Parts 91 and 93.

Special Airport Traffic Areas prescribed in Part 93 are depicted on Sectional Aeronautical Charts, Enroute Low Altitude Charts, and where applicable, on VFR Terminal Area Charts.

OPERATIONS RESERVATIONS FOR HIGH DENSITY TRAFFIC AIRPORTS KENNEDY, LAGUARDIA, AND WASHINGTON REAGAN NATIONAL

The Federal Aviation Administration (FAA) has designated New York's Kennedy and LaGuardia Airports and Washington Reagan National Airport as High Density Traffic Airports (HDTA), Title 14, Code of Federal Regulations, part 93, subpart K, and has prescribed air traffic rules and requirements for operating aircraft (excluding helicopters) to and from those airports during certain hours.

Reservations are required for operations from 6 a.m. through 11:59 p.m. local time at LaGuardia Airport and Washington Reagan National Airport. Reservations at Kennedy Airport are required from 3 p.m. through 7:59 p.m. local time.

Reservation procedures are detailed in Advisory Circular 93–1, Reservations for Unscheduled Operations at High Density Traffic Airports. A copy of the advisory circular is available on the FAA website at http://www.faa.gov. Reservations for unscheduled operations are allocated through the Enhanced Computer Voice Reservation System (e–CVRS) accessible via telephone or the Internet. This system may not be used to make reservations for scheduled air carrier or commuter flights.

The toll–free telephone number for accessing e–CVRS is 1–800–875–9694 and is available for calls originating within the United States, Canada, and the Caribbean. Users outside the toll–free areas may access e–CVRS by calling the toll number of 703–707–0568. The Internet web address for accessing the e–CVRS is http://www.fly.faa.gov/ecvrs. If you have any questions about reservation requirements or are experiencing problems with the system, you may telephone the Airport Reservation Office at the Air Traffic Control System Command Center at (703) 904–4452.

Requests for instrument flight rules (IFR) reservations will be accepted beginning 72 hours prior to the proposed time of operation at the high–density airport. For example, a request for an 11 a.m. reservation on a Thursday will be accepted beginning at 11 a.m. on the previous Monday.

IFR reservations must be obtained prior to IFR landing or takeoff at an HDTA during slot controlled hours. An air traffic control (ATC) clearance does not constitute a reservation. A reservation does not constitute permission to operate at an HDTA if additional operational limits or procedures are required by NOTAM and/or regulation.

Aircraft involved in medical emergencies will be handled by ATC without regard to a reservation after obtaining prior approval of the ATC System Command Center on (703) 904–4452. ATC will accommodate declared other emergency situations without regard to slot reservations.

NOTE: Visual flight rule (VFR) reservations via ATC for unscheduled operations at LaGuardia are not authorized from 7 a.m. through 8:59 a.m. local time and 4 p.m. through 6:59 p.m. local time, Monday through Friday and Sunday evenings, unless otherwise announced by NOTAM. Both IFR and VFR operations during those time periods must obtain an advance reservation through e–CVRS.

FSS
TELEPHONE NUMBERS

Flight Service Station (FSS) facilities process flight plans and provide flight planning and weather briefing services to pilots. FSS services in the contiguous United States, Hawaii and Puerto Rico, are provided by a contract provider at two large facilities. In Alaska, FSS services are delivered through a network of three hub facilities and 14 satellite facilities, some of which operate part–time and some are seasonal. Because of the interconnectivity between the facilities, all FSS services including radio frequencies are available continuously using published data.

Further information can be found in the Aeronautical Information Manual (AIM).

NATIONAL FSS TELEPHONE NUMBER

Pilot Weather Briefings 1–800–WX–BRIEF (1–800–992–7433)

OTHER FSS TELEPHONE NUMBERS (except in Alaska)

Medevac Flights Only 1–877–LIF–GRD3 (1–877–543–4733)

FLIGHT RESTRICTED ZONE FLIGHTS

Pilots wishing to fly within the Flight Restricted Zone (FRZ) must call the Washington ARTCC Flight Data Unit at 703–771–3476.

Air Traffic Control System Command Center

Main Number..... 540–422–4100

AIR ROUTE TRAFFIC CONTROL CENTERS (ARTCCs)

ARTCC NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #	**CLEARANCE DELIVERY TELEPHONE #
Albuquerque	817–222–5006	7:30 a.m.–4:00 p.m.	505–856–4300	505–856–4561
Anchorage	907–271–5936	7:30 a.m.–4:00 p.m.	907–269–1137	
Atlanta	404–305–5180	7:30 a.m.–5:00 p.m.	770–210–7601	770–210–7692
Boston	404–305–5156	7:30 a.m.–4:00 p.m.	603–879–6633	603–879–6859
Chicago	817–222–5006	8:00 a.m.–4:00 p.m.	630–906–8221	630–906–8921
Cleveland	817–222–5006	8:00 a.m.–4:00 p.m.	440–774–0300	440–774–0490
Denver	206–231–2099	7:30 a.m.–4:00 p.m.	303–342–1600	303–651–4257
Ft. Worth	817–222–5006	7:30 a.m.–4:00 p.m.	817–858–7500	817–858–7584
Honolulu	310–725–3300	7:30 a.m.–4:00 p.m.	808–840–6100	808–840–6201
Houston	817–222–5006	7:30 a.m.–4:00 p.m.	281–230–5300	281–230–5622
Indianapolis	817–222–5006	8:00 a.m.–4:00 p.m.	317–247–2231	317–247–2411
Jacksonville	404–305–5180	8:00 a.m.–4:30 p.m.	904–845–1501	904–845–1592
Kansas City	817–222–5006	7:30 a.m.–4:00 p.m.	913–254–8500	913–254–8508
Los Angeles	661–265–8200	7:30 a.m.–4:00 p.m.	661–265–8200	661–575–2079
Memphis	404–305–5180	7:30 a.m.–4:00 p.m.	901–368–8103	901–368–8453
Miami	404–305–5180	7:00 a.m.–3:30 p.m.	305–716–1500	305–716–1731
Minneapolis	817–222–5006	8:00 a.m.–4:00 p.m.	651–463–5580	651–463–5588
New York	718–995–5426	8:00 a.m.–4:40 p.m.	631–468–1001	631–468–1425
Oakland	310–725–3300	6:30 a.m.–3:00 p.m.	510–745–3331	
Salt Lake City	206–231–2099	7:30 a.m.–4:00 p.m.	801–320–2500	801–320–2568
San Juan	404–305–5180	7:30 a.m.–5:00 p.m.	787–253–8663	787–253–8664
Seattle	206–231–2099	7:30 a.m.–4:00 p.m.	253–351–3500	253–351–3694
Washington	718–995–5426	8:00 a.m.–4:30 p.m.	703–771–3401	703–771–3587

*Facilities can be contacted through the Rgnl Duty Officer during non–business hours.

**For use when numbers or frequencies are not listed in the airport listing

MAJOR TERMINAL RADAR APPROACH CONTROLS (TRACONs)

TRACON NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Atlanta	678–364–6131	7:00 a.m.–3:30 p.m.	678–364–6000
Chicago	817–222–5006	8:00 a.m.–4:00 p.m.	847–608–5509
Dallas–Ft. Worth	817–222–5006	7:30 a.m.–4:00 p.m.	972–615–2500
Denver	425–227–1389	7:30 a.m.–4:00 p.m.	303–342–1500
Houston	817–222–5006	7:30 a.m.–4:00 p.m.	281–230–8400
New York	718–995–5426	8:00 a.m.–4:30 p.m.	516–683–2901
Northern CA	310–725–3300	7:00 a.m.–3:30 p.m.	916–366–4001
Potomac	718–995–5426	8:00 a.m.–4:30 p.m.	540–349–7500
Southern CA	310–725–3300	7:30 a.m.–4:00 p.m.	858–537–5800

*Facilities can be contacted through the Rgnl Duty Officer during non–business hours.

DAILY NAS REPORTABLE AIRPORTS

AIRPORT NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque Intl Sunport, NM	817–222–5006	8:00 a.m.–5:00 p.m.	505–842–4366
Andrews AFB, MD	718–995–5426	8:00 a.m.–4:30 p.m.	301–735–2380
Baltimore/Washington Intl Thurgood Marshall, MD	718–995–5426	8:00 a.m.–4:30 p.m.	410–962–3555
Boston Logan Intl, MA	404–305–5156	7:30 a.m.–4:00 p.m.	617–455–3100
Bradley Intl, CT	404–305–5156	7:30 a.m.–4:00 p.m.	203–627–3428
Burbank/Bob Hope, CA	310–725–3300	7:00 a.m.–5:30 p.m.	818–567–4806
Charlotte Douglas Intl, NC	404–305–5180	8:00 a.m.–4:30 p.m.	704–344–6487
Chicago Midway, IL	817–222–5006	8:00 a.m.–4:00 p.m.	773–884–3670
Chicago O'Hare Intl, IL	817–222–5006	8:00 a.m.–4:00 p.m.	773–601–7600
Cleveland Hopkins Intl, OH	817–222–5006	8:00 a.m.–4:00 p.m.	216–352–2000
Covington/Cincinnati, OH	817–222–5006	8:00 a.m.–4:30 p.m.	859–372–6440
Dallas–Ft. Worth Intl, TX	817–222–5006	8:30 a.m.–5:00 p.m.	972–615–2531
Dayton Cox Intl, OH	817–222–5006	7:30 a.m.–4:00 p.m.	937–415–6800
Denver Intl, CO	425–227–1389	7:30 a.m.–4:00 p.m.	303–342–1600
Detroit Metro, MI	817–222–5006	8:00 a.m.–4:00 p.m.	734–955–5000
Fairbanks Intl, AK	907–271–5936	7:30 a.m.–4:00 p.m.	907–474–0050
Fort Lauderdale Intl, FL	404–305–5180	7:00 a.m.–3:30 p.m.	305–356–7932
George Bush Intercontinental/Houston, TX	817–222–5006	7:30 a.m.–4:00 p.m.	713–230–8400
Hartsfield–Jackson Atlanta Intl, GA	678–364–6131	7:00 a.m.–3:30 p.m.	404–559–5800
Honolulu (Daniel K Inouye Intl), HI	310–725–3300	7:30 a.m.–4:00 p.m.	808–840–6100
Houston Hobby, TX	817–222–5006	8:00 a.m.–5:00 p.m.	713–847–1400
Indianapolis Intl, IN	817–222–5006	8:00 a.m.–4:00 p.m.	317–484–6600
Kahului/Maui, HI	310–725–3300	7:30 a.m.–4:00 p.m.	808–877–0725
Kansas City Intl, MO	817–222–5006	7:30 a.m.–4:00 p.m.	816–329–2700
Las Vegas McCarran, NV	310–725–3300	7:30 a.m.–4:00 p.m.	702–262–5978
Los Angeles Intl, CA	310–725–3300	7:00 a.m.–3:30 p.m.	310–342–4900
Louis Armstrong New Orleans Intl, LA	817–222–5006	7:00 a.m.–4:30 p.m.	504–471–4300
Frederick W Smith Intl, TN	404–305–5180	7:30 a.m.–4:00 p.m.	901–322–3350
Miami Intl, FL	404–305–5180	7:00 a.m.–4:00 p.m.	305–869–5400
Minneapolis/St. Paul, MN	817–222–5006	8:00 a.m.–4:00p.m.	612–713–4000
Nashville Intl, TN	404–305–5180	7:00 a.m.–3:30 p.m.	615–781–5460
New York Kennedy Intl, NY	718–995–5426	8:00 a.m.–4:30 p.m.	718–656–0335
New York La Guardia, NY	718–995–5426	8:00 a.m.–4:30 p.m.	718–335–5461
Newark Liberty Intl, NJ	718–995–5426	7:30 a.m.–4:00 p.m.	973–565–5000
Norman Y. Mineta San Jose Intl, CA	310–725–3300	7:30 a.m.–4:00 p.m.	408–982–0750
Ontario Intl, CA	310–725–3300	7:30 a.m.–4:00 p.m.	909–983–7518
Orlando Intl, FL	404–305–5180	7:30 a.m.–5:00 p.m.	407–850–7000
Philadelphia Intl, PA	718–995–5426	8:00 a.m.–4:30 p.m.	215–492–4100
Phoenix Sky Harbor Intl, AZ	310–725–3300	7:30 a.m.–4:00 p.m.	602–379–4226
Pittsburgh Intl, PA	718–995–5426	8:00 a.m.–4:30 p.m.	412–269–9237
Portland Intl, OR	425–227–1389	7:30 a.m.–4:00 p.m.	503–493–7500
Raleigh–Durham, NC	404–305–5180	8:00 a.m.–4:30 p.m.	919–380–3125
Ronald Reagan Washington National, DC	718–995–5426	8:00 a.m.–4:30 p.m.	703–413–0330
Salt Lake City, UT	425–227–1389	7:30 a.m.–4:00 p.m.	801–325–9600
San Antonio Intl, TX	817–222–5006	8:00 a.m.–4:30 p.m.	210–805–5507
San Diego Lindbergh Intl, CA	310–725–3300	8:00 a.m.–4:30 p.m.	619–299–0677
San Francisco Intl, CA	310–725–3300	7:00 a.m.–3:30 p.m.	650–876–2883
San Juan Intl, PR	404–305–5180	7:30 a.m.–5:00 p.m.	787–253–8663
Seattle–Tacoma Intl, WA	425–227–1389	7:30 a.m.–4:00 p.m.	206–768–2900
St. Louis Lambert, MO	817–222–5006	7:30 a.m.–4:00 p.m.	314–890–1000
Tampa Intl, FL	404–305–5180	7:30 a.m.–4:00 p.m.	813–371–7700
Ted Stevens Anchorage Intl, AK	907–269–1103	7:30 a.m.–4:00 p.m.	907–271–2700
Teterboro, NJ	718–995–5426	8:00 a.m.–4:30 p.m.	201–288–1889
Washington Dulles Intl, DC	718–995–5426	8:00 a.m.–4:30 p.m.	571–323–6375
West Palm Beach, FL	404–305–5180	8:00 a.m.–4:30 p.m.	561–683–1867
Westchester Co, NY	718–995–5426	8:00 a.m.–4:30 p.m.	914–948–6520

*Facilities can be contacted through the Rgnl Duty Officer during non–business hours.

NATIONAL WEATHER SERVICE (NWS)
UPPER AIR OBSERVING STATION (UAOS)
AND
WEATHER RADAR NETWORK



LEGEND

- △ AVIATION WEATHER SERVICE (MILITARY)
- ▲ AIR TRAFFIC CONTROL RADAR
- ★ UPPER AIR OBSERVING STATION/RADAR
- ■ RADAR ONLY
- ● UAOS-BALLOON RELEASE AROUND 1100 UTC AND 2300 UTC DAILY
- o OTHER NWS UPPER AIR STATIONS-BALLOON RELEASE TIMES ARE FLEXIBLE BUT GENERALLY AROUND SUNRISE AND/OR EARLY AFTERNOON

NOTE: FOR RELEASES LATER THAN 1130 UTC AND 2330 UTC, AND FOR SPECIAL RELEASES AT OTHER THAN THE SCHEDULED HOURS, AN AERONAUTICAL INFORMATION MESSAGE WILL BE FILED.

Air Route Traffic Control Center frequencies and their remoted transmitter sites are listed below for the coverage of this volume. Bold face type indicates high altitude frequencies, light face type indicates low altitude frequencies. To insure unrestricted IFR operations within the high altitude enroute sectors, the use of 720 channel communications equipment (25 kHz channel spacing) is required.

ⓇATLANTA CENTER – 121.5 **121.5** 243.0 **243.0 CPDLC (LOGON KUSA) H–6–9–10–12, L–18–22–24–25–26–36, A–1**

Albemarle – 133.15 **133.15** 251.1 **251.1** **(KZTL)**
Anderson – 121.5 **121.5** 243.0 **243.0**
Anniston – 134.95 **134.95** 121.5 **121.5** 323.175 **323.175** 243.0 **243.0**
Athens – 134.2 **134.2** 127.5 **127.5** 120.425 **120.425** 327.15 **327.15** 316.05 **316.05** 290.475 **290.475**
Atlanta/A – 135.0 **135.0** 346.35 **346.35** 317.7 **317.7** 290.475 **290.475**
Augusta – 128.1 **128.1** 322.325 **322.325**
Birmingham – 128.725 **128.725** 127.3 **127.3** 350.325 **350.325** 251.05 **251.05**
Chattanooga – 133.175 **133.175** 132.05 **132.05** 126.675 **126.675** 124.875 **124.875** 363.1 **363.1** 354.025 **354.025** 299.2 **299.2** 257.675 **257.675**
Columbus – 125.575 **125.575** 120.45 **120.45** 353.95 **353.95** 298.85 **298.85**
Crossville – 121.5 **121.5** 243.0 **243.0**
Foothills – 134.8 **134.8** 379.95 **379.95**
Gadsden – 124.5 **124.5** 270.325 **270.325**
Glade Springs – 127.85 **127.85** 269.3 **269.3**
Greensboro – 128.8 **128.8** 124.425 **124.425** 360.825 **360.825** 323.025 **323.025**
Greer – 121.5 **121.5** 243.0 **243.0**
Hampton – 127.125 **127.125** 121.5 **121.5** 119.375 **119.375** 371.95 **371.95** 363.25 **363.25** 268.7 **268.7** 243.0 **243.0**
Hickory – 134.55 **134.55** 132.975 **132.975** 125.15 **125.15** 124.25 **124.25** 121.5 **121.5** 370.35 **370.35** 307.35 **307.35** 290.2 **290.2** 263.0 **263.0** 243.0 **243.0**
Hinch Mountain – 133.6 **133.6** 132.675 **132.675** 125.925 **125.925** 279.5 **279.5** 269.175 **269.175** 254.3 **254.3**
Macon – 134.5 **134.5** 123.95 **123.95** 360.75 **360.75** 269.625 **269.625** 263.075 **263.075**
Millen – 127.95 **127.95** 343.75 **343.75**
Monroeville – 118.55 **118.55** 267.9 **267.9**
Montgomery – 134.6 **134.6** 128.025 **128.025** 125.875 **125.875** 120.55 **120.55** 319.1 **319.1** 292.2 **292.2** 280.1 **280.1** 270.25 **270.25** 243.0 **243.0**
Mount Oglethorpe – 134.8 **134.8** 133.1 **133.1** 127.05 **127.05** 121.35 **121.35** 379.95 **379.95** 377.05 **377.05** 342.425 **342.425** 282.35 **282.35**
Newport – 127.55 **127.55** 269.5 **269.5**
Owing – 135.35 **135.35** 125.625 **125.625** 123.725 **123.725** 327.0 **327.0** 269.1 **269.1** 263.125 **263.125**
Sandersville – 126.425 **126.425**
Sugarloaf Mountain – 132.625 **132.625** 121.5 **121.5** 353.625 **353.625** 243.0 **243.0**
Tri City – 127.85 **127.85** 126.775 **126.775** 120.725 **120.725** 353.575 **353.575** 269.3 **269.3** 257.775 **257.775**
Uniontown – 132.25 **132.25** 343.725 **343.725** 307.15 **307.15** 263.025 **263.025** 252.9 **252.9**
Young Harris – 124.375 **124.375** 353.925 **353.925**
CENTER REMARKS: CPDLC (LOGON KUSA)

Ⓡ**BOSTON CENTER** – 121.5 **121.5** 243.0 **243.0 CPDLC (LOGON KUSA)** **H–10–11–12, L–30–31–32–33–34**

Augusta – 134.95 **134.95** 121.5 **121.5** 307.0 **307.0** 243.0 **243.0** **(KZBW)**

Bangor – 128.05 **128.05** 124.25 **124.25** 120.25 **120.25** 346.4 **346.4** 321.3 **321.3** 319.1 **319.1** 290.5 **290.5** 243.0 **243.0**

Barnstable – 132.9 **132.9** 128.75 **128.75** 370.9 **370.9** 321.3 **321.3** 307.3 **307.3** 290.3 **290.3** 243.0 **243.0**

Berlin – 135.7 **135.7** 282.2 **282.2**

Bridgeport – 121.5 **121.5** 243.0 **243.0**

Bucks Harbor – 133.45 **133.45** 290.5 **290.5** 269.3 **269.3**

Burlington – 121.5 **121.5** 243.0 **243.0**

Calverton – 135.8 **135.8** 132.3 **132.3** 124.525 **124.525** 346.3 **346.3** 292.15 **292.15** 254.375 **254.375**

Caribou – 124.75 **124.75** 121.5 **121.5** 243.0 **243.0** 239.05 **239.05**

Columbia Falls – 133.45 **133.45** 269.3 **269.3**

Concord – 128.325 **128.325** 348.7 **348.7**

Cummington – 132.65 **132.65** 379.1 **379.1**

Gardner – 134.7 **134.7** 123.75 **123.75** 338.2 **338.2** 269.475 **269.475**

Houlton – 128.05 **128.05** (OCEANIC CONTROL–VIA J55) 121.5 **121.5** 120.25 **120.25** 346.4 **346.4** (OCEANIC CONTROL– VIA V39) 319.1 **319.1** (OCEANIC CONTROL– VIA J55) 243.0 **243.0**

Hyannis – 133.45 **133.45** (OCEANIC CONTROL–VIA–J575/J585/C1141/C1142/C1143/C1144/C1145/ C1146) 269.3 **269.3** (OCEANIC CONTROL–VIA–J575/J585/C1141/C1142/C1143/C1144/C1145/ C1146)

Kingston – 134.3 **134.3** 256.9 **256.9**

Lake George – 135.325 **135.325** 133.625 **133.625** 128.325 **128.325** 121.35 **121.35** 360.6 **360.6** 354.1 **354.1** 348.7 **348.7** 257.85 **257.85**

Lebanon – 134.7 **134.7** 121.5 **121.5** 269.475 **269.475** 243.0 **243.0**

Massena – 135.25 **135.25** 377.1 **377.1**

Melrose – 133.325 **133.325** 127.975 **127.975** 353.7 **353.7** 341.7 **341.7**

Millinocket – 134.95 **134.95** 307.0 **307.0**

Montpelier – 135.7 **135.7** 121.5 **121.5** 282.2 **282.2** 243.0 **243.0**

Princeton – 121.5 **121.5**

Rockdale – 133.25 **133.25** 127.375 **127.375** 353.925 **353.925** 279.5 **279.5**

Shelton – 134.0 **134.0** 128.1 **128.1** 126.275 **126.275** 125.575 **125.575** 353.675 **353.675** 317.7 **317.7** 306.3 **306.3** 290.35 **290.35**

St. Albans – 120.35 **120.35** 118.825 **118.825** 342.25 **342.25** 251.075 **251.075**

Turin – 135.25 **135.25** 133.25 **133.25** 123.875 **123.875** 120.35 **120.35** 377.1 **377.1** 342.25 **342.25** 323.0 **323.0** 321.3 **321.3** 279.5 **279.5** 243.0 **243.0**

Utica – 124.125 **124.125** 342.25 **342.25** 273.55 **273.55**

Waterboro – 128.2 **128.2** 118.55 **118.55** 273.45 **273.45** 263.05 **263.05**

Watertown – 121.5 **121.5** 243.0 **243.0**

Whitefield – 121.5 **121.5**

Woodstock – 135.325 **135.325** 133.425 **133.425** 127.65 **127.65** 124.85 **124.85** 118.425 **118.425** 360.6 **360.6** 307.9 **307.9** 277.4 **277.4** 269.2 **269.2** 257.925 **257.925**

Worcester – 126.225 **126.225** 370.9 **370.9**

CENTER REMARKS: THE PROVISION OF ENROUTE PRIM RADAR SVC NOT AVBL IN THE BOS ARTCC WATERTOWN NY AREA AT 12000' & BELOW; ROCKDALE/UTICA NY AREAS AT 11000' & BELOW; DELANCEY NY AREA AT 7000' & BELOW AND IN THE SYRACUSE* CPDLC (LOGON KUSA)

ⓇCLEVELAND CENTER – 121.5 **121.5** 243.0 **243.0 CPDLC (LOGON KUSA)** **H–2–5–10–11–12, L–27–28–29–30–31–32**

Algonac – 134.775 **134.775** 132.25 **132.25** 126.525 **126.525** 379.95 **379.95** 298.875 **298.875** 285.525 **285.525** 269.2 **269.2** 244.575 **244.575** **(KZOB)**
Altoona – 133.075 **133.075** 128.45 **128.45** 124.4 **124.4** 121.5 **121.5** 121.2 **121.2** 327.1 **327.1** 307.1 **307.1** 299.2 **299.2** 276.4 **276.4** 243.0 **243.0**
Belmont – 135.175 **135.175** 126.95 **126.95** 125.425 **125.425** 307.075 **307.075** 291.6 **291.6** 239.3 **239.3**
Bradford – 124.325 **124.325** 121.5 **121.5** 353.85 **353.85** 243.0 **243.0**
Carleton – 135.375 **135.375** 251.125 **251.125** 243.0 **243.0**
Chardon – 120.775 **120.775** 298.95 **298.95**
Dubois – 126.725 **126.725** 121.5 **121.5** 291.65 **291.65** 243.0 **243.0**
Dunkirk – 125.2 **125.2** 256.8 **256.8**
Findlay – 135.1 **135.1** 127.675 **127.675** 121.5 **121.5** 291.725 **291.725** 281.475 **281.475** 243.0 **243.0**
Flint – 126.75 **126.75** 348.75 **348.75**
Freeland – 133.875 **133.875** 127.7 **127.7** 290.425 **290.425** 269.525 **269.525** 243.0 **243.0**
Geneseo – 128.025 **128.025** 323.25 **323.25**
Holland – 120.625 **120.625** 118.625 **118.625** 316.05 **316.05** 306.9 **306.9**
Indianhead – 132.125 **132.125** 363.075 **363.075**
Litchfield – 135.725 **135.725** 134.65 **134.65** 133.525 **133.525** 120.45 **120.45** 360.7 **360.7** 285.625 **285.625** 281.425 **281.425** 263.025 **263.025**
Mansfield – 134.9 **134.9** 133.375 **133.375** 369.9 **369.9** 317.7 **317.7** 290.275 **290.275** 269.475 **269.475** 243.0 **243.0**
Moon Township – 134.475 **134.475** 121.075 **121.075** 385.5 **385.5** 317.45 **317.45** 307.325 **307.325** 254.275 **254.275**
Morgantown – 121.5 **121.5** 243.0 **243.0**
Mount Hope – 120.6 **120.6** 379.275 **379.275** 243.0 **243.0**
Sandusky – 132.45 **132.45** 127.9 **127.9** 119.875 **119.875** 119.325 **119.325** 371.95 **371.95** 348.675 **348.675** 284.625 **284.625** 269.625 **269.625**
Warren – 134.125 **134.125** 132.925 **132.925** 125.875 **125.875** 119.725 **119.725** 351.85 **351.85** 338.35 **338.35** 316.1 **316.1** 307.15 **307.15**
Waterford – 127.075 **127.075** 292.175 **292.175**
Waterville – 128.625 **128.625** 379.2 **379.2**
Wayland – 127.475 **127.475** 124.325 **124.325** 119.375 **119.375** 353.85 **353.85** 346.35 **346.35** 243.0 **243.0** 235.975 **235.975**
CENTER REMARKS: CPDLC (LOGON KUSA)

Ⓡ INDIANAPOLIS CENTER – 121.5 **121.5** 243.0 **243.0 CPDLC (LOGON KUSA) H–5–9–10–12, L–16–25–26–27–29**

Athens – 135.425 **135.425** 125.075 **125.075** 379.975 **379.975** 353.525 **353.525** **(KZID)**
Bible Grove – 257.95 **257.95**
Bluefield – 126.575 **126.575** 121.5 **121.5** 257.85 **257.85** 243.0 **243.0**
Brookville – 120.575 **120.575** 317.625 **317.625**
Catawba – 128.775 **128.775** 123.925 **123.925** 120.475 **120.475** 353.75 **353.75** 346.3 **346.3** 256.7 **256.7**
Charleston – 135.125 **135.125** 134.225 **134.225** 119.525 **119.525** 379.175 **379.175** 322.375 **322.375** 307.3 **307.3**
Columbus – 316.125 **316.125**
Evansville – 132.525 **132.525** 128.3 **128.3** 377.125 **377.125** 291.625 **291.625**
Henryville – 134.275 **134.275** 133.05 **133.05** 128.375 **128.375** 124.775 **124.775** 353.825 **353.825** 317.525 **317.525** 293.225 **293.225** 269.025 **269.025**
Hillsboro – 121.5 **121.5**
Huntingburg – 127.025 **127.025** 322.425 **322.425**
Indianapolis – 133.425 **133.425** 132.775 **132.775** 125.125 **125.125** 124.525 **124.525** 119.55 **119.55** 379.225 **379.225** 370.925 **370.925** 360.775 **360.775** 350.225 **350.225** 299.6 **299.6** 273.475 **273.475**
Livingston – 134.675 **134.675** 126.925 **126.925** 348.625 **348.625** 319.15 **319.15**
London – 243.0 **243.0**
London 2 – 124.625 **124.625** 121.5 **121.5** 371.925 **371.925** 243.0 **243.0**
Lynch – 126.575 **126.575** 257.85 **257.85**
Merwyn – 135.575 **135.575** 134.7 **134.7** 120.875 **120.875** 307.225 **307.225** 290.5 **290.5** 284.725 **284.725**
New Hope – 124.625 **124.625** 121.175 **121.175** 371.925 **371.925** 353.65 **353.65**
Parkersburg – 125.55 **125.55** 121.5 **121.5** 317.475 **317.475** 243.0 **243.0**
Portsmouth – 135.575 **135.575** 124.225 **124.225** 120.275 **120.275** 363.175 **363.175** 360.725 **360.725** 290.5 **290.5**
Rosewood – 135.8 **135.8** 128.075 **128.075** 288.3 **288.3** 282.375 **282.375**
Terre Haute – 134.175 **134.175** 132.2 **132.2** 317.425 **317.425** 310.8 **310.8**
Whitetop Mountain – 124.575 **124.575** 290.55 **290.55**
Winchester – 128.225 **128.225** 126.375 **126.375** 123.775 **123.775** 343.65 **343.65** 317.75 **317.75** 263.05 **263.05**
Zanesville – 133.775 **133.775** 132.825 **132.825** 124.45 **124.45** 121.5 **121.5** 363.025 **363.025** 360.675 **360.675** 323.275 **323.275** 243.0 **243.0**
CENTER REMARKS: CPDLC (LOGON KUSA)

ⓇNEW YORK CENTER – 121.5 **121.5** 243.0 **243.0 CPDLC (LOGON KUSA)** **H–9–10–11–12, L–29–30–32–33–34–35–36**

Barnegat – 133.5 **133.5** 354.0 **354.0** **(KZNY)**
Barnstable – 125.925 **125.925** 121.125 **121.125** 284.75 **284.75**
Big Flat – 133.475 **133.475** 132.2 **132.2** 322.4 **322.4** 270.3 **270.3**
Colts Neck – 125.325 **125.325** 118.975 **118.975** 323.15 **323.15** 282.3 **282.3**
Douglaston – 128.675 **128.675** 121.125 **121.125**
Elk Mountain – 134.45 **134.45** 132.175 **132.175** 128.5 **128.5** 326.2 **326.2** 298.9 **298.9**
Elmira – 121.5 **121.5** 243.0 **243.0**
Flint Hill – 132.1 **132.1** 124.625 **124.625** 123.825 **123.825** 307.05 **307.05** 290.2 **290.2** 278.3 **278.3**
Harrisburg – 124.775 **124.775** 346.275 **346.275**
Huguenot – 132.6 **132.6** 285.5 **285.5**
Islip – 121.5 **121.5** 243.0 **243.0**
Lancaster – 133.175 **133.175** 285.65 **285.65**
Manteo – 126.025 **126.025**
Millville – 134.325 **134.325** 323.3 **323.3**
Modena – 135.45 **135.45** 335.6 **335.6**
Nantucket – 121.125 **121.125**
North Mountain – 132.15 **132.15** 128.575 **128.575** 123.625 **123.625** 121.325 **121.325** 282.35 **282.35** 279.55 **279.55** 273.6 **273.6** 269.1 **269.1**
Philipsburg – 134.8 **134.8** 132.875 **132.875** 121.5 **121.5** 338.3 **338.3** 306.2 **306.2**
Ravine – 120.025 **120.025** 292.125 **292.125**
Saint David – 128.5 **128.5** 121.5 **121.5** 119.1 **119.1** 243.0 **243.0** 239.0 **239.0** 229.4 **229.4**
Sayre – 133.35 **133.35** 372.0 **372.0**
Ship Bottom – 133.05 **133.05** 128.3 **128.3** 257.725 **257.725**
Sparta – 133.15 **133.15** 290.4 **290.4**
State College – 118.55 **118.55**
Stillwater – 127.175 **127.175** 350.3 **350.3**
Williamsport – 124.9 **124.9** 121.5 **121.5** 243.0 **243.0**
Wilmington – 133.525 **133.525**
CENTER REMARKS: CPDLC (LOGON KUSA)

Ⓡ**WASHINGTON CENTER** – 121.5 **121.5** 243.0 **243.0 CPDLC (LOGON KUSA)** **H–9–10–12, L–24–25–26–29–34–35–36, A–1**

Atlantic City – 133.125 **133.125** 281.45 **281.45** **(KZDC)**
Baltimore – 134.5 **134.5** 360.7 **360.7**
Bedford – 243.0 **243.0**
Benson – 132.225 **132.225** 363.225 **363.225**
Bucks Elbow – 135.4 **135.4** 133.2 **133.2** 128.6 **128.6** 121.675 **121.675** 379.225 **379.225** 284.7 **284.7** 282.2 **282.2** 226.675 **226.675**
Buena Vista – 134.4 **134.4** 133.025 **133.025** 127.925 **127.925** 353.9 **353.9** 319.0 **319.0** 269.375 **269.375**
Cape Charles – 121.375 **121.375** 120.975 **120.975** 353.95 **353.95** 293.225 **293.225**
Danville – 121.5 **121.5** 243.0 **243.0**
Dover – 135.5 **135.5** 118.825 **118.825** 360.65 **360.65** 281.425 **281.425**
Elkins – 133.275 **133.275** 128.6 **128.6** 121.5 **121.5** 118.025 **118.025** 371.9 **371.9** 259.1 **259.1** 243.0 **243.0** 226.675 **226.675**
Grantsville – 133.65 **133.65** 285.6 **285.6**
Green Bay – 133.725 **133.725** 127.75 **127.75** 118.75 **118.75** 377.1 **377.1** 351.9 **351.9** 235.625 **235.625**
Hagerstown – 134.15 **134.15** 227.125 **227.125**
Hopewell – 121.875 **121.875** 323.225 **323.225**
Johnsonville – 135.2 **135.2** 118.925 **118.925** 348.65 **348.65** 322.45 **322.45** 243.0 **243.0**
Lawrenceville – 132.025 **132.025** 290.425 **290.425**
Leesburg – 135.525 **135.525** 133.975 **133.975** 126.875 **126.875** 350.25 **350.25** 307.025 **307.025** 285.45 **285.45**
Lewisburg – 125.725 **125.725**
Lexington Park – 133.9 **133.9** 281.4 **281.4**
Linden – 133.55 **133.55** 322.55 **322.55**
Lynchburg – 133.575 **133.575** 270.35 **270.35**
Martinsburg – 132.275 **132.275** 379.3 **379.3**
Millville – 125.45 **125.45** 363.0 **363.0**
Modena – 132.525 **132.525** 307.25 **307.25**
New Bern – 123.85 **123.85** 121.5 **121.5** 279.65 **279.65** 243.0 **243.0**
Richmond – 132.95 **132.95** 285.55 **285.55**
Sampson – 135.3 **135.3** 285.5 **285.5**
Sea Isle – 127.7 **127.7** 285.4 **285.4**
Ship Bottom – 121.025 **121.025** 307.725 **307.725**
Smyrna – 132.05 **132.05** 354.15 **354.15**
Snow Hill – 135.275 **135.275** 132.55 **132.55** 291.675 **291.675** 236.825 **236.825**
South Boston – 124.05 **124.05** 352.0 **352.0**
Whaleyville – 133.825 **133.825** 123.85 **123.85** 120.75 **120.75** 327.8 **327.8** 317.725 **317.725** 296.7 **296.7** 279.65 **279.65** 243.0 **243.0**
Wilmington – 135.75 **135.75** 124.025 **124.025** 317.45 **317.45** 269.15 **269.15**
CENTER REMARKS: CPDLC (LOGON KUSA)

VHF frequencies available at remote communication outlets (RCO's) are listed below for the coverage of this volume. 'T' indicates transmit only and 'R' indicates receive only. RCO's available at NAVAID's are listed after the NAVAID name. RCO's not at NAVAID's are listed by name.

ALTOONA RADIO

ALLEGHENY RCO 122.2

BANGOR RADIO

BERLIN RCO 122.5
CARIBOU RCO 122.3

BUFFALO RADIO

BUFFALO RCO 122.2
ELMIRA RCO 122.2
SYRACUSE RCO 122.4
UTICA TACAN 122.2

BURLINGTON RADIO

BURLINGTON RCO 122.2
PITTSFIELD RCO 122.3

ELKINS RADIO

CHARLESTON RCO 122.2

LEESBURG RADIO

BALTIMORE VORTAC 122.2
BUCK'S ELBOW MOUNTAIN RCO 122.2
DANVILLE RCO 122.2
MARTINSBURG RCO 122.2
PULASKI RCO 122.3
RICHMOND VORTAC 122.4
WASHINGTON RCO 122.2

MILLVILLE RADIO

MILLVILLE RCO 122.2
TETERBORO RCO 122.2

NEW YORK RADIO

11309 NORTH ATLANTIC FAMILY E 11342 LONG DISTANCE OPS CTL FAC 11387 CARIBBEAN FAMILY B 11396 CARIBBEAN FAMILY A 13297 CARIBBEAN FAMILY A 13306 NORTH ATLANTIC FAMILY A 13330 LONG DISTANCE OPS CTL FAC 13354 NORTH ATLANTIC FAMILY E 17907 CARIBBEAN FAMILY A 17907 CARIBBEAN FAMILY B 17925 LONG DISTANCE OPS CTL FAC 17946 NORTH ATLANTIC FAMILY A 17946 NORTH ATLANTIC FAMILY B 17964 NORTH ATLANTIC FAMILY E 21964 LONG DISTANCE OPS CTL FAC 2887 CARIBBEAN FAMILY A 3016 NORTH ATLANTIC FAMILY A 3455 CARIBBEAN FAMILY B 3494 LONG DISTANCE OPS CTL FAC 5520 CARIBBEAN FAMILY B 5550 CARIBBEAN FAMILY A 5598 NORTH ATLANTIC FAMILY A 6577 CARIBBEAN FAMILY A 6586 CARIBBEAN FAMILY B 6628 NORTH ATLANTIC FAMILY E 6640 LONG DISTANCE OPS CTL FAC 8825 NORTH ATLANTIC FAMILY E 8846 CARIBBEAN FAMILY A 8846 CARIBBEAN FAMILY B 8906 NORTH ATLANTIC FAMILY A 8918 CARIBBEAN FAMILY A

POUGHKEEPSIE RCO 122.2

WILLIAMSPORT RADIO

CAPITAL CITY RCO 122.2
NORTH PHILADELPHIA RCO 122.2
WILKES–BARRE RCO 122.2
WILLIAMSPORT RCO 122.2

The use of VOR checkpoints is explained in Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

NOTE: Facilities are listed in alphabetical order, in the state where the checkpoints or VOTs are located.

CONNECTICUT

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Remarks
Bradley Intl	111.4	
Bridgeport (Bridgeport/Sikorsky)	109.25	
Groton (Groton–New London)	110.25	
Hartford (Hartford–Brainard)	108.2	

DELAWARE

VOR RECEIVER CHECK POINTS

Facility Name (Arpt Name)	Freq/Ident	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Wilmington (New Castle)	114.0/DQO	285	0.6	On Twy K at Rwy 09.

MAINE

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Bangor (Bangor Intl)	114.8/BGR	153	3.8	On runup area Rwy 33.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Remarks
Portland Intl Jetport	111.0	

MARYLAND

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Frederick (Frederick Muni)	109.0/FDK	033	0.6	On runup pad apch end Rwy 23.
	109.0/FDK	359	0.6	Intersection Twy B and Twy C.

MASSACHUSETTS

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Marthas Vineyard (Marthas Vineyard)	114.5/MVY	216	0.7	On runup block for Rwy 06.
Nantucket (Nantucket Memorial)	116.2/ACK	242	1.9	On runup area at apch end Rwy 24.

VOT TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Remarks
Laurence G. Hanscom	110.0	
Gen. Ed. Lawrence Logan Intl.	111.0	
Worcester Rgnl	108.2	

NEW JERSEY

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Wrightstown (McGuire Fld (Joint Base McGruire DIX Lakehurst))	110.6/GXU	212	0.3	Rwy 06 runup pad.

NEW YORK

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Rochester (Frederick Douglass–Greater Rochester Intl)	110.0/ROC	098		On Twy T between ramp and Twy F.
Watertown (Watertown Intl)	109.8/ART	046	3.0	On ramp in front of administration building.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Remarks
Albany Intl	108.2	VOT unusbl north of Twy M, Twy C east of Twy N.
New York (Long Island MacArthur)	109.4	

PENNSYLVANIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Lancaster (Lancaster)	117.3/LRP	306	0.5	North of Twy M on non–movement twy.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Remarks
Harrisburg Intl	110.0	
Philadelphia Intl	109.8	Unusable west of Twy Y.

RHODE ISLAND

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Remarks
Providence (Theodore Francis Green State)	108.2	

VERMONT

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Remarks
Patrick Leahy Burlington Intl	109.0	

VIRGINIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Lynchburg (Lynchburg Rgnl–Preston Glenn Field)	109.2/LYH	027	5.0	West runup area adjacent to Rwy 22.
Norfolk (Norfolk Intl)	116.9/ORF	031	0.6	At center of Twy E 250´ NW of centerline of Rwy 23.

WEST VIRGINIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Parkersburg (Mid–Ohio Valley Rgnl)	108.6/JPU	211	6.3	Intersection of Twy A and Twy D.
Wheeling (Wheeling Ohio Co)	114.25/HLG	226		On Twy D next to ramp.

The following tabulation lists all reported parachute jumping areas in the area of coverage of this directory. Unless otherwise indicated, all activities are conducted during daylight hours and under VFR conditions. NOTAM D's may be issued to advise users of specific dates and times if outside the times /altitudes that are published. The busiest periods of activity are normally on weekends and holidays, but jumps can be expected at anytime during the week at the locations listed. Parachute jumping areas within restricted airspace are not listed.

All times are local and altitudes MSL unless otherwise specified.
Contact facility and frequency is listed at the end of the remarks, when available, in bold face type.
Refer to Federal Aviation Regulations Part 105 for required procedures relating to parachute jumping.
Organizations desiring listing of their jumping activities in this publication should contact Flight Service, tower, or ARTCC.
Qualified parachute jumping areas will be depicted on the appropriate visual chart(s).

Note: (c) in this publication indicates that the parachute jumping area is charted.

To qualify for charting, a jump area must meet the following criteria:
(1) Been in operation for at least 1 year.
(2) Log 1,000 or more jumps each year.

In addition, parachute jumping areas can be nominated by FAA Regions if special circumstances require charting.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
CONNECTICUT			
(c) Danielson Arpt	8 NM; 211° Putnam	14,500	3 NM radius. Daily SR–SS.
(c) Ellington (Pvt) Arpt	17 NM; 025° Hartford	15,000	0.25 NM radius of Pea Stone target. Fri, Sat, Sun, and occasional weekdays.
Harwinton	25 NM; 300° Hartford	7,200	0700–SS weekends.
MAINE			
(c) Biddeford Muni Arpt	6.6 NM; 086° Kennebunk	10,500	4 NM radius. SR–SS Mon–Fri, 1 May–31Oct. **Portland Intl Jetport ATCT–TRACON (PWM), 119.75**.
(c) Lebanon Drop Zone	14 NM; 274° Kennebunk	18,000	3 NM radius. SR–SS daily. **Boston Consolidated–TRACON (A90), 124.4**.
Millinocket Muni Arpt	9.5 NM; 319° Millinocket	14,000 AGL	5 NM radius. Daily SR–SS.
(c) Waterville, Vacationland Drop Zone	13.8 NM; 40° Augusta	11,500 AGL	3 NM radius. Daily SR–SS.
MARYLAND			
(c) Churchville, Harford Co Arpt	39° 24.01N 76°12.15W	13,000	2 NM radius. Daily SR–SS. **Potomac TRACON 125.525**.
Edgewood	29 NM; 056° Baltimore	10,000	Weekends, evenings, occasional weekdays.
Gambrills, Dairy Farm Drop Zone	7 NM; 198° Baltimore	1,300 AGL	0.5 NM radius.Weekends–Nov-April.
Long Greene Drop Zone	21 NM; 038° Baltimore	10,000 AGL	0.5 NM radius. Weekends.
(c) Ocean City Muni Arpt	30.01 NM; 182° Waterloo	15,000	3 NM radius. 1 May–30 Nov continuous.
Patuxent River NAS (Trapnell Fld)	45.4 NM; 149° Washington	Unrestricted	0.25 NM radius. 1600–SS weekdays, 0800–SS Sat, Sun, holidays.
	44.9 NM; 148° Washington	Unrestricted	0.25 NM radius.
(c) Ridgely, Gooden Airpark Arpt	22.7 NM; 235° Smyrna	10,500	5 NM radius.
Sumang Drop Zone	20.3 NM; 286° Baltimore	3,000 AGL	0.4 NM radius. Weekends.
Tewey Drop Zone	24 NM; 023° Baltimore	10,000 AGL	1 NM radius. Weekends.
Unity Drop Zone	20 NM; 292° Baltimore	3,000 AGL	0.4 NM radius. Weekends.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
MASSACHUSETTS			
(c) Ft. Devens, Turner Drop Zone	18 NM; 115° Gardner	4,000 AGL	0.5 NM radius. Daily SR–SS (occasionally nights) (occasionally to 20,000´).
(c) Hanson, Cranland Arpt	21 NM; 177° Boston	9,500	2 NM radius. Daily SR–SS. **General Edward Lawrence Logan Intl ATCT 120.6**.
(c) Marston Mills	20 NM; 045° Marthas Vineyard	10,000	1 NM radius. Daily 0700–SS.
Natick Laboratory Sudbury	21 NM; 295° Boston	4,000 AGL	0.25 NM radius. 0800–1700 Mon–Fri.
(c) Orange Muni Arpt	10 NM; 292° Gardner	14,000	1 NM radius. Thu–Sun and holidays. SR–one hr after SS. **Boston Center 123.75**.
(c) Pepperell, Sports Center (Pvt) Arpt	24.3 NM; 082° Gardner	20,000 AGL	3 NM radius. Daily SR–SS frequently ngt ops.
(c) Taunton Muni/King Fld Arpt	20.6 NM; 078° Providence	9,500	2 NM radius. Daily SR-SS May 1 - Dec 1. **Theodore Francis Green State Twr 123.67**.
NEW JERSEY			
(c) Chatsworth, Coyle Fld	1 NM; 130° Coyle	2,000 AGL	Continuous. Heavy equip and paratroopers.
(c) Cross Keys, Free Fall Adventures Drop Zone	10.5 NM; 353° Cedar Lake	13,500	1.5 NM radius. Daily.
(c) Lakehurst Maxfield Fld	0.9 NM; 280° Lakehurst	12,500	0.3 NM radius. Daily SR–SS. Cargo drops ngts 2000´ and below.
Pittstown, Alexandria Arpt	12.7 NM; 281° Solberg	9,500 MSL	1 NM radius. Daily SR–SS. Drop zone on north side of arpt. **Lehigh Valley Intl Twr 124.0**.
(c) Sussex	9 NM; 350° Sparta	15,000	1.5 NM radius. Daily 0700–SS.
(c) West Creek, Eagles Nest Arpt	17.69 NM; 055° Atlantic City	13,500	1.5 NM radius. Daily 0800--2000. **Atlantic City Intl Twr 134.25**.
Wrightstown, Mc Guire Fld	39° 49.00 N 74° 25.90 W	1,500 AGL	Cargo and personnel drops 180 yds east of Coyle Vortac.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
	NEW YORK		
(c) Albion, Pine Hill Arpt	26.91 NM; 290° Rochester	12,000	2 NM radius. 0800–1 hour after SS, Wed thru Sun & holidays.
Albion, Pine Hill Arpt Drop Zone	43-10-41.0 N, 078-16-48.0 W	15,000	3 NM radius. Daily during daylight hrs.
(c) Calverton	1.5 NM; 150° Calverton	13,500	2 NM radius. Daily SR–SS.
Fort Drum	23 NM; 060° Watertown	1,000 AGL	1 NM radius. SR–SS Mon–Fri.
(c) Gansevoort, Heber Airpark	27.21 NM; 028.92° Albany	12,500	4 NM radius. Annually, April 1 thru November 30; SR–SS.
Gardiner Arpt	15 NM; 284° Kingston	14,500	4 NM radius. Daily SR–SS.
(c) Java	32.07 NM; 257° Geneseo	13,000	5 NM radius. Daily SR–SS, occasionally til 2400.
Johnstown, Fulton Co Arpt	27 NM; 315° Albany	15,000 AGL	3 NM radius. SR–SS Fri, Sat, Sun & holidays. Occasionally other days.
New Paltz, Stanton Arpt	15 NM; 301° Kingston	14,000	3 NM radius. Sat, Sun and holidays SR–SS, occasional ngts and other days.
(c) Ovid Arpt	42.8 NM; 113° Geneseo	13,500	2 NM radius. Daily 0600–2400.
(c) Perry-Warsaw Arpt	15.17 NM; 258° Geneseo	14,000	3 NM radius. Daily 0700-2100. **Greater Rochester Intl Twr 123.7**.
(c) Quaker Street, Apex Arpt	15 NM; 280° Albany	14,000	3 NM radius. Daily SR–2400.
Rhinebeck, Old Rhinebeck Arpt	19 NM; 323° Pawling	4,900	2 NM radius. SR–SS Sat–Sun Jun 15–Oct 15.
(c) Shirley, Brookhaven Arpt, Sky Dive South Shore	7.3 NM; 218° Calverton	10,500	Daily 0600–1800. N**ew York Tracon 118.0**.
Stormville Arpt	13 NM; 215° Pawling	13,000	Daily SR–SS.
(c) Verona, Curtis Arpt	29.1 NM; 103° Syracuse	10,000	5 NM radius. Daily SR–SS Apr 1–Nov 30.
(c) Wallkill	25 NM; 062° Huguenot	14,500 AGL	1 NM radius. Daily 1200–0200.
(c) Weedsport, Whitfords Arpt	15.4 NM 263° Syracuse	11,500	
Westhampton Beach, Francis S Gabreski Arpt	10NM; 130° Calverton	13,000 AGL	1NM radius. Mon--Sun 0800--2300.
(c) West Point	22 NM; 112° Huguenot	10,000	5 NM radius. Weekdays 1200–SS, weekends occasionally.
	17.4 NM; 212° Kingston	10,000	3 NM radius. Weekdays 1400–SS weekends occasionally.
(c) Youngstown, Shear Arpt	43-15-33.5 N 78-57-56.2 W	15,000	5 NM radius. Daily, continuous. **Buffalo Niagara Intl Twr 126.5. Local PAJA info avbl 119.00.**

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
PENNSYLVANIA			
Bethel, Grimes Arpt	16 NM; 112° Ravine	11,000	5 NM radius. Daily SR–SS.
(c) Burgettstown, Starveggi Drop Zone	9 NM; 042° Wheeling	2000 AGL	1 NM radius. Tue–Thur 1030–2200; occasionally (by notam) Fri–Sun 0700–1800.
(c) Chambersburg Franklin Co Rgnl Arpt	14NM; 087° St Thomas	15,000 AGL	2 NM radius. Daily SR–SS.
Culmerville Arpt	22 NM; 125° Ellwood City	11,500 AGL	Daily SR–SS.
Doylestown	8 NM; 303° Yardley	12,500	Sat and Sun SR–SS.
(c) Fort Indiantown Gap–Muir AHP, Cold Steel Drop Zone	6.7 NM; 172° Ravine	2,000 AGL	5 NM radius. By NOTAM only. Military use.
(c) Freefall Oz Arpt	39.6 NM; 115° Jamestown	12,500	5 NM radius. Wed–Sun 1300–2359.
(c) Grove City Arpt	19.3 NM; 011° Ellwood City	15,000	3 NM radius. Daily 0800–1900 EST, 0900–2230 EDT.
(c) Hazleton Rgnl Arpt	22.04 NM; 229° Wilkes–Barre	13,500	2 NM radius. SR–SS. **Wilkes–Barre/Scranton Intl ATCT–Tracon (AVP), 120.95**.
Jersey Shore, Hinaman Acres Arpt	23 NM; 240° Williamsport	13,000	Tue and Thur 1600–SS; Sat and Sun 0800–SS.
(c) Littlestown, Kingsdale Airpark.	13 NM; 345° Westminster	10,500	2 NM radius. Daily 0900–2000.
(c) Mt. Joy/Marietta, Donegal Springs Airpark	12 NM; 272° Lancaster	15,000	2 NM radius. Daily SR–SS.
North East, Moorhead Arpk.	34.25 NM; 278° Jamestown	12,500	5 NM radius. 1600–2100 weekdays and 0900–2100 weekends.
(c) Perkasie, Pennridge Arpt	16 NM; 060° Pottstown	15,000	Daily SR-SS.
	15.9 NM; 060° Pottstown	14,500	5 NM radius. Daily SR–SS, nights by NOTAM.
(c) Tunkhannock, Skyhaven Arpt.	19 NM; 333° Wilkes–Barre	13,500 AGL	5 NM radius. Daily SR–SS.
Vinyl Drop Zone	15 NM; 035° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
RHODE ISLAND			
Greene, Riconn Arpt	15 NM; 060° Norwich	12,500	Daily SR–SS.
(c) Newport State	13.3 NM; 164° Providence	10,000	2 NM radius. Daily SR–SS Apr 1–Nov 30. **Theodore Francis Green State Twr 125.75**.
(c) Pawtucket, North Central State Arpt	12 NM; 001° Providence	13,000	3 NM radius. Daily SR–SS Mar 15 thru Dec 1. **Theodore Francis Green State TRACON 123.67**.
(c) Westerly State Arpt	11.3 NM; 098° Groton	10,000	2 NM radius. Daily SR-SS Apr 1 - Nov 30. **Theodore Francis Green State Twr 119.45**.
VERMONT			
(c) Addison, Ass–Pirin Acres Arpt.	21 NM; 219° Burlington	12,000	5 NM radius. Daily SR–SS.
(c) Rockdale, Franklin County State Arpt	33 NM; 21° Burlington	12,500	2.5 NM radius. Daily SR–SS.
Shelburne Arpt	3 NM; 240° Burlington	15,000	3 NM radius. Daily SR–SS.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
VIRGINIA			
(c) Blackstone, Allan C. Perkinson/ BAAF	37°04.69' N 077°58.68' W	12,500 AGL	1 NM radius. Daily.
Fentress, Fentress NALF	10 NM; 227° Oceana	10,000	Sat 1300-2100Z++, Sun 1700-2100Z++.
(c) Fort Lee	12 NM; 262° Hopewell	2,500 AGL	0.5 NM radius. Daily.
(c) Fort Pickett, Dove Drop Zone	37°08.10' N 077°53.76' W	12,500 AGL	19 NM radius. Drop Zone 1500 yards by 1000 yards. Daily.
(c) Front Royal- Warren Co.	3.9 NM; 006° Linden	14,500	1 NM radius. Thu-Mon; SR-SS, Mar-Dec
(c) Midland, Warrenton-Fauquier Airport, DC Skydiving Center	7.99 NM; 120° Casanova	10,000	5 NM radius. 5NM radius around the Warrenton-Fauquier Airport. Daily operations SFC-10000 ft.
Moneta, Smith Mountain Lake Arpt	19.2 NM; 246° Lynchburg	13,500	3 NM radius. SR–SS Fri, Sat, Sun, and holidays.
(c) New Market Arpt, New Market/Blue Ridge Sport	26 NM; 249° Linden	17,500	0800 until dark.
(c) Norfolk Intl Arpt	8.5 NM; 085° Norfolk	13,000	2 NM radius. Mon–Fri during daylgt hrs.
Oceana NAS	1 NM; 228° Oceana	12,500	Sat and Sun 0800–1200.
(c) Orange Co Arpt	14.9 NM; 026° Gordonsville	15,000	3 NM radius. Daily SR–SS, frequently ngt ops.
(c) Petersburg, Dinwiddie Co Drop Zone	20.7 NM; 251° Hopewell	13,500	2 NM radius. Daily SR-SS. **Potomac Tracon 126.8**.
(c) Quantico	11.5 NM; 349° Brooke	10,000	1 NM radius. Unscheduled weekends.
(c) Suffolk Executive Arpt	36°41.01' N 076°35.97' W	13,500	5 NM radius. Daily SR–SS.
Warrenton, Flying Circus Aerodrome	8.5 NM; 132° Casanova	7,000	Sat-Sun, June 7–Oct 25, 1000–1959.
(c) Warrenton, Warrenton Air Park	3.8 NM; 088° Casanova	14,500	2 NM radius. Daily SR–SS.
(c) West Point, Middle Peninsula Rgnl	5 NM; 340° Harcum	14,000	4.4 NM radius. SR–SS weekends and holidays.
WEST VIRGINIA			
Buckhannon–Upshur Co	9 NM; 300° Elkins	15,000	1 NM radius. Weekdays and holidays.
Huntington, Debra Drop Zone	23.3NM; 344° Charleston	10,000 AGL	0.5 NM radius. Weekends.
Huntington, Leann Drop Zone	27 NM; 304° Charleston	10,000 AGL	0.3 NM radius. Weekends.
(c) Huntington, Robert Newlon Fld.	26.4 NM; 287° Charleston	13,050	1 NM radius. Daily SR– 1 hr after SS. **Tri-State/Milton J Ferguson Fld Twr 119.75**.
Morgantown, Bacon Drop Zone	5 NM; 150° Morgantown	10,000 AGL	0.5 NM radius. Weekends.
Morgantown, Cider Drop Zone	17 NM; 180° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Morgantown, Dawson AAF	12 NM; 126° Morgantown	10,000 AGL	0.3 NM radius. Weekends.
Morgantown, Doubt Drop Zone	12 NM; 140° Morgantown	12,500 AGL	1 NM radius. Weekends.
Morgantown, Float Drop Zone	13 NM; 110° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Guide Drop Zone	13 NM; 080° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Melon Drop Zone	13 NM; 097° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Piker Drop Zone	20 NM; 135° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Ravenswood, Jackson Co Arpt	41 NM; 215°Parkersburg	12,500 AGL	41 NM radius. 1000–SS Weekends.
Westover, Blue Horizon Drive–In	13 NM; 320° Morgantown	12,500	Weekends and holidays SR–SS.

Contained within this tabulation, and listed alphabetically by airport name, are all private–use airports charted on the U.S. IFR Enroute Low and High Altitude charts in the United States, having terminal approach and departure control facilities. Additionally, listed by country, are selected Canadian airports that appear on the U.S. IFR Enroute charts with approach and departure control services. All frequencies transmit and receive unless otherwise noted. Radials defining sectors are outbound from the facility.

UNITED STATES

FACILITY NAME	CHART & PANEL
Cabaniss Fld NOLF, TX (NGW) Corpus App/Dep Con 125.4 307.9 Navy Cabaniss Tower 119.65 299.6 (Mon–Thu 1400–0500Z‡, Fri 1400–0100Z‡)	L–20H, 21A
Fentress NALF, VA (NFE) Oceana App/Dep Con 123.9 266.8	H–10I, 12I, L–35D
Fry, OH (ØOH8) Columbus App/Dep Con 134.45	L–27E
Gila Bend AF AUX, AZ (GXF) Luke App/Dep Con 125.45 263.125 (South) (Mon–Thu 1300–0530Z, Fri 1300–0130Z, clsd weekends and hol)	H–4J, L–5B
Glasgow Industrial, MT (Ø7MT) Salt Lake Center App/Dep Con 126.85 305.2	H–1E, 2G, L–13D
Joe Williams NOLF, MS (NJW) Meridian App/Dep Con 276.4 Bravo Tower 134.1 254.35 257.95 (Mon–Fri 1400–2330Z‡)	H–6J, L–18G
Oak Grove MCOLF, NC (13NC) Cherry Point App/Dep Con 119.35 377.175	L–35B
Shell AHP, AL (SXS) Cairns App/Dep Con 133.45 239.275 (24 hrs Tue–Sat, 1200–0500Z‡ Sun–Mon) other times ctc Jax Center App/Dep Con 134.3 322.55 Shell Tower 139.125 244.5 (1230–0000Z‡ Mon–Fri, exc hol)	L–22I
USAF Academy Bullseye Aux Airfield, CO (CO9Ø) ASOS 125.0	L–10F
Webster NOLF, MD (NUI) Patuxent App/Dep Con 121.0 250.3 Navy Webster Tower 127.0 358.0 (Mon–Fri, exc hol, other times on request, 1400–2200Z‡ or SS, whichever occurs first) For Clnc Del when NHK Apch is clsd ctc Potomac Apch at 866–640–4124	H–10I, 12I, L–34E, 36I
Whitehouse NOLF, FL (NEN) Jax Center App Con 127.775 377.075 Jax Center Dep Con 127.775 379.9 Whitehouse Tower 125.15 307.325 340.2 (Manned during scheduled operations only)	H–8H, L–21D, 24G
William P Gwinn, FL (Ø6FA) Palm Beach App/Dep Con 317.4 Gwinn Tower 120.4 279.25 (Mon–Fri 1300–2100Z‡) Gnd Con 121.65 279.25	H–8I, L–23C

CANADA

FACILITY NAME	CHART & PANEL
Chatham–Kent, ON (CYCK) Cleveland Center App/Dep Con 132.25	H–10G, L–30G
Cornwall Rgnl, ON (CYCC) Boston Center App/Dep Con 135.25 377.1	L–32G
Fort Frances Muni, ON (CYAG) Minneapolis Center App/Dep Con 120.9	L–14H
Leamington, ON (CLM2) Detroit Approach App/Dep Con 134.3	L–30F
Pelee Island, ON (CYPT) Cleveland Center App/Dep Con 126.35 360.0	L–30F
Windsor, ON (CYQG) ATIS 134.5 (1200–0300Z‡) Detroit App/Dep Con 118.95 132.35 134.3 284.0 Tower 124.7 (1200–0300Z‡) Gnd Con 121.7 (1200–0300Z‡) MF 124.7 (0300–1200Z‡ 6 NM irregular shape to below 3000´) VFR Advisory Detroit App Con 134.3 AWOS 134.5 (0300–1200Z‡)	H–10G, L–28J

PREFERRED IFR ROUTES

A system of preferred routes has been established to guide pilots in planning their route of flight, to minimize route changes during the operational phase of flight, and to aid in the efficient orderly management of the air traffic using federal airways. The preferred IFR routes which follow are designed to serve the needs of airspace users and to provide for a systematic flow of air traffic in the major terminal and en route flight environments. Cooperation by all pilots in filing preferred routes will result in fewer traffic delays and will better provide for efficient departure, en route and arrival air traffic service.

The following lists contain preferred IFR routes for the low altitude stratum and the high altitude stratum. The high altitude list is in two sections; the first section showing terminal to terminal routes and the second section showing preferred direction route segments. Also, on some high altitude routes low altitude airways are included as transition routes.

The following will explain the terms/abbreviations used in the listing:

1. Preferred routes beginning/ending with an airway number indicate that the airway essentially overlies the airport and flight are normally cleared directly on the airway.
2. Preferred IFR routes beginning/ending with a fix indicate that aircraft may be routed to/from these fixes via a Standard Instrument Departure (SID) route, radar vectors (RV), or a Standard Terminal Arrival Route (STAR).
3. Preferred IFR routes for major terminals selected are listed alphabetically under the name of the departure airport. Where several airports are in proximity they are listed under the principal airport and categorized as a metropolitan area; e.g., New York Metro Area.
4. Preferred IFR routes used in one direction only for selected segments, irrespective of point of departure or destination, are listed numerically showing the segment fixes and the direction and times effective.
5. Where more than one route is listed the routes have equal priority for use.
6. Official location identifiers are used in the route description for VOR/VORTAC navaids.
7. Intersection names are spelled out.
8. Navaid and distance fixes (e.g., ARD201113) have been used in the route description in an expediency and intersection names will be assigned as soon as routine processing can be accomplished. Navaid radial (no distance stated) may be used to describe a route to intercept a specified airway (e.g., MIV MIV101 V39); another navaid radial (e.g., UIM UIM255 GSW081); or an intersection (e.g., GSW081 FITCH).
9. Where two navaids, an intersection and a navaid, a navaid and a navaid radial and distance point, or any navigable combination of these route descriptions follow in succession, the route is direct.
10. The effective times for the routes are in UTC. During periods of daylight saving time effective times will be one hour earlier than indicated. All states observe daylight saving time except Arizona, Puerto Rico and the Virgin Islands. Pilots planning flight between the terminals or route segments listed should file for the appropriate preferred IFR route.
11. (90–170 incl) altitude flight level assignment in hundred of feet.
12. The notations “pressurized” and “unpressurized” for certain low altitude preferred routes to Kennedy Airport indicate the preferred route based on aircraft performance.
13. All Preferred IFR Routes are in effect continuously unless otherwise noted.
14. Use current SIDs and STARSs for flight planning.
15. For high altitude routes, the portion of the routes contained in brackets [ ] is suggested but optional. The portion of the route outside the brackets will likely be required by the facilities involved.

LOW ALTITUDE

Terminals	Route	Effective Times (UTC)
ALB, SCH, GFL, 5B2		
FRG, JFK	(60–170 INCL.; RNAV EQUIP. PROPS/TURBOPROPS OPERATING AOB 250KTS.)ALB PAWLN (RNAV)–STAR	
ALB,SCH,GFL,5B2		
LGA, DXR, HPN	(110–170 INCL.; RNAV ONLY, PROPS/TURBOPROPS, 250 KTS OR LESS)ALB NOBBI (RNAV)–STAR	
NEW YORK(LGA)	(70–170 INCL; RNAV 1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)ALB VADDR (RNAV)–STAR	
NEWARK(EWR)	(70–170; TURBOJET)ALB V213 FLOSI FLOSI (RNAV)–STAR	1100–0300
	or	
	(70–170; NON–TURBOJET)ALB V489 COATE	1100–0300
PHILADELPHIA(PHL)	(70–170; JETS ONLY)CEDOR DNY SLATT–STAR	
	or	
	CEDOR DNY LAAYK WLKES T455 FJC PTW	1100–0300
	or	
	(60–170. LESS THAN 210 KTS; TURBOPROPS ONLY. GPS OR DME/DME OR IRU EQUIPPED)CEDOR DNY LAAYK WLKES T335 PTW	
PHILADELPHIA(PNE)	(90–170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)CEDOR DNY LAAYK WLKES T335 ETX T430 TROXL ARD	1100–0300
	or	
	CEDOR DNY LAAYK WLKES T455 FJC ARD	1100–0300

Terminals	Route	Effective Times (UTC)
TRENTON(TTN)	CEDOR DNY LAAYK WLKES T455 FJC ARD	1100–0300
	or	
	(90–170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)CEDOR DNY LAAYK WLKES T335 ETX T430 TROXL ARD	1100–0300
ALBANY(ALB)		
BOSTON(BOS)	(60–170; JET ONLY, RNAV 1 – DME/DME/IRU OR GPS REQUIRED)PONCT JFUND (RNAV)–STAR	
BALTIMORE(BWI)		
ALB,SCH	VINNY V93 LRP T449 CFB T458 DANZI	1100–0400
BINGHAMTON(BGM)	VINNY V93 LRP T449 CFB	1100–0300
BOSTON(BOS)	(90–170 INCL. PROPS; TURBOJETS)DUKPN (RNAV)–DP DONIL WNSTN T320 YANTC T224 WOONS	1100–0300
CHARLOTTESVILLE(CHO)	(BLO 110)V44 MRB V143 CEROL	1100–0300
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(70–170; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)CONLE (RNAV)–DP COLIN OUTLA (RNAV)–STAR	
	or	
	(70–170; RNAV 1 – DME/DME/IRU OR GPS)GRACO T291 COLIN OUTLA (RNAV)–STAR	
DXR, HPN	(110–170 INCL; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)DUKPN (RNAV)–DP DONIL WNSTN T320 BRIGS EEGOR (RNAV)–STAR	
EAST HAMPTON(JPX)	(AOA 7000; TWIN ENGINE)PALEO AGARD T287 WNSTN T320 ORCHA	
GREENSBORO(GSO)	(70–170 INCL,NON–JET)V44 MRB V143 LYH V222 HENBY	
HARTFORD(HFD)	(90–170 INCL; NON–TURBOJET)PALEO AGARD T287 WNSTN T320 RICED MAD T303 HFD	1100–0300
KNOXVILLE(TYS)	BAL V44 MRB T358 MOL DBRAH T424 EDDDY	1100–0300
MONTAUK(MTP)	(AOA 7000; TWIN ENGINE)PALEO AGARD T287 WNSTN T320 ORCHA	
NANTUCKET(ACK)	(5000; SINGLE ENGINE ONLY. RNAV 1 – DME/DME/IRU OR GPS)SWANN T358 ENO T224 JFK T315 EEGOR CARLD V188 GON CLAMY (RNAV)–STAR	
	or	
	(7000; TWIN ENGINE. RNAV 1 – DME/DME/IRU OR GPS)SWANN T358 AVALO T320 ORCHA CLAMY (RNAV)–STAR	
	or	
	(7000; SINGLE ENGINE ONLY. RNAV 1 – DME/DME/IRU OR GPS)SWANN T358 LEEAH T303 JFK T315 EEGOR CARLD V188 GON CLAMY (RNAV)–STAR	
	or	
	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)PALEO AGARD T287 WNSTN T320 ORCHA T705 DEEPO DEEPO (RNAV)–STAR	
NEW YORK(ISP)	(90–170 INCL; TURBOJETS)DUKPN (RNAV)–DP DONIL WNSTN T320 SARDI CCC	1100–0300
NEW YORK(JFK)	(90–170 INCL; LESS THAN 250 KTS)PALEO DONIL ACY V184 ZIGGI	1100–0300
	or	
	(90–170 INCL; TURBOJETS)DUKPN (RNAV)–DP DONIL ACY T315 PANZE V44 CAMRN	1100–0300
NEW YORK(LGA)	(TURBOJETS)DUKPN (RNAV)–DP SPEAK PROUD (RNAV)–STAR	1100–0400
	or	
	(TURBOPROPS)SWANN APPLE (RNAV)–STAR	1100–0300
NEW YORK(SWF)	(GPS OR DME/DME OR IRU EQUIPPED)VINNY V93 LVZ T295 PRNCE FILPS	1100–0300
NEWARK(EWR)	(110–170 INCL; TURBOPROPS)SWANN BRAND (RNAV)–STAR	
PHILADELPHIA(PHL)	(7000'–17000' INCL; TURBOJETS)DUKPN (RNAV)–DP BYEDN	1100–0300
POUGHKEEPSIE(POU)	(GPS OR DME/DME OR IRU EQUIPPED)VINNY V93 LVZ LAAYK PRNCE FILPS	1100–0300
TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)	(TURBOPROPS)SWANN MAZIE (RNAV)–STAR	1100–0300
WHITE PLAINS(HPN)	(70)VINNY V93 LRP ETX FJC BWZ SAX V39 BREZY	1100–0300

Terminals	Route	Effective Times (UTC)
BEDFORD(BED)		
HPN, DXR	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)REVSS NELIE VALRE (RNAV)–STAR	
HPN, DXR, LGA	(RNAV1–DME/DME/IRU,PROP/TURBOPROP,250 KTS OR LESS)REVSS BAF NOBBI (RNAV)–STAR	
NEW YORK(LGA)	(RNAV1–DME/DME/IRU,PROP/TURBOPROP,250 KTS OR LESS)REVSS BAF NOBBI (RNAV)–STAR	
	or	
	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)REVSS NELIE VADDR (RNAV)–STAR	
TETERBORO(TEB)	(110–160)REVSS BAF MOBBS T295 SAGES V489 COATE	
BOSTON(BOS)		
CLEVELAND METRO(CLE,CGF,BKL,LNN,LPR)	(110–170)HYLND MANCH T316 LAMMS T608 SYR V84 GEE THOME TRYBE (RNAV)–STAR	1100–0300
ERIE(ERI)	(080–100; RNAV/GNSS EQUIPPED ONLY)GLYDE T458 STUBN JHW	
HPN, DXR	(120–160 INCL; RNAV 1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)PATSS (RNAV)–DP PATSS NELIE VALRE (RNAV)–STAR	
HPN, DXR, LGA	(120–160 INCL; RNAV 1–DME/DME/IRU,PROP/TURBOPROP,250 KTS OR LESS)REVSS BAF NOBBI (RNAV)–STAR	
LGA, DXR, HPN	(120–160 INCL.; RNAV1–DME/DME/IRU,PROP/TURBOPROP,250 KTS OR LESS)REVSS BAF NOBBI (RNAV)–STAR	
NEW YORK(JFK)	(AOB 100)BOSOX T303 GRAYM T320 YANTC T224 CCC V46 DPK	
	or	
	(110–170; PROPS)SSOXS LUCOS SEY ORCHA CCC V46 DPK	
	or	
	(110–170; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXS BUZRD SEY PARCH (RNAV)–STAR	1100–0300
NEW YORK(LGA)	(120–160 INCL.; RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)PATSS (RNAV)–DP PATSS NELIE VADDR (RNAV)–STAR	
	or	
	(120–160 INCL; RNAV1 – DME/DME/IRU OR GPS, 250 KTS OR GREATER)PATSS NELIE VADDR (RNAV)–STAR	
NEWARK(EWR)	(110–170; PROP AND TURBOPROP AIRCRAFT: LESS THAN 250K IAS)REVSS BAF MOBBS SAGES V489 COATE	1100–0300
	or	
	(110–170; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)–DP PATSS NELIE FLOSI (RNAV)–STAR	1100–0300
PHILADELPHIA(PHL)	(80–170 INCL)SSOXS LUCOS SEY ORCHA T320 DRIFT T416 CYN T224 JIIMS OOD	1100–0300
	or	
	(110–170; GPS OR DME/DME OR IRU EQUIPPED)BLZZR BAF SASHA T295 LAAYK WLKES T455 FJC PTW .	1100–0300

Terminals	Route	Effective Times (UTC)
PHILADELPHIA(PNE)	(110–170)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA MANTA T438 ARD	1100–0300
	or	
	(110–170; NON–TURBOJET)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA T320 BRIGS ACY V184 OOD	1100–0300
	or	
	(90–170; TURBOPROPS ONLY. GPS OR DME/DME OR IRU EQUIPPED)BLZZR BAF SASHA T295 LAAYK WLKES T455 FJC ARD	1100–0300
	or	
	(60–100; NON–TURBOJET)(WATER ROUTE)BURDY T358 ORCHA T320 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170; JETS)BOS SSOXS LUCOS SEY ORCHA T320 BRIGS JIIMS (RNAV)–STAR	1100–0300
	or	
	(60–100)(WATER ROUTE)BURDY T358 ORCHA T320 MANTA T438 ARD	1100–0300
ROCHESTER(ROC)	(11000'–17000')HYLND MANCH T316 LAMMS T608 ROC	
SYRACUSE(SYR)	(11000'–17000')HYLND MANCH T316 LAMMS	
TETERBORO(TEB)	(110–160)BLZZR (RNAV)–DP BLZZR BAF MOBBS T295 SAGES V489 COATE	
TRENTON(TTN)	(60–100)(WATER ROUTE)BURDY T358 ORCHA T320 MANTA T438 ARD	1100–0300
	or	
	(90–170; TURBOPROPS ONLY. GPS OR DME/DME OR IRU EQUIPPED)BLZZR BAF SASHA T295 LAAYK WLKES T455 FJC ARD	1100–0300
	or	
	(110–170)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA T320 MANTA T438 ARD	1100–0300
VINEYARD HAVEN(MVY)	BOS V141 DUNKK	
WASHINGTON(DCA)	(80–170 INCL; NON–TURBOJET)BURDY T358 ORCHA T320 VAALI CAPKO	1100–0300
WILMINGTON(ILG)	(110–170; NON–TURBOJET)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA T320 BRIGS ACY V184 OOD	1100–0300
	or	
	(60–100; NON–TURBOJET)(WATER ROUTE)BURDY T358 ORCHA T320 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170; JETS)BOS SSOXS LUCOS SEY ORCHA T320 BRIGS JIIMS (RNAV)–STAR	1100–0300
BRIDGEPORT(BDR)		
ALB,SCH	(110–170 INCL)SOARS V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
AUGUSTA(AUG)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
BALTIMORE(BWI)	(AOB 170)BEADS T320 AVALO T358 SWANN	
BANGOR(BGR)	(110–170 INCL)ORCHA T320 GDM T314 ENE T295 BGR	1100–0300
BEDFORD(BED)	(110–150 ONLY)MAD T303 HFD DREEM (RNAV)–STAR	1100–0300
BEVERLY(BVY)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)MAD HFD DREEM (RNAV)–STAR	
BOSTON(BOS)	(110–170 INCL)BDR MERIT ROBUC (RNAV)–STAR.	1100–0300
CONCORD(CON)	(110–150 INCL)ORCHA T320 GDM	1100–0300
KEENE(EEN)	(110–170 ONLY)ORCHA T320 GDM	1100–0300
LACONIA(LCI)	(110–170 INCL)ORCHA T320 GDM CON	1100–0300
LAWRENCE(LWM)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)MAD HFD DREEM (RNAV)–STAR	
LEBANON(LEB)	(110–170 INCL)ORCHA T320 GDM	1100–0300
MANCHESTER(MHT)	(110–170 INCL; JETS ONLY)MAD T303 HFD CRIBB ROZZE (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)MAD T303 HFD T315 GDM MANCH	1100–0300
NASHUA(ASH)	(110–150 INCL)MAD T303 HFD T315 GDM MANCH	1100–0300

Terminals	Route	Effective Times (UTC)
PORTLAND(PWM)	(110–170 INCL)MAD T303 HFD KEYNN CDOGG CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–150)ORCHA T320 GDM CON	
PROVIDENCE(PVD)	(110–170 INCL)MAD CARLD V188 GON V374 MINNK	
ROCKLAND(RKD)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
WATERVILLE(WVL)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
BUFFALO(BUF)		
BOSTON(BOS)	(60–170)GEE PONCT JFUND (RNAV)–STAR	
CLEVELAND(CLE)	(6000'–17000' INCL)LANGS JHW BEELL TRYBE (RNAV)–STAR	1100–0300
DETROIT(DTW)	(6000–17000 INCL; DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)DONEO CUUGR (RNAV)–STAR or (6000–17000 INCL; DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)DONEO TPGUN (RNAV)–STAR	 1100–0300
ELMIRA/CORNING(ELM)	(060–170 INCL)GEE	1100–0300
PHILADELPHIA(PHL)	(6000'–17000' INCL; PROPS)BFD PSB HAR V210 BUNTS	
PITTSBURGH(PIT)	(6000–17000 INCL)JHW CIP HAYNZ (RNAV)–STAR	1100–0300
WASHINGTON(DCA)	(6000'–17000' INCL)BFD PSB SKILS (RNAV)–STAR.	
BURLINGTON(BTV)		
ALLENTOWN(ABE)	DENYU ALB DNY LAAYK WLKES T455 FJC	
HARRISBURG(MDT)	(110–170)DENYU ALB DNY LAAYK T295 DUMMR HWANG	
HPN, DXR	(RNAV 1 – DME/DME/IRU, OR GPS 250KTS OR GREATER)DENYU RIVVR VALRE (RNAV)–STAR	
READING(RDG)	(110–170)DENYU ALB DNY LAAYK T295 DUMMR..	
TETERBORO(TEB)	(250KTS OR GREATER)DENYU ALB V489 COATE	
CALDWELL(CDW)		
ALB,SCH	(110–150 ONLY)BREZY V39 SOARS V487 CANAN..	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100–0300
AUGUSTA(AUG)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100–0300
BANGOR(BGR)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100–0300
BAR HARBOR(BHB)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100–0300
BARRE/MONTPELIER(MPV)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100–0300
BEDFORD(BED)	(110–170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
BEVERLY(BVY)	(110–170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
BOSTON(BOS)	(110–170 INCL; JETS ONLY)BREZY V39 CMK MERIT ROBUC (RNAV)–STAR or (110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300 1100–0300
BURLINGTON(BTV)	(110–170INCL)BREZY V39 CMK GREKI V39 SOARS V487 CAM GRNMT	
CONCORD(CON)	(110–150 INCL)BREZY V39 CMK MERIT HFD T315 GDM	1100–0300
GLENS FALLS(GFL)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100–0300
HYANNIS(HYA)	(110–170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
KEENE(EEN)	(110–130 ONLY)BREZY V39 CMK MERIT HFD T315 GDM	1100–0300
LACONIA(LCI)	(110–170 INCL)BREZY V39 CMK MERIT HFD T315 GDM CON	1100–0300
LAKE PLACID(LKP)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
LAWRENCE(LWM)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	
LEBANON(LEB)	(110–170 INCL)BREZY V39 CMK MERIT HFD KEYNN	1100–0300
MANCHESTER(MHT)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD T315 GDM MANCH	1100–0300
NANTUCKET(ACK)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
NASHUA(ASH)	(110–170 INCL)BREZY V39 CMK MERIT HFD T315 GDM MANCH	1100–0300
NEW BEDFORD(EWB)	(110–170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
NORWOOD(OWD)	(110–170 INCL)BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
PITTSFIELD(PSF)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CANAN	1100–0300
PORTLAND(PWM)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–150)BREZY V39 CMK MERIT HFD CON	
PROVIDENCE(PVD)	(110–130 ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
PROVINCETOWN(PVC)	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
ROCKLAND(RKD)	(110–170 INCL)BREZY V39 CMK SOARS V487 CAM CON	1100–0300
RUTLAND(RUT)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
SARANAC LAKE(SLK)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
VINEYARD HAVEN(MVY)	(110–170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
WATERVILLE(WVL)	(110–170 INCL)BREZY V39 SOARS V487 CAM CON	1100–0300
CHARLESTON(CRW)		
PITTSBURGH(PIT)	(60–170)HVQ V115 JPU V117 WISKE FEWGA (RNAV)–STAR	1100–0300
GROTON (NEW LONDON)(GON)		
ERIE(ERI)	(080–100; RNAV/GNSS EQUIPPED ONLY)BAF CTR T458 STUBN JHW	
HARTFORD(HFD)		
	(080–100; RNAV/GNSS EQUIPPED ONLY)CTR T458 STUBN JHW	
HYANNIS(HYA)		
	(080–100; RNAV/GNSS EQUIPPED ONLY)PVD V146 CTR T458 STUBN JHW	
LEBANON(LEB)		
HPN, DXR	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)RIVVR VALRE (RNAV)–STAR	
HPN, DXR, LGA	(RNAV1–DME/DME/IRU,PROP/TURBOPROP,250 KTS OR LESS)CTR NOBBI (RNAV)–STAR	
MORRISTOWN(MMU)		
ALB,SCH	(110–150 ONLY)BREZY V39 SOARS V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100–0300
AUGUSTA(AUG)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100–0300
BANGOR(BGR)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100–0300
BAR HARBOR(BHB)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100–0300
BARRE/MONTPELIER(MPV)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100–0300
BEDFORD(BED)	(110–170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
BEVERLY(BVY)	(110–170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
BOSTON(BOS)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS–STAR or (110–170 INCL; JETS ONLY)BREZY V39 CMK MERIT ROBUC (RNAV)–STAR	1100–0300 1100–0300
BURLINGTON(BTV)	(110–170 INCL)BREZY V39 CMK GREKI V39 SOARS V487 CAM GRNMT	
GLENS FALLS(GFL)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100–0300
HYANNIS(HYA)	(110–170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
KEENE(EEN)	(110–130 ONLY)BREZY V39 CMK MERIT HFD T315 GDM	1100–0300
LACONIA(LCI)	(110–170 INCL)BREZY V39 CMK MERIT HFD T315 GDM CON	1100–0300
LAKE PLACID(LKP)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300

Terminals	Route	Effective Times (UTC)
LAWRENCE(LWM)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	
LEBANON(LEB)	(110–170 INCL)BREZY V39 CMK MERIT HFD KEYNN	1100–0300
MANCHESTER(MHT)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT V99 HFD T315 GDM MANCH	1100–0300
NANTUCKET(ACK)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
NASHUA(ASH)	(110–170 INCL)BREZY V39 CMK MERIT HFD T315 GDM MANCH	1100–0300
NEW BEDFORD(EWB)	(110–170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
NORWOOD(OWD)	(110–170 INCL)BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
PITTSFIELD(PSF)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CANAN	1100–0300
PORTLAND(PWM)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–150)BREZY V39 CMK MERIT HFD CON	
PROVIDENCE(PVD)	(110–130 ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
PROVINCETOWN(PVC)	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
ROCKLAND(RKD)	(110–170 INCL)BREZY V39 CMK SOARS V487 CAM CON	1100–0300
RUTLAND(RUT)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
SARANAC LAKE(SLK)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
VINEYARD HAVEN(MVY)	(110–170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
WATERVILLE(WVL)	(110–170 INCL)BREZY V39 SOARS V487 CAM CON	1100–0300
NANTUCKET(ACK)		
ERIE(ERI)	(080–100; RNAV/GNSS EQUIPPED ONLY)ACK V146 CTR T458 STUBN JHW	
NEW YORK(LGA)	(120–160 INCL.; RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)MVY V146 PUT NELIE VADDR (RNAV)–STAR	
NEWARK(EWR)	(110–160; 250KTS OR GREATER)MVY V146 PUT NELIE FLOSI (RNAV)–STAR	
NEW HAVEN(HVN)		
ALB,SCH	(110–170 INCL)SOARS V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
AUGUSTA(AUG)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
BALTIMORE(BWI)	(AOB 170)BEADS T320 AVALO T358 SWANN	
BANGOR(BGR)	(110–170 INCL)ORCHA T320 GDM T314 ENE T295 BGR	1100–0300
BEDFORD(BED)	(110–150 ONLY)MAD T303 HFD DREEM (RNAV)–STAR	1100–0300
BEVERLY(BVY)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)MAD HFD DREEM (RNAV)–STAR	
BOSTON(BOS)	(110–170 INCL)BDR MERIT ROBUC (RNAV)–STAR .	1100–0300
CONCORD(CON)	(110–150 INCL)ORCHA T320 GDM	1100–0300
KEENE(EEN)	(110–170 ONLY)ORCHA T320 GDM	1100–0300
LACONIA(LCI)	(110–170 INCL)ORCHA T320 GDM CON	1100–0300
LAWRENCE(LWM)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)MAD HFD DREEM (RNAV)–STAR	
LEBANON(LEB)	(110–170 INCL)ORCHA T320 GDM KEYNN	1100–0300
MANCHESTER(MHT)	(110–170 INCL; PROPS ONLY)MAD T303 HFD T315 GDM MANCH	1100–0300
	or	
	(110–170 INCL; JETS ONLY)MAD T303 HFD CRIBB ROZZE (RNAV)–STAR	1100–0300
NASHUA(ASH)	(110–150 INCL)MAD T303 HFD T315 GDM MANCH	1100–0300
PORTLAND(PWM)	(110–170 INCL)MAD T303 HFD KEYNN CDOGG CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–150)ORCHA T320 GDM CON	
PROVIDENCE(PVD)	(110–170 INCL)MAD CARLD V188 GON V374 MINNK	
ROCKLAND(RKD)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
WATERVILLE(WVL)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
NEW YORK(ISP)		
ALB,SCH	(110–170 INCL)SOARS V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300

Terminals	Route	Effective Times (UTC)
AUGUSTA(AUG)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
BANGOR(BGR)	(110–170 INCL)ORCHA T320 GDM T314 ENE T295 BGR	1100–0300
BED, BVY, LWM	(110–150 ONLY; RNAV 1 – DME/DME/IRU OR GPS)ORCHA T320 GON YANTC DREEM (RNAV)–STAR	
BEVERLY(BVY)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)ORCHA T320 GON YANTC DREEM (RNAV)–STAR	
CONCORD(CON)	(110–150 INCL)ORCHA T320 GDM	1100–0300
KEENE(EEN)	(110–170 ONLY)ORCHA T320 GDM	1100–0300
LACONIA(LCI)	(110–170 INCL)ORCHA T320 GDM CON	1100–0300
LAWRENCE(LWM)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)ORCHA T320 GON YANTC DREEM (RNAV)–STAR	
LEBANON(LEB)	(110–170 INCL)ORCHA T320 GDM KEYNN	1100–0300
MANCHESTER(MHT)	(110–170 INCL; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)ORCHA T320 GDM T314 GDM MANCH	1100–0300
NASHUA(ASH)	(110–150 INCL)ORCHA T320 GDM T314 GDM MANCH	1100–0300
PORTLAND(PWM)	(110–170 INCL)MERIT HFD KEYNN CDOGG CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–150)ORCHA T320 GDM CON	
PROVIDENCE(PVD)	(110–170 INCL; RNAV/GNSS REQUIRED)ORCHA WACKY PVD	
ROCKLAND(RKD)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
WATERVILLE(WVL)	(110–170 INCL)ORCHA T320 GDM T314 ENE	1100–0300
NEW YORK(JFK)		
ALB,SCH	(70–170 INCL)BDR V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)BDR V487 CAM CON	1100–0300
BALTIMORE(BWI)	(90–170 INCL. 250 KTS OR LESS)WHITE T303 LEEAH T358 SWANN	1100–0300
BANGOR(BGR)	(110–170 INCL)MERIT HFD PUT ENE	1100–0300
BAR HARBOR(BHB)	(110–170 INCL)BDR V487 CAM CON AUG	1100–0300
BARRE/MONTPELIER(MPV)	(110–170 INCL)BDR V487 CAM	1100–0300
BEDFORD(BED)	(110–170 INCL)MERIT HFD DREEM (RNAV)–STAR.	1100–0300
BOSTON(BOS)	(110–170; DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)MERIT ORW WOONS–STAR	1100–0300
	or	
	(110–170; NON–TURBOJET)MERIT ORW WOONS–STAR	1100–0300
BURLINGTON(BTV)	(110–170 INCL; PROPS ONLY)BDR V487 CAM GRNMT	
	or	
	(90–170 INCL)BDR V487 CAM GRNMT	
BWI, MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)WAVEY PLUME T320 BILIT MIIDY MIIDY (RNAV)–STAR	
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(90–170 INCL. 250 KTS OR LESS; RNAV 1 – DME/DME/IRU OR GPS)WHITE T303 TRPOD OUTLA (RNAV)–STAR	
	or	
	(90–170 INCL, MORE THAN 250 KTS; RNAV 1 – DME/DME/IRU OR GPS)WAVEY PLUME T320 WNSTN TRPOD OUTLA (RNAV)–STAR	
HAGERSTOWN(HGR)	(140–160)RBV T438 DUMMR T299 REEES	
	or	
	(90–130 INCL)COATE T218 TALLI LVZ T295 DUMMR T299 REEES	
HARRISBURG(MDT)	(90–130 INCL)COATE T218 TALLI LVZ T295 DUMMR	1100–0300
	or	
	(90–130 INCL)COATE T218 TALLI LVZ T295 DUMMR T299 HWANG	1100–0300
	or	
	(140–160 INCL)RBV T438 DUMMR T299 HWANG.	
LAWRENCE(LWM)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)MERIT HFD DREEM (RNAV)–STAR	
MONTREAL(CYUL)	(110–170)BDR V91 V487 BTV PBERG CARTER (CANADIAN) (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
NANTUCKET(ACK)	(110–170 INCL)BAYYS T315 SEALL V188 GON T216 NEWBE T300 DEEPO DEEPO (RNAV)–STAR	1100–0300
	or	
	(110–170; JETS ONLY)BETTE KYSKY DEEPO (RNAV)–STAR	1100–0300
PITTSFIELD(PSF)	(110–170 INCL)BDR V487 HIDAL	1100–0300
PORTLAND(PWM)	(110–170 INCL)BDR V487 CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–150)MERIT HFD CON	
PROVIDENCE(PVD)	(110–170 INCL)BAYYS T315 SEALL V188 GON V374 MINNK	1100–0300
PROVINCETOWN(PVC)	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
ROCHESTER(ROC)	(140–170 INCL)GAYEL V374 CFB V252 GIBBE	1100–0300
	or	
	(90–130 INCL)HAAYS HUO V252 GIBBE	1100–0300
ROCKLAND(RKD)	(110–170 INCL)BDR V487 CAM	1100–0300
RUTLAND(RUT)	(110–170 INCL)BDR V487 CAM	1100–0300
SYRACUSE(SYR)	(90–130 INCL)HAAYS HUO V252 CFB T335 CORTA	1100–0300
	or	
	(140–170 INCL)GAYEL V374 CFB T335 CORTA	1100–0300
TORONTO(CYYZ)	(NON JET ACFT ONLY)COATE T218 LAAYK STUBN WOZEE VERKO (CANADIAN) (RNAV)–STAR	
	or	
	(NON JET ACFT ONLY)GAYEL V374 CFB T458 STUBN WOZEE VERKO (CANADIAN) (RNAV)–STAR	
WASHINGTON(DCA)	(80–170 INCL. 250 KTS OR LESS)JFK T303 LEEAH T315 CHOPS T320 VAALI CAPKO	1100–0300
	or	
	(80–170 INCL. MORE THAN 250 KTS)WAVEY PLUME T320 VAALI CAPKO	1100–0300
WATERVILLE(WVL)	(110–170 INCL)BDR V487 CAM CON	1100–0300
NEW YORK(LGA)		
ALB,SCH	(110–150 ONLY)BDR V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)BDR V487 CAM CON	1100–0300
AUGUSTA(AUG)	(110–170 INCL)BDR V487 CAM CON	1100–0300
BALTIMORE(BWI)	(TURBOJETS ONLY)BIGGY V3 MXE V378 NUGGY TRISH (RNAV)–STAR	
BANGOR(BGR)	(110–170 INCL)BDR V487 CAM CON AUG	1100–0300
BAR HARBOR(BHB)	(110–170 INCL)BDR V487 CAM CON AUG	1100–0300
BARRE/MONTPELIER(MPV)	(110–170 INCL)BDR V487 CAM	1100–0300
BEDFORD(BED)	(110–170 INCL)MERIT HFD DREEM (RNAV)–STAR .	1100–0300
BEVERLY(BVY)	(110–170 INCL)MERIT HFD DREEM (RNAV)–STAR .	1100–0300
BINGHAMTON(BGM)	(90–170 INCL)HAAYS HUO V252 CFB	1100–0300
BOSTON(BOS)	(110–170; DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)–STAR	1100–0300
	or	
	(110–170; NON–TURBOJET)MERIT ORW WOONS–STAR	1100–0300
BURLINGTON(BTV)	(110–170 INCL)BDR V487 CAM GRNMT	
CONCORD(CON)	(110–150 INCL)MERIT HFD T315 GDM	1100–0300
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(90–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)WHITE T303 TRPOD OUTLA (RNAV)–STAR	
ELMIRA/CORNING(ELM)	(90–170 INCL)COATE T218 LAAYK STUBN	1100–0300
GLENS FALLS(GFL)	(110–170 INCL)BDR V487 CAM	1100–0300
HARRISBURG(CXY)	(90–100)LANNA T430 ETX V162 HWANG	1100–0300
	or	
	(110–170 INCL)ELIOT V39 ETX T299 HWANG	1100–0300
HYANNIS(HYA)	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
KEENE(EEN)	(110–170 INCL)MERIT HFD T315 GDM	1100–0300
LACONIA(LCI)	(110–170 INCL)MERIT HFD T315 GDM CON	1100–0300
LAKE PLACID(LKP)	(110–170 INCL)BDR V487 CAM	1100–0300
LAWRENCE(LWM)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)MERIT HFD DREEM (RNAV)–STAR	
LEBANON(LEB)	(110–170 INCL)MERIT HFD KEYNN	1100–0300
MANCHESTER(MHT)	(110–170 INCL; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)MERIT HFD T315 GDM MANCH	1100–0300

Terminals	Route	Effective Times (UTC)
MONTREAL(CYUL)	(70–170 INCL)BDR V91 BOWAN V487 BTV PBERG CARTER (CANADIAN) (RNAV)–STAR	
NANTUCKET(ACK)	(110–170 INCL; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
NASHUA(ASH)	(110–170 INCL)MERIT HFD T315 GDM MANCH	1100–0300
NEW BEDFORD(EWB)	(110–170 INCL)BAYYS SEALL V188 GON V374 MINNK	1100–0300
NORWOOD(OWD)	(110–170 INCL)MERIT ORW WOONS–STAR	1100–0300
PITTSBURGH(PIT)	(90–100 INCL)LANNA T430 PSB HAYNZ (RNAV)–STAR	1100–0300
	or	
	(140–170)ELIOT V39 ETX T430 PSB HAYNZ (RNAV)–STAR	1100–0300
PITTSFIELD(PSF)	(110–170 INCL)BDR V487 HIDAL	1100–0300
PORTLAND(PWM)	(110–170 INCL)BDR V487 CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–150)MERIT HFD CON	
PROVIDENCE(PVD)	(110–130 ONLY)BAYYS SEALL V188 GON V374 MINNK	1100–0300
PROVINCETOWN(PVC)	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
RICHMOND(RIC)	(90–170 INCL)WHITE T303 JAMIE	1100–0300
ROCHESTER(ROC)	(90–170 INCL)HAAYS HUO V252 GIBBE	1100–0300
ROCKLAND(RKD)	(110–170 INCL)BDR V487 CAM	1100–0300
RUTLAND(RUT)	(110–170 INCL)BDR V487 CAM	1100–0300
SARANAC LAKE(SLK)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
SYRACUSE(SYR)	(90–170 INCL, 250 KTS PLUS)GAYEL CFB T335 CORTA	
	or	
	(90–170 INCL. LESS THAN 250 KTS)HAAYS HUO V252 CFB T335 CORTA	1100–0300
TORONTO(CYYZ)	(NON JET ACFT ONLY)COATE T218 LAAYK STUBN WOZEE VERKO (CANADIAN) (RNAV)–STAR	
VINEYARD HAVEN(MVY)	(110–170 INCL)BAYYS T315 SEALL V188 GON V374 MVY	1100–0300
WASHINGTON(DCA)	(90–170 INCL PROPS)BIGGY V3 MXE V378 BAL	1100–0300
WASHINGTON(IAD)	(90–130 INCL PROPS)LANNA T430 ETX V39 LRP V143 MULRR AML	1100–0300
	or	
	(140–170 INCL PROPS)ELIOT V39 LRP V143 MULRR AML	1100–0300
WATERVILLE(WVL)	(110–170 INCL)BDR V487 CAM CON	1100–0300
WILKES–BARRE/SCRANTON(AVP)	(90–170 INCL)COATE T218 TALLI LVZ	1100–0300
NEW YORK(SWF)		
ALB,SCH	(110–150 ONLY)STUBY V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–130 INCL)STUBY SASHA T295 ENE	1100–0300
AUGUSTA(AUG)	(110–170 INCL)STUBY V487 CAM CON	1100–0300
BANGOR(BGR)	(110–170 INCL)STUBY V487 CAM CON AUG	1100–0300
BAR HARBOR(BHB)	(110–170 INCL)STUBY V487 CAM CON AUG	1100–0300
BARRE/MONTPELIER(MPV)	(110–170 INCL)STUBY V487 CAM	1100–0300
BOSTON(BOS)	(110–170 INCL; PROPS ONLY)STUBY SASHA T295 WARIC GDM T608 REVER	1100–0300
	or	
	(110–170 INCL; JETS ONLY)PWL STUBY WHATE JFUND (RNAV)–STAR	1100–0300
BURLINGTON(BTV)	(110–170 INCL)STUBY V487 CAM GRNMT	
CONCORD(CON)	(110–170 INCL)STUBY SASHA T295 CON	1100–0300
GLENS FALLS(GFL)	(110–170 INCL)STUBY V487 CAM	1100–0300
HYANNIS(HYA)	(110–170 INCL)PWL V34 MOONI T216 HFD GON V374 MVY	1100–0300
KEENE(EEN)	(110–170 ONLY)STUBY SASHA T295 KEYNN	1100–0300
LACONIA(LCI)	(110–170 INCL)STUBY SASHA T295 CON	1100–0300
LAKE PLACID(LKP)	(110–170 INCL)STUBY V487 CAM	1100–0300
LEBANON(LEB)	(110–170 INCL)STUBY SASHA T295 KEYNN	1100–0300
MANCHESTER(MHT)	(110–170 INCL; PROPS ONLY)STUBY SASHA T295 KEYNN	1100–0300
NANTUCKET(ACK)	(10000; RNAV 1 – DME/DME/IRU OR GPS)PWL HFD T216 GON CLAMY (RNAV)–STAR	
NASHUA(ASH)	(110–150 INCL)STUBY SASHA T295 KEYNN	1100–0300
PITTSFIELD(PSF)	(110–170 INCL)STUBY V487 HIDAL	1100–0300
PORTLAND(PWM)	(110–170 INCL)STUBY V487 CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–170 INCL)STUBY SASHA T295 CON	1100–0300
PROVIDENCE(PVD)	(110–170 INCL)PWL V34 MOONI T216 HFD YANTC T300 LAFAY	1100–0300

Terminals	Route	Effective Times (UTC)
ROCKLAND(RKD)	(110–170 INCL)STUBY V487 CAM CON	1100–0300
VINEYARD HAVEN(MVY)	(110–170 INCL)IGN T216 HFD GON V374 MVY	1100–0300
NEWARK(EWR)		
ALB,SCH	(110–150 INCL; JETS ONLY)BDR V487 CANAN	1100–0300
	or	
	(110–150 ONLY; PROPS ONLY)BREZY V39 SOARS V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)BDR V487 CAM CON	1100–0300
AUGUSTA(AUG)	(110–170 INCL)BDR V487 CAM CON	1100–0300
BALTIMORE(BWI)	(TURBOJETS ONLY)BIGGY V3 MXE V378 NUGGY TRISH (RNAV)–STAR	
BALTIMORE(MTN)	(90–170 INCL)BIGGY V3 MXE V408 VINNY V93 SKILS	1100–0300
BANGOR(BGR)	(110–170 INCL)BDR V487 CAM CON AUG	1100–0300
BAR HARBOR(BHB)	(110–170 INCL)BDR V487 CAM CON AUG	1100–0300
BARRE/MONTPELIER(MPV)	(110–170 INCL)BDR V487 CAM	1100–0300
BEDFORD(BED)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; JETS ONLY)MERIT HFD DREEM (RNAV)–STAR	1100–0300
BEVERLY(BVY)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; JETS ONLY)MERIT HFD DREEM (RNAV)–STAR	1100–0300
BINGHAMTON(BGM)	(90–170 INCL)HAAYS HUO V252 CFB	1100–0300
BOSTON(BOS)	(110–170; TURBOJET: DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
BUFFALO(BUF)	(90–170 INCL)COATE T218 LAAYK STUBN BENEE	1100–0300
BURLINGTON(BTV)	(110–170 INCL)BDR V487 CAM GRNMT	1100–0300
CLEVELAND(CLE)	(140–170 INCL)ELIOT V39 ETX T430 PSB UPPRR TRYBE (RNAV)–STAR	1100–0300
	or	
	(90–100 INCL)LANNA T430 SEG PSB UPPRR TRYBE (RNAV)–STAR	1100–0300
CONCORD(CON)	(110–150 INCL)MERIT HFD T315 GDM	1100–0300
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(RNAV 1 – DME/DME/IRU OR GPS)ELVAE NECCK WHITE T303 TRPOD OUTLA (RNAV)–STAR	
ELMIRA/CORNING(ELM)	(90–170 INCL)COATE T218 LAAYK STUBN	1100–0300
GLENS FALLS(GFL)	(110–170 INCL; PROPS ONLY)BREZY V39 SOARS V487 CAM	1100–0300
	or	
	(110–170 INCL; JETS ONLY)BDR V487 CAM	1100–0300
HARRISBURG(CXY)	(110–170 INCL)ELIOT V39 ETX T299 HWANG	1100–0300
	or	
	(90–100 INCL)LANNA T430 ETX V162 HWANG	1100–0300
HYANNIS(HYA)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
	or	
	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
KEENE(EEN)	(110–170 INCL)MERIT HFD T315 GDM	1100–0300
LACONIA(LCI)	(110–170 INCL)MERIT HFD T315 GDM CON	1100–0300
LAKE PLACID(LKP)	(110–170 INCL; JETS ONLY)BDR V487 CAM	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)BREZY V39 SOARS V487 CAM	1100–0300
LAWRENCE(LWM)	(110–170 INCL; PROPS ONLY, RNAV 1 – DME/DME/IRU OR GPS)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	
	or	
	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)MERIT HFD DREEM (RNAV)–STAR	
LEBANON(LEB)	(110–170 INCL)MERIT HFD KEYNN	1100–0300

Terminals	Route	Effective Times (UTC)
MANCHESTER(MHT)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD T315 GDM MANCH	1100–0300
	or	
	(110–170 INCL; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)–STAR	1100–0300
MARTINSBURG(MRB)	(110–170 INCL)ELIOT V39	1100–0300
	or	
	(90–100)LANNA T430 ETX V39 MRB	1100–0300
MONTREAL(CYUL)	(70–170 INCL)BDR V91 BOWAN V487 BTV PBERG CARTER (CANADIAN) (RNAV)–STAR	
NANTUCKET(ACK)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
NASHUA(ASH)	(110–170 INCL)MERIT HFD T315 GDM MANCH	1100–0300
NEW BEDFORD(EWB)	(110–170 INCL; JETS ONLY)BAYYS SEALL V188 GON V374 MINNK	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
NORWOOD(OWD)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
	or	
	(110–170 INCL)MERIT ORW WOONS–STAR	1100–0300
OTTAWA(CYOW)	(110–170 INC; PROPS ONLY)BREZY V39 SOARS V487 CAM BUGSY DEANS (CANADIAN) (RNAV)–STAR	
PITTSBURGH(PIT)	(90–100 INCL)LANNA T430 PSB HAYNZ (RNAV)–STAR	1100–0300
	or	
	(140–170 INCL)ELIOT V39 ETX T430 PSB HAYNZ (RNAV)–STAR	1100–0300
PITTSFIELD(PSF)	(110–170 INCL)BDR HIDAL V487	1100–0300
PORTLAND(PWM)	(110–170 INCL)BDR V487 CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–150)BREZY V39 CMK MERIT HFD CON	
PROVIDENCE(PVD)	(110–130 ONLY; PROPS ONLY)BREZY V39 CMK BAYYS SEALL GON MINNK	1100–0300
	or	
	(110–130 ONLY)BAYYS SEALL V188 GON V374 MINNK	1100–0300
PROVINCETOWN(PVC)	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
RICHMOND(RIC)	ELVAE NECCK WHITE T303 JAMIE	
ROCHESTER(ROC)	(90–170 INCL)HAAYS HUO V252 GIBBE	1100–0300
ROCKLAND(RKD)	(110–170 INCL)BDR V487 CAM	1100–0300
RUTLAND(RUT)	(110–170 INCL)BDR V487 CAM	1100–0300
SARANAC LAKE(SLK)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
SYRACUSE(SYR)	(90–170 INCL. LESS THAN 250 KTS)HAAYS HUO V252 CFB T335 CORTA	1100–0300
	or	
	(90–170 INCL, 250 KTS PLUS)GAYEL CFB T335 CORTA	1100–0300
TORONTO(CYYZ)	(NON JET ACFT ONLY)COATE T218 LAAYK STUBN WOZEE VERKO (CANADIAN) (RNAV)–STAR	
VINEYARD HAVEN(MVY)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
	or	
	(110–170 INCL)BAYYS T315 SEALL V188 GON V374 MVY	1100–0300
WASHINGTON(DCA)	(90–170 INCL PROPS)BIGGY V3 MXE V378 BAL	1100–0300
WASHINGTON(IAD)	(90–130 INCL PROPS)LANNA T430 ETX V39 LRP V143 MULRR AML	1100–0300
	or	
	(140–170 INCL PROPS)ELIOT V39 LRP V143 MULRR AML	1100–0300
WATERVILLE(WVL)	(110–170 INCL)BDR V487 CAM CON	1100–0300
WILKES–BARRE/SCRANTON(AVP)	(90–170 INCL)COATE T218 TALLI LVZ	1100–0300
NORFOLK(ORF)		
NEW YORK(JFK)	(90–170 INCL, 250 KTS OR LESS)HOLND (RNAV)–DP KALDA ZJAAY T307 WNSTN PANZE V184 ZIGGI	
NEW YORK(LGA)	(TURBOPROPS)NUTIY (RNAV)–DP SHLBK APPLE (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
NEWARK(EWR)	(TURBOPROPS)NUTIY (RNAV)–DP SHLBK BRAND (RNAV)–STAR	
TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)	(PROPS)HOLND (RNAV)–DP KALDA TRPOD T335 ENO T447 HOSKR MAZIE V3 SBJ or (TURBOPROPS)NUTIY (RNAV)–DP T295 SHLBK MAZIE (RNAV)–STAR	
PHILADELPHIA(PHL)		
BINGHAMTON(BGM)	(90–170 INCL)PTW CHLSE T449 CFB	
BOSTON(BOS)	(90–170 INCL)DITCH T416 DRIFT T320 YANTC T224 WOONS	1100–0300
BUFFALO(BUF)	PTW CHLSE DIANO T447 FQM STUBN BENEE	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(AOB 160; JET & TURBOPROPS ONLY :RNAV 1 – DME/DME/IRU OR GPS)MXE HYPER (RNAV)–STAR	
DXR, HPN	(90–170 INCL; ACFT 210K OR GREATER: RNAV 1 – DME/DME/IRU OR GPS)DITCH T416 DRIFT T320 BRIGS EEGOR (RNAV)–STAR	
ELMIRA/CORNING(ELM)	PTW CHLSE DIANO T447 FQM STUBN	
NEW YORK(JFK)	(110–170 ; TURBOJETS ONLY)DITCH T416 WINKK V44 CAMRN	
RICHMOND(RIC)	(80–170 INCL)OOD TEBEE HAYDO GROUT T315 SHLBK T224 COLIN	
SYRACUSE(SYR)	(90–170 INCL)PTW CHLSE T449 CFB T335 CORTA	
TORONTO(CYYZ)	PTW CHLSE DIANO T447 FQM STUBN WOZEE LINNG (CANADIAN) (RNAV)–STAR	
WASHINGTON(DCA)	(TURBOJETS ONLY)MXE V378 BAL	1100–0300
WINDSOR LOCKS(BDL)	(90–170 INCL)DITCH T416 DRIFT T320 RICED KEYED MAD BRISS	1100–0300
PITTSBURGH(PIT)		
CLEVELAND(CLE)	(6000'–17000' INCL; RNAV TURBOJET)BSV ROLLN ROLLN (RNAV)–STAR	1100–0300
DETROIT(DTW)	(60–170 INCL; DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)BSV EEEZI BONZZ BONZZ (RNAV)–STAR or (60–170 INCL; DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)BSV EEEZI BONZZ KLYNK (RNAV)–STAR	
PROVIDENCE(PVD)		
ERIE(ERI)	(080–100; RNAV/GNSS EQUIPPED)PUT CTR T458 STUBN JHW	
LGA, DXR, HPN	(120–160 INCL.; RNAV1–DME/DME/IRU,PROP/TURBOPROP, 250 KTS OR LESS)PVD V146 BAF NOBBI (RNAV)–STAR	
NEW YORK(LGA)	(120–160 INCL.; RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)PUT NELIE VADDR (RNAV)–STAR	
NEWARK(EWR)	(110–170; NON–TURBOJET)PUT V146 BAF MOBBS SAGES V489 COATE or (110–170; TURBOJETS – ADVANCED RNAV)PUT NELIE FLOSI (RNAV)–STAR	1100–0300 1100–0300
RICHMOND(RIC)		
BWI, MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)LUCYL (RNAV)–DP LUCYL SHLBK LOUIE MIIDY MIIDY (RNAV)–STAR	
ROCHESTER(ROC)		
BALTIMORE(BWI)	GEE STUBN T445 HAR BAL	
FRG, JFK	(90–170 INCL.; RNAV EQUIP. PROPS/TURBOPROPS OPERATING AOB 250 KTS)ROC V34 BEEPS RAHKS PAWLN (RNAV)–STAR	
RUTLAND(RUT)		
HPN, DXR	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)RIVVR VALRE (RNAV)–STAR	
HPN, DXR, LGA	(RNAV1–DME/DME/IRU,PROP/TURBOPROP,250 KTS OR LESS)ALB NOBBI (RNAV)–STAR	
SYRACUSE(SYR)		
BOSTON(BOS)	SYR T608 MARIA PONCT JFUND (RNAV)–STAR	1100–0300
FRG, JFK	(70–170 INCL.; RNAV EQUIP. PROPS/TURBOPROPS OPERATING AOB 250KTS.)SYR T634 RAHKS PAWLN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
NEWARK(EWR)	(PROPS, TURBOPROPS LESS THAN 250K)HNK V167 WEARD V489 COATE	
	or	
	(110–170 INCL; TURBOJETS,NON–TURBOJETS CAPABLE OF 250K OR GREATER)HNK FLOSI (RNAV)–STAR	
PHILADELPHIA(PHL)	(110–160; TURBOJETS ONLY)SYR T307 STUBN T440 LOPEZ LVZ SPUDS (RNAV)–STAR	
TETERBORO(TEB)		
ALB,SCH	(110–150 ONLY)BREZY V39 SOARS V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100–0300
AUGUSTA(AUG)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100–0300
BANGOR(BGR)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100–0300
BAR HARBOR(BHB)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100–0300
BARRE/MONTPELIER(MPV)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100–0300
BEDFORD(BED)	(110–170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
BEVERLY(BVY)	(110–170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
BOSTON(BOS)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
	or	
	(110–170 INCL; JETS ONLY)BREZY V39 CMK MERIT ROBUC (RNAV)–STAR	1100–0300
BURLINGTON(BTV)	(110–170 INCL)BREZY V39 CMK GREKI V39 SOARS V487 CAM GRNMT	
CONCORD(CON)	(110–150 INCL)BREZY V39 CMK MERIT HFD T315 GDM	1100–0300
GLENS FALLS(GFL)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100–0300
HYANNIS(HYA)	(110–170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
KEENE(EEN)	(110–130 ONLY)BREZY V39 CMK MERIT HFD T315 GDM	1100–0300
LACONIA(LCI)	(110–170 INCL)BREZY V39 CMK MERIT HFD T315 GDM CON	1100–0300
LAKE PLACID(LKP)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
LAWRENCE(LWM)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
LEBANON(LEB)	(110–170 INCL)BREZY V39 CMK MERIT HFD KEYNN	1100–0300
MANCHESTER(MHT)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD T315 GDM MANCH	1100–0300
NANTUCKET(ACK)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
NASHUA(ASH)	(110–170 INCL)BREZY V39 CMK MERIT HFD T315 GDM MANCH	1100–0300
NEW BEDFORD(EWB)	(110–170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
NORWOOD(OWD)	(110–170 INCL)BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
PITTSFIELD(PSF)	(110–170 INCL)BREZY V39 CMK V39 SOARS V487 CANAN	1100–0300
PORTSMOUTH(PSM)	(110–150)BREZY V39 CMK MERIT HFD CON	
PROVIDENCE(PVD)	(110–130 ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
PROVINCETOWN(PVC)	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
ROCKLAND(RKD)	(110–170 INCL)BREZY V39 CMK SOARS V487 CAM CON	1100–0300
RUTLAND(RUT)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
SARANAC LAKE(SLK)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
VINEYARD HAVEN(MVY)	(110–170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
WATERVILLE(WVL)	(110–170 INCL)BREZY V39 SOARS V487 CAM CON	1100–0300
VINEYARD HAVEN(MVY)		
ERIE(ERI)	(080–100; RNAV/GNSS EQUIPPED ONLY)PVD V146 CTR T458 STUBN JHW	

Terminals	Route	Effective Times (UTC)
HPN, DXR, LGA	(RNAV1–DME/DME/IRU,PROP/TURBOPROP,250 KTS OR LESS)MVY V146 PUT BAF NOBBI (RNAV)–STAR	
NEW YORK(LGA)	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)MVY V146 PUT NELIE VADDR (RNAV)–STAR	
WASHINGTON(DCA)		
ALB,SCH	KRANT V265 EMI V457 LRP T449 CFB T458 DANZI	1100–0300
ALLENTOWN(ABE)	KRANT V265 EMI V457 LRP V39 ETX FJC	1100–0300
ATLANTIC CITY(ACY)	(90–170)PALEO AGARD T287 WNSTN	
	or	
	(AOB 7000)PALEO V312 GOLDA T358 LEEAH	1100–0300
BED, BVY, LWM	(JETS, RNAV 1–DME/DME/IRU OR GPS)DOCTR (RNAV)–DP AGARD WNSTN T320 GON YANTC DREEM (RNAV)–STAR	
BEDFORD(BED)	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 GRAYM DREEM	1100–0300
	or	
	(5000; SINGE ENGINE)PALEO V312 GOLDA T358 ENO T224 JFK T315 HFD DREEM	1100–0300
BINGHAMTON(BGM)	KRANT V265 EMI V457 LRP T449 CFB	1100–0300
BOSTON(BOS)	(90–170 INCL)PALEO AGARD T287 WNSTN T320 YANTC T224 WOONS	1100–0300
	or	
	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 HFD V3 WOONS	1100–0300
	or	
	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 YANTC T224 WOONS	1100–0300
BRIDGEPORT(BDR)	DOCTR (RNAV)–DP AGARD WNSTN T320 RICED KEYED	
	or	
	(90–170)PALEO AGARD T287 WNSTN T320 RICED KEYED	1100–0300
BURLINGTON(BTV)	KRANT V265 EMI V457 LRP T295 LAAYK T291 DANZI LAGGS	
CHARLESTON(CRW)	(TURBOJETS)REBLL (RNAV)–DP OTTTO HVQ	1100–0300
	or	
	(PROPS)CSN WITTO HVQ	1100–0300
CONCORD(CON)	(90–170)PALEO AGARD T287 WNSTN T320 GDM	1100–0300
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(70–170; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)AMEEE (RNAV)–DP COLIN OUTLA (RNAV)–STAR	
	or	
	(70–170; RNAV 1 – DME/DME/IRU OR GPS)WHINO COLIN OUTLA (RNAV)–STAR	
DXR, HPN	(90–170; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)DOCTR (RNAV)–DP AGARD T287 WNSTN T320 BRIGS EEGOR (RNAV)–STAR	
EAST HAMPTON(JPX)	DOCTR (RNAV)–DP AGARD WNSTN T320 ORCHA	
FARMINGDALE(FRG)	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH T303 JFK	1100–0300
	or	
	(90–170; PROPS)PALEO AGARD T287 DONIL T315 PANZE V44 CAMRN	
GREENSBORO(GSO)	(70–170 INCL; NON–JET)CSN V140 MOL T358 AIROW HENBY	
HARTFORD(HFD)	(90–170)PALEO AGARD T287 WNSTN T320 RICED MAD T303 HFD	1100–0300
MATTITUCK(21N)	DOCTR (RNAV)–DP AGARD WNSTN T320 ORCHA	
MONTAUK(MTP)	DOCTR (RNAV)–DP AGARD WNSTN T320 ORCHA	
NANTUCKET(ACK)	(7000; TWIN ENGINE. RNAV 1 – DME/DME/IRU OR GPS)PALEO V312 GOLDA T358 AVALO T320 ORCHA CLAMY (RNAV)–STAR	
	or	
	(110–170; JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)DOCTR (RNAV)–DP AGARD T287 WNSTN T320 ORCHA T705 DEEPO DEEPO (RNAV)–STAR	
	or	
	(7000; SINGLE ENGINE ONLY. RNAV 1 – DME/DME/IRU OR GPS)PALEO V312 GOLDA T358 LEEAH T303 JFK T315 EEGOR MAD CARLD V188 GON CLAMY (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
NEW HAVEN(HVN)	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 RICED KEYED	1100–0300
	or	
	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR	1100–0300
NEW YORK(ISP)	(90–170)PALEO AGARD T287 WNSTN T320 SARDI CCC	1100–0300
	or	
	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 SARDI CCC	1100–0300
NEW YORK(JFK)	(90–170)PALEO AGARD T287 DONIL T315 PANZE V184 ZIGGI	1100–0300
	or	
	(90–170; JETS, 250 KNOTS OR GREATER)DOCTR (RNAV)–DP AGARD T287 DONIL T315 PANZE V44 CAMRN	
	or	
	(90–170 INCL 250 KTS OR GREATER)PALEO AGARD T287 DONIL T315 PANZE V44 CAMRN	1100–0300
NEW YORK(SWF)	(GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 LRP T295 PRNCE FILPS	1100–0300
NEWARK(EWR)	(TURBOPROPS)PALEO V170 SWANN BRAND (RNAV)–STAR	1100–0300
PHILADELPHIA(PHL)	(110; JETS)MITCH SWANN T356 ODESA DQO	
	or	
	(PROPS)PALEO V170 DQO	1100–0300
	or	
	(TURBOJETS)DOCTR (RNAV)–DP DOCTR DQO	1100–0400
POUGHKEEPSIE(POU)	(GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 LRP T295 PRNCE FILPS	1100–0300
PROVIDENCE(PVD)	(90–170)PALEO AGARD T287 WNSTN T320 ORCHA JORDN MINNK	1100–0300
	or	
	(90–170; TURBOJETS. TURBOPROPS)PALEO AGARD T287 WNSTN T320 BEADS HTO JORDN (RNAV)–STAR	1100–0300
ROME(RME)	KRANT V265 EMI V457 LRP T449 CFB LAMMS	1100–0300
TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)	(TURBOPROP)PALEO V170 SWANN MAZIE (RNAV)–STAR	1100–0400
VINEYARD HAVEN(MVY)	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 ORCHA T705 FLAPE	
	or	
	(90–170)PALEO AGARD T287 WNSTN T320 ORCHA T705 FLAPE	1100–0300
	or	
	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR MAD CARLD V188 GON V374 MVY	
WESTFIELD/SPRINGFIELD(BAF)	(90–170)PALEO AGARD T287 WNSTN T320 RICED MAD BRISS	1100–0300
	or	
	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH T303 JFK T315 EEGOR JUDDS	
	or	
	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 RICED MAD BRISS	
WHITE PLAINS(HPN)	(70)KRANT V265 EMI LRP ETX FJC BWZ SAX V39 BREZY	
WILKES–BARRE/SCRANTON(AVP)	KRANT V265 EMI V457 LRP T295 LVZ	1100–0300
WINDSOR LOCKS(BDL)	(210 KTS OR LESS. GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 VINNY T295 LAAYK T212 WEETS V34 MOONI T216 JUDDS	1100–0300
	or	
	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR	1100–0300
	or	
	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 BEADS HTO DEER PARK–STAR	1100–0300
	or	
	(90–170)PALEO AGARD T287 WNSTN T320 BEADS HTO DEER PARK–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
WASHINGTON(IAD)		
DXR, HPN	(90–170 INCL; ACFT 210K OR GREATER: RNAV 1 – DME/DME/IRU OR GPS)WOOLY AGARD WNSTN T320 BRIGS EEGOR (RNAV)–STAR	
EAST HAMPTON(JPX)	WOOLY (RNAV)–DP AGARD WNSTN T320 ORCHA	
GREENSBORO(GSO)	(70–170 INCL; NON–JET)CSN V140 MOL T358 AIROW HENBY	
MATTITUCK(21N)	WOOLY (RNAV)–DP AGARD WNSTN T320 ORCHA	
MONTAUK(MTP)	WOOLY (RNAV)–DP AGARD WNSTN T320 ORCHA	
NEW YORK(ISP)	(90–170 INCL)WOOLY T356 OBWON PALEO WNSTN T320 SARDI CCC	
NEW YORK(JFK)	(90–170 INCL. LESS THAN 250 KTS)WOOLY T356 OBWON PALEO DONIL T315 ACY V184 ZIGGI or (90–170; PART 121 & 129 ONLY, JETS, 250 KNOTS OR GREATER)JCOBY (RNAV)–DP AGARD T287 DONIL T315 PANZE V44 CAMRN	1100–0300
NEW YORK(LGA)	(TURBOJETS ONLY)JCOBY (RNAV)–DP AGARD SPEAK PROUD (RNAV)–STAR or (PROPS)WOOLY T356 ODESA DQO V479 RUUTH V123 RENUE or (90–170 INCL.; TURBOPROPS)WOOLY T356 SWANN APPLE (RNAV)–STAR	
NEW YORK(SWF)	(GPS OR DME/DME OR IRU EQUIPPED)MRB REEES SCAPE PYCAT SEG T212 LAAYK PRNCE FILPS	
NEWARK(EWR)	(110–170 INCL; TURBOPROPS)WOOLY T356 SWANN BRAND (RNAV)–STAR	
PHILADELPHIA(PHL)	(7000'–17000' INCL)WOOLY T356 ODESA DQO	
TETERBORO(TEB)	(TURBOPROPS)WOOLY T356 SWANN MAZIE (RNAV)–STAR	
WHITE PLAINS(HPN)	(7000)MRB REEES T299 HUO IGN V157 HAARP	1100–0300
WHITE PLAINS(HPN)		
ALB,SCH	(110–150 ONLY)CMK V39 SOARS V487 CANAN	1100–0300
AUBURN/LEWISTON(LEW)	(110–170 INCL)CMK V39 SOARS V487 CAM CON	1100–0300
AUGUSTA(AUG)	(110–170 INCL)CMK V39 SOARS V487 CAM CON	1100–0300
BALTIMORE(BWI)	(TURBOJETS ONLY)BIGGY V3 MXE V378 NUGGY TRISH (RNAV)–STAR	
BANGOR(BGR)	(110–170 INCL)CMK V39 SOARS V487 CAM CON AUG	1100–0300
BAR HARBOR(BHB)	(110–170 INCL)CMK V39 SOARS V487 CAM CON AUG	1100–0300
BARRE/MONTPELIER(MPV)	(110–170 INCL)CMK V39 SOARS V487 CAM	1100–0300
BEVERLY(BVY)	(110–170 INCL)MERIT HFD DREEM (RNAV)–STAR	1100–0300
BINGHAMTON(BGM)	(90–170 INCL)HAAYS HUO V252 CFB	1100–0300
BOSTON(BOS)	(110–170; DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)–STAR or (110–170; NON–TURBOJET)MERIT ORW WOONS–STAR	1100–0300 1100–0300
BURLINGTON(BTV)	(110–170 INCL)CMK V39 SOARS V487 CAM GRNMT	
CONCORD(CON)	(110–150 INCL)MERIT HFD T315 GDM	1100–0300
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(90–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)WHITE T303 TRPOD OUTLA (RNAV)–STAR	
ELMIRA/CORNING(ELM)	(90–170 INCL)COATE T218 LAAYK STUBN	1100–0300
GLENS FALLS(GFL)	(110–170 INCL)CMK V39 SOARS V487 CAM	1100–0300
HARRISBURG(CXY)	(90–100)LANNA T430 ETX T299 HWANG or (110–170 INCL)ELIOT V39 ETX T299 HWANG	1100–0300 1100–0300
HYANNIS(HYA)	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
KEENE(EEN)	(110–170 INCL)MERIT HFD T315 GDM	1100–0300
LACONIA(LCI)	(110–170 INCL)MERIT HFD T315 GDM CON	1100–0300
LAKE PLACID(LKP)	(110–170 INCL)CMK V39 SOARS V487 CAM	1100–0300
LAWRENCE(LWM)	(110–170 INCL; RNAV 1 – DME/DME/IRU OR GPS)MERIT HFD DREEM (RNAV)–STAR	
LEBANON(LEB)	(110–170 INCL)MERIT HFD KEYNN	1100–0300

Terminals	Route	Effective Times (UTC)
MANCHESTER(MHT)	(110–170 INCL; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)MERIT HFD T315 GDM MANCH	1100–0300
MONTREAL(CYUL)	(70–170 INCL)GREKI V39 SOARS V487 BTV PBERG CARTER (CANADIAN) (RNAV)–STAR	
NANTUCKET(ACK)	(110–170 INCL; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
NASHUA(ASH)	(110–170 INCL)MERIT HFD T315 GDM MANCH	1100–0300
NEW BEDFORD(EWB)	(110–170 INCL)BAYYS SEALL V188 GON V374 MINNK	1100–0300
NORWOOD(OWD)	(110–170 INCL)MERIT ORW WOONS–STAR	1100–0300
PITTSBURGH(PIT)	(90–170 INCL)COATE LAAYK T216 PSB HAYNZ (RNAV)–STAR	
PITTSFIELD(PSF)	(110–170 INCL)CMK V39 SOARS V487 HIDAL	1100–0300
PORTLAND(PWM)	(110–170 INCL)CMK V39 SOARS V487 CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(110–150)MERIT HFD CON	
PROVIDENCE(PVD)	(110–130 ONLY)BAYYS SEALL V188 GON V374 MINNK	1100–0300
PROVINCETOWN(PVC)	(110–170 INCL)BAYYS SEALL V188 GON V374 MVY	1100–0300
RICHMOND(RIC)	(110–170 INCL)WHITE T303 JAMIE	1100–0300
ROCHESTER(ROC)	(9000–17000 INCL)HAAYS HUO V252 GIBBE	1100–0300
ROCKLAND(RKD)	(110–170 INCL)CMK V39 SOARS V487 CAM CON	1100–0300
RUTLAND(RUT)	(110–170 INCL)CMK V39 SOARS V487 CAM	1100–0300
SARANAC LAKE(SLK)	(110–170 INCL)BREZY V39 SOARS V487 CAM	1100–0300
SYRACUSE(SYR)	(140–170 INCL)HAAYS HUO V252 CFB T335 CORTA	1100–0300
	or	
	(90–130 INCL)HAAYS HUO V252 CFB T335 CORTA	1100–0300
TORONTO(CYYZ)	(90–170 INCL)COATE T218 LAAYK STUBN WOZEE LINNG (CANADIAN) (RNAV)–STAR	
VINEYARD HAVEN(MVY)	(110–170 INCL)BAYYS T315 SEALL V188 GON V374 MVY	1100–0300
WASHINGTON(DCA)	(90–170 INCL PROPS)BIGGY V3 MXE V378 BAL	1100–0300
WASHINGTON(IAD)	(90–130 INCL PROPS)LANNA T430 ETX V39 LRP V143 MULRR AML	1100–0300
	or	
	(140–170 INCL PROPS)ELIOT V39 LRP V143 MULRR AML	1100–0300
WATERVILLE(WVL)	(110–170 INCL)CMK V39 SOARS V487 CAM CON	1100–0300
WILKES–BARRE/SCRANTON(AVP)	(90–170 INCL)COATE T218 TALLI LVZ	1100–0300
WINDSOR LOCKS(BDL)		
ERIE(ERI)	(080–100; RNAV/GNSS EQUIPPED ONLY)CTR T458 STUBN JHW	
NEWARK(EWR)	(110–170 INCL; MORE THAN 250 KTS)VEERS IGN FLOSI FLOSI (RNAV)–STAR	1100–0300
	or	
	(70–170 INC; RNAV ONLY, 250K OR LESS)MOBBS SAGES V489 COATE	1100–0300
PHILADELPHIA(PHL)	(60–170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)MOBBS T295 LAAYK WLKES T455 FJC T221 MAZIE	1100–0300
	or	
	(110–170 INCL; NON–TURBOJET)HFD T216 THUMB ORCHA T320 BRIGS ACY V184 OOD	1100–0300
	or	
	(60–170 INCL PROPS LESS THAN 210 KTS; PROPS. GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK WLKES T335 SLATT V6 FJC MAZIE	1100–0300
	or	
	(60–170 INCL. PROPS 210 KTS PLUS; PROPS. GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK WLKES T335 SLATT V6 FJC MAZIE	1100–0300

Terminals	Route	Effective Times (UTC)
PHILADELPHIA(PNE)	(110–170)(WATER ROUTE)BOS LUCOS SEY ORCHA T320 MANTA T438 ARD	1100–0300
	or	
	MOBBS T295 LAAYK WLKES T455 FJC ARD	1100–0300
	or	
	(090–170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK WLKES T335 ETX T430 TROXL ARD	1100–0300
	or	
	(110–170; NON–TURBOJET)HFD T216 THUMB ORCHA T320 BRIGS ACY V184 OOD	1100–0300
TRENTON(TTN)	MOBBS T295 LAAYK WLKES T455 FJC ARD	1100–0300
	or	
	(090–170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK WLKES T335 ETX T430 TROXL ARD	1100–0300
	or	
	(110–170)(WATER ROUTE)HFD T216 THUMB ORCHA T320 MANTA T438 ARD	1100–0300
WILMINGTON(ILG)	(110–170; NON–TURBOJET)HFD T216 THUMB ORCHA T320 BRIGS ACY V184 OOD	1100–0300
WORCESTER(ORH)		
ERIE(ERI)	(080–100; RNAV/GNSS EQUIPPED ONLY)CTR T458 STUBN JHW	
NEW YORK(LGA)	(120–160 INCL; RNAV1–DME/DME/IRU OR GPS,250 KTS OR GREATER)NELIE VADDR (RNAV)–STAR	

SPECIAL LOW ALTITUDE PREFERRED DIRECTION ROUTES

Terminals	Route	Effective Times (UTC)
TRAFFIC OVERFLYING THE WASHINGTON, DC METRO AREA		
S BND	MXE T456 SCAPE T299 BAMMY	1100–0300
	T299	1100–0300
	T299 KAIJE T287	1100–0300

HIGH ALTITUDE

Terminals	Route	Effective Times (UTC)
TEB,MMU,CDW		
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)BIGGY Q75 GVE AIROW CHSLY (RNAV)–STAR	
ALB, SCH, GFL, 5B2,		
05C, IGQ, 3HO, GYY, MDW	(RNAV 1–DME/DME/IRU OR GPS)PAYGE Q822 GONZZ Q29 DORET DJB ASHEN PANGG (RNAV)–STAR	
ALB,SCH,GFL,5B2		
ATLANTA(ATL)	ACOVE DBABE Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	1100–0400
BALTIMORE(BWI)	PWL BIZEX Q75 MXE V378 NUGGY TRISH (RNAV)–STAR	1100–0300
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)PWL BIZEX Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHICAGO(ORD)	(DME/DME/IRU OR GNSS REQUIRED)PAYGE Q822 FNT WYNDE (RNAV)–STAR	1100–0300
COVINGTON(CVG)	(DME/DME/IRU OR GNSS REQUIRED)PAYGE Q822 GONZZ JOSSY MAULL KODIE SAVVI TIGRR (RNAV)–STAR	1100–0300
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)PAYGE Q822 GONZZ DONEO CUUGR (RNAV)–STAR	1100–0300
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)PAYGE Q822 GONZZ DONEO TPGUN (RNAV)–STAR	1100–0300
FORT LAUDERDALE(FLL)	PWL BIZEX Q75 GSO Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
FORT MYERS(RSW)	PWL BIZEX Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	1100–0300
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)PWL BIZEX Q75 GSO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
MIAMI(MIA)	PWL BIZEX Q75 GSO Q83 JEVED Q97 DEBRL CSTAL (RNAV)–STAR	
MINNEAPOLIS(MSP)	ARNII Q816 KELTI Q812 ZOHAN CEWDA MUSCL (RNAV)–STAR	1100–0400
MYRTLE BEACH(MYR)	PWL BIZEX Q75 GVE SBV RDU	1100–0300
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)PWL BIZEX Q75 GSO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
ORLANDO(SFB)	PWL BIZEX Q75 GSO Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	1100–0300
RALEIGH/DURHAM(RDU)	PWL BIZEX Q75 GVE MELTN ALDAN (RNAV)–STAR	
SAVANNAH(SAV)	PWL BIZEX Q75 GSO CTF CANTR PLZZZ	1100–0300
ST PETERSBURG–CLEARWATER(PIE)	PWL BIZEX Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
TAMPA(TPA)	PWL BIZEX Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
WASHINGTON(DCA)	PWL BIZEX Q75 MXE CLIPR (RNAV)–STAR	1100–0300
WEST PALM BEACH(DJT)	PWL BIZEX Q75 GSO Q83 JEVED Q97 KENLL CPTAN (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(AOB FL220; NON–JET AIRCRAFT: RNAV 1 – DME/DME/IRU OR GPS)CEDOR HNK LYKOM PRTZL (RNAV)–STAR or (AOA FL240; JET & TURBOPROP ACFT:RNAV 1 – DME/DME/IRU OR GPS)ACOVE FILGA HYPER (RNAV)–STAR	
FA54, LAL, PGD, SRQ, VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)PWL BIZEX Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
ALBANY(ALB)		
DALLAS–FORT WORTH(DFW)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(DFW SOUTH FLOW)ALB J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(DFW NORTH FLOW)ALB J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
DENVER(DEN)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)ARNII Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)–STAR	
JVY, LOU, SDF	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)ALB J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
LAS VEGAS(LAS)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)PAYGE Q822 GONZZ Q29 CREEP J110 RSK J64 TBC SQIRE RKSTR (RNAV)–STAR	
MEMPHIS(MEM)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)ALB J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	
NASHVILLE(BNA)	(RNAV 1 – DME/DME/IRU OR GPS; JETS)ALB J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	
ATLANTIC CITY(ACY)		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)LEEAH ATR TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	LEEAH ATR TRPOD Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)LEEAH ATR TRPOD Q409 CRPLR PAACK Q97 KENLL TARPN (RNAV)–STAR	
APF,FMY,MKY,RSW	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)LEEAH T358 OBWON T356 DROSA GVE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR or LEEAH ATR TRPOD Q409 PUPYY Q103 CYNTA SHFTY (RNAV)–STAR or (JETS ONLY)(WATER)LEEAH ATR TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
ATLANTA(ATL)	LEEAH T358 OBWON T356 DROSA CSN J48 MOL FLASK OZZZI (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)LEEAH ATR TRPOD Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, ES0P, SF50, CS10, CS25)(WATER)LEEAH ATR TRPOD Q409 CRPLR KOOKI Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS, TURBOPROPS: RNAV 1–DME/DME/IRU OR GPS)(WATER)LEEAH ATR TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)LEEAH ATR TRPOD Q409 CRPLR Q85 LPERD SNFLD (RNAV)–STAR	
MCF,PIE,TPA,VDF	LEEAH ATR TRPOD Q409 PUPYY BAAMF DADES (RNAV)–STAR or (JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)LEEAH T358 OBWON T356 DROSA GVE Q75 TEUFL BAAMF DADES (RNAV)–STAR	
MYRTLE BEACH(MYR)	LEEAH ATR TRPOD Q409 CRPLR PAACK WYLMS	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)LEEAH ATR TRPOD Q409 CRPLR Q85 LPERD GTOUT (RNAV)–STAR	
PITTSBURGH(PIT)	LEEAH ENO DQO PENSY J110 VINSE DEMME (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)LEEAH TRPOD TAQLE (RNAV)–STAR	
BAF, BDL, CEF, HFD		
PHILADELPHIA(PHL)	(RNAV 1 – DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC MANTA Q439 BRIGS JIIMS (RNAV)–STAR	
BAF, BDL, CEF, HFD		
WILMINGTON(ILM)	(RNAV1 DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC Q97 PAACK CHVIS BEULA	
BAF,BDL,CEF,HFD		
06FA,BCT,F45,DJT	(JETS; RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)THUMB (RNAV)–DP CCC Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	(RNAV 1 – DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC Q97 KENLL CPTAN (RNAV)–STAR or (RNAV 1 – DME/DME/IRU OPR GPS REQUIRED)THUMB (RNAV)–DP CCC Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)THUMB (RNAV)–DPCCC Q97 KENLL TARPN (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	(RNAV 1 – DME/DME/IRU OR GPS REQURIED)THUMB (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD TTHOR (RNAV)–STAR	
BWI,MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)THUMB (RNAV)–DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	
CHS,JZI	(JETS; RNAV 1 – DME/DME/IRU OR GPS REQUIRED)THUMB (RNAV)–DP CCC Q97 SAWED DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	
FLL,OPF	(RNAV 1 – DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC Q97 PRMUS CUUDA (RNAV)–STAR or (JETS; EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)THUMB (RNAV)–DP CCC Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
ISM,LEE,MCO,ORL,SFB	(JETS; RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)THUMB (RNAV)–DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS; RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)THUMB (RNAV)–DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)THUMB (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
JACKSONVILLE(JAX)	(JETS; RNAV 1 – DME/DME/IRU OR GPS REQUIRED)THUMB (RNAV)–DP CCC Q97 SAWED GUILD Q409 SESUE ESENT LUNNI (RNAV)–STAR	
MYRTLE BEACH(MYR)	(RNAV 1 – DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC Q97 PAACK WYLMS	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)THUMB (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
SAN JUAN(TJSJ)	(RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)THUMB (RNAV)–DP CCC SPDEY Y489 RESQU SKPPR L455 LENNT M423 PLING RTE7 SAALR or (RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)THUMB (RNAV)–DP CCC SPDEY Y488 SAUCR L453 CERDA FIPEK Y355 PLING RTE7 SAALR	
SAVANNAH(SAV)	(RNAV 1 – DME/DME/IRU OR GPS REQUIRED)THUMB (RNAV)–DP CCC Q97 SAWED GUILD Q409 SESUE SOOOP	
WASHINGTON(DCA)	(JETS; RNAV 1 – DME/DME/IRIU OR GPS REQUIRED)THUMB (RNAV)–DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR…	
BAF,BDL,HFD		
07FA,HST,MIA,TMB,X51	(JETS; EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)THUMB (RNAV)–DP CCC Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR or (RNAV 1 – DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC Q97 DEBRL CSTAL (RNAV)–STAR	
BALTIMORE(BWI)		
47N,CDW,LDJ,MMU,SMQ,TEB	(TURBOJETS)DUKPN (RNAV)–DP SWANN JAIKE (RNAV)–STAR	
AKRON(CAK)	LINSE (RNAV)–DP JERES J211 JST SOORD ZZIPS (RNAV)–STAR	
ALBANY(ALB)	(TURBOJETS)DUKPN (RNAV)–DP BROSS Q419 RBV Q22 LLUND TRUDE V487 CANAN	1100–0300
ASHEVILLE(AVL)	(TURBOJETS)TERPZ (RNAV)–DP MAULS Q40 FEEDS SUG	1100–0400
ATLANTA(ATL)	TERPZ (RNAV)–DP FLASK OZZZI (RNAV)–STAR	1100–0300
ATLANTA(FTY)	TERPZ (RNAV)–DP FLASK VIEWS DEHAN (RNAV)–STAR	
ATLANTA(PDK)	TERPZ (RNAV)–DP FLASK VIEWS DEHAN (RNAV)–STAR	
AUGUSTA(AGS)	TERPZ (RNAV)–DP RRSIN GSO STWRT–STAR	
AUSTIN(AUS)	TERPZ (RNAV)–DP MAULS Q40 ALEAN VXV SQS SWEUP LUKKN WLEEE (RNAV)–STAR	
BANGOR(BGR)	(TURBOJETS)DUKPN (RNAV)–DP BROSS Q419 RBV Q22 FOXWD BOS	
BAR HARBOR(BHB)	DUKPN (RNAV)–DP BROSS Q419 RBV Q22 FOXWD BOS	
BATON ROUGE(BTR)	TERPZ (RNAV)–DP MAULS Q40 NIOLA MCB	
BED, BVY, LWM	(JETS, RNAV 1–DME/DME/IRU OR GPS)DUKPN (RNAV)–DP BROSS Q419 DPK DREEM (RNAV)–STAR	
BIRMINGHAM(BHM)	(TURBOJETS)TERPZ (RNAV)–DP MAULS Q40 NIOLA DIODE	1100–0300

Terminals	Route	Effective Times (UTC)
BOCA RATON(BCT)	CONLE (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR or CONLE (RNAV)–DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)–STAR	
BOSTON(BOS)	(TURBOJETS: DME/DME/IRU OR GNSS REQUIRED)DUKPN (RNAV)–DP BROSS Q419 JFK ROBUC (RNAV)–STAR	
BRIDGEPORT(BDR)	DUKPN (RNAV)–DP DONIL MAEVE SARDI (RNAV)–STAR	
BUFFALO(BUF)	LINSE (RNAV)–DP JERES Q221 DLMAR BENEE	
BURLINGTON(BTV)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)DUKPN (RNAV)–DP BROSS Q419 RBV Q22 LLUND BIZEX CAM GRNMT	
CHATTANOOGA(CHA)	(TURBOJETS)TERPZ (RNAV)–DP MAULS Q40 ALEAN VXV	1100–0300
CHICAGO(MDW)	(TURBOJETS)FOXHL (RNAV)–DP RAMAY Q72 HACKS J149 FWA PANGG (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS)FOXHL (RNAV)–DP RAMAY Q72 HACKS J149 ROD WATSN (RNAV)–STAR	
CLEVELAND(BKL)	LINSE (RNAV)–DP JERES J211 JST UPPRR TRYBE (RNAV)–STAR	
CLEVELAND(CGF)	LINSE (RNAV)–DP JERES J211 JST UPPRR TRYBE (RNAV)–STAR	
CLEVELAND(CLE)	(TURBOJETS)LINSE (RNAV)–DP JERES J211 JST UPPRR TRYBE (RNAV)–STAR	
CMH, LCK, OSU, TZR	(JETS ONLY: RNAV 1–DME/DME/IRU OR GPS)FOXHL (RNAV)–DP RAMAY Q72 HACKS SCRLT (RNAV)–STAR	
COLORADO SPRINGS(COS)	FOXHL (RNAV)–DP OTTTO Q176 STL J24 MCI J80 GLD OZZZY (RNAV)–STAR	
COLUMBIA(CAE)	TERPZ (RNAV)–DP RRSIN GSO	
COLUMBUS(LCK)	FOXHL (RNAV)–DP RAMAY Q72 HACKS SCRLT (RNAV)–STAR	
COLUMBUS(OSU)	FOXHL (RNAV)–DP RAMAY Q72 HACKS SCRLT (RNAV)–STAR	
CVG, HAO, LUK I69	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)FOXHL (RNAV)–DP OTTTO COLNS GAVNN (RNAV)–STAR	
CVG, HAO, LUK I69	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)FOXHL (RNAV)–DP OTTTO COLNS GAVNN (RNAV)–STAR	
DALLAS(DAL)	FOXHL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR DIRRK HIBIL (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW SOUTH FLOW)FOXHL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (DFW NORTH FLOW)FOXHL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
DAYTON(DAY)	(TURBOJETS)FOXHL (RNAV)–DP RAMAY Q72 HACKS APE DANEI–STAR	1100–0300
DAYTONA BEACH(DAB)	CONLE (RNAV)–DP SCOOB MOXXY Q85 LPERD TTHOR (RNAV)–STAR	
DENVER(DEN)	FOXHL (RNAV)–DP OTTTO Q176 STL J24 OATHE CLASH (RNAV)–STAR	
DES MOINES(DSM)	LINSE (RNAV)–DP MCRAY Q178 DJB CPONE JOT J60 IOW J10 DSM	
DETROIT SATS(DET,ARB,PTK,YIP,CYQG)	(TURBOJETS: DME/DME/IRU OR GPS REQUIRED)LINSE (RNAV)–DP MCRAY Q178 KOZAR FOREY (RNAV)–STAR	
DETROIT(DTW)	(DTW SOUTH FLOW)LINSE (RNAV)–DP MCRAY Q178 KOZAR BONZZ (RNAV)–STAR or (DTW NORTH FLOW)LINSE (RNAV)–DP MCRAY Q178 KOZAR KLYNK (RNAV)–STAR	
DXR, HPN	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)DUKPN (RNAV)–DP DONIL MAEVE EEGOR (RNAV)–STAR.	
EAST HAMPTON(JPX)	DUKPN (RNAV)–DP DONIL MAEVE SARDI (RNAV)–STAR	
ELMIRA/CORNING(ELM)	LINSE (RNAV)–DP JERES Q227 STUBN	
FA54,LAL,PGD,SRQ,VNC	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)TERPZ (RNAV)–DP RRSIN GSO Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
FARMINGDALE(FRG)	DUKPN (RNAV)–DP DONIL MAEVE SARDI (RNAV)–STAR	
FORT LAUDERDALE(FXE)	CONLE (RNAV)–DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)–STAR	
	or	
	CONLE (RNAV)–DP SCOOB EARZZ CHIEZ Y291 MAJIK WAMBI CPTAN (RNAV)–STAR	
FORT MYERS(RSW)	TERPZ (RNAV)–DP RRSIN GSO Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
GRAND RAPIDS(GRR)	LINSE (RNAV)–DP MCRAY Q178 DJB J34 ALPHE	
GREEN BAY(GRB)	LINSE (RNAV)–DP MCRAY Q178 DJB	
GREENSBORO(GSO)	TERPZ (RNAV)–DP GLANC AIROW HENBY (RNAV)–STAR	
GREENVILLE(GMU)	TERPZ (RNAV)–DP GLANC FUBLL JUNNR (RNAV)–STAR	
GREER(GSP)	TERPZ (RNAV)–DP GLANC FUBLL JUNNR (RNAV)–STAR	
GROTON (NEW LONDON)(GON)	DUKPN (RNAV)–DP DONIL MAEVE SARDI (RNAV)–STAR	
HARTFORD(HFD)	DUKPN (RNAV)–DP BROSS Q419 DPK MAD T303 HFD	
HOUSTON(HOU)	(TURBOJETS)TERPZ (RNAV)–DP MAULS Q40 AEX WAPPL (RNAV)–STAR	1100–0300
HOUSTON(IAH)	(TURBOJETS)(IAH WEST FLOW)TERPZ (RNAV)–DP MAULS Q40 AEX DOOBI (RNAV)–STAR	1100–0300
	or	
	(TURBOJETS)(IAH EAST FLOW)TERPZ (RNAV)–DP MAULS Q40 AEX SKNRD (RNAV)–STAR	1100–0300
HUNTSVILLE(HSV)	TERPZ (RNAV)–DP MAULS Q40 ALEAN VXV RQZ	
HYANNIS(HYA)	DUKPN (RNAV)–DP BROSS Q419 RBV Q430 FLAPE MVY	
INDIANAPOLIS(IND)	(TURBOJETS)FOXHL (RNAV)–DP RAMAY Q72 HACKS PLASH SNKPT (RNAV)–STAR	
ITHACA(ITH)	LINSE (RNAV)–DP JERES Q227 STUBN	
JACKSON(JAN)	TERPZ (RNAV)–DP MAULS Q40 NIOLA VLKNN MERDN	
KANSAS CITY(MCI)	(RNAV TURBOJET/TURBOPROP)FOXHL (RNAV)–DP OTTTO Q176 STL EUING RUDDH (RNAV)–STAR	
KEY WEST(EYW)	(WATER)CONLE (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 BAHAA AR17 HIBAC EBAYY FNTSY (RNAV)–STAR	
	or	
	CONLE (RNAV)–DP SCOOB PAACK Q97 EBAYY FNTSY (RNAV)–STAR	
KNOXVILLE(TYS)	(TURBOJETS)TERPZ (RNAV)–DP MAULS Q40 ALEAN VXV	1100–0300
LANSING(LAN)	LINSE (RNAV)–DP MCRAY Q178 DJB J34 CRL	
LAS VEGAS(LAS)	FOXHL (RNAV)–DP OTTTO Q176 BUM J110 RSK J64 TBC SQIRE RKSTR (RNAV)–STAR	
LEXINGTON(LEX)	FOXHL (RNAV)–DP OTTTO Q176 HNN	
LITTLE ROCK(LIT)	FOXHL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR	
LOS ANGELES(LAX)	FOXHL (RNAV)–DP OTTTO Q176 CIM J96 DRK J231 HIPPI GABBL HLYWD (RNAV)–STAR	
LOUISVILLE(SDF)	FOXHL (RNAV)–DP OTTTO Q68 YOCKY LEDDL (RNAV)–STAR	
MACON(MCN)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)TERPZ (RNAV)–DP GLANC COLZI	
MADISON(MSN)	LINSE (RNAV)–DP MCRAY Q178 DJB J34 BAE	
MANCHESTER(MHT)	(TURBOJETS)DUKPN (RNAV)–DP BROSS Q419 RBV Q22 LLUND SMYTH ROZZE (RNAV)–STAR	
MEMPHIS(MEM)	(TURBOJETS)FOXHL (RNAV)–DP OTTTO Q80 FAREV RAMRD BLUZZ (RNAV)–STAR	
MIAMI(OPF)	CONLE (RNAV)–DP SCOOB PAACK Q97 PRMUS CUUDA (RNAV)–STAR	
	or	
	CONLE (RNAV)–DP SCOOB EARZZ CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
MIAMI(TMB)	CONLE (RNAV)–DP SCOOB PAACK Q97 DEBRL CSTAL (RNAV)–STAR	
	or	
	(WATER)CONLE (RNAV)–DP SCOOB EARZZ SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
MILWAUKEE(MKE)	(TURBOJETS)LINSE (RNAV)–DP MCRAY Q178 DJB J34 CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)LINSE (RNAV)–DP MCRAY Q178 DJB J34 VIO KAMMA KKILR (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
MOBILE(MOB)	TERPZ (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY SJI	
MONTGOMERY(MGM)	TERPZ (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY	
MONTREAL(CYUL)	(TURBOJETS)DUKPN (RNAV)–DP BROSS Q419 RBV Q22 LLUND BIZEX Q133 PBERG CARTER (CANADIAN) (RNAV)–STAR	
MSY,NEW,NBG	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS)TERPZ (RNAV)–DP MAULS Q40 NIOLA MERDN TRSSH (RNAV)–STAR	
NANTUCKET(ACK)	(TURBOJETS)DUKPN (RNAV)–DP BROSS Q419 RBV Q430 KYSKY DEEPO (RNAV)–STAR	
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)FOXHL (RNAV)–DP OTTTO Q80 DEWAK CUTRR PASLY (RNAV)–STAR	
NEW HAVEN(HVN)	DUKPN (RNAV)–DP DONIL MAEVE SARDI (RNAV)–STAR	
NEW YORK(ISP)	DUKPN (RNAV)–DP DONIL MAEVE SARDI (RNAV)–STAR	
NEW YORK(SWF)	(RNAV 1 – DME/DME/IRU OR GPS)DUKPN (RNAV)–DP BROSS Q419 DPK TRESA (RNAV)–STAR	
NEWARK(EWR)	(GPS OR DME/DME–IRU EQUIPPED)DUKPN (RNAV)–DP SWANN PHLBO (RNAV)–STAR	1100–0300
NIAGARA FALLS(IAG)	LINSE (RNAV)–DP JERES Q221 DLMAR WOZEE	
OGDENSBURG(OGS)	LINSE (RNAV)–DP JERES Q227 STUBN SYR ART	
OKLAHOMA CITY(OKC)	FOXHL (RNAV)–DP OTTTO Q68 HVQ J78 FAM SGF DRLER MURAH (RNAV)–STAR	
OMAHA(OMA)	FOXHL (RNAV)–DP RAMAY Q72 HACKS J149 EMPTY J80 SPI IRK LMN MARWI–STAR	
ORLANDO(ISM)	CONLE (RNAV)–DP SCOOB MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
ORLANDO(ORL)	CONLE (RNAV)–DP SCOOB MOXXY Q85 LPERD TTHOR (RNAV)–STAR	
ORLANDO(SFB)	CONLE (RNAV)–DP SCOOB MOXXY Q85 LPERD TTHOR (RNAV)–STAR	
OTTAWA(CYOW)	LINSE (RNAV)–DP JERES Q227 STUBN SYR ART DEANS (CANADIAN) (RNAV)–STAR	
OXFORD(OXC)	DUKPN (RNAV)–DP DONIL MAEVE SARDI (RNAV)–STAR	
PANAMA CITY(ECP)	TERPZ (RNAV)–DP GLANC COLZI Q52 CHOPZ THRSR RSVLT EUF RRS	
PHOENIX(PHX)	FOXHL (RNAV)–DP OTTTO Q176 TOTOE FTI BUKKO ZUN EAGUL (RNAV)–STAR	
PITTSBURGH(PIT)	(TURBOJETS)LINSE (RNAV)–DP MCRAY Q178 LEJOY DEMME (RNAV)–STAR	
PORTLAND(PDX)	(JETS: RNAV 1 – DME/DME/IRU OR GPS)LINSE (RNAV)–DP MCRAY Q178 DJB J34 BIL PDT JKNOX HHOOD (RNAV)–STAR	
PORTLAND(PWM)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)DUKPN (RNAV)–DP BROSS Q419 RBV Q22 LLUND EEGOR SCOGS (RNAV)–STAR	
PORTSMOUTH(PSM)	(TURBOJETS)DUKPN (RNAV)–DP BROSS Q419 RBV Q22 FOXWD KLANE TTERI REMDG	
POUGHKEEPSIE(POU)	(RNAV 1 – DME/DME/IRU OR GPS)DUKPN (RNAV)–DP BROSS Q419 DPK TRESA (RNAV)–STAR	
PROVIDENCE(PVD)	(TURBOJETS)DUKPN (RNAV)–DP BROSS Q419 RBV Q430 CREEL ORCHA JORDN JORDN (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	(AOB FL260)TERPZ (RNAV)–DP MELTN ALDAN (RNAV)–STAR	
ROCHESTER(ROC)	(TURBOJETS)LINSE (RNAV)–DP JERES Q227 STUBN GIBBE	1100–0300
SACRAMENTO(SMF)	FOXHL (RNAV)–DP OTTTO Q176 BUM J110 ALS DVC ILC CRASY SLMMR (RNAV)–STAR	
SALT LAKE CITY(SLC)	FOXHL (RNAV)–DP OTTTO Q176 STL J24 MCI J80 FQF J116 EKR RACER JAZZZ (RNAV)–STAR	
SAN ANTONIO(SAT)	TERPZ (RNAV)–DP MAULS Q40 AEX CAAGE QERVO (RNAV)–STAR	
SAN DIEGO(SAN)	FOXHL (RNAV)–DP OTTTO Q176 CIM J96 PKE LUCKI (RNAV)–STAR	
SAN FRANCISCO(SFO)	FOXHL (RNAV)–DP OTTTO Q176 STL J110 GCK J28 MLF J80 OAL INYOE DYAMD (RNAV)–STAR	
SAN JOSE(SJC)	FOXHL (RNAV)–DP OTTTO Q176 STL J110 GCK J28 MLF J80 ILC KNGRY RAZRR (RNAV)–STAR	
SARANAC LAKE(SLK)	LINSE (RNAV)–DP JERES Q227 STENT CFB LAMMS	

Terminals	Route	Effective Times (UTC)
SEATTLE(SEA)	LINSE (RNAV)–DP MCRAY Q178 DJB J34 RWF J90 MLS LWT MLP GLASR–STAR	
SPARTANBURG(SPA)	TERPZ (RNAV)–DP GLANC FUBLL JUNNR (RNAV)–STAR	
SPRINGFIELD/CHICOPEE(CEF)	DUKPN (RNAV)–DP BROSS Q419 DPK DEER PARK–STAR	
ST LOUIS(STL)	(TURBOJETS)FOXHL (RNAV)–DP OTTTO Q176 BICKS PXV BOOSH (RNAV)–STAR	
SYRACUSE(SYR)	(TURBOJET)LINSE (RNAV)–DP JERES Q227 STENT CFB T335 CORTA	
TALLAHASSEE(TLH)	TERPZ (RNAV)–DP GLANC COLZI IRQ PZD SZW	
TAMPA(TPA)	TERPZ (RNAV)–DP RRSIN GSO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
TOLEDO(TOL)	LINSE (RNAV)–DP JERES J211 JST EWC	
TORONTO(CYYZ)	LINSE (RNAV)–DP JERES Q221 DLMAR WOZEE LINNG (CANADIAN) (RNAV)–STAR	
TRAVERSE CITY(TVC)	LINSE (RNAV)–DP MCRAY Q178 DJB	
TULSA(TUL)	FOXHL (RNAV)–DP OTTTO Q68 HVQ J78 FAM J98 SGF VINTA–STAR	
VALPARAISO/DESTIN–FT WALTON BEACH(VPS)	TERPZ (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY CEW	
VINEYARD HAVEN(MVY)	DUKPN (RNAV)–DP BROSS Q419 RBV Q430 FLAPE	
WESTFIELD/SPRINGFIELD(BAF)	DUKPN (RNAV)–DP BROSS Q419 DPK DEER PARK–STAR	
WESTHAMPTON BEACH(FOK)	DUKPN (RNAV)–DP DONIL MAEVE SARDI (RNAV)–STAR	
WHITE PLAINS(HPN)	(AT OR ABOVE FL180; TURBOJETS)DUKPN (RNAV)–DP BROSS Q419 NACYN CYN BOUNO–STAR	1100–0300
WICHITA(ICT)	FOXHL (RNAV)–DP OTTTO Q176 BUM CASSO	
WILKES–BARRE/SCRANTON(AVP)	LINSE (RNAV)–DP JERES Q221 MICAH SEG T212 LVZ	
WILMINGTON(ILM)	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS)CONLE (RNAV)–DP SCOOB PAACK CHVIS BEULA	
WINDSOR LOCKS(BDL)	(TURBOJETS)DUKPN (RNAV)–DP BROSS Q419 DPK DEER PARK–STAR	1100–0300
WINSTON SALEM(INT)	TERPZ (RNAV)–DP GLANC AIROW HENBY (RNAV)–STAR	
BANGOR(BGR)		
05C, IGQ, 3HO, GYY, MDW	(RNAV 1–DME/DME/IRU OR GPS)GONZZ Q29 DORET DJB ASHEN PANGG (RNAV)–STAR	
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)BEEKN Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	BEEKN Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)BEEKN Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	BEEKN Q97 DEBRL CSTAL (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	KAYCC KYLOH NELIE Q75 GSO Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	
APF, FMY, MKY, RSW	(JETS , TURBOPROPS ONLY RNAV 1–DME/DME/IRU OR GPS)(WATER)BEEKN Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)–STAR or (JETS , TURBOPROPS ONLY RNAV 1–DME/DME/IRU OR GPS)KAYCC KYLOH NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)KAYCC KYLOH NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHARLOTTESVILLE(CHO)	KAYCC KYLOH NELIE BIZEX Q75 GVE	1100–0300
CHICAGO(ORD)	GONZZ Q822 FNT WYNDE (RNAV)–STAR	1100–0400
COVINGTON(CVG)	(DME/DME/IRU OR GPS REQUIRED)GONZZ JOSSY MAULL KODIE SAVVI TIGRR (RNAV)–STAR	1100–0300
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)GONZZ DONEO CUUGR (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)GONZZ DONEO TPGUN (RNAV)–STAR	1100–0300 1100–0300
FA54, LAL, PGD, SRQ, VNC	(JETS , TURBOPROPS ONLY RNAV 1–DME/DME/IRU OR GPS)KAYCC KYLOH NELIE Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)BEEKN Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)BEEKN Q97 PRMUS CUUDA (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)BEEKN Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
JVY, LOU, SDF	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
NEW YORK(LGA)	(RNAV 1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)ALB VADDR (RNAV)–STAR	
NEWARK(EWR)	HANAA FLOSI (RNAV)–STAR	
PHILADELPHIA(PHL)	BEEKN Q439 BRIGS JIIMS (RNAV)–STAR	1100–0400
ST PETERSBURG–CLEARWATER(PIE)	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
WASHINGTON(DCA)	KAYCC KYLOH NELIE Q75 MXE CLIPR (RNAV)–STAR	1100–0300
	or	
	BEEKN Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	1100–0400
BAR HARBOR(BHB)		
HPN, DXR	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)RIVVR VALRE (RNAV)–STAR	
BEDFORD(BED)		
05C, IGQ, 3HO, GYY, MDW	(RNAV 1–DME/DME/IRU OR GPS)HYLND CAM Q822 GONZZ Q29 DORET DJB ASHEN PANGG (RNAV)–STAR	
06FA,BCT,F45,DJT	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)(WATER)PUT CCC Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE, DJT, PMP	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)PUT CCC Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)PUT ORW CCC Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)PUT ORW CCC Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
	or	
	PUT ORW CCC Q97 DEBRL CSTAL (RNAV)–STAR	
ASE, RIL	(RNAV 1– DME/DME/IRU OR GPS)HYLND HANAA Q816 HOCKE BAE DBQ DSM LNK DORPH MMARY (RNAV)–STAR	
AUSTIN(AUS)	(JETS TURBOPROPS, RNAV 1 – DME/DME/IRU OR GPS)REVSS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	
BIRMINGHAM(BHM)	REVSS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA DIODE	
BWI,MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)PUT CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)REVSS NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)REVSS NELIE Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)PUT ORW CCC Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)PUT ORW CCC Q97 PRMUS CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	REVSS NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	1100–0300
ILG,MQS,PHL,PNE,TTN	PUT CCC MANTA Q439 BRIGS JIIMS (RNAV)–STAR.	
ISM,LEE,MCO,ORL,SFB	(JETS, TURBOPROPS: RNAV 1–DME/DME/IRU OR GPS)(WATER)PUT ORW CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)PUT ORW CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
LAS VEGAS(LAS)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)REVSS BAF Q480 AIR J80 VHP J110 RSK J64 TBC SQIRE RKSTR (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)PUT ORW CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
PHILADELPHIA(PNE)	PUT CCC MANTA T438 ARD	
TAMPA(TPA)	REVSS NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
WASHINGTON(DCA)	PUT CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	1100–0300
BOSTON(BOS)		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR or (DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 JENKS HOAGG BNFSH (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR or SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 DEBRL CSTAL (RNAV)–STAR	
1G3, AKR, CAK	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)REVSS (RNAV)–DP REVSS CTR HNK J49 PSB SOORD ZZIPS (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD TTHOR (RNAV)–STAR	1100–0400
APF, FMY, MKY, RSW	(JETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)–DP PATSS NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
ASE, RIL	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE BAE DBQ DSM LNK DORPH MMARY (RNAV)–STAR	
ATLANTA(ATL)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	1100–0300
AUGUSTA(AGS)	(JETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)–DP PATSS NELIE Q75 GSO STWRT–STAR	
AUSTIN(AUS)	BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	
BELMAR/FARMINGDALE(BLM)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)SSOXS (RNAV)–DP SSOXS Q167 RIFLE Q439 MANTA T438 DIXIE	
BIRMINGHAM(BHM)	BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 NIOLA DIODE	
BUFFALO(BUF)	HYLND (RNAV)–DP HYLND SYR ROC EHMAN	1100–0400
BWI,MTN	PATSS (RNAV)–DP PATSS NELIE Q75 MXE NUGGY TRISH (RNAV)–STAR	1100–0300
CAMP SPRINGS(ADW)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)SSOXS (RNAV)–DP SSOXS Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)PATSS (RNAV)–DP PATSS NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
CHICAGO(MDW)	(JETS ONLY: RNAV 1–DME/DME/IRU OR GPS)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ Q29 JHW DJB ASHEN PANGG (RNAV)–STAR	1100–0300
CHICAGO(ORD)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)–DP HYLND CAM Q822 FNT WYNDE (RNAV)–STAR	1100–0300
CHICAGO/ROCKFORD(RFD)	HYLND (RNAV)–DP HYLND CAM Q822 FNT WEBOR HIGUH EMMAS (RNAV)–STAR	
CHS,JZI	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 SAWED DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	1100–0300
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(AOA FL240; JETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)–DP BLZZR BAF HYPER (RNAV)–STAR or (AOB FL220; NON–JET AIRCRAFT: RNAV 1 – DME/DME/IRU OR GPS)BLZZR BAF SAGES LAAYK MIP SEG PRTZL (RNAV)–STAR	
CLEVELAND(BKL)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ Q29 JHW ERI CLERI	
CLEVELAND(CGF)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ HANKK THOME TRYBE (RNAV)–STAR	
CLEVELAND(CLE)	(RNAV TURBOJET)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ HANKK THOME TRYBE (RNAV)–STAR	1100–0300
CMH, LCK, OSU, TZR	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)BLZZR (RNAV)–DP BLZZR BAF Q480 AIR CLPRR (RNAV)–STAR	
COLUMBIA(CAE)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)PATSS (RNAV)–DP PATSS NELIE Q75 GSO	
COVINGTON(CVG)	(DME/DME/IRU OR GPS REQUIRED)REVSS (RNAV)–DP REVSS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	1100–0300
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)SSOXS (RNAV)–DP SSOXS Q167 TBONN OUTLA (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW SOUTH FLOW)BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (DFW NORTH FLOW)BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
DAYTON(DAY)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)–DP BLZZR BAF Q480 AIR APE DANEI–STAR	1100–0300
DENVER(DEN)	HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)–STAR	
DET, ONZ, TTF	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(TURBOJETS ONLY: DME/DME/IRU OR GNSS REQUIRED)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ COLTS OKLND (RNAV)–STAR	1100–0300
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ DONEO CUUGR (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ DONEO TPGUN (RNAV)–STAR	1100–0300 1100–0300
FA54, LAL, PGD, SRQ, VNC	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)PATSS (RNAV)–DP PATSS NELIE Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)PATSS (RNAV)–DP PATSS NELIE Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
FLL,OPF	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 PRMUS CUUDA (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	PATSS (RNAV)–DP PATSS NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	1100–0300
GREENSBORO(GSO)	PATSS (RNAV)–DP PATSS NELIE Q75 GVE AIROW HENBY (RNAV)–STAR	
HOUSTON(HOU)	(TURBOJETS)BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR.	1100–0300
HOUSTON(IAH)	(TURBOJETS)(IAH EAST FLOW)BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR or (TURBOJETS)(IAH WEST FLOW)BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	1100–0300 1100–0300
HPN, DXR	(FL180–FL220 INCL; RNAV 1 – DME/DME/IRU OR GPS, 250 KTS OR GREATER)PATSS (RNAV)–DP PATSS NELIE VALRE (RNAV)–STAR	
ILG,MQS,PHL,PNE,TTN	SSOXS (RNAV)–DP SSOXS Q167 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	1100–0300
INDIANAPOLIS(IND)	BLZZR (RNAV)–DP BLZZR BAF Q480 AIR RINTE SNKPT (RNAV)–STAR	1100–0300
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
JACKSONVILLE(JAX)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 SAWED GUILD Q409 SESUE ESENT LUNNI (RNAV)–STAR	1100–0300
KANSAS CITY(MCI)	(RNAV TURBOJET/TURBOPROP)BLZZR (RNAV)–DP BLZZR BAF Q480 AIR SPI EUING RUDDH (RNAV)–STAR	
KEY WEST(EYW)	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 EBAYY FNTSY (RNAV)–STAR or (WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA AR17 HIBAC EBAYY FNTSY (RNAV)–STAR	
LAS VEGAS(LAS)	HYLND (RNAV)–DP HYLND CAM Q822 GONZZ Q29 KLYNE FYLLS J110 RSK J64 TBC SQIRE RKSTR (RNAV)–STAR	1100–0300
LOS ANGELES(LAX)	HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GRB ODI FSD J114 DVV J60 HVE PROMT Q88 HAKMN ANJLL (RNAV)–STAR	1100–0400
LOUISVILLE(SDF)	BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
MCF,PIE,TPA,VDF	(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 BAHAA HIBAC DADES (RNAV)–STAR	
MEMPHIS(MEM)	BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	1100–0300
MILWAUKEE(MKE)	HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GETCH LYSTR SUDDS	1100–0300
MINNEAPOLIS(MSP)	(TURBOJETS)HYLND (RNAV)–DP HYLND HANAA Q816 KELTI Q812 ZOHAN IDIOM MUSCL (RNAV)–STAR	1000–0300
MONTREAL(CYHU)	HYLND (RNAV)–DP HYLND BEEHS PLUMS OWLHD VOGIV KEBGO VOBOK	
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)HYLND (RNAV)–DP HYLND PBERG CARTER (CANADIAN) (RNAV)–STAR	
MSY,NEW,NBG	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS)BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	
MYRTLE BEACH(MYR)	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 PAACK WYLMS	
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	
NASSAU(MYNN)	(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 WEAKK CARPX Y307 HANKX.	
NEW YORK(ISP)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXS (RNAV)–DP SSOXS BUZRD SEY ORCHA CCC	1100–0300
NEW YORK(JFK)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXS (RNAV)–DP SSOXS BUZRD SEY PARCH (RNAV)–STAR	1100–0300
NEW YORK(LGA)	(FL180 – FL220 INCL.; RNAV 1/DME/DME/IRU OR GPS, 250 KTS OR GREATER)PATSS (RNAV)–DP PATSS NELIE VADDR (RNAV)–STAR	
NEWARK(EWR)	(FL180–FL220; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)–DP PATSS NELIE FLOSI (RNAV)–STAR	1100–0300
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
OTTAWA(CYOW)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)–DP HYLND BUGSY DEANS (CANADIAN) (RNAV)–STAR	1100–0300
PHOENIX(PHX)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ Q29 KLYNE ROD VHP J110 BUM ICT TOTOE FTI BUKKO ZUN EAGUL (RNAV)–STAR	1100–0300
PITTSBURGH(AGC)	(JETS ONLY: DME/DME/IRU OR GPS REQUIRED)REVSS (RNAV)–DP REVSS CTR HNK J217 ETG HOMEE ..	
PITTSBURGH(PIT)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)REVSS (RNAV)–DP REVSS CTR HNK KONJE J190 SLT HAYNZ (RNAV)–STAR	1100–0300
PORTLAND(PDX)	(JETS: RNAV 1 – DME/DME/IRU OR GPS)HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GRB GEP DPR J16 PDT JKNOX HHOOD (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SSOXS (RNAV)–DP SSOXS Q167 ZJAAY TAQLE (RNAV)–STAR	
RICHMOND(RIC)	SSOXS (RNAV)–DP SSOXS Q167 ZJAAY ARICE JAMIE	
ROCHESTER(ROC)	HYLND (RNAV)–DP HYLND CAM SYR	
SALT LAKE CITY(SLC)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE BAE DBQ FOD ONL J94 BFF CKW CARTR (RNAV)–STAR	1100–0300
SAN DIEGO(SAN)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)–DP BLZZR BAF Q480 AIR J80 MCI J24 SLN J18 HOGGZ LUCKI (RNAV)–STAR	1100–0300
SAN FRANCISCO(SFO)	(TURBOJETS)HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GRB GEP ABR J32 LLC LEGGS BDEGA (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
SAN JUAN(TJSJ)	(WATER)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 SAUCR L453 CERDA FIPEK Y355 PLING RTE7 SAALR or (WATER)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y489 RESQU SKPPR L455 LENNT M423 PLING RTE7 SAALR	
SAVANNAH(SAV)	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 SAWED GUILD Q409 SESUE SOOOP	1100–0400
SEATTLE(SEA)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GRB GEP ABR J90 HLN J136 MLP GLASR–STAR	1100–0300
ST LOUIS(STL)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)–DP BLZZR BAF Q480 AIR J110 VHP AARCH (RNAV)–STAR	1100–0300
TAMPA(TPA)	PATSS (RNAV)–DP PATSS NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
TORONTO(CYYZ)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ WOZEE LINNG (CANADIAN) (RNAV)–STAR	1100–0300
WASHINGTON(DCA)	(TURBOJETS)SSOXS (RNAV)–DP SSOXS Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR or PATSS (RNAV)–DP PATSS NELIE Q75 MXE CLIPR (RNAV)–STAR	1100–0300 1100–0300
WILMINGTON(ILM)	(JETS – RNAV1 DME/DME/IRU OR GPS)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 PAACK CHVIS BEULA	
BRIDGEPORT(BDR)		
BWI, MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)BEADS EMJAY Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(JET & TURBOPROPS ONLY :RNAV 1 – DME/DME/IRU OR GPS)JUDDS RONGE PWL GANDE HYPER (RNAV)–STAR	
WASHINGTON(DCA)	BEADS EMJAY Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	1100–0300
BUFFALO(BUF)		
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)JHW HVQ LNDIZ PARQR (RNAV)–STAR	
COVINGTON(CVG)	(DME/DME/IRU OR GPS REQUIRED)JHW KODIE SAVVI TIGRR (RNAV)–STAR	
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)COLTS GIGGY (RNAV)–STAR	
FORT LAUDERDALE(FLL)	JHW RICCS Q103 SLOJO EFFAY Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	JHW RICCS Q103 CYNTA SHFTY (RNAV)–STAR	
FRG, JFK	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)GEE BEEPS MEMMS PUCKY (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)JHW RICCS Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
LGA, DXR, HRN	(RNAV1–DME/DME/IRU, PROP/TURBOPROP,250 KTS OR LESS)GEE AUDIL RAHKS NOBBI (RNAV)–STAR	
MIAMI(MIA)	JHW RICCS Q103 SLOJO EFFAY Q83 JEVED Q97 DEBRL CSTAL (RNAV)–STAR	
NEW YORK(LGA)	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)GEE AUDIL RAHKS VADDR (RNAV)–STAR	
NEWARK(EWR)	GEE BEEPS Q140 KODEY HNK FLOSI (RNAV)–STAR	1100–0300
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)JHW RICCS Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
PHILADELPHIA(PHL)	BFD PSB BOJID (RNAV)–STAR	
TAMPA(TPA)	JHW RICCS Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WEST PALM BEACH(DJT)	JHW RICCS Q103 SLOJO EFFAY Q83 JEVED Q97 KENLL CPTAN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
BURLINGTON(BTV)		
06FA,BCT,F45,DJT	(JETS)DENYU PONCT Q437 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	DENYU PONCT BIZEX Q75 GSO Q83 JEVED Q97 KENLL CPTAN (RNAV)–STAR	
ATLANTA(ATL)	(JETS)DENYU ALB ACOVE DBABE Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	
BALTIMORE(BWI)	DENYU PONCT BIZEX Q75 MXE V378 NUGGY TRISH (RNAV)–STAR	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)DENYU PONCT BIZEX Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHICAGO(ORD)	(JETS: DME/DME/IRU OR GNSS REQUIRED)DENYU ALVID DEDKI HOCKE FNT WYNDE (RNAV)–STAR.	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(AOA FL240; JET & TURBOPROP ACFT:RNAV 1 – DME/DME/IRU OR GPS)DENYU ALB HYPER (RNAV)–STAR or (AOB FL220; NON–JET AIRCRAFT: RNAV 1 – DME/DME/IRU OR GPS)DENYU ALB HNK LYKOM PRTZL (RNAV)–STAR	
COVINGTON(CVG)	(DME/DME/IRU OR GPS REQUIRED)DENYU GONZZ JOSSY MAULL KODIE SAVVI TIGRR (RNAV)–STAR	
DENVER(DEN)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)GOATR Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)–STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)DENYU GONZZ DONEO TPGUN (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)DENYU GONZZ DONEO CUUGR (RNAV)–STAR	
FORT MYERS(RSW)	DENYU PONCT BIZEX Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)DENYU ALB PONCT BIZEX Q75 GSO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
JFK, FRG	(RNAV 1 – DME/DME/IRU, OR GPS 250KTS OR GREATER)DENYU PONCT PUCKY (RNAV)–STAR	
NEW YORK(LGA)	(RNAV 1 – DME/DME/IRU, OR GPS)DENYU ALB VADDR (RNAV)–STAR	
NEWARK(EWR)	(RNAV ONLY)DENYU HANAA FLOSI (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)DENYU PONCT BIZEX Q75 GSO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
PHILADELPHIA(PHL)	(JETS)DENYU ALB DNY SLATT–STAR	
PITTSBURGH(PIT)	DENYU ALB HNK KONJE SLT HAYNZ (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	DENYU PONCT BIZEX Q75 GVE MELTN ALDAN (RNAV)–STAR	
TAMPA(TPA)	DENYU PONCT BIZEX Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WASHINGTON(DCA)	DENYU PONCT BIZEX Q75 MXE CLIPR (RNAV)–STAR	
BWI, DMW, ESN, FDK, GAI, MTN		
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)TERPZ (RNAV)–DP GLANC AIROW CHSLY (RNAV)–STAR.	
BWI,DMW,ESN,FDK,GAI,MTN		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)CONLE (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	(TURBOJETS)CONLE (RNAV)–DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)CONLE (RNAV)–DP SCOOB PAACK Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(TURBOJETS)CONLE (RNAV)–DP SCOOB PAACK Q97 DEBRL CSTAL (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)CONLE (RNAV)–DP SCOOB EARZZ SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
CHS,JZI	(TURBOJETS)CONLE (RNAV)–DP SCOOB DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)CONLE (RNAV)–DP SCOOB EARZZ CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)CONLE (RNAV)–DP SCOOB PAACK Q97 PRMUS CUUDA (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)CONLE (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)CONLE (RNAV)–DP SCOOB MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
JACKSONVILLE(JAX)	(TURBOJETS)CONLE (RNAV)–DP SCOOB GUILD Q409 SESUE ESENT LUNNI (RNAV)–STAR	
MYRTLE BEACH(MYR)	CONLE (RNAV)–DP SCOOB PAACK WYLMS	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)CONLE (RNAV)–DP SCOOB MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	(AOB FL 220; JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)CONLE (RNAV)–DP COLIN TAPPA HOUKY TAQLE (RNAV)–STAR	
SAVANNAH(SAV)	(TURBOJETS)CONLE (RNAV)–DP SCOOB GUILD Q409 SESUE SOOOP	
CALDWELL(CDW)		
PORTSMOUTH(PSM)	(170 AND ABOVE)BREZY V39 CMK MERIT HFD FOXWD KLANE TTERI REMDG	
CDW, MMU TEB		
APF, FMY, MKY, RSW	(RNAV 1 – DME/DME/IRU OR GPS)LANNA J48 MOL FLASK GOWBE BURGG IRQ CYNTA SHFTY (RNAV)–STAR	
CDW, MMU, TEB		
BUFFALO(BUF)	NEION Q232 STUBN BENEE	
CHARLESTON(CRW)	PARKE J6 HVQ	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(JET & TURBOPROPS ONLY :RNAV 1 – DME/DME/IRU OR GPS)PARKE HYPER (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(JETS ONLY RNAV 1–DME/DME/IRU OR GPS)(DFW SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (JETS ONLY RNAV 1–DME/DME/IRU OR GPS)(DFW NORTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
DETROIT(DTW)	(RNAV 1–DME/DME/IRU OR GPS)(DTW NORTH FLOW)GAYEL J95 CFB TRAAD JACCI WNGNT (RNAV)–STAR or (RNAV 1–DME/DME/IRU OR GPS)(DTW SOUTH FLOW)GAYEL J95 CFB TRAAD JACCI FERRL (RNAV)–STAR	
HOT SPRINGS(HSP)	LANNA J48 EMI CSN V140 MOL	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)ELVAE COL WHITE Q409 CRPLR Q85 LPERD SNFLD (RNAV)–STAR	
LEWISBURG(LWB)	LANNA J48 EMI CSN V140 MOL	
LEXINGTON(LEX)	PARKE J6 HVQ	
MILWAUKEE(MKE)	NEWEL J60 DJB CRL PEGEE GETCH LYSTR SUDDS	

Terminals	Route	Effective Times (UTC)
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)ELVAE COL WHITE Q409 CRPLR Q85 LPERD GTOUT (RNAV)–STAR	
PHOENIX(PHX)	(JETS ONLY RNAV 1–DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 AIR J110 STL BUM ICT TOTOE FTI BUKKO ZUN EAGUL (RNAV)–STAR	
PITTSBURGH(AGC)	ZIMMZ Q42 MIKYG Q480 VINSE LEJOY NESTO	
PITTSBURGH(PIT)	(RNAV 1 – DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)–STAR	
ROANOKE(ROA)	LANNA J48 MOL	
ROCHESTER(ROC)	NEION Q232 STUBN GIBBE	
SALT LAKE CITY(SLC)	(JETS ONLY, RNAV 1 GPS)GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ FOD ONL J94 BFF CKW CARTR (RNAV)–STAR	
ST LOUIS(STL)	(JETS ONLY RNAV 1–DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 AIR J80 VHP AARCH (RNAV)–STAR	
SYRACUSE(SYR)	NEION Q232 CORDS CFB T335 CORTA	
TOLEDO(TOL)	NEWEL J60 DJB	
TORONTO(CYYZ)	(RNAV 1–DME/DME/IRU OR GNSS)GAYEL Q818 WOZEE LINNG (CANADIAN) (RNAV)–STAR	
DAY, MGY, MWO, SGF	ZIMMZ Q42 MIKYG Q480 AIR APE DANEI–STAR	
JVY, LOU, SDF	(JETS ONLY RNAV 1–DME/DME/IRU OR GPS)PARKE J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
1G3, AKR, CAK	(RNAV 1–DME/DME/IRU OR GPS)NEWEL J60 PSB SOORD ZZIPS (RNAV)–STAR	
CMH, LCK, OSU, TZR	(RNAV 1–DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 AIR CLPRR (RNAV)–STAR	
JVY, LOU, SDF	PARKE J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
CHARLOTTESVILLE(CHO)		
47N, CDW, LDJ, MMU, SMQ, TEB	GVE JAIKE (RNAV)–STAR	
ATLANTA(ATL)	MOL FLASK OZZZI (RNAV)–STAR	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)AIROW CHSLY (RNAV)–STAR	
CHICAGO(ORD)	EKN GEFFS J149 ROD WATSN (RNAV)–STAR	
MQS,PHL,PNE,TTN	GVE ROOKY SVILL TAPPA LUCYL HYTRA PAATS (RNAV)–STAR	
NEW YORK(LGA)	GVE PROUD (RNAV)–STAR	
DAA, DCA, IAD, JYO, MRB, OKV		
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)SCRAM (RNAV)–DP GLANC AIROW CHSLY (RNAV)–STAR. or (AOB FL320; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)SCRAM (RNAV)–DP GLANC AIROW CHSLY (RNAV)–STAR	
DCA,DAA,IAD,JYO,MRB,OKV		
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)JDUBB (RNAV)–DP RRSIN GSO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
MYRTLE BEACH(MYR)	JDUBB (RNAV)–DP MELTN SBV RDU	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)JDUBB (RNAV)–DP RRSIN GSO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
FARMINGDALE(FRG)		
WILMINGTON(ILM)	WAVEY EMJAY Q167 KALDA Q97 PAACK CHVIS BEULA	
HARRISBURG(MDT)		
CHICAGO(ORD)	(ADVANCED RNAV)HAR V33 MCMAN Q62 WATSN WATSN (RNAV)–STAR	
CVG, HAO, LUK I69	(RNAV 1 – DME/DME/IRU OR GPS)MRB J6 COLNS GAVNN (RNAV)–STAR	
HYANNIS(HYA)		
05C, IGQ, 3HO, GYY, MDW	(RNAV 1–DME/DME/IRU OR GPS)LFV CELTS MANCH CAM Q822 GONZZ Q29 DORET DJB ASHEN PANGG (RNAV)–STAR	
06FA,BCT,F45,DJT	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)(WATER)BUZRD Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
06FA,BCT,FXE, DJT, PMP	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)BUZRD Q167 RIFLE HEADI Q97 KENLL CPTAN (RNAV)–STAR	
BWI,MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)BUZRD Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)LFV CELTS NELIE Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FORT MYERS(RSW)	LFV CELTS NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	1100–0300
TAMPA(TPA)	LFV CELTS NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
WASHINGTON(DCA)	BUZRD Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	1100–0300
ITHACA(ITH)		
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GPS REQUIRED)COLTS OKLND (RNAV)–STAR	
LYNCHBURG(LYH)		
CHARLOTTE(CLT)	(AOB FL220; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)AIROW CHSLY (RNAV)–STAR	
MANCHESTER(MHT)		
AFW,GKY, 50F,CPT LUD,DTO,FTW,NFW FWS,GPM,WEA	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)PPORT (RNAV)–DP BAF Q406 BWZ J6 HVQ Q68 LITTR PONYY TRUUK (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)PPORT (RNAV)–DP CCC Q97 KENLL TARPN (RNAV)–STAR	
APF, FMY, MKY, RSW	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)PPORT (RNAV)–DP NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR or (JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)(WATER)PPORT (RNAV)–DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)–STAR	
ATLANTA(ATL)	(RNAV ONLY)PPORT (RNAV)–DP BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	
BWI,MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)PPORT (RNAV)–DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)PPORT (RNAV)–DP NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHICAGO(MDW)	(RNAV 1–DME/DME/IRU OR GPS)CAM Q822 GONZZ Q29 JHW DJB ASHEN PANGG (RNAV)–STAR	1100–0300
CHICAGO(ORD)	(TURBOJETS ONLY: DME/DME/IRU OR GNSS REQUIRED)CAM Q822 FNT WYNDE (RNAV)–STAR	1100–0300
CHICAGO/ROCKFORD(RFD)	CAM Q822 FNT WEBOR HIGUH EMMAS (RNAV)–STAR	
CHS, JZI	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)PPORT (RNAV)–DP CCC Q97 SAWED DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(AOA FL240; JETS ONLY: DME/DME/IRU OR GPS REQUIRED)PPORT (RNAV)–DP BAF HYPER (RNAV)–STAR or (AOB FL220; NON–JET AIRCRAFT: RNAV 1 – DME/DME/IRU OR GPS)CAM ALB HNK LYKOM PRTZL (RNAV)–STAR	
COVINGTON(CVG)	(DME/DME/IRU OR GPS REQUIRED)CAM Q822 GONZZ JOSSY MAULL KODIE SAVVI TIGRR (RNAV)–STAR	1100–0300
DENVER(DEN)	HANAA Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)–STAR	
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)CAM Q822 GONZZ COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)CAM Q822 GONZZ COLTS OKLND (RNAV)–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)CAM Q822 GONZZ DONEO TPGUN (RNAV)–STAR	1100–0300
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)CAM Q822 GONZZ DONEO CUUGR (RNAV)–STAR	1100–0300
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)PPORT (RNAV)–DP CCC Q97 PRMUS CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)PPORT (RNAV)–DP CCC Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR..	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)PPORT (RNAV)–DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)PPORT (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
JVY, LOU, SDF	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)PPORT (RNAV)–DP BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
MEMPHIS(MEM)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)PPORT (RNAV)–DP BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	
MYRTLE BEACH(MYR)	PPORT (RNAV)–DP CCC Q97 PAACK WYLMS	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)PPORT (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
PHILADELPHIA(PHL)	PPORT (RNAV)–DP CCC MANTA Q439 BRIGS JIIMS (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)PPORT (RNAV)–DP CCC TOPRR Q167 ZJAAY TAQLE (RNAV)–STAR	
TAMPA(TPA)	PPORT (RNAV)–DP NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
WASHINGTON(DCA)	PPORT (RNAV)–DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	1100–0300
MORRISTOWN(MMU)		
PORTSMOUTH(PSM)	(170 AND ABOVE)BREZY V39 CMK MERIT HFD FOXWD KLANE TTERI REMDG	
NANTUCKET(ACK)		
05C, IGQ, 3HO, GYY, MDW	(RNAV 1–DME/DME/IRU OR GPS)LFV CELTS MANCH CAM Q822 GONZZ Q29 DORET DJB ASHEN PANGG (RNAV)–STAR	
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)MVY JAWZZ Q220 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	MVY JAWZZ Q220 RIFLE HEADI Q97 KENLL CPTAN (RNAV)–STAR	
AUSTIN(AUS)	(JETS TURBOPROPS, RNAV 1 – DME/DME/IRU OR GPS)LFV CELTS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	
BALTIMORE(BWI)	LFV CELTS NELIE Q75 MXE V378 NUGGY TRISH (RNAV)–STAR	1100–0300
CHICAGO(ORD)	LFV CELTS MANCH CAM Q822 FNT WYNDE (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(AOA FL240; JET & TURBOPROP ACFT:RNAV 1 – DME/DME/IRU OR GPS)LFV CELTS BAF HYPER (RNAV)–STAR	
FARMINGDALE(FRG)	(AOB FL220; TURBOJETS ONLY)MVY SEY PARCH (RNAV)–STAR	
FRG,JFK	(AOB FL220; TURBOJETS ONLY)MVY JAWZZ Q220 SEY PARCH (RNAV)–STAR	
HPN, DXR	(120–FL220 INCL; RNAV 1 – DME/DME/IRU OR GPS, 250KTS OR GREATER)MVY V146 PUT NELIE VALRE (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
MORRISTOWN(MMU)	(AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE	
PHILADELPHIA(PHL)	MVY JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR or (TURBOJETS ONLY)MVY JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	
TETERBORO(TEB)	(AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE	
WASHINGTON(DCA)	LFV CELTS NELIE Q75 MXE CLIPR (RNAV)–STAR or (TURBOJETS ONLY)MVY JAWZZ Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	1100–0300
WILMINGTON(ILM)	MVY JAWZZ Q220 RIFLE HEADI Q97 PAACK CHVIS BEULA	
NEW HAVEN(HVN)		
06FA,BCT,FXE,DJT,PMP	BEADS EMJAY Q167 ZJAAY Q97 KENLL CPTAN (RNAV)–STAR	
WILMINGTON(ILM)	BEADS EMJAY Q167 KALDA Q97 PAACK CHVIS BEULA	
NEW YORK(ISP)		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)BEADS EMJAY Q167 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	BEADS EMJAY Q167 ZJAAY Q97 KENLL CPTAN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)BEADS EMJAY Q167 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR or BEADS EMJAY Q167 ZJAAY Q97 DEBRL CSTAL (RNAV)–STAR	
APF,FMY,MKY,RSW	(JETS ONLY)(WATER)BEADS EMJAY Q167 KALDA Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)–STAR	
BINGHAMTON(BGM)	(JETS)NEION Q232 CORDS CFB	
BUFFALO(BUF)	NEION Q232 STUBN BENEE	
BWI,MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)BEADS EMJAY Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS RNAV 1)COATE Q436 KAYYS WYNDE (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(JET & TURBOPROPS ONLY :RNAV 1 – DME/DME/IRU OR GPS)BEADS SARDI RBV HYPER (RNAV)–STAR	
CVG, HAO, LUK I69	(RNAV 1 – DME/DME/IRU OR GPS)BEADS T320 SARDI RBV Q430 SAAME J6 COLNS GAVNN (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW NORTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR or (DFW SOUTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)BEADS EMJAY Q167 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR or BEADS EMJAY Q167 ZJAAY Q97 PRMUS CUUDA (RNAV)–STAR	
FLL,OPF,MIA,07FA,HST,TMB,X51,HWO	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)BEADS EMJAY Q167 ZJAAY Q97 KENLL TARPN (RNAV)–STAR	
FORT MYERS(RSW)	BEADS SARDI RBV Q430 COPES Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS, TURBOPROPS: RNAV 1–DME/DME/IRU OR GPS)(WATER)BEADS EMJAY Q167 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)BEADS EMJAY Q167 ZJAAY Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
ITHACA(ITH)	(JETS)NEION Q232 CORDS CFB	
MANCHESTER(MHT)	(AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTER (CANADIAN) (RNAV)–STAR	
MYRTLE BEACH(MYR)	BEADS EMJAY Q167 ZJAAY Q97 PAACK WYLMS	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)BEADS EMJAY Q167 ZJAAY Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
PITTSBURGH(PIT)	(TURBOJETS RNAV 1)COATE Q436 REBBL J190 SLT HAYNZ (RNAV)–STAR or (PROPS)GAYEL V374 MSLIN LAAYK Q436 DGRAF ETG CIP HAYNZ (RNAV)–STAR	
RICHMOND(RIC)	BEADS EMJAY Q167 ZJAAY ARICE JAMIE	
ROCHESTER(ROC)	NEION Q232 STUBN GIBBE	
SYRACUSE(SYR)	(JETS)NEION Q232 CORDS CFB T335 CORTA	
TAMPA(TPA)	BEADS SARDI RBV Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WASHINGTON(DCA)	(TURBOJET)BEADS EMJAY Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	
NEW YORK(JFK)		
BKL, CLE, CGF, LNN. LPR	(RNAV 1–DME/DME/IRU OR GPS)DEEZZ (RNAV)–DP CANDR J60 PSB UPPRR TRYBE (RNAV)–STAR	
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)WAVEY EMJAY Q167 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	WAVEY EMJAY Q167 ZJAAY Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)WAVEY EMJAY Q167 ZJAAY Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)WAVEY EMJAY Q167 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR or WAVEY EMJAY Q167 ZJAAY Q97 DEBRL CSTAL (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	WAVEY EMJAY Q167 ZJAAY Q97 SAWED MOXXY Q85 LPERD TTHOR (RNAV)–STAR	1100–0300
ATLANTA(ATL)	RBV Q430 BYRDD J48 MOL FLASK OZZZI (RNAV)–STAR	
AUGUSTA(AUG)	(FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300
AUSTIN(AUS)	RBV Q430 SAAME J6 HVQ Q68 YOCKY LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	
BALTIMORE(BWI)	RBV Q430 COPES Q75 MXE V378 NUGGY TRISH (RNAV)–STAR	
BANGOR(BGR)	(FL190 AND ABOVE)GREKI JUDDS CAM ENE	1100–0300
BINGHAMTON(BGM)	(JETS)NEION Q232 CORDS CFB	
BOSTON(BOS)	(FL180–FL230; JETS ONLY)MERIT ROBUC (RNAV)–STAR	1100–0300
BUFFALO(BUF)	NEION Q232 STUBN BENEE or (TURBOPROPS)COATE T218 LAAYK STUBN BENEE	
BURLINGTON(BTV)	GREKI V419 JUDDS CAM GRNMT or (FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM GRNMT	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)RBV Q430 COPES Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHARLOTTESVILLE(CHO)	RBV Q430 COPES Q75 GVE	
CHICAGO(MDW)	(RNAV 1–DME/DME/IRU OR GPS)DEEZZ (RNAV)–DP CANDR J60 DJB ASHEN PANGG (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS RNAV 1)COATE Q436 KAYYS WYNDE (RNAV)–STAR	
CHS,JZI	WAVEY EMJAY Q167 ZJAAY Q97 SAWED DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	1100–0300
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG,OKV,RMN	(JET & TURBOPROPS ONLY :RNAV 1 – DME/DME/IRU OR GPS)RBV HYPER (RNAV)–STAR	
CMH, LCK, OSU, TZR	(RNAV 1–DME/DME/IRU OR GPS)RBV Q430 AIR CLPRR (RNAV)–STAR	
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(RNAV 1 – DME/DME/IRU OR GPS)WAVEY EMJAY Q167 TBONN OUTLA (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
CVG, HAO, LUK I69	(RNAV 1 – DME/DME/IRU OR GPS)RBV Q430 SAAME J6 COLNS GAVNN (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW SOUTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (DFW NORTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
DAYTON(DAY)	RBV Q430 AIR APE DANEI–STAR	
DENVER(DEN)	RBV Q430 ZANDR J80 SPI IRK OBH BRWRY LAWGR (RNAV)–STAR	
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)GAYEL Q818 WOZEE COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS OKLND (RNAV)–STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)GAYEL J95 CFB TRAAD JACCI WNGNT (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)GAYEL J95 CFB TRAAD JACCI FERRL (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBV Q430 COPES Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FLL,OPF	WAVEY EMJAY Q167 ZJAAY Q97 PRMUS CUUDA (RNAV)–STAR	
FLL,ORF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)WAVEY EMJAY Q167 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
FORT LAUDERDALE(FLL)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SHIPP Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)–STAR	
GREENSBORO(GSO)	RBV Q430 COPES Q75 GVE AIROW HENBY (RNAV)–STAR	
HOUSTON(HOU)	RBV Q430 BYRDD J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR or RBV Q430 SAAME J6 HVQ Q68 LITTR Q33 SWEUP WAPPL (RNAV)–STAR	
HOUSTON(IAH)	(IAH WEST FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR Q33 SWEUP ZEEKK (RNAV)–STAR or (IAH EAST FLOW)RBV Q430 BYRDD J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR or (IAH EAST FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR Q33 SWEUP GESNR (RNAV)–STAR or (IAH WEST FLOW)RBV Q430 BYRDD J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	
INDIANAPOLIS(IND)	RBV Q430 SAAME BRNAN Q42 HIDON RINTE SNKPT (RNAV)–STAR or RBV Q430 AIR J80 RINTE SNKPT (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)WAVEY EMJAY Q167 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS ONLY)(WATER)WAVEY EMJAY Q167 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)WAVEY EMJAY Q167 ZJAAY Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
ITHACA(ITH)	(JETS)NEION Q232 CORDS CFB	

Terminals	Route	Effective Times (UTC)
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)WAVEY EMJAY Q167 ZJAAY Q97 SAWED GUILD Q409 SESUE ESENT LUNNI (RNAV)–STAR	
KANSAS CITY(MCI)	RBV Q430 AIR J80 SPI EUING RUDDH (RNAV)–STAR	
KEY WEST(EYW)	(WATER)WAVEY EMJAY Q167 KALDA Q131 WAALT Y289 BAHAA AR17 HIBAC EBAYY FNTSY (RNAV)–STAR or WAVEY EMJAY Q167 ZJAAY Q97 EBAYY FNTSY (RNAV)–STAR	
KNOXVILLE(TYS)	RBV Q430 BYRDD J48 CSN FANPO Q40 ALEAN VXV	
LOUISVILLE(SDF)	RBV Q430 SAAME J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
MANCHESTER(MHT)	(AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
MEMPHIS(MEM)	RBV Q430 SAAME J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SHIPP Y488 STERN Y493 JENKS HOAGG BNFSH (RNAV)–STAR	
MILWAUKEE(MKE)	(RNAV 1–DME/DME/IRU OR GPS)DEEZZ (RNAV)–DP CANDR J60 DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)GAYEL Q818 WOZEE NOSIK Q812 ZOHAN IDIOM MUSCL (RNAV)–STAR	1000–0300
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTER (CANADIAN) (RNAV)–STAR	
MSY,NEW,NBG	(RNAV 1 – DME/DME/IRU OR GPS)RBV Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	
NANTUCKET(ACK)	(FL180–210; JETS ONLY)BETTE KYSKY DEEPO (RNAV)–STAR	1100–0300
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)RBV Q430 SAAME J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	
NASSAU(MYNN)	(DEEP OCEAN)SHIPP Y488 STERN Y493 WEAKK CARPX Y307 HANKX	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)WAVEY EMJAY Q167 ZJAAY Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
PHOENIX(PHX)	RBV Q430 AIR J110 STL BUM ICT TOTOE FTI BUKKO ZUN	
PITTSBURGH(PIT)	(RNAV 1–DME/DME/IRU OR GPS)DEEZZ (RNAV)–DP CANDR J60 PSB HAYNZ (RNAV)–STAR or (PROPS)GAYEL V374 MSLIN LAAYK Q436 DGRAF ETG CIP HAYNZ (RNAV)–STAR	
PORTSMOUTH(PSM)	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG	
RALEIGH/DURHAM(RDU)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)WAVEY EMJAY Q167 ZJAAY TAQLE (RNAV)–STAR	
RICHMOND(RIC)	(DME/DME/IRU OR GPS)WAVEY EMJAY Q167 ZJAAY ARICE JAMIE	
ROANOKE(ROA)	RBV Q430 BYRDD J48 MOL	
ROCHESTER(ROC)	NEION Q232 STUBN GIBBE	
SALT LAKE CITY(SLC)	GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ FOD ONL J94 BFF CKW CARTR (RNAV)–STAR	
SAN FRANCISCO(SFO)	(TURBOJET)GAYEL Q818 WOZEE Q935 HOCKE GRB GEP ABR J32 LLC LEGGS BDEGA (RNAV)–STAR	
SAVANNAH(SAV)	WAVEY EMJAY Q167 ZJAAY Q97 SAWED GUILD Q409 SESUE SOOOP	
ST LOUIS(STL)	RBV Q430 AIR J110 VHP AARCH (RNAV)–STAR	
SYRACUSE(SYR)	(JETS)NEION Q232 CORDS CFB T335 CORTA	
TAMPA(TPA)	RBV Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)–STAR or (DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA HIBAC DADES (RNAV)–STAR	
TORONTO(CYYZ)	GAYEL Q818 WOZEE LINNG (CANADIAN) (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
WASHINGTON(DCA)	(FL180–FL220; TURBOJET)WAVEY EMJAY Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	
WEST PALM BEACH(DJT)	(DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)–STAR	
NEW YORK(LGA)		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)WHITE Q409 CRPLR PAACK Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)WHITE Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR or WHITE Q409 CRPLR PAACK Q97 DEBRL CSTAL (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR	
AKRON(CAK)	(RNAV TURBOJET)NEWEL J60 PSB SOORD ZZIPS (RNAV)–STAR	
ATLANTA(ATL)	(RNAV ONLY)LANNA J48 MOL FLASK OZZZI (RNAV)–STAR	
ATLANTA(PDK)	LANNA J48 MOL FLASK VIEWS DEHAN (RNAV)–STAR	
AUBURN/LEWISTON(LEW)	(FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300
AUGUSTA(AGS)	BIGGY Q75 GSO STWRT–STAR	
AUGUSTA(AUG)	(FL190 AND ABOVE)GREKI JUDDS CAM CON or (FL250 AND ABOVE)MERIT HFD PUT BOS MESHL	1100–0300 1100–0300
BALTIMORE(BWI)	BIGGY Q75 MXE V378 NUGGY TRISH (RNAV)–STAR	
BANGOR(BGR)	(FL250 AND ABOVE)MERIT HFD PUT BOS or (FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300 1100–0300
BAR HARBOR(BHB)	(FL250 AND ABOVE)MERIT HFD PUT BOS or (FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300 1100–0300
BINGHAMTON(BGM)	(JETS)NEION Q232 CORDS CFB	
BIRMINGHAM(BHM)	LANNA J48 CSN FANPO Q40 NIOLA DIODE	
BOSTON(BOS)	(DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)–STAR	1100–0300
BRISTOL/JOHNSON/KINGSPORT(TRI)	LANNA J48 CSN FANPO Q40 ALEAN	
BUFFALO(BUF)	NEION Q232 STUBN BENEE or (TURBOPROPS)COATE T218 LAAYK STUBN BENEE	
BURLINGTON(BTV)	GREKI V419 JUDDS CAM GRNMT or (FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM GRNMT	
CHARLESTON(CRW)	PARKE J6 HVQ	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)BIGGY Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHARLOTTESVILLE(CHO)	BIGGY Q75 GVE	
CHATTANOOGA(CHA)	LANNA J48 CSN FANPO Q40 ALEAN VXV	
CHICAGO(MDW)	(RNAV 1–DME/DME/IRU OR GPS)NEWEL J60 DJB ASHEN PANGG (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS RNAV 1)COATE Q436 KAYYS WYNDE (RNAV)–STAR	
CHS,JZI	WHITE Q409 CRPLR DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	1100–0300
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG,OKV,RMN	(JET & TURBOPROPS ONLY :RNAV 1 – DME/DME/IRU OR GPS)PARKE HYPER (RNAV)–STAR	
CLEVELAND(CLE)	NEWEL J60 PSB UPPRR TRYBE (RNAV)–STAR	
CMH, LCK, OSU, TZR	(RNAV 1–DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 AIR CLPRR (RNAV)–STAR	
COF,COI,ISM,MCO,MLB,TIX,TTS,XMR	WHITE Q409 CRPLR Q85 LPERD OMN BITHO–STAR	
CONCORD(CON)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300

Terminals	Route	Effective Times (UTC)
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(RNAV 1 – DME/DME/IRU OR GPS)WHITE Q409 TRPOD OUTLA (RNAV)–STAR	
CVG, HAO, LUK I69	(RNAV 1 – DME/DME/IRU OR GPS)PARKE J6 COLNS GAVNN (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (DFW NORTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
DAYTON(DAY)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR APE DANEI–STAR	
DENVER(DEN)	NEWEL J60 DJB CPONE JOT J60 IOW DSM OBH BRWRY LAWGR (RNAV)–STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)GAYEL J95 CFB TRAAD JACCI WNGNT (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)GAYEL J95 CFB TRAAD JACCI FERRL (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)BIGGY Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FLL,OPF	WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)WHITE Q409 CRPLR KOOKI Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
FORT LAUDERDALE(FLL)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SHIPP Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)–STAR	
FORT MYERS(FMY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
FORT MYERS(RSW)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
GREENSBORO(GSO)	BIGGY Q75 GVE AIROW HENBY (RNAV)–STAR	
GREER(GSP)	BIGGY Q75 GVE FUBLL JUNNR (RNAV)–STAR	
HOT SPRINGS(HSP)	LANNA J48 EMI CSN V140 MOL	
HOUSTON(HOU)	(TURBOJETS)LANNA J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR	
HOUSTON(IAH)	(IAH WEST FLOW)RBV Q430 BYRDD J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR or (TURBOJETS)(IAH EAST FLOW)LANNA J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR	
INDIANAPOLIS(IND)	(AOA FL260; TURBOJETS)ZIMMZ Q42 HIDON RINTE SNKPT (RNAV)–STAR or (MAX ALTITUDE FL280; TURBOJETS)NEWEL J60 DANNR RAV J64 CASIO RINTE SNKPT (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)WHITE Q409 CRPLR Q85 LPERD SNFLD (RNAV)–STAR	
ITHACA(ITH)	(JETS)NEION Q232 CORDS CFB	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)WHITE Q409 SESUE ESENT LUNNI (RNAV)–STAR	
KANSAS CITY(MCI)	ZIMMZ Q42 MIKYG Q480 AIR J80 SPI EUING RUDDH (RNAV)–STAR	
KEENE(EEN)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300

Terminals	Route	Effective Times (UTC)
KEY WEST(EYW)	(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA AR17 HIBAC EBAYY FNTSY (RNAV)–STAR	
	or	
	WHITE Q409 CRPLR PAACK Q97 EBAYY FNTSY (RNAV)–STAR	
KNOXVILLE(TYS)	LANNA J48 CSN FANPO Q40 ALEAN VXV	
LACONIA(LCI)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
LAKE PLACID(LKP)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100–0300
LEBANON(LEB)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
LEWISBURG(LWB)	LANNA J48 EMI CSN V140 MOL	
LEXINGTON(LEX)	PARKE J6 HVQ	
LOUISVILLE(SDF)	PARKE J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
MANCHESTER(MHT)	(FL190 AND ABOVE; PROPS ONLY)GREKI JUDDS MARTN KEYNN POPPP	1100–0300
	or	
	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
MARCO ISLAND(MKY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
MEMPHIS(MEM)	PARKE J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SHIPP Y488 STERN Y493 JENKS HOAGG BNFSH (RNAV)–STAR	
MILWAUKEE(MKE)	NEWEL J60 DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)GAYEL Q818 WOZEE NOSIK ZOHAN IDIOM MUSCL (RNAV)–STAR	1000–0300
MOBILE(MOB)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ MGMRY SJI	
MONTGOMERY(MGM)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ THRSR	
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTER (CANADIAN) (RNAV)–STAR	
MSY,NEW,NBG	(RNAV 1 – DME/DME/IRU OR GPS)LANNA J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	
MYRTLE BEACH(MYR)	WHITE Q409 CRPLR PAACK WYLMS	
NANTUCKET(ACK)	(FL180–FL230 ONLY; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
NAPLES(APF)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
NASHUA(ASH)	(FL190 AND ABOVE)GREKI JUDDS MARTN KEYNN	1100–0300
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)PARKE J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	
OMAHA(OMA)	NEWEL J60 DJB CPONE JOT J60 IOW DSM	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)WHITE Q409 CRPLR Q85 LPERD GTOUT (RNAV)–STAR	
PHOENIX(PHX)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J110 STL BUM ICT TOTOE FTI BUKKO ZUN EAGUL (RNAV)–STAR	
PITTSBURGH(AGC)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE LEJOY NESTO	
	or	
	(NON–RNAV EQUIPPED ONLY)NEWEL J60 PSB EARED GRACE	
PITTSBURGH(PIT)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)–STAR	
PORTLAND(PWM)	(FL180 AND ABOVE)GREKI JUDDS CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG	
RALEIGH/DURHAM(RDU)	(AOB FL260; JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)WHITE Q409 VILLS NALES Q141 HOUKY TAQLE (RNAV)–STAR	
RICHMOND(RIC)	WHITE Q409 TRPOD T303 JAMIE	
ROANOKE(ROA)	LANNA J48 MOL	
ROCHESTER(ROC)	NEION Q232 STUBN GIBBE	
	or	
	(PROPS)COATE Q436 LAAYK CFB V252 GIBBE	
ROCKLAND(RKD)	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
	or	
	(FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300
RUTLAND(RUT)	(FL190 AND ABOVE)GREKI V419 JUDDS CAM	1100–0300

Terminals	Route	Effective Times (UTC)
SALT LAKE CITY(SLC)	GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ FOD ONL J94 BFF CKW CARTR (RNAV)–STAR	
SARANAC LAKE(SLK)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
SAVANNAH(SAV)	(TURBOJETS)WHITE Q409 SESUE SOOOP	
ST LOUIS(STL)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J80 VHP AARCH (RNAV)–STAR	
SYRACUSE(SYR)	(PROPS)COATE Q436 LAAYK CFB T335 CORTA or NEION Q232 CORDS CFB T335 CORTA	
TAMPA(TPA)	BIGGY Q75 TEUFL BAAMF DADES (RNAV)–STAR	
TOLEDO(TOL)	NEWEL J60 DJB	
TORONTO(CYYZ)	(90–170 INCL; NON JET ACFT ONLY)COATE Q436 MTCAF STUBN WOZEE VERKO (CANADIAN) (RNAV)–STAR or (RNAV ONLY)GAYEL Q818 WOZEE LINNG (CANADIAN) (RNAV)–STAR	
WASHINGTON(DCA)	BIGGY Q75 MXE V378 BAL or BIGGY Q75 MXE CLIPR (RNAV)–STAR	
WATERVILLE(WVL)	(FL190 AND ABOVE)GREKI JUDDS CAM or (FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300 1100–0300
WEST PALM BEACH(DJT)	(DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)–STAR	
WILMINGTON(ILM)	WHITE Q409 CRPLR PAACK CHVIS BEULA	
WINSTON SALEM(INT)	BIGGY Q75 GVE AIROW HENBY (RNAV)–STAR	
NEW YORK(SWF)		
COVINGTON(CVG)	(DME/DME/IRU OR GPS REQUIRED)WEARD LAAYK Q436 DGRAF J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	
MANCHESTER(MHT)	(FL190 AND ABOVE; JETS ONLY)STUBY MUCOW ROZZE (RNAV)–STAR	1100–0300
NEWARK(EWR)		
JVY, LOU, SDF	(JETS ONLY RNAV 1–DME/DME/IRU OR GPS)PARKE J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
06FA,BCT,F45,DJT	(JETS)(WATER)ELVAE NECCK WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	ELVAE NECCK WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)ELVAE NECCK WHITE Q409 CRPLR PAACK Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	ELVAE NECCK WHITE Q409 CRPLR PAACK Q97 DEBRL CSTAL (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)ELVAE NECCK WHITE Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
1G3, AKR, CAK	(RNAV 1–DME/DME/IRU OR GPS)NEWEL J60 PSB SOORD ZZIPS (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	ELVAE NECCK WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR or ELVAE NECCK WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR	1100–0300
ATLANTA(ATL)	(RNAV ONLY)LANNA J48 MOL FLASK OZZZI (RNAV)–STAR	
ATLANTA(PDK)	LANNA J48 MOL FLASK VIEWS DEHAN (RNAV)–STAR	
AUBURN/LEWISTON(LEW)	(FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300
AUGUSTA(AUG)	(FL250 AND ABOVE)MERIT HFD PUT BOS MESHL or (FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300 1100–0300
AUSTIN(AUS)	PARKE HYPER J6 HVQ Q68 YOCKY LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	
BALTIMORE(BWI)	(TURBOJETS ONLY)BIGGY Q75 MXE V378 NUGGY TRISH (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
BANGOR(BGR)	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
	or	
	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
BAR HARBOR(BHB)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
	or	
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
BARRE/MONTPELIER(MPV)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
BINGHAMTON(BGM)	(JETS)NEION Q232 CORDS CFB	
BIRMINGHAM(BHM)	LANNA J48 CSN FANPO Q40 NIOLA DIODE	
BOSTON(BOS)	(FL180–FL230; JETS ONLY)MERIT ROBUC (RNAV)–STAR	1100–0300
BRISTOL/JOHNSON/KINGSPORT(TRI)	LANNA J48 CSN FANPO Q40 ALEAN	
BUFFALO(BUF)	NEION Q232 STUBN BENEE	
BURLINGTON(BTV)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM GRNMT	
CHARLESTON(CRW)	PARKE J6 HVQ	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)BIGGY Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHARLOTTESVILLE(CHO)	BIGGY Q75 GVE	
CHATTANOOGA(CHA)	LANNA J48 CSN FANPO Q40 ALEAN VXV	
CHICAGO(MDW)	(RNAV 1–DME/DME/IRU OR GPS)NEWEL J60 DJB ASHEN PANGG (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS – RNAV 1)COATE Q436 KAYYS WYNDE (RNAV)–STAR	
CHS, JZI	ELVAE NECCK WHITE Q409 CRPLR DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(JET & TURBOPROPS ONLY :RNAV 1 – DME/DME/IRU OR GPS)PARKE HYPER (RNAV)–STAR	
CLEVELAND(CLE)	(RNAV TURBOJET)NEWEL J60 PSB UPPRR TRYBE (RNAV)–STAR	
CMH, LCK, OSU, TZR	(RNAV 1–DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 AIR CLPRR (RNAV)–STAR	
COF,COI,ISM,MCO,MLB,TIX,TTS,XMR	ELVAE NECCK WHITE Q409 CRPLR Q85 LPERD OMN BITHO–STAR	
CONCORD(CON)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(RNAV 1 – DME/DME/IRU OR GPS)ELVAE NECCK WHITE Q409 TRPOD OUTLA (RNAV)–STAR	
CVG, HAO, LUK I69	(RNAV 1 – DME/DME/IRU OR GPS)PARKE J6 COLNS GAVNN (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(JETS ONLY RNAV 1–DME/DME/IRU OR GPS)(DFW NORTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
	or	
	(JETS ONLY RNAV 1–DME/DME/IRU OR GPS)(DFW SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	
DAY, MGY, MWO, SGH	ZIMMZ Q42 MIKYG Q480 AIR APE DANEI–STAR	
DENVER(DEN)	NEWEL J60 DJB CPONE JOT J60 IOW DSM OBH BRWRY LAWGR (RNAV)–STAR	
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)GAYEL Q818 WOZEE COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS OKLND (RNAV)–STAR	
DETROIT(DTW)	(RNAV 1 – DME/DME/IRU OR GPS)(DTW SOUTH FLOW)GAYEL J95 CFB TRAAD JACCI FERRL (RNAV)–STAR	
	or	
	(RNAV 1 – DME/DME/IRU OR GPS)(DTW NORTH FLOW)GAYEL J95 CFB TRAAD JACCI WNGNT (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)BIGGY Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)ELVAE NECCK WHITE Q409 CRPLR KOOKI Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
	or	
	ELVAE NECCK WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
FORT LAUDERDALE(FLL)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)ELVAE NECCK DIXIE Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)–STAR	
FORT MYERS(FMY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
FORT MYERS(RSW)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
GREENSBORO(GSO)	BIGGY Q75 GVE AIROW HENBY (RNAV)–STAR	
GREER(GSP)	BIGGY Q75 GVE FUBLL JUNNR (RNAV)–STAR	
HOT SPRINGS(HSP)	LANNA J48 EMI CSN V140 MOL	
HOUSTON(HOU)	(TURBOJETS)LANNA J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR	
HOUSTON(IAH)	(TURBOJETS)(IAH EAST FLOW)LANNA J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR or (TURBOJETS)(IAH WEST FLOW)LANNA J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	
INDIANAPOLIS(IND)	(MAX ALTITUDE FL280; TURBOJETS)NEWEL J60 DANNR RAV J64 CASIO RINTE SNKPT (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)ELVAE NECCK WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS)(WATER)ELVAE NECCK WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(DEEP OCEAN)ELVAE NECCK DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)ELVAE NECCK WHITE Q409 CRPLR Q85 LPERD SNFLD (RNAV)–STAR	
ITHACA(ITH)	(JETS)NEION Q232 CORDS CFB	
JACKSONVILLE(JAX)	(JETS: DME/DME/IRU OR GPS REQUIRED)ELVAE NECCK WHITE Q409 SESUE ESENT LUNNI (RNAV)–STAR	
KANSAS CITY(MCI)	ZIMMZ Q42 MIKYG Q480 AIR J80 SPI EUING RUDDH (RNAV)–STAR	
KEENE(EEN)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
KEY WEST(EYW)	(WATER)ELVAE NECCK WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA AR17 HIBAC EBAYY FNTSY (RNAV)–STAR or ELVAE NECCK WHITE Q409 CRPLR PAACK Q97 EBAYY FNTSY (RNAV)–STAR	
KNOXVILLE(TYS)	LANNA J48 CSN FANPO Q40 ALEAN VXV	
LACONIA(LCI)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
LAKE PLACID(LKP)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100–0300
LEBANON(LEB)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
LEWISBURG(LWB)	LANNA J48 EMI CSN V140 MOL	
LEXINGTON(LEX)	PARKE J6 HVQ	
MANCHESTER(MHT)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
MARCO ISLAND(MKY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
MEMPHIS(MEM)	PARKE J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)ELVAE NECCK DIXIE Y481 OHRYN Y488 STERN Y493 JENKS HOAGG BNFSH (RNAV)–STAR	
MILWAUKEE(MKE)	NEWEL J60 DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)GAYEL Q818 WOZEE NOSIK Q812 ZOHAN IDIOM MUSCL (RNAV)–STAR	1000–0300
MOBILE(MOB)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ MGMRY SJI	
MONTGOMERY(MGM)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ THRSR	
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTER (CANADIAN) (RNAV)–STAR	
MSY,NEW,NBG	(RNAV 1 – DME/DME/IRU OR GPS)LANNA J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	
MYRTLE BEACH(MYR)	ELVAE NECCK WHITE Q409 CRPLR PAACK WYLMS	

Terminals	Route	Effective Times (UTC)
NANTUCKET(ACK)	(FL180–FL230; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
NAPLES(APF)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
NASHUA(ASH)	(FL190 AND ABOVE)GREKI JUDDS MARTN KEYNN	1100–0300
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)PARKE J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	
NASSAU(MYNN)	(DEEP OCEAN)ELVAE NECCK DIXIE Y481 OHRYN Y488 STERN Y493 WEAKK CARPX Y307 HANKX	
OMAHA(OMA)	NEWEL J60 DJB CPONE JOT J60 IOW DSM	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)ELVAE NECCK WHITE Q409 CRPLR Q85 LPERD GTOUT (RNAV)–STAR	
OTTAWA(CYOW)	(FL 190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM BUGSY DEANS (CANADIAN) (RNAV)–STAR	
PHOENIX(PHX)	(JETS ONLY RNAV 1–DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 AIR J110 STL BUM ICT TOTOE FTI BUKKO ZUN EAGUL (RNAV)–STAR	
PITTSBURGH(AGC)	ZIMMZ Q42 MIKYG Q480 VINSE LEJOY NESTO	
PITTSBURGH(PIT)	(RNAV 1 – DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)–STAR	
PORTLAND(PWM)	(FL180 AND ABOVE)GREKI JUDDS CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG	
RALEIGH/DURHAM(RDU)	(AOB FL260; JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)ELVAE NECCK WHITE Q409 VILLS NALES Q141 HOUKY TAQLE (RNAV)–STAR	
RICHMOND(RIC)	ELVAE NECCK WHITE Q409 TRPOD T303 JAMIE	
ROANOKE(ROA)	LANNA J48 MOL	
ROCHESTER(ROC)	(TURBOPROPS)COATE Q436 LAAYK CFB V252 GIBBE or NEION Q232 STUBN GIBBE	
ROCKLAND(RKD)	(FL190 AND ABOVE)GREKI JUDDS CAM CON or (FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300 1100–0300
RUTLAND(RUT)	(FL190 AND ABOVE)GREKI V419 JUDDS CAM	1100–0300
SALT LAKE CITY(SLC)	(JETS ONLY, RNAV 1 GPS)GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ FOD ONL J94 BFF CKW CARTR (RNAV)–STAR	
SAN FRANCISCO(SFO)	(TURBOJET)GAYEL Q818 WOZEE Q935 HOCKE GRB GEP ABR J32 LLC LEGGS BDEGA (RNAV)–STAR	
SARANAC LAKE(SLK)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
SAVANNAH(SAV)	(JETS)ELVAE NECCK WHITE Q409 SESUE SOOOP	
ST LOUIS(STL)	(JETS ONLY RNAV 1–DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 AIR J80 VHP AARCH (RNAV)–STAR	
ST PETERSBURG–CLEARWATER(PIE)	BIGGY Q75 TEUFL BAAMF DADES (RNAV)–STAR	
SYRACUSE(SYR)	NEION Q232 CORDS CFB T335 CORTA or (TURBOPROPS)COATE Q436 LAAYK CFB T335 CORTA	
TAMPA(TPA)	(DEEP OCEAN)ELVAE NECCK DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA HIBAC DADES (RNAV)–STAR or BIGGY Q75 TEUFL BAAMF DADES (RNAV)–STAR	
TOLEDO(TOL)	NEWEL J60 DJB	
TORONTO(CYYZ)	(RNAV 1–DME/DME/IRU OR GPS)GAYEL Q818 WOZEE LINNG (CANADIAN) (RNAV)–STAR or (NON JET ACFT ONLY)COATE Q436 MTCAF STUBN WOZEE VERKO (CANADIAN) (RNAV)–STAR	
WASHINGTON(DCA)	(GPS OR DME/DME–IRU EQUIPPED)BIGGY Q75 MXE CLIPR (RNAV)–STAR	
WATERVILLE(WVL)	(FL190 AND ABOVE)GREKI JUDDS CAM or (FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300 1100–0300
WEST PALM BEACH(DJT)	(DEEP OCEAN)ELVAE NECCK DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)–STAR	
WILMINGTON(ILM)	ELVAE NECCK WHITE Q409 CRPLR PAACK CHVIS BEULA	

Terminals	Route	Effective Times (UTC)
WINSTON SALEM(INT)	BIGGY Q75 GVE AIROW HENBY (RNAV)–STAR	
NEWPORT NEWS(PHF)		
ATLANTA(ATL)	(ATL EAST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR SITTH (RNAV)–STAR or (ATL WEST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR JJEDI (RNAV)–STAR	
CHARLOTTE(CLT)	(AOB FL220; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)COUPN CHSLY (RNAV)–STAR	
MQS,PHL,PNE,TTN	(JETS ONLY , RNAV 1 – DME/DME/IRU OR GPS)HOUKY TAPPA HYTRA PAATS (RNAV)–STAR	
NORFOLK(ORF)		
06FA,BCT,F45,DJT	(JETS)(WATER)SWOPE (RNAV)–DP PRONI WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	SWOPE (RNAV)–DP ELLDE Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(TURBPROP, EA50,E50P,SF50,C510,C525 AIRCRAFT ONLY)SWOPE (RNAV)–DP ELLDE Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	SWOPE (RNAV)–DP ELLDE Q97 DEBRL CSTAL (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)SWOPE (RNAV)–DP SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
54T,ARM,AXH,BYY,EFD,GLS,HOU,HPY,IWS,LBX,LVJ,SGR,T00,T41,TME	NUTIY (RNAV)–DP RDU SHPRD DEBIE IPTAY CHOPZ THRSR JAMMR MERDN AEX WAPPL (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	NUTIY (RNAV)–DP PBCUP Q85 LPERD TTHOR (RNAV)–STAR	
APF,FMY,MKY,RSW	NUTIY (RNAV)–DP NUTIY JIMAR DEEEZ Q409 PUPYY Q103 CYNTA SHFTY (RNAV)–STAR	
ATLANTA(ATL)	(ATL WEST FLOW)NUTIY (RNAV)–DP EYOBI CEELY Q172 YUTEE SKWKR JJEDI (RNAV)–STAR or (ATL EAST FLOW)NUTIY (RNAV)–DP EYOBI CEELY Q172 YUTEE SKWKR SITTH (RNAV)–STAR	
ATLANTA(PDK)	NUTIY (RNAV)–DP EYOBI CEELY Q172 YUTEE KISTN WRGNZ (RNAV)–STAR	
BED, BVY, LWM	(RNAV 1 – DME/DME/IRU OR GPS)HOLND (RNAV)–DP KALDA Q97 CCC YANTC DREEM (RNAV)–STAR	
BOSTON(BOS)	HOLND (RNAV)–DP KALDA CONFR Q133 JFK ROBUC (RNAV)–STAR	
BWI, MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)NUTIY (RNAV)–DP THHMP RAVNN (RNAV)–STAR	
CHARLESTON(CHS)	SWOPE (RNAV)–DP JOHAR AMYLU AMYLU (RNAV)–STAR	
CHARLOTTE(CLT)	(AOB FL220; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)NUTIY (RNAV)–DP NUTIY COUPN CHSLY (RNAV)–STAR	
CHICAGO(MDW)	NUTIY (RNAV)–DP KELLE MOL GEFFS J149 FWA PANGG (RNAV)–STAR	
CHICAGO(ORD)	NUTIY (RNAV)–DP KELLE MOL GEFFS J149 ROD WATSN (RNAV)–STAR	
CLEVELAND(CLE)	NUTIY (RNAV)–DP KELLE MOL J24 HVQ JANYS ROLLN (RNAV)–STAR	
CLW,MCF,SPG,TPA,TPF,VDF	NUTIY (RNAV)–DP NUTIY JIMAR DEEEZ Q409 PUPYY BAAMF DADES (RNAV)–STAR	
CMH, LCK, OSU, TZR	(RNAV 1–DME/DME/IRU OR GPS)NUTIY (RNAV)–DP KELLE MOL HVQ MCGNS SCRLT (RNAV)–STAR	
COLUMBUS(LCK)	NUTIY (RNAV)–DP KELLE MOL HVQ MCGNS SCRLT (RNAV)–STAR	
COLUMBUS(OSU)	NUTIY (RNAV)–DP KELLE MOL J24 HVQ MCGNS SCRLT (RNAV)–STAR	
CVG, HAO, LUK I69	NUTIY (RNAV)–DP KELLE MOL FAIIR GAVNN (RNAV)–STAR	
DALLAS(DAL)	NUTIY (RNAV)–DP RDU SHPRD AWYAT Q52 CHOPZ THRSR VLKNN Q30 IZAAC PUDJE REDDN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
DALLAS–FORT WORTH(DFW)	(DFW NORTH FLOW)NUTIY (RNAV)–DP RDU SHPRD AWYAT Q52 CHOPZ THRSR VLKNN Q30 IZAAC YUYUN WHINY (RNAV)–STAR or (DFW SOUTH FLOW)NUTIY (RNAV)–DP RDU SHPRD AWYAT Q52 CHOPZ THRSR VLKNN Q30 IZAAC YUYUN BEREE (RNAV)–STAR	
DENVER(DEN)	NUTIY (RNAV)–DP KELLE MOL J24 FLM GBEES Q176 STL J24 OATHE CLASH (RNAV)–STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)NUTIY (RNAV)–DP KELLE MOL TARCI JAMOX BONZZ (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)NUTIY (RNAV)–DP KELLE MOL TARCI JAMOX KLYNK (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)NUTIY (RNAV)–DP NUTIY JIMAR DEEEZ Q409 PUPYY KYYUU LUBBR (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)SWOPE (RNAV)–DP CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)SWOPE (RNAV)–DP ELLDE Q97 PRMUS CUUDA (RNAV)–STAR	
HOUSTON(HOU)	(HOU EAST FLOW)NUTIY (RNAV)–DP RDU SHPRD DEBIE IPTAY CHOPZ THRSR MGMRY CATLN SJI BAYYY (RNAV)–STAR or (HOU WEST FLOW)NUTIY (RNAV)–DP RDU SHPRD DEBIE IPTAY CHOPZ THRSR MGMRY CATLN SJI PUCKS (RNAV)–STAR	
HOUSTON(IAH)	(IAH EAST FLOW)NUTIY (RNAV)–DP RDU SHPRD DEBIE IPTAY CHOPZ THRSR MGMRY CATLN SJI NNCEE (RNAV)–STAR or (IAH WEST FLOW)NUTIY (RNAV)–DP RDU SHPRD DEBIE IPTAY CHOPZ THRSR MGMRY CATLN SJI LINKK (RNAV)–STAR or (IAH EAST FLOW)NUTIY (RNAV)–DP RDU SHPRD DEBIE IPTAY CHOPZ THRSR JAMMR MERDN AEX SKNRD (RNAV)–STAR or (IAH WEST FLOW)NUTIY (RNAV)–DP RDU SHPRD DEBIE IPTAY CHOPZ THRSR JAMMR MERDN AEX DOOBI (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS, TURBOPROPS: RNAV 1–DME/DME/IRU OR GPS)(WATER)SWOPE (RNAV)–DP PRONI WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)NUTIY (RNAV)–DP PBCUP Q85 LPERD SNFLD (RNAV)–STAR	
JACKSONVILLE(JAX)	(JETS)NUTIY (RNAV)–DP NUTIY JIMAR DEEEZ Q409 SESUE ESENT LUNNI (RNAV)–STAR	
MANCHESTER(MHT)	HOLND (RNAV)–DP KALDA CONFR Q133 JFK LLUND SMYTH ROZZE (RNAV)–STAR	
MEMPHIS(MEM)	NUTIY (RNAV)–DP RDU SHPRD VXV BNA BLUZZ (RNAV)–STAR	
MINNEAPOLIS(MSP)	NUTIY (RNAV)–DP KELLE MOL J24 HVQ FWA GIJ KAMMA KKILR (RNAV)–STAR	
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)NUTIY (RNAV)–DP RDU SHPRD EDDDY SWFFT (RNAV)–STAR	
NEW YORK(JFK)	HOLND (RNAV)–DP KALDA Q108 SIE CAMRN–STAR	
NEW YORK(LGA)	NUTIY (RNAV)–DP HYTRA PROUD (RNAV)–STAR	
NEWARK(EWR)	(JETS)NUTIY (RNAV)–DP HYTRA PHLBO (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)NUTIY (RNAV)–DP PBCUP Q85 LPERD GTOUT (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
PHILADELPHIA METRO(ILG,MQS,PHL,PNE,TTN)	(JETS)HOLND (RNAV)–DP KALDA ZJAAY JIIMS (RNAV)–STAR	
PORTLAND(PWM)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)HOLND (RNAV)–DP KALDA CONFR Q133 JFK LLUND EEGOR SCOGS (RNAV)–STAR	
ST PETERSBURG–CLEARWATER(PIE)	NUTIY (RNAV)–DP NUTIY JIMAR DEEEZ Q409 PUPYY BAAMF DADES (RNAV)–STAR	
TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)	(JETS)NUTIY (RNAV)–DP HYTRA JAIKE (RNAV)–STAR	
WASHINGTON(DCA)	(JETS: RNAV 1 – DME/DME/IRU OR GPS)NUTIY (RNAV)–DP THHMP CAPSS (RNAV)–STAR	
WASHINGTON(IAD)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)NUTIY (RNAV)–DP THHMP CAVLR (RNAV)–STAR	
WHITE PLAINS(HPN)	HOLND (RNAV)–DP KALDA Q108 SIE BOUNO–STAR	
OGDENSBURG(OGS)		
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)ART SYR J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)ART SYR J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
ORLANDO(SFB)	ART SYR J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	1100–0300
ST PETERSBURG–CLEARWATER(PIE)	ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
PHILADELPHIA METRO(PHL,PNE)		
MONTREAL(CYUL)	DITCH LUIGI HNNAH LLUND BIZEX Q133 PBERG CARTER (CANADIAN) (RNAV)–STAR	
PHILADELPHIA(PHL)		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 DEBRL CSTAL (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	OOD TEBEE HAYDO TRPOD Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR	
ALB,SCH	DITCH LUIGI HNNAH LLUND TRUDE V487 CANAN.	
ATLANTA(ATL)	STOEN REEFI EMI J48 MOL FLASK OZZZI (RNAV)–STAR	
BOSTON(BOS)	DITCH LUIGI HNNAH Q450 JFK ROBUC (RNAV)–STAR	1100–0300
BUFFALO(BUF)	PTW SARAA RAV TYMAN	
BURLINGTON(BTV)	DITCH LUIGI HNNAH LLUND BIZEX CAM GRNMT	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)STOEN Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHICAGO(MDW)	(RNAV 1–DME/DME/IRU OR GPS)PTW SARAA RAV PSB J60 DJB ASHEN PANGG (RNAV)–STAR	
CHICAGO(ORD)	(RNAV EQUIPPED)PTW SARAA Q62 WATSN WATSN (RNAV)–STAR	
CHS,JZI	OOD TEBEE HAYDO TRPOD Q409 CRPLR DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	1100–0300
CLEVELAND(CLE)	(RNAV TURBOJET)PTW SARAA RAV PSB UPPRR TRYBE (RNAV)–STAR	
CMH, LCK, OSU, TZR	(RNAV 1–DME/DME/IRU OR GPS)MXE PENSY J110 AIR CLPRR (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ.	OOD TEBEE HAYDO TRPOD OUTLA (RNAV)–STAR .. or (RNAV 1 – DME/DME/IRU OR GPS)OOD TEBEE HAYDO TRPOD OUTLA (RNAV)–STAR	
CVG, HAO, LUK I69	(RNAV 1 – DME/DME/IRU OR GPS)MXE PENSY J110 FLIRT J6 COLNS GAVNN (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW NORTH FLOW)MXE PENSY J110 FLIRT J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR .. or (DFW SOUTH FLOW)MXE PENSY J110 FLIRT J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	
DAYTON(DAY)	MXE PENSY J110 AIR APE DANEI–STAR	
DENVER(DEN)	PTW SARAA RAV PSB J60 DJB CPONE JOT J60 IOW DSM OBH BRWRY LAWGR (RNAV)–STAR	
DETROIT SATS(DET,ARB,PTK,YIP,CYQG)	PTW SARAA RAV PSB WWSHR FOREY (RNAV)–STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)MXE PENSY J110 FLIRT BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)–STAR .. or (DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)MXE PENSY J110 FLIRT BRNAN PSYKO KOZAR KLYNK (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)STOEN Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR KOOKI Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR .. or OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 PRMUS CUUDA (RNAV)–STAR	
FORT LAUDERDALE(FLL)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)OOD TEBEE HAYDO SIE B24 LYNUS SILLY Y485 STERN Y493 JENKS MAJIK CUUDA (RNAV)–STAR	
FORT MYERS(FMY)	STOEN Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
FORT MYERS(RSW)	STOEN Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
GREENSBORO(GSO)	STOEN Q75 GVE AIROW HENBY (RNAV)–STAR	
HOT SPRINGS(HSP)	STOEN REEFI EMI J48 MOL	
HOUSTON(HOU)	(TURBOJETS)STOEN REEFI EMI J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR	
HOUSTON(IAH)	(TURBOJETS)(IAH EAST FLOW)STOEN REEFI EMI J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR .. or (TURBOJETS)(IAH WEST FLOW)STOEN REEFI EMI J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	
HYANNIS(HYA)	DITCH T416 JIMEE WAVEY KYSKY Q430 FLAPE MVY	
INDIANAPOLIS(IND)	MXE PENSY J110 FLIRT BRNAN Q42 HIDON RINTE SNKPT (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR .. or (JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(DEEP OCEAN)OOD TEBEE HAYDO SIE B24 LYNUS SILLY Y485 STERN Y493 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)OOD TEBEE HAYDO TRPOD Q409 CRPLR Q85 LPERD SNFLD (RNAV)–STAR	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)OOD TEBEE HAYDO TRPOD Q409 SESUE ESENT LUNNI (RNAV)–STAR	
KANSAS CITY(MCI)	ZIMMZ Q42 MIKYG Q480 AIR J80 SPI EUING RUDDH (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
KEY WEST(EYW)	(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA AR17 HIBAC EBAYY FNTSY (RNAV)–STAR	
	or	
	OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 EBAYY FNTSY (RNAV)–STAR	
KNOXVILLE(TYS)	STOEN REEFI EMI J48 CSN FANPO Q40 ALEAN VXV	
LEWISBURG(LWB)	STOEN REEFI EMI J48 MOL V140 COVEY	
LEXINGTON(LEX)	MXE PENSY J110 LEJOY HVQ	
LOUISVILLE(SDF)	MXE PENSY J110 FLIRT J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
MANCHESTER(MHT)	(NORTH)DITCH LUIGI HNNAH LLUND SMYTH ROZZE (RNAV)–STAR	1100–0300
MARCO ISLAND(MKY)	STOEN Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
MEMPHIS(MEM)	MXE PENSY J110 FLIRT J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)OOD TEBEE HAYDO SIE B24 LYNUS SILLY Y485 STERN Y493 JENKS HOAGG BNFSH (RNAV)–STAR	
MILWAUKEE(MKE)	(RNAV EQUIPPED ONLY)PTW SARAA RAV J64 EWC DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	PTW SARAA RAV PSB J60 DJB J34 VIO KAMMA KKILR (RNAV)–STAR	
MSY,NEW,NBG	(RNAV 1 – DME/DME/IRU OR GPS)STOEN REEFI EMI J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	
MYRTLE BEACH(MYR)	OOD TEBEE HAYDO TRPOD Q409 CRPLR PAACK WYLMS	
NANTUCKET(ACK)	DITCH T416 JIMEE WAVEY KYSKY DEEPO (RNAV)–STAR	
NAPLES(APF)	STOEN Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)MXE PENSY J110 FLIRT J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)OOD TEBEE HAYDO TRPOD Q409 CRPLR Q85 LPERD GTOUT (RNAV)–STAR	
PITTSBURGH(PIT)	MXE PENSY J110 VINSE DEMME (RNAV)–STAR	
PORTLAND(PWM)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)DITCH T416 JIMEE WAVEY SHIPP CCC SCOGS (RNAV)–STAR	
PORTSMOUTH(PSM)	DITCH LUIGI HNNAH LLUND Q22 FOXWD KLANE TTERI REMDG	
PROVIDENCE(PVD)	DITCH T416 JIMEE WAVEY SHLEP ORCHA JORDN JORDN (RNAV)–STAR	
	or	
	DITCH T416 JIMEE WAVEY SHLEP ORCHA JORDN MINNK	
RALEIGH/DURHAM(RDU)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)OOD TEBEE HAYDO TRPOD TAQLE (RNAV)–STAR	
RICHMOND(RIC)	OOD TEBEE HAYDO TRPOD T303 JAMIE	
ROANOKE(ROA)	STOEN REEFI EMI J48 MOL	
ROCHESTER(ROC)	PTW SARAA RAV TYMAN Q227 STUBN GIBBE	
SAN FRANCISCO(SFO)	PTW SARAA RAV J64 FWA WHETT EDENS LMN PWE HLC J80 OAL INYOE DYAMD (RNAV)–STAR	
SAVANNAH(SAV)	(TURBOJETS)OOD TEBEE HAYDO TRPOD Q409 SESUE SOOOP	
ST LOUIS(STL)	MXE PENSY J110 VHP AARCH (RNAV)–STAR	
TAMPA(TPA)	STOEN Q75 TEUFL BAAMF DADES (RNAV)–STAR	
TORONTO(CYYZ)	PTW SARAA RAV PSB WOZEE LINNG (CANADIAN) (RNAV)–STAR	
VINEYARD HAVEN(MVY)	DITCH T416 JIMEE WAVEY KYSKY Q430 FLAPE	
WEST PALM BEACH(DJT)	(DEEP OCEAN)OOD TEBEE HAYDO SIE B24 LYNUS SILLY Y485 STERN Y493 BAHAA DULEE CLMNT (RNAV)–STAR	
WHITE PLAINS(HPN)	DITCH T416 CYN BOUNO–STAR	
WILMINGTON(ILM)	OOD TEBEE HAYDO TRPOD Q409 CRPLR PAACK CHVIS BEULA	
WINDSOR LOCKS(BDL)	(NORTH)DITCH LUIGI HNNAH Q450 DPK DEER PARK–STAR	

Terminals	Route	Effective Times (UTC)
PITTSBURGH(PIT)		
ADW, DAA, DCA	(JET ONLY, RNAV 1 – DME/DME/IRU OR GPS.)MGW BUCKO FRDMM (RNAV)–STAR	
ATLANTA(ATL)	(RNAV ONLY)AHTIY BURGS HVQ HLRRY ONDRE (RNAV)–STAR	
BALTIMORE(BWI)	(RNAV EQUIPPED)KEMAN ANTHM (RNAV)–STAR	
BOSTON(BOS)	EWC WOMBT TOSTR PONCT JFUND (RNAV)–STAR	1100–0300
CHARLESTON(CHS)	CKB COBBE PSK OBNEE OSPRI (RNAV)–STAR	1100–0300
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)AHTIY BURGS HVQ LNDIZ PARQR (RNAV)–STAR	
CHICAGO(MDW)	(RNAV 1–DME/DME/IRU OR GPS)BSV MAYZE ASHEN PANGG (RNAV)–STAR	
CHICAGO(ORD)	(RNAV ONLY)BSV WEEVR Q62 WATSN WATSN (RNAV)–STAR	
FORT LAUDERDALE(FLL)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)CKB COBBE DANCO Q103 SLOJO EFFAY Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	CKB COBBE DANCO Q103 CYNTA SHFTY (RNAV)–STAR	
HPN, DXR	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)TYROO PSB DANZI VALRE (RNAV)–STAR	
INDIANAPOLIS(IND)	DILNE AEROS RINTE SNKPT (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)CKB COBBE DANCO Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
KEY WEST(EYW)	CKB COBBE DANCO Q103 SLOJO Q75 ENEME FNTSY (RNAV)–STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)CKB COBBE DANCO Q103 SLOJO EFFAY Q83 JEVED Q97 DEBRL CSTAL (RNAV)–STAR	
MYRTLE BEACH(MYR)	CKB DBRAH SBV RDU	
NEW YORK(JFK)	(RNAV 1 – DME/DME/IRU OR GPS, 250KTS OR GREATER)EWC WOMBT BFD HOXIE J70 JHW Q476 WLKES PUCKY (RNAV)–STAR	
NEWARK(EWR)	EWC WOMBT TOSTR SLT WILLIAMSPORT–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)CKB COBBE DANCO Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
PHILADELPHIA(PHL)	(RNAV ONLY)JST BOJID (RNAV)–STAR	
SOUTH FLORIDA(FLL,OPF,MIA,07FA,HST,TMB,X51,HWO)	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)CKB COBBE DANCO Q103 SLOJO EFFAY Q83 JEVED Q97 KENLL TARPN (RNAV)–STAR	
TAMPA(TPA)	CKB COBBE DANCO Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WINDSOR LOCKS(BDL)	(RNAV 1 – DME/DME/IRU OR GPS)EWC JHW Q82 MEMMS WILET STELA (RNAV)–STAR	
PLATTSBURGH(PBG)		
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG,OKV,RMN	(AOA FL240; JET & TURBOPROP ACFT:RNAV 1 – DME/DME/IRU OR GPS)DENYU ALB HYPER (RNAV)–STAR	
CLW, MCF, SPG, TPA, TPF, VDF	(JETS , TURBOPROPS ONLY RNAV 1–DME/DME/IRU OR GPS)DENYU PONCT BIZEX Q75 TEUFL BAAMF DADES (RNAV)–STAR	
FA54, LAL, PGD, SRQ, VNC	(JETS , TURBOPROPS ONLY RNAV 1–DME/DME/IRU OR GPS)DENYU PONCT BIZEX Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FLL, OPF	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)DENYU PONCT BIZEX Q75 GSO Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR or (JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)(WATER)DENYU PONCT Q437 CRPLR KOOKI Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR .	
ISM MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)DENYU PONCT BIZEX Q75 GSO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
ISM, LEE, MCO, ORL, SFB	(JETS, TURBOPROPS: RNAV 1–DME/DME/IRU OR GPS)(WATER)DENYU PONCT Q437 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
MYRTLE BEACH(MYR)	DENYU PONCT Q437 CRPLR PAACK WYLMS	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)DENYU PONCT BIZEX Q75 GSO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
ORLANDO(SFB)	DENYU PONCT PWL BIZEX Q75 GSO Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	
PHILADELPHIA(PHL)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)DENYU ALB DNY SPUDS (RNAV)–STAR	
ST PETERSBURG–CLEARWATER(PIE)	DENYU PONCT PWL BIZEX Q75 TEUFL BAAMF DADES (RNAV)–STAR	
PORTLAND(PWM)		
05C, IGQ, 3HO, GYY, MDW	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER CAM Q822 GONZZ Q29 DORET DJB ASHEN PANGG (RNAV)–STAR	
06FA,BCT,F45,DJT	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(WATER)RBELA (RNAV)–DP CCC Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP CCC Q97 KENLL CPTAN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(WATER)RBELA (RNAV)–DP CCC Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR or (JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP CCC Q97 DEBRL CSTAL (RNAV)–STAR	
APF, FMY, MKY, RSW	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
BKL, CGF, CLE, LNN	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER CAM Q822 GONZZ HANKK THOME TRYBE (RNAV)–STAR	
BWI,MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	
CHARLOTTE(CLT)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHICAGO(ORD)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER CAM Q822 FNT WYNDE (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP BAF HYPER (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(AOB FL220; NON–JET AIRCRAFT: RNAV 1 – DME/DME/IRU OR GPS.)CAM ALB HNK LYKOM PRTZL (RNAV)–STAR	
CLW, MCF, PIE, SPG, TPA, TPF, VDF	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	
COVINGTON(CVG)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER CAM Q822 GONZZ JOSSY MAULL KODIE SAVVI TIGRR (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(DFW NORTH FLOW)RBELA (RNAV)–DP BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR or (JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(DFW SOUTH FLOW)RBELA (RNAV)–DP BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	
DENVER(DEN)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER HANAA Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
DETROIT(DTW)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)(DTW SOUTH FLOW)HSKEL (RNAV)–DP BAUER CAM Q822 GONZZ DONEO TPGUN (RNAV)–STAR or (JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)(DTW NORTH FLOW)HSKEL (RNAV)–DP BAUER CAM Q822 GONZZ DONEO CUUGR (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP NELIE Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
HPN, DXR	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER RIVVR VALRE (RNAV)–STAR .	
ILG, MQS, PHL, PNE, TTN	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP CCC MANTA Q439 BRIGS JIIMS (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(WATER)RBELA (RNAV)–DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(MCO LANDING NORTH)RBELA (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR or (JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(MCO LANDING NORTH)RBELA (RNAV)–DP NELIE BIZEX Q75 GSO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
MEMPHIS(MEM)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)RBELA (RNAV)–DP BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	
MINNEAPOLIS(MSP)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER HANAA Q816 KELTI Q812 ZOHAN IDIOM MUSCL (RNAV)–STAR	
NEW YORK(JFK)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP JJIMY PVD PARCH (RNAV)–STAR	
NEW YORK(LGA)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER CAM ALB VADDR (RNAV)–STAR	
NEWARK(EWR)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER HANAA FLOSI (RNAV)–STAR .	
ORLANDO(MCO)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(MCO LANDING SOUTH)RBELA (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR or (JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(MCO LANDING SOUTH)RBELA (RNAV)–DP NELIE BIZEX Q75 GSO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
PITTSBURGH(PIT)	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)HSKEL (RNAV)–DP BAUER CAM ALB J49 HNK SLT HAYNZ (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP CCC TOPRR Q167 ZJAAY TAQLE (RNAV)–STAR	
WASHINGTON(DCA)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RBELA (RNAV)–DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	
PORTSMOUTH(PSM)		
05C, IGQ, 3HO, GYY, MDW	(RNAV 1–DME/DME/IRU OR GPS)CON CAM Q822 GONZZ Q29 DORET DJB ASHEN PANGG (RNAV)–STAR	
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)WEEZE SCUPP FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR or (JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)(WATER)WEEZE SCUPP FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE, DJT, PMP	(JETS ONLY, RNAV 1–DME/DME/IRU OR GPS)WEEZE SCUPP FOXBO RIFLE HEADI Q97 KENLL CPTAN (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	WEEZE SCUPP FOXBO RIFLE HEADI Q97 KENLL CPTAN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	CON CAM ALB BIZEX Q75 GSO Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	
CAMP SPRINGS(ADW)	CON CAM PONCT BIZEX Q75 MXE V378 BAL	1100–0300
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)CON CAM ALB BIZEX Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)WEEZE SCUPP FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
MCF,PIE,TPA,VDF	CON CAM ALB BIZEX Q75 TEUFL BAAMF DADES (RNAV)–STAR	
MYRTLE BEACH(MYR)	WEEZE SCUPP FOXBO RIFLE HEADI Q97 PAACK WYLMS	
RALEIGH/DURHAM(RDU)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)WEEZE SCUPP FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	
PROVIDENCE(PVD)		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	JUMPR RIFLE HEADI Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)JUMPR RIFLE HEADI Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	JUMPR RIFLE HEADI Q97 DEBRL CSTAL (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	JUMPR RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD TTHOR (RNAV)–STAR	1100–0300
APF, FMY, MKY, RSW	(JETS , TURBOPROPS ONLY RNAV 1–DME/DME/IRU OR GPS)PUT NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
ATLANTA(ATL)	(RNAV ONLY)PUT BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	
BELMAR/FARMINGDALE(BLM)	(RNAV 1–DME/DME/IRU OR GPS)JUMPR RIFLE Q439 MANTA T438 DIXIE	
BWI,MTN	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)JUMPR RIFLE Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	
CAMP SPRINGS(ADW)	(RNAV 1–DME/DME/IRU OR GPS)JUMPR RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)PUT NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHICAGO(MDW)	(RNAV 1–DME/DME/IRU OR GPS)PUT CTR CAM Q822 GONZZ Q29 JHW DJB ASHEN PANGG (RNAV)–STAR	1100–0300
CHICAGO(ORD)	(TURBOJETS: DME/DME/IRU OR GNSS REQUIRED)PUT CTR CAM Q822 FNT WYNDE (RNAV)–STAR	1100–0300
CHS,JZI	(TURBOJETS)JUMPR RIFLE HEADI Q97 SAWED DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG,OKV,RMN	(AOB FL220; NON–JET AIRCRAFT: RNAV 1 – DME/DME/IRU OR GPS)PUT BAF SAGES LAAYK MIP SEG PRTZL (RNAV)–STAR or (AOA FL240; JET & TURBOPROP ACFT:RNAV 1 – DME/DME/IRU OR GPS)PUT BAF HYPER (RNAV)–STAR	
COVINGTON(CVG)	(ALL OTHERS)PUT CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(RNAV 1 – DME/DME/IRU OR GPS)JUMPR RIFLE Q167 TBONN OUTLA (RNAV)–STAR	
DENVER(DEN)	PUT CTR CAM ARNII Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)–STAR	
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)PUT CTR CAM Q822 GONZZ COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)PUT CTR CAM Q822 GONZZ COLTS OKLND (RNAV)–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)PUT CTR CAM Q822 GONZZ DONEO CUUGR (RNAV)–STAR	
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)PUT CTR CAM Q822 GONZZ DONEO TPGUN (RNAV)–STAR	1100–0300
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)PUT NELIE Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FLL,OPF	JUMPR RIFLE HEADI Q97 PRMUS CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	PUT NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	1100–0300
FORT WAYNE(FWA)	(RNAV 1–DME/DME/IRU OR GPS)PUT CTR CAM Q822 GONZZ Q29 DORET DJB	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
	or	
	(JETS ONLY)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)JUMPR RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)JUMPR RIFLE HEADI Q97 SAWED GUILD Q409 SESUE ESENT LUNNI (RNAV)–STAR	
JVY, LOU, SDF	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)PUT BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	
LGA, DXR, HPN	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR LESS)PUT BAF NOBBI (RNAV)–STAR	
MEMPHIS(MEM)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)PUT BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	
MINNEAPOLIS(MSP)	(TURBOJETS)PUT CTR CAM ARNII Q816 KELTI Q812 ZOHAN IDIOM MUSCL (RNAV)–STAR	1000–0300
MONTREAL(CYHU)	PUT CTR CAM BEEHS PLUMS OWLHD VOGIV KEBGO VOBOK	
MYRTLE BEACH(MYR)	JUMPR RIFLE HEADI Q97 PAACK WYLMS	
NEW YORK(LGA)	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)PUT NELIE VADDR (RNAV)–STAR	
NEWARK(EWR)	PUT NELIE FLOSI (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)JUMPR RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
PHILADELPHIA(PHL)	JUMPR RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	1100–0300
PITTSBURGH(PIT)	PUT CTR HNK KONJE SLT HAYNZ (RNAV)–STAR	1100–0300
RALEIGH/DURHAM(RDU)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)JUMPR RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	
RICHMOND(RIC)	JUMPR RIFLE Q167 ZJAAY ARICE JAMIE	
ST LOUIS(STL)	(RNAV ONLY)PUT BAF Q480 AIR J110 VHP AARCH (RNAV)–STAR	1100–0300
ST PETERSBURG–CLEARWATER(PIE)	PUT NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
TAMPA(TPA)	PUT NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
VERO BEACH(VRB)	(RNAV 1–DME/DME/IRU OR GPS)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC	
	or	
	(RNAV 1–DME/DME/IRU OR GPS)JUMPR RIFLE HEADI Q97 MALET	
WASHINGTON(DCA)	(TURBOJET)JUMPR RIFLE Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	1100–0300
WILMINGTON(ILM)	JUMPR RIFLE HEADI Q97 PAACK CHVIS BEULA	

Terminals	Route	Effective Times (UTC)
RICHMOND(RIC)		
BED, BVY, LWM	(RNAV 1 – DME/DME/IRU OR GPS)LUCYL (RNAV)–DP LUCYL HYTRA GRACO BROSS Q419 DPK DREEM (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)HOUKY MAZON KOHLS Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)HOUKY MAZON KOHLS SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
47N, CDW, LDJ, MMU, SMQ, TEB	LUCYL (RNAV)–DP LUCYL HYTRA JAIKE (RNAV)–STAR	
ALBEMARLE(VUJ)	KALLI (RNAV)–DP READE AIROW NASCR (RNAV)–STAR	
ATLANTA(ATL)	KALLI (RNAV)–DP READE LYH FLASK OZZZI (RNAV)–STAR	
BAF, BDL, CEF	LUCYL (RNAV)–DP LUCYL HYTRA GRACO BROSS Q419 DPK DEER PARK–STAR	
BOSTON(BOS)	LUCYL (RNAV)–DP LUCYL HYTRA GRACO BROSS Q419 JFK ROBUC (RNAV)–STAR	
CHARLOTTE(CLT)	(AOB FL300; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)KALLI (RNAV)–DP READE AIROW CHSLY (RNAV)–STAR	
CHICAGO(MDW)	KALLI (RNAV)–DP READE MOL GEFFS J149 FWA PANGG (RNAV)–STAR	
CHICAGO(ORD)	KALLI (RNAV)–DP READE MOL GEFFS J149 ROD WATSN (RNAV)–STAR	
CLEVELAND(CLE)	KALLI (RNAV)–DP READE MOL J24 HVQ JANYS ROLLN (RNAV)–STAR	
CMH, LCK, OSU, TZR	(RNAV 1–DME/DME/IRU OR GPS)KALLI (RNAV)–DP READE MOL HVQ MCGNS SCRLT (RNAV)–STAR	
COLUMBUS(LCK)	KALLI (RNAV)–DP READE MOL J24 HVQ MCGNS SCRLT (RNAV)–STAR	
COLUMBUS(OSU)	KALLI (RNAV)–DP READE MOL J24 HVQ MCGNS SCRLT (RNAV)–STAR	
CONCORD(JQF)	KALLI (RNAV)–DP READE AIROW NASCR (RNAV)–STAR	
CVG, HAO, LUK, I69	(RNAV 1 – DME/DME/IRU OR GPS)KALLI (RNAV)–DP READE MOL FAIIR GAVNN (RNAV)–STAR	
DALLAS(DAL)	KALLI (RNAV)–DP SANNY COLZI Q52 CHOPZ THRSR VLKNN Q30 IZAAC PUDJE REDDN (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW SOUTH FLOW)KALLI (RNAV)–DP SANNY COLZI Q52 CHOPZ THRSR VLKNN Q30 IZAAC YUYUN BEREE (RNAV)–STAR or (DFW NORTH FLOW)KALLI (RNAV)–DP SANNY COLZI Q52 CHOPZ THRSR VLKNN Q30 IZAAC YUYUN WHINY (RNAV)–STAR	
DENVER(DEN)	KALLI (RNAV)–DP READE MOL J24 FLM GBEES Q176 STL J24 OATHE CLASH (RNAV)–STAR	
DETROIT(DTW)	(DTW SOUTH FLOW)KALLI (RNAV)–DP READE MOL J24 TARCI JAMOX BONZZ (RNAV)–STAR or (DTW NORTH FLOW)KALLI (RNAV)–DP READE MOL J24 TARCI JAMOX KLYNK (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)KALLI (RNAV)–DP DRAIK Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)HOUKY MAZON KOHLS Q97 PRMUS CUUDA (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)HOUKY MAZON KOHLS CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	KALLI (RNAV)–DP DRAIK Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
GREENSBORO(GSO)	KALLI (RNAV)–DP READE AIROW HENBY (RNAV)–STAR	
HICKORY(HKY)	KALLI (RNAV)–DP READE AIROW T414 BONZE	
HOUSTON(HOU)	KALLI (RNAV)–DP READE LYH PSK ALEAN Q40 AEX WAPPL (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
HOUSTON(IAH)	(IAH WEST FLOW)KALLI (RNAV)–DP READE LYH PSK ALEAN Q40 AEX DOOBI (RNAV)–STAR or (IAH EAST FLOW)KALLI (RNAV)–DP READE LYH PSK ALEAN Q40 AEX SKNRD (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS, TURBOPROPS: RNAV 1–DME/DME/IRU OR GPS)(WATER)HOUKY MAZON KOHLS PRONI WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS ONLY)(WATER)HOUKY MAZON KOHLS PRONI WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)KALLI (RNAV)–DP DRAIK Q75 GSO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
LEXINGTON(EXX)	KALLI (RNAV)–DP READE AIROW T414 HENBY BZM	
MANCHESTER(MHT)	LUCYL (RNAV)–DP LUCYL HYTRA GRACO BROSS Q419 RBV Q22 LLUND SMYTH ROZZE (RNAV)–STAR	
MEMPHIS(MEM)	KALLI (RNAV)–DP READE AIROW DANCO VXV BNA BLUZZ (RNAV)–STAR	
MIAMI(MIA)	HOUKY MAZON KOHLS Q97 DEBRL CSTAL (RNAV)–STAR	
MINNEAPOLIS(MSP)	KALLI (RNAV)–DP READE MOL J24 HVQ FWA GIJ KAMMA KKILR (RNAV)–STAR	
MQS,PHL,PNE,TTN	LUCYL (RNAV)–DP LUCYL HYTRA PAATS (RNAV)–STAR	
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)KALLI (RNAV)–DP READE AIROW DANCO EDDDY SWFFT (RNAV)–STAR	
NEW YORK(JFK)	(90–170; JETS, 250 KNOTS OR GREATER)LUCYL (RNAV)–DP LUCYL SHLBK T315 PANZE V44 CAMRN	
NEW YORK(LGA)	LUCYL (RNAV)–DP LUCYL HYTRA PROUD (RNAV)–STAR	
NEWARK(EWR)	LUCYL (RNAV)–DP LUCYL HYTRA PHLBO (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)KALLI (RNAV)–DP DRAIK Q75 GSO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
ORLANDO(SFB)	KALLI (RNAV)–DP DRAIK Q75 GSO Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	
PITTSBURGH(PIT)	KALLI (RNAV)–DP READE MOL J24 BIGAL EWESS RICCS LEJOY DEMME (RNAV)–STAR	
PORTLAND(PWM)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)LUCYL (RNAV)–DP LUCYL HYTRA GRACO BROSS Q419 RBV Q22 LLUND EEGOR SCOGS (RNAV)–STAR	
PROVIDENCE(PVD)	LUCYL (RNAV)–DP LUCYL HYTRA GRACO BROSS Q419 RBV Q430 CREEL ORCHA JORDN JORDN (RNAV)–STAR	
SALISBURY(RUQ)	KALLI (RNAV)–DP READE AIROW NASCR (RNAV)–STAR	
ST PETERSBURG–CLEARWATER(PIE)	KALLI (RNAV)–DP DRAIK Q75 TEUFL BAAMF DADES (RNAV)–STAR	
STATESVILLE(SVH)	KALLI (RNAV)–DP READE AIROW T414 BONZE	
TAMPA(TPA)	KALLI (RNAV)–DP DRAIK Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WHITE PLAINS(HPN)	LUCYL (RNAV)–DP LUCYL HYTRA GRACO NACYN BESSI CYN BOUNO–STAR	
WINSTON SALEM(INT)	KALLI (RNAV)–DP READE AIROW HENBY (RNAV)–STAR	
ROANOKE(ROA)		
CHARLOTTE(CLT)	(AOB FL220; JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)AIROW CHSLY (RNAV)–STAR	
CHICAGO(ORD)	GEFFS J149 ROD WATSN (RNAV)–STAR	
CMH, LCK, OSU, TZR	(RNAV 1–DME/DME/IRU OR GPS)HVQ MCGNS SCRLT (RNAV)–STAR	
COLUMBUS(LCK)	HVQ MCGNS SCRLT (RNAV)–STAR	
COLUMBUS(OSU)	HVQ MCGNS SCRLT (RNAV)–STAR	
DETROIT(DTW)	(DME/DMME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)SITTR JAMOX BONZZ (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)SITTR JAMOX KLYNK (RNAV)–STAR	
MQS,PHL,PNE,TTN	LYH BBDOL PAATS (RNAV)–STAR	
MQS,PHL,PNE,TTN	(JETS ONLY , RNAV 1 – DME/DME/IRU OR GPS)DEWET AIROW BBDOL PAATS (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
NEW YORK(LGA)	GVE PROUD (RNAV)–STAR	
ROCHESTER(ROC)		
BALTIMORE(BWI)	(TURBOJETS)BURST DDUBS IZZEE TRISH (RNAV)–STAR	
BOSTON(BOS)	BEEPS PONCT JFUND (RNAV)–STAR	1100–0300
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)BURST HVQ LNDIZ PARQR (RNAV)–STAR	
CHS, JZI	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS)GEE BURST RICCS Q103 DANCO OBNEE OSPRI (RNAV)–STAR	
CLEVELAND(CLE)	GEE BURST THOME TRYBE (RNAV)–STAR	
DETROIT(DTW)	(DTW SOUTH FLOW)GEE DONEO TOPGN (RNAV)–STAR or (DTW NORTH FLOW)GEE DONEO CUUGR (RNAV)–STAR	
FORT LAUDERDALE(FLL)	GEE BURST EMNEM Q103 SLOJO EFFAY Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	GEE BURST EMNEM Q103 CYNTA SHFTY (RNAV)–STAR	
FRG, JFK	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)BEEPS MEMMS PUCKY (RNAV)–STAR .	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)GEE BURST EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
NEW YORK(LGA)	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)AUDIL RAHKS VADDR (RNAV)–STAR	
NEWARK(EWR)	(DME/DME/IRU OR GNSS REQUIRED)BEEPS Q140 KODEY HNK FLOSI (RNAV)–STAR	1100–0300
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)GEE BURST EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
TAMPA(TPA)	GEE BURST EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WASHINGTON(DCA)	(RNAV ONLY)GEE ETG PSB SKILS (RNAV)–STAR	
WEST PALM BEACH(DJT)	GEE BURST EMNEM Q103 SLOJO EFFAY Q83 JEVED Q97 KENLL CPTAN (RNAV)–STAR	
ROCKLAND(RKD)		
HPN, DXR	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)BAUER RIVVR VALRE (RNAV)–STAR	
SALISBURY(SBY)		
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)OUTLA COUPN CHSLY (RNAV)–STAR	
STATE COLLEGE(UNV)		
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)PSB ERI SAYCH FERRL (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)PSB ERI SAYCH WNGNT (RNAV)–STAR	
SYRACUSE(SYR)		
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)PTAKI STUBN PSB Q71 GEFFS HVQ LNDIZ PARQR (RNAV)–STAR	
CHICAGO(ORD)	DINES HOZIR DERLO KITOK TANKO FNT WYNDE (RNAV)–STAR	
COVINGTON(CVG)	(DME/DME/IRU OR GPS REQUIRED)DINES MAULL KODIE SAVVI TIGRR (RNAV)–STAR	
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)BUF COLTS OKLND (RNAV)–STAR	1100–0300
FORT LAUDERDALE(FLL)	PTAKI STUBN PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	PTAKI STUBN PSB Q71 EMNEM Q103 CYNTA SHFTY (RNAV)–STAR	
FRG, JFK	(RNAV1–DME/DME/IRU OR GPS, 250KTS OR GREATER)ARRKK PUCKY (RNAV)–STAR	
HPN, DXR	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)SYR RAHKS DANZI VALRE (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
HPN, DXR, LGA	(RNAV ONLY, PROPS/TURBOPROPS, 250 KTS OR LESS)SYR RAHKS DANZI NOBBI (RNAV)–STAR.... or (RNAV1–DME/DME/IRU,PROP/TURBOPROP,250 KTS OR LESS)SYR RAHKS DANZI NOBBI (RNAV)–STAR....	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)PTAKI STUBN PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
NEW YORK(LGA)	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)SYR RAHKS VADDR (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)PTAKI STUBN PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
TAMPA(TPA)	PTAKI STUBN PSB Q71 EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WEST PALM BEACH(DJT)	PTAKI STUBN PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 JEVED Q97 KENLL CPTAN (RNAV)–STAR	
TETERBORO (TEB, MMU, CDW)		
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)ELVAE COL WHITE Q409 CRPLR PAACK Q97 KENLL TARPN (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	ELVAE COL WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR	
CHS,JZI	ELVAE COL WHITE Q409 CRPLR DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	
CVG, HAO, I69	(RNAV 1 – DME/DME/IRU OR GPS)PARKE J6 COLNS GAVNN (RNAV)–STAR	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)ELVAE COL WHITE Q409 SESUE ESENT LUNNI (RNAV)–STAR	
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTER (CANADIAN) (RNAV)–STAR	
SAVANNAH(SAV)	(JETS)ELVAE COL WHITE Q409 SESUE SOOOP	
YOUNGSTOWN/WARREN(YNG)	NEWEL J60 PSB	
TETERBORO (TEB, MMU,CDW)		
COF,COI,ISM,MCO,MLB,TIX,TTS,XMR	ELVAE COL WHITE Q409 CRPLR Q85 LPERD OMN BITHO–STAR	
KEY WEST(EYW)	(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA AR17 HIBAC EBAYY FNTSY (RNAV)–STAR or ELVAE COL WHITE Q409 CRPLR PAACK Q97 EBAYY FNTSY (RNAV)–STAR	
MYRTLE BEACH(MYR)	ELVAE COL WHITE Q409 CRPLR PAACK WYLMS	
NASSAU(MYNN)	(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 WEAKK CARPX Y307 HANKX	
NORFOLK(ORF)	(RNAV 1 – DME/DME/IRU OR GPS)ELVAE COL WHITE Q409 TRPOD OUTLA (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	(AOB FL260; JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)ELVAE COL WHITE Q409 VILLS NALES Q141 HOUKY TAQLE (RNAV)–STAR	
RICHMOND(RIC)	ELVAE COL WHITE Q409 TRPOD T303 JAMIE	
TAMPA(TPA)	(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA HIBAC DADES (RNAV)–STAR	
TETERBORO (TEB,MMU,CDW)		
CHS,JZI	(JETS – RNAV1 DME/DME/IRU OR GPS)PARKE J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	ELVAE COL WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR	
TETERBORO(TEB)		
AUBURN/LEWISTON(LEW)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM CON	1100–0300
AUGUSTA(AUG)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM CON or (FL250 AND ABOVE)MERIT HFD PUT BOS MESHL..	1100–0300
AUSTIN(AUS)	PARKE HYPER J6 HVQ Q68 YOCKY LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
BANGOR(BGR)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100–0300
	or	
	(FL250 AND ABOVE)BREZY V39 CMK MERIT HFD PUT BOS	1100–0300
BAR HARBOR(BHB)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100–0300
	or	
	(FL250 AND ABOVE)BREZY V39 CMK MERIT HFD PUT BOS	1100–0300
BARRE/MONTPELIER(MPV)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100–0300
BURLINGTON(BTV)	(FL190 AND ABOVE; JETS ONLY)BREZY V39 CMK GREKI JUDDS CAM GRNMT	
CONCORD(CON)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100–0300
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)GAYEL Q818 WOZEE COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS OKLND (RNAV)–STAR	1100–0300
KEENE(EEN)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100–0300
LACONIA(LCI)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
LAKE PLACID(LKP)	(FL190 AND ABOVE; JETS ONLY)BREZY V39 CMK GREKI JUDDS CAM	1100–0300
LEBANON(LEB)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100–0300
MANCHESTER(MHT)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
	or	
	(FL190 AND ABOVE; PROPS ONLY)GREKI JUDDS MARTN KEYNN POPPP	1100–0300
MONTREAL(CYHU)	BREZY V39 CMK GREKI JUDDS CAM BEEHS PLUMS OWLHD VOGIV KEBGO VOBOK	
MONTREAL(CYUL)	(AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)BREZY V39 CMK GREKI JUDDS CAM JASDU PBERG CARTER (CANADIAN) (RNAV)–STAR	
NANTUCKET(ACK)	(FL180–FL230 ONLY; JETS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
NASHUA(ASH)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM KEYNN MANCH	1100–0300
PORTLAND(PWM)	(FL180 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG	
ROCKLAND(RKD)	(FL250 AND ABOVE)BREZY V39 CMK MERIT HFD PUT BOS	1100–0300
	or	
	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM CON	1100–0300
RUTLAND(RUT)	(FL190 AND ABOVE)GREKI V419 JUDDS CAM	1100–0300
WATERVILLE(WVL)	(FL250 AND ABOVE)BREZY V39 CMK MERIT HFD PUT BOS	1100–0300
	or	
	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100–0300
TETERBORO(TEB,MMU,CDW)		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	ELVAE COL WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)ELVAE COL WHITE Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
	or	
	ELVAE COL WHITE Q409 CRPLR PAACK Q97 DEBRL CSTAL (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
APF,FMY,MKY,RSW	(JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)–STAR	
BALTIMORE(BWI)	BIGGY Q75 MXE V378 NUGGY TRISH (RNAV)–STAR	
FLL,OPF	(JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR KOOKI Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR or ELVAE COL WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)–STAR	
FORT LAUDERDALE(FLL)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 JENKS HOAGG BNFSH (RNAV)–STAR	
WASHINGTON(DCA)	BIGGY Q75 MXE CLIPR (RNAV)–STAR	
WEST PALM BEACH(DJT)	(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)–STAR	
TORONTO(CYYZ)		
ATLANTA(ATL)	(JET ACFT ONLY)BETES (CANADIAN) (RNAV)–DP FOXEE Q145 HVQ HLRRY ONDRE (RNAV)–STAR	
BOSTON(BOS)	(JET ACFT ONLY)KEPTA (CANADIAN) (RNAV)–DP BMPAH AEVON HANKK PONCT JFUND (RNAV)–STAR	
COVINGTON(CVG)	(DME/DME/IRU OR GPS REQUIRED)MIXUT (CANADIAN) (RNAV)–DP GNTRY UKATS TIGRR (RNAV)–STAR	
FA54,LAL,PGD,SRQ,VNC	(JET & TURBOPROP ONLY, RNAV 1 – DME/DME/IRU OR GPS)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FORT LAUDERDALE(FLL)	BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO EFFAY Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	(JETS/TURBOPROPS ONLY)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 CYNTA SHFTY (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
JACKSONVILLE(JAX)	BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO EFFAY Q83 WURFL ESENT LUNNI (RNAV)–STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO EFFAY Q83 JEVED Q97 DEBRL CSTAL (RNAV)–STAR	
NEW YORK(LGA)	(RNAV1–DME/DME/IRU OR GPS, 250 KTS OR GREATER)KEPTA (CANADIAN) (RNAV)–DP BMPAH AEVON AUDIL RAHKS VADDR (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
SAN FRANCISCO(SFO)	(JET ACFT ONLY)GOPUP (CANADIAN) (RNAV)–DP HOCKE BAE J16 MCW J148 OAL INYOE DYAMD (RNAV)–STAR	
SAVANNAH(SAV)	BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO CANTR PLZZZ	
TAMPA(TPA)	(JETS/TURBOPROPS ONLY)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WEST PALM BEACH(DJT)	(TURBOJETS ONLY)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO EFFAY Q83 JEVED Q97 KENLL CPTAN (RNAV)–STAR	
TRENTON(TTN)		
CHS,JZI	OOD TEBEE HAYDO TRPOD Q409 CRPLR DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
VINEYARD HAVEN(MVY)		
05C, IGQ, 3HO, GYY, MDW	(RNAV 1–DME/DME/IRU OR GPS)LFV CELTS MANCH CAM Q822 GONZZ Q29 DORET DJB ASHEN PANGG (RNAV)–STAR	
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)BUZRD Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	BUZRD Q167 RIFLE HEADI Q97 KENLL CPTAN (RNAV)–STAR	
MORRISTOWN(MMU)	(AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE	
NEW YORK(JFK)	(AOB FL220; TURBOJETS ONLY)SEY PARCH (RNAV)–STAR	
TETERBORO(TEB)	(AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE	
WHITE PLAINS(HPN)	(120–220 INCL; RNAV1 – DME/DME/IRU OR GPS, 250 KTS OR GREATER)MVY V146 PUT NELIE VALRE (RNAV)–STAR	TO HPN, DXR
WASHINGTON(DCA)		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)AMEEE (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	(TURBOJETS)AMEEE (RNAV)–DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)AMEEE (RNAV)–DP SCOOB PAACK Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(TURBOJETS)AMEEE (RNAV)–DP SCOOB PAACK Q97 DEBRL CSTAL (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)AMEEE (RNAV)–DP SCOOB EARZZ SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
47N,CDW,LDJ,MMU,SMQ,TEB	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN JAIKE (RNAV)–STAR	
AKRON(CAK)	HORTO (RNAV)–DP JERES J211 JST SOORD ZZIPS (RNAV)–STAR	
ALB,SCH	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND TRUDE V487 CANAN	
ASHEVILLE(AVL)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 FEEDS SUG	1100–0400
ATLANTA(ATL)	(TURBOJETS)CLTCH (RNAV)–DP FLASK OZZZI (RNAV)–STAR	1100–0300
ATLANTA(FTY)	CLTCH (RNAV)–DP FLASK VIEWS DEHAN (RNAV)–STAR	
ATLANTA(PDK)	CLTCH (RNAV)–DP FLASK VIEWS DEHAN (RNAV)–STAR	
AUGUSTA(AGS)	JDUBB (RNAV)–DP RRSIN GSO STWRT–STAR	
AUSTIN(AUS)	CLTCH (RNAV)–DP MAULS Q40 ALEAN VXV SQS SWEUP LUKKN WLEEE (RNAV)–STAR	
BANGOR(BGR)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q22 FOXWD BOS	
BATON ROUGE(BTR)	CLTCH (RNAV)–DP MAULS Q40 NIOLA MCB	
BED, BVY, LWM	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 DPK DREEM (RNAV)–STAR	
BIRMINGHAM(BHM)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 NIOLA DIODE	1100–0300
BOCA RATON(BCT)	AMEEE (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR or AMEEE (RNAV)–DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)–STAR	
BOSTON(BOS)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 JFK ROBUC (RNAV)–STAR	
BRIDGEPORT(BDR)	DOCTR (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
BUFFALO(BUF)	(TURBOJETS)HORTO (RNAV)–DP JERES Q221 DLMAR BENEE	1100–0300

Terminals	Route	Effective Times (UTC)
BURLINGTON(BTV)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND BIZEX CAM GRNMT	
CHATTANOOGA(CHA)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 ALEAN VXV	1100–0300
CHICAGO(MDW)	(TURBOJETS)WYNGS (RNAV)–DP RAMAY Q72 HACKS J149 FWA PANGG (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS)WYNGS (RNAV)–DP RAMAY Q72 HACKS J149 ROD WATSN (RNAV)–STAR	
CHS,JZI	(TURBOJETS)AMEEE (RNAV)–DP SCOOB DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	
CLEVELAND(BKL)	HORTO (RNAV)–DP JERES J211 JST UPPRR TRYBE (RNAV)–STAR	
CLEVELAND(CGF)	HORTO (RNAV)–DP JERES J211 JST UPPRR TRYBE (RNAV)–STAR	
CLEVELAND(CLE)	(TURBOJETS)HORTO (RNAV)–DP JERES J211 JST UPPRR TRYBE (RNAV)–STAR	
CMH, LCK, OSU, TZR	(JETS ONLY: RNAV 1–DME/DME/IRU OR GPS)WYNGS (RNAV)–DP RAMAY Q72 HACKS SCRLT (RNAV)–STAR	
COLORADO SPRINGS(COS)	REBLL (RNAV)–DP OTTTO Q176 STL J24 MCI J80 GLD OZZZY (RNAV)–STAR	
COLUMBIA(CAE)	JDUBB (RNAV)–DP RRSIN GSO	
COLUMBUS(LCK)	WYNGS (RNAV)–DP RAMAY Q72 HACKS SCRLT (RNAV)–STAR	
COLUMBUS(OSU)	WYNGS (RNAV)–DP RAMAY Q72 HACKS SCRLT (RNAV)–STAR	
CONCORD(CON)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND PONCT KEYNN	
CVG, HAO, LUK I69	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)REBLL (RNAV)–DP OTTTO COLNS GAVNN (RNAV)–STAR	
CVG, HAO, LUK I69	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)REBLL (RNAV)–DP OTTTO COLNS GAVNN (RNAV)–STAR	
DALLAS(DAL)	REBLL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR DIRRK HIBIL (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW NORTH FLOW)REBLL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW BRDJE (RNAV)–STAR or (DFW SOUTH FLOW)REBLL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW SEEVR (RNAV)–STAR	
DAYTON(DAY)	(TURBOJETS)WYNGS (RNAV)–DP RAMAY Q72 HACKS APE DANEI–STAR	
DAYTONA BEACH(DAB)	AMEEE (RNAV)–DP SCOOB MOXXY Q85 LPERD TTHOR (RNAV)–STAR	
DENVER(DEN)	REBLL (RNAV)–DP OTTTO Q176 STL J24 OATHE CLASH (RNAV)–STAR	
DES MOINES(DSM)	HORTO (RNAV)–DP BUFFR Q178 DJB CPONE JOT J60 IOW J10 DSM	
DETROIT SATS(DET,ARB,PTK,YIP,CYQG)	(TURBOJETS: DME/DME/IRU OR GPS REQUIRED)HORTO (RNAV)–DP BUFFR Q178 KOZAR FOREY (RNAV)–STAR	
DETROIT(DTW)	(DTW SOUTH FLOW)HORTO (RNAV)–DP BUFFR Q178 KOZAR BONZZ (RNAV)–STAR or (DTW NORTH FLOW)HORTO (RNAV)–DP BUFFR Q178 KOZAR KLYNK (RNAV)–STAR	
DXR, HPN	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)DOCTR (RNAV)–DP AGARD DONIL MAEVE EEGOR (RNAV)–STAR	
EAST HAMPTON(JPX)	DOCTR (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
ELMIRA/CORNING(ELM)	HORTO (RNAV)–DP JERES Q227 STUBN	
FA54,LAL,PGD,SRQ,VNC	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)JDUBB (RNAV)–DP RRSIN GSO Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FARMINGDALE(FRG)	DOCTR (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)AMEEE (RNAV)–DP SCOOB PAACK Q97 PRMUS CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)AMEEE (RNAV)–DP SCOOB EARZZ CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
FORT LAUDERDALE(FXE)	AMEEE (RNAV)–DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)–STAR	
	or	
	AMEEE (RNAV)–DP SCOOB EARZZ CHIEZ Y291 MAJIK WAMBI CPTAN (RNAV)–STAR	
FORT MYERS(RSW)	JDUBB (RNAV)–DP RRSIN GSO Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
GRAND RAPIDS(GRR)	HORTO (RNAV)–DP BUFFR Q178 DJB J34 ALPHE	
GREEN BAY(GRB)	HORTO (RNAV)–DP BUFFR Q178 DJB	
GREENSBORO(GSO)	SCRAM (RNAV)–DP GLANC AIROW HENBY (RNAV)–STAR	
GREENVILLE(GMU)	SCRAM (RNAV)–DP GLANC FUBLL JUNNR (RNAV)–STAR	
GREER(GSP)	SCRAM (RNAV)–DP GLANC FUBLL JUNNR (RNAV)–STAR	
GROTON (NEW LONDON)(GON)	DOCTR (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
HARTFORD(HFD)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 DPK MAD T303 HFD	
HOUSTON(HOU)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 AEX WAPPL (RNAV)–STAR	1100–0300
HOUSTON(IAH)	(TURBOJETS)(IAH WEST FLOW)CLTCH (RNAV)–DP MAULS Q40 AEX DOOBI (RNAV)–STAR	1100–0300
	or	
	(TURBOJETS)(IAH EAST FLOW)CLTCH (RNAV)–DP MAULS Q40 AEX SKNRD (RNAV)–STAR	1100–0300
HUNTSVILLE(HSV)	CLTCH (RNAV)–DP MAULS Q40 ALEAN VXV RQZ	
HYANNIS(HYA)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q430 FLAPE MVY	
INDIANAPOLIS(IND)	(TURBOJETS)WYNGS (RNAV)–DP RAMAY Q72 HACKS PLASH SNKPT (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)AMEEE (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)AMEEE (RNAV)–DP SCOOB MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
ITHACA(ITH)	HORTO (RNAV)–DP JERES Q227 STUBN	
JACKSON(JAN)	CLTCH (RNAV)–DP MAULS Q40 NIOLA VLKNN MERDN	
JACKSONVILLE(JAX)	(TURBOJETS)AMEEE (RNAV)–DP SCOOB GUILD Q409 SESUE ESENT LUNNI (RNAV)–STAR	
KANSAS CITY(MCI)	(RNAV TURBOJET/TURBOPROP)REBLL (RNAV)–DP OTTTO Q176 STL EUING RUDDH (RNAV)–STAR	
KEY WEST(EYW)	AMEEE (RNAV)–DP SCOOB PAACK Q97 EBAYY FNTSY (RNAV)–STAR	
	or	
	(WATER)AMEEE (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 BAHAA AR17 HIBAC EBAYY FNTSY (RNAV)–STAR	
KNOXVILLE(TYS)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 ALEAN VXV	1100–0300
LANSING(LAN)	HORTO (RNAV)–DP BUFFR Q178 DJB J34 CRL	
LAS VEGAS(LAS)	REBLL (RNAV)–DP OTTTO Q176 BUM J110 RSK J64 TBC SQIRE RKSTR (RNAV)–STAR	
LEXINGTON(LEX)	REBLL (RNAV)–DP OTTTO Q176 HNN	
LITTLE ROCK(LIT)	REBLL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR	
LOS ANGELES(LAX)	REBLL (RNAV)–DP OTTTO Q176 CIM J96 DRK J231 HIPPI GABBL HLYWD (RNAV)–STAR	
LOUISVILLE(SDF)	REBLL (RNAV)–DP OTTTO Q68 YOCKY LEDDL (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
MACON(MCN)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SCRAM (RNAV)–DP GLANC COLZI	
MADISON(MSN)	HORTO (RNAV)–DP BUFFR Q178 DJB J34 BAE	
MANCHESTER(MHT)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND SMYTH ROZZE (RNAV)–STAR	
MEMPHIS(MEM)	(TURBOJETS)REBLL (RNAV)–DP OTTTO Q80 FAREV RAMRD BLUZZ (RNAV)–STAR	1100–0300
MIAMI(OPF)	AMEEE (RNAV)–DP SCOOB PAACK Q97 PRMUS CUUDA (RNAV)–STAR or AMEEE (RNAV)–DP SCOOB EARZZ CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
MIAMI(TMB)	AMEEE (RNAV)–DP SCOOB PAACK Q97 DEBRL CSTAL (RNAV)–STAR or (WATER)AMEEE (RNAV)–DP SCOOB EARZZ SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
MILWAUKEE(MKE)	(TURBOJETS)HORTO (RNAV)–DP BUFFR Q178 DJB J34 CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)HORTO (RNAV)–DP BUFFR Q178 DJB J34 VIO KAMMA KKILR (RNAV)–STAR	
MOBILE(MOB)	SCRAM (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY SJI	
MONTGOMERY(MGM)	SCRAM (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY	
MONTREAL(CYUL)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND BIZEX Q133 PBERG CARTER (CANADIAN) (RNAV)–STAR	
MSY,NEW,NBG	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS)CLTCH (RNAV)–DP MAULS Q40 NIOLA MERDN TRSSH (RNAV)–STAR	
MYRTLE BEACH(MYR)	AMEEE (RNAV)–DP SCOOB PAACK WYLMS	
NANTUCKET(ACK)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q430 KYSKY DEEPO (RNAV)–STAR	
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)REBLL (RNAV)–DP OTTTO Q80 DEWAK CUTRR PASLY (RNAV)–STAR	
NEW HAVEN(HVN)	DOCTR (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
NEW YORK(ISP)	DOCTR (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
NEW YORK(LGA)	(TURBOJETS)DOCTR (RNAV)–DP AGARD SPEAK PROUD (RNAV)–STAR	1100–0400
NEW YORK(SWF)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 DPK TRESA (RNAV)–STAR	
NEWARK(EWR)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN PHLBO (RNAV)–STAR	
NIAGARA FALLS(IAG)	HORTO (RNAV)–DP JERES Q221 DLMAR WOZEE	
OGDENSBURG(OGS)	HORTO (RNAV)–DP JERES Q227 STUBN SYR ART	
OKLAHOMA CITY(OKC)	REBLL (RNAV)–DP OTTTO Q68 HVQ J78 FAM SGF DRLER MURAH (RNAV)–STAR	
OMAHA(OMA)	WYNGS (RNAV)–DP RAMAY Q72 HACKS J149 EMPTY J80 SPI IRK LMN MARWI–STAR	
ORLANDO(ISM)	AMEEE (RNAV)–DP SCOOB MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)AMEEE (RNAV)–DP SCOOB MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
ORLANDO(ORL)	AMEEE (RNAV)–DP SCOOB MOXXY Q85 LPERD TTHOR (RNAV)–STAR	
ORLANDO(SFB)	AMEEE (RNAV)–DP SCOOB MOXXY Q85 LPERD TTHOR (RNAV)–STAR	
OTTAWA(CYOW)	HORTO (RNAV)–DP JERES Q227 STUBN SYR ART DEANS (CANADIAN) (RNAV)–STAR	
OXFORD(OXC)	DOCTR (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
PANAMA CITY(ECP)	SCRAM (RNAV)–DP GLANC COLZI Q52 CHOPZ THRSR RSVLT EUF RRS	
PENSACOLA(PNS)	(JETS ONLY , RNAV 1 – DME/DME/IRU OR GPS)SCRAM (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY CEW PENSI	
PHOENIX(PHX)	REBLL (RNAV)–DP OTTTO Q176 TOTOE FTI BUKKO ZUN EAGUL (RNAV)–STAR	
PITTSBURGH(PIT)	(TURBOJETS)HORTO (RNAV)–DP BUFFR Q178 LEJOY DEMME (RNAV)–STAR	
PORTLAND(PDX)	(JETS: RNAV 1 – DME/DME/IRU OR GPS)HORTO (RNAV)–DP BUFFR Q178 DJB J34 BIL PDT JKNOX HHOOD (RNAV)–STAR	
PORTLAND(PWM)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND EEGOR SCOGS (RNAV)–STAR	
POUGHKEEPSIE(POU)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 DPK TRESA (RNAV)–STAR	
PROVIDENCE(PVD)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q430 CREEL ORCHA JORDN JORDN (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	(AOB FL220; JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)AMEEE (RNAV)–DP COLIN TAPPA HOUKY TAQLE (RNAV)–STAR or (AOB FL260)JDUBB (RNAV)–DP MELTN ALDAN (RNAV)–STAR	
ROCHESTER(ROC)	(TURBOJETS)HORTO (RNAV)–DP JERES Q227 STUBN GIBBE	1100–0300
SACRAMENTO(SMF)	REBLL (RNAV)–DP OTTTO Q176 BUM J110 ALS DVC ILC CRASY SLMMR (RNAV)–STAR	
SALT LAKE CITY(SLC)	REBLL (RNAV)–DP OTTTO Q176 STL J24 MCI J80 FQF J116 EKR RACER JAZZZ (RNAV)–STAR	
SAN ANTONIO(SAT)	CLTCH (RNAV)–DP MAULS Q40 AEX CAAGE QERVO (RNAV)–STAR	
SAN DIEGO(SAN)	REBLL (RNAV)–DP OTTTO Q176 CIM J96 PKE LUCKI (RNAV)–STAR	
SAN FRANCISCO(SFO)	REBLL (RNAV)–DP OTTTO Q176 STL J110 GCK J28 MLF J80 OAL INYOE DYAMD (RNAV)–STAR	
SAN JOSE(SJC)	REBLL (RNAV)–DP OTTTO Q176 STL J110 GCK J28 MLF J80 ILC KNGRY RAZRR (RNAV)–STAR	
SARANAC LAKE(SLK)	HORTO (RNAV)–DP JERES Q227 STENT CFB LAMMS	
SAVANNAH(SAV)	AMEEE (RNAV)–DP SCOOB GUILD Q409 SESUE SOOOP	
SEATTLE(SEA)	HORTO (RNAV)–DP BUFFR Q178 DJB J34 RWF J90 MLS LWT MLP GLASR–STAR	
SPARTANBURG(SPA)	SCRAM (RNAV)–DP GLANC FUBLL JUNNR (RNAV)–STAR	
SPRINGFIELD/CHICOPEE(CEF)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 DPK DEER PARK–STAR	
ST LOUIS(STL)	REBLL (RNAV)–DP OTTTO Q176 BICKS PXV BOOSH (RNAV)–STAR	
SYRACUSE(SYR)	(TURBOJETS)HORTO (RNAV)–DP JERES Q227 STENT CFB T335 CORTA	
TALLAHASSEE(TLH)	SCRAM (RNAV)–DP GLANC COLZI IRQ PZD SZW	
TAMPA(TPA)	JDUBB (RNAV)–DP RRSIN GSO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
TOLEDO(TOL)	HORTO (RNAV)–DP JERES J211 JST EWC	
TORONTO(CYYZ)	HORTO (RNAV)–DP JERES Q221 DLMAR WOZEE LINNG (CANADIAN) (RNAV)–STAR	
TRAVERSE CITY(TVC)	HORTO (RNAV)–DP BUFFR Q178 DJB	
TULSA(TUL)	REBLL (RNAV)–DP OTTTO Q68 HVQ J78 FAM J98 SGF VINTA–STAR	
VALPARAISO/DESTIN–FT WALTON BEACH(VPS)	SCRAM (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY CEW	
VINEYARD HAVEN(MVY)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 RBV Q430 FLAPE	
WESTFIELD/SPRINGFIELD(BAF)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 DPK DEER PARK–STAR	
WESTHAMPTON BEACH(FOK)	DOCTR (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
WHITE PLAINS(HPN)	(AT OR ABOVE FL180; JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 NACYN CYN BOUNO–STAR	
WICHITA(ICT)	REBLL (RNAV)–DP OTTTO Q176 BUM CASSO	
WILKES–BARRE/SCRANTON(AVP)	HORTO (RNAV)–DP JERES Q221 MICAH SEG T212 LVZ	
WILMINGTON(ILM)	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS)AMEEE (RNAV)–DP SCOOB PAACK CHVIS BEULA	
WINDSOR LOCKS(BDL)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SOOKI (RNAV)–DP SWANN BROSS Q419 DPK DEER PARK–STAR	
WINSTON SALEM(INT)	SCRAM (RNAV)–DP GLANC AIROW HENBY (RNAV)–STAR	
WASHINGTON(IAD)		
06FA,BCT,F45,DJT	(PART 121 ONLY, JETS ONLY)(WATER)JCOBY (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	(PART 121 ONLY)JCOBY (RNAV)–DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(PART 121 ONLY)JCOBY (RNAV)–DP SCOOB PAACK Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(PART 121 ONLY)JCOBY (RNAV)–DP SCOOB PAACK Q97 DEBRL CSTAL (RNAV)–STAR or (PRT121 ONLY JETS ONLY EXC EA50 ESOP SF50 C510 C525)(WATER)JCOBY (RNAV)–DP SCOOB EARZZ SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
47N,CDW,LDJ,MMU,SMQ,TEB	WOOLY (RNAV)–DP SWANN JAIKE (RNAV)–STAR	
AKRON(CAK)	JERES (RNAV)–DP JERES J211 JST SOORD ZZIPS (RNAV)–STAR	
ALB,SCH	(TURBOJETS PART 121 AND 129 ONLY)JCOBY (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND TRUDE V487 CANAN	1100–0400
ASHEVILLE(AVL)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 FEEDS SUG	1100–0400
ATLANTA(ATL)	(TURBOJETS)CLTCH (RNAV)–DP FLASK OZZZI (RNAV)–STAR	
ATLANTA(FTY)	CLTCH (RNAV)–DP FLASK VIEWS DEHAN (RNAV)–STAR	
ATLANTA(PDK)	CLTCH (RNAV)–DP FLASK VIEWS DEHAN (RNAV)–STAR	
AUGUSTA(AGS)	JDUBB (RNAV)–DP RRSIN GSO STWRT–STAR	
AUSTIN(AUS)	CLTCH (RNAV)–DP MAULS Q40 ALEAN VXV SQS SWEUP LUKKN WLEEE (RNAV)–STAR	
BANGOR(BGR)	(PART 121 AND 129 ONLY)WOOLY (RNAV)–DP SWANN BROSS Q419 RBV Q22 FOXWD BOS	
BATON ROUGE(BTR)	CLTCH (RNAV)–DP MAULS Q40 NIOLA MCB	
BED, BVY, LWM	(RNAV 1 – DME/DME/IRU OR GPS)WOOLY (RNAV)–DP SWANN BROSS Q419 DPK DREEM (RNAV)–STAR	
BIRMINGHAM(BHM)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 NIOLA DIODE	1100–0300
BOCA RATON(BCT)	JDUBB (RNAV)–DP RRSIN GSO Q83 JEVED Q97 KENLL CPTAN (RNAV)–STAR	
BOSTON(BOS)	(TURBOJETS PART 121 AND 129 ONLY)JCOBY (RNAV)–DP SWANN BROSS Q419 JFK ROBUC (RNAV)–STAR	1100–0400
BRIDGEPORT(BDR)	WOOLY (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
BUFFALO(BUF)	JERES (RNAV)–DP JERES Q221 DLMAR BENEE	1100–0300
BURLINGTON(BTV)	(JETS ONLY , RNAV 1 – DME/DME/IRU OR GPS)WOOLY (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND BIZEX CAM GRNMT or (PART 121 & 129 JETS , RNAV 1 – DME/DME/IRU OR GPS)JCOBY (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND BIZEX CAM GRNMT	
CHARLESTON(CHS)	(JETS ONLY)JDUBB (RNAV)–DP RRSIN GSO OBNEE OSPRI (RNAV)–STAR	
CHATTANOOGA(CHA)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 ALEAN VXV	1100–0300
CHICAGO(MDW)	(TURBOJETS)BUNZZ (RNAV)–DP RAMAY Q72 HACKS J149 FWA PANGG (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
CHICAGO(ORD)	(TURBOJETS)BUNZZ (RNAV)–DP RAMAY Q72 HACKS J149 ROD WATSN (RNAV)–STAR	
CHS,JZI	(PART 121 ONLY)JCOBY (RNAV)–DP SCOOB DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	
CLEVELAND(BKL)	JERES (RNAV)–DP JERES J211 JST UPPRR TRYBE (RNAV)–STAR	
CLEVELAND(CGF)	JERES (RNAV)–DP JERES J211 JST UPPRR TRYBE (RNAV)–STAR	
CLEVELAND(CLE)	(RNAV TURBOJET)JERES (RNAV)–DP JERES J211 JST UPPRR TRYBE (RNAV)–STAR	
CMH, LCK, OSU, TZR	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)BUNZZ (RNAV)–DP RAMEY Q72 HACKS SCRLT (RNAV)–STAR	
COLORADO SPRINGS(COS)	RNLDI (RNAV)–DP OTTTO Q176 STL J24 MCI J80 GLD OZZZY (RNAV)–STAR	
COLUMBIA(CAE)	JDUBB (RNAV)–DP RRSIN GSO	
COLUMBUS(LCK)	BUNZZ (RNAV)–DP RAMAY Q72 HACKS SCRLT (RNAV)–STAR	
COLUMBUS(OSU)	BUNZZ (RNAV)–DP RAMAY Q72 HACKS SCRLT (RNAV)–STAR	
CVG, HAO, LUK I69	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RNLDI (RNAV)–DP OTTTO COLNS GAVNN (RNAV)–STAR	
CVG, HAO, LUK I69	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)RNLDI (RNAV)–DP OTTTO COLNS GAVNN (RNAV)–STAR	
DALLAS(DAL)	RNLDI (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR DIRRK HIBIL (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW SOUTH FLOW)RNLDI (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (DFW NORTH FLOW)RNLDI (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
DAYTON(DAY)	BUNZZ (RNAV)–DP RAMAY Q72 HACKS APE DANEI–STAR	1100–0400
DAYTONA BEACH(DAB)	JCOBY (RNAV)–DP SCOOB MOXXY Q85 LPERD TTHOR (RNAV)–STAR or JDUBB (RNAV)–DP RRSIN GSO Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	
DENVER(DEN)	RNLDI (RNAV)–DP OTTTO Q176 STL J24 OATHE CLASH (RNAV)–STAR	
DES MOINES(DSM)	MCRAY (RNAV)–DP MCRAY Q178 DJB CPONE JOT J60 IOW J10 DSM	
DETROIT SATS(DET,ARB,PTK,YIP,CYQG)	(TURBOJETS: DME/DME/IRU OR GPS REQUIRED)MCRAY (RNAV)–DP MCRAY Q178 KOZAR FOREY (RNAV)–STAR	
DETROIT(DTW)	(DTW NORTH FLOW)MCRAY (RNAV)–DP MCRAY Q178 KOZAR KLYNK (RNAV)–STAR or (DTW SOUTH FLOW)MCRAY (RNAV)–DP MCRAY Q178 KOZAR BONZZ (RNAV)–STAR	
DXR, HPN	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)WOOLY (RNAV)–DP AGARD DONIL MAEVE EEGOR (RNAV)–STAR	
EAST HAMPTON(JPX)	WOOLY (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
ELMIRA/CORNING(ELM)	JERES (RNAV)–DP JERES Q227 STUBN	
FA54,LAL,PGD,SRQ,VNC	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)JDUBB (RNAV)–DP RRSIN GSO Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
FARMINGDALE(FRG)	WOOLY (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
FLL,OPF	(PART 121 ONLY, JETS ONLY EXC EA50 E50P SF50 C510 C)JCOBY (RNAV)–DP SCOOB PAACK Q97 PRMUS CUUDA (RNAV)–STAR or (PRT121 ONLY JETS ONLY EXC EA50 E50P SF50 C510 C525)(WATER)JCOBY (RNAV)–DP SCOOB EARZZ CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
FORT LAUDERDALE(FXE)	JDUBB (RNAV)–DP RRSIN GSO Q83 JEVED Q97 KENLL CPTAN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
FORT MYERS(RSW)	JDUBB (RNAV)–DP RRSIN GSO Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
GRAND RAPIDS(GRR)	MCRAY (RNAV)–DP MCRAY Q178 DJB J34 ALPHE .	
GREEN BAY(GRB)	MCRAY (RNAV)–DP MCRAY Q178 DJB	
GREENSBORO(GSO)	SCRAM (RNAV)–DP GLANC AIROW HENBY (RNAV)–STAR	
GREENVILLE(GMU)	SCRAM (RNAV)–DP GLANC FUBLL JUNNR (RNAV)–STAR	
GREER(GSP)	SCRAM (RNAV)–DP GLANC FUBLL JUNNR (RNAV)–STAR	1100–0300
GROTON (NEW LONDON)(GON)	WOOLY (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
HARTFORD(HFD)	WOOLY (RNAV)–DP SWANN BROSS Q419 DPK MAD T303 HFD	
HILTON HEAD ISLAND(HXD)	(PART 121 ONLY)JCOBY (RNAV)–DP SCOOB GUILD Q409 SESUE SOOOP or (JETS ONLY)JDUBB (RNAV)–DP RRSIN GSO CTF CANTR PLZZZ	
HOUSTON(HOU)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 AEX WAPPL (RNAV)–STAR	1100–0300
HOUSTON(IAH)	(TURBOJETS)(IAH WEST FLOW)CLTCH (RNAV)–DP MAULS Q40 AEX DOOBI (RNAV)–STAR or (TURBOJETS)(IAH EAST FLOW)CLTCH (RNAV)–DP MAULS Q40 AEX SKNRD (RNAV)–STAR	1100–0300 1100–0300
HUNTSVILLE(HSV)	CLTCH (RNAV)–DP MAULS Q40 ALEAN VXV RQZ	
HYANNIS(HYA)	WOOLY (RNAV)–DP SWANN BROSS Q419 RBV Q430 FLAPE MVY	
INDIANAPOLIS(IND)	(TURBOJETS)BUNZZ (RNAV)–DP RAMAY Q72 HACKS PLASH SNKPT (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(PART 121 JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(WATER)JCOBY (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(PART 121 JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(MCO LANDING NORTH)JCOBY (RNAV)–DP SCOOB MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
ITHACA(ITH)	JERES (RNAV)–DP JERES Q227 STUBN	
JACKSON(JAN)	CLTCH (RNAV)–DP MAULS Q40 NIOLA VLKNN MERDN	
JACKSONVILLE(JAX)	(PART 121 ONLY)JCOBY (RNAV)–DP SCOOB GUILD Q409 SESUE ESENT LUNNI (RNAV)–STAR	
KANSAS CITY(MCI)	(RNAV TURBOJET/TURBOPROP)RNLDI (RNAV)–DP OTTTO Q176 STL EUING RUDDH (RNAV)–STAR	
KEY WEST(EYW)	(WATER)JCOBY (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 BAHAA AR17 HIBAC EBAYY FNTSY (RNAV)–STAR or JCOBY (RNAV)–DP SCOOB PAACK Q97 EBAYY FNTSY (RNAV)–STAR	
KNOXVILLE(TYS)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 ALEAN VXV	1100–0300
LANSING(LAN)	MCRAY (RNAV)–DP MCRAY Q178 DJB J34 CRL	
LAS VEGAS(LAS)	RNLDI (RNAV)–DP OTTTO Q176 BUM J110 RSK J64 TBC SQIRE RKSTR (RNAV)–STAR	
LEXINGTON(LEX)	RNLDI (RNAV)–DP OTTTO Q176 HNN	
LITTLE ROCK(LIT)	RNLDI (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR	
LOS ANGELES(LAX)	RNLDI (RNAV)–DP OTTTO Q176 CIM J96 DRK J231 HIPPI GABBL HLYWD (RNAV)–STAR	
LOUISVILLE(SDF)	RNLDI (RNAV)–DP OTTTO Q68 YOCKY LEDDL (RNAV)–STAR	
MACON(MCN)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)SCRAM (RNAV)–DP GLANC COLZI	
MADISON(MSN)	MCRAY (RNAV)–DP MCRAY Q178 DJB J34 BAE	
MANCHESTER(MHT)	(PART 121 AND 129 ONLY)JCOBY (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND SMYTH ROZZE (RNAV)–STAR	
MEMPHIS(MEM)	(TURBOJETS)RNLDI (RNAV)–DP OTTTO Q80 FAREV RAMRD BLUZZ (RNAV)–STAR	
MIAMI(OPF)	JDUBB (RNAV)–DP RRSIN GSO Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
MIAMI(TMB)	JDUBB (RNAV)–DP RRSIN GSO Q83 JEVED Q97 DEBRL CSTAL (RNAV)–STAR	
MILWAUKEE(MKE)	(TURBOJETS)MCRAY (RNAV)–DP MCRAY Q178 DJB J34 CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJET)MCRAY (RNAV)–DP MCRAY Q178 DJB J34 VIO KAMMA KKILR (RNAV)–STAR	
MOBILE(MOB)	SCRAM (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY SJI	
MONTGOMERY(MGM)	SCRAM (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY	
MONTREAL(CYUL)	JERES (RNAV)–DP JERES Q227 STUBN SYR ART IMPACT (CANADIAN)–STAR	
	or	
	(PART 121 AND 129 ONLY)JCOBY (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND BIZEX Q133 PBERG CARTER (CANADIAN) (RNAV)–STAR	
MSY,NEW,NBG	(JETS ONLY: RNAV 1 – DME/DME/IRU OR GPS)CLTCH (RNAV)–DP MAULS Q40 NIOLA MERDN TRSSH (RNAV)–STAR	
MYRTLE BEACH(MYR)	(PART 121 JETS ONLY , RNAV 1 – DME/DME/IRU OR GPS)JCOBY (RNAV)–DP SCOOB PAACK WYLMS	
NANTUCKET(ACK)	WOOLY (RNAV)–DP SWANN BROSS Q419 RBV Q430 KYSKY DEEPO (RNAV)–STAR	
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)RNLDI (RNAV)–DP OTTTO Q80 DEWAK CUTRR PASLY (RNAV)–STAR	
NEW HAVEN(HVN)	WOOLY (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
NEW YORK(ISP)	WOOLY (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
NEW YORK(SWF)	(RNAV 1 – DME/DME/IRU OR GPS)WOOLY (RNAV)–DP SWANN BROSS Q419 DPK TRESA (RNAV)–STAR.	
NEWARK(EWR)	(TURBOJETS, PART 121 AND 129 ONLY)JCOBY (RNAV)–DP SWANN PHLBO (RNAV)–STAR	
NIAGARA FALLS(IAG)	JERES (RNAV)–DP JERES Q221 DLMAR WOZEE	
OGDENSBURG(OGS)	JERES (RNAV)–DP JERES Q227 STUBN SYR ART	
OKLAHOMA CITY(OKC)	RNLDI (RNAV)–DP OTTTO Q68 HVQ J78 FAM SGF DRLER MURAH (RNAV)–STAR	
OMAHA(OMA)	BUNZZ (RNAV)–DP RAMAY Q72 HACKS J149 EMPTY J80 SPI IRK LMN MARWI–STAR	
ORLANDO(ISM)	JDUBB (RNAV)–DP RRSIN GSO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
ORLANDO(MCO)	(PART 121 JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)(MCO LANDING SOUTH)JCOBY (RNAV)–DP SCOOB MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
ORLANDO(ORL)	JDUBB (RNAV)–DP RRSIN GSO Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	
ORLANDO(SFB)	JCOBY (RNAV)–DP SCOOB MOXXY Q85 LPERD TTHOR (RNAV)–STAR	
	or	
	JDUBB (RNAV)–DP RRSIN GSO Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	
OTTAWA(CYOW)	JERES (RNAV)–DP JERES Q227 STUBN SYR ART DEANS (CANADIAN) (RNAV)–STAR	
OXFORD(OXC)	WOOLY (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
PANAMA CITY(ECP)	SCRAM (RNAV)–DP GLANC COLZI Q52 CHOPZ THRSR RSVLT EUF RRS	
PHOENIX(PHX)	RNLDI (RNAV)–DP OTTTO Q176 TOTOE FTI BUKKO ZUN EAGUL (RNAV)–STAR	
PITTSBURGH(PIT)	(TURBOJETS)MCRAY (RNAV)–DP MCRAY Q178 LEJOY DEMME (RNAV)–STAR	
PLATTSBURGH(PBG)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)WOOLY (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND BIZEX CAM GRNMT	
PORTLAND(PDX)	(JETS: RNAV 1 – DME/DME/IRU OR GPS)MCRAY (RNAV)–DP MCRAY Q178 DJB J34 BIL PDT JKNOX HHOOD (RNAV)–STAR	
PORTLAND(PWM)	(PT 121&129 ONLY. RNAV 1–DME/DME/IRU OR GPS)JCOBY (RNAV)–DP SWANN BROSS Q419 RBV Q22 LLUND EEGOR SCOGS (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
PORTSMOUTH(PSM)	WOOLY (RNAV)–DP SWANN BROSS Q419 RBV Q22 FOXWD KLANE TTERI REMDG	
POUGHKEEPSIE(POU)	(RNAV 1 – DME/DME/IRU OR GPS)WOOLY (RNAV)–DP SWANN BROSS Q419 DPK TRESA (RNAV)–STAR	
PROVIDENCE(PVD)	JCOBY (RNAV)–DP SWANN BROSS Q419 RBV Q430 CREEL ORCHA JORDN JORDN (RNAV)–STAR	
RALEIGH/DURHAM(RDU)	(AOB FL220)JDUBB (RNAV)–DP MELTN ALDAN (RNAV)–STAR or (AOB FL220; PART 121 JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)JCOBY (RNAV)–DP COLIN TAPPA HOUKY TAQLE (RNAV)–STAR	
ROCHESTER(ROC)	(TURBOJETS)JERES (RNAV)–DP JERES Q227 STUBN GIBBE	
SACRAMENTO(SMF)	RNLDI (RNAV)–DP OTTTO Q176 BUM J110 ALS DVC ILC CRASY SLMMR (RNAV)–STAR	
SALT LAKE CITY(SLC)	RNLDI (RNAV)–DP OTTTO Q176 STL J24 MCI J80 FQF J116 EKR RACER JAZZZ (RNAV)–STAR	
SAN ANTONIO(SAT)	CLTCH (RNAV)–DP MAULS Q40 AEX CAAGE QERVO (RNAV)–STAR	
SAN DIEGO(SAN)	RNLDI (RNAV)–DP OTTTO Q176 CIM J96 PKE LUCKI (RNAV)–STAR	
SAN FRANCISCO(SFO)	RNLDI (RNAV)–DP OTTTO Q176 STL J110 GCK J28 MLF J80 OAL INYOE DYAMD (RNAV)–STAR	
SAN JOSE(SJC)	RNLDI (RNAV)–DP OTTTO Q176 STL J110 GCK J28 MLF J80 ILC KNGRY RAZRR (RNAV)–STAR	
SARANAC LAKE(SLK)	JERES (RNAV)–DP JERES Q227 STENT CFB LAMMS	
SAVANNAH(SAV)	(PART 121 ONLY)JCOBY (RNAV)–DP SCOOB GUILD Q409 SESUE SOOOP or (JETS ONLY)JDUBB (RNAV)–DP RRSIN GSO CTF CANTR PLZZZ	
SEATTLE(SEA)	MCRAY (RNAV)–DP MCRAY Q178 DJB J34 RWF J90 MLS LWT MLP GLASR–STAR	
SPARTANBURG(SPA)	SCRAM (RNAV)–DP GLANC FUBLL JUNNR (RNAV)–STAR	
SPRINGFIELD/CHICOPEE(CEF)	WOOLY (RNAV)–DP SWANN BROSS Q419 DPK DEER PARK–STAR	
ST LOUIS(STL)	RNLDI (RNAV)–DP OTTTO Q176 BICKS PXV BOOSH (RNAV)–STAR	
SYRACUSE(SYR)	(TURBOJETS)JERES (RNAV)–DP JERES Q227 STENT CFB T335 CORTA	
TALLAHASSEE(TLH)	SCRAM (RNAV)–DP GLANC COLZI IRQ PZD SZW	
TAMPA(TPA)	JDUBB (RNAV)–DP RRSIN GSO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
TOLEDO(TOL)	JERES (RNAV)–DP JERES J211 JST EWC	
TORONTO(CYYZ)	JERES (RNAV)–DP JERES Q221 DLMAR WOZEE LINNG (CANADIAN) (RNAV)–STAR	
TRAVERSE CITY(TVC)	MCRAY (RNAV)–DP MCRAY Q178 DJB	
TULSA(TUL)	RNLDI (RNAV)–DP OTTTO Q68 HVQ J78 FAM J98 SGF VINTA–STAR	
VALPARAISO/DESTIN–FT WALTON BEACH(VPS)	SCRAM (RNAV)–DP GLANC COLZI Q52 CHOPZ MGMRY CEW	
VINEYARD HAVEN(MVY)	WOOLY (RNAV)–DP SWANN BROSS Q419 RBV Q430 FLAPE	
WESTFIELD/SPRINGFIELD(BAF)	WOOLY (RNAV)–DP SWANN BROSS Q419 DPK DEER PARK–STAR	
WESTHAMPTON BEACH(FOK)	WOOLY (RNAV)–DP AGARD DONIL MAEVE SARDI (RNAV)–STAR	
WHITE PLAINS(HPN)	WOOLY (RNAV)–DP SWANN BROSS Q419 NACYN CYN BOUNO–STAR or (AT OR ABOVE FL180; PART 121 AND 129 ONLY)JCOBY (RNAV)–DP SWANN BROSS Q419 NACYN CYN BOUNO–STAR	 1100–0400
WICHITA(ICT)	RNLDI (RNAV)–DP OTTTO Q176 BUM CASSO	
WILKES–BARRE/SCRANTON(AVP)	JERES (RNAV)–DP JERES Q221 MICAH SEG T212 LVZ	
WILMINGTON(ILM)	JDUBB (RNAV)–DP MELTN SBV RDU FAY V296 ILM or (PART 121 JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS)JCOBY (RNAV)–DP SCOOB PAACK CHVIS BEULA	

Terminals	Route	Effective Times (UTC)
WINDSOR LOCKS(BDL)	WOOLY (RNAV)–DP SWANN BROSS Q419 DPK DEER PARK–STAR	
	or	
	(TURBOJETS PART 121 AND 129 ONLY)JCOBY (RNAV)–DP SWANN BROSS Q419 DPK DEER PARK–STAR	1100–0400
WINSTON SALEM(INT)	SCRAM (RNAV)–DP GLANC AIROW HENBY (RNAV)–STAR	
WHITE PLAINS(HPN)		
06FA,BCT,F45,DJT	(JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,DJT,PMP	WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)–STAR	
	or	
	(WATER)WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)–STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)WHITE Q409 CRPLR PAACK Q97 KENLL TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	WHITE Q409 CRPLR PAACK Q97 DEBRL CSTAL (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)WHITE Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR	
APF,FMY,MKY,RSW	(JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)–STAR	
ATLANTA(ATL)	(RNAV ONLY)LANNA J48 MOL FLASK OZZZI (RNAV)–STAR	
AUBURN/LEWISTON(LEW)	(FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300
AUGUSTA(AUG)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
	or	
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
BALTIMORE(BWI)	BIGGY Q75 MXE V378 NUGGY TRISH (RNAV)–STAR	
BANGOR(BGR)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
	or	
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
BAR HARBOR(BHB)	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
	or	
	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
BINGHAMTON(BGM)	(JETS)NEION Q232 CORDS CFB	
BOSTON(BOS)	(DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)–STAR	1100–0300
BRISTOL/JOHNSON/KINGSPORT(TRI)	LANNA J48 CSN FANPO Q40 ALEAN	
BUFFALO(BUF)	NEION Q232 STUBN BENEE	
	or	
	(TURBOPROPS)GAYEL Q818 CFB T458 STUBN BENEE	
BURLINGTON(BTV)	GREKI V419 JUDDS CAM GRNMT	
	or	
	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM GRNMT	
CHARLESTON(CRW)	PARKE J6 HVQ	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)BIGGY Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHICAGO(MDW)	(RNAV 1–DME/DME/IRU OR GPS)NEWEL J60 DJB ASHEN PANGG (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS – RNAV 1)COATE Q436 KAYYS WYNDE (RNAV)–STAR	
CHS,JZI	WHITE Q409 CRPLR DFENC Q109 JOHAR AMYLU AMYLU (RNAV)–STAR	1100–0300
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG,OKV,RMN	(JET & TURBOPROPS ONLY :RNAV 1 – DME/DME/IRU OR GPS)PARKE HYPER (RNAV)–STAR	
CLEVELAND(CLE)	NEWEL J60 PSB UPPRR TRYBE (RNAV)–STAR	
CMH, LCK, OSU, TZR	(RNAV 1–DME/DME/IRU OR GPS)ZIMMZ Q42 MIKYG Q480 AIR CLPRR (RNAV)–STAR	
COF,COI,ISM,MCO,MLB,TIX,TTS,XMR	WHITE Q409 CRPLR Q85 LPERD OMN BITHO–STAR	

Terminals	Route	Effective Times (UTC)
CONCORD(CON)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ	(RNAV 1 – DME/DME/IRU OR GPS)WHITE Q409 TRPOD OUTLA (RNAV)–STAR	
CVG, HAO, LUK I69	(RNAV 1 – DME/DME/IRU OR GPS)PARKE J6 COLNS GAVNN (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW NORTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR or (DFW SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	
DAYTON(DAY)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR APE DANEI–STAR	
DENVER(DEN)	NEWEL J60 DJB CPONE JOT J60 IOW DSM OBH BRWRY LAWGR (RNAV)–STAR	
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)GAYEL Q818 WOZEE COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS OKLND (RNAV)–STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)GAYEL J95 CFB TRAAD JACCI FERRL (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)GAYEL J95 CFB TRAAD JACCI WNGNT (RNAV)–STAR	
FLL,OPF	WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)WHITE Q409 CRPLR KOOKI Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
FORT MYERS(FMY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
FORT MYERS(RSW)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
GREENSBORO(GSO)	BIGGY Q75 GVE AIROW HENBY (RNAV)–STAR	
GREER(GSP)	BIGGY Q75 GVE FUBLL JUNNR (RNAV)–STAR	
HOT SPRINGS(HSP)	LANNA J48 EMI CSN V140 MOL	
HOUSTON(HOU)	(TURBOJETS)LANNA J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR	
HOUSTON(IAH)	(TURBOJETS)(IAH WEST FLOW)LANNA J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR or (TURBOJETS)(IAH EAST FLOW)LANNA J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR	
INDIANAPOLIS(IND)	(AOA FL260; TURBOJETS)ZIMMZ Q42 HIDON RINTE SNKPT (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR or (JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)WHITE Q409 CRPLR Q85 LPERD SNFLD (RNAV)–STAR	
ITHACA(ITH)	(JETS)NEION Q232 CORDS CFB	
JACKSONVILLE(JAX)	(TURBOJETS ONY; DME/DME/IRU OR GPS REQUIRED)WHITE Q409 SESUE ESENT LUNNI (RNAV)–STAR	
KANSAS CITY(MCI)	ZIMMZ Q42 MIKYG Q480 AIR J80 SPI EUING RUDDH (RNAV)–STAR	
KEENE(EEN)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
LACONIA(LCI)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
LEBANON(LEB)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
LEWISBURG(LWB)	LANNA J48 EMI CSN V140 MOL	
LEXINGTON(LEX)	PARKE J6 HVQ	
LOUISVILLE(SDF)	PARKE J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
MANCHESTER(MHT)	(AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
	or	
	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
MARCO ISLAND(MKY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
MEMPHIS(MEM)	PARKE J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR..	
MILWAUKEE(MKE)	NEWEL J60 DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)GAYEL Q812 WOZEE NOSIK ZOHAN IDIOM MUSCL (RNAV)–STAR	1000–0300
MOBILE(MOB)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ MGMRY SJI	
MONTGOMERY(MGM)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ THRSR	
MONTREAL(CYHU)	GREKI JUDDS CAM BEEHS PLUMS OWLHD VOGIV KEBGO VOBOK	
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTER (CANADIAN) (RNAV)–STAR	
NANTUCKET(ACK)	(FL180–FL230; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
NAPLES(APF)	(WATER)BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
NASHUA(ASH)	(FL190 AND ABOVE)GREKI JUDDS MARTN KEYNN.	1100–0300
NASHVILLE(BNA)	(JETS – RNAV1 DME/DME/IRU OR GPS)PARKE J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)WHITE Q409 CRPLR Q85 LPERD GTOUT (RNAV)–STAR	
PHOENIX(PHX)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J110 STL BUM ICT TOTOE FTI BUKKO ZUN EAGUL (RNAV)–STAR	
PITTSBURGH(AGC)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE LEJOY NESTO	
PITTSBURGH(PIT)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)–STAR	
PORTLAND(PWM)	(FL180 AND ABOVE)GREKI JUDDS CAM CDOGG (RNAV)–STAR	1100–0300
PORTSMOUTH(PSM)	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG	
RICHMOND(RIC)	WHITE Q409 TRPOD T303 JAMIE	
ROCHESTER(ROC)	NEION Q232 STUBN GIBBE	
ROCKLAND(RKD)	(FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300
	or	
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
RUTLAND(RUT)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
SALT LAKE CITY(SLC)	GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ FOD ONL J94 BFF CKW CARTR (RNAV)–STAR	
SARANAC LAKE(SLK)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
SAVANNAH(SAV)	(TURBOJETS)WHITE Q409 SESUE SOOOP	
ST LOUIS(STL)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J80 VHP AARCH (RNAV)–STAR	
ST PETERSBURG–CLEARWATER(PIE)	BIGGY Q75 TEUFL BAAMF DADES (RNAV)–STAR	
SYRACUSE(SYR)	(JETS)NEION Q232 CORDS CFB T335 CORTA	
TAMPA(TPA)	BIGGY Q75 TEUFL BAAMF DADES (RNAV)–STAR	
TOLEDO(TOL)	NEWEL J60 DJB	
TORONTO(CYYZ)	GAYEL Q818 WOZEE LINNG (CANADIAN) (RNAV)–STAR	
WASHINGTON(DCA)	BIGGY Q75 MXE CLIPR (RNAV)–STAR	
	or	
	BIGGY Q75 MXE V378 BAL	
WATERVILLE(WVL)	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
	or	
	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
WINSTON SALEM(INT)	BIGGY Q75 GVE AIROW HENBY (RNAV)–STAR	
WINDSOR LOCKS(BDL)		
AFW,GKY, 50F,CPT LUD,DTO,FTW,NFW FWS,GPM,WEA	(RNAV 1 – DME/DME/IRU OR GPS)VEERS PWL BASYE Q406 BWZ J6 HVQ Q68 LITTR PONYY TRUUK (RNAV)–STAR	
1G3, AKR, CAK	(RNAV 1–DME/DME/IRU OR GPS)CTR HNK J49 PSB SOORD ZZIPS (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
APF, FMY, MKY, RSW	(JETS , TURBOPROPS ONLY RNAV 1–DME/DME/IRU OR GPS)VEERS PWL BIZEX Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
ATLANTA(ATL)	(RNAV ONLY)VEERS PWL BASYE Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	
AUGUSTA(AGS)	(RNAV 1–DME/DME/IRU OR GPS)VEERS PWL BIZEX Q75 GSO STWRT–STAR	
BELMAR/FARMINGDALE(BLM)	(RNAV 1–DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC MANTA T438 DIXIE	
CHARLOTTE(CLT)	(JETS ONLY RNAV 1 – DME/DME/IRU OR GPS)VEERS PWL BIZEX Q75 GVE AIROW CHSLY (RNAV)–STAR	
CHICAGO(MDW)	(RNAV 1–DME/DME/IRU OR GPS)CTR CAM Q822 GONZZ Q29 JHW DJB ASHEN PANGG (RNAV)–STAR	1100–0300
CHICAGO(ORD)	(DME/DME/IRU OR GNSS REQUIRED)CTR CAM Q822 FNT WYNDE (RNAV)–STAR	1100–0300
CHICAGO/ROCKFORD(RFD)	CTR CAM Q822 FNT WEBOR HIGUH EMMAS (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,RMN	(AOA FL240; JET & TURBOPROP ACFT:RNAV 1 – DME/DME/IRU OR GPS)VEERS PWL GANDE HYPER (RNAV)–STAR or (AOB FL220; NON–JET AIRCRAFT: RNAV 1 – DME/DME/IRU OR GPS)MOBBS SAGES LAAYK MIP SEG PRTZL (RNAV)–STAR	
CLEVELAND(CLE)	CTR CAM Q822 GONZZ HANKK THOME TRYBE (RNAV)–STAR	1100–0400
COLUMBIA(CAE)	(RNAV 1–DME/DME/IRU OR GPS)VEERS PWL BIZEX Q75 GSO	
COVINGTON(CVG)	(DME/DME/IRU OR GPS REQUIRED)CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	
CPK,PVG,LFI,PHF,ORF,NGU,NTU,SFQ.	(RNAV 1–DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC TOPRR Q167 TBONN OUTLA (RNAV)–STAR.	
DALLAS–FORT WORTH(DFW)	(DFW SOUTH FLOW)VEERS PWL BASYE DBABE BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (DFW NORTH FLOW)VEERS PWL BASYE DBABE BWZ J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
DENVER(DEN)	CTR CAM ARNII Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)–STAR	
DET, ONZ, TTF	(RNAV 1 – DME/DME/IRU OR GPS)CTR CAM Q822 GONZZ COLTS GIGGY (RNAV)–STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)CTR CAM Q822 GONZZ COLTS OKLND (RNAV)–STAR	1100–0300
DETROIT(DTW)	(DME/DME/IRU OR GNSS REQUIRED)(DTW SOUTH FLOW)CTR CAM Q822 GONZZ DONEO TPGUN (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)CTR CAM Q822 GONZZ DONEO CUUGR (RNAV)–STAR	1100–0300 1100–0300
FORT MYERS(RSW)	VEERS PWL BIZEX Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	1100–0300
HOUSTON(IAH)	(IAH EAST FLOW)VEERS PWL BASYE Q448 PTW J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR or (IAH WEST FLOW)VEERS PWL BASYE Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	1100–0400 1100–0400
LAS VEGAS(LAS)	(JETS ONLY, RNAV 1 – DME/DME/IRU OR GPS.)VEERS PWL IGN Q480 AIR J80 VHP J110 RSK J64 TBC SQIRE RKSTR (RNAV)–STAR	
MEMPHIS(MEM)	VEERS PWL BASYE Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	1100–0400
MINNEAPOLIS(MSP)	(TURBOJETS)CTR CAM ARNII Q816 KELTI Q812 ZOHAN IDIOM MUSCL (RNAV)–STAR	1000–0300
MONTREAL(CYHU)	CTR CAM BEEHS PLUMS OWLHD VOGIV KEBGO VOBOK	
MYRTLE BEACH(MYR)	VEERS PWL BIZEX Q75 GVE SBV RDU	1100–0300
PITTSBURGH(AGC)	(RNAV 1–DME/DME/IRU OR GPS)CTR HNK J217 ETG HOMEE	
PITTSBURGH(PIT)	CTR HNK KONJE SLT HAYNZ (RNAV)–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
RALEIGH/DURHAM(RDU)	VEERS PWL BIZEX Q75 GVE MELTN ALDAN (RNAV)–STAR	
RICHMOND(RIC)	(RNAV 1–DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC TOPRR Q167 ZJAAY ARICE JAMIE	
ST LOUIS(STL)	(RNAV ONLY)VEERS PWL IGN Q480 AIR J80 VHP AARCH (RNAV)–STAR	1100–0300
TAMPA(TPA)	VEERS PWL BIZEX Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
VERO BEACH(VRB)	(RNAV 1–DME/DME/IRU OR GPS)(WATER)THUMB (RNAV)–DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC or (RNAV 1–DME/DME/IRU OR GPS)THUMB (RNAV)–DP CCC Q97 MALET	
WASHINGTON(DCA)	VEERS PWL BIZEX Q75 MXE CLIPR (RNAV)–STAR	1100–0300
WILMINGTON(ILN)	(RNAV 1–DME/DME/IRU OR GPS)VEERS PWL IGN Q480 AIR APE	
WORCESTER(ORH)		
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	ORW CCC Q97 KENLL TARPN (RNAV)–STAR	
APF, FMY, MKY, RSW	(JETS , TURBOPROPS ONLY RNAV 1–DME/DME/IRU OR GPS)(WATER)ORW CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)–STAR or (JETS , TURBOPROPS ONLY RNAV 1–DME/DME/IRU OR GPS)NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
FLL,OPF	ORW CCC Q97 PRMUS CUUDA (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)ORW CCC Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(WATER)ORW CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING NORTH)ORW CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
ORLANDO(MCO)	(JETS: RNAV 1 – DME/DME/IRU OR GPS REQUIRED)(MCO LANDING SOUTH)ORW CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
PHILADELPHIA(PHL)	(RNAV 1 – DME/DME/IRU OR GPS; JETS)ORW CCC MANTA Q439 BRIGS JIIMS (RNAV)–STAR	

SPECIAL HIGH ALTITUDE PREFERRED DIRECTION ROUTES

Terminals	Route	Effective Times (UTC)
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO AGUADILLA (TJBQ)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y439 MEEGL	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y439 MEEGL	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y439 MEEGL	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO BRADSHAW INTL (TKPK)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y355 KOLAO DANDE G633 GABAR	

Terminals	Route	Effective Times (UTC)
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 KOLAO DANDE G633 GABAR	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO BRADSHAW INTL (TKPK)		
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y355 KOLAO DANDE G633 GABAR	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO BRIDGETOWN (TBPB)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL ILURI A555 BGI	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL ILURI A555 BGI	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL ILURI A555 BGI	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL ILURI A555 BGI	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y439 MEEGL ILURI BGI	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y439 MEEGL ILURI A555 BGI	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y439 MEEGL ILURI A555 BGI	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO BRIDGETOWN (TBPB)		
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL ILURI A555 BGI	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO CHARLESTOWN (TKPN)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y355 KOLAO DANDE G633 GABAR	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 KOLAO DANDE G633 GABAR	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO CROWN POINT (TTCP)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y294 GESSO L467 ANADA	

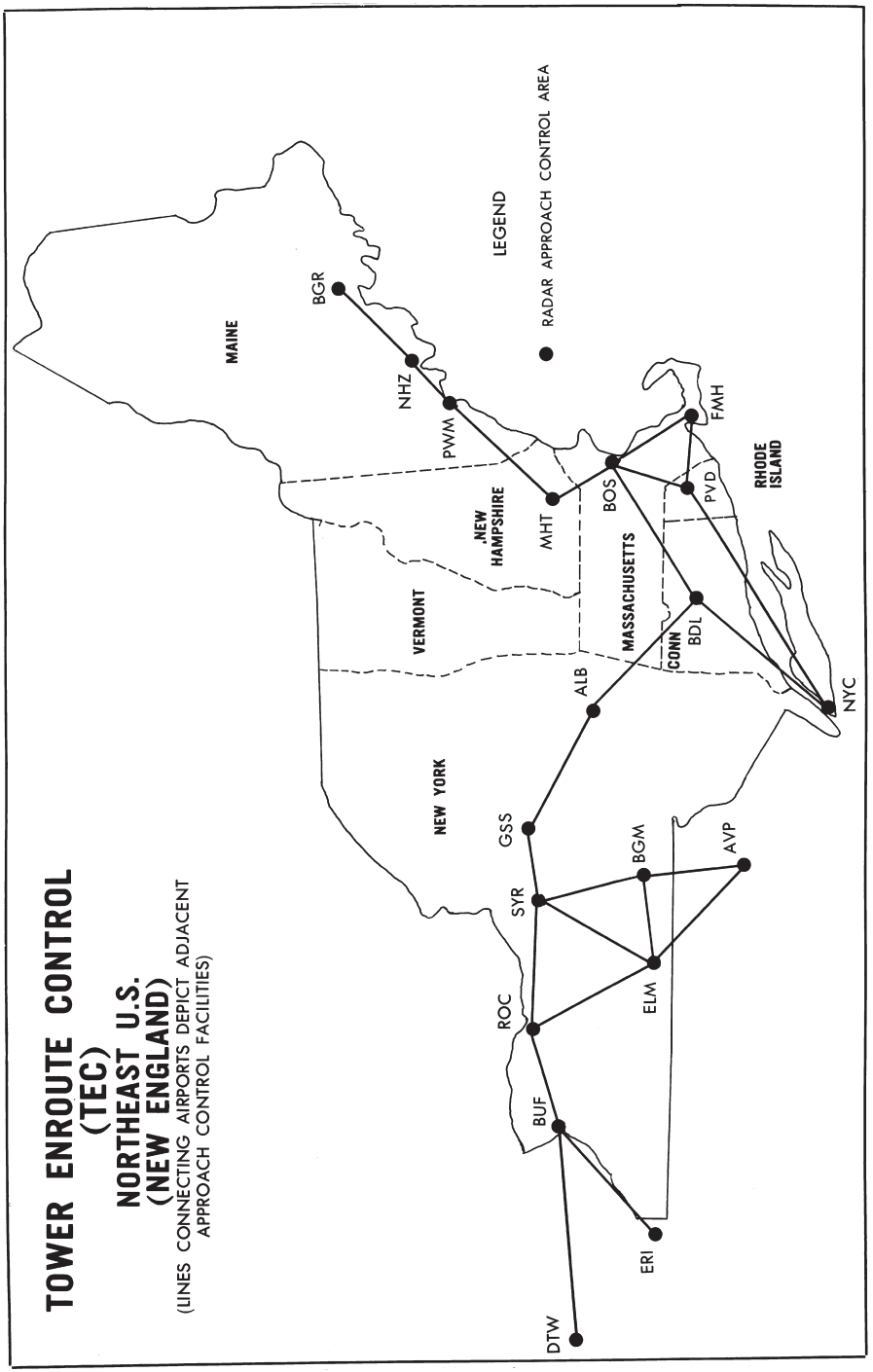
Terminals	Route	Effective Times (UTC)
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO FORT DE FRANCE (TFFF)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL ILURI A555 FOF	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL ILURI A555 FOF	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL ILURI A555 FOF	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL ILURI A555 FOF	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y439 MEEGL ILURI FOF	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL ILURI A555 FOF	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO GRAND CASE (TFFG)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y355 SLUGO	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 SLUGO	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO MAYAGUEZ (TJMZ)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL	
SOUTHBOUND	OHPEA AR8 OXANA L452 HARBG Y421 MEEGL	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y439 MEEGL	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y439 MEEGL	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO ORANJESTAD (TNCE)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y355 SLUGO	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 SLUGO	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO PHILIPSBURG (TNCM)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 CERDA FIPEK Y355 SLUGO	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 MNDEZ FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP SILLY Y485 SAUCR L453 CERDA FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 MNDEZ FIPEK Y355 SLUGO	
SOUTHBOUND	OHPEA AR8 OXANA L452 JORGG FIPEK Y355 SLUGO	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 CERDA FIPEK Y355 SLUGO	

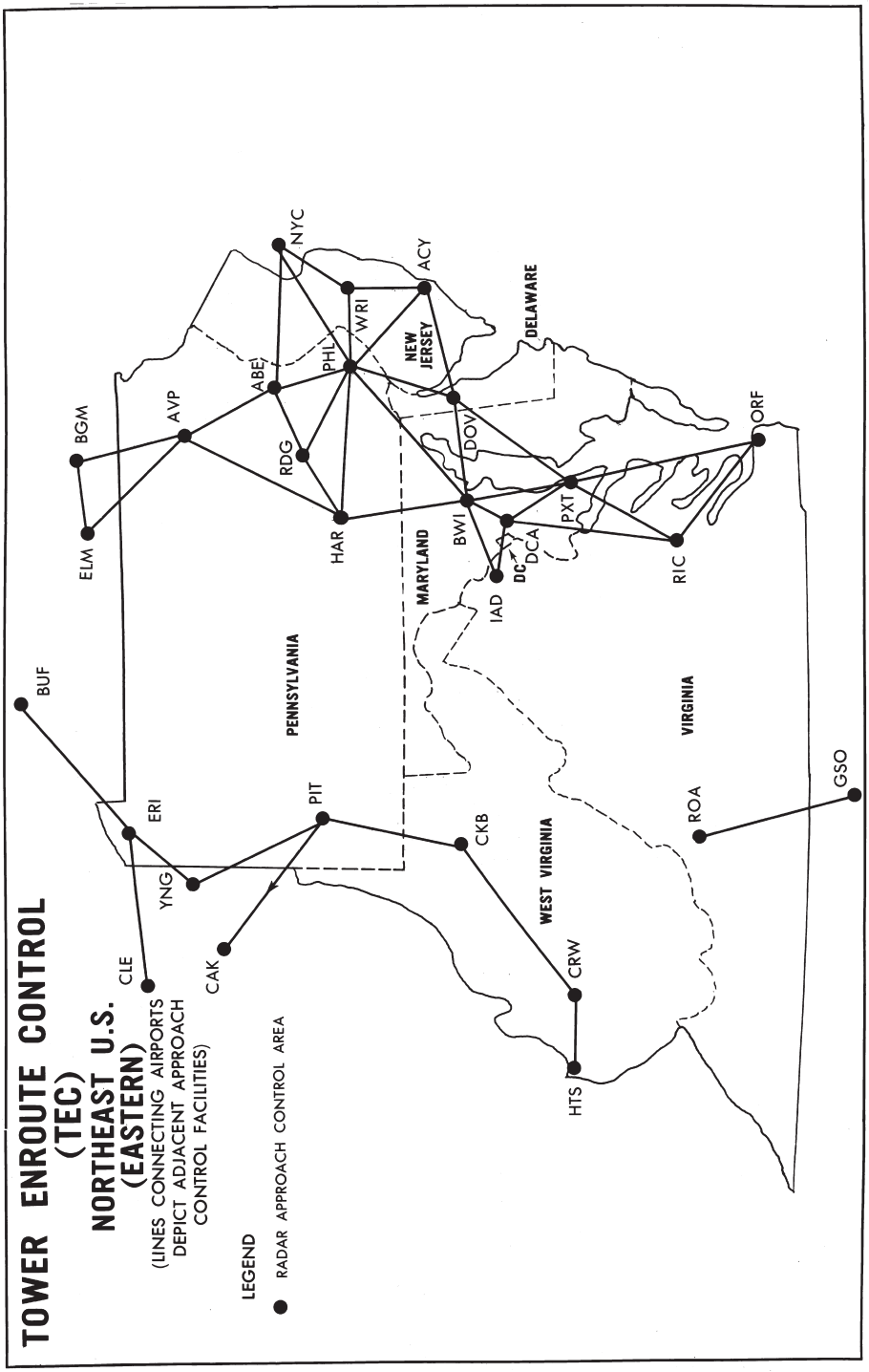
Terminals	Route	Effective Times (UTC)
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 MNDEZ FIPEK Y355 SLUGO	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 SLUGO	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO POINT SALINES (TGPY)		
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO GEECE	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO GEECE	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO GEECE	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y294 GESSO GEECE	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO POINTE A PITRE (TFFR)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL MODUX R888 PPR	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL MODUX R888 PPR	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL MODUX R888 PPR	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL MODUX R888 PPR	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y439 MEEGL MODUX PPR	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y439 MEEGL MODUX R888 PPR	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL MODUX R888 PPR	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y439 MEEGL MODUX R888 PPR	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO PONCE (TJPS)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL MAZ	
SOUTHBOUND	GARIC CLOWR JAINS L451 IORIO FIPEK Y439 MEEGL MAZ	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y439 MEEGL MAZ	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL MAZ	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y439 MEEGL MAZ	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y439 MEEGL MAZ	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y439 MEEGL MAZ	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y439 MEEGL MAZ	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO PORT AU PRINCE (MTPP)		
SOUTHBOUND	BRUWN Y578 JENYY Y488 SAUCR L453 LAMER L464 CERDA M594 GTK G444 BOTES	
SOUTHBOUND	ECG AR8 OXANA L452 HAGIT GTK G444 BOTES	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 LAMER L464 CERDA M594 GTK G444 BOTES	
SOUTHBOUND	OHPEA AR8 OXANA L452 HAGIT GTK G444 BOTES	
SOUTHBOUND	SKARP Y327 JAINS L451 LETON L450 JEFFO GTK G444 BOTES	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO PORT OF SPAIN (TTPP)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 CERDA FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y294 GESSO L467 ANADA	

Terminals	Route	Effective Times (UTC)
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO L467 ANADA	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y294 GESSO L467 ANADA	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO PUERTO PLATA (MDPP)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK SEKAR A554 PTA	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 MNDEZ SEKAR A554 PTA	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK SEKAR A554 PTA	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 MNDEZ SEKAR A554 PTA	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA SEKAR PTA	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK SEKAR A554 PTA	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 MNDEZ SEKAR A554 PTA	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO SEKAR A554 PTA	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO SAINT BARTHELEMY (TFFJ)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y355 SLUGO	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 SLUGO	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO SAN JUAN (TJIG)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 PLING RTE7 SAALR	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO SAN JUAN (TJSJ)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 CERDA FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 MNDEZ FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 CERDA FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 MNDEZ FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	OHPEA AR8 OXANA L452 JORGG FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 CERDA FIPEK Y355 PLING RTE7 SAALR	

Terminals	Route	Effective Times (UTC)
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 MNDEZ FIPEK Y355 PLING RTE7 SAALR	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 PLING RTE7 SAALR	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO ST CROIX V.I. (TISX)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y355 KOLAO	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y355 KOLAO	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y355 KOLAO	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y355 KOLAO	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y355 KOLAO	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y355 KOLAO	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y355 KOLAO	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 KOLAO	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO ST JOHNS ISLAND (TAPA)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y355 ELOPO B520 ANU	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y355 ELOPO B520 ANU	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y355 ELOPO B520 ANU	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y355 ELOPO B520 ANU	
SOUTHBOUND	OHPEA AR8 OXANA L452 SLUKA FIPEK Y355 ELOPO B520 ANU	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y355 ELOPO B520 ANU	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y355 ELOPO B520 ANU	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 ELOPO B520 ANU	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO ST LUCIA ISLAND (TLPL)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y294 GESSO GEECE	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO GEECE	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y294 GESSO GEECE	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y294 GESSO GEECE	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y294 GESSO GEECE	
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO ST THOMAS VIRGIN IS (TIST)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 CERDA FIPEK Y355 KOLAO ZWEEK JETSS	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 MNDEZ FIPEK Y355 KOLAO ZWEEK JETSS	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 CERDA FIPEK Y355 KOLAO ZWEEK JETSS	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 MNDEZ FIPEK Y355 KOLAO ZWEEK JETSS	
SOUTHBOUND	OHPEA AR8 OXANA L452 JORGG FIPEK Y355 KOLAO ZWEEK JETSS	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 CERDA FIPEK Y355 KOLAO ZWEEK JETSS	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 MNDEZ FIPEK Y355 KOLAO ZWEEK JETSS	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 KOLAO ZWEEK JETSS	

Terminals	Route	Effective Times (UTC)
TRAFFIC ENTERING ZMA FOR CARIBBEAN FLIGHTS TO THE VALLEY (TQPF)		
SOUTHBOUND	BRUWN Y578 JENYY HOBOH Y488 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	BRUWN Y578 JENYY ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP Y488 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	JFK SHIPP Y490 ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	SIE B24 LYNUS SILLY Y485 SAUCR L453 RODRK FIPEK Y355 SLUGO	
SOUTHBOUND	SIE B24 WEBBB ROLLE ATUGI L454 KNDLL FIPEK Y355 SLUGO	
SOUTHBOUND	SKARP Y327 JAINS L451 IORIO FIPEK Y355 SLUGO	
	GCK LPINE VAAIL (RNAV)–STAR	
	GCK MMUTT HAREI (RNAV)–STAR	
	HYS DORPH MMARY (RNAV)–STAR	
	HYS DORPH MMARY (RNAV)–STAR	
	HYS DORPH MMARY (RNAV)–STAR	
	HYS HIKNG VAAIL (RNAV)–STAR	
	HYS HIKNG VAAIL (RNAV)–STAR	
	HYS HIKNG VAAIL (RNAV)–STAR	
	LEFAM DORPH MMARY (RNAV)–STAR	
	LEFAM DORPH MMARY (RNAV)–STAR	
	LLUKY BKPCK VAAIL (RNAV)–STAR	
	LLUKY BKPCK VAAIL (RNAV)–STAR	
	LNK WIZZR VAAIL (RNAV)–STAR	
	LNK WIZZR VAAIL (RNAV)–STAR	
	ONL HCT DORPH MMARY (RNAV)–STAR	
	ONL HCT DORPH MMARY (RNAV)–STAR	
	PIR HCT DORPH MMARY (RNAV)–STAR	
	PIR HCT DORPH MMARY (RNAV)–STAR	
	TBE LPINE VAAIL (RNAV)–STAR	
	TBE MMUTT HAREI (RNAV)–STAR	


TOWER ENROUTE CONTROL
(TEC)
NORTHEAST U.S.
(NEW ENGLAND)
(LINES CONNECTING AIRPORTS DEPICT ADJACENT APPROACH CONTROL FACILITIES)
LEGEND
RADAR APPROACH CONTROL AREA
MAINE
NEW HAMPSHIRE
VERMONT
NEW YORK
MASSACHUSETTS
CONN
RHODE ISLAND
BGR
NHZ
PWM
MHT
BOS
FMH
PVD
BDL
NYC
ALB
GSS
SYR
ROC
BUF
ERI
BGM
ELM
AVP
DTW


TOWER ENROUTE CONTROL
(TEC)
NORTHEAST U.S.
(EASTERN)
(LINES CONNECTING AIRPORTS DEPICT ADJACENT APPROACH CONTROL FACILITIES)
LEGEND
RADAR APPROACH CONTROL AREA
BUF
CLE
ERI
YNG
CAK
PIT
CKB
CRW
HTS
ELM
BGM
AVP
ABE
RDG
PHL
HAR
NYC
WRI
ACY
NEW JERSEY
DOV
DELAWARE
BWI
MARYLAND
IAD
DC
DCA
PXT
RIC
ORF
ROA
GSO
PENNSYLVANIA
WEST VIRGINIA
VIRGINIA

(TEC)

Within the national airspace system it is possible for a pilot to fly IFR from one point to another without leaving approach control airspace. This is referred to as "tower enroute" which allows flight beneath the enroute structure. The tower enroute concept has been expanded (where practical) by reallocating airspace vertically/geographically to allow flight planning between city pairs while remaining within approach control airspace. Pilots are encouraged to solicit tower enroute information from FSS's and to use the route descriptions provided in this directory when filing flight plans. Other airways which appear to be more direct between two points may take the aircraft out of approach control airspace thereby resulting in additional delays or other complications. All published TEC routes are designed to avoid enroute airspace and the majority are within radar coverage. Additional routes and other changes will appear in forthcoming editions as necessary. The acronym "TEC" should be included in the remarks section of the flight plan. This will advise ATC that the pilot intends to remain within approach control airspace for the entire flight. The following items should be noted before using the graphics and route descriptions:

1. The graphic is not to be used for navigation nor detailed flight planning. Not all city pairs are depicted. It is intended to show general geographic areas connected by tower enroute control. Pilots should refer to route descriptions for specific flight planning.

2. The route description contains four columns of information: i.e., the approach control area (listed alphabetically) within which the departure airport is located (check appropriate flight information publications), the specific route (airway, radial, etc.), the highest altitude allowed for the route, and the destination airport (listed alphabetically). Be advised, many destination airports are associated with a larger primary airport. Check the legend preceding this listing for this association.

3. The word "DIRECT" will appear as the route when radar vectors will be used or no airway exists. Also, this indicates that a Standard Instrument Departure (SID) or Standard Terminal Arrival Route (STAR) may be applied by ATC.

4. When a NAVAID or intersection identifier appears with no airway immediately preceding or following the identifier, the routing is understood to be DIRECT to or from that point unless otherwise cleared by ATC.

5. Routes beginning or ending with an airway indicate that the airway essentially overflies the airport or radar vectors will be applied.

6. Where more than one route is listed to the same destination, the pilot may select which route is desired.

7. Routes are effective only during each respective terminal facility's normal operating hours. Pilots are cautioned to check NOTAMS to ensure appropriate terminal facilities will be operating for the planned flight time.

8. All identifiers used for NAVAIDS, airports, and intersections are official identifiers.

9. Altitudes are listed in thousands of feet. ATC may require altitude changes to maintain flight within approach control airspace. ATC will provide radar monitoring and, if necessary, course guidance if the highest altitude assigned by ATC is below the Minimum Enroute Altitude (MEA).

10. Although all airports are not listed under the destination column, IFR flight may be planned to satellite airports in proximity to major airports via the same routing.

11. Flight plans should be filed with a Flight Service Station (FSS).

TOWER ENROUTE CONTROL CITY PAIRS

(1) Single Engine only.
(2) Props less than 210 KT IAS.
(3) Props less than 250 KT IAS.
(4) Jets and Props greater than 210 KT IAS.
(5) Jets and Props greater than 250 KTS IAS.

Boston—NO SATS = BED/LWM/BVY/FIT/6B6/2B2
SO SATS = BOS/OWD/1B9/3B2
Bradley = BDL/BAF/CEF/7B2
Bradley/Hartford = HFD/MMK/IJD/4B8
Bradley/Worcester = ORH/3B0/1B6
Manchester = MHT/ASH/CON/LCI
Manchester/Pease = PSM/DAW/3B4
New York/Bridgeport = BDR/HVN/OXC/3B9
Philadelphia = NO SATS = OQN/MQS/LOM/DYL/PNE/CKZ/PTW/UKT/TTN
SO SATS = ILG/EVY
Portland = PWM/IWI/NHZ/RKD
Portland/Augusta = AUG/LEW/WVL/IZG/81B
Providence = PVD/EWB/TAN/SFZ/UUU/LZD
Providence/Groton = GON/WST/BID/0B8

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
ALB,SCH,GFL,5B2	.....	ALB DENNA (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	BDR.HVN.OXC
	.....	ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	(3)ALB V123 HAARP	10000	DANBURY(DXR)
	.....	(4)ALB V157 HAARP(FROM ALB,SCH,GFL,5B2)	10000	DANBURY(DXR)
	.....	ALB V123 TRESA	10000	NEW YORK(SWF)
	.....	ALB T608 ROC	10000	ROCHESTER(ROC)
	.....	ALB T608 LAMMS	10000	ROME(RME)
ALBANY(ALB)	.....	GDM T608 LOBBY	10000	BEDFORD(BED)
	.....	GDM T608 REVER	10000	BOSTON(BOS)
	.....	ALB T300 STELA	10000	GROTON (NEW LONDON)(GON)
	.....	DIRECT	10000	HARTFORD(HFD)
	.....	CTR PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	KEYNN MANCH	10000	MANCHESTER(MHT)
	.....	CTR PVD CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	GDM T608 LOBBY	10000	NORWOOD(OWD)
	.....	CAM CON	10000	PORTLAND(PWM)
	.....	CON	10000	PORTSMOUTH(PSM)
	.....	CTR PVD	10000	PROVIDENCE(PVD)
	.....	CTR PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	ALB V146 MVY	10000	VINEYARD HAVEN(MVY)
	.....	ALB T300 STELA	10000	WINDSOR LOCKS(BDL)
	.....	DIRECT	10000	WINDSOR LOCKS(BDL)
	.....	ALB T300 STELA	10000	WORCESTER(ORH)
ALLENTOWN(ABE)	.....	FJC LAAYK	7000	ALB,SCH
	.....	FJC ARD CYN	5000	ATLANTIC CITY(ACY)
	.....	ETX V39 LRP T449 KITHE	8000	BALTIMORE(BWI)
	.....	(2)ETX T430 SBJ	5000	FARMINGDALE(FRG)
	.....	ETX T299 HAR	8000	HARRISBURG(MDT)
	.....	FJC T299 HUO IGN PWL BRISS	5000	HARTFORD(HFD)
	.....	ETX V39 LRP	4000	LANCASTER(LNS)
	.....	FJC BWZ	6000	NEWARK(EWR)
	.....	BUSKY PTW(RNAV EQUIPPED TURBOJETS ONLY)	7000	PHILADELPHIA(PHL)
	.....	BUSKY PTW(RNAV EQUIPPED TURBOPROPS ONLY)	5000	PHILADELPHIA(PHL)
	.....	ETX T447 PTW(PISTON ONLY)	4000	PHILADELPHIA(PHL)
	.....	FJC ARD	5000	PHILADELPHIA(PNE)
	.....	FJC V6 SEG	8000	PITTSBURGH(PIT)
	.....	ETX	4000	READING(RDG)
	.....	FJC STW	5000	TETERBORO(TEB)
	.....	ETX V39 LRP T449 KITHE BAL	8000	WASHINGTON(DCA)
	.....	ETX LRP V143 MULRR AML	8000	WASHINGTON(IAD)
	.....	(2)FJC T299 HUO IGN V157 HAARP	5000	WHITE PLAINS(HPN)
	.....	(4)STW SAX V39 BREZY	5000	WHITE PLAINS(HPN)
	.....	FJC LVZ	7000	WILKES-BARRE/SCRANTON(AVP)
	.....	ETX T447 APEER	4000	WILMINGTON(ILG)
	.....	FJC T299 HUO IGN PWL BRISS	5000	WINDSOR LOCKS(BDL)
ATLANTIC CITY(ACY)	.....	ACY T315 DIXIE T438 ARD	5000	ALLENTOWN(ABE)
	.....	CRESI T303 DIXIE T438 ARD	5000	ALLENTOWN(ABE)
	.....	LEEAH T358 SWANN	040 OR 060	BALTIMORE(BWI)
	.....	CRESI T303 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	BANGOR(BGR)
	.....	CRESI T303 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	BAR HARBOR(BHB)
	.....	(1)CRESI T303 JFK T315 HFD V3 WOONS	5000	BOSTON(BOS)
	.....	CRESI T303 JFK T315 HFD FOSTY WOONS(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	BOSTON(BOS)
	.....	(1)CRESI T303 JFK T315 HFD DREEM	5000	BOSTON(NORTH)
	.....	(1)HOWIE T303 JFK T315 EEGOR	5000	BRIDGEPORT(BDR)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	ACY V184 ZIGGI JFK T315 EEGOR(TWINS ONLY; N/A 1400-2100)	5000	BRIDGEPORT(BDR)
	.....	LEEAH T315 CHOPS T320 VAALI CAPKO	040 OR 060	CAMP SPRINGS(ADW)
	.....	LEEAH T358 ENO T447 ETX T335 WLKES T440 STUBN	4000	ELMIRA/CORNING(ELM)
	.....	(1)CRESI T303 JFK BDR MAD MONDI	5000	GROTON (NEW LONDON)(GON)
	.....	BRIEF T307 REESY T452 HAR	4000	HARRISBURG(CXY)
	.....	BRIEF T307 REESY T452 HAR	4000	HARRISBURG(MDT)
	.....	(1)CRESI T303 JFK T315 HFD	5000	HARTFORD(HFD)
	.....	(1)CRESI T303 JFK T315 HFD V167 PVD T393 GAILS	5000	HYANNIS(HYA)
	.....	ACY V184 OOD DQO PADRE LRP	4000	LANCASTER(LNS)
	.....	CRESI T303 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	MANCHESTER(MHT)
	.....	(1)CRESI T303 JFK T315 EEGOR MAD	5000	MERIDEN(MMK)
	.....	CRESI T303 JFK T315 EEGOR MAD CARLD V188 GON CLAMY (RNAV)-STAR(SINGLE ENGINE ONLY. RNAV 1 - DME/DME/IRU OR GPS)	5000	NANTUCKET(ACK)
	.....	(1)CRESI T303 JFK T315 EEGOR MAD CARLD V188 GON V374 MINNK	5000	NEW BEDFORD(EWB)
	.....	(1)CRESI T303 JFK CCC	5000	NEW YORK(ISP)
	.....	BRIGS T320 SARDI CCC(NO SINGLE ENGINE; N/A BTN 1400-2100 LCL)	5000	NEW YORK(ISP)
	.....	(1)CRESI T303 JFK	5000	NEW YORK(JFK)
	.....	ACY V184 ZIGGI(JETS AND MULTIENGINE PROPS ONLY; NO OTFC)	5000	NEW YORK(JFK)
	.....	ACY T315 DIXIE T438 RBV V123 PROUD(JETS ONLY)	7000	NEW YORK(LGA)
	.....	ACY T315 DIXIE T438 RBV V123 PROUD(NO SINGLE ENGINE)	5000	NEW YORK(LGA)
	.....	CRESI T303 DIXIE T438 RBV V123 PROUD	5000	NEW YORK(LGA)
	.....	ACY T315 DIXIE T438 RBV V249 METRO	5000	NEWARK(EWR)
	.....	(1)CRESI T303 JFK T315 EEGOR MAD CARLD V188 GON	5000	NORTH KINGSTOWN(OQU)
	.....	ACY V184 OOD	4000	PHILADELPHIA(PHL)
	.....	ACY T315 DIXIE T438 ARD	5000	PHILADELPHIA(PNE)
	.....	CRESI T303 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	PORTLAND(PWM)
	.....	(1)CRESI T303 JFK T315 EEGOR MAD CARLD V188 GON	5000	PROVIDENCE(PVD)
	.....	(1)CRESI T303 JFK T315 HFD V167 PVD T393 GAILS	5000	PROVINCETOWN(PVC)
	.....	ACY V184 OOD DQO FOLEZ T356 DETTE	4000	READING(RDG)
	.....	LEEAH T303 TRPOD	6000	SALISBURY(SBY)
	.....	(1)CRESI T303 JFK T315 EEGOR MAD CARLD V188 GON V374 MINNK	5000	TAUNTON(TAN)
	.....	ACY T315 PANZE V184 ZIGGI T438 RBV V249 METRO(TURBOJETS ONLY)	5000	TETERBORO(TEB)
	.....	(1)CRESI T303 JFK T315 EEGOR MAD CARLD V188 GON V374 MVY	5000	VINEYARD HAVEN(MVY)
	.....	LEEAH T315 CHOPS T320 VAALI CAPKO(PROPS ONLY)	040 OR 060	WASHINGTON(DCA)
	.....	LEEAH T315 TAPPA BRV V286 CSN(JETS ONLY)	4000	WASHINGTON(IAD)
	.....	LEEAH T358 OBWON T356 DROSA WOOLY MRB(NON-JETS ONLY)	4000	WASHINGTON(IAD)
	.....	ACY T315 DIXIE T438 RBV V249 SAX V39 BREZY(MULTIENGINE PROPS ONLY)	5000	WHITE PLAINS(HPN)
	.....	CRESI T303 DIXIE T438 RBV V249 SAX V39 BREZY(MULTIENGINE PROPS ONLY)	5000	WHITE PLAINS(HPN)
	.....	(1)CRESI T303 JFK T315 EEGOR	5000	WINDSOR LOCKS(BDL)
	.....	(1)CRESI T303 JFK T315 HFD T303 GRAYM	5000	WORCESTER(ORH)
	.....	ACY T315 PANZE(HELICOPTERS ONLY)	3000	WRIGHTSTOWN(WRI)
	.....	HOWIE T303 CYN	5000	WRIGHTSTOWN(WRI)
	.....	SIE V44 PANZE	5000	WRIGHTSTOWN(WRI)
	.....	WNSTN T320 HARBO	5000	WRIGHTSTOWN(WRI)
AUGUSTA(AUG)	.....	CON CAM	10000	ALB,SCH

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	DIRECT	10000	BANGOR(BGR)
	.....	DIRECT	10000	BAR HARBOR(BHB)
	.....	ENE LWRNC	10000	BEDFORD & NORTH SATS
	.....	(3)ENE PEASE STEVO LWRNC	10000	BOSTON(BOS)
	.....	(5)ENE V167 SCUPP	10000	BOSTON(BOS)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)
	.....	ENE T295 CON	10000	CONCORD(CON)
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
	.....	CLOWW WITNY HFD T303 DPK	10000	FARMINGDALE(FRG)
	.....	ENE T314 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
	.....	ENE T287 HAVNS	10000	HYANNIS(HYA)
	.....	ENE MANCH	10000	MANCHESTER(MHT)
	.....	ENE T287 HAVNS LFV	10000	NANTUCKET(ACK)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	NEW HAVEN(HVN)
	.....	CLOWW WITNY HFD T303 BELTT	10000	NEW YORK(ISP)
	.....	CLOWW WITNY HFD T303 DPK	10000	NEW YORK(JFK)
	.....	ENE T314 BAF VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	ENE LWRNC	10000	NORWOOD(OWD)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	OXFORD(OXC)
	.....	(1)CLOWW WITNY HFD MAD JAFFY VCN OOD	10000	PHILADELPHIA(PHL)
	.....	CLOWW WITNY HFD MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	(1)ENE T314 GDM T320 YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	CLOWW WITNY HFD MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	ENE	10000	PORTSMOUTH(PSM)
	.....	ENE T287 BURDY	10000	PROVIDENCE(PVD)
	.....	ENE T287 HAVNS	10000	PROVINCETOWN(PVC)
	.....	ENE T287 HAVNS	10000	VINEYARD HAVEN(MVY)
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(PROPS LESS THAN 250 KTS IAS AND /E, /F, /G ONLY)	10000	WHITE PLAINS(HPN)
	.....	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
	.....	CLOWW SPENO	10000	WORCESTER(ORH)
BALTIMORE(BWI)	.....	VINNY V93 LRP V39 ETX	7000	ALLENTOWN(ABE)
	.....	SWANN T358 LEEAH T315 ACY	7000	ATLANTIC CITY(ACY)
	.....	SWANN T358 AVALO T320 GDM CLOWW(TWIN ENGINE)	7000	BANGOR(BGR)
	.....	SWANN T358 ENO T224 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	BANGOR(BGR)
	.....	SWANN T358 LEEAH T303 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	7000	BANGOR(BGR)
	.....	SWANN T358 AVALO T320 GDM CLOWW(TWIN ENGINE)	7000	BAR HARBOR(BHB)
	.....	SWANN T358 ENO T224 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	BAR HARBOR(BHB)
	.....	SWANN T358 LEEAH T303 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	7000	BAR HARBOR(BHB)
	.....	VINNY V93 LRP T449 CFB	7000	BINGHAMTON(BGM)
	.....	(1)SWANN T358 ENO T224 JFK T315 HFD V3 WOONS	5000	BOSTON(BOS)
	.....	(1)SWANN T358 LEEAH T303 JFK T315 HFD V3 WOONS	7000	BOSTON(BOS)
	.....	SWANN T358 AVALO T320 YANTC T224 FOSTY WOONS(TWIN ENGINE)	7000	BOSTON(BOS)
	.....	SWANN T358 AVALO T320 YANTC T224 WOONS(TWIN ENGINE)	7000	BOSTON(BOS)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	SWANN T358 ENO T224 JFK T315 HFD FOSTY WOONS(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	BOSTON(BOS)
.....	SWANN T358 LEEAH T303 JFK T315 HFD FOSTY WOONS(SINGLE ENGINE AND /E, /F, /G ONLY)	7000	BOSTON(BOS)
.....	(1)SWANN T358 ENO T224 JFK T315 HFD DREEM	5000	BOSTON(NO SATS)
.....	(1)SWANN T358 LEEAH T303 JFK T315 HFD DREEM	7000	BOSTON(NO SATS)
.....	SWANN T358 AVALO T320 YANTC T224 WOONS(TWIN ENGINE)	7000	BOSTON(NO SATS)
.....	(1)SWANN T358 ENO T224 JFK T315 EEGOR	5000	BRIDGEPORT(BDR)
.....	(1)SWANN T358 LEEAH T303 JFK T315 EEGOR	7000	BRIDGEPORT(BDR)
.....	SWANN T358 AVALO T320 RICED KEYED(TWIN ENGINE)	7000	BRIDGEPORT(BDR)
.....	(1)SWANN T358 ENO T224 JFK T315 EEGOR MAD MONDI	5000	GROTON (NEW LONDON)(GON)
.....	(1)SWANN T358 LEEAH T303 JFK T315 EEGOR MAD MONDI	7000	GROTON (NEW LONDON)(GON)
.....	SWANN T358 AVALO T320 ORCHA MONDI(TWIN ENGINE)	7000	GROTON (NEW LONDON)(GON)
.....	EMI EMI321 HGR089 HGR	6000	HAGERSTOWN(HGR)
.....	VINNY HAR	7000	HARRISBURG(CXY)
.....	EMI V265 HAR	7000	HARRISBURG(MDT)
.....	BELAY KITHE T449 LRP	5000	LANCASTER(LNS)
.....	SWANN T358 AVALO T320 YANTC T224 WOONS(TWIN ENGINE)	7000	MANCHESTER(MHT)
.....	SWANN T358 ENO T224 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	MANCHESTER(MHT)
.....	SWANN T358 LEEAH T303 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	7000	MANCHESTER(MHT)
.....	WOOLY MRB	8000	MARTINSBURG(MRB)
.....	PALEO AGARD T287 WNSTN T320 GON CLAMY (RNAV)-STAR(TWIN ENGINE. RNAV 1 - DME/DME/IRU OR GPS)	7000	NANTUCKET(ACK)
.....	(1)SWANN T358 ENO T224 JFK	5000	NEW YORK(ISP)
.....	(1)SWANN T358 LEEAH T303 JFK	7000	NEW YORK(ISP)
.....	SWANN T358 AVALO T320 SARDI CCC(TWIN ENGINE)	7000	NEW YORK(ISP)
.....	(1)SWANN T358 ENO T224 JFK	5000	NEW YORK(JFK)
.....	(1)SWANN T358 LEEAH T303 JFK	7000	NEW YORK(JFK)
.....	SWANN T358 LEEAH T315 PANZE V184 ZIGGI(TWIN ENGINE)	7000	NEW YORK(JFK)
.....	OBWON T356 ODESA DQO V479 RUUTH V123 PROUD	7000	NEW YORK(LGA)
.....	BAL V378 MXE ARD METRO(LESS THAN 180 KTS ONLY)	5000	NEWARK(EWR)
.....	GRACO T291 FAGED STEIN	6000	NORFOLK(ORF)
.....	GRACO T295 SHLBK	6000	PATUXENT RIVER(NHK)
.....	SWANN T356 ODESA DQO(TURBOJETS ONLY)	9000	PHILADELPHIA(PHL)
.....	SWANN T356 ODESA OOD(NON-TURBOJETS ONLY)	7000	PHILADELPHIA(PHL)
.....	SWANN T356 ODESA DQO(TURBOJETS ONLY)	11000	PHILADELPHIA(PNE)
.....	V378 MXE(NON-TURBOJETS ONLY)	5000	PHILADELPHIA(PNE)
.....	V419 MXE(NON-TURBOJETS ONLY)	5000	PHILADELPHIA(PNE)
.....	SWANN T358 AVALO T320 GDM T314 ENE(TWIN ENGINE)	7000	PORTLAND(PWM)
.....	SWANN T358 ENO T224 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	PORTLAND(PWM)
.....	SWANN T358 LEEAH T303 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	7000	PORTLAND(PWM)
.....	GRACO T295 COLIN	6000	RICHMOND(RIC)
.....	JAYBO TRPOD	7000	SALISBURY(SBY)
.....	BAL V378 MXE V3 SBJ(PROPS)	7000	TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)
.....	(1)SWANN T358 ENO T224 JFK T315 EEGOR MAD CARLD V188 GON V374 MVY	5000	VINEYARD HAVEN(MVY)
.....	(1)SWANN T358 LEEAH T303 JFK T315 EEGOR MAD CARLD V188 GON V374 MVY	7000	VINEYARD HAVEN(MVY)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	SWANN T358 AVALO T320 ORCHA T705 FLAPE(TWIN ENGINE)	7000	VINEYARD HAVEN(MVY)
	.....	DIRECT	4000	WASHINGTON(DCA)
	.....	V44 MRB	6000	WASHINGTON(IAD)
	.....	(1)SWANN T358 ENO T224 JFK CCC	5000	WESTHAMPTON BEACH(FOK)
	.....	(1)SWANN T358 LEEAH T303 JFK CCC	7000	WESTHAMPTON BEACH(FOK)
	.....	SWANN T358 AVALO T320 ORCHA(TWIN ENGINE)	7000	WESTHAMPTON BEACH(FOK)
	.....	VINNY V93 LRP ETX FJC BWZ SAX V39 BREZY	7000	WHITE PLAINS(HPN)
	.....	VINNY V93 LRP V39 ETX T299 HUO IGN V157 HAARP	7000	WHITE PLAINS(HPN)
	.....	VINNY V93 LVZ	7000	WILKES-BARRE/SCRANTON(AVP)
	.....	SWANN T356 ODESA DQO	7000	WILMINGTON(ILG)
	.....	(1)SWANN T358 ENO T224 JFK T315 EEGOR	5000	WINDSOR LOCKS(BDL)
	.....	(1)SWANN T358 LEEAH T303 JFK T315 EEGOR	7000	WINDSOR LOCKS(BDL)
	.....	SWANN T358 AVALO T320 BEADS HTO DEER PARK-STAR(TWIN ENGINE)	7000	WINDSOR LOCKS(BDL)
BANGOR(BGR)	.....	ENE LWRNC	10000	BEDFORD(BED)
	.....	(4)ENE V167 SCUPP	10000	BOSTON(BOS)
	.....	ENE PEASE STEVO LWRNC(PROPS LESS THAN 250 KT IAS)	10000	BOSTON(BOS)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)
	.....	BGR T295 CON	10000	CONCORD(CON)
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
	.....	BGR T295 ENE T314 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
	.....	ENE T287 HAVNS	10000	HYANNIS(HYA)
	.....	BGR T295 ENE	10000	MANCHESTER(MHT)
	.....	ENE T287 HAVNS LFV	10000	NANTUCKET(ACK)
	.....	CLOWW WITNY HFD T303 BELTT	10000	NEW YORK(ISP)
	.....	CLOWW WITNY HFD T303 DPK	10000	NEW YORK(JFK)
	.....	BGR T295 ENE T314 BAF VEERS T212 TRESA	10000	NEW YORK(SWF)
	.....	CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	ENE LWRNC	10000	NORWOOD(OWD)
	.....	ENE T287 BURDY	10000	PROVIDENCE(PVD)
	.....	ENE T287 HAVNS	10000	PROVINCETOWN(PVC)
	.....	ENE T287 HAVNS	10000	VINEYARD HAVEN(MVY)
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(RNAV ONLY)	10000	WHITE PLAINS(HPN)
	.....	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
	.....	CLOWW SPENO	10000	WORCESTER(ORH)
BINGHAMTON(BGM)	.....	CFB T335 WLKES FJC		ALLENTOWN(ABE)
	.....	CFB V252 GEE	8000	BUFFALO(BUF)
	.....	CFB T458 STUBN	8000	ELMIRA/CORNING(ELM)
	.....	ITH	8000	ITHACA(ITH)
	.....	CFB T335 PTW	8000	PHILADELPHIA(PHL)
	.....	CFB T335 WLKES FJC ARD		PHILADELPHIA(PNE)
	.....	ITH	8000	ROCHESTER(ROC)
	.....	CFB T335 CORTA	8000	SYRACUSE(SYR)
	.....	CFB T335 LECOR LVZ T454 MUGZY	8000	TETERBORO(TEB)
	.....	CFB T335 WLKES	8000	WILKES-BARRE/SCRANTON(AVP)
BOSTON ARTCC/KEENE(EEN)	.....	GDM T608 LOBBY	10000	BEDFORD(BED)
	.....	GDM T315 HFD	10000	BRIDGEPORT(BDR)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	GDM T315 HFD	10000	HARTFORD(HFD)
	.....	KEYNN T393 GAILS	10000	HYANNIS(HYA)
	.....	WARIC T295 SASHA STUBY TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	GDM T608 LOBBY	10000	NORWOOD(OWD)
	.....	KEYNN T393 PVD	10000	PROVIDENCE(PVD)
	.....	KEYNN T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	KEYNN T393 PVD V405 MVY	10000	VINEYARD HAVEN(MVY)
	.....	GDM T315 SPENO	10000	WORCESTER(ORH)
BOSTON ARTCC/LEBANON(LEB)	.....	LBNON BASUU	10000	BEDFORD(BED,FIT,6B6)
	.....	LBNON CON LWRNC	10000	BEDFORD(BVY,LWM,2B2)
	.....	GDM T315 HFD	10000	BRIDGEPORT(BDR)
	.....	GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	GDM T315 HFD	10000	HARTFORD(HFD)
	.....	LBNON CON BOS GAILS	10000	HYANNIS(HYA)
	.....	LBNON CON BOS LFV	10000	NANTUCKET(ACK)
	.....	LBNON BASUU	10000	NORWOOD(OWD)
	.....	LBNON T393 PVD	10000	PROVIDENCE(PVD)
	.....	LBNON CON BOS	10000	PROVINCETOWN(PVC)
	.....	LBNON CON BOS	10000	VINEYARD HAVEN(MVY)
	.....	KEYNN	10000	WINDSOR LOCKS(BDL)
	.....	GDM T315 SPENO	10000	WORCESTER(ORH)
BOSTON(BOS)	.....	GLYDE T458 CTR	10000	ALB,SCH
	.....	BOSOX T303 MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	PEASE ENE	10000	AUGUSTA(AUG)
	.....	BOSOX T303 MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	PEASE ENE T295 BGR	10000	BANGOR(BGR)
	.....	PEASE ENE	10000	BAR HARBOR(BHB)
	.....	GLYDE T458 CTR V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	MANCH CON LBNON	10000	BURLINGTON(BTV)
	.....	MANCH	10000	CONCORD(CON)
	.....	(3)BOSOX T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(5)GLYDE BAF IGN V157 HAARP	10000	DANBURY(DXR)
	.....	BOSOX T303 MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	GLYDE T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	GLYDE T458 STUBN JHW		ERIE(ERI)
	.....	PVD	10000	GROTON (NEW LONDON)(GON)
	.....	DUNKK V141 GAILS	10000	HYANNIS(HYA)
	.....	MANCH KEYNN	10000	KEENE(EEN)
	.....	MANCH LBNON	10000	LEBANON(LEB)
	.....	MANCH	10000	MANCHESTER(MHT)
	.....	DUNKK V141	10000	NANTUCKET(ACK)
	.....	BOSOX T303 BELTT	10000	NEW YORK(ISP)
	.....	BOSOX T303 DPK	10000	NEW YORK(JFK)
	.....	(3)BOSOX T303 MAD EEGOR PRENO	10000	NEW YORK(LGA)
	.....	BOSOX NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(1)BOSOX T303 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	.....	(3)BOSOX T303 HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	.....	BOSOX T303 MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	BOSOX T303 MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	PEASE ENE	10000	PORTLAND(PWM)
	.....	DIRECT	10000	PORTSMOUTH(PSM)
	.....	PVD	10000	PROVIDENCE(PVD)
	.....	PVC	10000	PROVINCETOWN(PVC)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	BOSOX T303 MAD BEADS T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)
	.....	GLYDE T458 CTR V146 ALB T608 ROC	10000	ROCHESTER(ROC)
	.....	MANCH T316 LAMMS	10000	SYRACUSE(SYR)
	.....	BOSOX T303 MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	MVY359035 MVY	10000	VINEYARD HAVEN(MVY)
	.....	(3)BOSOX T303 MAD EEGOR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	BOSOX T303 GRAYM	10000	WINDSOR LOCKS(BDL)
	.....	DIRECT	10000	WORCESTER(ORH)
	.....	BOSOX T303 MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
BOSTON(NORTH SATS)	.....	BOSOX T303 GRAYM T320 YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	BOSOX T303 GRAYM T320 YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	BOSOX T303 HFD	10000	BRIDGEPORT(BDR)
	.....	BOSOX T303 GRAYM T320 YANTC T224 ENO	10000	DOVER(DOV)
	.....	BOSOX T303 HFD	10000	HARTFORD(HFD)
	.....	BOSOX T303 HFD	10000	NEW HAVEN(HVN)
	.....	BOSOX T303 GRAYM T320 YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	(1)BOSOX T303 GRAYM T320 YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	BOSOX T303 GRAYM T320 YANTC T224 COLIN	10000	RICHMOND(RIC)
	.....	(1)BOSOX T303 GRAYM T320 YANTC T224 DIXIE T438 RBV	10000	TRENTON(TTN)
	.....	BOSOX T303 BELTT	10000	WESTHAMPTON BEACH(FOK)
	.....	BOSOX T303 GRAYM T320 YANTC T224 CYN	10000	WRIGHTSTOWN(WRI)
BOSTON(SOUTH SATS)	.....	(1)BURDY T358 ORCHA CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	BURDY T358 ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	(1)BURDY T358 ORCHA CCC T224 DIXIE T315 PANZE AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	BURDY T358 ORCHA T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	BURDY T358 SEY T634 DENNA	10000	BRIDGEPORT(BDR)
	.....	(1)BURDY T358 ORCHA CCC T224 ENO	10000	DOVER(DOV)
	.....	BURDY T358 ORCHA T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	BURDY T358 SEY T634 CREAM	10000	NEW HAVEN(HVN)
	.....	BURDY T358 ORCHA CCC	10000	NEW YORK(ISP)
	.....	BURDY T358 ORCHA CCC V46 DPK	10000	NEW YORK(JFK)
	.....	(1)BURDY T358 ORCHA CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	BURDY T358 ORCHA T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	(1)BURDY T358 ORCHA CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	BURDY T358 ORCHA T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	(1)BURDY T358 ORCHA CCC T224 COLIN	10000	RICHMOND(RIC)
	.....	BURDY T358 ORCHA T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)
	.....	(1)BURDY T358 ORCHA CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	BURDY T358 ORCHA T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	BURDY T358 ORCHA	10000	WESTHAMPTON BEACH(FOK)
	.....	(1)BURDY T358 ORCHA CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	BURDY T358 ORCHA T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
BRIDGEPORT(BDR)	.....	SOARS V487 CANAN	10000	ALB,SCH
	.....	HUO T299 FJC	5000	ALLENTOWN(ABE)
	.....	(1)CCC T224 DIXIE T315 ACY	6000	ATLANTIC CITY(ACY)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	.....	MAD T303 HFD T315 GDM T314 ENE	10000	AUGUSTA(AUG)
	.....	(1)CCC T224 DIXIE T303 LEEAH T358 SWANN	6000	BALTIMORE(BWI)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	BANGOR(BGR)
	.....	MAD T303 HFD T315 GDM T314 ENE BGR	10000	BANGOR(BGR)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	.....	MAD T303 HFD T315 GDM T314 ENE	10000	BAR HARBOR(BHB)
	.....	MAD T303 HFD DREEM	10000	BEDFORD(BED)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	DPK JFK COL	6000	BELMAR/FARMINGDALE(BLM)
	.....	MAD CARLD V188 GON	9000	BLOCK ISLAND(BID)
	.....	(3)MAD CARLD YANTC T224 WOONS	10000	BOSTON(BOS)
	.....	MAD T303 HFD DREEM	9000	BOSTON(NORTH)
	.....	BDR JUDDS(/E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	.....	SOARS V487 CAM	10000	BURLINGTON(BTV)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	CONCORD(CON)
	.....	MAD T303 HFD T315 GDM	10000	CONCORD(CON)
	.....	HTO	3000	EAST HAMPTON(JPX)
	.....	MAD MAD126 MONDI	7000	GROTON (NEW LONDON)(GON)
	.....	HUO T299 HAR	5000	HARRISBURG(CXY)
	.....	MAD	5000	HARTFORD(HFD)
	.....	MAD CARLD ORW PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	KEENE(EEN)
	.....	MAD T303 HFD T315 GDM	10000	KEENE(EEN)
	.....	HUO T299 DUMMR T295 LRP	5000	LANCASTER(LNS)
	.....	BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	LEBANON(LEB)
	.....	MAD T303 HFD KEYNN	10000	LEBANON(LEB)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	.....	MAD T303 HFD T315 GDM MANCH	10000	MANCHESTER(MHT)
	.....	MAD	3000	MERIDEN(MMK)
	.....	(1)CCC T224 JIIMS	6000	MILLVILLE(MIV)
	.....	MAD CARLD V188 GON CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	MAD CARLD V188 GON V374 MINNK	9000	NEW BEDFORD(EWB)
	.....	DIRECT	2000	NEW HAVEN(HVN)
	.....	CCC	4000	NEW YORK(ISP)
	.....	DPK	4000	NEW YORK(JFK)
	.....	LGA075(RADAR VECTOR)	4000	NEW YORK(LGA)
	.....	CMK V188 SAX	4000	NEWARK(EWR)
	.....	(1)CCC T224 DIXIE T303 OUTLA	6000	NORFOLK(ORF)
	.....	MAD CARLD V188 GON	9000	NORTH KINGSTOWN(OQU)
	.....	(3)MAD YANTC T224 WOONS	10000	NORWOOD(OWD)
	.....	(1)DIXIE T224 JIIMS OOD	6000	PHILADELPHIA(PHL)
	.....	(1)CCC T224 DIXIE T438 ARD	6000	PHILADELPHIA(PNE)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
	.....	MAD T303 HFD T315 GDM T314 ENE	10000	PORTLAND(PWM)
	.....	MAD T303 HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	.....	MAD CARLD V188 GON	9000	PROVIDENCE(PVD)
	.....	MAD CARLD ORW PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	SAX V249 SBJ T430 ETX V39 FLOAT(PROPS ONLY)		READING(RDG)
	.....	(1)CCC T224 DIXIE T303 LEEAH T315 COLIN	6000	RICHMOND(RIC)
	.....	(1)CCC T224 DIXIE T303 TRPOD	6000	SALISBURY(SBY)
	.....	HAAYS HUO V273 HNK T391 SYR	10000	SYRACUSE(SYR)
	.....	MAD CARLD V188 GON V374 MVY	9000	VINEYARD HAVEN(MVY)
	.....	(1)CCC T224 DIXIE T303 LEEAH T315 CHOPS T320 VAALI CAPKO	6000	WASHINGTON(DCA)
	.....	(1)CCC T224 DIXIE T303 LEEAH T358 OBWON T356 TWIRK T358 MRB	6000	WASHINGTON(IAD)
	.....	ALIXX RYMES	4000	WHITE PLAINS(HPN)
	.....	(1)CCC T224 DIXIE T315 PANZE V44 SIE	6000	WILDWOOD(WWD)
	.....	BDR	10000	WINDSOR LOCKS(BDL)
	.....	MAD T303 GRAYM	9000	WORCESTER(ORH)
	.....	(1)CCC T224 CYN	6000	WRIGHTSTOWN(WRI)
BUFFALO(BUF)	.....	ERI	6000	ERIE(ERI)
BURLINGTON(BTV)	.....	CAM	10000	ALB,SCH
	.....	ALB DENNA (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	BDR, HVN, OXC
	.....	ZYRUP LBNON BASUU	10000	BEDFORD(BED)
	.....	ZYRUP LBNON CON LWRNC	10000	BEVERLY(BVY)
	.....	(3)ZYRUP LBNON CON TOMIE LWRNC	10000	BOSTON(BOS)
	.....	(4)ALB V157 HAARP	10000	DANBURY(DXR)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	ALB V123 HAARP(PROP JETS LESS THAN 250 KT IAS)	10000	DANBURY(DXR)
	.....	ZYRUP GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	ZYRUP GDM T315 HFD	10000	HARTFORD(HFD)
	.....	ZYRUP LBNON CON BOS GAILS	10000	HYANNIS(HYA)
	.....	ZYRUP LBNON CON BOS LFV	10000	NANTUCKET(ACK)
	.....	ALB V123 TRESA	10000	NEW YORK(SWF)
	.....	ZYRUP LBNON BASUU	10000	NORWOOD(OWD)
	.....	ZYRUP GDM T393 PVD	10000	PROVIDENCE(PVD)
	.....	ZYRUP LBNON CON BOS	10000	PROVINCETOWN(PVC)
	.....	ZYRUP LBNON CON BOS	10000	VINEYARD HAVEN(MVY)
	.....	ZYRUP KEYNN	10000	WINDSOR LOCKS(BDL)
	.....	ZYRUP GDM T315 SPENO	10000	WORCESTER(ORH)
CALDWELL(CDW)	.....	BREZY V39 CMK V3 HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
DOVER(DOV)	.....	ENO T358 LEEAH	7000	ATLANTIC CITY(ACY)
	.....	ENO T358 SWANN	6000	BALTIMORE(BWI)
	.....	(1)ENO T224 JFK T315 EEGOR	5000	BRIDGEPORT(BDR)
	.....	ENO T224 HEDGE	3000	EASTON(ESN)
	.....	(1)DOV T224 JFK T315 HFD	5000	HARTFORD(HFD)
	.....	(1)LEEAH T303 JFK T315 HFD	7000	HARTFORD(HFD)
	.....	WNSTN T320 RICED MAD T303 HFD(TWIN ENGINE)	7000	HARTFORD(HFD)
	.....	ENO T335 TRPOD T303 OUTLA	6000	NORFOLK(ORF)
	.....	ENO T335 TRPOD	4000	PATUXENT RIVER(NHK)
	.....	ENO DQO	5000	PHILADELPHIA(PHL)
	.....	ENO T335 TRPOD	6000	SALISBURY(SBY)
	.....	ENO T224 CHOPS T320 VAALI CAPKO	6000	WASHINGTON(DCA)
	.....	ENO DQO	5000	WILMINGTON(ILG)
	.....	ENO T224 CYN	5000	WRIGHTSTOWN(WRI)
ELMIRA/CORNING(ELM)	.....	STUBN GIBBE	8000	ROCHESTER(ROC)
	.....	XUCCO T307 SYR	8000	SYRACUSE(SYR)
	.....	STUBN T440 WLKES	8000	WILKES-BARRE/SCRANTON(AVP)
GROTON (NEW LONDON)(GON)	.....	GON BAF V146 ALB	10000	ALB,SCH
	.....	HFD PWL HUO T299 FJC	5000	ALLENTOWN(ABE)
	.....	(1)GON V374 CREAM T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	YANTC T224 BOS PEASE ENE	10000	AUGUSTA(AUG)
	.....	(1)GON V374 CREAM T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	YANTC T224 BOS PEASE ENE T295 BGR	10000	BANGOR(BGR)
	.....	YANTC T224 BOS PEASE ENE	10000	BAR HARBOR(BHB)
	.....	YANTC T224 WOONS	10000	BEDFORD & NORTH SATS
	.....	(3)YANTC T224 WOONS	10000	BOSTON(BOS)
	.....	(5)PVD T393 INNDY	10000	BOSTON(BOS)
	.....	GON V374 CREAM T634 DENNA	10000	BRIDGEPORT(BDR)
	.....	BAF V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	YANTC T320 GDM T315 BTV	10000	BURLINGTON(BTV)
	.....	YANTC T224 WOONS MANCH	10000	CONCORD(CON)
	.....	(3)GON V374 CREAM EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(5)ORW BAF IGN V157 HAARP	10000	DANBURY(DXR)
	.....	(1)GON V374 CREAM T224 ENO	10000	DOVER(DOV)
	.....	CTR T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	GON CTR T458 STUBN JHW		ERIE(ERI)
	.....	GON V374 CREAM T224 CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	HFD	10000	HARTFORD(HFD)
	.....	PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	YANTC T320 GDM	10000	KEENE(EEN)
	.....	YANTC T320 GDM	10000	LEBANON(LEB)
	.....	YANTC T224 WOONS	10000	MANCHESTER(MHT)
	.....	GON CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	GON V374 CREAM	10000	NEW HAVEN(HVN)
	.....	GON V374 CREAM T224 CCC	10000	NEW YORK(ISP)
	.....	GON V374 CREAM T224 CCC V46 DPK	10000	NEW YORK(JFK)
	.....	GON V374 CREAM EEGOR PRENO	10000	NEW YORK(LGA)
	.....	GON NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(1)HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	.....	(3)GON HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	.....	YANTC T224 WOONS	10000	NORWOOD & SOUTH SATS
	.....	GON V374 CREAM T634 DENNA	10000	OXFORD(OXC)
	.....	(1)GON V374 CREAM T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	(1)GON V374 CREAM T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	YANTC T224 WOONS BOS PEASE ENE	10000	PORTLAND(PWM)
	.....	YANTC T224 WOONS BOS	10000	PORTSMOUTH(PSM)
	.....	PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	(1)GON V374 CREAM T224 COLIN	10000	RICHMOND(RIC)
	.....	GON BAF V146 ALB	10000	ROCHESTER(ROC)
	.....	GON BAF V146 ALB	10000	SYRACUSE(SYR)
	.....	(1)GON V374 CREAM T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	GON V374 MVY	10000	VINEYARD HAVEN(MVY)
	.....	GON V374 CREAM T224 CCC	10000	WESTHAMPTON BEACH(FOK)
	.....	GON V374 CREAM EEGOR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	HFD PWL V34 WEETS LVZ	6000	WILKES-BARRE/SCRANTON(AVP)
	.....	HFD	10000	WINDSOR LOCKS(BDL)
	.....	YANTC T320 GRAYM	10000	WORCESTER(ORH)
	.....	(1)GON V374 CREAM T224 CYN	10000	WRIGHTSTOWN(WRI)
HARRISBURG(CXY)	.....	HAR T299 ETX	7000	ALLENTOWN(ABE)
	.....	LRP V39 ETX	7000	ALLENTOWN(ABE)
	.....	HAR T452 REESY T307 BRIEF(JETS)	7000	ATLANTIC CITY(ACY)
	.....	HAR T452 REESY T307 BRIEF(PROPS/TURBO-PROPS)	5000	ATLANTIC CITY(ACY)
	.....	HAR VINNY BAL	8000	BALTIMORE(BWI)
	.....	LRP T449 KITHE	6000	BALTIMORE(BWI)
	.....	LRP T449 CFB	7000	BINGHAMTON(BGM)
	.....	ETX T299 FJC V6 SBJ T434 NECCK(PROPS ONLY)	7000	NEW YORK(JFK)
	.....	LRP V39 ETX T299 FJC V6 SBJ T434 NECCK(PROPS ONLY)	7000	NEW YORK(JFK)
	.....	HAR T299 ETX T430 SBJ T434 TYKES V123 PROUD(PROPS ONLY)	7000	NEW YORK(LGA)
	.....	LRP V39 ETX T430 SBJ T434 TYKES V123 PROUD(PROPS ONLY)	7000	NEW YORK(LGA)
	.....	ETX T299 FJC BWZ(PROPS ONLY)	7000	NEWARK(EWR)
	.....	LRP V39 ETX T299 FJC BWZ(JETS ONLY)	7000	NEWARK(EWR)
	.....	HAR V210 BUNTS	5000	PHILADELPHIA(PHL)
	.....	LRP V210 BUNTS	5000	PHILADELPHIA(PNE)
	.....	HAR V12 BOYER	6000	READING(RDG)
	.....	LRP LRP082 HUMEL	4000	READING(RDG)
	.....	ETX T299 FJC STW	7000	TETERBORO(TEB)
	.....	LRP V39 ETX T299 FJC STW	7000	TETERBORO(TEB)
	.....	HAR V265 KRANT	8000	WASHINGTON(DCA)
	.....	LRP V93 BAL	8000	WASHINGTON(DCA)
	.....	HAR T299 ETX V39 ROBRT AML	8000	WASHINGTON(IAD)
	.....	LRP V39 ROBRT AML	8000	WASHINGTON(IAD)
	.....	ETX T299 HUO IGN HAARP	7000	WHITE PLAINS(HPN)
	.....	LRP V39 ETX T299 FJC STW SAX V39 BREZY	7000	WHITE PLAINS(HPN)
	.....	LRP T295 LVZ	7000	WILKES-BARRE/SCRANTON(AVP)
	.....	HAR T452 REESY T447 CHAZR(JETS)	7000	WILMINGTON(ILG)
	.....	HAR T452 REESY T447 CHAZR(PROPS/TURBO-PROPS)	5000	WILMINGTON(ILG)
HARTFORD(HFD)	.....	DIRECT	10000	ALBANY(ALB)
	.....	PWL HUO T299 FJC	5000	ALLENTOWN(ABE)
	.....	GON CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	HFD CLOWW(/E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	.....	GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	HFD CLOWW(/E, /F, /G ONLY)	10000	BANGOR(BGR)
	.....	HFD CLOWW(/E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	.....	HFD HFD053 DREEM	10000	BEDFORD & NORTH SATS
	.....	HFD V3 WOONS	10000	BOSTON & SOUTH SATS
	.....	DIRECT	10000	BRIDGEPORT(BDR)
	.....	ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	HFD CLOWW(/E, /F, /G ONLY)	10000	CONCORD(CON)
	.....	(3)HFD T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(5)NELIE VEERS IGN V157 HAARP	10000	DANBURY(DXR)
	.....	GON CCC T224 ENO	10000	DOVER(DOV)
	.....	MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	CTR T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	CTR T458 STUBN JHW		ERIE(ERI)
	.....	HFD GON	10000	GROTON (NEW LONDON)(GON)
	.....	HFD V167 PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	HFD T315 GDM	10000	KEENE(EEN)
	.....	HFD KEYNN	10000	LEBANON(LEB)
	.....	HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	.....	GON CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	MAD T303 BELTT	10000	NEW YORK(ISP)
	.....	MAD T303 DPK	10000	NEW YORK(JFK)
	.....	(3)HFD T303 MAD EEGOR PRENO	10000	NEW YORK(LGA)
	.....	VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(1)HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	.....	(3)HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	.....	PUT PUT105 WOONS	10000	NORWOOD(OWD)
	.....	GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
	.....	HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	.....	HFD V167 PVD	10000	PROVIDENCE(PVD)
	.....	PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	GON CCC T224 COLIN	10000	RICHMOND(RIC)
	.....	MAD BEADS T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)
	.....	ALB	10000	ROCHESTER(ROC)
	.....	ALB	10000	SYRACUSE(SYR)
	.....	GON CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	GON V374 MVY	10000	VINEYARD HAVEN(MVY)
	.....	HFD T303 BELTT	10000	WESTHAMPTON BEACH(FOK)
	.....	(3)HFD T303 MAD EEGOR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	PWL V34 WEETS LVZ	6000	WILKES-BARRE/SCRANTON(AVP)
	.....	GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
HYANNIS(HYA)	.....	PVD V146 ALB	10000	ALB,SCH
	.....	(1)MVY MINNK V374 GON CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	MVY NEWBE SEY ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	FREDO BOS PEASE ENE	10000	AUGUSTA(AUG)
	.....	(1)MVY MINNK V374 GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	MVY NEWBE SEY ORCHA T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	FREDO BOS PEASE ENE T295 BGR	10000	BANGOR(BGR)
	.....	FREDO BOS PEASE ENE	10000	BAR HARBOR(BHB)
	.....	FREDO	10000	BEDFORD(BED)
	.....	FREDO	10000	BOSTON & SATS
	.....	MVY MINNK V374 CREAM T634 DENNA	10000	BRIDGEPORT(BDR)
	.....	MVY NEWBE T216 SEY ORCHA KEYED(WATER)	10000	BRIDGEPORT(BDR)
	.....	PVD V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	PVD T393 GDM T315 BTV	10000	BURLINGTON(BTV)
	.....	FREDO MANCH	10000	CONCORD(CON)
	.....	(3)PVD HFD T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(5)PVD V146 BAF V157 HAARP	10000	DANBURY(DXR)
	.....	(1)MVY MINNK V374 GON CCC T224 ENO	10000	DOVER(DOV)
	.....	MVY NEWBE T216 SEY ORCHA T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	PVD V146 CTR T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	PVD V146 CTR T458 STUBN JHW		ERIE(ERI)
	.....	(5)MVY NEWBE T216 SEY ORCHA CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	MVY MINNK V374 GON CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	DIRECT	10000	GROTON (NEW LONDON)(GON)
	.....	PVD HFD	10000	HARTFORD(HFD)
	.....	PVD T393 KEYNN	10000	KEENE(EEN)
	.....	PVD T393 LBNON	10000	LEBANON(LEB)
	.....	FREDO BOS	10000	MANCHESTER(MHT)
	.....	(1)MVY MINNK V374 GON CCC	10000	NEW YORK(ISP)
	.....	(5)MVY NEWBE T216 SEY ORCHA CCC	10000	NEW YORK(ISP)
	.....	MVY MINNK V374 GON CCC V46 DPK	10000	NEW YORK(JFK)
	.....	MVY NEWBE T216 SEY ORCHA CCC V46 DPK	10000	NEW YORK(JFK)
	.....	PVD V167 HFD T303 MAD EEGOR PRENO	10000	NEW YORK(LGA)
	.....	PVD T255 NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(1)PVD V167 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	.....	(3)PVD V167 HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	.....	FREDO	10000	NORWOOD(OWD)
	.....	(1)MVY MINNK V374 GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	MVY NEWBE T216 SEY ORCHA T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	(1)MVY MINNK V374 GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	MVY NEWBE T216 SEY ORCHA CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	FREDO BOS PEASE ENE	10000	PORTLAND(PWM)
	.....	FREDO BOS	10000	PORTSMOUTH(PSM)
	.....	DIRECT	10000	PROVIDENCE(PVD)
	.....	(1)MVY MINNK V374 GON CCC T224 COLIN	10000	RICHMOND(RIC)
	.....	MVY NEWBE T216 SEY ORCHA T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)
	.....	PVD V146 ALB	10000	ROCHESTER(ROC)
	.....	PVD V146 ALB	10000	SYRACUSE(SYR)
	.....	(1)MVY MINNK V374 GON CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	MVY NEWBE T216 SEY ORCHA T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	(1)MINNK V374 GON CCC	10000	WESTHAMPTON BEACH(FOK)
	.....	(5)MVY NEWBE T216 SEY ORCHA CCC	10000	WESTHAMPTON BEACH(FOK)
	.....	PVD V167 HFD T303 MAD EEGOR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	PVD	10000	WINDSOR LOCKS(BDL)
	.....	PVD PUT	10000	WORCESTER(ORH)
	.....	(1)MVY MINNK V374 GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	MVY NEWBE T216 SEY ORCHA T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
KEENE(EEN)	.....	(3)GDM T315 HFD T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	KEYNN T393 PVD CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
LEBANON(LEB)	.....	GDM T315 HFD T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)
MANCHESTER(MHT)	.....	GDM T314 BAF SASHA T295 LAAYK(GNSS EQUIPPED ONLY)	10000	ALLENTOWN(ABE)
	.....	GDM HFD MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	GDM YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	GDM HFD MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	GDM T314 BAF SASHA T295 LRP V93 BAL(GNSS EQUIPPED ONLY)	10000	BALTIMORE(BWI)
	.....	GDM YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	GDM HFD MAD BEADS T320 MANTA T438 DIXIE	10000	BELMAR/FARMINGDALE(BLM)
	.....	GDM YANTC T224 JFK COL	10000	BELMAR/FARMINGDALE(BLM)
	.....	TOMIE LWRNC	10000	BOSTON(BOS)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
	.....	GDM HFD MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	GDM YANTC T224 ENO	10000	DOVER(DOV)
	.....	KEYNN T295 CTR T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	GDM HFD T303 DPK	10000	FARMINGDALE(FRG)
	.....	GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	GDM T314 BAF SASHA T295 DUMMR T299 HAR(GNSS EQUIPPED ONLY)	10000	HARRISBURG(MDT)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
	.....	BOS GAILS	10000	HYANNIS(HYA)
	.....	GDM T314 BAF SASHA T295 LRP(GNSS EQUIPPED ONLY)	10000	LANCASTER(LNS)
	.....	BOS LFV	10000	NANTUCKET(ACK)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	NEW HAVEN(HVN)
	.....	GDM HFD T303 BELTT	10000	NEW YORK(ISP)
	.....	GDM HFD T303 DPK	10000	NEW YORK(JFK)
	.....	(3)CLOWW WITNY HFD T303 MAD EEGOR PRENO LGA	10000	NEW YORK(LGA)
	.....	GDM T314 BAF VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	GDM HFD MAD BEADS T320 WNSTN T307 OUTLA	10000	NORFOLK(ORF)
	.....	GDM YANTC T224 JFK T303 OUTLA	10000	NORFOLK(ORF)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	OXFORD(OXC)
	.....	GDM HFD MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	GDM YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	GDM HFD MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	GDM YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	GDM T314 BAF SASHA T295 LAAYK T216 PSB GRACE(GNSS EQUIPPED ONLY)	10000	PITTSBURGH(PIT)
	.....	KEYNN CTR	10000	PITTSFIELD(PSF)
	.....	GDM T393 PVD	10000	PROVIDENCE(PVD)
	.....	BOS	10000	PROVINCETOWN(PVC)
	.....	GDM HFD MAD BEADS T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)
	.....	GDM YANTC T224 COLIN	10000	RICHMOND(RIC)
	.....	CAM T316 LAMMS	10000	SYRACUSE(SYR)
	.....	GDM HFD MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	GDM YANTC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	BOS	10000	VINEYARD HAVEN(MVY)
	.....	GDM T320 ORCHA	10000	WESTHAMPTON BEACH(FOK)
	.....	(5)GDM T314 BAF SASHA STUBY PWL IGN V157 HAARP	10000	WHITE PLAINS(HPN)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(RNAV ONLY)	10000	WHITE PLAINS(HPN)
	.....	GDM T320 WNSTN	10000	WILDWOOD(WWD)
	.....	GDM YANTC T224 JFK T315 PANZE V44 SIE	10000	WILDWOOD(WWD)
	.....	GDM T314 BAF SASHA T295 LAAYK(GNSS EQUIPPED ONLY)	10000	WILKES-BARRE/SCRANTON(AVP)
	.....	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
	.....	CLOWW SPENO	10000	WORCESTER(ORH)
MORRISTOWN(MMU)	.....	BREZY V39 CMK V3 HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
NANTUCKET(ACK)	.....	ACK V146 ALB	10000	ALB,SCH
	.....	(1)ACK V146 MVY V374 GON CCC T224 DIXIE T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	ACK T216 SEY ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	FREDO BOS PEASE ENE	10000	AUGUSTA(AUG)
	.....	(1)ACK V146 MVY V374 GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	ACK T216 SEY ORCHA T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	FREDO BOS PEASE ENE T295 BGR	10000	BANGOR(BGR)
	.....	FREDO BOS PEASE ENE	10000	BAR HARBOR(BHB)
	.....	ACK FREDO	10000	BEDFORD(BED)
	.....	ACK FREDO	10000	BOSTON & SATS
	.....	ACK MVY SEY ORCHA KEYED(WATER)	10000	BRIDGEPORT(BDR)
	.....	ACK V146 MVY V374 CREAM T634 DENNA	10000	BRIDGEPORT(BDR)
	.....	ACK V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	ACK V146 PVD T393 GDM T315 BTV	10000	BURLINGTON(BTV)
	.....	FREDO BOS MANCH	10000	CONCORD(CON)
	.....	(3)ACK V146 PVD HFD T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(5)ACK V146 BAF IGN V157 HAARP	10000	DANBURY(DXR)
	.....	MVY SEY T634 CREAM EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(1)ACK V146 MVY V374 GON CCC T224 ENO	10000	DOVER(DOV)
	.....	ACK T216 SEY ORCHA T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	ACK V146 CTR T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	ACK V146 CTR T458 STUBN JHW		ERIE(ERI)
	.....	(5)ACK T216 SEY ORCHA CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	ACK V146 MVY V374 GON CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	ACK	10000	GROTON (NEW LONDON)(GON)
	.....	ACK T216 HFD	10000	HARTFORD(HFD)
	.....	ACK V146 PVD T393 KEYNN	10000	KEENE(EEN)
	.....	ACK V146 PVD T393 LBNON	10000	LEBANON(LEB)
	.....	FREDO BOS MANCH	10000	MANCHESTER(MHT)
	.....	(1)ACK V146 MVY V374 GON CCC	10000	NEW YORK(ISP)
	.....	(5)ACK T216 SEY ORCHA CCC	10000	NEW YORK(ISP)
	.....	(5)ACK T216 SEY ORCHA CCC V46 DPK	10000	NEW YORK(JFK)
	.....	ACK V146 MVY V374 GON CCC V46 DPK	10000	NEW YORK(JFK)
	.....	ACK V146 PVD V167 HFD T303 MAD EEGOR PRENO	10000	NEW YORK(LGA)
	.....	ACK V146 PVD T255 NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(1)ACK V146 PVD V167 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	.....	(3)ACK V146 PVD V167 HFD V3 CMK V623 SAX		NEWARK & SATS
	.....	ACK FREDO	10000	NORWOOD(OWD)
	.....	(1)ACK V146 MVY V374 GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	ACK T216 SEY ORCHA T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	(1)ACK V146 MVY V374 GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	ACK T216 SEY ORCHA T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	FREDO BOS PEASE ENE	10000	PORTLAND(PWM)
	.....	FREDO BOS PEASE	10000	PORTSMOUTH(PSM)
	.....	ACK V146 PVD	10000	PROVIDENCE(PVD)
	.....	(1)ACK V146 MVY V374 GON CCC T224 COLIN	10000	RICHMOND(RIC)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	ACK T216 SEY ORCHA T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)
	.....	ACK V146 ALB	10000	SYRACUSE(SYR)
	.....	(1)ACK V146 MVY V374 GON CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	ACK T216 SEY ORCHA T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	(1)ACK V146 MVY V374 GON CCC	10000	WESTHAMPTON BEACH(FOK)
	.....	(5)ACK T216 SEY ORCHA	10000	WESTHAMPTON BEACH(FOK)
	.....	ACK V146 PVD V167 HFD T303 MAD EEGOR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	MVY SEY T634 CREAM EEGOR ALIXX RYMES(WATER)	10000	WHITE PLAINS(HPN)
	.....	ACK V146 PVD	10000	WINDSOR LOCKS(BDL)
	.....	ACK V146 PUT	10000	WORCESTER(ORH)
	.....	(1)ACK V146 MVY V374 GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	ACK T216 SEY ORCHA T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
NEW YORK(ISP)	.....	SAX V249 SBJ T430 ETX(NON-JETS/NON-TURBOPROPS ONLY)	8000	ALLENTOWN(ABE)
	.....	(1)CCC T224 DIXIE T315 ACY	6000	ATLANTIC CITY(ACY)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	.....	(1)CCC T224 DIXIE T303 LEEAH T358 SWANN	6000	BALTIMORE(BWI)
	.....	(1)CCC T224 ENO T358 SWANN	4000	BALTIMORE(BWI)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	BANGOR(BGR)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	.....	DPK JFK COL	6000	BELMAR/FARMINGDALE(BLM)
	.....	ORCHA SEY	7000	BLOCK ISLAND(BID)
	.....	ORCHA T320 YANTC T224 WOONS	9000	BOSTON(BOS)
	.....	MAD T303 HFD DREEM	9000	BOSTON(NORTH)
	.....	BDR	4000	BRIDGEPORT(BDR)
	.....	BDR JUDDS(/E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	.....	(1)CCC T224 DIXIE T303 LEEAH T315 CHOPS T320 VAALI CAPKO	6000	CAMP SPRINGS(ADW)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	CONCORD(CON)
	.....	ORCHA	3000	EAST HAMPTON(JPX)
	.....	ORCHA MONDI	7000	GROTON (NEW LONDON)(GON)
	.....	SAX V249 SBJ T430 ETX V162 HAR(NON-JETS/NON-TURBOPROPS ONLY)	8000	HARRISBURG(CXY)
	.....	MAD T303 HFD	5000	HARTFORD(HFD)
	.....	ORCHA WACKY PVD T393 GAILS	9000	HYANNIS(HYA)
	.....	BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	KEENE(EEN)
	.....	SAX V249 SBJ LANNA T430 ETX V39 LRP(PROPS ONLY)	8000	LANCASTER(LNS)
	.....	BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	LEBANON(LEB)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	.....	MAD	5000	MERIDEN(MMK)
	.....	(1)CCC T224 JIIMS	6000	MILLVILLE(MIV)
	.....	ORCHA CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	9000	NANTUCKET(ACK)
	.....	HTO WACKY(RNAV/GNSS REQUIRED)	9000	NEW BEDFORD(EWB)
	.....	BDR	4000	NEW HAVEN(HVN)
	.....	DPK	3000	NEW YORK(JFK)
	.....	ORCHA NESSI	6000	NEW YORK(LGA)
	.....	TRANZ	5000	NEW YORK(LGA)
	.....	CMK V188 SAX	4000	NEWARK(EWR)
	.....	(1)CCC T224 DIXIE T303 OUTLA	6000	NORFOLK(ORF)
	.....	ORCHA WACKY(RNAV/GNSS REQUIRED)	9000	NORTH KINGSTOWN(OQU)
	.....	(1)CCC T224 JIIMS OOD	6000	PHILADELPHIA(PHL)
	.....	(1)CCC T224 DIXIE T438 ARD	6000	PHILADELPHIA(PNE)
	.....	MAD HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
	.....	MAD T303 HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	.....	ORCHA WACKY PVD(RNAV/GNSS REQUIRED)	7000	PROVIDENCE(PVD)
	.....	SAX V249 SBJ T430 ETX V39 FLOAT(NON-JETS/NON-TURBOPROPS ONLY)	8000	READING(RDG)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	(1)CCC T224 COLIN	4000	RICHMOND(RIC)
	.....	(1)CCC T224 DIXIE T303 LEEAH T315 CHOPS T224 COLIN	6000	RICHMOND(RIC)
	.....	(1)CCC T224 DIXIE T303 TRPOD	6000	SALISBURY(SBY)
	.....	ORCHA T705 FLAPE	9000	VINEYARD HAVEN(MVY)
	.....	ORCHA WACKY V374 MVY	9000	VINEYARD HAVEN(MVY)
	.....	(1)CCC T224 DIXIE T303 LEEAH T315 CHOPS T320 VAALI CAPKO	6000	WASHINGTON(DCA)
	.....	(1)CCC T224 DIXIE T303 LEEAH T358 OBWON T356 TWIRK T358 MRB	040 OR 060	WASHINGTON(IAD)
	.....	ORCHA T320 GON	9000	WESTERLY(WST)
	.....	BDR RYMES	5000	WHITE PLAINS(HPN)
	.....	ORCHA BDR RYMES	6000	WHITE PLAINS(HPN)
	.....	(1)CCC T224 DIXIE T315 PANZE V44 SIE	6000	WILDWOOD(WWD)
	.....	BDR	10000	WINDSOR LOCKS(BDL)
	.....	MAD T303 GRAYM	9000	WORCESTER(ORH)
	.....	(1)CCC T224 CYN	6000	WRIGHTSTOWN(WRI)
NEW YORK(JFK)	.....	SAX V249 SBJ T430 ETX(NON-JETS/NON-TURBOPROPS ONLY)	8000	ALLENTOWN(ABE)
	.....	DIXIE T303 CRESI		ATLANTIC CITY(ACY)
	.....	DIXIE T315 ACY(PROPS ONLY)	6000	ATLANTIC CITY(ACY)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	.....	DIXIE T224 ENO T358 SWANN(PROPS ONLY)	4000	BALTIMORE(BWI)
	.....	DIXIE T303 LEEAH T358 SWANN(PROPS ONLY)	6000	BALTIMORE(BWI)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	BANGOR(BGR)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	.....	COL	2000	BELMAR/FARMINGDALE(BLM)
	.....	BDR CARLD V188 GON	9000	BLOCK ISLAND(BID)
	.....	BDR HFD FOSTY WOONS(/E, /F, /G, PROPS ONLY)	9000	BOSTON(BOS)
	.....	BDR MAD CARLD ORW WOONS(JETS ONLY)	9000	BOSTON(BOS)
	.....	EEGOR T315 HFD V3 WOONS(PROPS ONLY)	9000	BOSTON(BOS)
	.....	BDR	3000	BRIDGEPORT(BDR)
	.....	BDR JUDDS(/E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	.....	DIXIE T303 LEEAH T315 CHOPS T320 VAALI CAPKO(PROPS ONLY)	6000	CAMP SPRINGS(ADW)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	CONCORD(CON)
	.....	BDR MAD MAD126 MONDI	9000	GROTON (NEW LONDON)(GON)
	.....	SAX V249 SBJ T430 ETX V162 HAR(NON-JETS/NON-TURBOPROPS ONLY)	8000	HARRISBURG(CXY)
	.....	EEGOR T315 HFD	9000	HARTFORD(HFD)
	.....	EEGOR T315 HFD V167 PVD T393 GAILS	9000	HYANNIS(HYA)
	.....	BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	KEENE(EEN)
	.....	SAX V249 SBJ T430 ETX V162 DUMMR T295 LRP(PROPS ONLY)	8000	LANCASTER(LNS)
	.....	BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	LEBANON(LEB)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	.....	BDR MAD	3000	MERIDEN(MMK)
	.....	DIXIE T224 JIIMS(PROPS ONLY)	6000	MILLVILLE(MIV)
	.....	BDR MAD CARLD V188 GON CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	BDR CARLD V188 GON V374 MINNK	9000	NEW BEDFORD(EWB)
	.....	CCC232 CCC(RADAR VECTOR, ILS 6 LOC)	3000	NEW YORK(ISP)
	.....	RADAR VECTOR, ILS 6 LOC	3000	NEW YORK(ISP)
	.....	DIRECT	2000	NEW YORK(LGA)
	.....	NECCK T434 SBJ	3000	NEWARK(EWR)
	.....	DIXIE T303 OUTLA(PROPS ONLY)	6000	NORFOLK(ORF)
	.....	BDR CARLD V188 GON	9000	NORTH KINGSTOWN(OQU)
	.....	DIXIE T224 JIIMS OOD(JETS ONLY)	8000	PHILADELPHIA(PHL)
	.....	DIXIE T224 JIIMS OOD(PROPS ONLY)	6000	PHILADELPHIA(PHL)
	.....	DIXIE T438 ARD	4000	PHILADELPHIA(PNE)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
	.....	BDR HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	BDR CARLD V188 GON(GREATER THAN 210 KTS IAS)	9000	PROVIDENCE(PVD)
	.....	SAX V249 SBJ T430 ETX V39 FLOAT(NON-JETS/NON-TURBOPROPS ONLY)	8000	READING(RDG)
	.....	DIXIE T224 COLIN(PROPS ONLY)	4000	RICHMOND(RIC)
	.....	DIXIE T303 LEEAH T315 CHOPS T224 COLIN(PROPS ONLY)	6000	RICHMOND(RIC)
	.....	DIXIE T303 TRPOD(PROPS ONLY)	6000	SALISBURY(SBY)
	.....	BDR CARLD V188 GON V374 MVY	9000	VINEYARD HAVEN(MVY)
	.....	DIXIE T303 LEEAH T315 CHOPS T320 VAALI CAPKO(PROPS ONLY)	6000	WASHINGTON(DCA)
	.....	DIXIE T303 LEEAH T358 OBWON T356 WOOLY MRB(NON-PRESSURIZED AIRCRAFT ONLY)	6000	WASHINGTON(IAD)
	.....	BDR CARLD V188 GON	9000	WESTERLY(WST)
	.....	DPK V483 CMK	2000	WHITE PLAINS(HPN)
	.....	DIXIE T303 CRESI		WILDWOOD(WWD)
	.....	DIXIE T315 PANZE V44 SIE(PROPS ONLY)	6000	WILDWOOD(WWD)
	.....	BDR	10000	WINDSOR LOCKS(BDL)
	.....	BDR MAD T303 GRAYM	9000	WORCESTER(ORH)
	.....	DIXIE T224 CYN	6000	WRIGHTSTOWN(WRI)
NEW YORK(LGA)	.....	SAX V249 SBJ T430 ETX	8000	ALLENTOWN(ABE)
	.....	DIXIE T315 ACY(PROPS ONLY)	6000	ATLANTIC CITY(ACY)
	.....	JFK T224 DIXIE T303 CRESI		ATLANTIC CITY(ACY)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	.....	SAX V249 SBJ LANNA T430 ETX V39 LRP T449 KITHE(PROPS ONLY)	8000	BALTIMORE(BWI)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	BANGOR(BGR)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	.....	JFK COL	6000	BELMAR/FARMINGDALE(BLM)
	.....	BDR CARLD V188 GON	9000	BLOCK ISLAND(BID)
	.....	BDR HFD FOSTY WOONS(/E, /F, /G, PROPS ONLY)	9000	BOSTON(BOS)
	.....	EEGOR T315 HFD V3 WOONS	9000	BOSTON(BOS)
	.....	BDR248 BDR(HELICOPTER ROUTE; RADAR VECTOR/POINTS NE)	5000	BRIDGEPORT(BDR)
	.....	WRENN PUGGS EEGOR	5000	BRIDGEPORT(BDR)
	.....	BDR JUDDS(/E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	.....	SAX V249 SBJ LANNA T430 ETX V39 LRP V93 BAL(PROPS ONLY)	8000	CAMP SPRINGS(ADW)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	CONCORD(CON)
	.....	BDR MAD MAD126 MONDI	9000	GROTON (NEW LONDON)(GON)
	.....	SAX V249 SBJ T430 ETX V162 HAR	8000	HARRISBURG(CXY)
	.....	EEGOR T315 HFD	9000	HARTFORD(HFD)
	.....	EEGOR T315 HFD V167 PVD T393 GAILS	9000	HYANNIS(HYA)
	.....	BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	KEENE(EEN)
	.....	SAX V249 SBJ T430 ETX V162 DUMMR T295 LRP(PROPS ONLY)	7000	LANCASTER(LNS)
	.....	BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	LEBANON(LEB)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	.....	BDR MAD	5000	MERIDEN(MMK)
	.....	DIXIE T224 JIIMS(PROPS ONLY)	6000	MILLVILLE(MIV)
	.....	BDR MAD CARLD V188 GON CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	BDR CARLD V188 GON V374 MINNK	9000	NEW BEDFORD(EWB)
	.....	BDR248 CCC285 CCC	5000	NEW YORK(ISP)
	.....	DPK	5000	NEW YORK(JFK)
	.....	SBJ	3000	NEWARK(EWR)
	.....	JFK T303 OUTLA		NORFOLK(ORF)
	.....	BDR CARLD V188 GON	9000	NORTH KINGSTOWN(OQU)
	.....	BDR HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
	.....	BDR HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	.....	BDR CARLD V188 GON	9000	PROVIDENCE(PVD)
	.....	SAX V249 SBJ T430 ETX V39 FLOAT	7000	READING(RDG)
	.....	DIXIE T224 COLIN(PROPS ONLY)	4000	RICHMOND(RIC)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	JFK T224 DIXIE T303 LEEAH T315 CHOPS T224 COLIN		RICHMOND(RIC)
	.....	JFK T224 DIXIE T303 TRPOD		SALISBURY(SBY)
	.....	BDR CARLD V188 GON V374 MVY	9000	VINEYARD HAVEN(MVY)
	.....	SAX V249 SBJ LANNA T430 ETX V39 LRP V93 BAL(PROPS ONLY)	8000	WASHINGTON(DCA)
	.....	SAX V249 SBJ LANNA T430 ETX V39 ROBRT AML(PROPS ONLY)	8000	WASHINGTON(IAD)
	.....	CMK	3000	WHITE PLAINS(HPN)
	.....	DIXIE T315 PANZE V44 SIE(PROPS ONLY)	6000	WILDWOOD(WWD)
	.....	JFK T224 DIXIE T303 CRESI		WILDWOOD(WWD)
	.....	BDR	10000	WINDSOR LOCKS(BDL)
	.....	BDR MAD T303 GRAYM	9000	WORCESTER(ORH)
	.....	DIXIE T224 CYN	6000	WRIGHTSTOWN(WRI)
NEW YORK(SWF)	.....	STUBY V487 CANAN	10000	ALB,SCH
	.....	STUBY BAF T314 ENE	10000	AUGUSTA(AUG)
	.....	STUBY BAF T314 ENE T295 BGR	10000	BANGOR(BGR)
	.....	STUBY BAF T314 ENE	10000	BAR HARBOR(BHB)
	.....	PWL HFD V3 WOONS	10000	BOSTON(BOS)
	.....	PWL BAF	10000	BRADLEY(BAF,CEF)
	.....	STUBY V487 CAM	10000	BURLINGTON(BTV)
	.....	STUBY BAF T314 GDM	10000	CONCORD(CON)
	.....	PWL HFD GON	10000	GROTON (NEW LONDON)(GON)
	.....	PWL PWL111 BRISS	10000	HARTFORD(HFD)
	.....	PWL HFD V167 PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	STUBY	10000	KEENE(EEN)
	.....	STUBY	10000	LEBANON(LEB)
	.....	STUBY BAF T314 GDM MANCH	10000	MANCHESTER(MHT)
	.....	PWL HFD T216 GON CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	PWL HFD V3 WOONS	10000	NORWOOD(OWD)
	.....	STUBY BAF T314 ENE	10000	PORTLAND(PWM)
	.....	STUBY BAF T314 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	.....	PWL HFD V167 PVD	10000	PROVIDENCE(PVD)
	.....	PWL HFD V167 PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	WEARD DNY	10000	SYRACUSE(SYR)
	.....	PWL HFD V374 MVY	10000	VINEYARD HAVEN(MVY)
	.....	PWL PWL111 BRISS	10000	WINDSOR LOCKS(BDL)
	.....	PWL BAF	10000	WORCESTER(ORH)
NEWARK(EWR)	.....	LANNA T430 ETX(JETS ONLY)	8000	ALLENTOWN(ABE)
	.....	LANNA T430 ETX(PROPS ONLY)	6000	ALLENTOWN(ABE)
	.....	DIXIE T315 ACY(PROPS ONLY)	6000	ATLANTIC CITY(ACY)
	.....	ELVAE NECCK DIXIE T303 CRESI		ATLANTIC CITY(ACY)
	.....	BREZY V39 CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	.....	LANNA T430 ETX V39 LRP T449 KITHE(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	BALTIMORE(BWI)
	.....	BREZY V39 CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	BANGOR(BGR)
	.....	BREZY V39 CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	.....	COL	2000	BELMAR/FARMINGDALE(BLM)
	.....	(2)BREZY V39 CMK V3 HFD GON	9000	BLOCK ISLAND(BID)
	.....	BREZY V39 CMK V3 HFD T216 GON(GREATER THAN 210 KTS IAS)	9000	BLOCK ISLAND(BID)
	.....	(2)BREZY V39 CMK V3 WOONS	9000	BOSTON(BOS)
	.....	BREZY V39 CMK V3 HFD FOSTY WOONS(/E, /F, /G, PROPS ONLY)	9000	BOSTON(BOS)
	.....	EEGOR T315 HFD V3 WOONS(PROPS 210 KTS OR GREATER)	9000	BOSTON(BOS)
	.....	BREZY V39 CMK T634 DENNA(PROPS ONLY)	6000	BRIDGEPORT(BDR)
	.....	WRENN PUGGS EEGOR(JETS ONLY)	5000	BRIDGEPORT(BDR)
	.....	BREZY V39 CMK SOARS JUDDS(/E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	.....	BREZY V39 CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	CONCORD(CON)
	.....	BREZY V39 CMK	3000	DANBURY(DXR)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	(2)BREZY V39 CMK V3 HFD GON	9000	GROTON (NEW LONDON)(GON)
.....	BDR MAD MAD126 MONDI(210 KTS +)	9000	GROTON (NEW LONDON)(GON)
.....	SBJ LANNA T430 ETX V162 HAR(PROPS 210 KTS OR GREATER)	8000	HARRISBURG(CXY)
.....	SBJ LANNA T430 ETX V162 HAR(PROPS ONLY)	6000	HARRISBURG(CXY)
.....	LANNA T430 ETX T299 HAR(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	HARRISBURG(MDT)
.....	BREZY V39 CMK V3 HFD(LESS THAN 210 KTS IAS)	9000	HARTFORD(HFD)
.....	EEGOR T315 HFD(GREATER THAN 210 KTS IAS)	9000	HARTFORD(HFD)
.....	LANNA T430 ETX(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	HAZLETON(HZL)
.....	BREZY V39 CMK V3 HFD V167 PVD T393 GAILS(LESS THAN 210 KTS IAS)	9000	HYANNIS(HYA)
.....	EEGOR T315 HFD V167 PVD T393 GAILS(GREATER THAN 210 KTS IAS)	9000	HYANNIS(HYA)
.....	BREZY V39 CMK SOARS JUDDS WHATE(/E, /F, /G ONLY)	10000	KEENE(EEN)
.....	LANNA T430 ETX V39 LRP(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	LANCASTER(LNS)
.....	BREZY V39 CMK SOARS JUDDS WHATE(/E, /F, /G ONLY)	10000	LEBANON(LEB)
.....	DIXIE T224 CHOPS T315 KONRD(PROPS ONLY)	4000	LYNCHBURG(LYH)
.....	ELVAE NECCK DIXIE T303 LEEAH T315 CHOPS T224 COLIN(PROPS ONLY)	6000	LYNCHBURG(LYH)
.....	BREZY V39 CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
.....	(2)BREZY V39 CMK V3 YALER	5000	MERIDEN(MMK)
.....	BDR MAD	5000	MERIDEN(MMK)
.....	DIXIE T224 JIIMS(PROPS ONLY)	6000	MILLVILLE(MIV)
.....	BREZY V39 CMK T634 BETHA HTO	6000	MONTAUK(MTP)
.....	SAX V213 HELON	4000	MONTICELLO(MSV)
.....	BREZY V39 CMK V3 HFD T216 GON CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
.....	BREZY V39 CMK V3 HFD V167 PVD(GREATER THAN 210 KTS IAS)	9000	NEW BEDFORD(EWB)
.....	BREZY V39 CMK V3 HFD V167 PVD(LESS THAN 210 KTS IAS)	9000	NEW BEDFORD(EWB)
.....	(2)BREZY V39 CMK T634 DENNA T705 CCC	6000	NEW YORK(ISP)
.....	BDR248 CCC285 CCC(JETS ONLY; RADAR VECTOR)	5000	NEW YORK(ISP)
.....	COL JFK(EWR DEP 22 & EWRS)	4000	NEW YORK(JFK)
.....	DPK282(EWR DEP 4 & EWRN)	5000	NEW YORK(JFK)
.....	SAX SAX022 MANEE	4000	NEW YORK(SWF)
.....	ELVAE NECCK DIXIE T303 OUTLA		NORFOLK(ORF)
.....	BREZY V39 CMK V3 HFD T216 GON(GREATER THAN 210 KTS IAS)	9000	NORTH KINGSTOWN(OQU)
.....	BREZY V39 CMK V3 HFD V167 PVD(LESS THAN 210 KTS IAS)	9000	NORTH KINGSTOWN(OQU)
.....	ELVAE NECCK DIXIE T303 ISO V1 CRE		NORTH MYRTLE BEACH(CRE)
.....	BREZY V39 CMK T634 DENNA	6000	OXFORD(OXC)
.....	(4)BIGGY V3 MAZIE(ALL OTHER PROPS-4000)	8000	PHILADELPHIA(PHL)
.....	BIGGY V3 MAZIE	4000	PHILADELPHIA(PNE)
.....	BREZY V39 CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
.....	BREZY V39 CMK V3 HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
.....	SBJ BIGGY V3 MAZIE	4000	POTTSTOWN(PTW)
.....	SAX V213 HELON	4000	POUGHKEEPSIE(POU)
.....	BREZY V39 CMK V3 HFD V167 PVD(GREATER THAN 210 KTS IAS)	9000	PROVIDENCE(PVD)
.....	BREZY V39 CMK V3 HFD V167 PVD(LESS THAN 210 KTS IAS)	9000	PROVIDENCE(PVD)
.....	DIXIE T224 TAPPA T398 RDU(PROPS ONLY)	4000	RALEIGH/DURHAM(RDU)
.....	ELVAE NECCK DIXIE T303 LEEAH T315 CHOPS T224 TAPPA HOUKY MEYER		RALEIGH/DURHAM(RDU)
.....	(4)LANNA T430 ETX(ALL OTHER PROPS-6000)	8000	READING(RDG)
.....	DIXIE T224 COLIN(PROPS ONLY)	4000	RICHMOND(RIC)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	ELVAE NECCK DIXIE T303 LEEAH T315 CHOPS T224 COLIN		RICHMOND(RIC)
	.....	ELVAE NECCK DIXIE T303 TRPOD		SALISBURY(SBY)
	.....	BIGGY V3 MAZIE	4000	TRENTON(TTN)
	.....	BREZY V39 CMK V3 HFD GON V374 MVY(LESS THAN 210 KTS IAS)	9000	VINEYARD HAVEN(MVY)
	.....	BREZY V39 CMK V3 HFD T216 GON V374 MVY(210 KTS)	9000	VINEYARD HAVEN(MVY)
	.....	LANNA T430 ETX V39 LRP V93 BAL(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	WASHINGTON(DCA)
	.....	LANNA T430 ETX V39 ROBRT AML(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	WASHINGTON(IAD)
	.....	BREZY V39 CMK T634 BETHA ORCHA	6000	WESTHAMPTON BEACH(FOK)
	.....	BREZY	3000	WHITE PLAINS(HPN)
	.....	DIXIE T315 PANZE V44 SIE(PROPS ONLY)	6000	WILDWOOD(WWD)
	.....	ELVAE NECCK DIXIE T303 HOWIE		WILDWOOD(WWD)
	.....	(4)BIGGY V3 MAZIE(ALL OTHER PROPS-4000)	8000	WILMINGTON(ILG)
	.....	BDR(JETS ONLY)	10000	WINDSOR LOCKS(BDL)
	.....	BREZY V39 CMK V419 JUDDS(PROPS ONLY)	9000	WINDSOR LOCKS(BDL)
	.....	BDR MAD T303 GRAYM(GREATER THAN 210 KTS IAS)	9000	WORCESTER(ORH)
	.....	BREZY V39 CMK V3 HFD T303 GRAYM(LESS THAN 210 KTS IAS)	9000	WORCESTER(ORH)
	.....	DIXIE T224 CYN	6000	WRIGHTSTOWN(WRI)
NORFOLK(ORF)	.....	HCM T291 COLIN	12000	PATUXENT RIVER(NHK)
	.....	HOUKY(WEST BND ONLY)	9000	RICHMOND(RIC)
	.....	OUTLA T303 TRPOD	5000	SALISBURY(SBY)
	.....	HCM SVILL	7000	WASHINGTON(DCA)
PATUXENT RIVER(NHK)	.....	SHLBK T224 CHOPS T315 LEEAH	5000	ATLANTIC CITY(ACY)
	.....	TRPOD T303 PEAPS	5000	ATLANTIC CITY(ACY)
	.....	ZJAAY T307 WNSTN T320 AVALO	5000	ATLANTIC CITY(ACY)
	.....	SHLBK T295 GRACO	5000	BALTIMORE(BWI)
	.....	TRPOD CHOPS GRACO	6000	BALTIMORE(BWI)
	.....	SHLBK T224 ENO	5000	DOVER(DOV)
	.....	TRPOD T303 ATR	5000	DOVER(DOV)
	.....	TRPOD T335 ENO	5000	DOVER(DOV)
	.....	TRPOD T303 OUTLA	6000	NORFOLK(ORF)
	.....	WHINO COLIN T291 FAGED STEIN	5000	NORFOLK(ORF)
	.....	ZJAAY T307 OUTLA	6000	NORFOLK(ORF)
	.....	SHLBK T224 ENO DQO	5000	PHILADELPHIA(PHL)
	.....	TRPOD T335 DQO	5000	PHILADELPHIA(PHL)
	.....	SHLBK T224 COLIN	6000	RICHMOND(RIC)
	.....	SHLBK ARUYE CAPKO	4000	WASHINGTON(DCA)
	.....	TRPOD CHURK CAPKO	4000	WASHINGTON(DCA)
PHILADELPHIA(PHL)	.....	FJC	4000	ALLENTOWN(ABE)
	.....	OOD VCN V184 ACY	3000	ATLANTIC CITY(ACY)
	.....	DQO BAINS TRISH (RNAV)-STAR(TURBOJETS ONLY)	10000	BALTIMORE(BWI)
	.....	DQO V166 BELAY V378 BAL(PROPS ONLY)	6000/8000	BALTIMORE(BWI)
	.....	OOD ENO	4000	DOVER(DOV)
	.....	MXE V184 PADRE JOANE V469 HAR	6000	HARRISBURG(CXY)
	.....	MXE HABER LRP	4000	LANCASTER(LNS)
	.....	ARD T438 DIXIE T224 JFK(SINGLE ENGINE PROPS/TURBOPROPS ONLY)	5000	NEW YORK(JFK)
	.....	OOD RIDNG T416 CYN T224 DIXIE T438 ZIGGI(MULTI-ENGINE PROPS/TURBOPROPS ONLY)	5000	NEW YORK(JFK)
	.....	OOD RIDNG T416 CYN T224 JFK(SINGLE ENGINE PROPS/TURBOPROPS ONLY)	5000	NEW YORK(JFK)
	.....	RBV T438 ZIGGI(MULTI-ENGINE PROPS/TURBOPROPS ONLY)	5000	NEW YORK(JFK)
	.....	RBV V123 PROUD(JETS ONLY)	8000	NEW YORK(LGA)
	.....	ARD METRO(NON-TURBOJETS ONLY)	5000	NEWARK(EWR)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	ARD METRO(TURBOJETS ONLY)	7000	NEWARK(EWR)
	.....	MXE HUMEL	4000	READING(RDG)
	.....	MXE V3 SBJ	4000	TETERBORO(TEB)
	.....	DQO V166 BELAY V378 CLIPR CLIPR (RNAV)-STAR(TURBOJETS ONLY)	8000	WASHINGTON(DCA)
	.....	MXE V408 VINNY V93 BAL	8000	WASHINGTON(DCA)
	.....	MXE V408 ROBRT AML	8000	WASHINGTON(IAD)
	.....	FJC STW SAX V39 BREZY	5000	WHITE PLAINS(HPN)
	.....	FJC LVZ	5000	WILKES-BARRE/SCRANTON(AVP)
PORTLAND(PWM)	.....	CON CAM	10000	ALB,SCH
	.....	ENE LWRNC	10000	BEDFORD & NORTH SATS
	.....	(3)ENE PEASE STEVO LWRNC	10000	BOSTON(BOS)
	.....	(5)ENE V167 SCUPP	10000	BOSTON(BOS)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
	.....	CLOWW WITNY HFD T303 DPK	10000	FARMINGDALE(FRG)
	.....	ENE T314 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
	.....	ENE T287 HAVNS	10000	HYANNIS(HYA)
	.....	ENE T287 HAVNS LFV	10000	NANTUCKET(ACK)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	NEW HAVEN(HVN)
	.....	CLOWW WITNY HFD T303 BELTT	10000	NEW YORK(ISP)
	.....	CLOWW WITNY HFD T303 DPK	10000	NEW YORK(JFK)
	.....	ENE T314 BAF VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	ENE LWRNC	10000	NORWOOD(OWD)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	OXFORD(OXC)
	.....	(1)CLOWW WITNY HFD MAD JAFFY T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	CLOWW WITNY HFD MAD BEADS T320 BRIGS V184 OOD	10000	PHILADELPHIA(PHL)
	.....	(1)ENE T314 GDM T320 MOGUL YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	CLOWW WITNY HFD MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	ENE T287 BURDY	10000	PROVIDENCE(PVD)
	.....	ENE T287 HAVNS	10000	PROVINCETOWN(PVC)
	.....	ENE T287 HAVNS	10000	VINEYARD HAVEN(MVY)
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(RNAV ONLY)	10000	WHITE PLAINS(HPN)
	.....	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
	.....	CLOWW SPENO	10000	WORCESTER(ORH)
PORTSMOUTH(PSM)	.....	MANCH T314 BAF SASHA T295 LAAYK(GNSS EQUIPPED ONLY)	10000	ALLENTOWN(ABE)
	.....	CLOWW WITNY HFD MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	GDM YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	CLOWW WITNY HFD MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	GDM YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	MANCH T314 BAF SASHA T295 LRP V93 BAL(GNSS EQUIPPED ONLY)	10000	BALTIMORE(BWI)
	.....	LWRNC	10000	BEDFORD(BED)
	.....	CLOWW WITNY HFD MAD BEADS T320 MANTA T438 DIXIE	10000	BELMAR/FARMINGDALE(BLM)
	.....	GDM YANTC T224 JFK COL	10000	BELMAR/FARMINGDALE(BLM)
	.....	STEVO LWRNC	10000	BOSTON(BOS)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
	.....	CLOWW WITNY HFD MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	GDM YANTC T224 ENO	10000	DOVER(DOV)
	.....	CLOWW WITNY HFD T303 DPK	10000	FARMINGDALE(FRG)
	.....	MANCH T314 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	MANCH T314 BAF SASHA T295 DUMMR T299 HAR(GNSS EQUIPPED ONLY)	10000	HARRISBURG(MDT)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
	.....	LBSTA T287 HAVNS	10000	HYANNIS(HYA)
	.....	MANCH T314 BAF SASHA T295 LRP(GNSS EQUIPPED ONLY)	10000	LANCASTER(LNS)
	.....	LBSTA T287 HAVNS LFV	10000	NANTUCKET(ACK)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	NEW HAVEN(HVN)
	.....	CLOWW WITNY HFD T303 BELTT	10000	NEW YORK(ISP)
	.....	CLOWW WITNY HFD T303 DPK	10000	NEW YORK(JFK)
	.....	(3)CLOWW WITNY HFD T303 MAD EEGOR PRENO LGA	10000	NEW YORK(LGA)
	.....	MANCH T314 BAF VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	.....	CLOWW WITNY HFD MAD BEADS T320 WNSTN T307 OUTLA	10000	NORFOLK(ORF)
	.....	GDM YANTC T224 JFK T303 OUTLA	10000	NORFOLK(ORF)
	.....	LWRNC	10000	NORWOOD(OWD)
	.....	CLOWW WITNY HFD(RNAV ONLY)	10000	OXFORD(OXC)
	.....	CLOWW WITNY HFD MAD BEADS T320 BRIGS V184 OOD	10000	PHILADELPHIA(PHL)
	.....	GDM YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	CLOWW WITNY HFD MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	GDM YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	MANCH T314 BAF SASHA T295 LAAYK T216 PSB GRACE(GNSS EQUIPPED ONLY)	10000	PITTSBURGH(PIT)
	.....	KEYNN CTR	10000	PITTSFIELD(PSF)
	.....	MANCH T314 GDM T393 PVD	10000	PROVIDENCE(PVD)
	.....	LBSTA T287 HAVNS	10000	PROVINCETOWN(PVC)
	.....	CLOWW WITNY HFD MAD BEADS T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)
	.....	GDM YANTC T224 COLIN	10000	RICHMOND(RIC)
	.....	CAM T316 LAMMS	10000	SYRACUSE(SYR)
	.....	CLOWW WITNY HFD MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	GDM YANTC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	LBSTA T287 HAVNS	10000	VINEYARD HAVEN(MVY)
	.....	MANCH T314 GDM T320 ORCHA	10000	WESTHAMPTON BEACH(FOK)
	.....	(5)MANCH T314 BAF SASHA STUBY PWL IGN V157 HAARP	10000	WHITE PLAINS(HPN)
	.....	CLOWW WITNY HFD T303 MAD EEGOR ALIXX RYMES(RNAV ONLY)	10000	WHITE PLAINS(HPN)
	.....	CLOWW WITNY HFD MAD BEADS T320 WNSTN	10000	WILDWOOD(WWD)
	.....	GDM YANTC T224 JFK T315 PANZE V44 SIE	10000	WILDWOOD(WWD)
	.....	MANCH T314 BAF SASHA T295 LAAYK(GNSS EQUIPPED ONLY)	10000	WILKES-BARRE/SCRANTON(AVP)
	.....	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
	.....	CLOWW SPENO	10000	WORCESTER(ORH)
PROVIDENCE(PVD)	.....	PUT ALB	10000	ALB,SCH
	.....	HFD PWL HUO T299 FJC	5000	ALLENTOWN(ABE)
	.....	(1)YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	WOONS BOS PEASE ENE	10000	AUGUSTA(AUG)
	.....	(1)YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	WOONS BOS PEASE ENE	10000	BANGOR(BGR)
	.....	WOONS BOS PEASE ENE	10000	BAR HARBOR(BHB)
	.....	WOONS	10000	BEDFORD & NORTH SATS
	.....	(3)WOONS	10000	BOSTON(BOS)
	.....	HFD	10000	BRIDGEPORT(BDR)
	.....	PUT ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	PUT T393 GDM T315 BTV	10000	BURLINGTON(BTV)
	.....	WOONS MANCH	10000	CONCORD(CON)
	.....	(3)HFD T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(5)PUT BAF IGN V157 HAARP	10000	DANBURY(DXR)
	.....	(1)YANTC T224 ENO	10000	DOVER(DOV)
	.....	PUT CTR T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	PUT CTR T458 STUBN JHW		ERIE(ERI)
	.....	YANTC T224 CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	HFD PWL HUO T299 FJC	5000	HARRISBURG(MDT)
	.....	HFD	10000	HARTFORD(HFD)
	.....	PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	PUT T393 KEYNN	10000	KEENE(EEN)
	.....	PUT T393 LBNON	10000	LEBANON(LEB)
	.....	WOONS	10000	MANCHESTER(MHT)
	.....	NEWBE CLAMY(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	HFD	10000	NEW HAVEN(HVN)
	.....	SEY ORCHA CCC	10000	NEW YORK(ISP)
	.....	YANTC T224 CCC V46 DPK	10000	NEW YORK(JFK)
	.....	PVD V167 HFD T303 MAD EEGOR PRENO	10000	NEW YORK(LGA)
	.....	PVD T255 NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(1)PVD V167 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	.....	(3)PVD V167 HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	.....	WOONS	10000	NORWOOD & SOUTH SATS
	.....	HFD	10000	OXFORD(OXC)
	.....	(1)YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	(1)YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	WOONS BOS PEASE ENE	10000	PORTLAND(PWM)
	.....	WOONS BOS	10000	PORTSMOUTH(PSM)
	.....	PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	(1)YANTC T224 COLIN	10000	RICHMOND(RIC)
	.....	PUT ALB	10000	ROCHESTER(ROC)
	.....	PUT ALB	10000	SYRACUSE(SYR)
	.....	(1)YANTC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	PVD V167 TUTOR	10000	VINEYARD HAVEN(MVY)
	.....	SEY ORCHA CCC	10000	WESTHAMPTON BEACH(FOK)
	.....	PVD V167 HFD T303 MAD EEGOR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	HFD PWL V34 WEETS T212 LVZ	6000	WILKES-BARRE/SCRANTON(AVP)
	.....	PVD	10000	WINDSOR LOCKS(BDL)
	.....	PUT	10000	WORCESTER(ORH)
	.....	(1)YANTC T224 CYN	10000	WRIGHTSTOWN(WRI)
READING(RDG)	.....	ETX	3000	ALLENTOWN(ABE)
	.....	BOYER V12 HAR	4000	HARRISBURG(CXY)
	.....	BOYER V39 LRP	4000	LANCASTER(LNS)
	.....	FJC BWZ	5000	NEWARK(EWR)
	.....	MXE355 BUNTS	5000	PHILADELPHIA(PHL)
	.....	PTW	5000	PHILADELPHIA(PNE)
	.....	DUMMR T295 LVZ	5000	WILKES-BARRE/SCRANTON(AVP)
	.....	FOLEZ T447 APEER	4000	WILMINGTON(ILG)
RICHMOND(RIC)	.....	ZUNAR OJAAY IRONS IRONS-STAR	8000	WASHINGTON(DCA)
ROME(RME)	.....	LAMMS T316 GALWA	10000	ALB,SCH
	.....	LAMMS T608 ALB	10000	ALB,SCH

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	SYR T307 STUBN	8000	ELMIRA/CORNING(ELM)
	.....	LAMMS T608 SYR	10000	SYRACUSE(SYR)
SYRACUSE(SYR)	.....	SYR RAHKS DENNA (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	BDR, HVN, OXC
	.....	SYR T608 LOBBY	10000	BEDFORD(BED)
	.....	SYR T335 CFB	6000	BINGHAMTON(BGM)
	.....	SYR T608 REVER	10000	BOSTON(BOS)
	.....	(3)RKA V433 TRESA V123 HAARP	10000	DANBURY(DXR)
	.....	SYR T307 STUBN	6000	ELMIRA/CORNING(ELM)
	.....	ALB T300 STELA	10000	GROTON (NEW LONDON)(GON)
	.....	ALB	10000	HARTFORD(HFD)
	.....	ALB CTR PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	ALB CTR PVD CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	SYR T608 LOBBY	10000	NORWOOD(OWD)
	.....	CAM CON	10000	PORTLAND(PWM)
	.....	ALB CTR PVD	10000	PROVIDENCE(PVD)
	.....	ALB CTR PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	SYR ROC	10000	ROCHESTER(ROC)
	.....	ALB CTR PVD V405 MVY	10000	VINEYARD HAVEN(MVY)
	.....	ALB	10000	WINDSOR LOCKS(BDL)
	.....	ALB T300 STELA	10000	WORCESTER(ORH)
TETERBORO(TEB)	.....	BREZY V39 CMK V3 HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
TRENTON(TTN)	.....	ARD FJC	4000	ALLENTOWN(ABE)
	.....	ARD FJC	4000	ALLENTOWN(XLL)
	.....	ARD T438 DIXIE T224 CYN CRESI(JETS)	6000	ATLANTIC CITY(ACY)
	.....	ARD T438 DIXIE T224 CYN CRESI(PROPS / TURBOPROPS)	4000	ATLANTIC CITY(ACY)
	.....	MXE T456 PADRE DELRO T456 VINSE	8000	BEAVER FALLS(BVI)
	.....	PTW V12 BOYER V170 RAV V170 SEG GRACE	4000 / 6000 / 8000	BEAVER FALLS(BVI)
	.....	ARD T438 DIXIE T315 PUGGS(SINGLE-ENGINE)	5000 / 7000	BRIDGEPORT(BDR)
	.....	ARD T438 MANTA T320 RICED KEYED(MULTI-ENGINE)	5000 / 7000	BRIDGEPORT(BDR)
	.....	FJC T299 HUO IGN LOVES T705 DENNA(SINGLE-ENGINE)	4000	BRIDGEPORT(BDR)
	.....	MXE T456 PADRE DELRO T456 VINSE	6000 / 8000	BUTLER(BTP)
	.....	PTW V12 BOYER T356 SEG T430 PSB GRACE	6000 / 8000	BUTLER(BTP)
	.....	ARD T438 DIXIE T315 PUGGS(SINGLE-ENGINE)	5000 / 7000	CHESTER(SNC)
	.....	ARD T438 MANTA T320 RICED KEYED(MULTI-ENGINE)	5000 / 7000	CHESTER(SNC)
	.....	FJC T299 HUO IGN LOVES T705 DENNA(SINGLE-ENGINE)	4000	CHESTER(SNC)
	.....	ARD FJC T221 LAAYK T216 IGN T314 SASHA T295 CON(SINGLE-ENGINE)	4000	CONCORD(CON)
	.....	ARD T438 DIXIE T224 JFK T315 HFD GRAYM GDM MANCH(SINGLE-ENGINE)	5000 / 7000	CONCORD(CON)
	.....	MXE T456 PADRE DELRO V184 PSB	6000 / 8000	DUBOIS(DUJ)
	.....	PTW V12 BOYER HAR V12 AGC	6000 / 8000	DUBOIS(DUJ)
	.....	ARD RBV T438 DIXIE T224 CYN T224 CHOPS(SINGLE-ENGINE)	4000 / 6000	EASTON(ESN)
	.....	ARD RBV T438 DIXIE T224 CYN T303 LEEAH T315 CHOPS(MULTI-ENGINE)	4000 / 6000	EASTON(ESN)
	.....	HOSKR T447 ENO T224 CHOPS	6000 / 8000	EASTON(ESN)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	ARD RBV T438 DIXIE T224 COLIN T291 HCM(SINGLE-ENGINE)	4000 / 6000	ELIZABETH CITY(ECG)
.....	ARD RBV T438 DIXIE T224 CYN T303 ORF(MULTI-ENGINE)	4000 / 6000	ELIZABETH CITY(ECG)
.....	MXE DQO ENO T224 SHLBK T224 COLIN T291 HCM ORF	4000 / 6000	ELIZABETH CITY(ECG)
.....	MXE T456 PADRE DELRO T456 SCAPE HGR V377 ESL(GREATER THAN 210 KTS)	8000 / 6000	ELKINS(EKN)
.....	MXE V408 VINNY TWIRK T358 MRB V166 ESL(PROPS LESS THAN 210 KTS)	8000 / 6000	ELKINS(EKN)
.....	MXE V408 ROBRT(ALL NON-RNAV)	8000	FREDERICK(FDK)
.....	MXE V408 VINNY TWIRK(ALL RNAV)	8000	FREDERICK(FDK)
.....	ARD FJC T221 CFB T335 SYR	4000	FULTON(FZY)
.....	ARD RBV T438 DIXIE T224 CYN T303 ATR(MULTI-ENGINE)	4000 / 6000	GEORGETOWN(GED)
.....	ARD RBV T438 DIXIE T224 ENO(SINGLE-ENGINE)	4000 / 6000	GEORGETOWN(GED)
.....	HOSKR T447 ENO	4000 / 6000	GEORGETOWN(GED)
.....	ARD FJC T221 LAAYK T216 IGN CON	4000	LACONIA(LCI)
.....	ARD T438 DIXIE T224 JFK T315 GDM T393 KEYNN T295 CON T395 GRUMP	5000 / 7000	LACONIA(LCI)
.....	PTW LRP	4000	LANCASTER(LNS)
.....	ARD RBV T438 DIXIE T224 CYN T224 TAPPA T295 KREGG DUFFI RDU V136 FAY	6000	LUMBERTON(LBT)
.....	ARD RBV T438 DIXIE T224 CYN T303 ISO V157 FAY(MULTI-ENGINE)	6000 / 8000	LUMBERTON(LBT)
.....	HOSKR T447 ENO T224 TAPPA T398 RDU V136 FAY	6000	LUMBERTON(LBT)
.....	ARD FJC T221 LAAYK T216 IGN T314 SASHA T295 CON(SINGLE-ENGINE)	4000	MANCHESTER(MHT)
.....	ARD T438 DIXIE T224 JFK T315 HFD GRAYM GDM MANCH(SINGLE-ENGINE)	5000 / 7000	MANCHESTER(MHT)
.....	ARD RBV T438 DIXIE T224 CYN T224 ENO T335 ZJAAY(SINGLE-ENGINE)	4000 / 6000	MELFA(MFV)
.....	ARD RBV T438 DIXIE T303 TRPOD T335 ZJAAY(MULTI-ENGINE)	4000 / 6000	MELFA(MFV)
.....	HOSKR T447 ENO T335 ZJAAY	4000 / 6000	MELFA(MFV)
.....	ARD T438 DIXIE T224 CYN CRESI(JETS)	6000	MILLVILLE(MIV)
.....	ARD T438 DIXIE T224 CYN CRESI(PROPS / TURBOPROPS)	4000	MILLVILLE(MIV)
.....	PTW LRP	4000	MOUNT JOY/MARIETTA(N71)
.....	ARD FJC T221 RITTY	4000	MOUNT POCONO(MPO)
.....	ARD FJC V162 HUO CMK V188 KURTY V374 MINNK	4000	NEW BEDFORD(EWB)
.....	ARD T438 DIXIE T224 JFK T315 HFD V167 PVD(SINGLE-ENGINE)	7000	NEW BEDFORD(EWB)
.....	ARD T438 MANTA T320 GON MINNK(MULTI-ENGINE)	9000	NEW BEDFORD(EWB)
.....	ARD T438 DIXIE T315 PUGGS(SINGLE-ENGINE)	5000 / 7000	NEW HAVEN(HVN)
.....	ARD T438 MANTA T320 RICED KEYED(MULTI-ENGINE)	5000 / 7000	NEW HAVEN(HVN)
.....	FJC T299 HUO IGN LOVES T705 DENNA(SINGLE-ENGINE)	4000	NEW HAVEN(HVN)
.....	ARD FJC T221 LAAYK RAGER	4000	NEW YORK(SWF)
.....	ARD RBV T438 DIXIE T224 CYN T303 OUTLA(MULTI-ENGINE)	4000 / 6000	NEWPORT NEWS(PHF)
.....	ARD T438 DIXIE T224 COLIN T291 HCM(SINGLE-ENGINE)	4000 / 6000	NEWPORT NEWS(PHF)
.....	MXE DQO ENO T224 SHLBK T224 COLIN T291 HCM	4000 / 6000	NEWPORT NEWS(PHF)
.....	ARD RBV T438 DIXIE T224 CYN T303 TRPOD	4000 / 6000	OCEAN CITY(OXB)
.....	ARD T438 DIXIE T224 CYN T224 ENO T335 TRPOD(SINGLE-ENGINE)	4000 / 6000	OCEAN CITY(OXB)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	HOSKR T447 ENO T335 TRPOD	4000 / 6000	OCEAN CITY(OXB)
	.....	ARD T438 DIXIE T315 PUGGS(SINGLE-ENGINE)	5000 / 7000	OXFORD(OXC)
	.....	ARD T438 MANTA T320 RICED KEYED(MULTI-ENGINE)	5000 / 7000	OXFORD(OXC)
	.....	FJC T299 HUO IGN LOVES T705 DENNA(SINGLE-ENGINE)	4000	OXFORD(OXC)
	.....	MXE T456 PADRE DELRO T456 VINSE NESTO	6000 / 8000	PITTSBURGH(AGC)
	.....	PTW V12 BOYER HAR V12 AGC	6000 / 8000	PITTSBURGH(AGC)
	.....	ARD FJC T221 LAAYK T216 IGN T314 SASHA T295 ENE(SINGLE-ENGINE)	4000	PORTLAND(PWM)
	.....	ARD FJC T221 LAAYK T216 IGN T314 SASHA T295 CON(SINGLE-ENGINE)	4000	PORTSMOUTH(PSM)
	.....	ARD T438 DIXIE T224 JFK T315 HFD GRAYM GDM RAYMY(SINGLE-ENGINE)	5000 / 7000	PORTSMOUTH(PSM)
	.....	ARD FJC T221 LAAYK RAGER	4000	POUGHKEEPSIE(POU)
	.....	PTW HUMEL	4000	READING(RDG)
	.....	ARD FJC T221 LAAYK T291 LEDIE DANZI CODDI T705 LAMMS	4000	ROME(RME)
	.....	ARD RBV T438 DIXIE T224 CYN T303 TRPOD	4000 / 6000	SALISBURY(SBY)
	.....	ARD T438 DIXIE T224 CYN T224 ENO T335 TRPOD(SINGLE-ENGINE)	4000 / 6000	SALISBURY(SBY)
	.....	ARD RBV T438 DIXIE T224 CYN T303 ORF T307 PEARS(MULTI-ENGINE)	6000	WASHINGTON(OCW)
	.....	ARD RBV T438 DIXIE T224 TAPPA T295 HOUKY COUPN KOHLS PEARS(SINGLE-ENGINE)	4000	WASHINGTON(OCW)
	.....	ARD FJC T221 CFB T335 SYR T391 ART	4000	WATERTOWN(ART)
	.....	PTW T335 SYR T391 ART	8000	WATERTOWN(ART)
	.....	ARD FJC T299 HUO IGN V157 HAARP	4000	WHITE PLAINS(HPN)
	.....	ARD T438 DIXIE T224 CYN CRESI(JETS)	6000	WILDWOOD(WWD)
	.....	ARD T438 DIXIE T224 CYN CRESI(PROPS / TURBOPROPS)	4000	WILDWOOD(WWD)
	.....	ARD FJC T221 RITTY	4000	WILKES-BARRE/SCRANTON(AVP)
	.....	ARD FJC LYKOM	4000	WILLIAMSPORT(IPT)
	.....	ARD RBV T438 DIXIE T224 MCDON T480 GSO	6000	WINSTON SALEM(INT)
	.....	MXE T456 PADRE DELRO SCAPE HGR MRB T358 GSO	8000	WINSTON SALEM(INT)
VINEYARD HAVEN(MVY)	.....	PVD V146 ALB	10000	ALB,SCH
	.....	(1)MVY V374 GON CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	(1)NEWBE T216 SEY ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	(1)MVY V374 GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	NEWBE T216 SEY ORCHA T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	FREDO BOS PEASE ENE	10000	BAR HARBOR(BHB)
	.....	FREDO	10000	BOSTON & SATS
	.....	MVY V374 CREAM T634 DENNA	10000	BRIDGEPORT(BDR)
	.....	NEWBE T216 SEY ORCHA KEYED	10000	BRIDGEPORT(BDR)
	.....	PVD V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	PVD T393 GDM T315 BTV	10000	BURLINGTON(BTV)
	.....	FREDO MANCH	10000	CONCORD(CON)
	.....	(2)PVD HFD T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(5)MVY V146 BAF IGN V157 HAARP	10000	DANBURY(DXR)
	.....	SEY T634 CREAM EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(1)MVY V374 GON CCC T224 ENO	10000	DOVER(DOV)
	.....	(1)NEWBE T216 SEY ORCHA T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	PVD V146 CTR T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	PVD V146 CTR T458 STUBN JHW		ERIE(ERI)
	.....	NEWBE T216 SEY ORCHA CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	V374 GON CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	NEWBE T216 HFD	10000	HARTFORD(HFD)
	.....	PVD T393 KEYNN	10000	KEENE(EEN)
	.....	PVD T393 GDM	10000	LEBANON(LEB)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	FREDO BOS MANCH	10000	MANCHESTER(MHT)
	.....	(1)V374 GON CCC	10000	NEW YORK(ISP)
	.....	(5)NEWBE T216 SEY ORCHA CCC	10000	NEW YORK(ISP)
	.....	MVY V374 GON CCC V46 DPK	10000	NEW YORK(JFK)
	.....	NEWBE T216 SEY ORCHA CCC V46 DPK	10000	NEW YORK(JFK)
	.....	PVD V167 HFD T303 MAD EEGOR PRENO	10000	NEW YORK(LGA)
	.....	PVD T255 NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(1)PVD V167 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	.....	(3)PVD V167 HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	.....	FREDO	10000	NORWOOD(OWD)
	.....	(1)MVY V374 GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	NEWBE T216 SEY ORCHA T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	(1)MVY V374 GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	NEWBE T216 SEY ORCHA T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	FREDO BOS PEASE ENE	10000	PORTLAND(PWM)
	.....	FREDO BOS PEASE	10000	PORTSMOUTH(PSM)
	.....	(1)MVY V374 GON CCC T224 COLIN	10000	RICHMOND(RIC)
	.....	NEWBE T216 SEY ORCHA T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)
	.....	PVD V146 ALB	10000	ROCHESTER(ROC)
	.....	PVD V146 ALB	10000	SYRACUSE(SYR)
	.....	(1)MVY V374 GON CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	NEWBE T216 SEY ORCHA T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	(1)V374 GON CCC	10000	WESTHAMPTON BEACH(FOK)
	.....	(5)NEWBE T216 SEY ORCHA CCC	10000	WESTHAMPTON BEACH(FOK)
	.....	SEY T634 CREAM EEGOR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	PVD	10000	WINDSOR LOCKS(BDL)
	.....	PVD PUT	10000	WORCESTER(ORH)
	.....	(1)MVY V374 GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	NEWBE T216 SEY ORCHA T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
WASHINGTON(DCA)	.....	PALEO AGARD T287 DONIL T315 PANZE V44 CAMRN(1100-0300)	7000	FARMINGDALE(FRG)
	.....	(1)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR MAD MONDI	5000	GROTON (NEW LONDON)(GON)
	.....	(1)PALEO V312 GOLDA T358 LEEAH T303 JFK T315 EEGOR MAD MONDI	7000	GROTON (NEW LONDON)(GON)
	.....	PALEO V312 GOLDA T358 AVALO T320 ORCHA MONDI(TWIN ENGINE; 1100-0300)	7000	GROTON (NEW LONDON)(GON)
	.....	(1)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR MAD T303 HFD	5000	HARTFORD(HFD)
	.....	PALEO V312 GOLDA T358 AVALO T320 RICED MAD T303 HFD(TWIN ENGINE; 1100-0300)	7000	HARTFORD(HFD)
	.....	(1)PALEO V312 GOLDA T358 LEEAH T303 JFK T315 EEGOR	7000	NEW HAVEN(HVN)
	.....	(1)PALEO V312 GOLDA T358 ENO T224 JFK	5000	NEW YORK(ISP)
	.....	(1)PALEO V312 GOLDA T358 ENO T224 JFK	5000	NEW YORK(JFK)
	.....	(1)PALEO V312 GOLDA T358 LEEAH T303 JFK	7000	NEW YORK(JFK)
	.....	KRANT V265 EMI V419 MXE ARD METRO(LESS THAN 180 KTS ONLY)	7000	NEWARK(EWR)
	.....	MITCH V123 SWANN T356 ODESA DQO	7000	PHILADELPHIA(PHL)
	.....	OJAAY ZUNAR(DME/DME/IRU OR GPS)		RICHMOND(RIC)
	.....	BAL V378 MXE V3 SBJ(PROPS)	7000	TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)
	.....	(1)PALEO V312 GOLDA T358 ENO T224 JFK CCC	5000	WESTHAMPTON BEACH(FOK)
	.....	(1)PALEO V312 GOLDA T358 LEEAH T303 JFK CCC	7000	WESTHAMPTON BEACH(FOK)
	.....	PALEO V312 GOLDA T358 AVALO T320 ORCHA(TWIN ENGINE)	7000	WESTHAMPTON BEACH(FOK)
WASHINGTON(IAD)	.....	DIRECT	4000	BALTIMORE(BWI)
	.....	MRB WOOLY EMI V419 MXE ARD METRO(LESS THAN 180 KTS ONLY)	7000	NEWARK(EWR)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	MRB WOOLY EMI V419 MXE V3 SBJ(TURBOPROPS)		TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)
	.....	DIRECT	3000	WASHINGTON(DCA)
WHITE PLAINS(HPN)	.....	HUO T299 FJC	5000	ALLENTOWN(ABE)
	.....	DIXIE T315 ACY(PROPS ONLY)	6000	ATLANTIC CITY(ACY)
	.....	JFK T224 DIXIE T303 CRESI		ATLANTIC CITY(ACY)
	.....	CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	.....	CMK V3 HFD T315 GDM T314 ENE	10000	AUGUSTA(AUG)
	.....	SAX V249 SBJ LANNA T430 ETX V39 LRP T449 KITHE(PROPS ONLY)	8000	BALTIMORE(BWI)
	.....	CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	BANGOR(BGR)
	.....	CMK V3 HFD T315 GDM T314 ENE T295 BGR	10000	BANGOR(BGR)
	.....	CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	.....	CMK V3 HFD T315 GDM T314 ENE	10000	BAR HARBOR(BHB)
	.....	JFK COL	6000	BELMAR/FARMINGDALE(BLM)
	.....	(3)CMK V3 WOONS	9000	BOSTON(BOS)
	.....	CMK V3 HFD FOSTY WOONS(/E, /F, /G, PROPS ONLY)	9000	BOSTON(BOS)
	.....	CMK T634 DENNA	5000	BRIDGEPORT(BDR)
	.....	CMK SOARS JUDDS(/E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	.....	CMK V39 SOARS V487 BTV	10000	BURLINGTON(BTV)
	.....	CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	CONCORD(CON)
	.....	CMK V3 HFD T315 GDM	10000	CONCORD(CON)
	.....	CMK T634 BETHA ORCHA	5000	EAST HAMPTON(JPX)
	.....	CMK V3 HFD GON	10000	GROTON (NEW LONDON)(GON)
	.....	HUO T299 HAR	5000	HARRISBURG(CXY)
	.....	CMK V3 HFD	10000	HARTFORD(HFD)
	.....	CMK V3 HFD V167 PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	CMK SOARS JUDDS WHATE(/E, /F, /G ONLY)	10000	KEENE(EEN)
	.....	CMK V3 HFD T315 GDM	10000	KEENE(EEN)
	.....	HUO T299 ETX V39 LRP	5000	LANCASTER(LNS)
	.....	CMK SOARS JUDDS WHATE(/E, /F, /G ONLY)	10000	LEBANON(LEB)
	.....	CMK V3 HFD KEYNN	10000	LEBANON(LEB)
	.....	CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	.....	CMK V3 HFD T315 GDM MANCH	10000	MANCHESTER(MHT)
	.....	DIXIE T224 JIIMS(PROPS ONLY)	6000	MILLVILLE(MIV)
	.....	CMK V3 HFD T216 GON CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	CMK T634 DENNA	5000	NEW HAVEN(HVN)
	.....	CMK T634 DENNA T705 CCC	5000	NEW YORK(ISP)
	.....	CMK V483 DPK	3000	NEW YORK(JFK)
	.....	DIRECT	3000	NEW YORK(LGA)
	.....	NYACK V188 SAX(JETS ONLY)	5000	NEWARK(EWR)
	.....	NYACK V188 SAX(PROPS ONLY)	4000	NEWARK(EWR)
	.....	JFK T303 OUTLA		NORFOLK(ORF)
	.....	CMK V3 WOONS	10000	NORWOOD & NORTH SATS
	.....	CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
	.....	CMK V3 HFD T315 GDM T314 ENE	10000	PORTLAND(PWM)
	.....	CMK V3 HFD T315 GDM RAYMY(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	.....	CMK V3 HFD V167 PVD	10000	PROVIDENCE(PVD)
	.....	CMK V3 HFD V167 PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	SAX V249 SBJ T430 ETX V39 FLOAT(PROPS ONLY)	7000	READING(RDG)
	.....	DIXIE T224 COLIN(PROPS ONLY)	4000	RICHMOND(RIC)
	.....	JFK T224 DIXIE T303 LEEAH T315 CHOPS T224 COLIN		RICHMOND(RIC)
	.....	JFK T224 DIXIE T303 TRPOD		SALISBURY(SBY)
	.....	HAAYS HUO V273 HNK T391 SYR	10000	SYRACUSE(SYR)
	.....	CMK V3 HFD GON V374 MVY	10000	VINEYARD HAVEN(MVY)
	.....	SAX V249 SBJ LANNA T430 ETX V39 LRP V93 BAL(PROPS ONLY)	8000	WASHINGTON(DCA)
	.....	SAX V249 SBJ LANNA T430 ETX V39 ROBRT AML(PROPS ONLY)	8000	WASHINGTON(IAD)
	.....	DIXIE T315 PANZE V44 SIE(PROPS ONLY)	6000	WILDWOOD(WWD)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	JFK T224 DIXIE T303 CRESI		WILDWOOD(WWD)
	.....	CMK V419 JUDDS	10000	WINDSOR LOCKS(BDL)
	.....	CMK V3 HFD T303 GRAYM	10000	WORCESTER(ORH)
	.....	DIXIE T224 CYN	6000	WRIGHTSTOWN(WRI)
WILKES-BARRE/SCRANTON(AVP)	.....	WLKES T335 CFB	8000	BINGHAMTON(BGM)
	.....	WLKES T440 STUBN	6000	ELMIRA/CORNING(ELM)
	.....	WLKES T440 STUBN		ELMIRA/CORNING(ELM)
	.....	LVZ T212 SEG T291 HAR	8000	HARRISBURG(CXY)
	.....	LVZ T295 LRP	6000	LANCASTER(LNS)
	.....	WLKES T455 FJC BWZ(JETS ONLY)	6000	NEWARK(EWR)
	.....	WLKES T455 FJC BWZ(NON-JETS ONLY)	5000	NEWARK(EWR)
	.....	LVZ T295 DUMMR	6000	READING(RDG)
WINDSOR LOCKS(BDL)	.....	DIRECT	10000	ALBANY(ALB)
	.....	PWL HUO T299 FJC	5000	ALLENTOWN(ABE)
	.....	GON CCC T224 DIXIE T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	BAF T314 ENE	10000	AUGUSTA(AUG)
	.....	GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	BAF T314 ENE T295 BGR	10000	BANGOR(BGR)
	.....	BAF T314 ENE T295 RAZZR	10000	BAR HARBOR(BHB)
	.....	GRAYM HFD053 DREEM	10000	BEDFORD & NORTH SATS
	.....	PUT PUT105 WOONS	10000	BOSTON & SOUTH SATS
	.....	HFD	10000	BRIDGEPORT(BDR)
	.....	ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	BAF T314 GDM	10000	CONCORD(CON)
	.....	(3)HFD T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(5)VEERS IGN V157 HAARP	10000	DANBURY(DXR)
	.....	MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	CTR T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	CTR T458 STUBN JHW		ERIE(ERI)
	.....	HFD T216 SALEM CCC(TURBOJETS ONLY)	070-090	FARMINGDALE(FRG)
	.....	HFD GON	10000	GROTON (NEW LONDON)(GON)
	.....	PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	DIRECT	10000	KEENE(EEN)
	.....	KEYNN T393 LBNON	10000	LEBANON(LEB)
	.....	BAF T314 GDM MANCH	10000	MANCHESTER(MHT)
	.....	PVD CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	HFD T216 SALEM CCC(TURBOJETS ONLY)	070-090	NEW YORK(ISP)
	.....	MAD T303 DPK	10000	NEW YORK(JFK)
	.....	(3)HFD T303 MAD EEGOR PRENO	10000	NEW YORK(LGA)
	.....	VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(1)HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	.....	(3)HFD V3 CMK V188 V623 SAX	10000	NEWARK & SATS
	.....	PUT PUT105 WOONS	10000	NORWOOD(OWD)
	.....	GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	BAF T314 ENE	10000	PORTLAND(PWM)
	.....	(3)BAF T314 GDM RAYMY	10000	PORTSMOUTH(PSM)
	.....	(5)BAF T314 GDM RAYMY	10000	PORTSMOUTH(PSM)
	.....	DIRECT	10000	PROVIDENCE(PVD)
	.....	PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	GON CCC T224 COLIN	10000	RICHMOND(RIC)
	.....	MAD BEADS T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)
	.....	ALB	10000	ROCHESTER(ROC)
	.....	ALB	10000	SYRACUSE(SYR)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	GON CCC T224 DIXIE T438 RBV	10000	TRENTON(TTN)
	.....	MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	PVD V405 MVY	10000	VINEYARD HAVEN(MVY)
	.....	HFD T216 SALEM CCC(TURBOJETS ONLY)	070-090	WESTHAMPTON BEACH(FOK)
	.....	(3)HFD T303 MAD EEGOR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	PWL V34 WEETS LVZ	6000	WILKES-BARRE/SCRANTON(AVP)
	.....	GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
WORCESTER(ORH)	.....	CTR	10000	ALB,SCH
	.....	PWL HUO T299 FJC	5000	ALLENTOWN(ABE)
	.....	MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	GDM T314 ENE	10000	AUGUSTA(AUG)
	.....	MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	GDM T314 ENE T295 BGR	10000	BANGOR(BGR)
	.....	GDM T314 ENE	10000	BAR HARBOR(BHB)
	.....	DREEM	10000	BEDFORD & NORTH SATS
	.....	PUT WOONS	10000	BOSTON & SOUTH SATS
	.....	HFD	10000	BRIDGEPORT(BDR)
	.....	CTR ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	GDM	10000	CONCORD(CON)
	.....	(3)HFD T303 MAD EEGOR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(4)BAF IGN V157 HAARP	10000	DANBURY(DXR)
	.....	MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	YANTC T224 ENO	10000	DOVER(DOV)
	.....	CTR T458 STUBN	10000	ELMIRA/CORNING(ELM)
	.....	CTR T458 STUBN JHW		ERIE(ERI)
	.....	YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	PUTNM T393 GAILS	10000	HYANNIS(HYA)
	.....	GDM	10000	KEENE(EEN)
	.....	GDM	10000	LEBANON(LEB)
	.....	GDM T314 GDM MANCH	10000	MANCHESTER(MHT)
	.....	PUTNM T393 PVD CLAMY (RNAV)-STAR(RNAV 1 - DME/DME/IRU OR GPS)	10000	NANTUCKET(ACK)
	.....	MAD T303 BELTT	10000	NEW YORK(ISP)
	.....	MAD T303 DPK	10000	NEW YORK(JFK)
	.....	(3)HFD T303 MAD EEGOR PRENO	10000	NEW YORK(LGA)
	.....	VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(1)HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	.....	HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	.....	PUT WOONS	10000	NORWOOD(OWD)
	.....	MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	GDM T314 ENE	10000	PORTLAND(PWM)
	.....	GDM RAYMY	10000	PORTSMOUTH(PSM)
	.....	PUT PVD	10000	PROVIDENCE(PVD)
	.....	PUTNM T393 GAILS	10000	PROVINCETOWN(PVC)
	.....	MAD BEADS T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)
	.....	YANTC T224 COLIN	10000	RICHMOND(RIC)
	.....	CTR ALB	10000	ROCHESTER(ROC)
	.....	CTR ALB	10000	SYRACUSE(SYR)
	.....	MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
	.....	YANTC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	.....	PUTNM T393 PVD V405 MVY	10000	VINEYARD HAVEN(MVY)
	.....	YANTC ORCHA	10000	WESTHAMPTON BEACH(FOK)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	(3)HFD T303 MAD EEGOR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	PWL V34 WEETS T212 LVZ	6000	WILKES-BARRE/SCRANTON(AVP)
	.....	MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
	.....	YANTC CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
WRIGHTSTOWN(WRI)	.....	CYN T303 CRESI(OVERFLIGHTS ONLY)		ATLANTIC CITY(ACY)
	.....	DIXIE T224 JIIMS(OVERFLIGHTS ONLY)	4000	ATLANTIC CITY(ACY)
	.....	DIXIE T315 ACY	4000	ATLANTIC CITY(ACY)
	.....	CYN T303 LEEAH	6000	DOVER(DOV)
	.....	(1)DIXIE T315 HFD	7000	HARTFORD(HFD)
	.....	(1)DIXIE T315 HFD V167 PVD T393 GAILS	7000	HYANNIS(HYA)
	.....	DIXIE T315 EEGOR MAD CARLD V188 GON CLAMY (RNAV)-STAR(SINGLE ENGINE ONLY. RNAV 1 - DME/DME/IRU OR GPS)	7000	NANTUCKET(ACK)
	.....	(1)DIXIE T315 EEGOR	5000	NEW YORK(ISP)
	.....	RBV T438 ZIGGI CCC(NO SINGLE ENGINE; N/A BTN 1400-2100 LCL)	5000	NEW YORK(ISP)
	.....	(1)DIXIE	5000	NEW YORK(JFK)
	.....	RBV T438 ZIGGI(JETS/MULTIENGINE PROPS)	5000	NEW YORK(JFK)
	.....	RBV V123 PROUD(PROPS ONLY)	4000	NEW YORK(LGA)
	.....	RBV V123 PROUD(PROPS/JETS)	4000	NEW YORK(LGA)
	.....	DIXIE T438 RBV V249 METRO(TURBOPROPS AND JETS)	6000	NEWARK ONLY
	.....	DIXIE T438 RBV V249 METRO	4000	NEWARK SATS ONLY
	.....	(1)DIXIE T438 RBV V249 METRO	5000	NEWARK(EWR)
	.....	CYN T224 JIIMS OOD(JETS ONLY)	6000	PHILADELPHIA(PHL)
	.....	CYN T224 JIIMS OOD(PROPS ONLY)	4000	PHILADELPHIA(PHL)
	.....	RBV T438 ARD	4000	PHILADELPHIA(PNE)
	.....	(1)DIXIE T315 EEGOR CARLD V188 GON	7000	PROVIDENCE(PVD)
	.....	CYN T303 TRPOD	6000	SALISBURY(SBY)
	.....	(1)DIXIE T315 EEGOR CARLD V188 GON V374 MVY	7000	VINEYARD HAVEN(MVY)
	.....	DIXIE T438 RBV V249 SAX V39 BREZY(PROPS ONLY)	4000	WHITE PLAINS(HPN)
	.....	(1)DIXIE T315 EEGOR	7000	WINDSOR LOCKS(BDL)

NORTH AMERICAN ROUTES FOR NORTH ATLANTIC TRAFFIC (NAR)

"NORTH AMERICAN ROUTE PROGRAM (NRP)."

Introduction

(a) The North American Route Program (NRP) is a joint FAA and NAV CANADA program, the objective of which is to harmonize and adopt common procedures, to the extent possible, for application to random route flight operations at and above FL 290 within the conterminous U.S. and Canada.
(b) The NRP will be implemented through various phases with the end goal of allowing all international and domestic flight operations to participate in the NRP throughout the conterminous U.S., Alaska, and Canada.
(c) Flights may participate in the NRP under specific guidelines and filing requirements:
1. provided the flight originates and terminates within conterminous U.S. and Canada; or,
2. for North Atlantic international flights operating within the North American Route (NAR) System.

FAA/NAV CANADA Common Procedures

The following common FAA and NAV CANADA procedures apply:
(a) Flights to operate at or above FL 290.
(b) For that portion of flight within 200 NM of the departure or destination airport, flights shall be filed and operated via Standard Instrument Departures (SID), Departure Procedures (DP), Standard Terminal Arrival Routes (STAR) or published Preferred IFR Routes. If none of the above are available, airways may be used.
(c) NRP flights are not normally subject to routing restrictions such as published Preferred IFR Routes or airways, beyond a 200 NM radius of both the departure and destination airports.
(d) Flight planning requirements are:
1. routes shall contain at least one significant point in each delegated area of airspace jurisdiction for each FAA Air Route Traffic Control Center (ARTCC) or Canadian FIR/CTA;
2. significant points may be a navigational aid or waypoint defined in fix–radial distance (FRD) format from a navigational aid. Within Canadian airspace a significant point may also be a coordinate described in degrees and minutes of latitude/longitude;
3. for routes that cross the U.S./Canadian border, a significant point within 30 NM of either side of the border shall be filed;
4. significant points should be filed for all turnpoints;
5. route(s) shall avoid active Class F airspace;
6. "NRP" shall be entered in the Remarks section of the flight plan; and
7. flight plans to be filed at least one hour prior to departure.
(e) In the event that a NRP aircraft has to be recleared due to weather or tactical reasons, ATC will attempt to return the aircraft to the original NRP routing as soon as practical. Aircraft that depart from the NRP routing due to a pilot request or an ATC clearance authorizing a direct routing will be considered as a non participant of the NRP.
(f) Unless published routing restrictions are in effect, North Atlantic International flights planning to operate within the NAR System may file NRP routes beyond 200 NM of the NAR identified system airport and the published Inland Navigation Fixes (INFs).

Specific FAA Requirements

The following specific FAA requirements apply:
(a) Flights may not be filed via a DP/STAR within offshore transition areas (12 NM or more off the U.S. shoreline).
(b) Flights may be filed and flown on the complete transition of DPs and/or STARs for specific airports in lieu of the 200 NM route planning requirement described in Common Procedures, paragraph "b" above. For listing of the airports refer to the current FAA Advisory Circular–NRP.
(c) Flights not meeting the above guidelines are to be requested through the FAA non-preferred route programs. Those requests will be approved/disapproved on a workload permitting basis.

NORTH AMERICAN ROUTE (NAR) SYSTEM

GENERAL

a. The objectives of the NAR System are as follows:
1. To expedite flight planning.
2. To reduce the complexity of route clearances and thereby minimize the confusion and error potential inherent in lengthy transmissions and readbacks; and
3. To minimize the time spent in the route clearance delivery function.
b. The NAR System is designed to accommodate major airports in North America where the volume of North Atlantic (NAT) traffic and route complexity dictate a need to meet the above objectives. It is for the use of traffic entering/exiting the NAT and consists of a series of pre–planned routes from/to coastal fixes and identified system airports. Most of the routes are divided into two portions:
1. Common Portion: That portion of the route between a specified coastal fix or an oceanic entry/exit point and a specified inland navigation fix (INF). Some routes have a common portion only (N598A-N700A); and
2. Non–common Portion: That portion of the route between a specified INF and a system airport. The routes are within the high level airspace structure with a transition to/from system airports.
c. The routes are prefixed by the abbreviation "N" with the numbering for the common portions orientated geographically from south to north. The ODD numbers have eastbound applications while the EVEN numbers apply to westbound. Following a one–to three–digit number, an alpha character indicates the validation codes and forms part of the route identifier. Validation codes are associated to amendments to the common routes only and not to non–common route portions.
d. Since a primary function of the NAR system is to compliment the NAT traffic flow, a limited number of NAR routes, appropriate for the coastal fixes or oceanic entry/exit points serving the organized Organized Track System (OTS) and the domestic traffic organization, are included in the daily NAT/OTS message published by the Gander and Shanwick Oceanic Area Centers.
e. Aircraft can only join the NAR system:
1. At an identified coastal fix or oceanic entry/exit point; or
2. On departure from one of the identified system airports; or
3. At an identified INF.

FLIGHT PLANNING—GENERAL

Westbound

a. Westbound routes begin at the oceanic exit points, thence along common route portions to an INF and then fan-out along non common routes to selected system airports;
b. For aircraft proceeding to an identified system airport and the route of flight to destination is described by a single NAR designator, use the designator;
c. For aircraft proceeding to a non system airport but the route of flight is described by the common route portion to an identified INF, use the designator to the INF followed by a detailed routing to the destination.

Eastbound

a. Eastbound routes only have a common portion from the INF to a coastal fix or oceanic entry point;
b. When the route of flight is described by a single NAR designator, use the designator;
c. For aircraft departing from a non-system airport, file via an appropriate detailed routing to the applicable INF and thence via the common portion to the coastal fix or oceanic entry point using the NAR designator;

General

For those cases not described above, a detailed routing is required.

NAR REQUIREMENT

General

a. Generally there is no requirement to flight plan and operate using the NAR system. Eastbound aircraft intending to operate on the NAT OTS and operating wholly on or south of a line between the intersections BAREE and TUDEP shall flight plan and operate using one of the NARs published on the daily OTS Message. Westbound aircraft exiting the ocean via oceanic/coastal fixes JEBBY, CARAC, BOBTU, JAROM or RAFIN must file via one of the published NAR common portions as specified in the CFS unless re-entering NY oceanic via M201/M202/M203:

i. JEBBY CARAC - N26B, N28B, N30B, N32B, N34B
ii. BOBTU JAROM - N48G, N50G, N52G, N54G, N56G, N58D, N60D, N62C
iii. RAFIN - N76A, N78A, N80A, N82A, N84A, N86A, N88A, N90A

b. NARs may be assigned by air traffic control for the tactical management of air traffic in Canadian domestic airspace.
c. For operators who elect not to use the NAR system, the rules of the NRP apply.

ROUTE CLEARANCES

a. For aircraft operating within the NAR System, the ATC routing clearance and pilot readback will be indicated by the NAR designator, e.g., “North American Route 105B”;
b. For aircraft operating in the NAR System, but only using the common route portion, the ATC routing clearance and pilot readback will be indicated by the NAR designator followed by the detailed routing;
c. For aircraft not operating in the NAR System, the ATC routing clearance and pilot readback will be via a detailed route;
d. Aircraft cleared to a system airport via a NAR designator are to follow the common and the non–common portion of the route to a system airport. If either the common or non–common portion of the issued NAR is incompatible or unacceptable, the pilot is to advise ATC accordingly.

DOCUMENTATION

a. It is expected that the following NAR documentation will be carried on the flight deck of each aircraft operating within the NAR system:
1. The current publications of NAV CANADA Canadian Flight Supplement; or Federal Aviation Administration Airport/Facility Directory Northeast U.S. (AFDNE); or another product which provides the current NAR; and
2. the information in the current NAT/OTS message.
b. Changes to the NAR routes are advertised in the monthly publication Notices to Airmen Publication (NTAP).

COMMON PROCEDURES FOR RADIO COMMUNICATIONS FAILURE

a. The following procedures are intended to provide general guidance for North Atlantic (NAT) aircraft experiencing a communications failure. These procedures are intended to complement and not supersede state procedures/regulations. It is not possible to provide guidance for all situations associated with a communications failure.

1. If so equipped, the pilot of an aircraft experiencing a two–way radio communications failure shall:
i. operate the secondary radar transponder on identity Mode A) Code 7600 and Mode C; and
ii. attempt to contact any ATC facility or another aircraft and inform them of the difficulty and request they relay information to the ATC facility with whom communications are intended.

b. Communications failure prior to entering NAT oceanic airspace

1. If operating with a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the cleared oceanic entry point, level and speed and proceed in accordance with the received and acknowledged oceanic clearance. Any level or speed changes required to comply with the oceanic clearance shall be completed within the vicinity of the oceanic entry point.
2. If operating without a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the first oceanic entry point, level and speed, as contained in the filed flight plan and proceed via the filed flight plan route to landfall. That first oceanic level and speed shall be maintained to landfall.

c. Communications failure prior to exiting NAT oceanic airspace

1. Cleared on flight plan route
The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to landfall. After passing the last specified oceanic route point, conform with the relevant State procedures/regulations.

2. Cleared on other than flight plan route
The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall. After passing this point, rejoin the filed flight plan route by proceeding directly to the next significant point ahead of the track of the aircraft as contained in the filed flight plan. Where possible use published ATS route structures, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to the last specified oceanic route point. After this point conform with the relevant State procedures/regulations.

BOSTON ARTCC NORTH ATLANTIC ADVISORY

The Boston ARTCC North Atlantic Advisory is published daily on the ATCSCC Advisory Database (https://www.fly.faa.gov/adv/advAdvisoryForm.jsp) and establishes required routing for aircraft that transition into the North

American Route structure and the North Atlantic Track system. The North Atlantic Advisory provides specific routing for international traffic transitioning Boston ARTCC airspace and proceeding across the North Atlantic with the following exceptions:

Departures from KATL, KCLT, KIAD, KMCO, KMIA, KRDU and other Eastern and Southern airports via eastbound routes that will traverse Boston ARTCC airspace may file the following:

(1) Via RBV Q22 FOXWD QUBIS/TAFFY/MIILS/TOPPS/EBONY/ALLEX

(2) Via RBV Q430 ACK TUSKY/BRADD/KANNI/WHALE/VITOL

(3) Via Q167 RIFLE ACK TUSKY/BRADD/KANNI/WHALE/VITOL

(4) When the tracks are ALLEX and North, users may file to the most southern INF published on the daily track message
   a. Via RBV Q430 ACK (then direct to the most southern published INF)
   b. Via Q167 RIFLE ACK (then direct to the southernmost published INF)

The Boston ARTCC North Atlantic Advisory is effective between the hours of 2100–0500 UTC.

For questions, contact Boston ARTCC Traffic Management:1-603-879-6666

ROUTE NOTICE OF FLIGHT PLANNING REQUIREMENTS OF EASTBOUND NORTH ATLANTIC TRAFFIC VIA EITHER NANSO/RAFIN/LOMPI/JAROM/TALGO/CARAC/JEBBY/DOVEY/420000N0600000W/430000N0500000W/440000N0500000W /450000N0500000W THROUGH BOSTON ARTCC AIRSPACE:

Eastbound North Atlantic Traffic transitioning Boston ARTCC airspace and are planning to file NANSO, RAFIN, or 450000N0500000W must file a route from either via INF VITOL or via any INF North of VITOL then to NANSO RAFIN 450000N0500000W.

Eastbound North Atlantic Traffic transitioning Boston ARTCC airspace and are planning to file LOMPI, JAROM, TALGO, or 440000N0500000W must file a route from either via INF VITOL or any INF North of VITOL then to LOMPI JAROM TALGO 440000N0500000W.

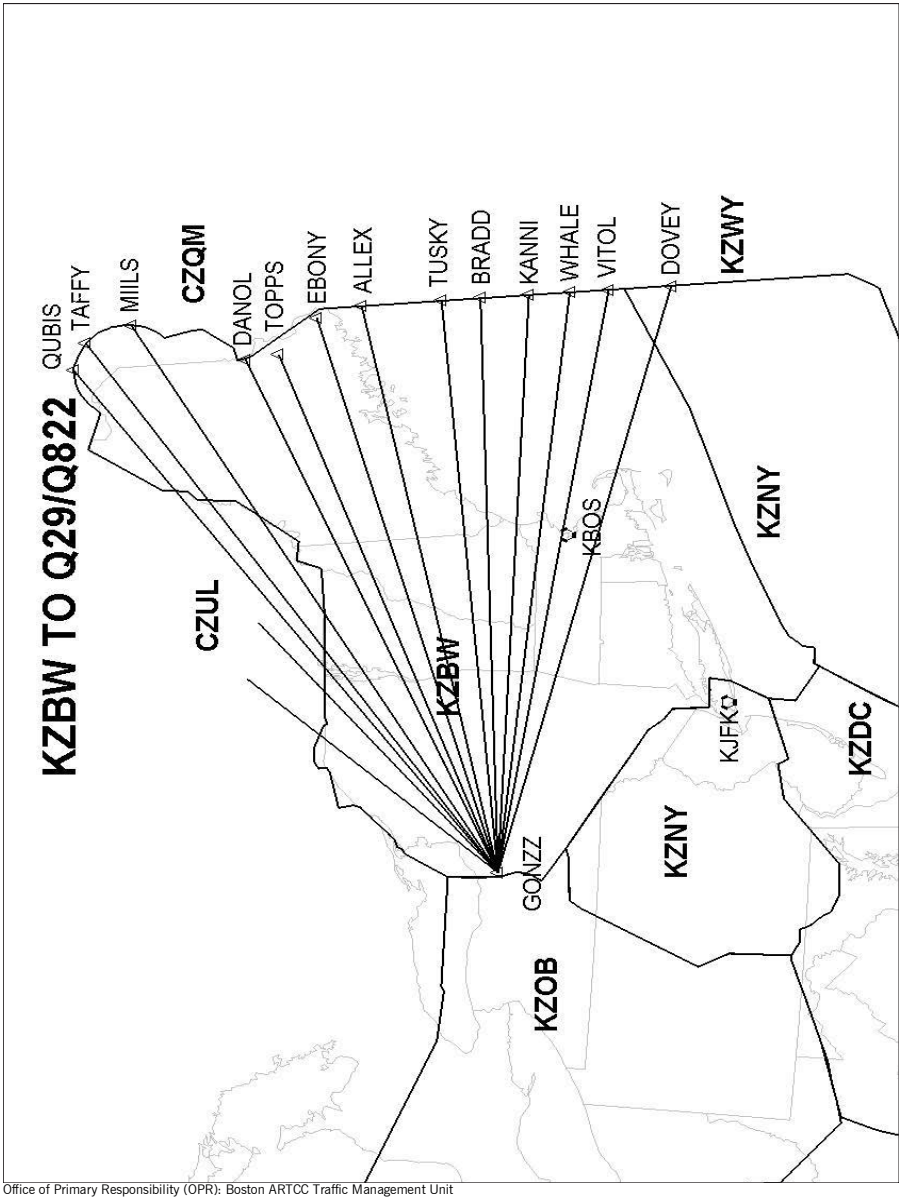
Aircraft may also transit Boston ARTCC airspace into New York ARTCC Oceanic Airspace via DOVEY 420000N0600000W 440000N0500000W

Eastbound North Atlantic Traffic transitioning Boston ARTCC airspace and are planning to file CARAC, JEBBY, OR 430000N0500000W must file a route from either via INF VITOL or any INF North of VITOL then to CARAC JEBBY 430000N0500000W.

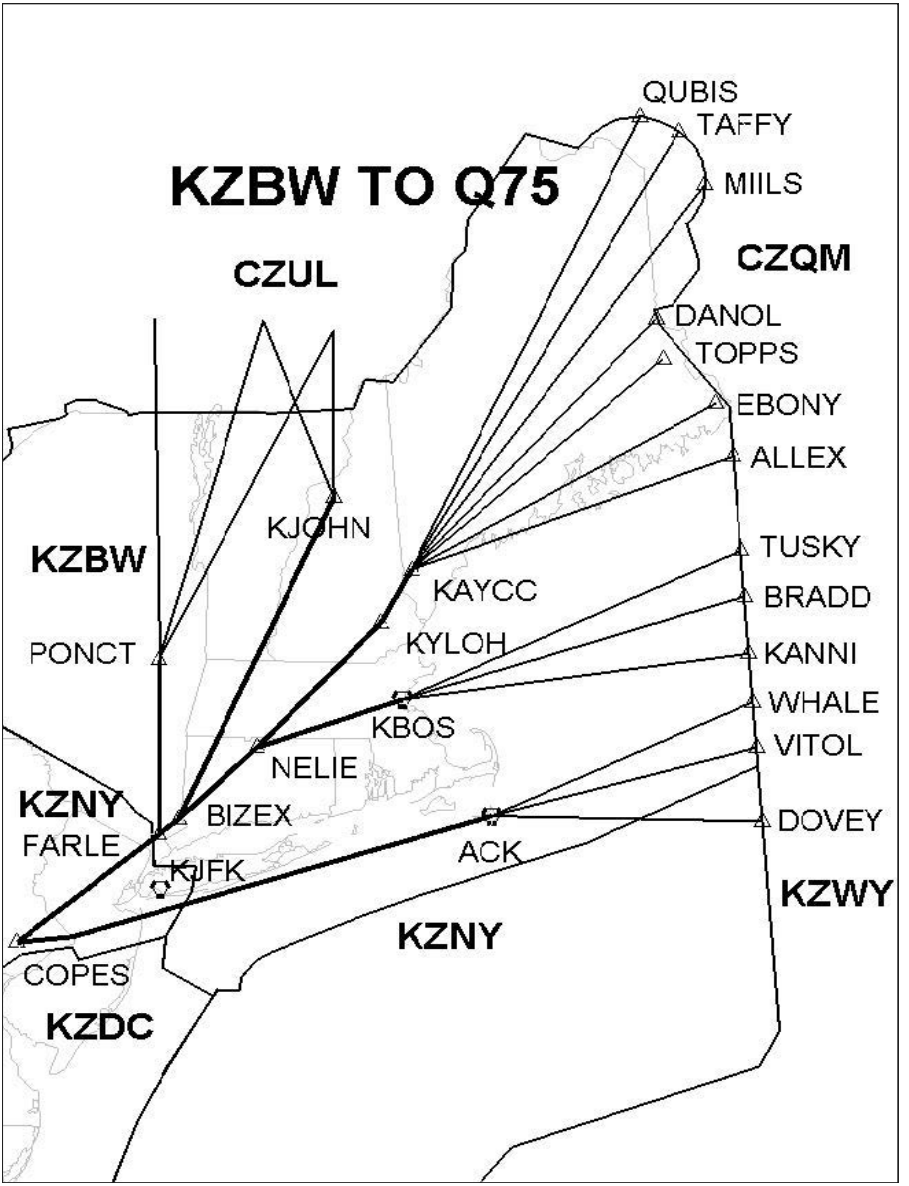
Aircraft may also transit Boston ARTCC airspace into New York ARTCC Oceanic Airspace via DOVEY 420000N0600000W 430000N0500000W.

Please refer to all NOTAMS including the daily North Atlantic Track NOTAM, and the daily NATOTS_RQD route advisory for additional eastbound North Atlantic Traffic flight planning requirements.

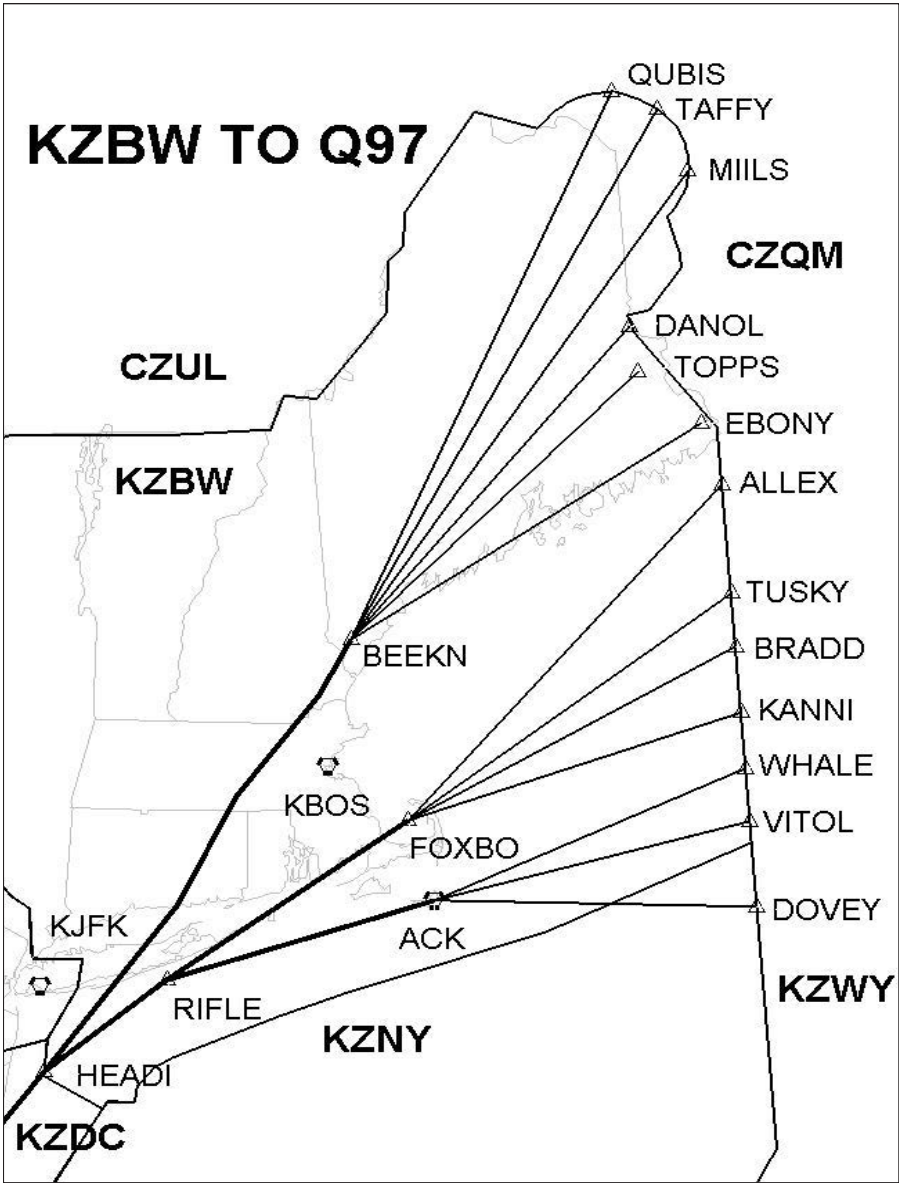
For questions, contact Boston ARTCC Traffic Management: 1-603-879-6666



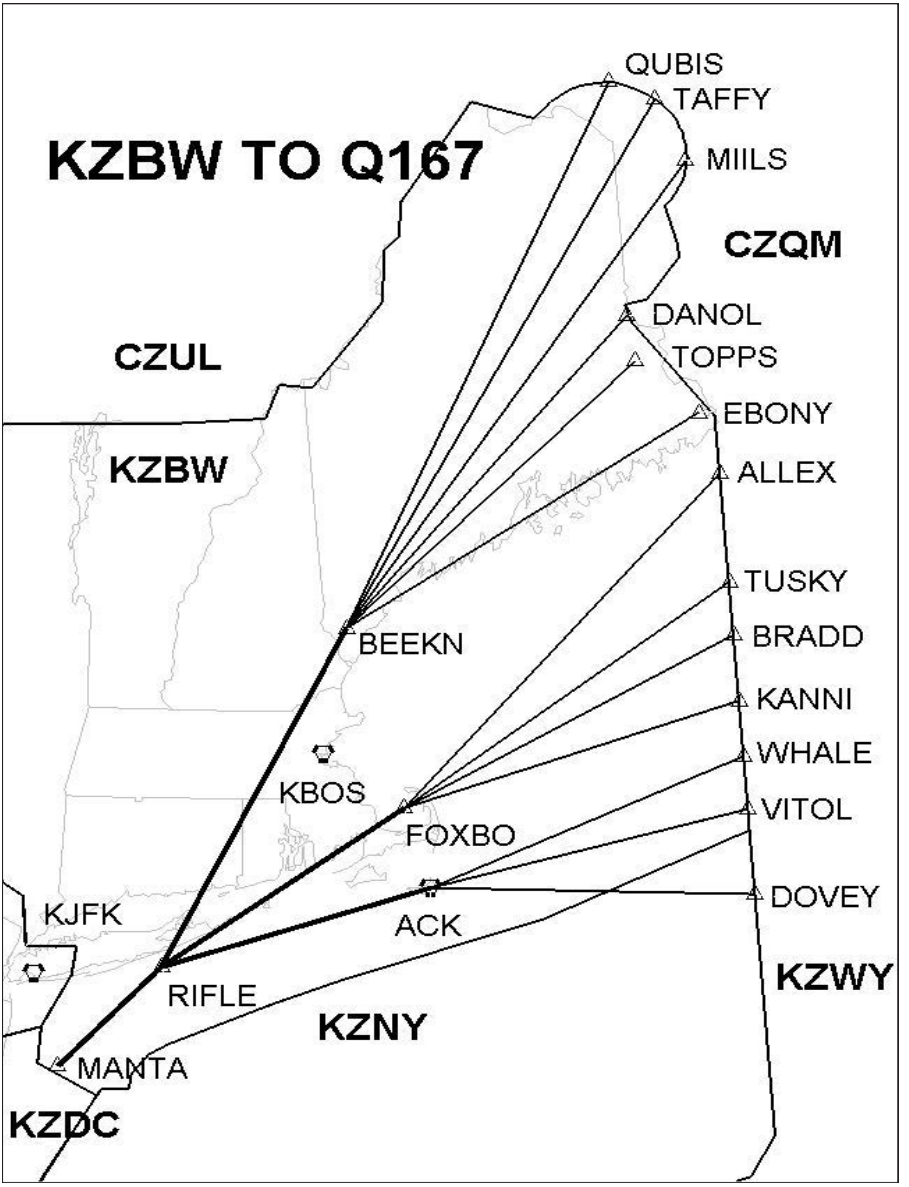
Office of Primary Responsibility (OPR): Boston ARTCC Traffic Management Unit
Contact Information:603-879-6033
Original: August 2023



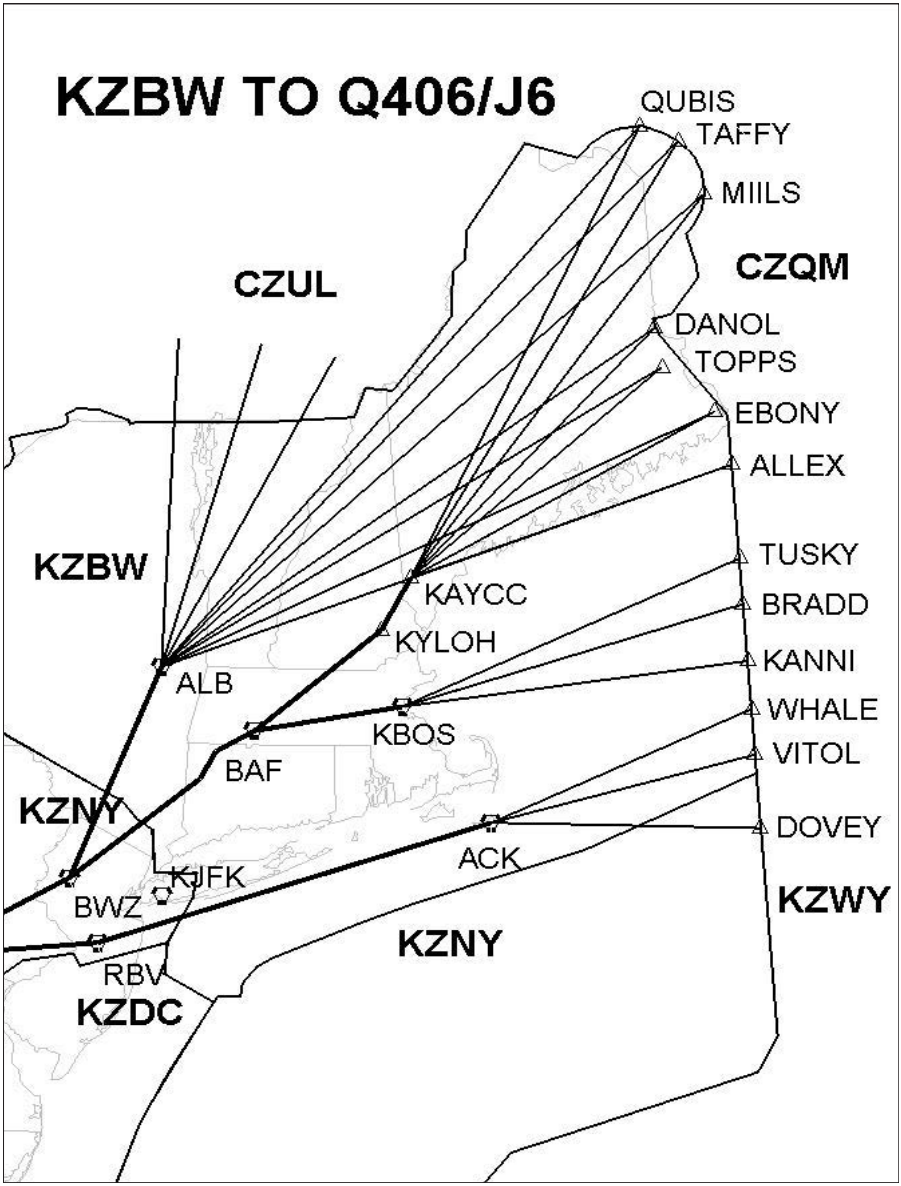
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Original: August 2023



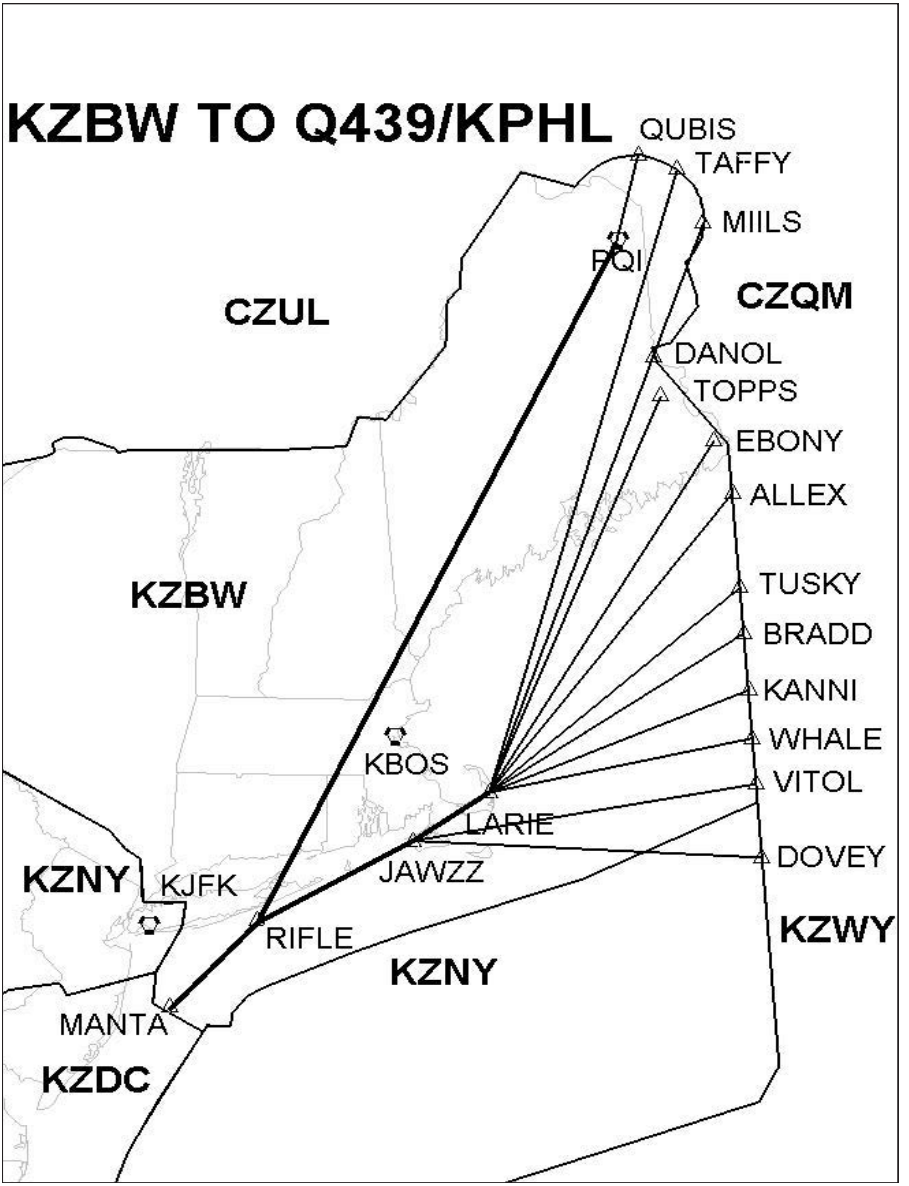
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Contact Information:603-879-6033
Original: August 2023



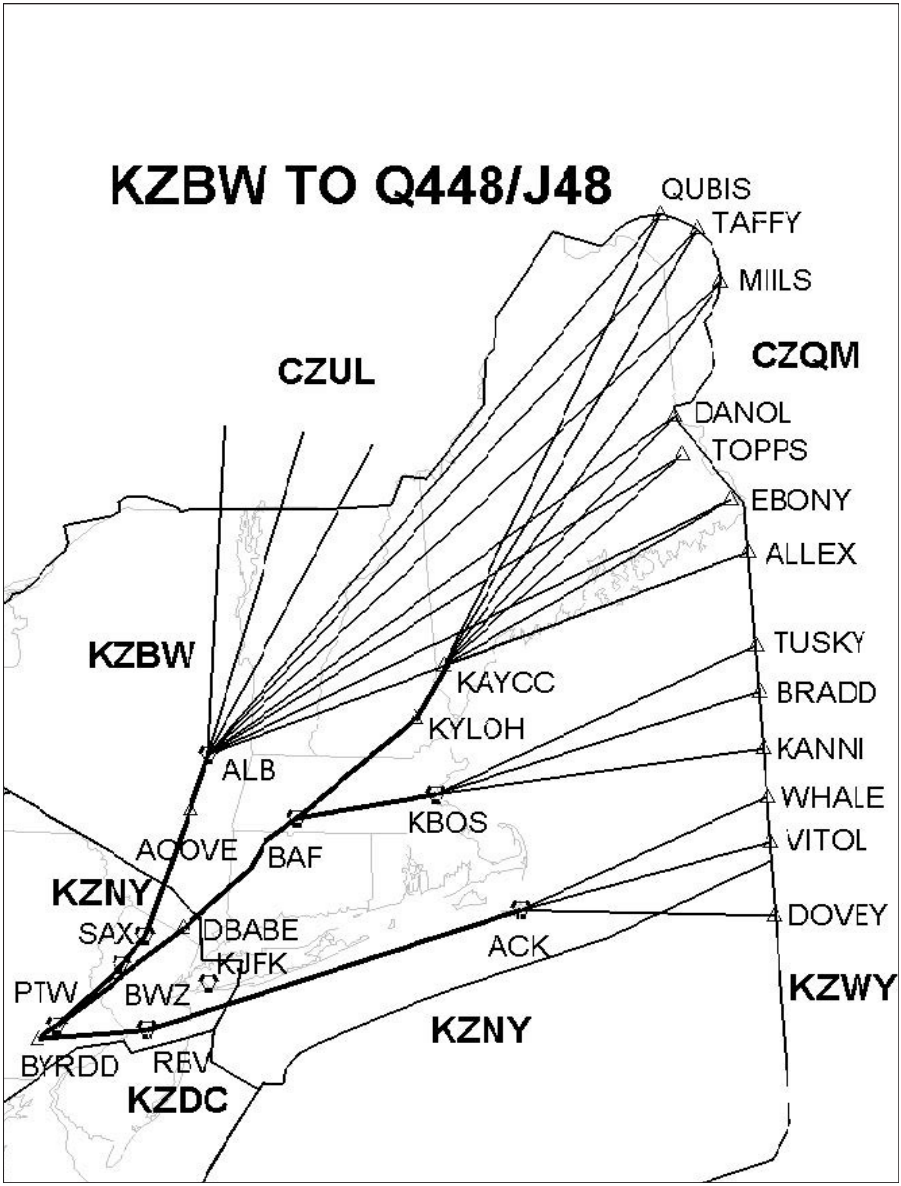
Office of Primary Responsibility (OPR): Boston ARTCC Traffic Management Unit
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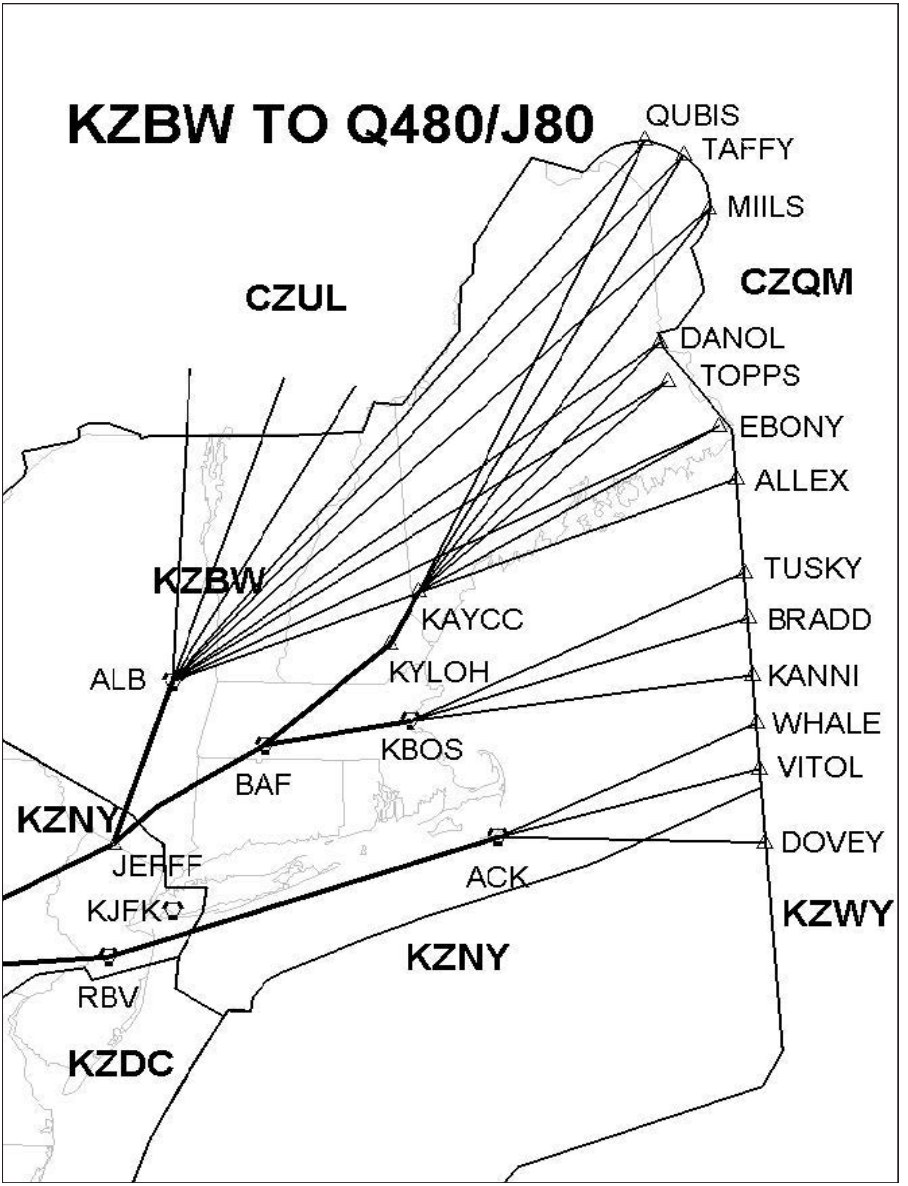
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NORTH AMERICAN ROUTES (NAR)

The following listing divides the NAR Route descriptions into two sections according to the direction of flight (eastbound or westbound). Each section is subdivided according to the route portion (Common or Non-common). The Common portion describes the NAR route between the Coastal Fix and the Inland Navigational Facility/Fix. The Non-common portion describes the route between the NAR route system airport being used and the Inland Navigational Facility/Fix.

COMMON PORTION (EASTBOUND)

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N3A	SIE	B24 LYNUS	SLATN
N7A	MANTA	OWENZ LINND R56	SLATN
N11A	SIE	B24 LYNUS	JOBOC
N15B	MANTA	OWENZ LINND R56 KENDA	JOBOC
N21A	VITOL	Direct	CARAC
N23A	WHALE		CARAC
N25A	ALLEX	Direct	CARAC
N27A	KANNI		CARAC
N29A	KANNI	GAYBL	CARAC
N31G	VITOL	LOMPI	JAROM
N33E	WHALE	LOMPI	JAROM
N35B	WHALE	GAYBL LOMPI	JAROM
N37E	KANNI	LOMPI	JAROM
N39B	KANNI	GAYBL LOMPI	JAROM
N41B	BRADD	LOMPI	JAROM
N43C	TUSKY	Direct	JAROM
N45E	ALLEX	LOMPI	JAROM
N47E	EBONY	LOMPI	JAROM
N49E	TOPPS	Direct	JAROM
N55B	VITOL	NANSO	RAFIN
N57B	VITOL	CARAC NANSO	RAFIN
N59E	WHALE	NANSO	RAFIN
N61B	WHALE	GAYBL NANSO	RAFIN
N63B	KANNI	NANSO	RAFIN
N65B	KANNI	GAYBL NANSO	RAFIN
N67B	BRADD	Direct	RAFIN
N69B	BRADD	SCOTS	RAFIN
N71B	TUSKY	Direct	RAFIN
N73B	TUSKY	SCOTS	RAFIN
N75B	ALLEX	Direct	RAFIN
N77B	EBONY	Direct	RAFIN
N79B	TOPPS	Direct	RAFIN
N81B	MIILS	PEPRA	RAFIN
N83B	MIILS	Direct	RAFIN
N89B	VITOL	Direct	SUPRY
N91B	VITOL	GAYBL	SUPRY
N93B	WHALE	Direct	SUPRY
N95B	WHALE	GAYBL	SUPRY
N97B	KANNI	Direct	SUPRY
N99B	BRADD	Direct	SUPRY
N101B	BRADD	SCOTS	SUPRY
N105E	TUSKY	SCOTS	SUPRY
N107E	ALLEX	Direct	SUPRY
N109E	EBONY	Direct	SUPRY
N113E	HULTN	Direct	SUPRY
N111E	TOPPS	Direct	TUDEP
N115E	MIILS	PEPRA	SUPRY
N117C	MIILS	RUBDA	SUPRY
N119B	MIILS	Direct	SUPRY
N125B	VITOL	Direct	RELIC
N127B	VITOL	GAYBL	RELIC
N129B	WHALE	Direct	RELIC

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N131B	WHALE	GAYBL	RELIC
N133B	KANNI	Direct	RELIC
N135B	KANNI	GAYBL	RELIC
N137B	BRADD	Direct	RELIC
N139B	BRADD	SCOTS	RELIC
N141E	TUSKY	Direct	RELIC
N143C	TUSKY	SCOTS	RELIC
N145C	TUSKY	ACADN	RELIC
N147C	ALLEX	Direct	RELIC
N149E	EBONY	Direct	RELIC
N151H	TOPPS	Direct	RELIC
N153G	DANOL	Direct	RELIC
N155B	HULTN	Direct	RELIC
N157B	MIILS	Direct	RELIC
N163B	VITOL	GAYBL	PORTI
N165B	VITOL	Direct	PORTI
N167B	WHALE	Direct	PORTI
N169B	WHALE	GAYBL	PORTI
N171E	KANNI	Direct	PORTI
N173E	KANNI	GAYBL	PORTI
N175G	BRADD	Direct	PORTI
N177G	BRADD	SCOTS	PORTI
N179G	TUSKY	Direct	PORTI
N181H	TUSKY	SCOTS	PORTI
N183B	TUSKY	ACADN	PORTI
N185B	ALLEX	Direct	PORTI
N187B	EBONY	Direct	PORTI
N189B	TOPPS	Direct	PORTI
N191B	DANOL	Direct	PORTI
N193B	HULTN	Direct	PORTI
N195B	MIILS	RUBDA	PORTI
N197B	MIILS	SUTKO	PORTI
N199B	MIILS	Direct	PORTI
N205C	VITOL	Direct	OMSAT
N207C	VITOL	GAYBL	OMSAT
N209E	WHALE	Direct	OMSAT
N211G	WHALE	GAYBL	OMSAT
N213B	KANNI	Direct	OMSAT
N215B	KANNI	GAYBL	OMSAT
N217B	BRADD	Direct	OMSAT
N219B	BRADD	SCOTS	OMSAT
N221B	TUSKY	Direct	OMSAT
N223B	TUSKY	SCOTS	OMSAT
N225B	TUSKY	ACADN	OMSAT
N227B	ALLEX	Direct	OMSAT
N229B	EBONY	Direct	OMSAT
N231B	TOPPS	Direct	OMSAT
N233B	DANOL	Direct	OMSAT
N235B	HULTN	Direct	OMSAT
N237B	MIILS	SUTKO	OMSAT
N239B	MIILS	Direct	OMSAT
N241B	CEFOU	Direct	OMSAT
N247B	VITOL	Direct	NICSO
N249B	VITOL	GAYBL	NICSO
N251B	WHALE	Direct	NICSO
N253B	WHALE	GAYBL	NICSO
N255B	WHALE	SCOTS	NICSO
N257B	KANNI	Direct	NICSO

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N259B	KANNI	SCOTS	NICSO
N261B	BRADD	Direct	NICSO
N263B	BRADD	SCOTS	NICSO
N265B	TUSKY	Direct	NICSO
N267B	TUSKY	SCOTS	NICSO
N269B	TUSKY	ACADN	NICSO
N271B	ALLEX	Direct	NICSO
N273B	EBONY	Direct	NICSO
N275B	TOPPS	Direct	NICSO
N277B	DANOL	Direct	NICSO
N279B	HULTN	Direct	NICSO
N281B	MIILS	SUTKO	NICSO
N283B	MIILS	TAGRA	NICSO
N285B	MIILS	Direct	NICSO
N287B	CEFOU	Direct	NICSO
N293B	VITOL	Direct	MUSAK
N295B	VITOL	GAYBL	MUSAK
N297B	WHALE	Direct	MUSAK
N299B	WHALE	GAYBL	MUSAK
N301C	WHALE	SCOTS	MUSAK
N303C	KANNI	Direct	MUSAK
N305B	KANNI	SCOTS	MUSAK
N307A	BRADD	Direct	MUSAK
N309B	BRADD	SCOTS	MUSAK
N311B	TUSKY	Direct	MUSAK
N313B	TUSKY	SCOTS	MUSAK
N315B	ALLEX	Direct	MUSAK
N317B	EBONY	Direct	MUSAK
N319B	TOPPS	Direct	MUSAK
N321B	DANOL	Direct	MUSAK
N323B	HULTN	Direct	MUSAK
N325B	MIILS	TAGRA	MUSAK
N327C	MIILS	Direct	MUSAK
N329C	CEFOU	Direct	MUSAK
N335B	VITOL	Direct	JOOPY
N337B	VITOL	GAYBL	JOOPY
N339B	WHALE	Direct	JOOPY
N341B	WHALE	SCOTS	JOOPY
N343B	KANNI	Direct	JOOPY
N345B	KANNI	SCOTS	JOOPY
N347B	KANNI	ACADN	JOOPY
N349B	BRADD	Direct	JOOPY
N351C	BRADD	SCOTS	JOOPY
N353C	JOOPY	ACADN	BRADD
N355C	TUSKY	Direct	JOOPY
N357C	ALLEX	Direct	JOOPY
N359C	EBONY	Direct	JOOPY
N361C	TOPPS	Direct	JOOPY
N363B	DANOL	Direct	JOOPY
N365B	HULTN	Direct	JOOPY
N367B	MIILS	TAGRA	JOOPY
N369B	MIILS	VINSI	JOOPY
N371B	MIILS	Direct	JOOPY
N373B	CEFOU	Direct	JOOPY
N379B	WHALE	Direct	IBERG
N381C	WHALE	SCOTS	IBERG
N383C	WHALE	ACADN	IBERG
N385C	BRADD	Direct	IBERG

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N387C	KANNI	Direct	IBERG
N389C	KANNI	ACADN	IBERG
N391B	TUSKY	Direct	IBERG
N393B	ALLEX	Direct	IBERG
N395B	EBONY	Direct	IBERG
N397B	TOPPS	Direct	IBERG
N399A	DANOL	Direct	IBERG
N401A	HULTN	Direct	IBERG
N403B	MIILS	VINSI	IBERG
N405B	MIILS	Direct	IBERG
N407B	CEFOU	Direct	IBERG
N413C	VITOL	Direct	ELSIR
N415C	WHALE	SCOTS	ELSIR
N417C	WHALE	ACADN	ELSIR
N419C	WHALE	Direct	ELSIR
N421B	KANNI	Direct	ELSIR
N423B	KANNI	SCOTS	ELSIR
N425B	KANNI	ACADN	ELSIR
N427A	BRADD	Direct	ELSIR
N429A	TUSKY	Direct	ELSIR
N431B	ALLEX	Direct	ELSIR
N433B	EBONY	Direct	ELSIR
N435B	TOPPS	Direct	ELSIR
N437B	DANOL	Direct	ELSIR
N439B	HULTN	Direct	ELSIR
N441B	MIILS	Direct	ELSIR
N443B	CEFOU	LOPRO	ELSIR
N445B	CEFOU	Direct	ELSIR
N447B	BAREE	Direct	ELSIR
N449B	ANCER	Direct	ELSIR
N455A	WHALE	Direct	BUDAR
N457A	WHALE	SCOTS	BUDAR
N459A	WHALE	ACADN	BUDAR
N461B	KANNI	Direct	BUDAR
N463B	KANNI	ACADN	BUDAR
N465B	BRADD	Direct	BUDAR
N467B	TUSKY	Direct	BUDAR
N469B	ALLEX	Direct	BUDAR
N471B	EBONY	Direct	BUDAR
N473B	TOPPS	Direct	BUDAR
N475B	DANOL	Direct	BUDAR
N477B	HULTN	Direct	BUDAR
N479B	MIILS	Direct	BUDAR
N481B	MIILS	LOPRO	BUDAR
N483B	CEFOU	MIGLI	BUDAR
N485A	CEFOU	Direct	BUDAR
N487A	BAREE	Direct	BUDAR
N489A	ANCER	Direct	BUDAR
N495E	WHALE	Direct	ALLRY
N497E	KANNI	Direct	ALLRY
N499B	BRADD	Direct	ALLRY
N501B	TUSKY	Direct	ALLRY
N503B	ALLEX	Direct	ALLRY
N505B	EBONY	Direct	ALLRY
N507B	TOPPS	Direct	ALLRY
N509B	DANOL	Direct	ALLRY
N511B	HULTN	Direct	ALLRY
N513A	MIILS	Direct	ALLRY

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N515A	TAFFY	Direct	ALLRY
N517A	CEFOU	MIGLI	ALLRY
N519A	CEFOU	Direct	ALLRY
N521B	BAREE	Direct	ALLRY
N523B	ANCER	Direct	ALLRY
N529B	KANNI	Direct	UMESI
N531B	BRADD	Direct	UMESI
N533B	TUSKY	Direct	UMESI
N535B	ALLEX	Direct	UMESI
N537B	EBONY	Direct	UMESI
N539B	TOPPS	Direct	UMESI
N541B	DANOL	Direct	UMESI
N543A	HULTN	Direct	UMESI
N545A	MIILS	Direct	UMESI
N547A	TAFFY	Direct	UMESI
N549A	CEFOU	Direct	UMESI
N551A	BAREE	Direct	UMESI
N553B	ANCER	Direct	UMESI
N559B	KANNI	Direct	TUDEP
N561B	BRADD	Direct	TUDEP
N563B	TUSKY	Direct	TUDEP
N565B	ALLEX	Direct	TUDEP
N567B	EBONY	Direct	TUDEP
N569B	TOPPS	Direct	TUDEP
N571B	DANOL	Direct	TUDEP
N573B	HULTN	Direct	TUDEP
N575A	MIILS	Direct	TUDEP
N577A	TAFFY	Direct	TUDEP
N579A	CEFOU	Direct	TUDEP
N581A	BAREE	Direct	TUDEP
N583B	ANCER	Direct	TUDEP
N589B	KANNI	Direct	SAXAN
N591B	BRADD	Direct	SAXAN
N601B	TUSKY	Direct	SAXAN
N603A	ALLEX	Direct	SAXAN
N605A	EBONY	Direct	SAXAN
N607A	TOPPS	Direct	SAXAN
N609A	DANOL	Direct	SAXAN
N611A	HULTN	Direct	SAXAN
N613B	MIILS	Direct	SAXAN
N615B	TAFFY	Direct	SAXAN
N617B	CEFOU	Direct	SAXAN
N619B	BAREE	Direct	SAXAN
N621B	ANCER	Direct	SAXAN
N627B	BRADD	Direct	RIKAL
N629B	TUSKY	Direct	RIKAL
N631B	ALLEX	Direct	RIKAL
N633A	EBONY	Direct	RIKAL
N635A	TOPPS	Direct	RIKAL
N637A	DANOL	Direct	RIKAL
N639A	HULTN	Direct	RIKAL
N641A	MIILS	Direct	RIKAL
N643B	TAFFY	Direct	RIKAL
N645B	CEFOU	Direct	RIKAL
N647B	BAREE	Direct	RIKAL
N649B	ANCER	Direct	RIKAL
N655B	BRADD	Direct	PELTU
N657B	TUSKY	Direct	PELTU

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N659B	ALLEX	Direct	PELTU
N661B	EBONY	Direct	PELTU
N663A	TOPPS	Direct	PELTU
N665A	DANOL	Direct	PELTU
N667A	MIILS	Direct	PELTU
N669A	TAFFY	Direct	PELTU
N671A	CEFOU	Direct	PELTU
N673B	BAREE	Direct	PELTU
N675B	ANCER	Direct	PELTU
N681B	TUSKY	Direct	NEEKO
N685B	ALLEX	Direct	NEEKO
N687B	EBONY	Direct	NEEKO
N689B	DANOL	Direct	NEEKO
N691A	MIILS	Direct	NEEKO
N693A	TAFFY	Direct	NEEKO
N695A	QUBIS	Direct	NEEKO
N697A	CEFOU	Direct	NEEKO
N699A	BAREE	Direct	NEEKO
N701A	ANCER	Direct	NEEKO
N707B	ALLEX	Direct	MELDI
N709B	EBONY	Direct	MELDI
N711B	TOPPS	Direct	MELDI
N713B	DANOL	Direct	MELDI
N715B	MIILS	Direct	MELDI
N717B	TAFFY	Direct	MELDI
N719B	QUBIS	Direct	MELDI
N721A	CEFOU	Direct	MELDI
N723A	BAREE	Direct	MELDI
N725A	ANCER	Direct	MELDI
N731A	ALLEX	Direct	LOMSI
N733B	EBONY	Direct	LOMSI
N735B	TOPPS	Direct	LOMSI
N737B	DANOL	Direct	LOMSI
N739B	MIILS	Direct	LOMSI
N741B	TAFFY	Direct	LOMSI
N743B	QUBIS	Direct	LOMSI
N745B	CEFOU	Direct	LOMSI
N747B	BAREE	Direct	LOMSI
N749A	ANCER	Direct	LOMSI
N755A	ALLEX	Direct	KODIK
N757A	EBONY	Direct	KODIK
N759A	TOPPS	Direct	KODIK
N761A	DANOL	Direct	KODIK
N763B	MIILS	Direct	KODIK
N765B	TAFFY	Direct	KODIK
N767B	QUBIS	Direct	KODIK
N769B	CEFOU	Direct	KODIK
N771B	BAREE	Direct	KODIK
N773B	ANCER	Direct	KODIK
N779A	ALLEX	Direct	JANJO
N781A	EBONY	Direct	JANJO
N783A	TOPPS	Direct	JANJO
N785A	MIILS	Direct	JANJO
N787A	TAFFY	Direct	JANJO
N789A	QUBIS	Direct	JANJO
N791A	CEFOU	Direct	JANJO
N793B	BAREE	Direct	JANJO
N795B	ANCER	Direct	JANJO

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N801B	ALLEX	Direct	IRLOK
N803B	EBONY	SERBO	IRLOK
N805B	TOPPS	SERBO	IRLOK
N807A	MIILS	Direct	IRLOK
N809A	TAFFY	Direct	IRLOK
N811A	QUBIS	Direct	IRLOK
N813A	CEFOU	Direct	IRLOK
N815B	BAREE	Direct	IRLOK
N817A	ANCER	Direct	IRLOK
N823B	EBONY	Direct	HOIST
N825B	TOPPS	Direct	HOIST
N827B	MIILS	Direct	HOIST
N829B	TAFFY	Direct	HOIST
N831B	QUBIS	Direct	HOIST
N833B	CEFOU	Direct	HOIST
N835B	BAREE	Direct	HOIST
N837B	ANCER	YBC	HOIST
N843B	EBONY	Direct	ENNSO
N845B	TOPPS	Direct	ENNSO
N847B	MIILS	Direct	ENNSO
N849A	TAFFY	Direct	ENNSO
N853A	CEFOU	Direct	ENNSO
N851A	QUBIS	Direct	ENNSO
N855B	BAREE	Direct	ENNSO
N857B	ANCER	YBC	ENNSO
N863B	TOPPS	Direct	DORYY
N865A	MIILS	Direct	DORYY
N867A	TAFFY	Direct	DORYY
N869A	QUBIS	Direct	DORYY
N871A	CEFOU	Direct	DORYY
N873A	BAREE	YBC	DORYY
N875B	ANCER	YBC	DORYY
N879B	BAREE	Direct	CUDDY
N883B	TOPPS	Direct	BOKTO
N885B	TAFFY	Direct	BOKTO
N887B	CEFOU	Direct	BOKTO
N889B	BAREE	Direct	BOKTO
N891B	ANCER	YBC	BOKTO
N897B	TOPPS	Direct	AVUTI
N899B	TAFFY	Direct	AVUTI
N901B	QUBIS	Direct	AVUTI
N903B	CEFOU	Direct	AVUTI
N905B	BAREE	Direct	AVUTI
N907B	BAREE	KISUV TABRU	AVUTI
N909B	BAREE	Direct	AVUTI
N911B	ANCER	YBC	AVUTI
N917B	TAFFY	DUVBI	VESMI
N919B	QUBIS	DUVBI	VESMI
N921B	CEFOU	Direct	VESMI
N923B	BAREE	DUVBI	VESMI
N925B	ANCER	YBC	VESMI
N931B	TAFFY	YDP	URTAK
N933A	QUBIS	YDP	URTAK
N935A	CEFOU	YDP	URTAK
N937A	BAREE	YDP	URTAK
N939A	ANCER	YBC YDP	URTAK

COMMON PORTION (WESTBOUND)

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N4A	SLATN	Direct	BERGH
N12E	JOBOC	Direct	BERGH
N14C	JOBOC	Direct	SAILE
N20B	DOVEY	Direct	SAILE
N26B	CARAC	Direct	VITOL
N28B	CARAC	Direct	WHALE
N30B	CARAC	Direct	KANNI
N32B	CARAC	Direct	BRADD
N34C	CARAC	Direct	TUSKY
N36A	CARAC	Direct	TOPPS
N38A	CARAC	Direct	MIILS
N46G	JAROM	LOMPI CARAC	VITOL
N48G	JAROM	LOMPI GAYBL	VITOL
N50G	JAROM	LOMPI	WHALE
N52G	JAROM	LOMPI GAYBL	WHALE
N54G	JAROM	LOMPI	KANNI
N56G	JAROM	LOMPI	BRADD
N58E	JAROM	LOMPI	TUSKY
N60E	JAROM	LOMPI SCOTS	TUSKY
N62C	JAROM	LOMPI	TOPPS
N64A	JAROM	LOMPI	MIILS
N76A	RAFIN	NANSO	VITOL
N78A	RAFIN	NANSOL GAYBL	VITOL
N80A	RAFIN	NANSO	WHALE
N82A	RAFIN	NANSO	KANNI
N84B	RAFIN	NANSO GAYBIL	KANNI
N86B	RAFIN	Direct	BRADD
N88B	RAFIN	NANSO SCOTS	BRADD
N90B	RAFIN	Direct	TUSKY
N92A	RAFIN	ACADN	TUSKY
N94A	RAFIN	Direct	MIILS
N106B	SUPRY	Direct	VITOL
N108B	SUPRY	GAYBL	VITOL
N110B	SUPRY	Direct	WHALE
N112E	SUPRY	GAYBIL	WHALE
N114G	SUPRY	Direct	KANNI
N116B	SUPRY	GAYBL	KANNI
N118B	SUPRY	DIRECT	BRADD
N120B	SUPRY	SCOTS	BRADD
N122A	SUPRY	DIRECT	TUSKY
N124A	SUPRY	ACADN	TUSKY
N126A	SUPRY	DIRECT	MIILS
N136A	RELIC	Direct	VITOL
N138A	RELIC	GAYBL	VITOL
N140A	RELIC	Direct	WHALE
N142E	RELIC	GAYBL	WHALE
N144E	RELIC	SCOTS	WHALE
N146E	RELIC	DIRECT	KANNI
N148E	RELIC	GAYBL	KANNI
N150C	RELIC	SCOTS	KANNI
N152B	RELIC	Direct	BRADD
N154B	RELIC	SCOTS	BRADD
N156A	RELIC	Direct	TUSKY
N158A	RELIC	SCOTS	TUSKY
N160A	RELIC	Direct	ALLEX
N162A	RELIC	Direct	EBONY
N164A	RELIC	Direct	TOPPS

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N166B	RELIC	Direct	MIILS
N174C	PORTI	Direct	VITOL
N176C	PORTI	GAYBL	VITOL
N178A	PORTI	DIRECT	WHALE
N180B	PORTI	GAYBL	WHALE
N182B	PORTI	Direct	KANNI
N184A	PORTI	GAYBL	KANNI
N186A	PORTI	Direct	BRADD
N188A	PORTI	SCOTS	BRADD
N190A	PORTI	Direct	TUSKY
N192A	PORTI	ACADN	TUSKY
N194A	PORTI	Direct	ALLEX
N196B	PORTI	Direct	EBONY
N198B	PORTI	Direct	TOPPS
N200E	PORTI	Direct	HULTN
N202E	PORTI	Direct	MIILS
N210B	OMSAT	Direct	VITOL
N212B	OMSAT	GAYBL	VITOL
N214A	OMSAT	Direct	WHALE
N216A	OMSAT	GAYBL	WHALE
N218A	OMSAT	Direct	KANNI
N220A	OMSAT	SCOTS	KANNI
N222A	OMSAT	Direct	BRADD
N224A	OMSAT	SCOTS	BRADD
N226B	OMSAT	Direct	TUSKY
N228B	OMSAT	ACADN	TUSKY
N230B	OMSAT	Direct	ALLEX
N232B	OMSAT	Direct	EBONY
N234B	OMSAT	Direct	TOPPS
N236B	OMSAT	Direct	HULTN
N238B	OMSAT	Direct	MIILS
N246A	NICSO	Direct	VITOL
N248A	NICSO	Direct	WHALE
N250A	NICSO	SCOTS	BRADD
N252A	NICSO	ACADN	TUSKY
N254A	NICSO	Direct	KANNI
N256B	NICSO	Direct	BRADD
N258B	NICSO	Direct	TUSKY
N260B	NICSO	Direct	ALLEX
N262B	NICSO	Direct	EBONY
N264B	NICSO	Direct	TOPPS
N266A	NICSO	Direct	HULTN
N268A	NICSO	Direct	MIILS
N270A	NICSO	Direct	ANATI
N278C	MUSAK	GAYBL	VITOL
N280B	MUSAK	Direct	VITOL
N282A	MUSAK	SCOTS	WHALE
N284A	MUSAK	Direct	WHALE
N286A	MUSAK	SCOTS	KANNI
N288A	MUSAK	Direct	KANNI
N292A	MUSAK	Direct	BRADD
N294A	MUSAK	SCOTS	BRADD
N296B	MUSAK	Direct	TUSKY
N298B	MUSAK	Direct	ALLEX
N302G	MUSAK	Direct	EBONY
N304C	MUSAK	Direct	TOPPS
N306A	MUSAK	Direct	HULTN
N308A	MUSAK	Direct	MIILS

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N310A	MUSAK	Direct	MUSAK
N318B	JOOPY	Direct	VITOL
N322B	JOOPY	Direct	WHALE
N324B	JOOPY	Direct	KANNI
N326A	JOOPY	Direct	BRADD
N328A	JOOPY	Direct	TUSKY
N332A	JOOPY	Direct	ALLEX
N334A	JOOPY	Direct	EBONY
N336B	JOOPY	Direct	TOPPS
N338B	JOOPY	Direct	HULTN
N342B	JOOPY	Direct	MIILS
N344B	JOOPY	Direct	ANATI
N354A	IBERG	Direct	VITOL
N356G	IBERG	Direct	WHALE
N358B	IBERG	Direct	KANNI
N362B	IBERG	Direct	BRADD
N364A	IBERG	Direct	TUSKY
N366A	IBERG	Direct	ALLEX
N368A	IBERG	Direct	EBONY
N372A	IBERG	Direct	TOPPS
N374A	IBERG	Direct	HULTN
N376B	IBERG	Direct	MIILS
N378B	IBERG	Direct	ANATI
N388A	ELSIR	Direct	VITOL
N392A	ELSIR	Direct	WHALE
N394A	ELSIR	Direct	KANNI
N396B	ELSIR	Direct	BRADD
N398B	ELSIR	Direct	TUSKY
N402C	ELSIR	Direct	ALLEX
N404E	ELSIR	Direct	EBONY
N406A	ELSIR	Direct	TOPPS
N408A	ELSIR	Direct	HULTN
N412A	ELSIR	Direct	MIILS
N414A	ELSIR	Direct	ANATI
N424K	BUDAR	Direct	VITOL
N426A	BUDAR	Direct	WHALE
N428A	BUDAR	Direct	KANNI
N432A	BUDAR	Direct	BRADD
N434A	BUDAR	Direct	TUSKY
N436B	BUDAR	Direct	ALLEX
N438B	BUDAR	Direct	EBONY
N442E	BUDAR	Direct	TOPPS
N444A	BUDAR	Direct	HULTN
N446A	BUDAR	Direct	MIILS
N448A	BUDAR	Direct	ANATI
N458B	ALLRY	Direct	VITOL
N462C	ALLRY	Direct	WHALE
N464E	ALLRY	Direct	KANNI
N466A	ALLRY	Direct	BRADD
N468A	ALLRY	Direct	TUSKY
N472A	ALLRY	Direct	ALLEX
N474A	ALLRY	Direct	EBONY
N476B	ALLRY	Direct	TOPPS
N478B	ALLRY	Direct	HULTN
N482C	ALLRY	Direct	MIILS
N484E	ALLRY	Direct	ANATI
N492A	UMESI	Direct	KANNI
N494A	UMESI	Direct	BRADD

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N496G	UMESI	Direct	TUSKY
N498E	UMESI	Direct	ALLEX
N500C	UMESI	Direct	EBONY
N502G	UMESI	Direct	TOPPS
N504A	UMESI	Direct	HULTN
N506A	UMESI	Direct	MIILS
N508A	UMESI	Direct	ANATI
N510A	UMESI	ANATI OMALI TOXAL	KJOHN
N518B	TUDEP	Direct	BRADD
N520C	TUDEP	Direct	TUSKY
N522E	TUDEP	Direct	ALLEX
N524A	TUDEP	Direct	EBONY
N526A	TUDEP	Direct	TOPPS
N528A	TUDEP	Direct	HULTN
N530A	TUDEP	Direct	MIILS
N532A	TUDEP	Direct	ANATI
N534A	TUDEP	ANATI OMALI TOXAL	KJOHN
N542C	SAXAN	Direct	BRADD
N544E	SAXAN	Direct	TUSKY
N546A	SAXAN	Direct	ALLEX
N548A	SAXAN	Direct	EBONY
N550A	SAXAN	Direct	TOPPS
N552A	SAXAN	Direct	HULTN
N554A	SAXAN	Direct	MIILS
N556B	SAXAN	Direct	ANATI
N558B	SAXAN	ANATI OMALI TOXAL	KJOHN
N566A	RIKAL	Direct	TUSKY
N568A	RIKAL	Direct	ALLEX
N570A	RIKAL	Direct	EBONY
N572A	RIKAL	Direct	TOPPS
N574A	RIKAL	Direct	HULTN
N576B	RIKAL	Direct	ANATI
N578B	RIKAL	ANATI OMALI TOXAL	KJOHN
N586A	PELTU	Direct	TUSKY
N588A	PELTU	Direct	ALLEX
N590A	PELTU	Direct	EBONY
N592A	PELTU	Direct	TOPPS
N594A	PELTU	Direct	HULTN
N596B	PELTU	Direct	MIILS
N598E	PELTU	Direct	TAFFY
N600B	PELTU	Direct	ANATI
N602E	PELTU	ANATI OMALI TOXAL	KJOHN
N610A	NEEKO	Direct	TUSKY
N612A	NEEKO	Direct	ALLEX
N614A	NEEKO	Direct	EBONY
N616B	NEEKO	Direct	TOPPS
N618B	NEEKO	Direct	HULTN
N620C	NEEKO	Direct	MIILS
N622E	NEEKO	Direct	TAFFY
N624C	NEEKO	Direct	ANATI
N626A	NEEKO	ANATI OMALI TOXAL	KJOHN
N634A	MELDI	Direct	TUSKY
N636C	MELDI	Direct	EBONY
N638B	MELDI	Direct	TOPPS
N640C	MELDI	Direct	HULTN
N642B	MELDI	Direct	MIILS
N644E	MELDI	Direct	TAFFY
N646A	MELDI	Direct	QUBIS

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N648A	MELDI	Direct	ANATI
N650A	MELDI	ANATI OMALI TOXAL	KJOHN
N658B	LOMSI	Direct	TUSKY
N660C	LOMSI	Direct	EBONY
N662C	LOMSI	Direct	TOPPS
N664A	LOMSI	Direct	HULTN
N666A	LOMSI	Direct	MIILS
N668A	LOMSI	Direct	TAFFY
N670A	LOMSI	Direct	QUBIS
N672A	LOMSI	Direct	ANATI
N674A	LOMSI	ANATI OMALI TOXAL	KJOHN
N682B	KODIK	Direct	TUSKY
N684C	KODIK	Direct	TOPPS
N686A	KODIK	Direct	MIILS
N688A	KODIK	Direct	TAFFY
N690A	KODIK	Direct	QUBIS
N692A	KODIK	Direct	YBC
N694A	KODIK	Direct	ANATI
N696B	KODIK	ANATI OMALI TOXAL	KJOHN
N704B	JANJO	Direct	TUSKY
N706B	JANJO	Direct	TOPPS
N708B	JANJO	Direct	MIILS
N710B	JANJO	Direct	TAFFY
N712B	JANJO	Direct	QUBIS
N714B	JANJO	Direct	YBC
N716B	JANJO	ANATI OMALI TOXAL	KJOHN
N724A	IRLOK	Direct	MIILS
N726B	IRLOK	Direct	TAFFY
N728B	IRLOK	Direct	QUBIS
N730C	IRLOK	Direct	ANATI
N732B	IRLOK	Direct	YBC
N734C	IRLOK	ANATI OMALI TOXAL	KJOHN
N736B	IRLOK	OMTOL	MT
N744A	HOIST	Direct	MIILS
N746B	HOIST	Direct	TAFFY
N748B	HOIST	Direct	QUBIS
N750B	HOIST	Direct	YBC
N752B	HOIST	ANATI OMALI TOXAL	KJOHN
N754B	HOIST	OMTOL	MT
N756C	HOIST	YYR	ANATI
N764A	ENNSO	Direct	MIILS
N766A	ENNSO	Direct	TAFFY
N768A	ENNSO	Direct	QUBIS
N770A	ENNSO	Direct	ANATI
N772A	ENNSO	Direct	YBC
N774A	ENNSO	ANATI OMALI TOXAL	KJOHN
N776B	ENNSO	OMTOL	MT
N784B	DORYY	BORUB	TABRU
N786A	DORYY	Direct	TAFFY
N788A	DORYY	Direct	QUBIS
N790A	DORYY	Direct	YBC
N792A	DORYY	ANATI OMALI TOXAL	KJOHN
N798B	CUDDY	Direct	MIILS
N800C	CUDDY	Direct	TAFFY
N802C	CUDDY	Direct	QUBIS
N804C	CUDDY	Direct	MT
N806C	CUDDY	NOWAA	SSM
N808C	CUDDY	Direct	YBC

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N810C	CUDDY	Direct	ANATI
N812B	CUDDY	ANATI OMALI TOXAL	KJOHN
N818B	BOKTO	Direct	DUVBI
N820B	BOKTO	DUVBI	YBC
N822C	BOKTO	DUVBI	QUBIS
N824B	BOKTO	DUVBI	MT
N826B	BOKTO	PUVOK	ROUND
N832A	AVUTI	Direct	YDP
N834A	AVUTI	Direct	DUVBI
N836B	AVUTI	DUVBI	TAFFY
N838C	AVUTI	DUVBI	QUBIS
N840C	AVUTI	YDP	YBC
N842C	AVUTI	YDP	MT
N844B	AVUTI	YDP MT REEDO ART	SYR
N846C	AVUTI	YDP	ROUND
N848C	AVUTI	YDP JOVIE HENDY SELBO CANSO	SSM
N850C	AVUTI	YDP ROUND	SSM
N852B	AVUTI	ALSOP	TEALS
N858C	VESMI	Direct	ALSOP
N860B	VESMI	LOMTA	TEALS
N862B	VESMI	ALSOP PUVOK	ROUND
N864A	VESMI	ALSOP JOVIE	MT
N866C	VESMI	ALSOP	YBC
N868C	VESMI	ALSOP	QUBIS
N870B	VESMI	ALSOP	TAFFY
N876C	URTAK	Direct	ALSOP
N878C	URTAK	Direct	LOMTA
N880B	URTAK	LOMTA	TAFFY
N882A	URTAK	LOMTA	QUBIS
N884A	URTAK	LOMTA	YBC
N886C	URTAK	LOMTA YBC OMALI TOXAL	KJOHN
N888C	URTAK	LOMTA	VANSI
N890B	URTAK	LOMTA VANSI STAFE	SSM
N892B	URTAK	UDMAR	MCKEE
N898C	TOXIT	DIRECT	UDMAR
N900B	TOXIT	UDMAR	QUBIS
N902B	TOXIT	LAKES	YBC
N904A	TOXIT	DIRECT	LAKES
N906B	TOXIT	UDMAR	QUBIS
N912B	SAVRY	DIRECT	IRBIM
N914B	SAVRY	IRBIM	TAFFY
N916B	SAVRY	IRBIM	YBC
N918B	SAVRY	IRBIM	MT
N920A	SAVRY	IRBIM MT REEDO ART	SYR
N922A	SAVRY	DIRECT	LAKES
N924A	SAVRY	DIRECT	SINGA
N926B	SAVRY	DIRECT	UDMAR
N932B	RADUN	DIRECT	SINGA
N934B	RADUN	SINGA	LAKES
N936B	RADUN	DIRECT	KLIPS
N938B	RADUN	PEPKI	LOPVI
N944A	PIDSO	DIRECT	SINGA
N946A	PIDSO	DIRECT	PEPKI
N948B	PIDSO	PEPKI	LOPVI
N950B	PIDSO	MUSLO	RODBO
N954B	NIFTY	DIRECT	MUSLO
N956A	NIFTY	MUSLO	SEMTO
N958A	NIFTY	MUSLO	LOPVI

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N962B	MAXAR	DIRECT	MIBNO
N964B	MAXAR	MIBNO	RODBO
N966B	MAXAR	DIRECT	MUSLO
N968B	MAXAR	MUSLO	LOPVI
N972A	LIBOR	DIRECT	RODBO
N974B	LIBOR	GRIBS	JELCO
N978B	KETLA	DIRECT	GRIBS
N980A	KETLA	GRIBS	JELCO
N982A	KETLA	DIRECT	FEDDY
N986B	EMBOK	IKMAN	FEDDY
N988B	EMBOK	BERUS	TEFFO
N992A	CLAVY	KAGLY	TEFFO
N994A	CLAVY	DIRECT	MUSVA
N998B	AVPUT	NALDI	DUTUM

* Check for all active CYBG NOTAMS before flight planning this NAR. NARS affected by each military area can be determined by the following:

AFFECTED NARS BLW FL330:

CYR630: N458A, N460A, N344C, N500B, N542B
CYR629: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N542B, N544A, N550A, N590A, N596A
CYR628: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N544A, N550A, N590A, N596A

AFFECTED NARS ABV FL310:

CYR666: N458A, N460A, N500B, N542B
CYR665: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N542B, N544A, N550A, N590A, N596A
CYR664: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N544A, N550A, N590A, N596A

NON–COMMON PORTION (WESTBOUND)
VIA ALLEX

Inland Navigation Facility/Fix	Non–Common Portion	Destination
ALLEX	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
ALLEX	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
ALLEX	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
ALLEX	SCUPP	BEDFORD
ALLEX	AJJAY OOSHN (RNAV)–STAR	BOSTON
ALLEX	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
ALLEX	KAYCC KYLOH NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
ALLEX	ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
ALLEX	GONZZ DONEO TPGUN (RNAV)–STAR	DETROIT
ALLEX	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
ALLEX	KAYCC KYLOH BAF HYPER Arrival	DULLES
ALLEX	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
ALLEX	FOXBO RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
ALLEX	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
ALLEX	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
ALLEX	ENE PARCH Arrival	KENNEDY
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
ALLEX	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
ALLEX	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
ALLEX	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
ALLEX	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
ALLEX	HANAA FLOSI (RNAV)–STAR	NEWARK
ALLEX	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
ALLEX	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
ALLEX	ENE CTR HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
ALLEX	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
ALLEX	ALB TRESA (RNAV)–STAR	STEWART
ALLEX	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
ALLEX	ALB V489 COATE	TETERBORO
ALLEX	RIVVR VALRE (RNAV)–STAR	WESTCHESTER
ALLEX	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
ALLEX	ENE KEYNN	WINDSOR LOCKS

VIA ANATI

Inland Navigation Facility/Fix	Non–Common Portion	Destination
ANATI	POLTY Q804 DERLO DJB Q149 SPAYD HLRRY ONDRE (RNAV)–STAR	ATLANTA
ANATI	KAPUX HOCKE FNT WYNDE (RNAV)–STAR	CHICAGO
ANATI	POLTY Q804 DERLO WWSHR UKATS TIGRR (RNAV)–STAR	CINCINNATI
ANATI	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV LIT FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
ANATI	BOBTA TPGUN (RNAV)–STAR	DETROIT
ANATI	BOBTA CUUGR–STAR	DETROIT
ANATI	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV J131 LIT EDWAH Q33 SWEUP ZEEKK (RNAV)–STAR	HOUSTON
ANATI	ROSVO ECK GIJ RBS AARCH (RNAV)–STAR	ST. LOUIS

VIA BRADD

Inland Navigation Facility/Fix	Non–Common Portion	Destination
BRADD	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
BRADD	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
BRADD	BOS Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
BRADD	SCUPP	BEDFORD
BRADD	EURRO OOSHN (RNAV)–STAR	BOSTON
BRADD	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
BRADD	BOS Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
BRADD	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
BRADD	GONZZ DONEO TPGUN (RNAV)–STAR	DETROIT
BRADD	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
BRADD	BOS BAF HYPER Arrival	DULLES
BRADD	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
BRADD	FOXBO RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
BRADD	COPLY Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
BRADD	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
BRADD	PLYMM PARCH Arrival	KENNEDY
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)-STAR	LOUISVILLE
BRADD	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
BRADD	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
BRADD	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
BRADD	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
BRADD	COPLY BOS NELIE FLOSI (RNAV)–STAR	NEWARK
BRADD	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
BRADD	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
BRADD	BOS CTR HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
BRADD	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
BRADD	COPLY BOS NELIE T212 TRESA TRESA (RNAV)–STAR	STEWART
BRADD	BOS Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
BRADD	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
BRADD	COPLY BOS NELIE VALRE (RNAV)–STAR	WESTCHESTER
BRADD	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
BRADD	BOS T303 GRAYM WITNY	WINDSOR LOCKS

VIA DOVEY

Inland Navigation Facility/Fix	Non–Common Portion	Destination
DOVEY	JAWZZ Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
DOVEY	ACK Q430 BYRDD J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
DOVEY	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
DOVEY	SCUPP	BEDFORD
DOVEY	FERNZ OOSHN (RNAV)–STAR	BOSTON
DOVEY	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
DOVEY	ACK Q430 COPES Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
DOVEY	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
DOVEY	ACK Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
DOVEY	ACK Q430 SAAME BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)–STAR	DETROIT
DOVEY	JAWZZ Q220 RIFLE Q439 BRIGS SIE	DOVER
DOVEY	ACK Q430 RBV HYPER (RNAV)–STAR	DULLES
DOVEY	ACK Q430 RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
DOVEY	ACK Q430 RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
DOVEY	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
DOVEY	ACK Q430 BYRDD J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
DOVEY	PLYMM PARCH (RNAV)–STAR	KENNEDY
DOVEY	ACK Q430 SAAME J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
DOVEY	JAWZZ Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
DOVEY	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
DOVEY	ACK Q430 SAAME J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
DOVEY	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
DOVEY	ACK Q430 SAAME J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
DOVEY	ACK Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
DOVEY	COPLY BOS NELIE FLOSI (RNAV)–STAR	NEWARK
DOVEY	ACK Q430 RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
DOVEY	JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
DOVEY	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH/DURHAM
DOVEY	COPLY BOS NELIE T212 TRESA TRESA (RNAV)–STAR	STEWART
DOVEY	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
DOVEY	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
DOVEY	COPLY BOS NELIE VALRE (RNAV)–STAR	WESTCHESTER
DOVEY	SEY ARCAV ORCHA	WESTHAMPTON BEACH
DOVEY	BOS T303 GRAYM WITNY	WINDSOR LOCKS

VIA EBONY

Inland Navigation Facility/Fix	Non–Common Portion	Destination
EBONY	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
EBONY	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
EBONY	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
EBONY	ENE LWRNC	BEDFORD
EBONY	AJJAY OOSHN (RNAV)–STAR	BOSTON
EBONY	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
EBONY	KAYCC KYLOH NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE

Inland Navigation Facility/Fix	Non–Common Portion	Destination
EBONY	ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
EBONY	GONZZ DONEO TPGUN (RNAV)–STAR	DETROIT
EBONY	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
EBONY	KAYCC KYLOH BAF HYPER Arrival	DULLES
EBONY	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
EBONY	FOXBO RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
EBONY	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
EBONY	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
EBONY	ENE PARCH Arrival	KENNEDY
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
EBONY	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
EBONY	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
EBONY	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
EBONY	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
EBONY	HANAA FLOSI (RNAV)–STAR	NEWARK
EBONY	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
EBONY	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
EBONY	ENE CTR HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
EBONY	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
EBONY	ALB TRESA (RNAV)–STAR	STEWART
EBONY	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
EBONY	ALB V489 COATE	TETERBORO
EBONY	RIVVR VALRE (RNAV)–STAR	WESTCHESTER
EBONY	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
EBONY	ENE KEYNN	WINDSOR LOCKS

VIA HULTN

Inland Navigation Facility/Fix	Non–Common Portion	Destination
HULTN	CBIRD ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
HULTN	ENE PARCH (RNAV)–STAR	KENNEDY
HULTN	CBIRD HANAA FLOSI (RNAV)–STAR	NEWARK
HULTN	CBIRD ALB J49 HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
HULTN	CBIRD ALB TRESA(RNAV)–STAR	STEWART
HULTN	CBIRD ALB V489 COATE	TETERBORO
HULTN	CBIRD VALRE (RNAV)–STAR	WESTCHESTER

VIA KANNI

Inland Navigation Facility/Fix	Non–Common Portion	Destination
KANNI	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
KANNI	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
KANNI	BOS Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
KANNI	SCUPP	BEDFORD
KANNI	EURRO OOSHN (RNAV)–STAR	BOSTON
KANNI	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
KANNI	BOS Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
KANNI	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
KANNI	CAM Q822 GONZZ DONEO TPGUN (RNAV)–STAR	DETROIT
KANNI	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
KANNI	BOS BAF HYPER Arrival	DULLES
KANNI	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
KANNI	FOXBO RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
KANNI	COPLY Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
KANNI	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
KANNI	PLYMM Parch Arrival	KENNEDY
KANNI	BOX BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
KANNI	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
KANNI	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
KANNI	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
KANNI	COPLY BOS NELIE FLOSI (RNAV)–STAR	NEWARK
KANNI	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
KANNI	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
KANNI	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
KANNI	BOS CTR HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
KANNI	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
KANNI	COPLY BOS NELIE T212 TRESA TRESA (RNAV)–STAR	STEWART
KANNI	BOS Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
KANNI	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
KANNI	COPLY BOS NELIE VALRE (RNAV)–STAR	WESTCHESTER
KANNI	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
KANNI	BOS T303 GRAYM WITNY	WINDSOR LOCKS

VIA KJOHN

Inland Navigation Facility/Fix	Non–Common Portion	Destination
KJOHN	BIZEX Q75 MXE V378 BAL	ANDREWS
KJOHN	ALB ACOVE DBABE Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
KJOHN	BIZEX Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
KJOHN	BASUU	BEDFORD
KJOHN	BIZEX Q75 GSO OBNEE OSPRI (RNAV)–STAR	CHARLESTON, SC
KJOHN	BIZEX Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
KJOHN	ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
KJOHN	ALB J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
KJOHN	VENTE CCC MANTA Q439 BRIGS SIE	DOVER
KJOHN	ALB HYPER (RNAV)–STAR	DULLES
KJOHN	BIZEX Q75 GVE SBV RDU	FAYETTEVILLE, NC
KJOHN	BIZEX Q75 GSO Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	FT LAUDERDALE
KJOHN	BIZEX Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
KJOHN	PONCT PUCKY (RNAV)–STAR	KENNEDY
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
KJOHN	VENTE CCC MANTA DRIFT T416 CYN	MCGUIRE
KJOHN	ALB BIZEX Q75 SLOJO Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
KJOHN	BIZEX Q75 GSO Q83 JEVED Q97 DEBRL CSTAL (RNAV)–STAR	MIAMI
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
KJOHN	ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
KJOHN	HANAA FLOSI (RNAV)–STAR	NEWARK
KJOHN	BIZEX Q75 GSO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	ORLANDO
KJOHN	BIZEX Q75 GSO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	ORLANDO
KJOHN	ALB DNY SPUDS (RNAV)–STAR	PHILADELPHIA
KJOHN	ALB J49 HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
KJOHN	BIZEX Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
KJOHN	ALB NELIE (RNAV)–STAR	WESTHAMPTON BEACH
KJOHN	KEYNN	WINDSOR LOCKS

VIA LACKS

Inland Navigation Facility/Fix	Non–Common Portion	Destination
LACKS	FERNZ OOSHN (RNAV)–STAR	BOSTON

VIA MADIZ

Inland Navigation Facility/Fix	Non–Common Portion	Destination
MADIZ	VIICE (RNAV)-STAR	MIAMI

VIA MIILS

Inland Navigation Facility/Fix	Non–Common Portion	Destination
MIILS	BEEKN Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY(RNAV)–STAR	ANDREWS
MIILS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
MIILS	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
MIILS	ENE LWRNC	BEDFORD
MIILS	AJJAY OOSHN (RNAV)–STAR	BOSTON
MIILS	KAYCC KYLOH NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
MIILS	BEEKN Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON
MIILS	LETAK Q824 TAGUM ECK FNT WYNDE (RNAV)–STAR	CHICAGO
MIILS	KJOHN ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
MIILS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
MIILS	LETAK PEVNI Q806 BOBTA DERLO WWSHR Q29 KLYNE PXV J131 LIT FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
MIILS	PUPOV Q806 BOBTA TPGUN (RNAV)–STAR	DETROIT
MIILS	BGR LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
MIILS	CBIRD KJOHN ALB HYPER (RNAV)–STAR	DULLES
MIILS	KAYCC KYLOH NELIE Q75 GVE SBV RDU	FAYETTEVILLE, NC
MIILS	BEEKN Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
MIILS	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
MIILS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
MIILS	LETAK PEVNI Q806 BOBTA DERLO WWSHR Q29 KLYNE PXV J131 LIT EDWAH Q33 SWEUP ZEEKK (RNAV)–STAR	HOUSTON
MIILS	ENE PARCH (RNAV)–STAR	KENNEDY
MIILS	CBIRD KJOHN PONCT PUCKY (RNAV)–STAR	KENNEDY
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
MIILS	BGR LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
MIILS	BEEKN Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
MIILS	BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
MIILS	VIVIL ROGSA URVAS DAXES VIBNU	MONTREAL/MIRABEL
MIILS	TIBOS ROCKET (CANADIAN) ONE (RNAV)–STAR	MONTREAL/TRUDEAU
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
MIILS	CBIRD HANAA FLOSI (RNAV)–STAR	NEWARK
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
MIILS	BEEKN Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
MIILS	BGR LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
MIILS	CBIRD ALB J49 HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
MIILS	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH-DURHAM
MIILS	ROSVO ECK GIJ RBS AARCH (RNAV)–STAR	ST LOUIS*
MIILS	CBIRD KJOHN ALB TRESA (RNAV)–STAR	STEWART
MIILS	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
MIILS	CBIRD KJOHN ALB V489 COATE	TETERBORO
MIILS	LETAK IMEBA Arrival	TORONTO
MIILS	CBIRD KJOHN RIVVR VALRE (RNAV)–STAR	WESTCHESTER
MIILS	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH

Inland Navigation Facility/Fix	Non–Common Portion	Destination
MIILS	ENE KEYNN	WINDSOR LOCKS

*** NOTE:**
St. Louis route usable only for aircraft at or above FL350.

VIA MOUGH

Inland Navigation Facility/Fix	Non–Common Portion	Destination
MOUGH	Y497 DRIFT Q439 BRIGS SIE	DOVER
MOUGH	Y486 CREEL Q430 RBV HYPER (RNAV)–STAR	DULLES
MOUGH	Y495 CAMRN	KENNEDY
MOUGH	Y495 OWENZ DRIFT BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
MOUGH	Y495 OWENZ MANTA Q439 DRIFT T416 CYN	MCGUIRE

VIA MT

Inland Navigation Facility/Fix	Non–Common Portion	Destination
MT	REEDO ART SYR J59 PSB SHILO V93 BAL	ANDREWS
MT	TVC OBK J73 BNA NEWBB IHAVE MTHEW CHPPR (RNAV)–STAR	ATLANTA
MT	SYR FQM IZZEE TRISH (RNAV)–STAR	BALTIMORE
MT	REEDO ART SYR FQM HAR EMI GVE Q75 GSO OBNEE OSPRI (RNAV)–STAR	CHARLESTON
MT	REEDO ART SYR J59 PSB HVQ LNDIZ PARQR (RNAV)–STAR	CHARLOTTE
MT	SSM WYNDE (RNAV)-STAR	CHICAGO
MT	ROSVO Q802 KENLU Q804 DERLO WWSHR UKATS TIGRR (RNAV)–STAR	CINCINNATI
MT	TVC BAE WELTS SGF RZC FSM RRNET SEEVR (RNAV)–STAR	DALLAS/FT.WORTH
MT	REEDO ART SYR GONZZ Q29 KLYNE PXV J131 LIT FEWWW SEEVR (RNAV)–STAR	DALLAS/FT.WORTH
MT	BOBTA TPGUN (RNAV)–STAR	DETROIT
MT	REEDO ART SYR HAR LRP V210 SPERY	DOVER
MT	REEDO ART SYR J59 PSB WAYNZ (RNAV)–STAR	DULLES
MT	REEDO ART SYR J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	FT LAUDERDALE
MT	REEDO ART SYR JHW Q29 KLYNE PXV J131 LIT J180 SWB EDWAH Q33 SWEUP ZEEKK (RNAV)–STAR	HOUSTON
MT	TVC OBK JOT SPI J101 LIT J180 SWB EDWAH Q33 SWEUP ZEEKK (RNAV)–STAR	HOUSTON
MT	REEDO ART SYR ARRKK PUCKY (RNAV)–STAR	KENNEDY
MT	REEDO ART SYR CFB LVZ V147 MAZIE (RNAV)–STAR	MCGUIRE
MT	REEDO ART SYR J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 JEVED Q97 DERBL CSTAL (RNAV)–STAR	MIAMI
MT	OBRET DATAB VIDGO EMPEK SATOT PIGNA	MONTREAL/MIRABEL
MT	OBRET LAFLEUR Arrival	MONTREAL/TRUDEAU
MT	REEDO ART SYR HNK FLOSI (RNAV)–STAR	NEWARK
MT	REEDO ART SYR J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	ORLANDO
MT	REEDO ART SYR J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	ORLANDO
MT	REEDO ART SYR JHW YTOWN JESEY (RNAV)–STAR	PITTSBURGH
MT	TVC OBK J71 RBS AARCH (RNAV)–STAR	ST. LOUIS
MT	REEDO ART SYR ROD VHP AARCH (RNAV)–STAR	ST. LOUIS
MT	REEDO ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
MT	ROSVO IMEBA-STAR	TORONTO

VIA QUBIS

Inland Navigation Facility/Fix	Non–Common Portion	Destination
QUBIS	BEEKN Q439 RIFLE Q167ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
QUBIS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
QUBIS	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
QUBIS	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
QUBIS	ENE LWRNC	BEDFORD
QUBIS	AJJAY OOSHN (RNAV)–STAR	BOSTON
QUBIS	BEEKN Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
QUBIS	KAYCC KYLOH NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
QUBIS	CBIRD KJOHN ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
QUBIS	CBIRD KJOHN ALB J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
QUBIS	PUPOV Q806 BOBTA TPGUN (RNAV)–STAR	DETROIT
QUBIS	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
QUBIS	CBIRD KJOHN ALB HYPER (RNAV)–STAR	DULLES
QUBIS	KAYCC KYLOH NELIE Q75 GVE SBV RDU	FAYETTEVILLE, NC
QUBIS	BEEKN Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
QUBIS	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
QUBIS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
QUBIS	ENE PARCH (RNAV)–STAR	KENNEDY
QUBIS	CBIRD KJOHN PONCT PUCKY (RNAV)–STAR	KENNEDY
QUBIS	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
QUBIS	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
QUBIS	BEEKN Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
QUBIS	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	MEMPHIS
QUBIS	BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
QUBIS	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
QUBIS	CBIRD KJOHN ALB J49 PSB HVQ VXV NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
QUBIS	CBIRD KJOHN HANAA FLOSI (RNAV)–STAR	NEWARK
QUBIS	BEEKN Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
QUBIS	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
QUBIS	CBIRD KJOHN ALB J49 HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
QUBIS	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
QUBIS	CBIRD KJOHN ALB V123 TRESA (RNAV)–STAR	STEWART
QUIBS	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
QUBIS	CBIRD KJOHN ALB V489 COATE	TETERBORO
QUBIS	CBIRD KJOHN RIVVR VALRE–STAR	WESTCHESTER
QUBIS	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
QUBIS	ENE KEYNN	WINDSOR LOCKS

VIA ROUND

Inland Navigation Facility/Fix	Non–Common Portion	Destination
ROUND	TVC OBK J73 BNA NEWBB IHAVE MTHEW CHPPR (RNAV)–STAR	ATLANTA
ROUND	SSM WYNDE (RNAV)–STAR	CHICAGO
ROUND	ROSVO Q802 KENLU Q804 DERLO WWSHR UKATS TIGRR (RNAV)–STAR	CINCINNATI
ROUND	TVC BAE WELTS SGF RZC FSM RRNET SEEVR (RNAV)–STAR	DALLAS/FT. WORTH
ROUND	YVO BOBTA TPGUN (RNAV)–STAR	DETROIT
ROUND	TVC OBK JOT SPI J101 LIT J180 SWB EDWAH Q33 SWEUP ZEEKK (RNAV)–STAR	HOUSTON
ROUND	TVC OBK J71 RBS AARCH (RNAV)–STAR	ST. LOUIS
ROUND	ROSVO IMEBA-STAR	TORONTO

VIA SAILE

Inland Navigation Facility/Fix	Non–Common Portion	Destination
SAILE	JAWZZ Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
SAILE	ACK Q430 BYRDD J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
SAILE	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
SAILE	SCUPP	BEDFORD
SAILE	FERNZ OOSHN (RNAV)–STAR	BOSTON
SAILE	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
SAILE	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
SAILE	ACK Q430 SAAME BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)–STAR	DETROIT
SAILE	JAWZZ Q220 RIFLE Q439 BRIGS SIE	DOVER
SAILE	ACK Q430 RBV HYPER (RNAV)–STAR	DULLES
SAILE	ACK Q430 RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
SAILE	ACK Q430 RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
SAILE	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
SAILE	PLYMM PARCH (RNAV)–STAR	KENNEDY
SAILE	ACK Q430 SAAME J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
SAILE	JAWZZ Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
SAILE	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
SAILE	ACK Q430 SAAME J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
SAILE	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
SAILE	ACK Q430 SAAME J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
SAILE	ACK Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
SAILE	COPLY BOS NELIE FLOSI (RNAV)–STAR	NEWARK
SAILE	ACK Q430 RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
SAILE	JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
SAILE	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
SAILE	COPLY BOS NELIE T212 TRESA TRESA (RNAV)–STAR	STEWART
SAILE	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
SAILE	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
SAILE	COPLY BOS NELIE VALRE (RNAV)–STAR	WESTCHESTER
SAILE	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH

VIA SSM

Inland Navigation Facility/Fix	Non–Common Portion	Destination
SSM	GRB J101 BAE J89 OBK J73 BNA NEWBB IHAVE MTHEW CHPPR (RNAV)–STAR	ATLANTA

Inland Navigation Facility/Fix	Non–Common Portion	Destination
SSM	WYNDE (RNAV)–STAR	CHICAGO-OHARE
SSM	SSM J101 BAE WELTS SGF RZC FSM RRNET SEEVR (RNAV)–STAR	DALLAS/FT. WORTH
SSM	SSM GEP J114 ONL PORDR AALLE (RNAV)–STAR	DENVER
SSM	STL J101 LIT J180 SWB EDWAH Q33 SWEUP ZEEKK (RNAV)–STAR	HOUSTON
SSM	HHOGS BAINY (RNAV)–STAR	MINNEAPOLIS/ ST. PAUL
SSM	TVC OBK J71 RBS AARCH (RNAV)–STAR	ST. LOUIS

VIA SYR

Inland Navigation Facility/Fix	Non–Common Portion	Destination
SYR	J59 PSB SHILO V93 BAL	ANDREWS
SYR	J59 PSB Q71 GEFFS HVQ HLRRY ONDRE (RNAV)–STAR	ATLANTA
SYR	SYR J59 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
SYR	FQM IZZEE TRISH (RNAV)–STAR	BALTIMORE
SYR	EEGUL ZELKA (RNAV)–STAR	BEDFORD
SYR	J59 PSB HVQ LNDIZ PARQR (RNAV)–STAR	CHARLOTTE
SYR	JOSSY MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
SYR	GONZZ Q29 KLYNE PXV J131 LIT FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
SYR	HAR LRP V210 BUNTS	DOVER
SYR	J59 PSB WAYNZ (RNAV)–STAR	DULLES
SYR	J59 PSB J61 EMI GVE SBV RDU	FAYETTEVILLE, NC
SYR	J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	FT LAUDERDALE
SYR	J59 PSB Q71 GEFFS HVQ DAJPI RCTOR (RNAV)–STAR	GREER, SC
SYR	GONZZ Q29 HARES SWB SWEUP ZEEKK (RNAV)–STAR	HOUSTON
SYR	ARRKK PUCKY (RNAV)–STAR	KENNEDY
SYR	J59 PSB Q71 GEFFS HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
SYR	PSB HAR LRP V210 BUNTS	MGUIRE
SYR	J59 PSB QUARM AIR HVQ Q147 BURGG QUIWE Q93 GIPPL Q85 LPERD OMN BITHO–STAR	MELBOURNE, FL
SYR	J59 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
SYR	J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 JEVED Q97 DEBRL CSTAL (RNAV)–STAR	MIAMI
SYR	J59 PSB Q71 GEFFS HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
SYR	J59 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
SYR	HNK FLOSI Arrival	NEWARK
SYR	J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	ORLANDO
SYR	J59 PSB Q71 EMNEM Q103 SLOJO EFFAY Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	ORLANDO
SYR	CFB SPUDS (RNAV)–STAR	PHILADELPHIA
SYR	JHW ERI YTOWN JESEY (RNAV)–STAR	PITTSBURGH
SYR	GONZZ Q29 KLYNE ROD VHP AARCH (RNAV)–STAR	ST LOUIS
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
SYR	ALB NELIE (RNAV)–STAR	WESTHAMPTON BEACH
SYR	ALB STELA–STAR	WINDSOR LOCKS

VIA TAFFY

Inland Navigation Facility/Fix	Non–Common Portion	Destination
TAFFY	PQI Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
TAFFY	KJOHN ALB ACOVE DBABE Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
TAFFY	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
TAFFY	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
TAFFY	ENE LWRNC	BEDFORD
TAFFY	AJJAY OOSHN (RNAV)–STAR	BOSTON
TAFFY	PQI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
TAFFY	KAYCC KYLOH NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
TAFFY	KJOHN ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
TAFFY	KJOHN ALB J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
TAFFY	PUPOV Q806 BOBTA TPGUN (RNAV)–STAR	DETROIT
TAFFY	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
TAFFY	KJOHN ALB HYPER (RNAV)–STAR	DULLES
TAFFY	KAYCC KYLOH NELIE Q75 GVE SBV RDU	FAYETTEVILLE, NC
TAFFY	PQI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
TAFFY	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
TAFFY	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
TAFFY	ENE PARCH Arrival	KENNEDY
TAFFY	CBIRD KJOHN PONCT PUCKY (RNAV)–STAR	KENNEDY
TAFFY	CBIRD KJOHN ALB J49 PSP Q71 GEFFS HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
TAFFY	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
TAFFY	PQI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
TAFFY	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
TAFFY	PQI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
TAFFY	TIBOS ROCKET (CANADIAN) THREE (RNAV)–STAR	MONTREAL/ TRUDEAU
TAFFY	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
TAFFY	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
TAFFY	KJOHN HANAA FLOSI (RNAV)–STAR	NEWARK
TAFFY	PQI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
TAFFY	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
TAFFY	CBIRD KJOHN ALB J49 HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
TAFFY	PQI Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
TAFFY	CBIRD KJOHN ALB TRESA (RNAV)–STAR	STEWART
TAFFY	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
TAFFY	KJOHN ALB V489 COATE	TETERBORO
TAFFY	CBIRD KJOHN RIVVR VALRE (RNAV)–STAR	WESTCHESTER
TAFFY	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
TAFFY	ENE KEYNN	WINDSOR LOCKS

VIA TOPPS

Inland Navigation Facility/Fix	Non–Common Portion	Destination
TOPPS	BEEKN Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
TOPPS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
TOPPS	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
TOPPS	ENE LWRNC	BEDFORD
TOPPS	AJJAY OOSHN (RNAV)–STAR	BOSTON
TOPPS	BEEKN Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
TOPPS	KAYCC KYLOH NELIE Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
TOPPS	YUL LETAK Q824 TAGUM ECK FNT WYNDE (RNAV)–STAR	CHICAGO
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
TOPPS	DERDO Q806 BOBTA TPGUN (RNAV)–STAR	DETROIT
TOPPS	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
TOPPS	KAYCC KYLOH BAF HYPER Arrival	DULLES
TOPPS	KAYCC KYLOH NELIE Q75 GVE SBV RDU	FAYETTEVILLE, NC
TOPPS	BEEKN Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
TOPPS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
TOPPS	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
TOPPS	ENE PARCH Arrival	KENNEDY
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
TOPPS	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
TOPPS	BEEKN Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
TOPPS	BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
TOPPS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
TOPPS	BEEKN Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
TOPPS	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
TOPPS	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
TOPPS	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
TOPPS	VIVIL ROGSA URVAS DAXES VIBNU	MONTREAL/MIRABEL
TOPPS	KEBIG ROCKET (CANADIAN) ONE (RNAV)–STAR	MONTREAL/TRUDEAU
TOPPS	YUL LETAK IMEBA Arrival	TORONTO
TOPPS	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
TOPPS	ENE KEYNN	WINDSOR LOCKS

VIA TUSKY

Inland Navigation Facility/Fix	Non–Common Portion	Destination
TUSKY	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
TUSKY	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
TUSKY	Q475 COPLY Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
TUSKY	SCUPP	BEDFORD
TUSKY	EURRO OOSHN (RNAV)–STAR	BOSTON
TUSKY	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	CINCINNATI
TUSKY	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
TUSKY	Q475 COPLY Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
TUSKY	GONZZ DONEO TPGUN (RNAV)–STAR	DETROIT
TUSKY	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
TUSKY	BOS BAF HYPER Arrival	DULLES
TUSKY	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
TUSKY	FOXBO RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
TUSKY	COPLY Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
TUSKY	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
TUSKY	PLYMM PARCH Arrival	KENNEDY
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
TUSKY	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
TUSKY	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
TUSKY	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
TUSKY	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
TUSKY	Q475 COPLY BOS NELIE FLOSI (RNAV)–STAR	NEWARK
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
TUSKY	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
TUSKY	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
TUSKY	BOS CTR HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
TUSKY	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
TUSKY	COPLY BOS NELIE T212 TRESA TRESA (RNAV)–STAR	STEWART
TUSKY	Q475 COPLY Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
TUSKY	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
TUSKY	COPLY BOS NELIE VALRE (RNAV)–STAR	WESTCHESTER
TUSKY	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
TUSKY	BOS T303 GRAYM WITNY	WINDSOR LOCKS

VIA VANSI

Inland Navigation Facility/Fix	Non–Common Portion	Destination
VANSI	TVC OBK J73 BNA NEWBB IHAVE MTHEW CHPPR (RNAV)–STAR	ATLANTA
VANSI	SSM WYNDE (RNAV)–STAR	CHICAGO
VANSI	ROSVO Q802 KENLU Q804 DERLO WWSHR UKATS TIGRR (RNAV)–STAR	CINCINNATI
VANSI	TVC BAE WELTS SGF RZC FSM RRNET SEEVR (RNAV)–STAR	DALLAS/FT WORTH
VANSI	YVO BOBTA TPGUN (RNAV)–STAR	DETROIT
VANSI	TVC OBK JOT SPI J101 LIT J180 SWB EDWAH Q33 SWEUP ZEEKK (RNAV)–STAR	HOUSTON
VANSI	TVC OBK J71 RBS AARCH (RNAV)–STAR	ST LOUIS
VANSI	ROSVO IMEBA-STAR	TORONTO

VIA VITOL

Inland Navigation Facility/Fix	Non–Common Portion	Destination
VITOL	JAWZZ Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
VITOL	ACK Q430 BYRDD J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
VITOL	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
VITOL	SCUPP	BEDFORD
VITOL	EURRO OOSHN (RNAV)–STAR	BOSTON
VITOL	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
VITOL	ACK Q430 COPES Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
VITOL	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
VITOL	ACK Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
VITOL	ACK Q430 SAAME BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)–STAR	DETROIT
VITOL	JAWZZ Q220 RIFLE Q439 BRIGS SIE	DOVER
VITOL	ACK Q430 RBV HYPER (RNAV)–STAR	DULLES
VITOL	ACK Q430 RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
VITOL	ACK Q430 RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
VITOL	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
VITOL	ACK Q430 BYRDD J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
VITOL	PLYMM PARCH Arrival	KENNEDY
VITOL	ACK Q430 SAAME J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
VITOL	JAWZZ Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
VITOL	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
VITOL	ACK Q430 SAAME J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
VITOL	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
VITOL	ACK Q430 SAAME J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
VITOL	ACK Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
VITOL	COPLY BOS NELIE FLOSI (RNAV)–STAR	NEWARK
VITOL	ACK Q430 RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
VITOL	JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
VITOL	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
VITOL	COPLY BOS NELIE T212 TRESA TRESA (RNAV)–STAR	STEWART
VITOL	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
VITOL	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
VITOL	COPLY BOS NELIE VALRE (RNAV)–STAR	WESTCHESTER
VITOL	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
VITOL	BOS T303 GRAYM WITNY	WINDSOR LOCKS

VIA WHALE

Inland Navigation Facility/Fix	Non–Common Portion	Destination
WHALE	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
WHALE	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	ATLANTA
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)–STAR	AUSTIN
WHALE	BOS Q75 MXE NUGGY TRISH (RNAV)–STAR	BALTIMORE
WHALE	SCUPP	BEDFORD
WHALE	EURRO OOSHN (RNAV)–STAR	BOSTON
WHALE	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)–STAR	CHARLESTON, SC
WHALE	ACK Q430 COPES Q75 GVE AIROW CHSLY (RNAV)–STAR	CHARLOTTE
WHALE	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)–STAR	CINCINNATI
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
WHALE	CAM Q822 GONZZ DONEO TPGUN (RNAV)–STAR	DETROIT
WHALE	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
WHALE	BOS BAF HYPER Arrival	DULLES
WHALE	ACK Q430 RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
WHALE	ACK Q430 RIFLE HEADI Q97 KALDA Q161 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	FT LAUDERDALE
WHALE	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)–STAR	GREER, SC
WHALE	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	HOUSTON
WHALE	PLYMM PARCH Arrival	KENNEDY
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY LEDDL (RNAV)–STAR	LOUISVILLE
WHALE	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	MCGUIRE
WHALE	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)–STAR	MEMPHIS
WHALE	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	MIAMI
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY CUTRR PASLY (RNAV)–STAR	NASHVILLE
WHALE	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	NEW ORLEANS
WHALE	COPLY BOS NELIE FLOSI (RNAV)–STAR	NEWARK
WHALE	ACK Q430 RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	ORLANDO
WHALE	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)–STAR	PHILADELPHIA
WHALE	BOS CTR HNK KONJE SLT HAYNZ (RNAV)–STAR	PITTSBURGH
WHALE	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)–STAR	RALEIGH–DURHAM
WHALE	COPLY BOS NELIE T212 TRESA TRESA (RNAV)–STAR	STEWART
WHALE	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)–STAR	TAMPA
WHALE	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
WHALE	COPLY BOS NELIE VALRE (RNAV)–STAR	WESTCHESTER
WHALE	LFV SEY ARCAV ORCHA	WESTHAMPTON BEACH
WHALE	BOS T303 GRAYM WITNY	WINDSOR LOCKS

VIA YBC

Inland Navigation Facility/Fix	Non–Common Portion	Destination
YBC	POLTY Q804 DERLO DJB Q149 SAYD HLRRY ONDRE (RNAV)–STAR	ATLANTA
YBC	POLTY Q804 DERLO WWSHR UKATS TIGRR (RNAV)–STAR	CINCINNATI
YBC	YUC KAPUX HOCKE FNT WYNDE (RNAV)–STAR	CHICAGO
YBC	POLTY Q804 DERLO WWSHR Q29 KYLNE PXV LIT FEWWW SEEVR (RNAV)–STAR	DALLAS/FT WORTH
YBC	YUC KENLU BOBTA TPGUN (RNAV)–STAR	DETROIT
YBC	POLTY Q804 DERLO WWSHR Q29 KYLNE PXV J131 LIT EDWAH Q33 SWEUP ZEEKK (RNAV)–STAR	HOUSTON
YBC	CATOG	MONTREAL/MIRABEL
YBC	ROSVO ECK GIJ RBS AARCH (RNAV)–STAR	ST LOUIS
YBC	POLTY IMEBA (RNAV)–STAR	TORONTO

MINIMUM OPERATIONAL NETWORK (MON) AIRPORT LISTING

STATE	CITY	AIRPORT NAME	LOCATION IDENTIFIER
CT	WINDSOR LOCKS	BRADLEY INTL	BDL
MA	HYANNIS	CAPE COD GATEWAY	HYA
MD	FREDERICK	FREDERICK MUNI	FDK
ME	MILLINOCKET	MILLINOCKET MUNI	MLT
ME	PORTLAND	PORTLAND INTL JETPORT	PWM
ME	PRESQUE ISLE	PRESQUE ISLE INTL	PQI
ME	WATERVILLE	WATERVILLE ROBERT LAFLEUR	WVL
NJ	WILDWOOD	CAPE MAY COUNTY	WWD
NY	BINGHAMTON	GREATER BINGHAMTON/EDWIN A LINK FLD	BGM
NY	JAMESTOWN	CHAUTAUQUA COUNTY/JAMESTOWN	JHW
NY	NEW YORK	NEW YORK STEWART INTL	SWF
NY	WATERTOWN	WATERTOWN INTL	ART
PA	BUTLER	PITTSBURGH/BUTLER RGNL	BTP
VA	CHARLOTTESVILLE	CHARLOTTESVILLE-ALBEMARLE	CHO
VA	RICHMOND	RICHMOND INTL	RIC
VT	BARRE/MONTPELIER	EDWARD F KNAPP STATE	MPV
WV	CHARLESTON	WEST VIRGINIA INTL YEAGER	CRW

In support of the Federal Aviation Administration's Runway Incursion Program, selected towered airport diagrams have been published in the Airport Diagram section of the Chart Supplement. Diagrams will be listed alphabetically by associated city and airport name. Airport diagrams, depicting runway and taxiway configurations, will assist both VFR and IFR pilots in ground taxi operations. The airport diagrams in this publication are the same as those published in the U.S. Terminal Procedures Publications. For additional airport diagram legend information see the U.S. Terminal Procedures Publication.

NOTE: Some text data published under the individual airport in the front portion of the Chart Supplement may be more current than the data published on the Airport Diagrams. The airport diagrams are updated only when significant changes occur.

PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Available pilot controlled lighting (PCL) systems are indicated as follows:
1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., (ALSF), (MALSR), (SSALR)
2. Approach lighting systems that do not bear a system identification are indicated with a negative "(L)" beside the name.
A star (★) indicates non-standard PCL, consult Chart Supplement, e.g., (L★)
To activate lights, use frequency indicated in the communication section of the chart with a (L) or the appropriate lighting system identification e.g., UNICOM 122.8 (L), (ALSF), (MALSR)

KEY MIKE	FUNCTION
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-off)

CHART CURRENCY INFORMATION

Date of Latest Revision 09365

The Date of Latest Revision identifies the Julian date the chart was added or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest revision of any kind has been made to the chart.

FAA Procedure Amendment Number → Orig 31DEC09 / Amdt 2B 12MAR09 ← Procedure Amendment Effective Date

The FAA Procedure Amendment Number represents the most current amendment of a given procedure. The Procedure Amendment Effective Date represents the AIRAC cycle date on which the procedure amendment was incorporated into the chart. Updates to the amendment number & effective date represent procedural/criteria revisions to the charted procedure, e.g., course, fix, altitude, minima, etc.

NOTE: Inclusion of the "Procedure Amendment Effective Date" will be phased in as procedures are amended. As this occurs, the Julian date will be relocated to the upper right corner of the chart.

MISCELLANEOUS

★ Indicates a non-continuously operating facility, see Chart Supplement.
For Civil (FAA) instrument procedures, "RADAR REQUIRED" in the planview of the chart indicates that ATC radar must be available to assist the pilot when transitioning from the en route environment. "Radar required" in the pilot briefing portion of the chart indicates that ATC radar is required on portions of the procedure outside the final approach segment, including the missed approach. Some military procedures also have equipment requirements such as "Radar Required", but do not conform to the same charting application standards used by the FAA. Distances in nautical miles (except visibility in statute miles and Runway Visual Range in hundreds of feet). Runway Dimensions in feet. Elevations in feet. Mean Sea Level (MSL). Ceilings in feet above airport elevation. Radials/bearings/headings/courses are magnetic. Horizontal Datum: Unless otherwise noted on the chart, all coordinates are referenced to North American Datum 1983 (NAD 83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

Terrain is scaled within the neat lines (planview boundaries) and does not accurately underlie not-to-scale distance depictions or symbols.

26246

LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

Runways

Hard Surface | Other Than Hard Surface | Taxiways, Parking Areas | Stopways, Overruns, Blast Pads | Metal Surface

Closed Runway | Closed Surface | Non-Movement | Under Construction | Water Runway

ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.

uni-directional | bi-directional | Jet Barrier

ARRESTING SYSTEM (EMAS)

REFERENCE FEATURES

Displaced Threshold
Hot Spot
Runway Holding Position Markings
Buildings
Self-Serve Fuel ##
Tanks
Obstructions
Airport Beacon #
Runway Radar Reflectors
Bridges
Control Tower # TWR

	Unlit	Lit
Wind Cone		
Landing Tee		
Tetrahedron		

When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

See appropriate Chart Supplement for information.

Runway Weight Bearing Capacity or Pavement Classification Number (PCN)/Pavement Classification Rating (PCR) is shown as a codified expression. Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCR 560 R/B/W/T; S-75, D-185, 2D-325, 2D/2D2-1120

Helicopter Alighting Areas

Negative Symbols used to identify Copter Procedures

landing point

NOTE:
Landmark features depicted on Copter Approach insets and sketches are provided for visual reference only.

Runway TDZ elevation.....TDZE 123

Runway Slope..... ← 0.3% Down.....0.8% UP →
(shown when rounded runway slope is ≥ 0.3%)

NOTE:
Runway Slope measured to midpoint on runways 8000 feet or longer.

U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or ½ minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

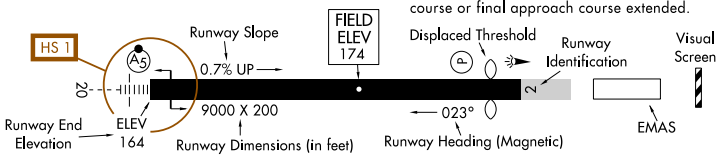
Positional accuracy within ± 600 feet unless otherwise noted on the chart.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A D symbol is shown to indicate runway declared distance information available, see appropriate Chart Supplement for distance information.

NOTE:
All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in DoD FLIP. (Foreign Only)

The airport sketch box includes the final approach course or final approach course extended.



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

LEGEND

HOT SPOTS

An “Airport surface hot spot” is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A “hot spot” is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or ellipses designated as “HS 1”, “HS 2”, etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
CONNECTICUT		
DANBURY		
DANBURY MUNI (DXR)	HS 1	Maint vigilance confusing twy configuration. Pilots unfamiliar should ask for progressives.
	HS 2	Area not visible from the twr.
	HS 3	Active ramp adjacent to twy.
	HS 4	Hold position marking on Twy C for Rwy 26 is further from the rwy than the std location. It will appear before you expect it.
GROTON (NEW LONDON)		
GROTON–NEW LONDON (GON)	HS 1	When ldg Rwy 15–33 and exit on Twy C, you immediately enter the parallel Twy B.
	HS 2	When ldg Rwy 15–33 and exit on Twy J, you immediately enter the parallel Twy B.
HARTFORD		
HARTFORD–BRAINARD (HFD)	HS 1	Helipad 1 is near the intersection of Twy A and H, north apron, and Twy A north of Twy H.
WINDSOR LOCKS		
BRADLEY INTL (BDL)	HS 1	Acft on Twy S missing Twy C may enter Rwy 24.
	HS 2	Acft on Twy D missing Twy S may enter Rwy 33.
DELAWARE		
DOVER		
DOVER AFB (DOV)	HS 1	Intersecting of Rwy 01–19, Rwy 14–32 and Twy D btn the runways can create confusion. Query twr if lost or need help.
	HS 2	Rwy 01–19 btn Twy B and Twy E has had an increased No of rwy incursions.
	HS 3	Rwy 14–32 btn C Twy has had an increased No of rwy incursions.
WILMINGTON		
NEW CASTLE (ILG)	HS 1	Twy F intersects Rwy 09–27 which is in close proximity to the thld of Rwy 14–32.
	HS 2	Rwy incursion risk. Risk of surface incident and loss of situational awareness due to taxiway geometry at the intersection of Twy K6 and Rwy 14.
DISTRICT OF COLUMBIA		
WASHINGTON		
RONALD REAGAN WASHINGTON NTL (DCA)	HS 1	Twy N, Twy K, Twy L, and Twy J complex int in close proximity of the rwy.
	HS 2	Maint awareness of Hold Line posn for Rwy 19 fr the Hold Bay and while approaching Rwy 19 on Twy J.
	HS 3	Acft joining Twy J inadvertently cont onto Twy G or Twy M and enter Rwy 01–19 wo clnc.
MAINE		
PORTLAND		
PORTLAND INTL JETPORT (PWM)	HS 1	Afct taxiing southbound on Twy C must be alert to not miss the turn at Twy A and enter Rwy 11–29 wo authorization.
	HS 2	Acft taxiing northbound on Twy C must maint vigilance apch the Rwy 18 hold short marking which is lctd further S on Twy C than most pilots would anticipate.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
MARYLAND		
EASTON		
EASTON/NEWNAM FLD (ESN)	HS 1	Acft taxiing southbound on Twy A to Rwy 33 inadvertently miss the turn onto Twy B and enter Rwy 33 without a clearance. Twy A and Twy B intersection in close proximity to the rwy.
FREDERICK		
FREDERICK MUNI (FDK)	HS 1	Northbound tfc on Twy A must remain alert as to not miss Twy B when taxiing to Rwy 30 and Southeast bound tfc on Twy B as not to miss Twy A when taxiing to Rwy 23.
	HS 2	Northbound tfc on Twy A need to be alert as not to miss Twy B and inadvertently taxi onto Rwy 30.
	HS 3	Southeast bound tfc on Twy B need to be alert as not to miss Twy A and inadvertently taxi onto Rwy 23.
HAGERSTOWN		
HAGERSTOWN RGNL/RICHARD A HENSON FLD (HGR)	HS 1	Maint vigilance congestion area and close proximity to rwys
MASSACHUSETTS		
BEDFORD		
LAURENCE G HANSCOM FLD (BED)	HS 1	Pilots become confused with the wide expanse of pavement and convergence of numerous twys.
BEVERLY		
BEVERLY RGNL (BVY)	HS 1	Rwy incursion risk. Rwy 16–34 at Twy E. Direct access to Rwy from East ramp.
	HS 2	Maintain vigilance on Twy E while taxiing to Rwy 27. Be alert to not miss the turn onto Twy H.
	HS 3	Rwy Incursion Risk. Rwy 16–34 and Twy A. Runway Position Holding Markings further from Rwy than expected with abnormal angle.
BOSTON		
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)	HS 1	Maint vigilance when taxiing on Rwy 15L–33R approaching Rwy 04L–22R.
	HS 2	Twy N and Rwy 15R–33L.
	HS 3	Maint vigilance on Twy E and Twy K when approaching Rwy 04L–22R.
	HS 4	Maint vigilance on Twy C when approaching Rwy 09–27. Maint vigilance on Twy D when approaching Rwy 15R–33L.
LAWRENCE		
LAWRENCE MUNI (LWM)	HS 1	Maintain vigilance approaching Rwy 05–23 hold lines.
	HS 2	Maintain vigilance on Twy A; hold line to Rwy 14–32 appears quickly.
NANTUCKET		
NANTUCKET MEML (ACK)	HS 1	Rwy incursion risk. Rwy 06–24, Twy B and Twy E. Direct access to rwy and complex geometry due to converging Twys.
	HS 2	Rwy incursion risk. Rwy 06–24, Twy C and Twy E. Direct access to rwy and complex geometry due to converging Twys.
	HS 3	Risk of surface incident. Twy E and Twy F. Complex geometry due to diverging Twys.
	HS 4	Risk of surface incident. Twys E, F, G, H. Complex geometry due to converging Twys.
WESTFIELD/SPRINGFIELD		
WESTFIELD–BARNES RGNL (BAF)	HS 1	Maint vigilance departing ramp. Twy A and Twy B complex int in close proximity to rwys.
	HS 2	Unusual lctn for rwy hold posn marking on Twy A for Rwy 15.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
NEW HAMPSHIRE		
LEBANON		
LEBANON MUNI (LEB)	HS 1	Rwy Incursion Risk. Rwy 25 and Twy B. Runway Holding Position Markings further from Rwy than expected. Observe elevated guard lgts.
	HS 2	Rwy Incursion Risk. Rwy 07–25 at Twy B1 or B2. Direct access to the Rwy from ramp and Runway Holding Position Markings not visible from tower.
	HS 3	Rwy Incursion Risk. Twy A2 and Rwy 18–36. Acft routinely require back taxi ops.
NEW JERSEY		
ATLANTIC CITY		
ATLANTIC CITY INTL (ACY)	HS 1	Maint vigilance crossing Rwy 13–31 on Twy A and Rwy 04–22 on Twy B due to close proximity.
CALDWELL		
ESSEX CO (CDW)	HS 1	Pilots taxiing to Rwy 28 northbound on Twy P should exercise caution at intersection of Twy P and Twy N due to close proximity to Rwy 28.
MORRISTOWN		
MORRISTOWN MUNI (MMU)	HS 1	Runway incursion risk. Rwy 13/31, Rwy 5/23, Twy A and Twy B. Complex geometry due to converging runways and taxiways.
NEWARK		
NEWARK LIBERTY INTL (EWR)	HS 1	EB acft departing full len Rwy 22R may become disoriented after reaching the Rwy 22R/04L hold bar on Twy Zulu. From this pt Twy Z7 is to the left, Twy Z cont straight ahead, and the end of Rwy 22R is the next right turn, marked by 4 yellow chevrons on the pavement. Also, acft taxing NB via Twy P, crossing Rwy 11/29 and turning WB onto Twy Z will immediately reach Rwy 04L/22R hold bar.
TETERBORO		
TETERBORO (TEB)	HS 1	Maintain vigilance on Twy L at Rwy 06–24. High tfc area.
	HS 2	Maintain vigilance on Twy G at Rwy 06–24. High tfc area.
TRENTON		
TRENTON MERCER (TTN)	HS 1	Rwy incursion risk. After landing, pilots sometimes turn onto the intersecting Rwy without approval. Twy D and Twy F, converging Twys with Rwys.
WRIGHTSTOWN		
MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) (WRI)	HS 1	Acft southbound on Twy H may be required to hold short of Rwy 36 Apch Zone when Rwy 36 or Rwy 18 in use. Rwy 36 Apch Zone is prior to Rwy 36 Hold Short Line.
	HS 2	Acft southwest bound on Twy G may be required to hold short of Rwy 36 Apch Zone when Rwy 36 or Rwy 18 in use.
NEW YORK		
BUFFALO		
BUFFALO NIAGARA INTL (BUF)	HS 1	Maintain vigilance Twy D and Twy A waiver for ATC crossings.
FARMINGDALE		
REPUBLIC (FRG)	HS 1	When taxing to Rwy 01 on Twy A, pilots fail to make a right on Twy B and enter Rwy 01/19.
	HS 2	Short distance from ramp to Rwy 19 on Twy G4. Rwy incursion risk.
NEW YORK		
JOHN F KENNEDY INTL (JFK)	HS 1	Maint vigilance Twy K and Twy J complex int close proximity to Rwy 04L and Rwy 31L.
NEW YORK		
LAGUARDIA (LGA)	HS 1	Intersection of rwys and Twy G, Twy P, Twy R, Twy S.
	HS 2	Maintain vigilance when exiting Rwy 04 at Twy Q. Be sure to completely cross the hold line which requires crossing onto another twy.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
NEW YORK		
LONG ISLAND MAC ARTHUR (ISP)	HS 1	Maint vigilance at Int. of Rwy 24 and 33L, pilots often depart Rwy 33L instead of 24.
NEW YORK		
NEW YORK STEWART INTL (SWF)	HS 1	Northbound tfc on Twy C sometimes encounter tfc on Twy A.
	HS 2	Be alert of hold line lctn on twy for Rwy 09–27.
NIAGARA FALLS		
NIAGARA FALLS INTL (IAG)	HS 1	Rwy 28R departures from Twy D4 close proximity to Rwy 24.
	HS 2	Twy D goes full len Rwy 24 departures. Twy D4 is for full len departures Rwy 28R.
POUGHKEEPSIE		
HUDSON VALLEY RGNL (POU)	HS 1	Hold line further back on Twy A. ATC non–viz area btw Twy A6 and Rwy 06.
	HS 2	Be alert of hold line lctn on Twy A5 for Rwy 06–24.
SYRACUSE		
SYRACUSE HANCOCK INTL (SYR)	HS 1	Acft taxiing to Rwy 28 have missed the left turn on Twy A or taxiing to Rwy 33 missed the right turn on Twy M.
WHITE PLAINS		
WESTCHESTER CO (HPN)	HS 1	Intersection of Rwy 11–29 and Twy A. Runway incursion risk.
	HS 2	Runway Intersection and Twy H turnoff. Runway incursion risk.
	HS 3	Twy L turns when crossing Rwy 11–29. Runway incursion risk.
	HS 4	Rwy incursion risk. Twy F at Rwy 11–29 intersection. High volume crossing point.

PENNSYLVANIA

HARRISBURG		
CAPITAL CITY (CXY)	HS 1	Rwy 26 LAHSO pavement marking is difficult to see in late afternoon due to sun.
	HS 2	Rwy 08 ILS Critical Area hold line pavement marking is NSTD.
	HS 3	Twy C at Rwy 30. Entrance to Twy B is difficult to see from Twy C due to large pavement area.
HARRISBURG		
HARRISBURG INTL (MDT)	HS 1	Acft taxiing westbound on Twy G inadvertently miss the turn onto Twy A and enter Rwy 13–31 wo authorization. Twy A and Twy G int in close proximity to the rwy.
PHILADELPHIA		
PHILADELPHIA INTL (PHL)	HS 1	Tfc taxiing south on Twy Y must be alert to not miss the turn at Twy S and enter onto Rwy 09R–27L.
	HS 2	Maint vigilance Twy K and Twy D close int to Rwy 35 and 27R.
PITTSBURGH		
ALLEGHENY CO (AGC)	HS 1	Wide pavement int multiple rwys.
	HS 2	Wide pavement int with ramps, twys, and rwy.
READING		
READING RGNL/CARL A SPAATZ FLD (RDG)	HS 1	Hold lines on Twy B for Rwy 31 and Rwy 36 can be confusing due to close proximity.
	HS 2	Area along Twy H from Twy D to Rwy 18 hold line not visible from ATCT.
	HS 3	Area along Twy A from terminal ramp to Rwy 36 hold line not visible from ATCT.
	HS 4	Maint vigilance confusing twy configuration near adj ramp.
WILLIAMSPORT		
WILLIAMSPORT RGNL (IPT)	HS 1	Tfc approaching the Rwy 27 and Rwy 30 Hold Line on Twy B must remain alert so as not to mistake that Hold Line as applying to a single rwy only. The Hold Line applies to Rwy 27 and Rwy 30.

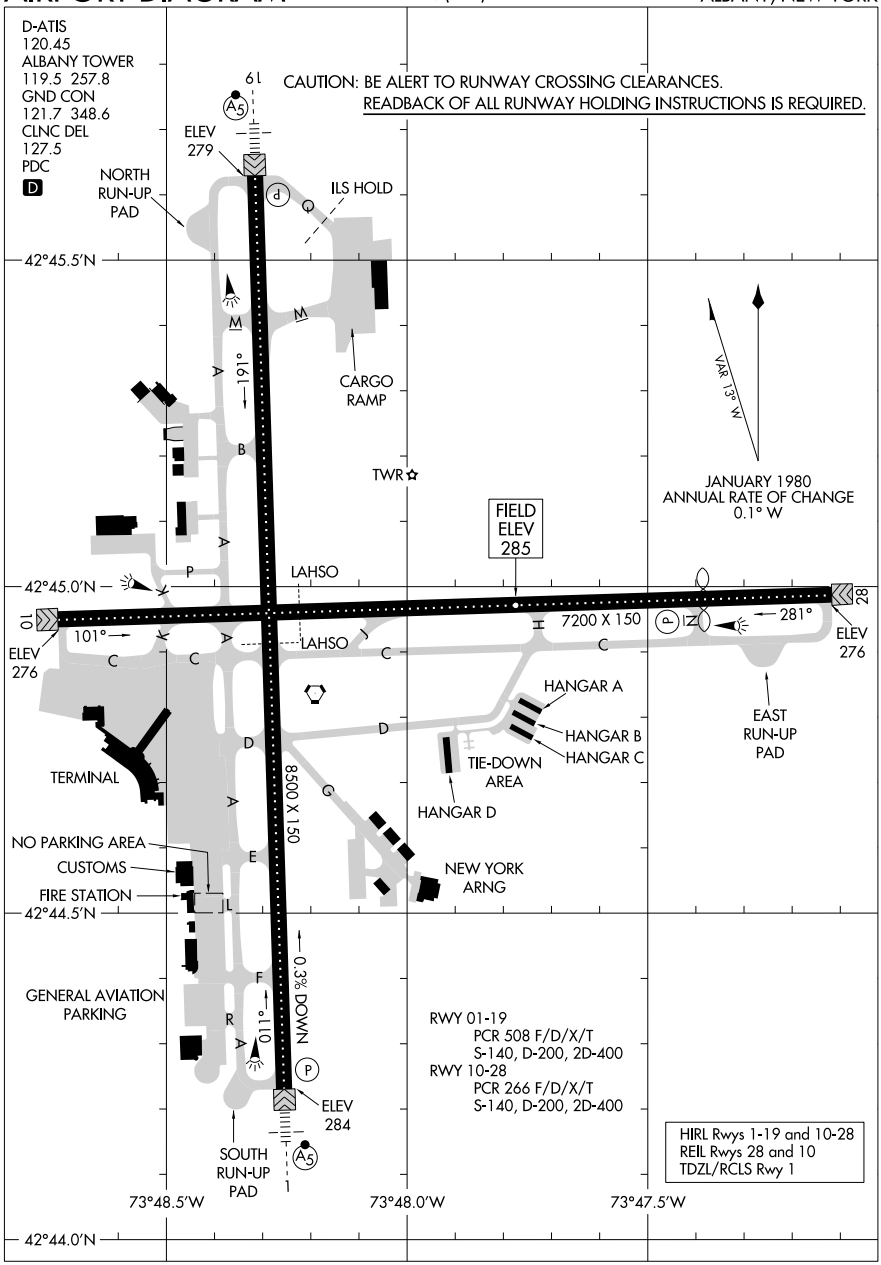
CITY/AIRPORT	HOT SPOT	DESCRIPTION
RHODE ISLAND		
PROVIDENCE		
RHODE ISLAND TF GREEN INTL (PVD)	HS 1	Maint vigilance at Twy M and Twy C due to vast amount of pavement and multiple rwy hold lines in close proximity of rwy.
	HS 2	Int of Rwy 16–34, Twy V, Twy N, and Twy T –complex int with a convergence of numerous twys with Rwy 16–34.
	HS 3	Twy M at the int of Twy B use extra vigilance due to vast amount of pavement and multiple hold lines in close proximity of rwy.
	HS 4	Maint vigilance dep northwest ramp. Twy S is immed adj to NW ramp. Acft could inadvertently enter Rwy 16–34.
	HS 5	Maint vigilance hold short for Rwy 34 not where expected.
VERMONT		
BURLINGTON		
PATRICK LEAHY BURLINGTON INTL (BTV)	HS 1	Rwy incursion risk. Limited sight distance while crossing Rwy 15–33. Two sets of HS markings in close proximity after crossing Rwy 15–33.
	HS 2	Rwy incursion risk. Twys A and G. Loss of situational awareness due to wide expanse of pavement.
VIRGINIA		
NEWPORT NEWS		
NEWPORT NEWS/WILLIAMSBURG INTL (PHF)	HS 1	Maintain vigilance. Due to the large pavement area at the int of Rwy 07–25 and Rwy 02–20, pilots can easily become disoriented through the int.
	HS 2	Wrong rwy departure risk. Pilots instructed to depart Rwy 07 or Rwy 02 may mistakenly depart the adjacent rwy due to the close proximity of the thlds.
RICHMOND		
RICHMOND INTL (RIC)	HS 1	Wrong rwy departure risk. Pilots instructed to depart Rwy 20 or Rwy 16 mistakenly depart the adjacent rwy due to close proximity of thlds. Acft ldg Rwy 34 unable to exit Twy C expect to cross the departure end of Rwy 02 to clear the rwy.
WEST VIRGINIA		
HUNTINGTON		
TRI–STATE/MILTON J FERGUSON FLD (HTS)	HS 1	Maintain vigilance, Twy A does not lead to the end of Rwy 12. Full length departures rqr rwy crossing.

26134

AIRPORT DIAGRAM

AL-10 (FAA)

ALBANY INTL (ALB)
ALBANY, NEW YORK



AIRPORT DIAGRAM

26134

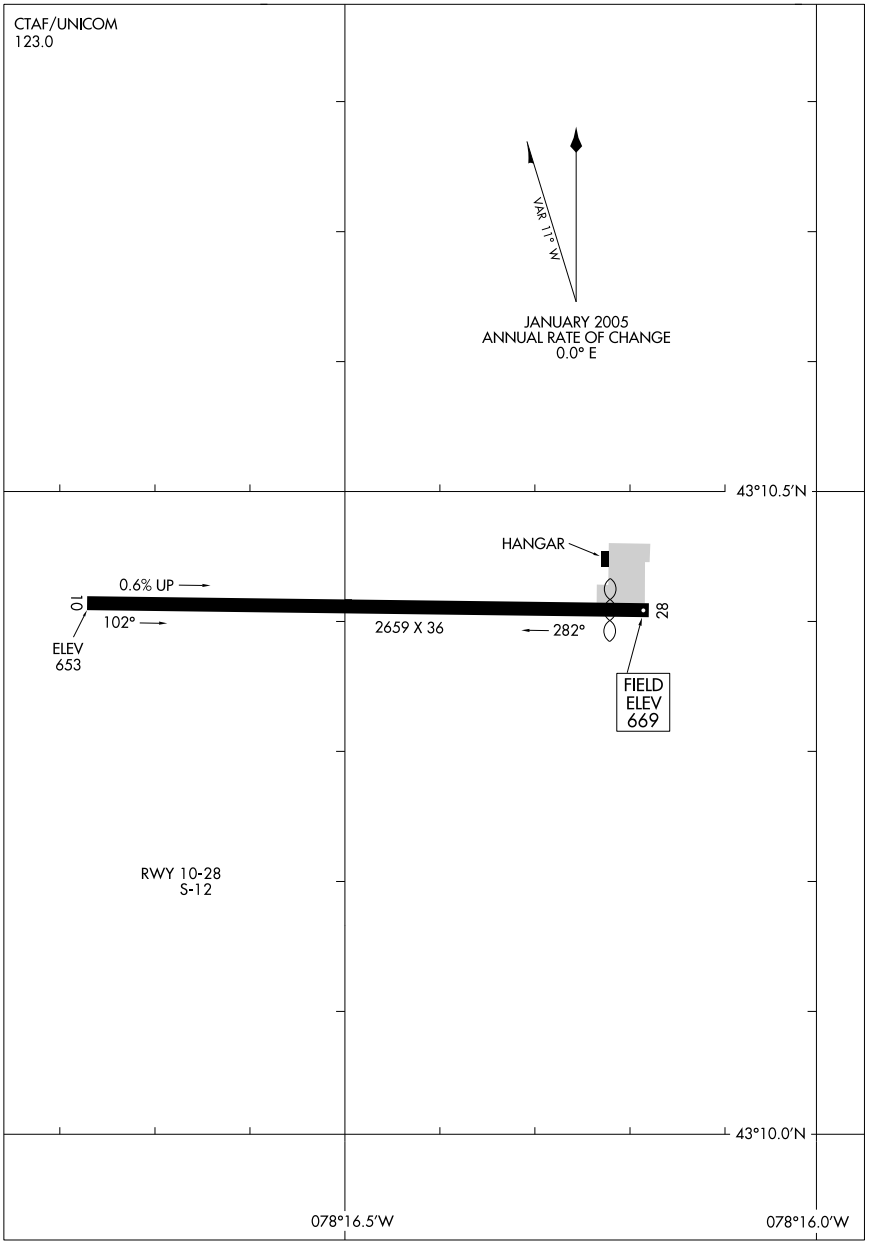
ALBANY, NEW YORK
ALBANY INTL (ALB)

26134

AIRPORT DIAGRAM

AL-6495 (FAA)

PINE HILL (9G6)
ALBION, NEW YORK



AIRPORT DIAGRAM

26134

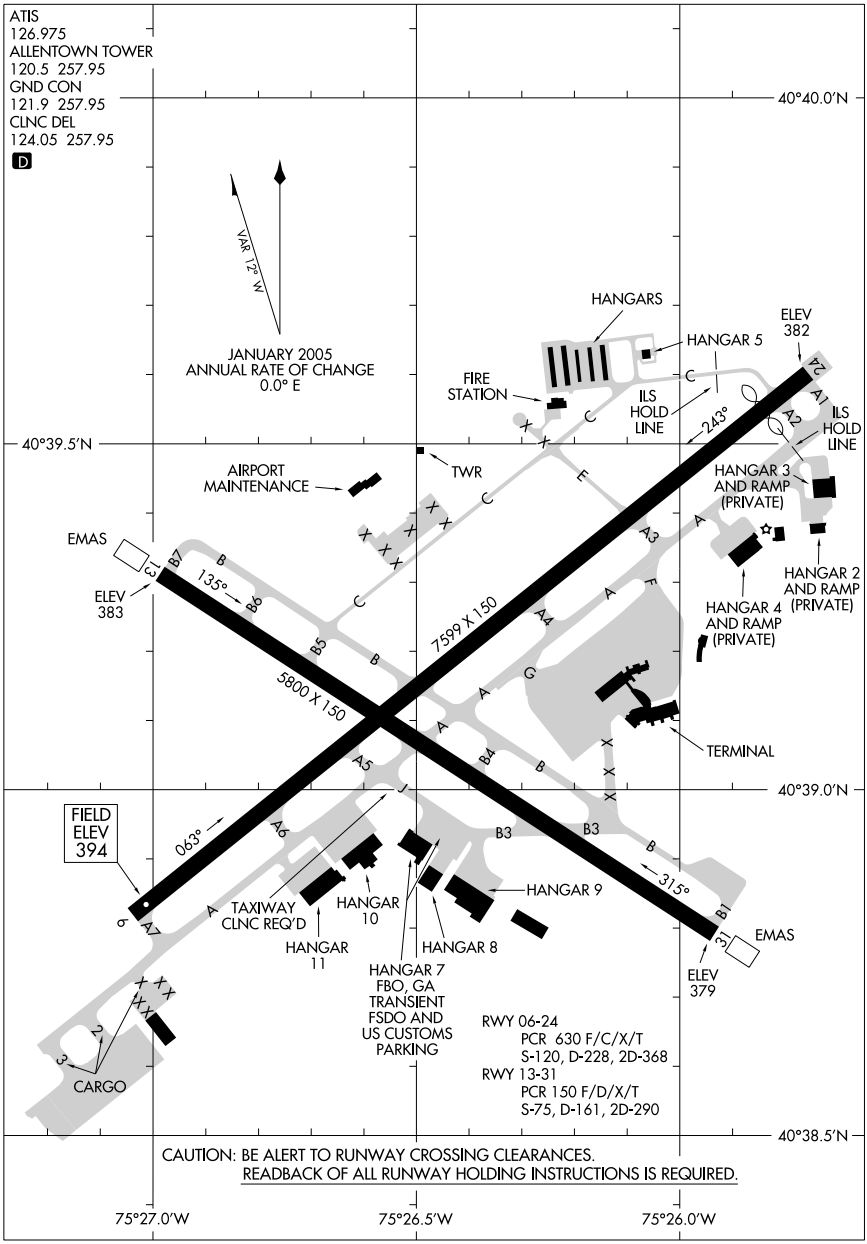
ALBION, NEW YORK
PINE HILL (9G6)

26134

AIRPORT DIAGRAM

AL-15 (FAA)

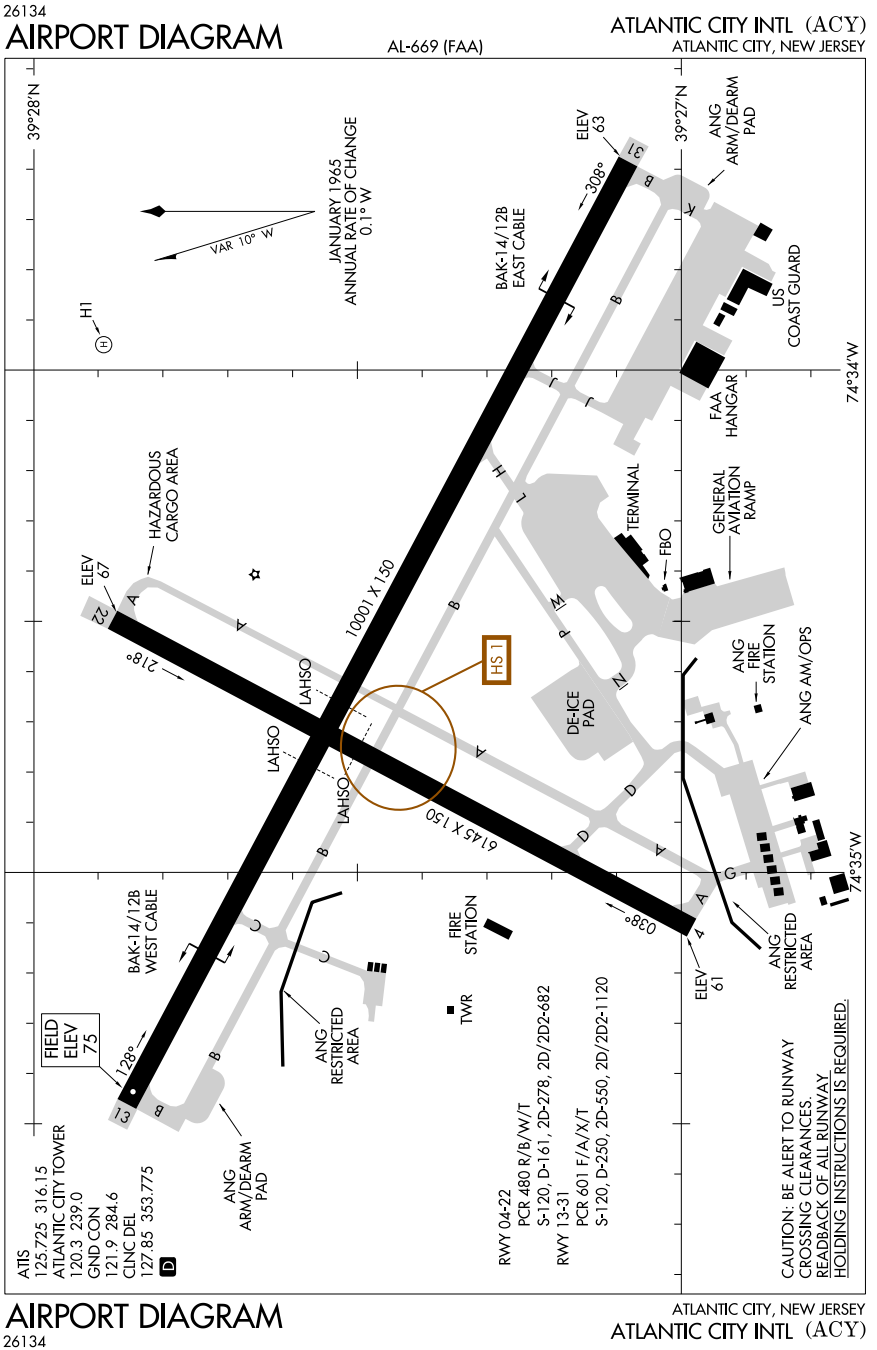
LEHIGH VALLEY INTL (ABE)
ALLENTOWN, PENNSYLVANIA



AIRPORT DIAGRAM

26134

ALLENTOWN, PENNSYLVANIA
LEHIGH VALLEY INTL (ABE)

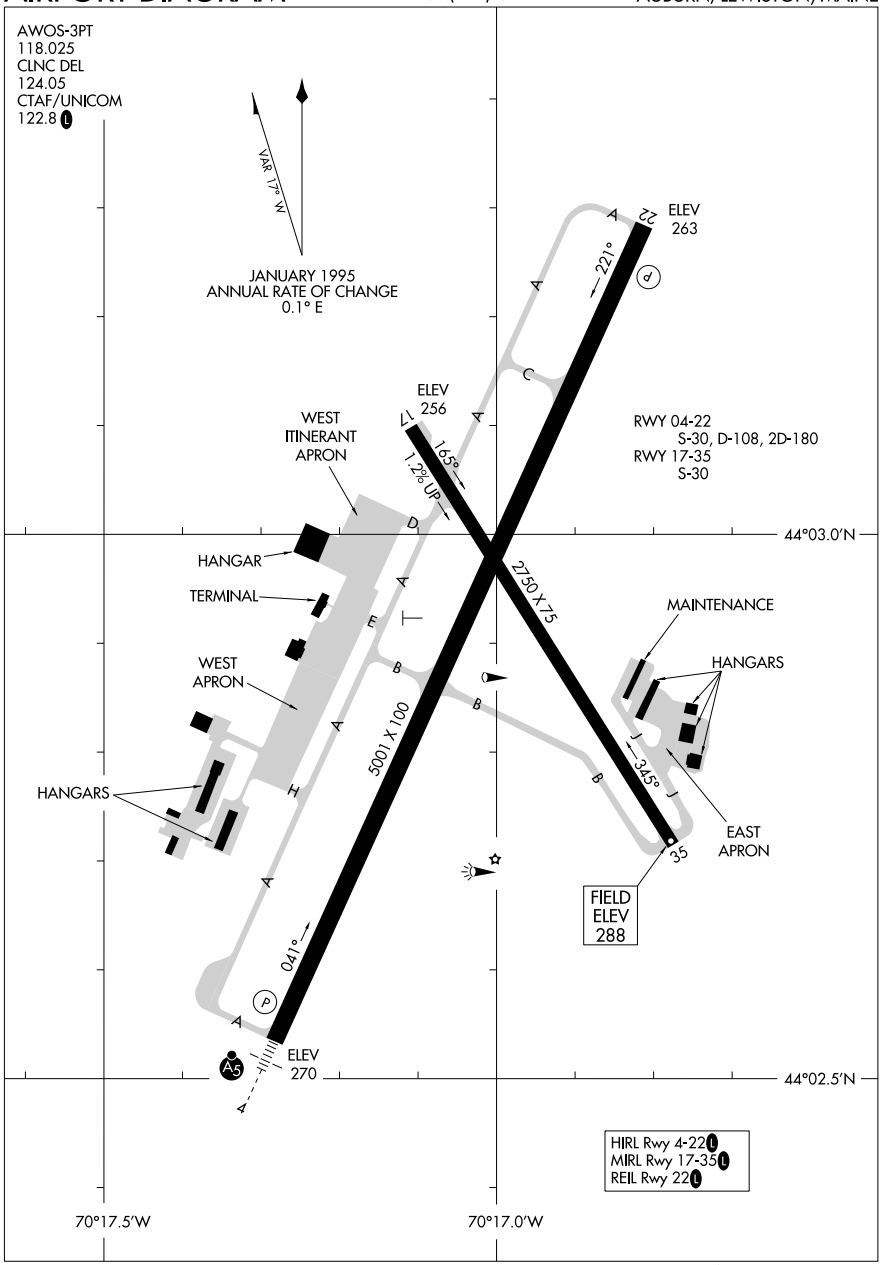

26134
AIRPORT DIAGRAM
AL-669 (FAA)
ATLANTIC CITY INTL (ACY)
ATLANTIC CITY, NEW JERSEY
39°28'N
39°27'N
74°34'W
74°35'W
JANUARY 1965
ANNUAL RATE OF CHANGE
0.1° W
VAR 10° W
H1
ELEV 63
308°
BAK-14/12B
EAST CABLE
ANG
ARM/DEARM
PAD
US
COAST GUARD
FAA
HANGAR
GENERAL
AVIATION
RAMP
TERMINAL
FBO
ELEV 67
22
218°
HAZARDOUS
CARGO AREA
10001 X 150
LAHSO
LAHSO
LAHSO
HS 1
DE-ICE
PAD
ANG
FIRE
STATION
ANG AM/OPS
6145 X 150
038°
ELEV 61
ANG
RESTRICTED
AREA
FIRE
STATION
TWR
BAK-14/12B
WEST CABLE
FIELD
ELEV
75
128°
13
ANG
RESTRICTED
AREA
ANG
ARM/DEARM
PAD
ATIS
125.725 316.15
ATLANTIC CITY TOWER
120.3 239.0
GND CON
121.9 284.6
CLNC DEL
127.85 353.775
D
RWY 04-22
PCR 480 R/B/W/T
S-120, D-161, 2D-278, 2D/2D2-682
RWY 13-31
PCR 601 F/A/X/T
S-120, D-250, 2D-550, 2D/2D2-1120
CAUTION: BE ALERT TO RUNWAY
CROSSING CLEARANCES.
READBACK OF ALL RUNWAY
HOLDING INSTRUCTIONS IS REQUIRED.
AIRPORT DIAGRAM
26134
ATLANTIC CITY, NEW JERSEY
ATLANTIC CITY INTL (ACY)

26134

AIRPORT DIAGRAM

AL-750 (FAA)

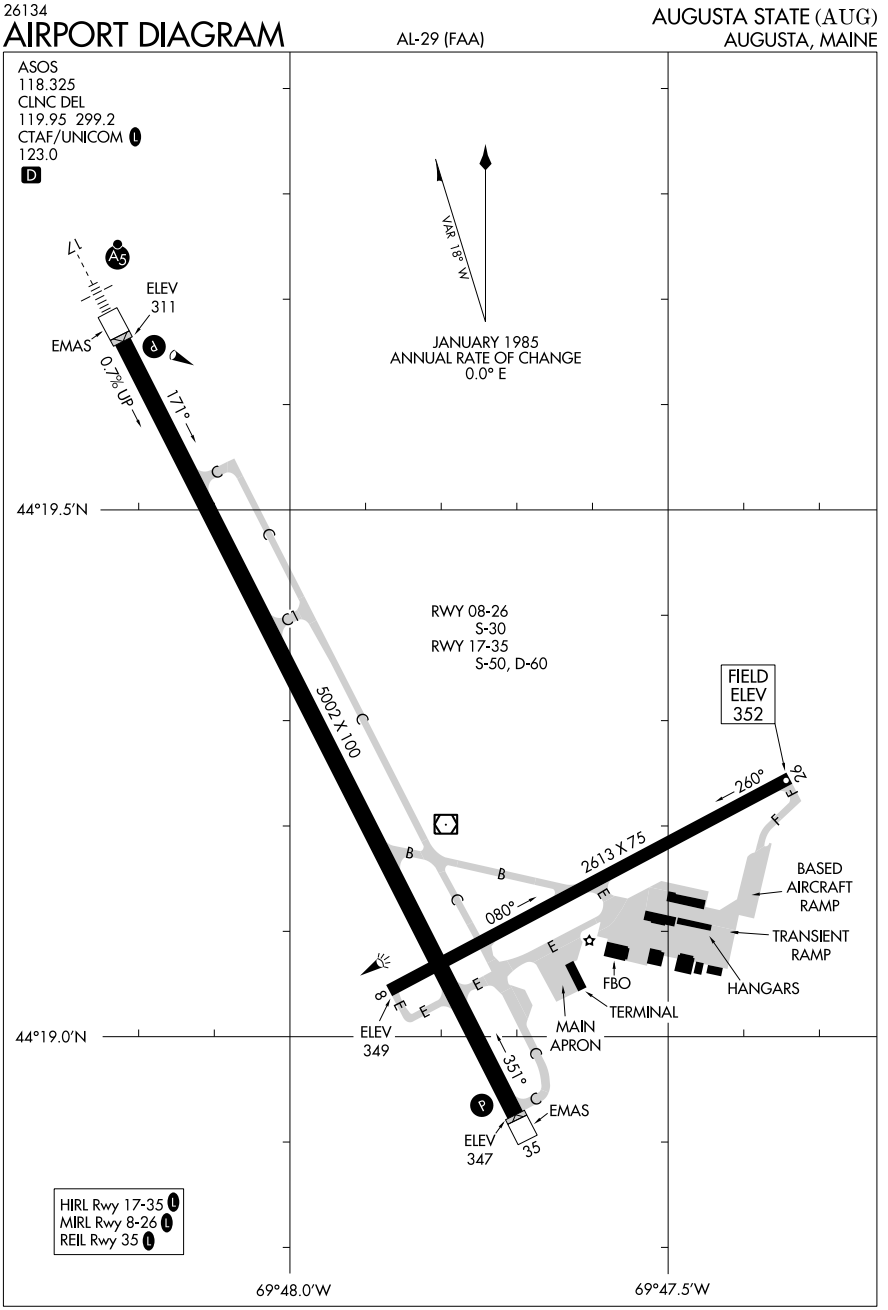
AUBURN/LEWISTON MUNI (LEW)
AUBURN/LEWISTON, MAINE



AIRPORT DIAGRAM

26134

AUBURN/LEWISTON, MAINE
AUBURN/LEWISTON MUNI (LEW)


26134
AIRPORT DIAGRAM
AL-29 (FAA)
AUGUSTA STATE (AUG)
AUGUSTA, MAINE
ASOS
118.325
CLNC DEL
119.95 299.2
CTAF/UNICOM L
123.0
D
VAR 18° W
JANUARY 1985
ANNUAL RATE OF CHANGE
0.0° E
ELEV
311
EMAS
0.7% UP
171°
RWY 08-26
S-30
RWY 17-35
S-50, D-60
5002 X 100
FIELD
ELEV
352
260°
2613 X 75
080°
BASED
AIRCRAFT
RAMP
TRANSIENT
RAMP
HANGARS
FBO
TERMINAL
MAIN
APRON
ELEV
349
351°
EMAS
ELEV
347
35
44°19.5'N
44°19.0'N
69°48.0'W
69°47.5'W
HIRL Rwy 17-35 L
MIRL Rwy 8-26 L
REIL Rwy 35 L
AIRPORT DIAGRAM
26134
AUGUSTA, MAINE
AUGUSTA STATE (AUG)

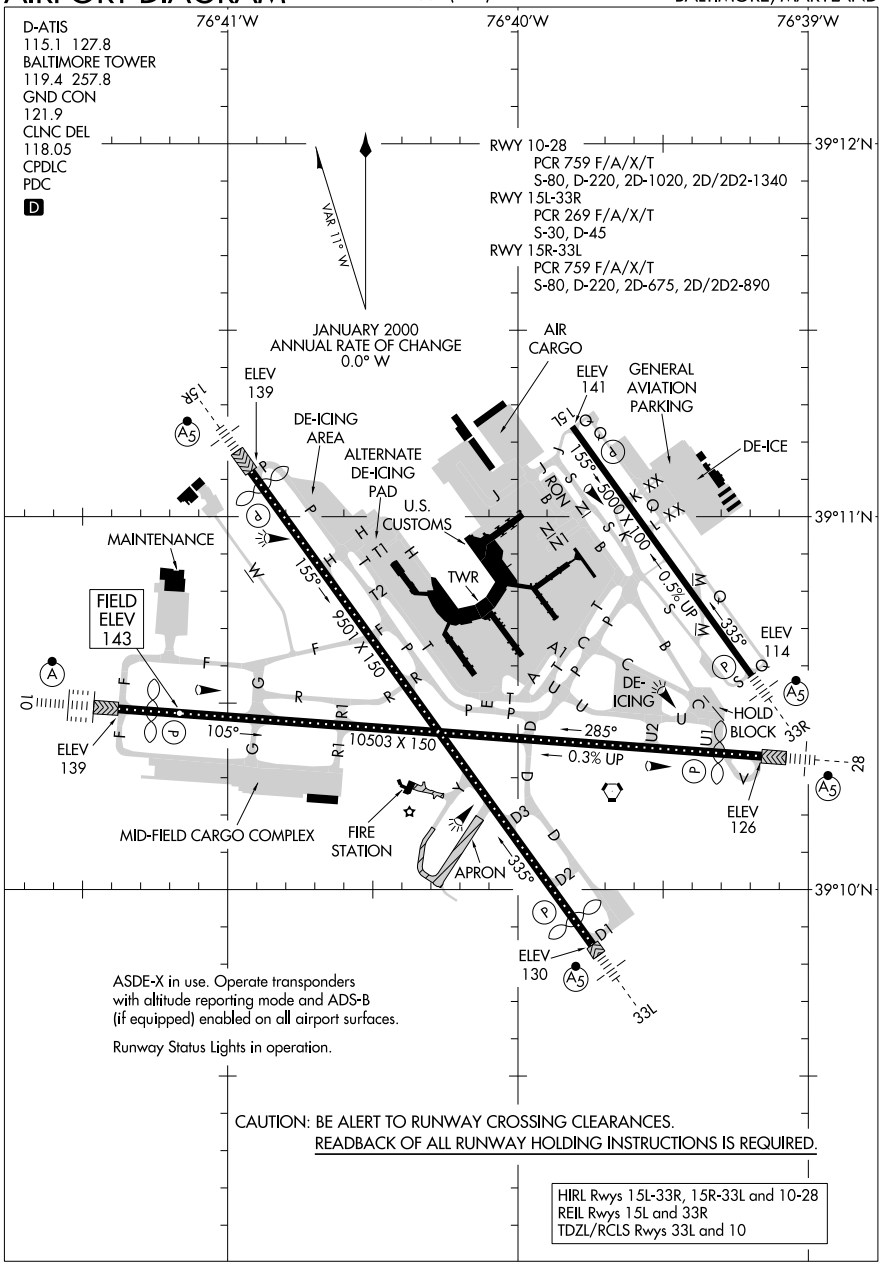
26134

AIRPORT DIAGRAM

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)

AL-804 (FAA)

BALTIMORE, MARYLAND



AIRPORT DIAGRAM

BALTIMORE, MARYLAND

26134

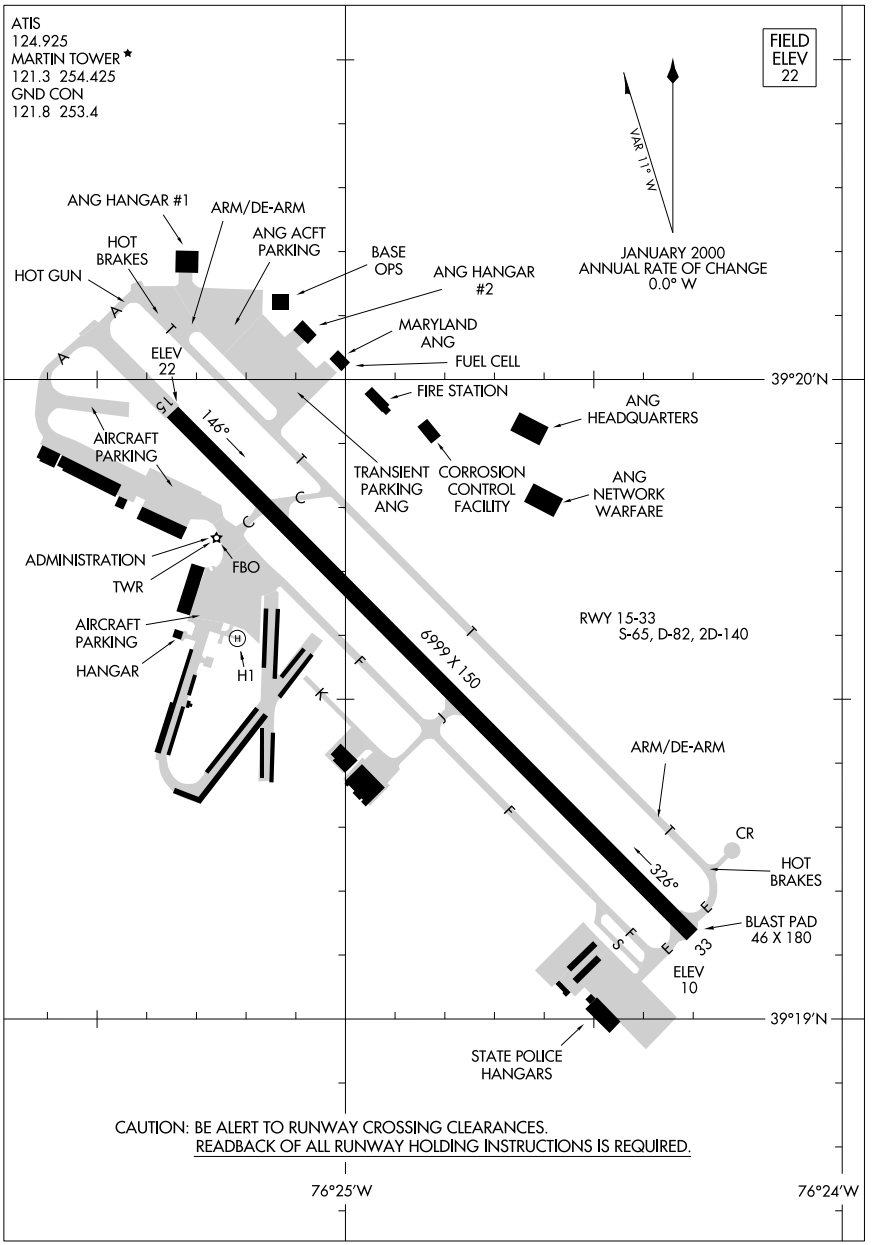
BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)

26190

AIRPORT DIAGRAM

AL-5222 (FAA)

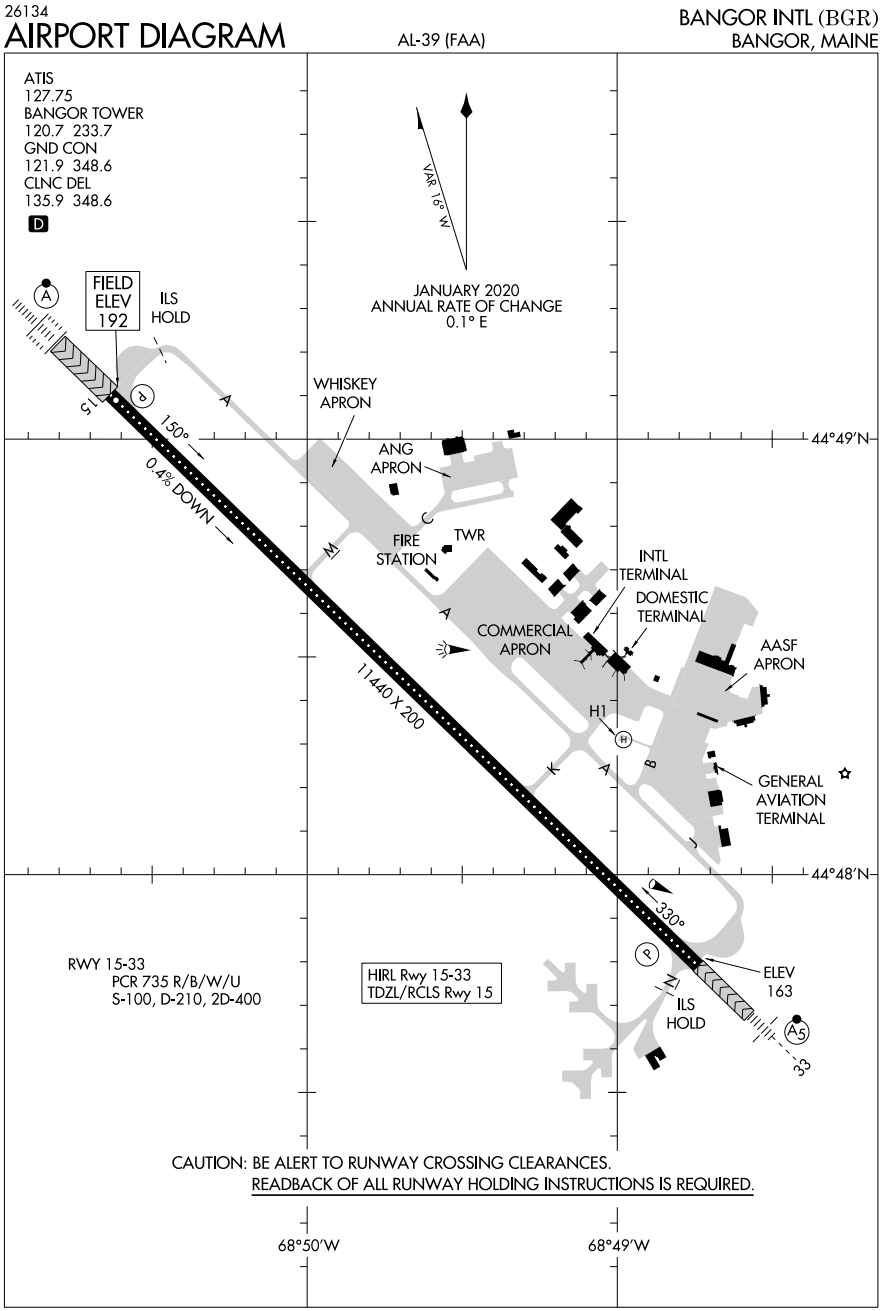
MARTIN STATE (MTN)
BALTIMORE, MARYLAND



AIRPORT DIAGRAM

26190

BALTIMORE, MARYLAND
MARTIN STATE (MTN)

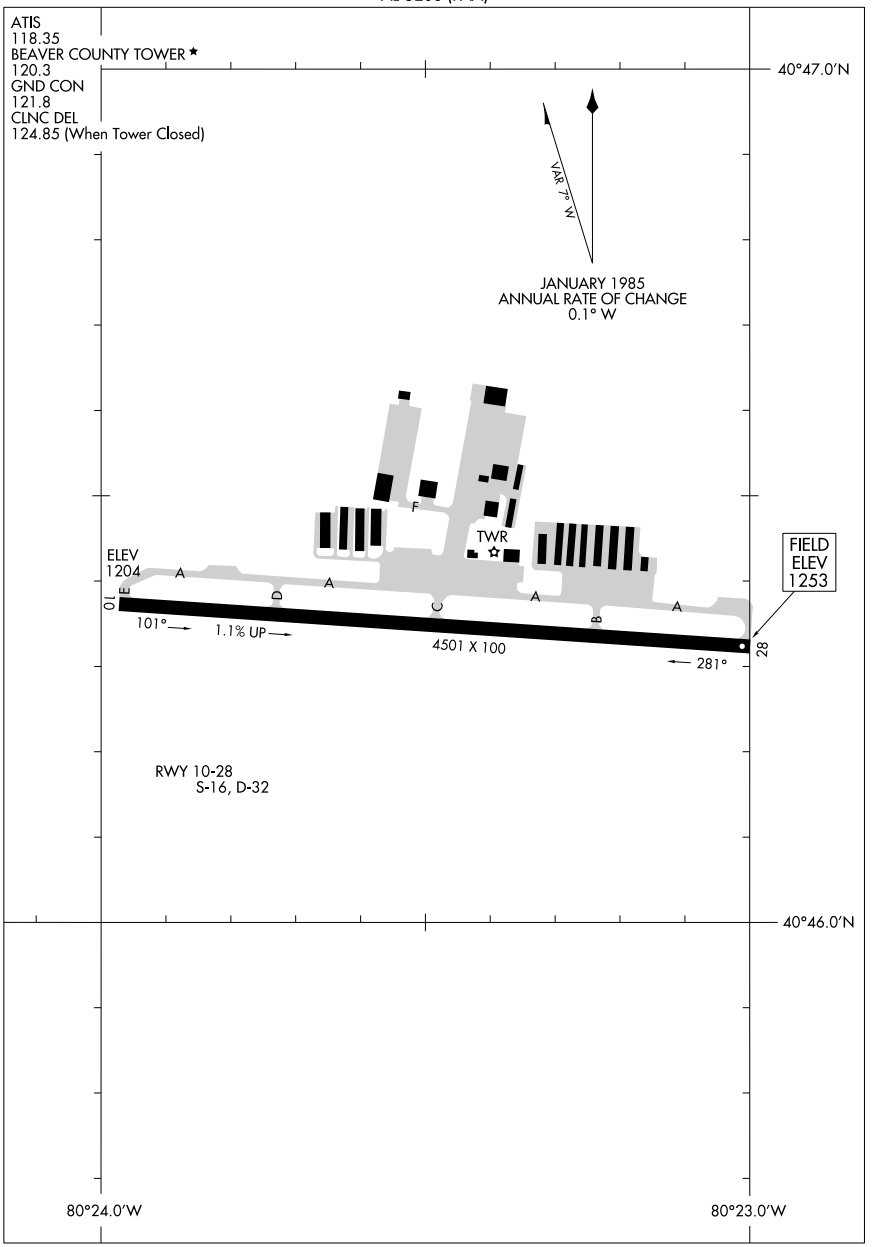

26134
AIRPORT DIAGRAM
AL-39 (FAA)
BANGOR INTL (BGR)
BANGOR, MAINE
ATIS
127.75
BANGOR TOWER
120.7 233.7
GND CON
121.9 348.6
CLNC DEL
135.9 348.6
D
VAR 16° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E
FIELD ELEV 192
ILS HOLD
WHISKEY APRON
ANG APRON
FIRE STATION
TWR
INTL TERMINAL
DOMESTIC TERMINAL
COMMERCIAL APRON
AASF APRON
GENERAL AVIATION TERMINAL
H1
150°
0.4% DOWN
11440 X 200
330°
44°49'N
44°48'N
RWY 15-33
PCR 735 R/B/W/U
S-100, D-210, 2D-400
HIRL Rwy 15-33
TDZL/RCLS Rwy 15
ELEV 163
ILS HOLD
33
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
68°50'W
68°49'W
AIRPORT DIAGRAM
26134
BANGOR, MAINE
BANGOR INTL (BGR)

26134

AIRPORT DIAGRAM

AL-5206 (FAA)

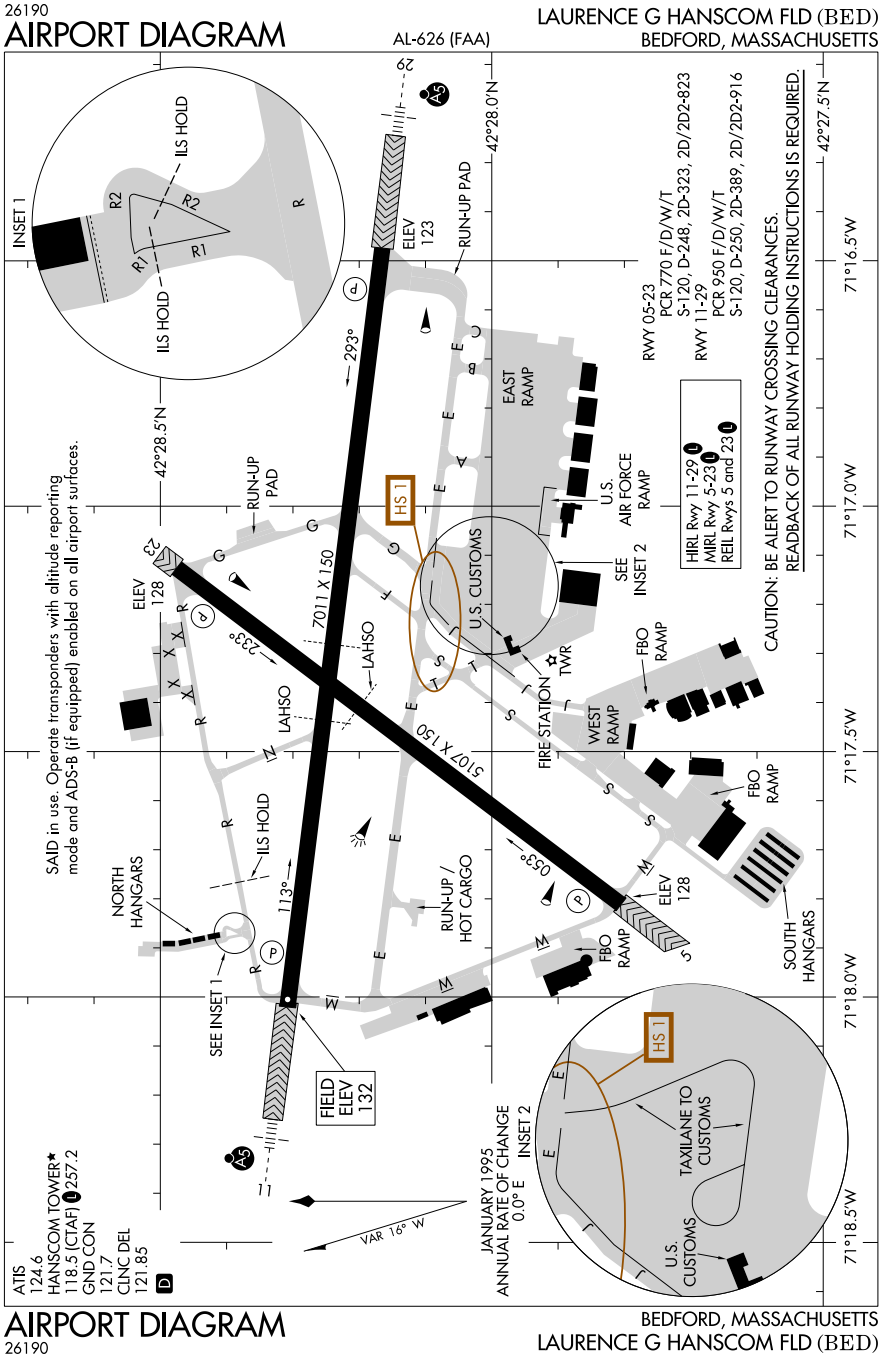
BEAVER COUNTY (BVI)
BEAVER FALLS, PENNSYLVANIA



AIRPORT DIAGRAM

26134

BEAVER FALLS, PENNSYLVANIA
BEAVER COUNTY (BVI)

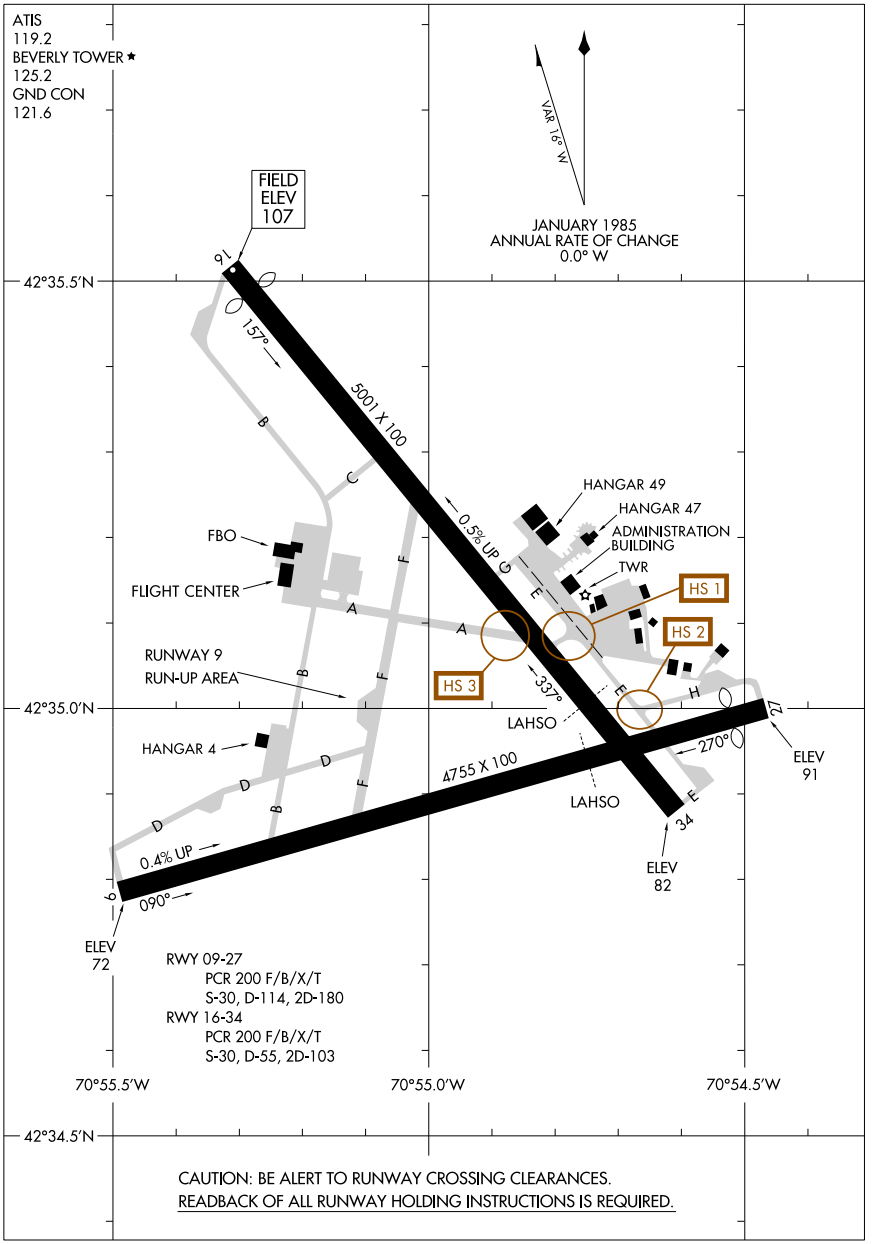

26190
AIRPORT DIAGRAM
AL-626 (FAA)
LAURENCE G HANSCOM FLD (BED)
BEDFORD, MASSACHUSETTS
INSET 1
ILS HOLD
R2
R1
ILS HOLD
42°28.5'N
42°28.0'N
42°27.5'N
71°16.5'W
71°17.0'W
71°17.5'W
71°18.0'W
71°18.5'W
ELEV 123
RUN-UP PAD
29
23
ELEV 128
RUN-UP PAD
293°
233°
7011 X 150
LAHSO
HS 1
EAST RAMP
U.S. AIR FORCE RAMP
SEE INSET 2
U.S. CUSTOMS
TWR
FIRE STATION
WEST RAMP
FBO RAMP
5107 X 150
053°
ELEV 128
FBO RAMP
SOUTH HANGARS
NORTH HANGARS
ILS HOLD
113°
SEE INSET 1
RUN-UP / HOT CARGO
FIELD ELEV 132
11
VAR 16° W
JANUARY 1995
ANNUAL RATE OF CHANGE
0.0° E
INSET 2
HS 1
TAXILANE TO CUSTOMS
U.S. CUSTOMS
RWY 05-23
PCR 770 F/D/W/T
S-120, D-248, 2D-323, 2D/2D2-823
RWY 11-29
PCR 950 F/D/W/T
S-120, D-250, 2D-389, 2D/2D2-916
HIRL Rwy 11-29
MIRL Rwy 5-23
REIL Rwys 5 and 23
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
SAID in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
ATIS
124.6
HANSCOM TOWER
118.5 (CTAF)
257.2
GND CON
121.7
CLNC DEL
121.85
AIRPORT DIAGRAM
26190
BEDFORD, MASSACHUSETTS
LAURENCE G HANSCOM FLD (BED)

26190

AIRPORT DIAGRAM

AL-5039 (FAA)

BEVERLY RGNL (BVY)
BEVERLY, MASSACHUSETTS

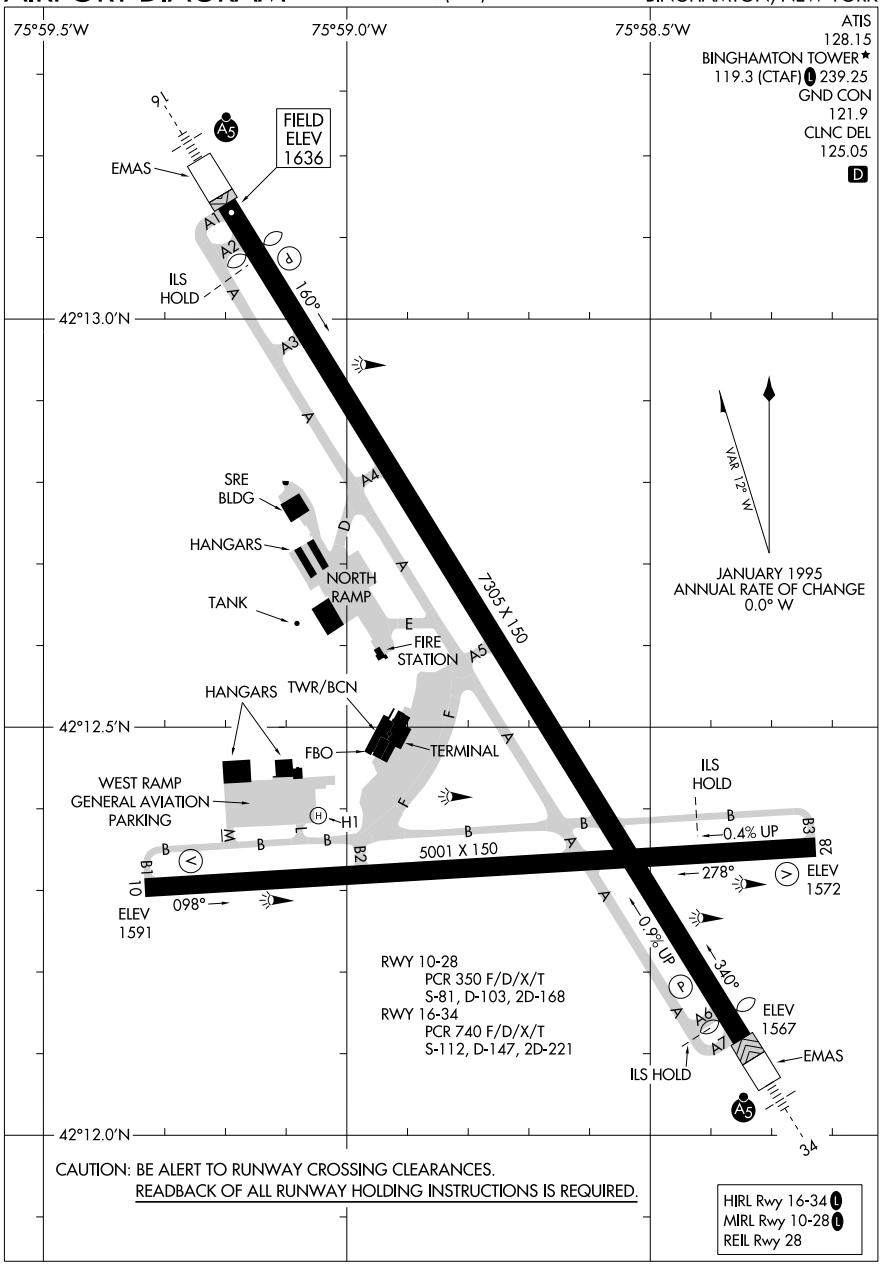


AIRPORT DIAGRAM
26190
BEVERLY, MASSACHUSETTS
BEVERLY RGNL (BVY)

26134

AIRPORT DIAGRAM

GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)
AL-20 (FAA)
BINGHAMTON, NEW YORK

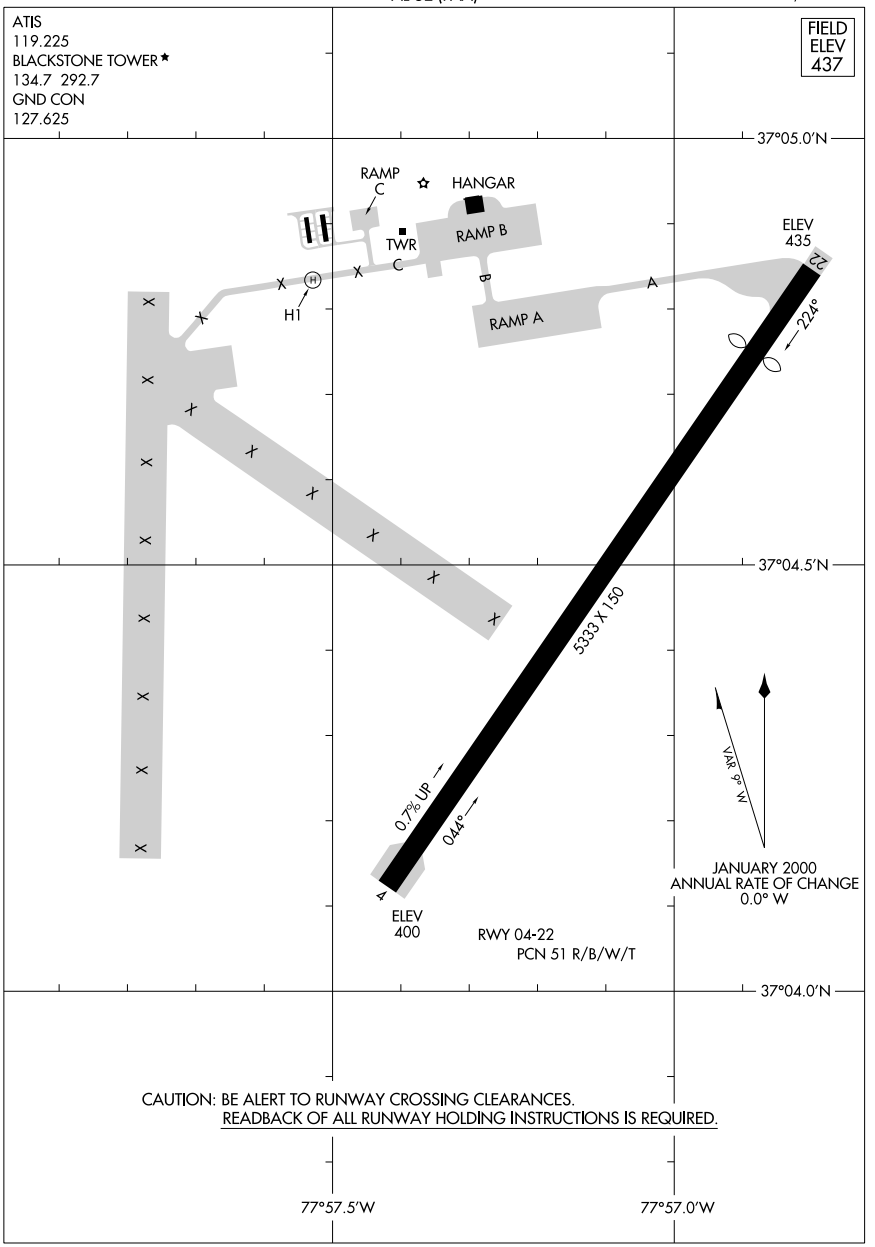


AIRPORT DIAGRAM
26134
BINGHAMTON, NEW YORK
GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)

26134

AIRPORT DIAGRAM

ALLAN C PERKINSON/BLACKSTONE AAF (BKT)
AL-52 (FAA)
BLACKSTONE, VIRGINIA



AIRPORT DIAGRAM

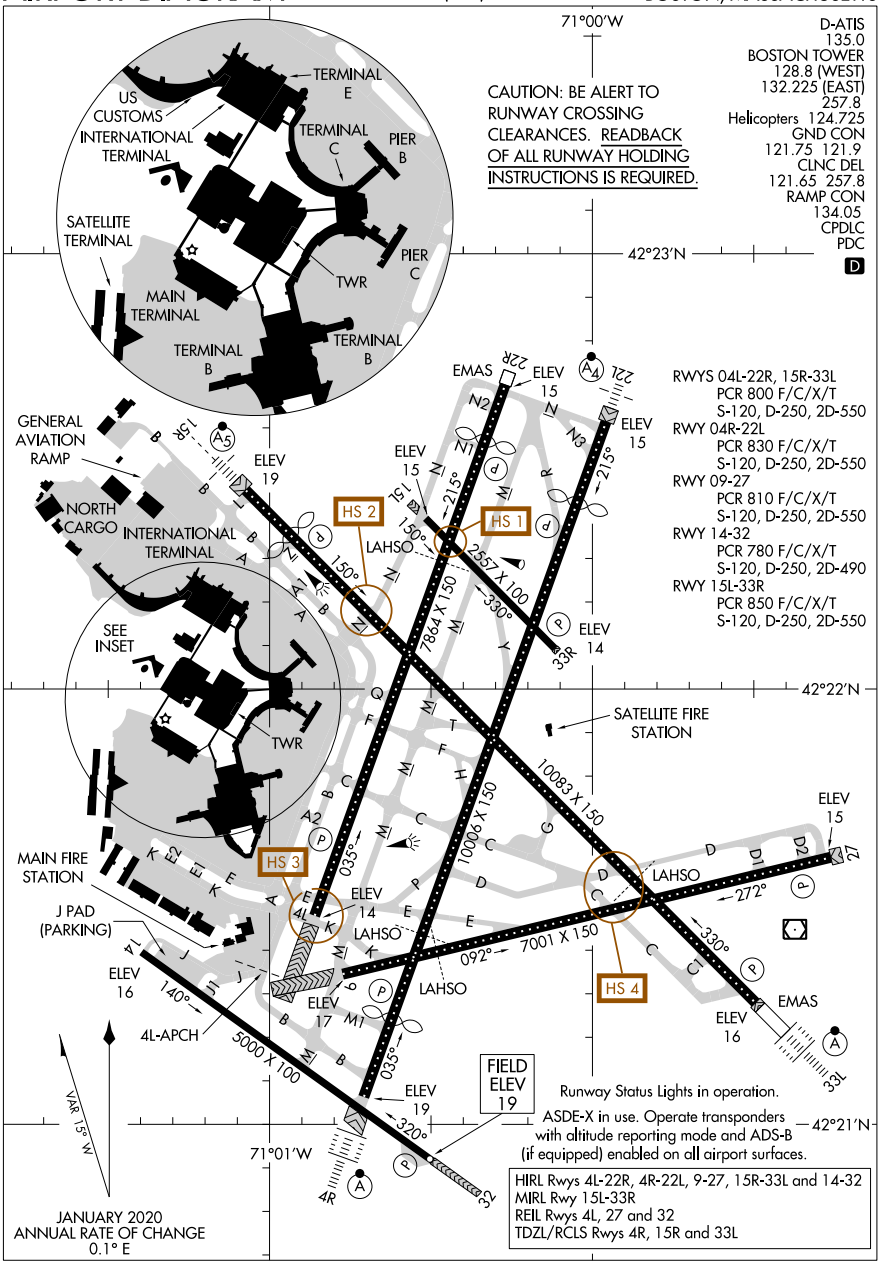
BLACKSTONE, VIRGINIA
ALLAN C PERKINSON/BLACKSTONE AAF (BKT)

26134

26134

AIRPORT DIAGRAM

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
AL-58 (FAA)
BOSTON, MASSACHUSETTS



AIRPORT DIAGRAM

26134

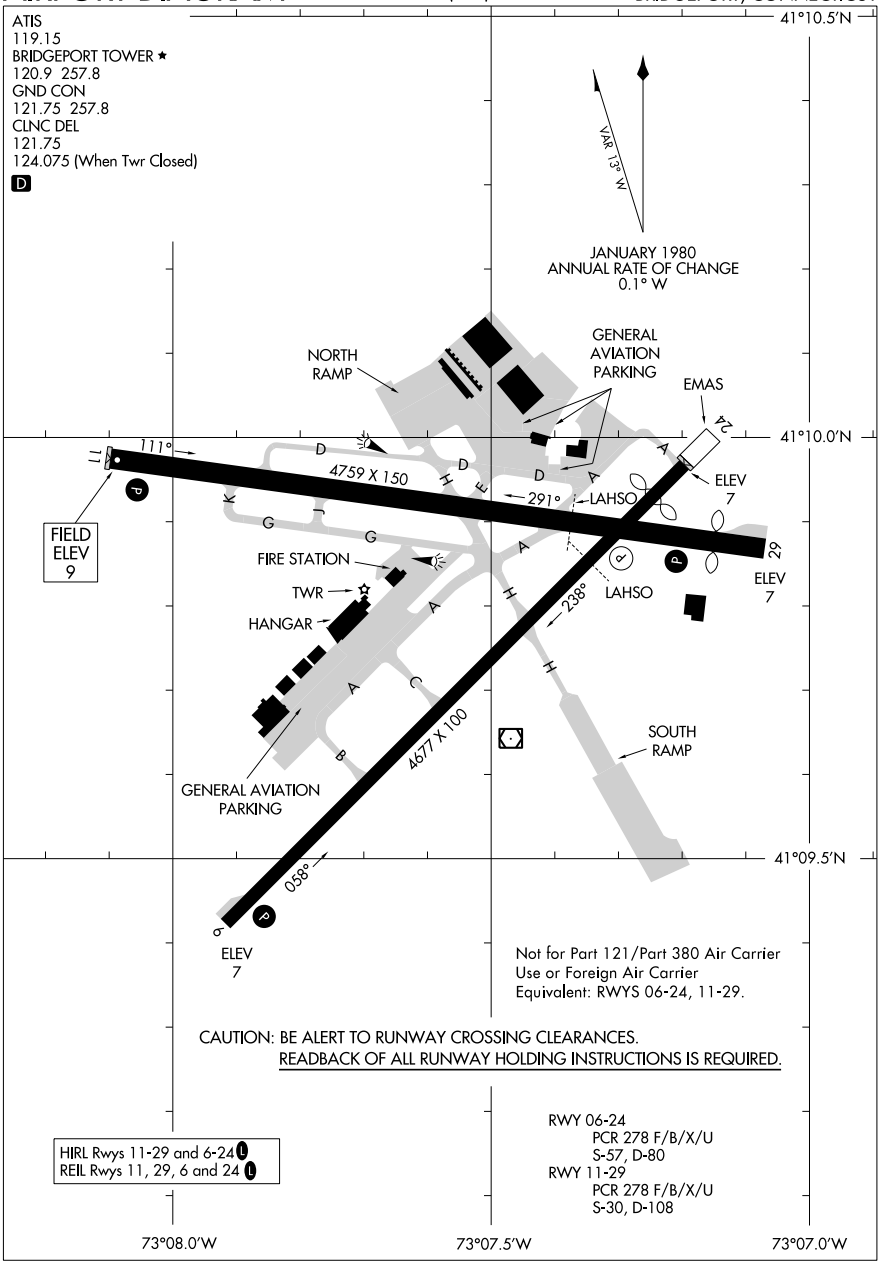
BOSTON, MASSACHUSETTS
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

26134

AIRPORT DIAGRAM

AL-621 (FAA)

BRIDGEPORT/SIKORSKY (BDR)
BRIDGEPORT, CONNECTICUT



AIRPORT DIAGRAM
26134

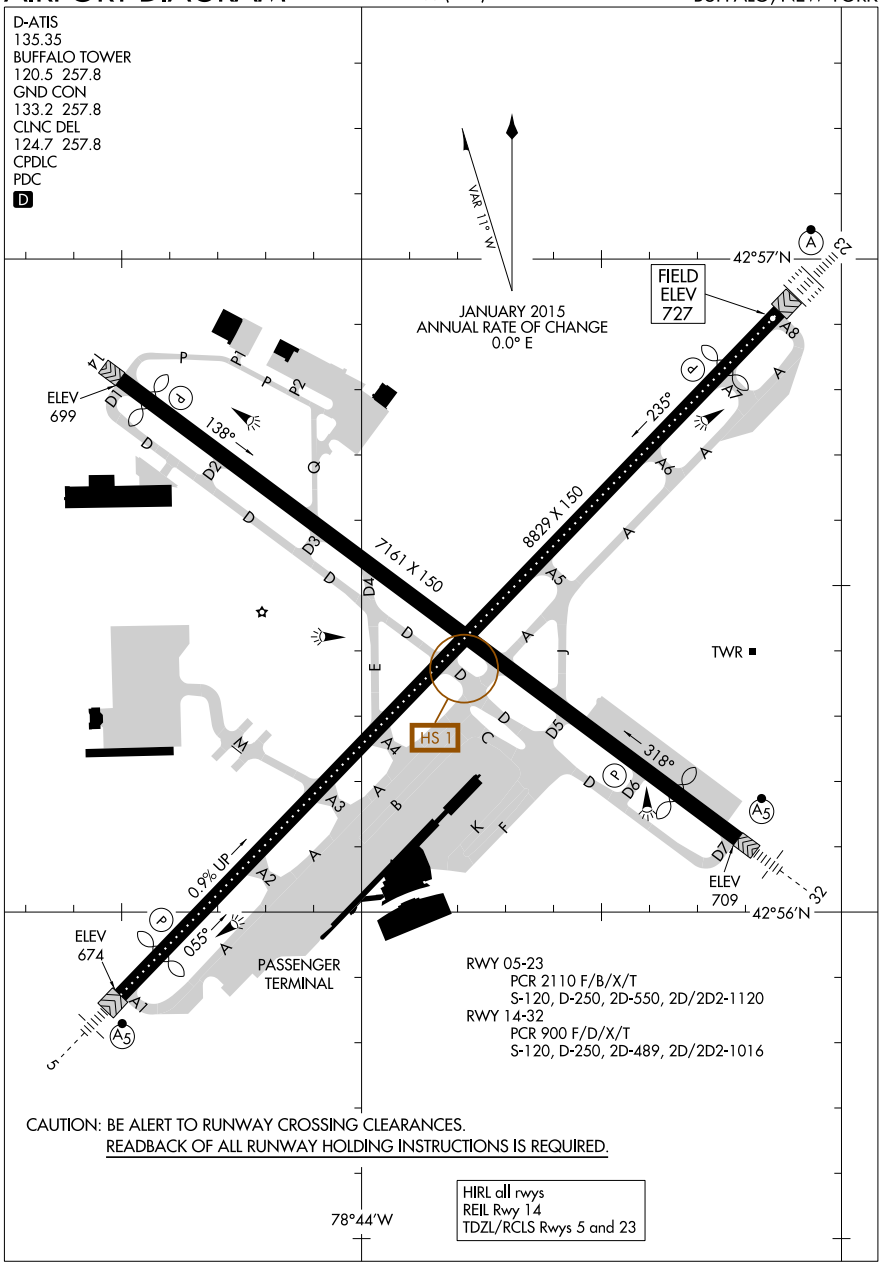
BRIDGEPORT, CONNECTICUT
BRIDGEPORT/SIKORSKY (BDR)

26134

AIRPORT DIAGRAM

AL-65 (FAA)

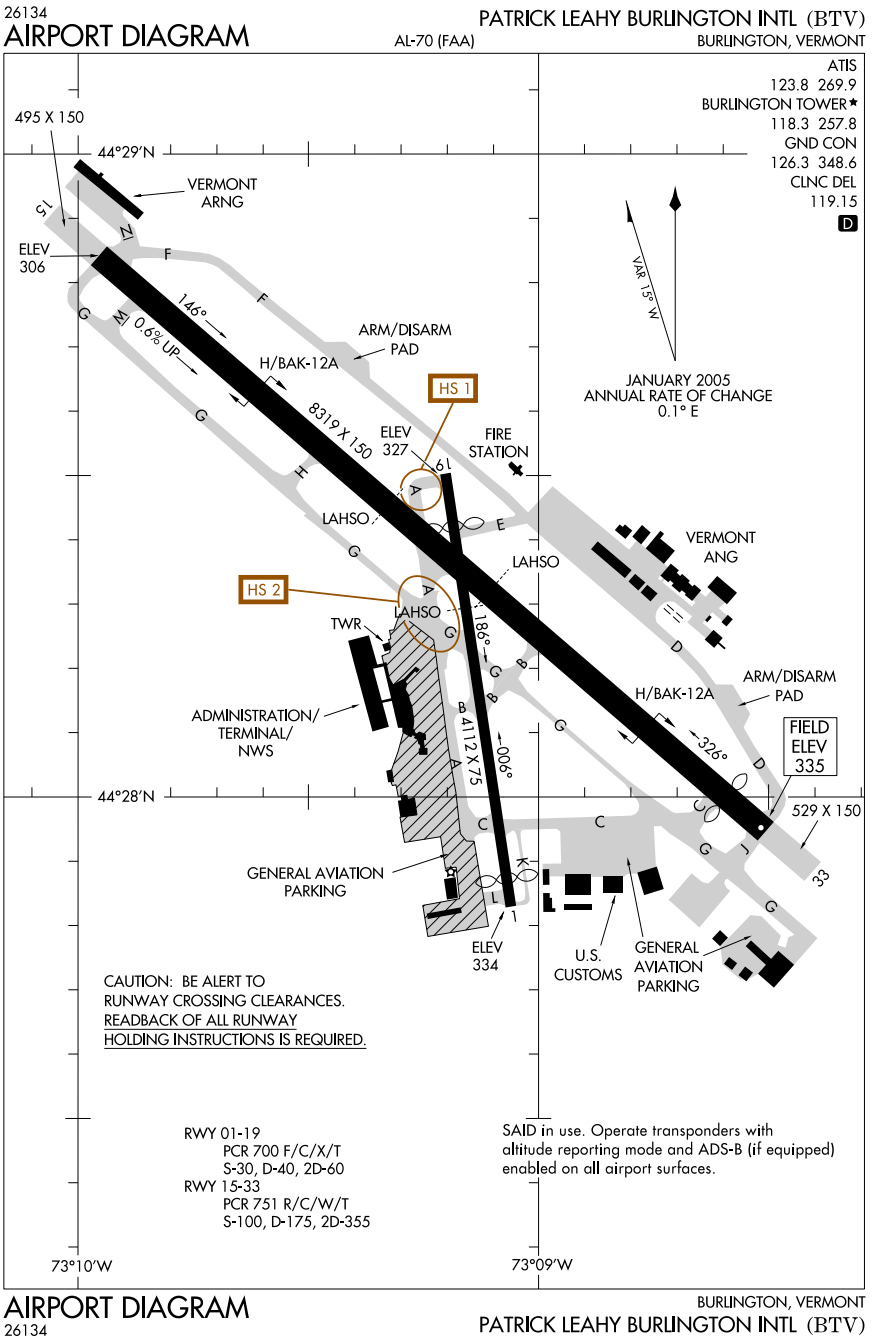
BUFFALO NIAGARA INTL (BUF)
BUFFALO, NEW YORK



AIRPORT DIAGRAM

26134

BUFFALO, NEW YORK
BUFFALO NIAGARA INTL (BUF)

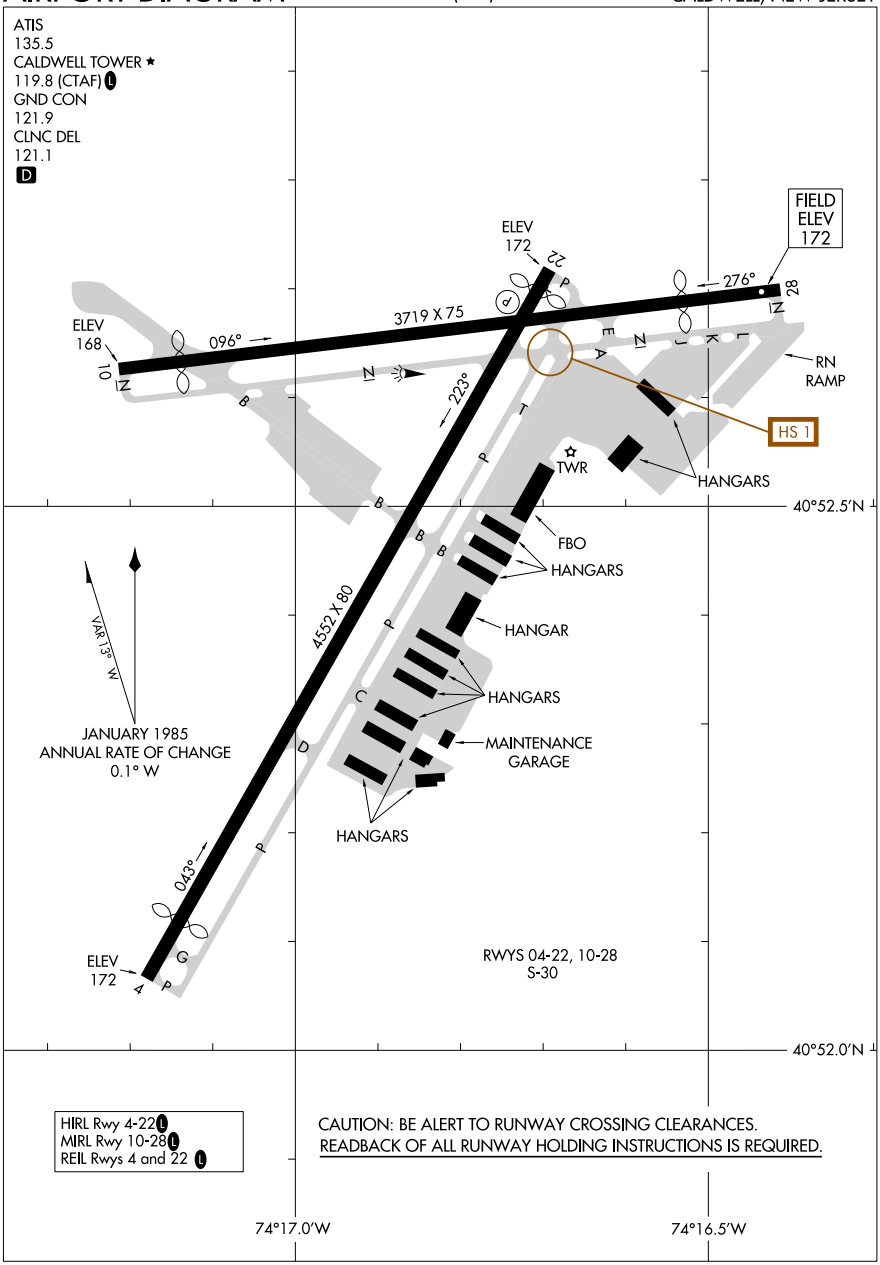

26134
AIRPORT DIAGRAM
PATRICK LEAHY BURLINGTON INTL (BTV)
AL-70 (FAA)
BURLINGTON, VERMONT
ATIS
123.8 269.9
BURLINGTON TOWER
118.3 257.8
GND CON
126.3 348.6
CLNC DEL
119.15
D
495 X 150
44°29'N
VERMONT ARNG
ELEV 306
146°
0.6% UP
ARM/DISARM PAD
H/BAK-12A
8319 X 150
HS 1
ELEV 327
FIRE STATION
LAHSO
VERMONT ANG
HS 2
TWR
186°
ADMINISTRATION/ TERMINAL/ NWS
B 4112 X 75
006°
326°
ARM/DISARM PAD
H/BAK-12A
FIELD ELEV 335
44°28'N
529 X 150
GENERAL AVIATION PARKING
ELEV 334
U.S. CUSTOMS
GENERAL AVIATION PARKING
VAR 15° W
JANUARY 2005
ANNUAL RATE OF CHANGE
0.1° E
CAUTION: BE ALERT TO
RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY
HOLDING INSTRUCTIONS IS REQUIRED.
RWY 01-19
PCR 700 F/C/X/T
S-30, D-40, 2D-60
RWY 15-33
PCR 751 R/C/W/T
S-100, D-175, 2D-355
SAID in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
73°10'W
73°09'W
AIRPORT DIAGRAM
26134
BURLINGTON, VERMONT
PATRICK LEAHY BURLINGTON INTL (BTV)

26190

AIRPORT DIAGRAM

AL-5275 (FAA)

ESSEX COUNTY (CDW)
CALDWELL, NEW JERSEY



AIRPORT DIAGRAM
26190

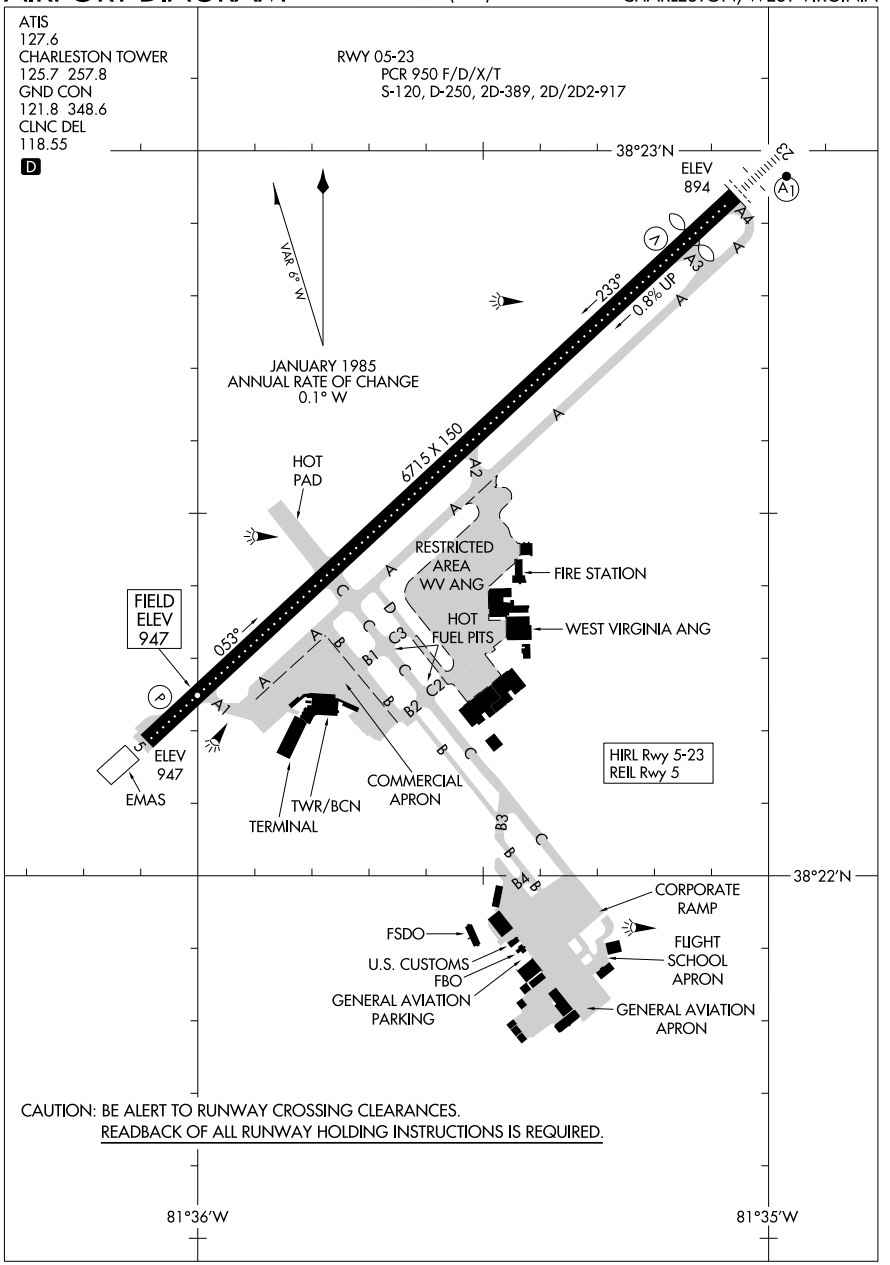
CALDWELL, NEW JERSEY
ESSEX COUNTY (CDW)

26134

AIRPORT DIAGRAM

AL-852 (FAA)

WEST VIRGINIA INTL YEAGER (CRW)
CHARLESTON, WEST VIRGINIA



AIRPORT DIAGRAM
26134

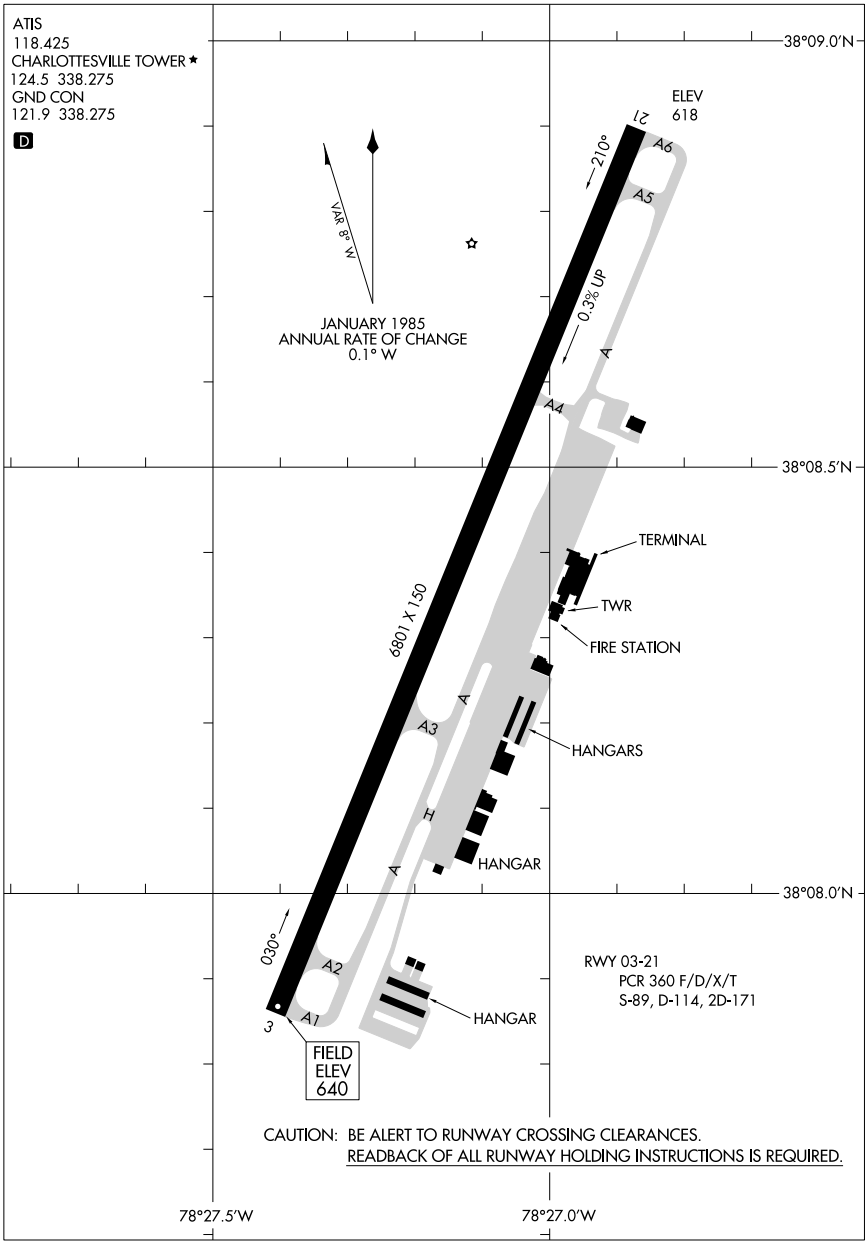
CHARLESTON, WEST VIRGINIA
WEST VIRGINIA INTL YEAGER (CRW)

26190

AIRPORT DIAGRAM

AL-765 (FAA)

CHARLOTTESVILLE-ALBEMARLE (CHO)
CHARLOTTESVILLE, VIRGINIA



AIRPORT DIAGRAM

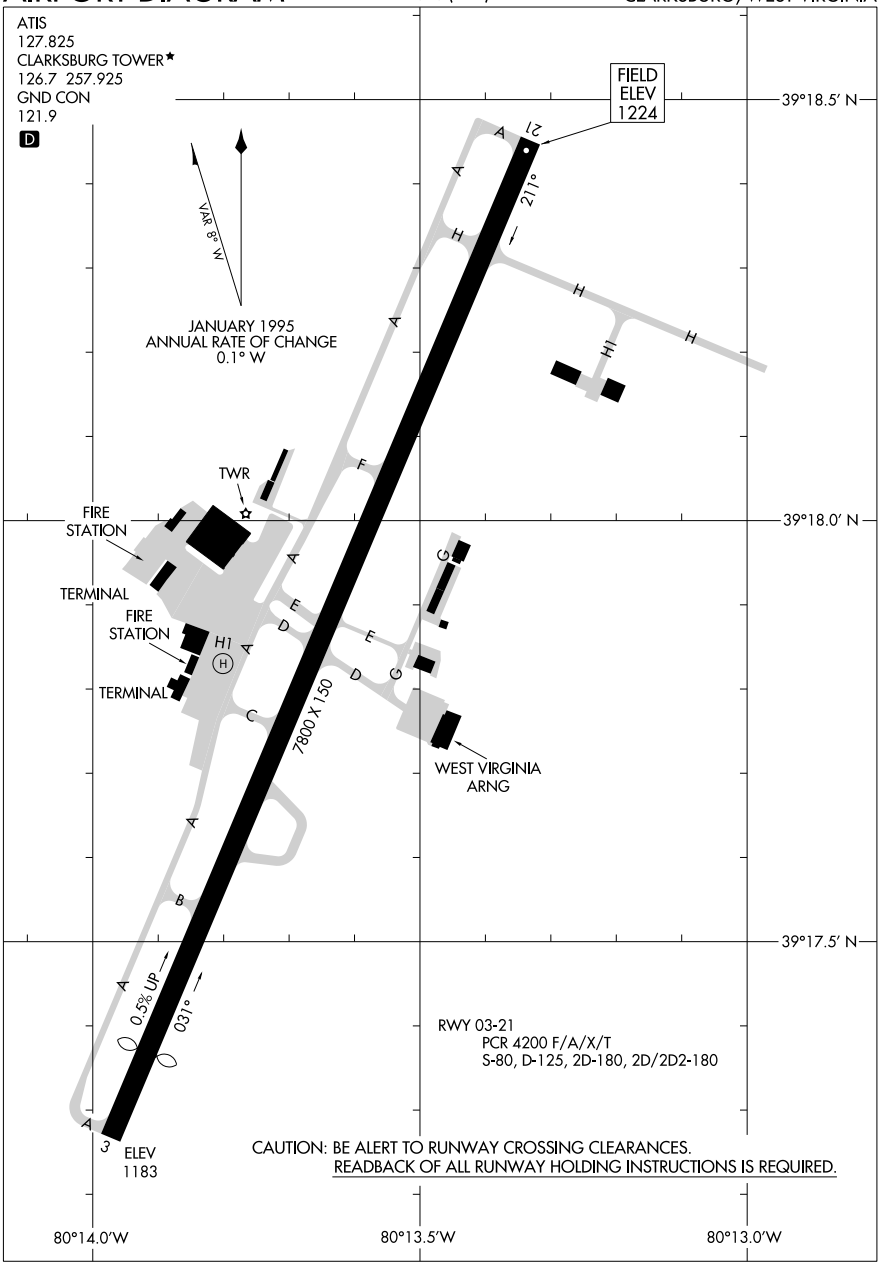
26190

CHARLOTTESVILLE, VIRGINIA
CHARLOTTESVILLE-ALBEMARLE (CHO)

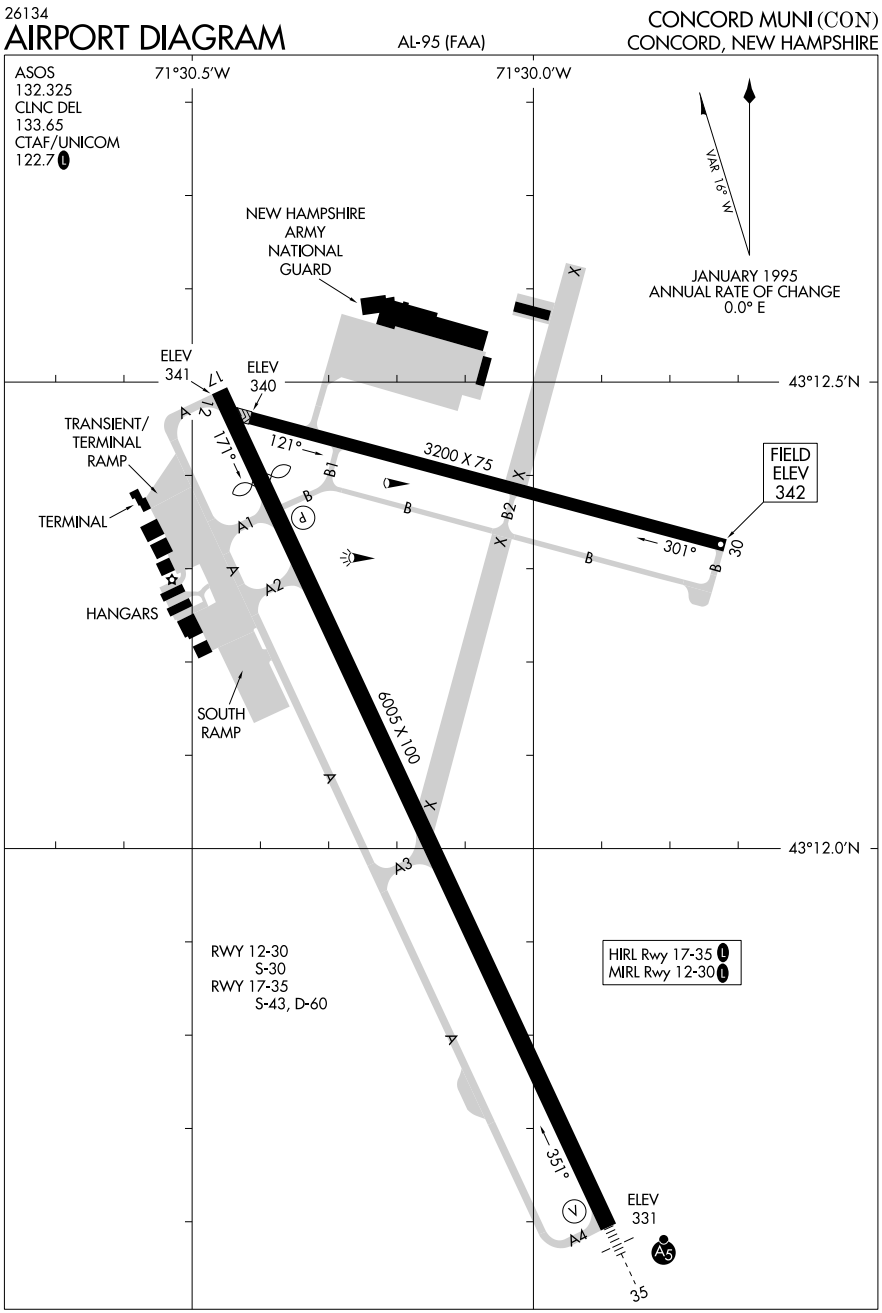
26134

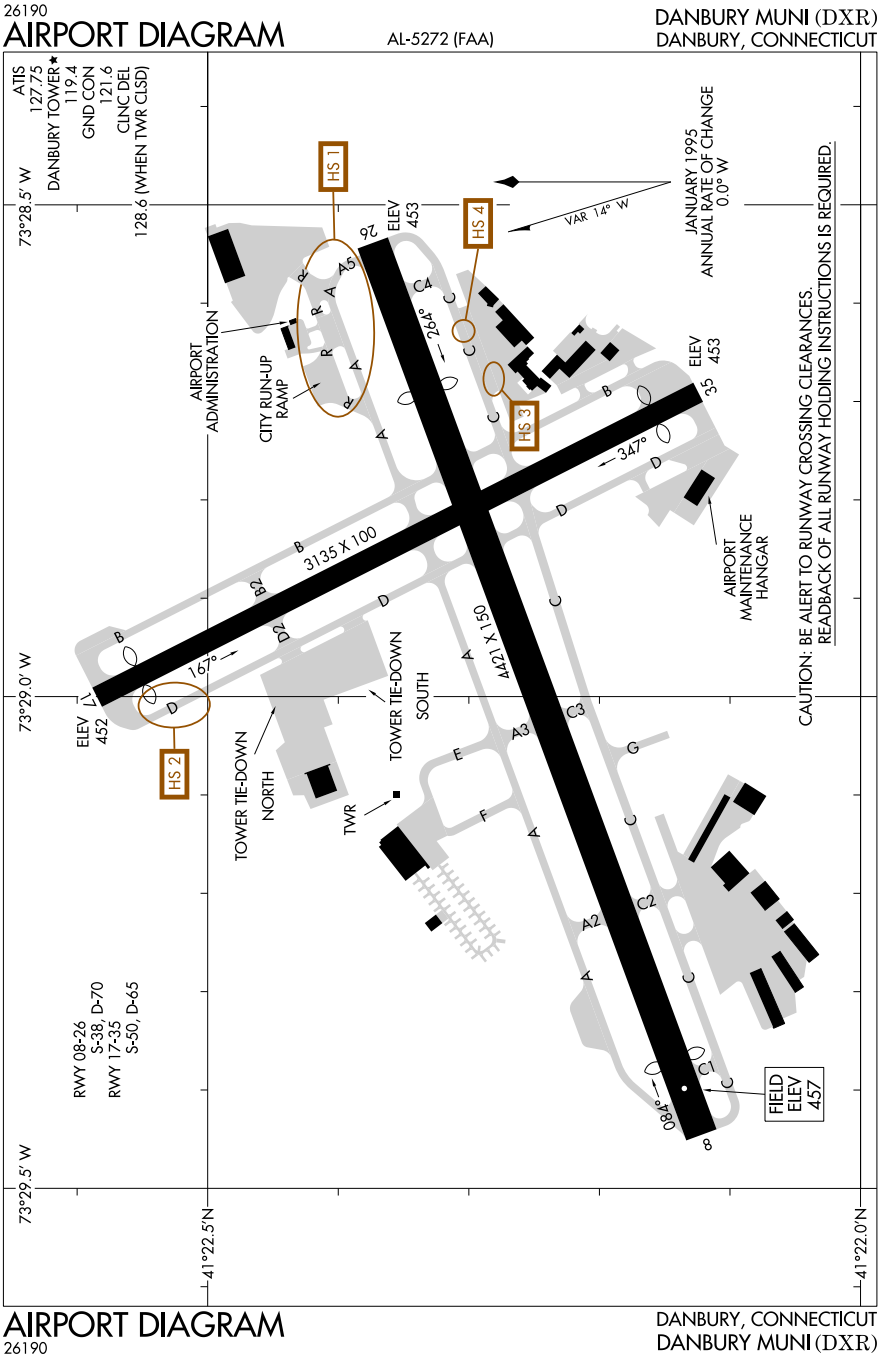
AIRPORT DIAGRAM

NORTH CENTRAL WEST VIRGINIA (CKB)
CLARKSBURG, WEST VIRGINIA
AL-616 (FAA)



AIRPORT DIAGRAM
26134
CLARKSBURG, WEST VIRGINIA
NORTH CENTRAL WEST VIRGINIA (CKB)


26134
AIRPORT DIAGRAM
AL-95 (FAA)
CONCORD MUNI (CON)
CONCORD, NEW HAMPSHIRE
ASOS
132.325
CLNC DEL
133.65
CTAF/UNICOM
122.7
71°30.5'W
71°30.0'W
VAR 16° W
JANUARY 1995
ANNUAL RATE OF CHANGE
0.0° E
NEW HAMPSHIRE
ARMY
NATIONAL
GUARD
ELEV
341
ELEV
340
43°12.5'N
TRANSIENT/
TERMINAL
RAMP
TERMINAL
HANGARS
SOUTH
RAMP
121°
171°
3200 X 75
301°
FIELD
ELEV
342
6005 X 100
351°
ELEV
331
43°12.0'N
RWY 12-30
S-30
RWY 17-35
S-43, D-60
HIRL Rwy 17-35
MIRL Rwy 12-30
35
AIRPORT DIAGRAM
26134
CONCORD, NEW HAMPSHIRE
CONCORD MUNI (CON)


26190
AIRPORT DIAGRAM
AL-5272 (FAA)
DANBURY MUNI (DXR)
DANBURY, CONNECTICUT
ATIS 127.75
DANBURY TOWER★ 119.4
GND CON 121.6
CLNC DEL 128.6 (WHEN TWR CLSD)
73°28.5' W
73°29.0' W
73°29.5' W
41°22.5'N
41°22.0'N
JANUARY 1995
ANNUAL RATE OF CHANGE
0.0° W
VAR 14° W
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
HS 1
HS 2
HS 3
HS 4
AIRPORT ADMINISTRATION
CITY RUN-UP RAMP
AIRPORT MAINTENANCE HANGAR
TOWER TIE-DOWN NORTH
TOWER TIE-DOWN SOUTH
TWR
ELEV 453
ELEV 452
ELEV 457
17
35
26
8
3135 X 100
4421 X 150
167°
264°
347°
084°
RWY 08-26 S-38, D-70
RWY 17-35 S-50, D-65
FIELD ELEV 457
AIRPORT DIAGRAM
26190
DANBURY, CONNECTICUT
DANBURY MUNI (DXR)

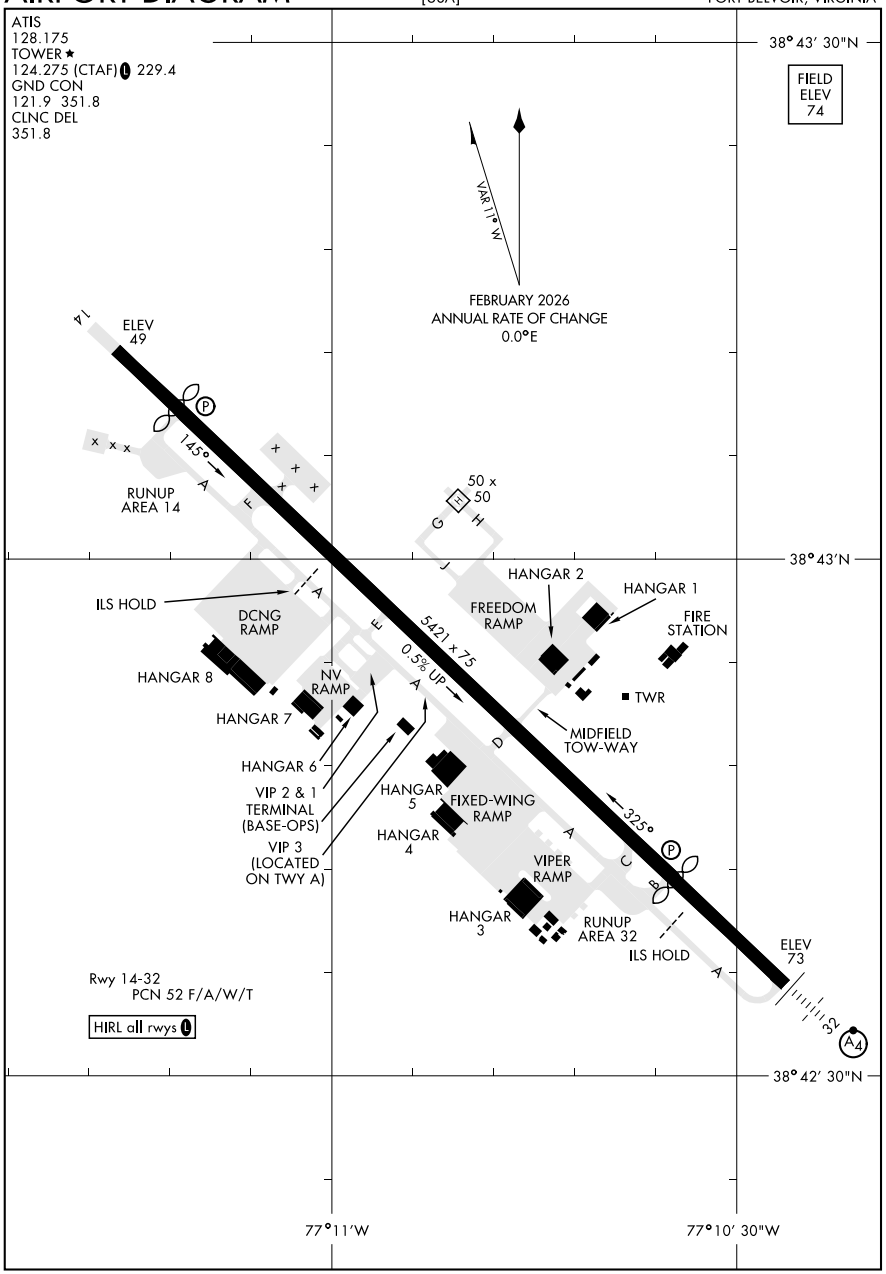
26106

AIRPORT DIAGRAM

DAVISON AAF (FORT BELVOIR) (KDAA)

[USA]

FORT BELVOIR, VIRGINIA



AIRPORT DIAGRAM

FORT BELVOIR, VIRGINIA

DAVISON AAF (FORT BELVOIR) (KDAA)

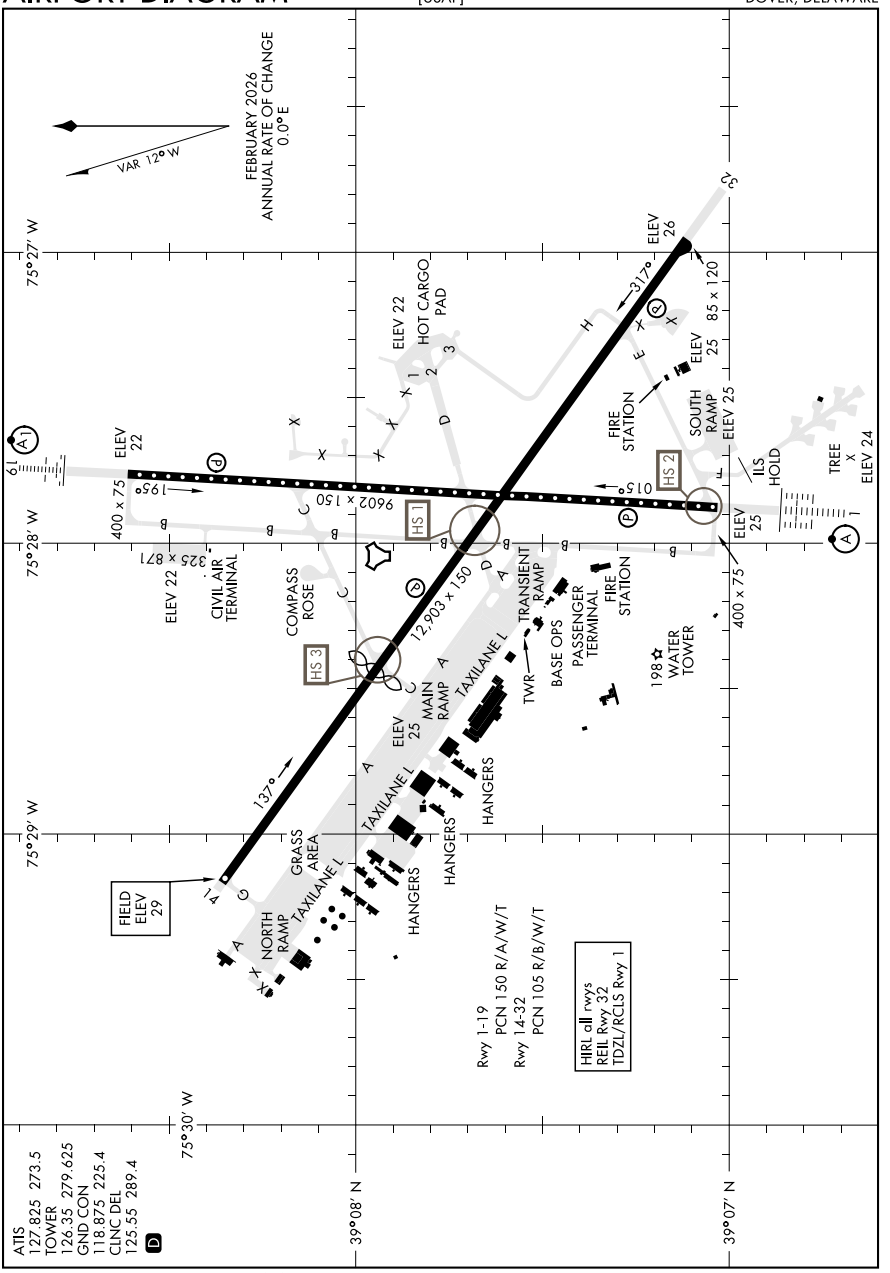
26134

AIRPORT DIAGRAM

DOVER AFB (KDOV)

[USAF]

DOVER, DELAWARE

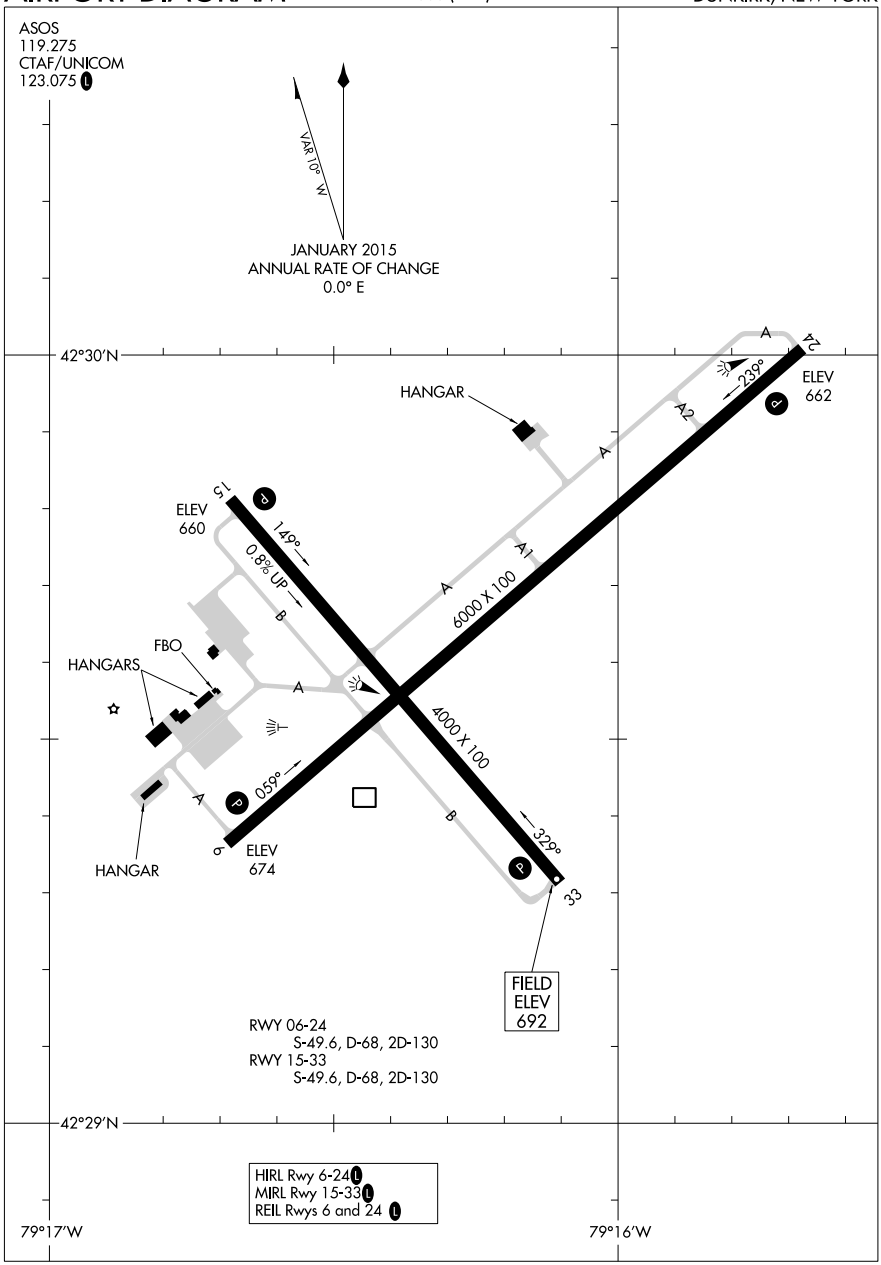


AIRPORT DIAGRAM

DOVER, DELAWARE

DOVER AFB (KDOV)

26190
AIRPORT DIAGRAM
CHAUTAUQUA COUNTY/DUNKIRK (DKK)
AL-880 (FAA)
DUNKIRK, NEW YORK



AIRPORT DIAGRAM
26190
DUNKIRK, NEW YORK
CHAUTAUQUA COUNTY/DUNKIRK (DKK)

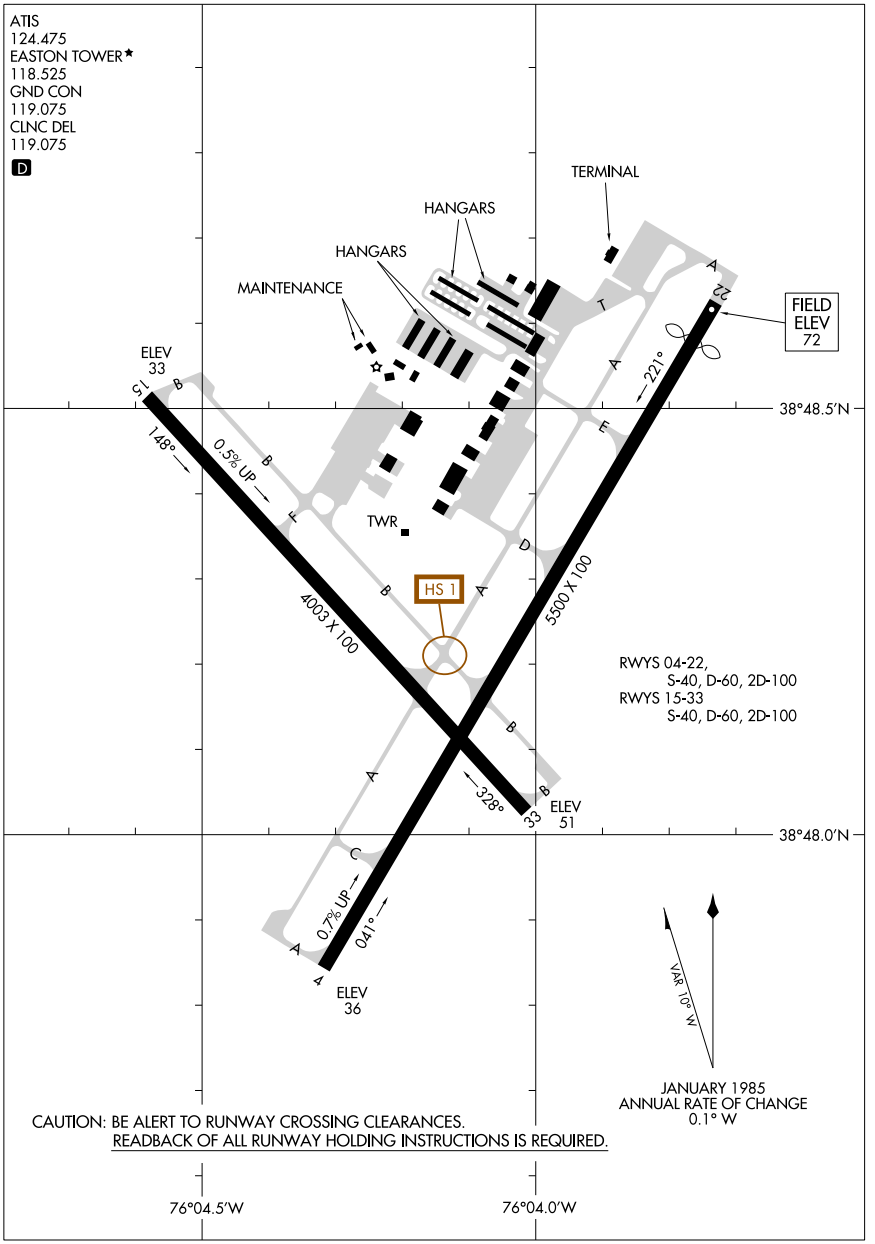
26134

AIRPORT DIAGRAM

AL-5596 (FAA)

EASTON/NEWNAM FLD (ESN)

EASTON, MARYLAND

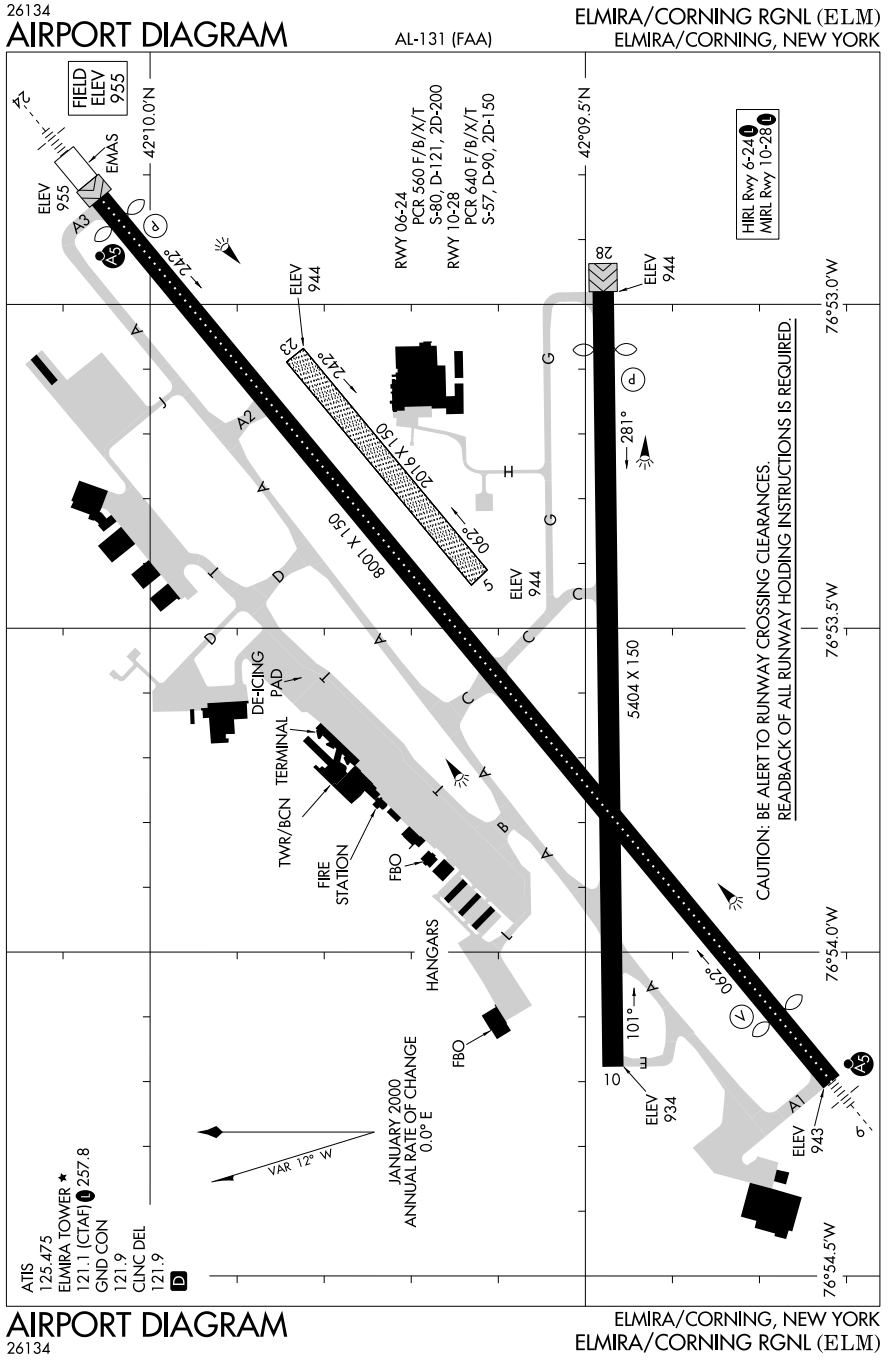


AIRPORT DIAGRAM

26134

EASTON, MARYLAND

EASTON/NEWNAM FLD (ESN)

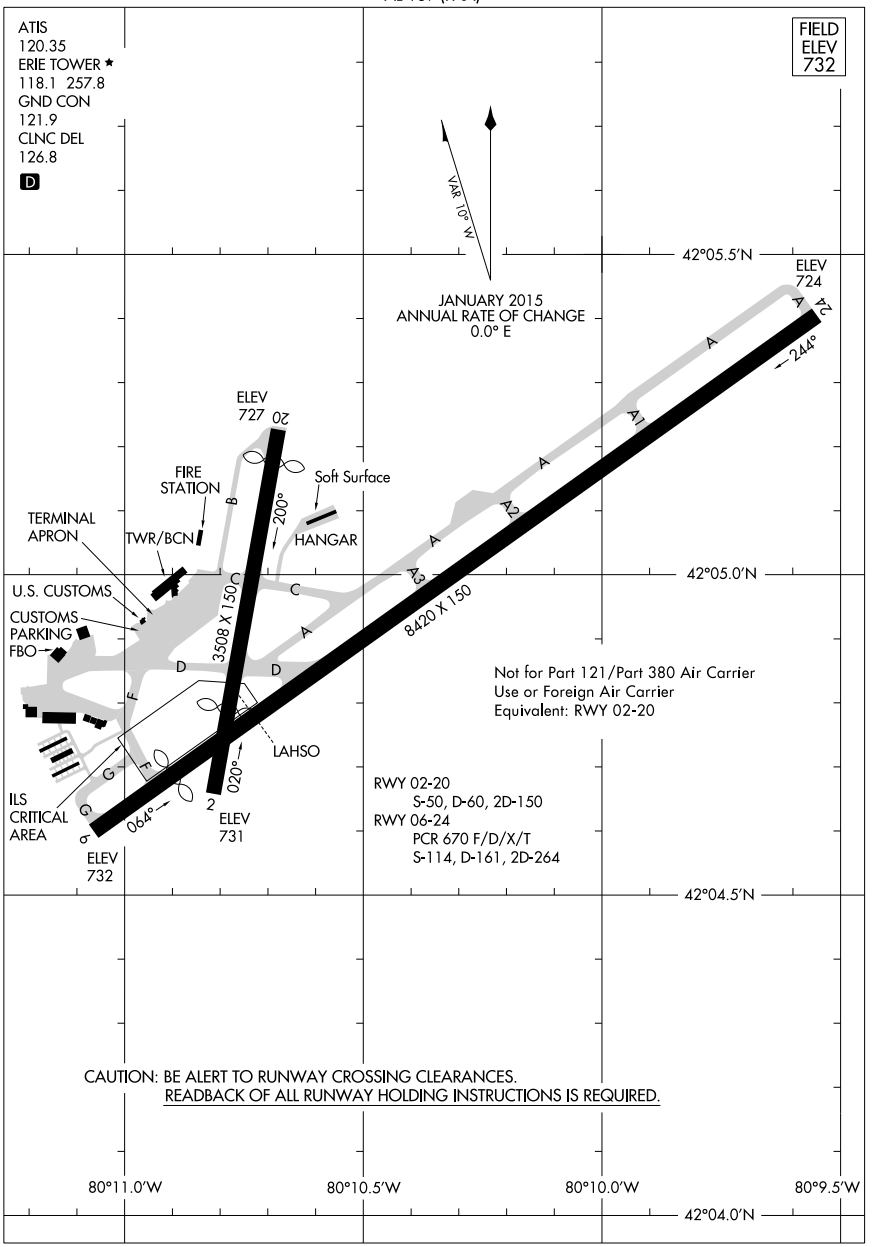

26134
AIRPORT DIAGRAM
AL-131 (FAA)
ELMIRA/CORNING RGNL (ELM)
ELMIRA/CORNING, NEW YORK
FIELD ELEV 955
EMAS
ELEV 955
42°10.0'N
42°09.5'N
RWY 06-24
PCR 560 F/B/X/T
S-80, D-121, 2D-200
RWY 10-28
PCR 640 F/B/X/T
S-57, D-90, 2D-150
HIRL Rwy 6-24
MIRL Rwy 10-28
ELEV 944
8001 X 150
5404 X 150
20I6 X 150
242°
062°
281°
101°
069°
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
DE-ICING PAD
TWR/BCN
TERMINAL
FIRE STATION
FBO
HANGARS
FBO
ELEV 934
ELEV 943
76°53.0'W
76°53.5'W
76°54.0'W
76°54.5'W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° E
VAR 12° W
ATIS
125.475
ELMIRA TOWER
121.1 (CTAF) 257.8
GND CON
121.9
CLNC DEL
121.9
AIRPORT DIAGRAM
26134
ELMIRA/CORNING, NEW YORK
ELMIRA/CORNING RGNL (ELM)

26134

AIRPORT DIAGRAM

ERIE INTL/TOM RIDGE FLD (ERI)
ERIE, PENNSYLVANIA

AL-139 (FAA)



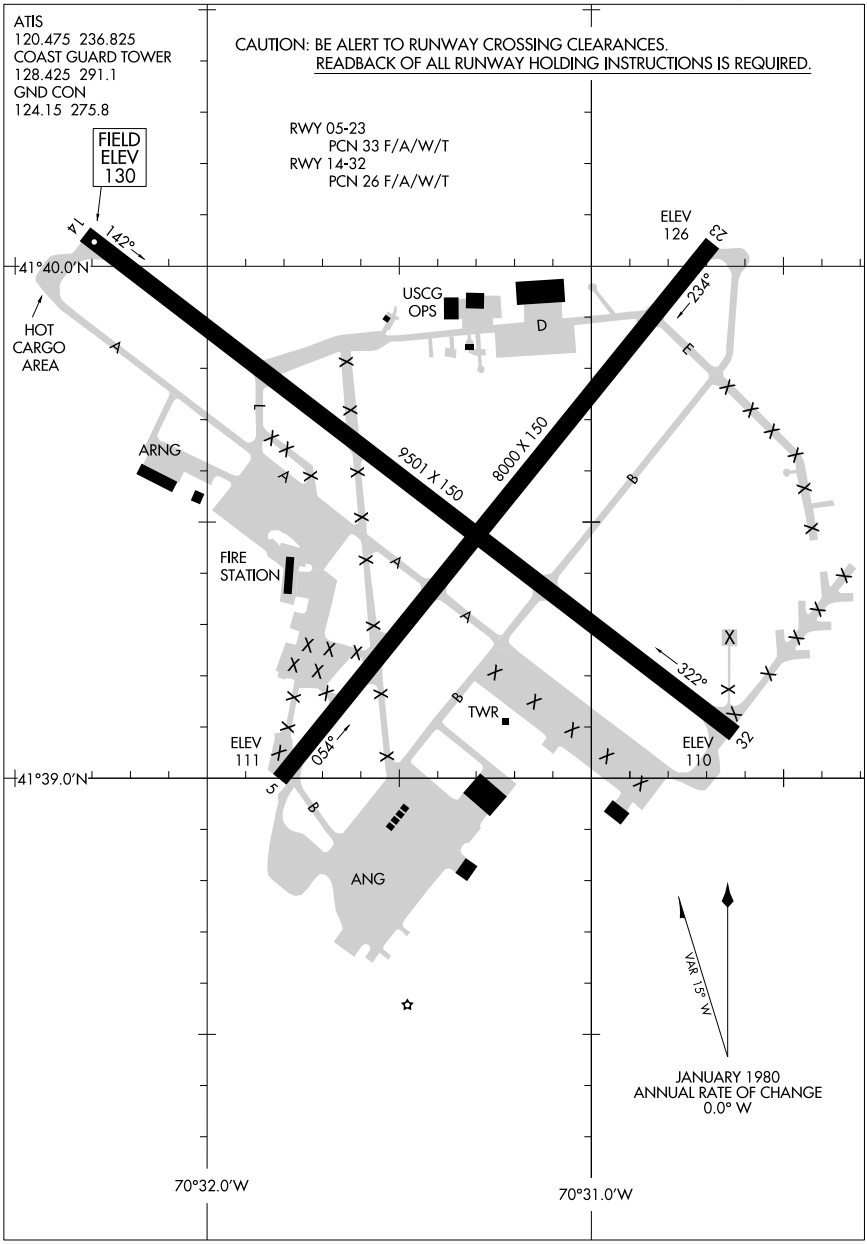
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM
ERIE, PENNSYLVANIA
ERIE INTL/TOM RIDGE FLD (ERI)
26134

26190

AIRPORT DIAGRAM

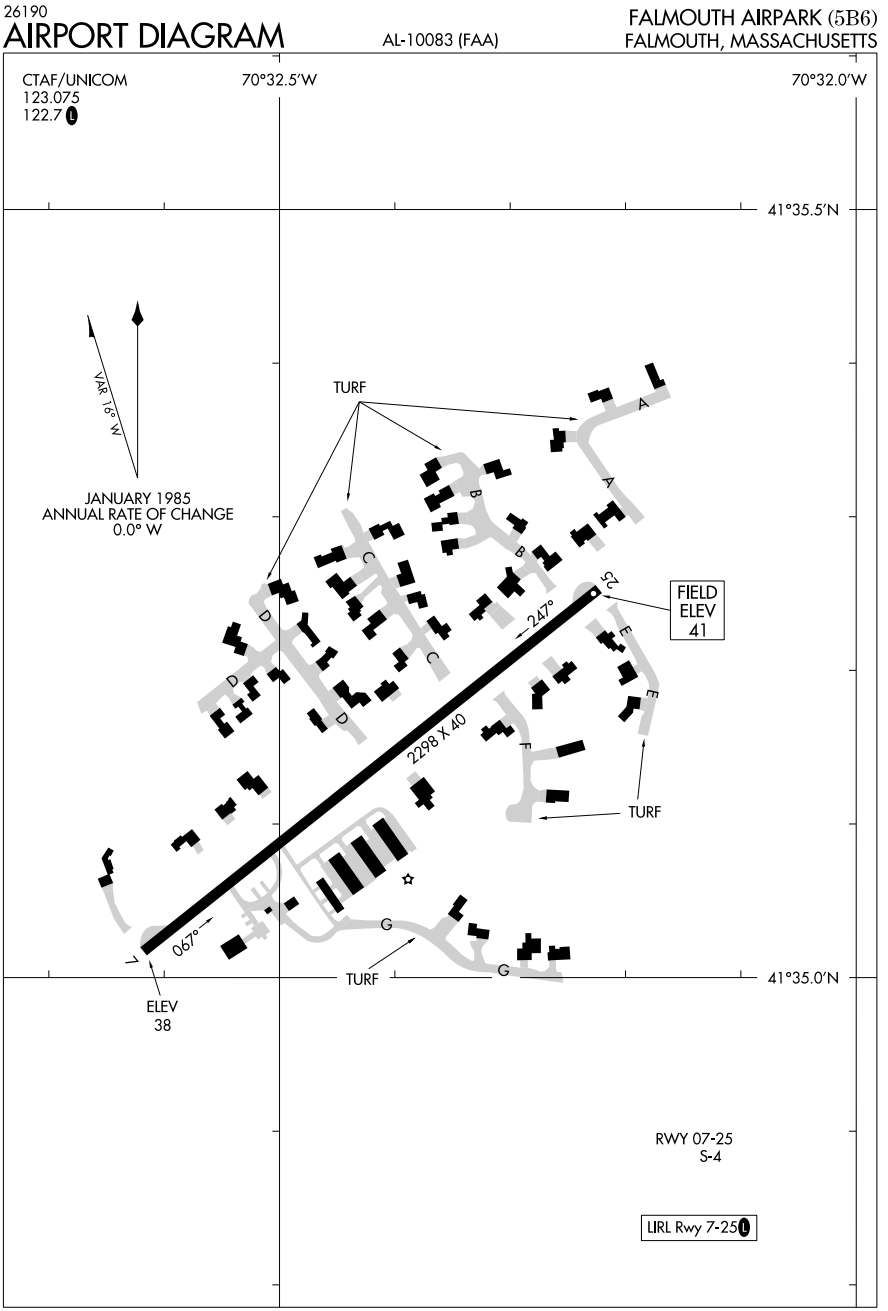
CAPE COD COAST GUARD AIR STATION (FMH)
AL-10362 (FAA)
FALMOUTH, MASSACHUSETTS

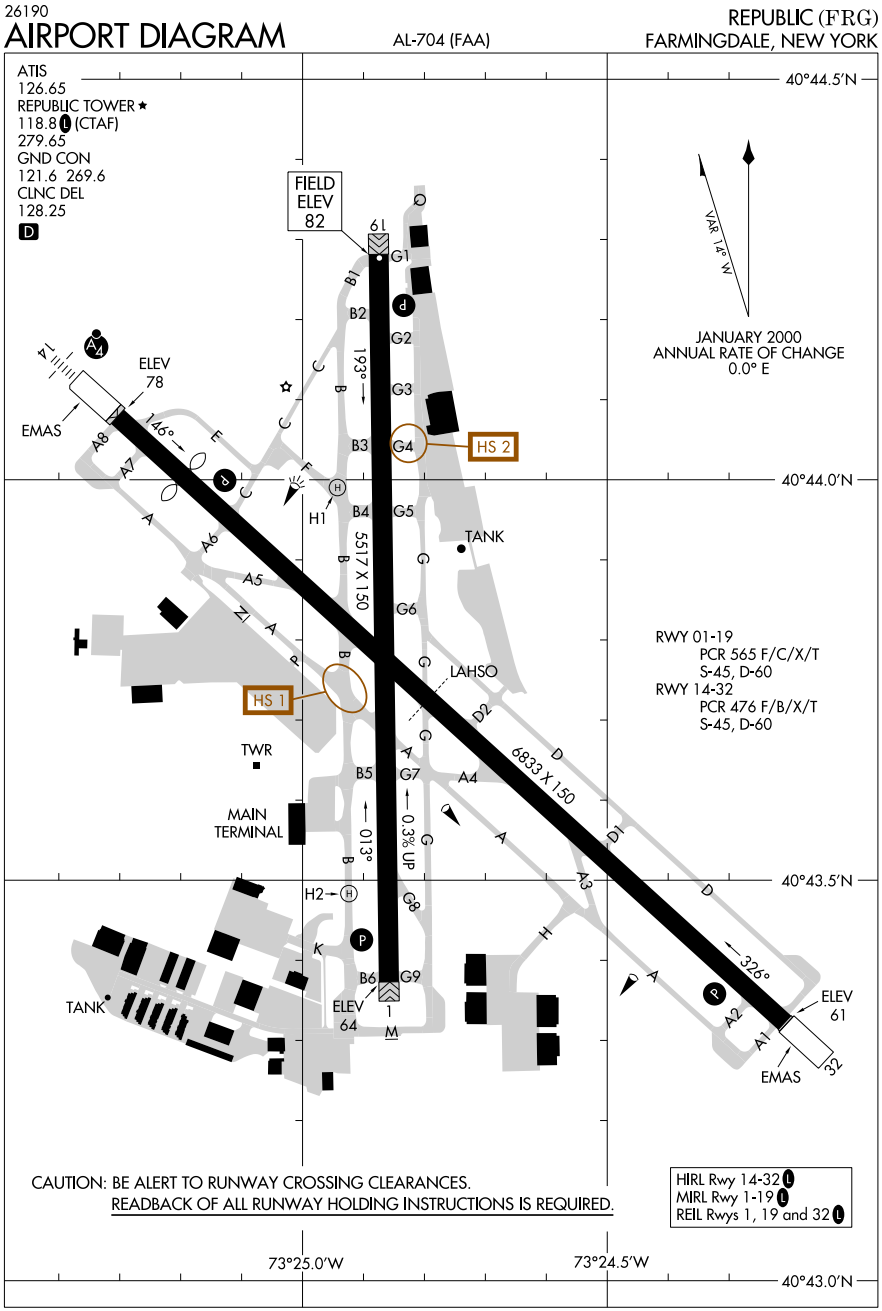


AIRPORT DIAGRAM

26190

FALMOUTH, MASSACHUSETTS
CAPE COD COAST GUARD AIR STATION (FMH)


26190
AIRPORT DIAGRAM
AL-10083 (FAA)
FALMOUTH AIRPARK (5B6)
FALMOUTH, MASSACHUSETTS
CTAF/UNICOM
123.075
122.7 L
70°32.5'W
70°32.0'W
41°35.5'N
41°35.0'N
VAR 16° W
JANUARY 1985
ANNUAL RATE OF CHANGE
0.0° W
TURF
FIELD
ELEV
41
25
247°
067°
7
2298 X 40
TURF
TURF
ELEV
38
RWY 07-25
S-4
LIRL Rwy 7-25 L
AIRPORT DIAGRAM
26190
FALMOUTH, MASSACHUSETTS
FALMOUTH AIRPARK (5B6)


26190
AIRPORT DIAGRAM
AL-704 (FAA)
REPUBLIC (FRG)
FARMINGDALE, NEW YORK
ATIS
126.65
REPUBLIC TOWER ★
118.8 L (CTAF)
279.65
GND CON
121.6 269.6
CLNC DEL
128.25
D
40°44.5'N
FIELD ELEV 82
VAR 14° W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° E
ELEV 78
EMAS
146°
193°
HS 2
40°44.0'N
H1
TANK
5517 X 150
LAHSO
RWY 01-19
PCR 565 F/C/X/T
S-45, D-60
RWY 14-32
PCR 476 F/B/X/T
S-45, D-60
HS 1
TWR
6833 X 150
MAIN TERMINAL
013°
0.3% UP
40°43.5'N
H2
326°
ELEV 61
TANK
ELEV 64
EMAS
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
HIRL Rwy 14-32 L
MIRL Rwy 1-19 L
REIL Rwys 1, 19 and 32 L
73°25.0'W
73°24.5'W
40°43.0'N
AIRPORT DIAGRAM
26190
FARMINGDALE, NEW YORK
REPUBLIC (FRG)

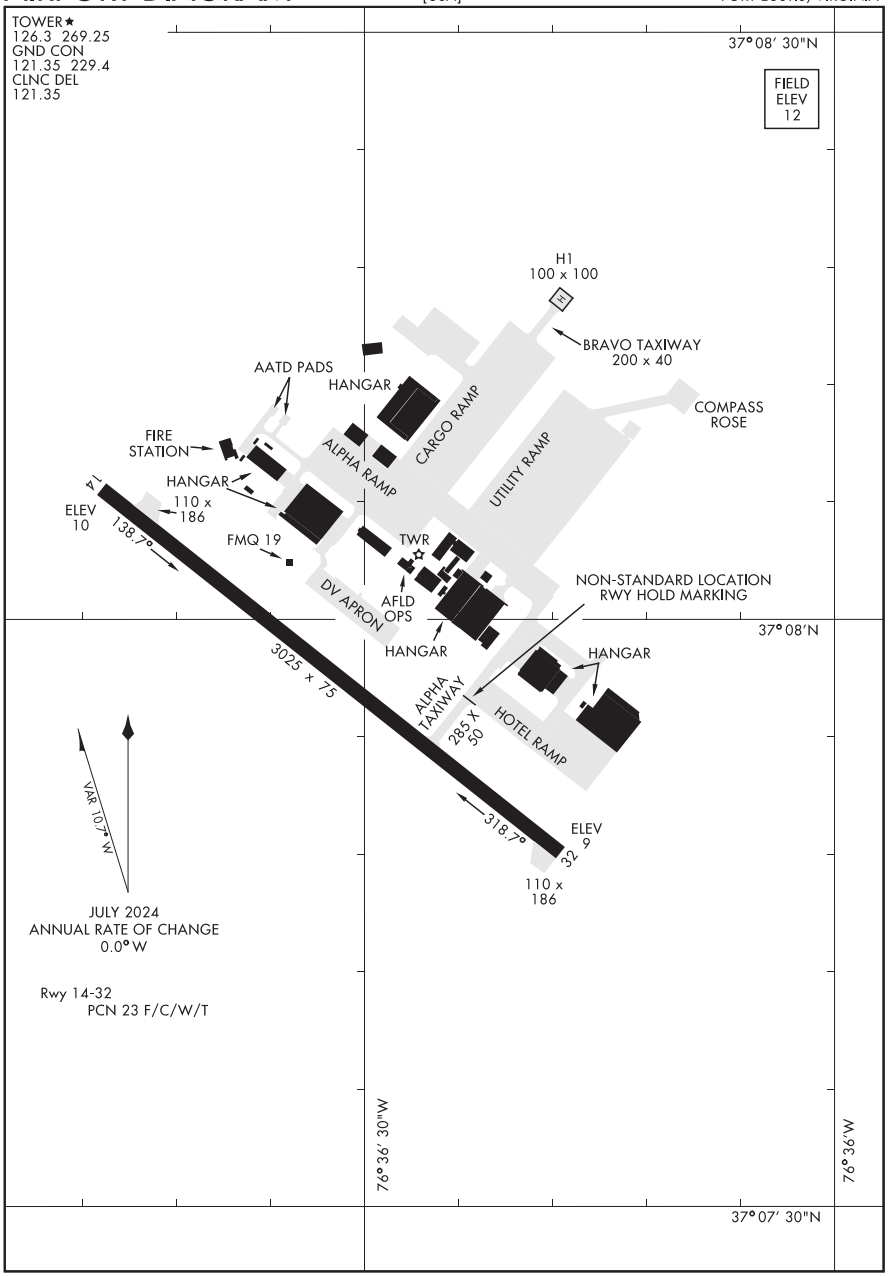
25163

AIRPORT DIAGRAM

FELKER AAF (KFAF)

[USA]

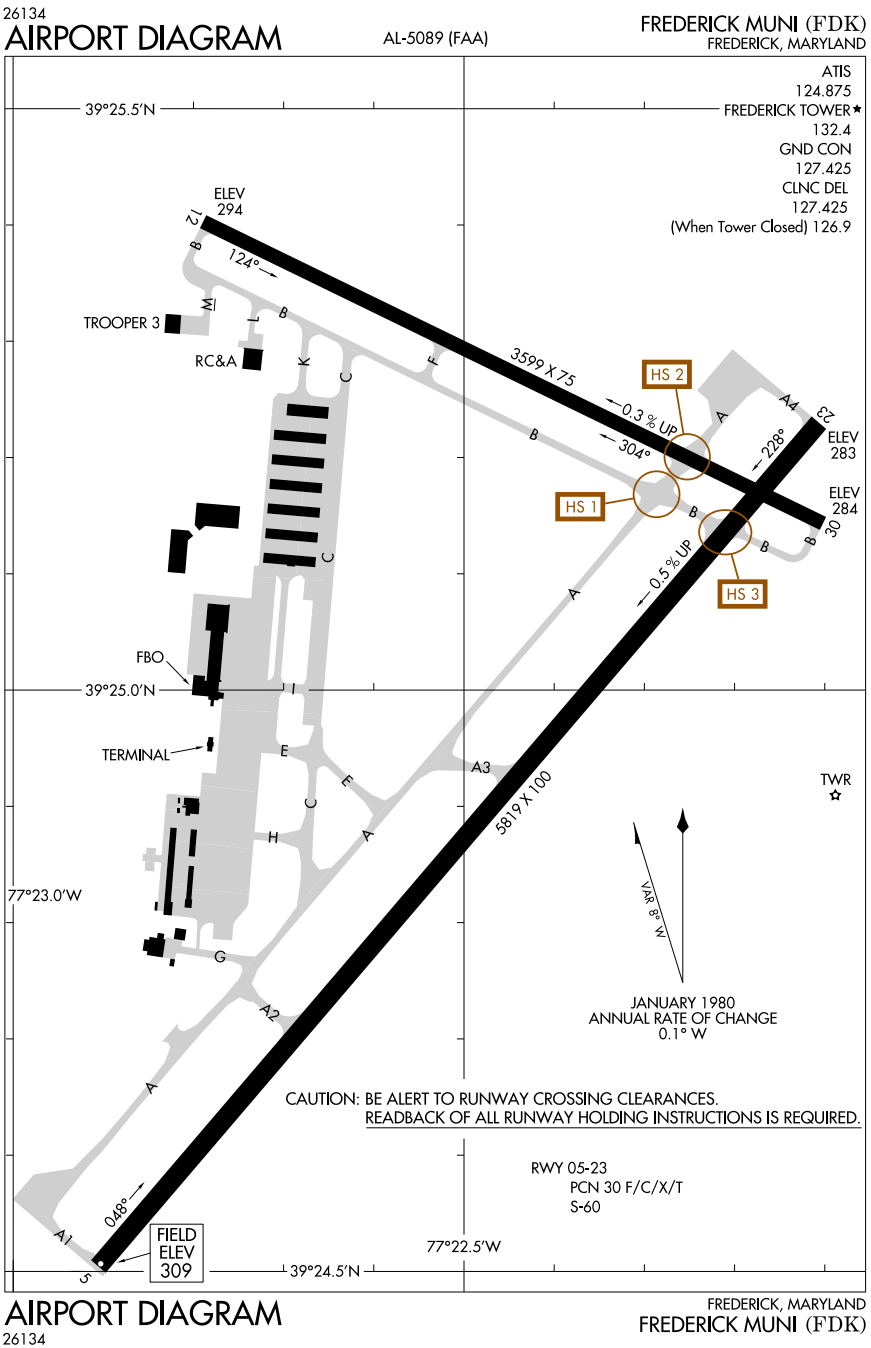
FORT EUSTIS, VIRGINIA



AIRPORT DIAGRAM

FORT EUSTIS, VIRGINIA

FELKER AAF (KFAF)


26134
AIRPORT DIAGRAM
AL-5089 (FAA)
FREDERICK MUNI (FDK)
FREDERICK, MARYLAND
ATIS
124.875
FREDERICK TOWER
132.4
GND CON
127.425
CLNC DEL
127.425
(When Tower Closed) 126.9
39°25.5'N
ELEV
294
12
124°
TROOPER 3
RC&A
3599 X 75
0.3 % UP
304°
HS 2
HS 1
HS 3
23
228°
ELEV
283
ELEV
284
30
0.5 % UP
FBO
39°25.0'N
TERMINAL
A3
5819 X 100
TWR
VAR 8° W
JANUARY 1980
ANNUAL RATE OF CHANGE
0.1° W
77°23.0'W
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
RWY 05-23
PCN 30 F/C/X/T
S-60
048°
FIELD
ELEV
309
77°22.5'W
39°24.5'N
AIRPORT DIAGRAM
26134
FREDERICK, MARYLAND
FREDERICK MUNI (FDK)

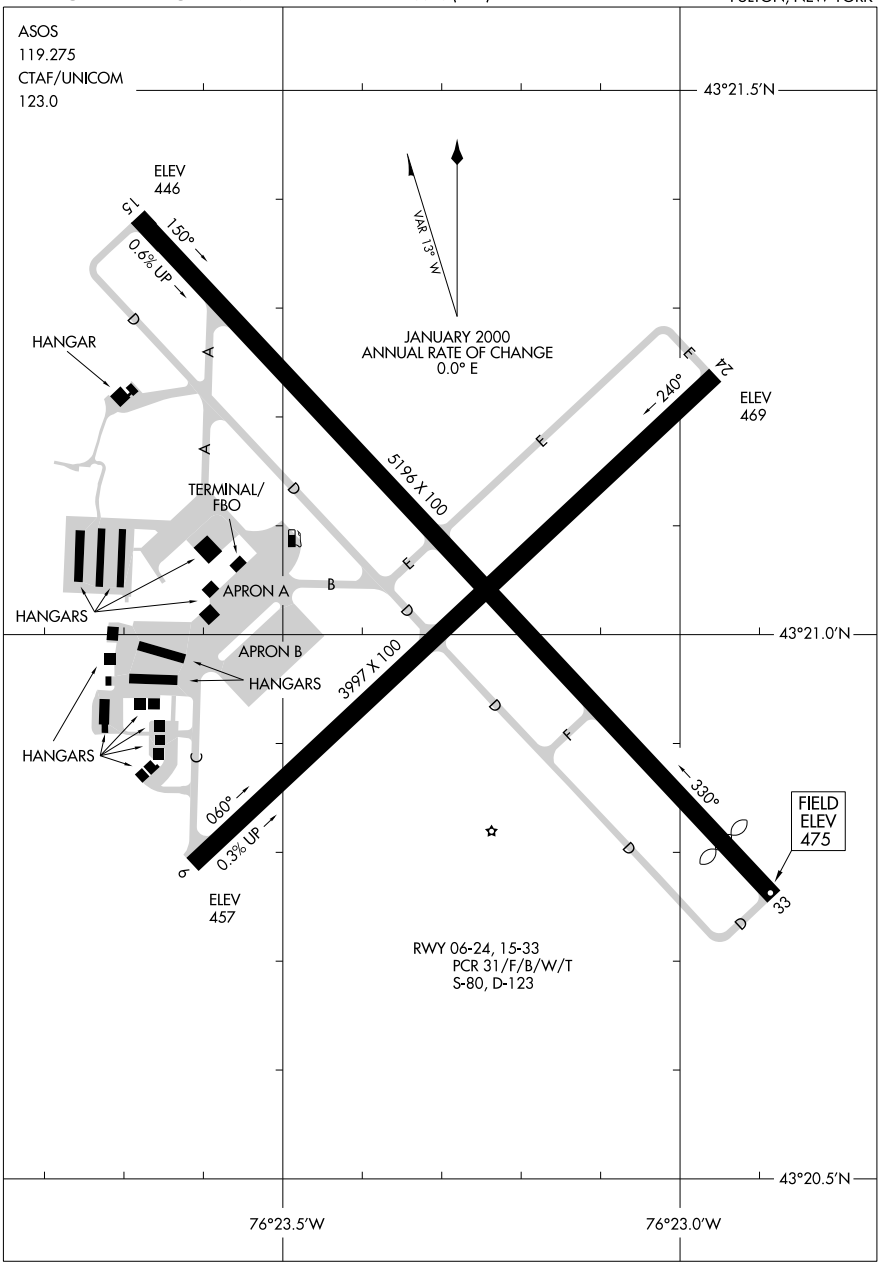
26134

AIRPORT DIAGRAM

AL-5518 (FAA)

OSWEGO COUNTY (FZY)

FULTON, NEW YORK



AIRPORT DIAGRAM

26134

FULTON, NEW YORK

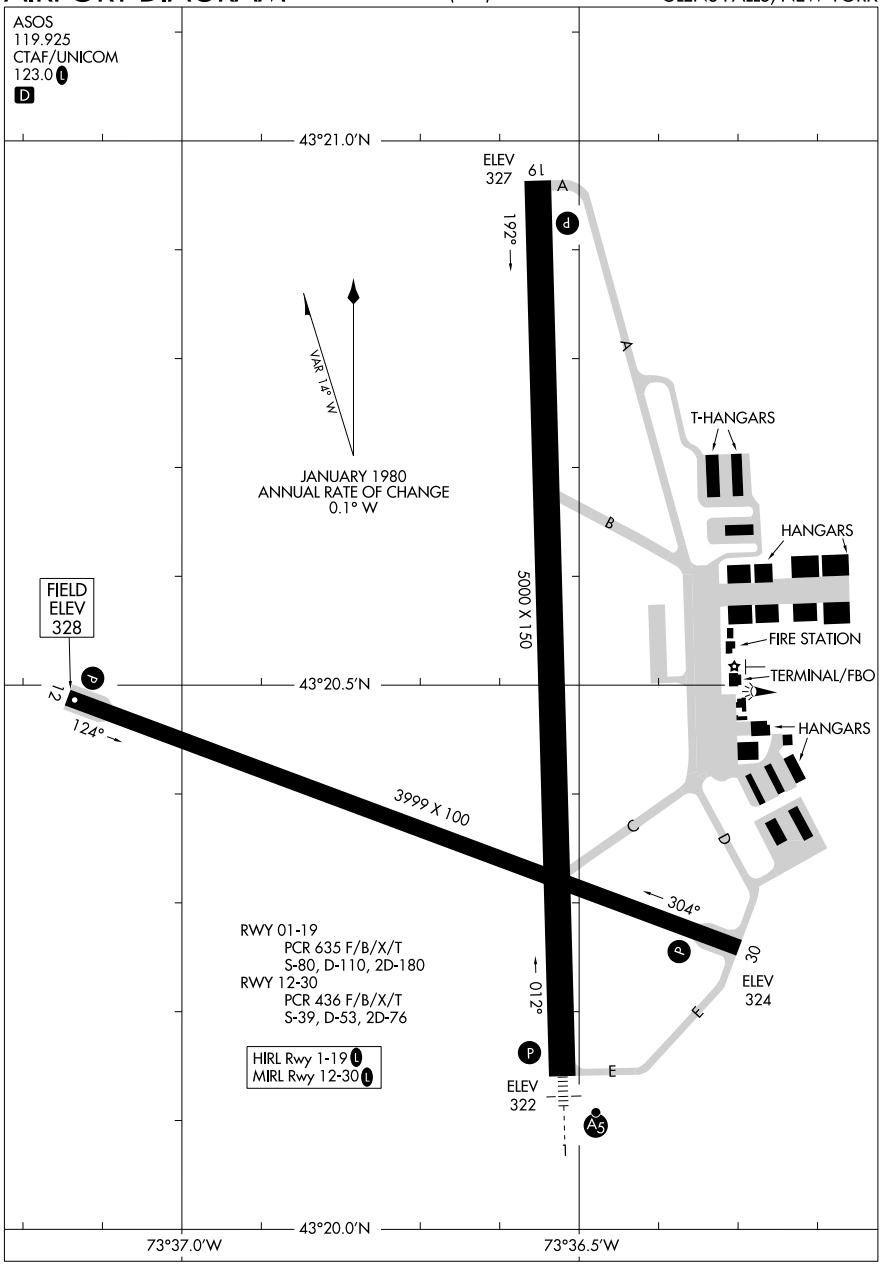
OSWEGO COUNTY (FZY)

26134

AIRPORT DIAGRAM

AL-673 (FAA)

FLOYD BENNETT MEML (GFL)
GLENS FALLS, NEW YORK



AIRPORT DIAGRAM

26134

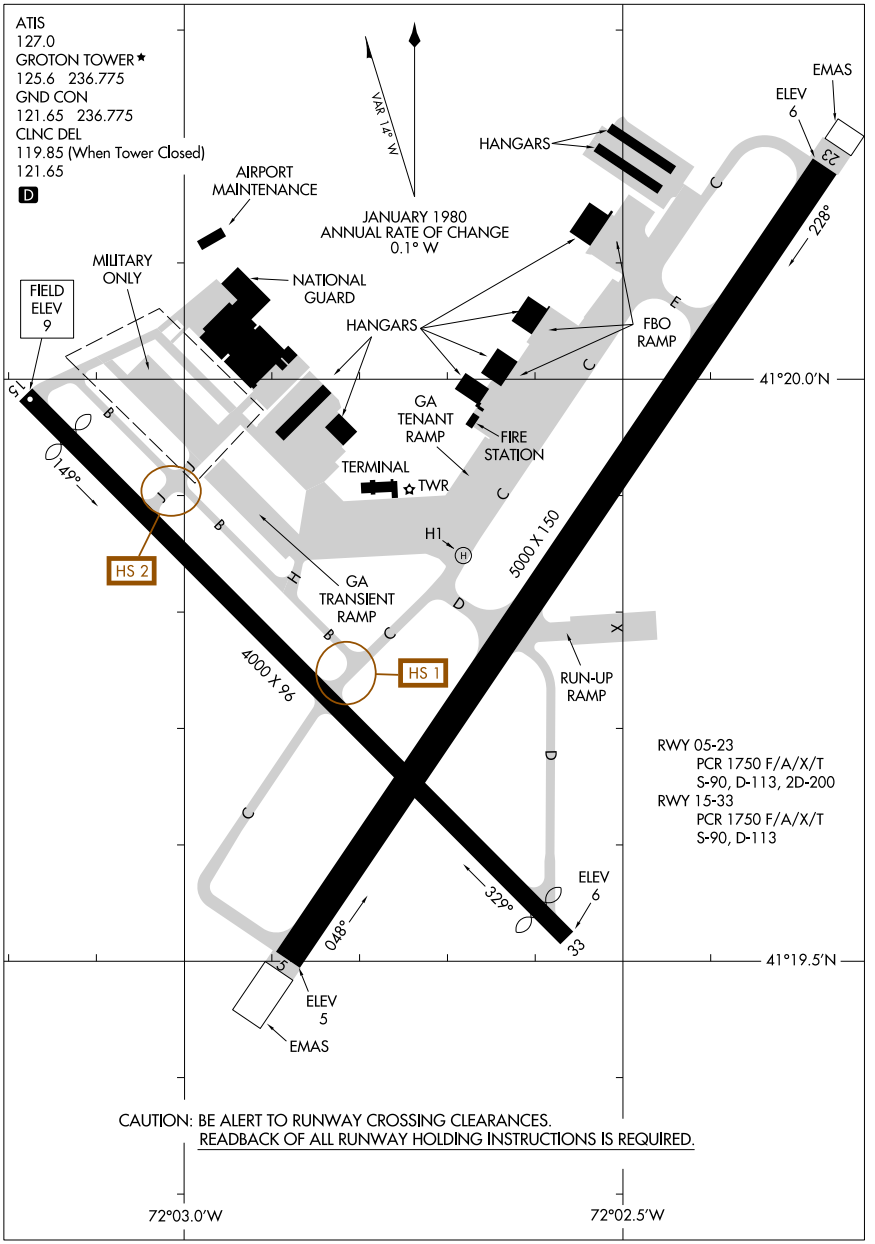
GLENS FALLS, NEW YORK
FLOYD BENNETT MEML (GFL)

26134

AIRPORT DIAGRAM

AL-5049 (FAA)

GROTON-NEW LONDON (GON)
GROTON (NEW LONDON), CONNECTICUT



AIRPORT DIAGRAM

26134

GROTON (NEW LONDON), CONNECTICUT
GROTON-NEW LONDON (GON)

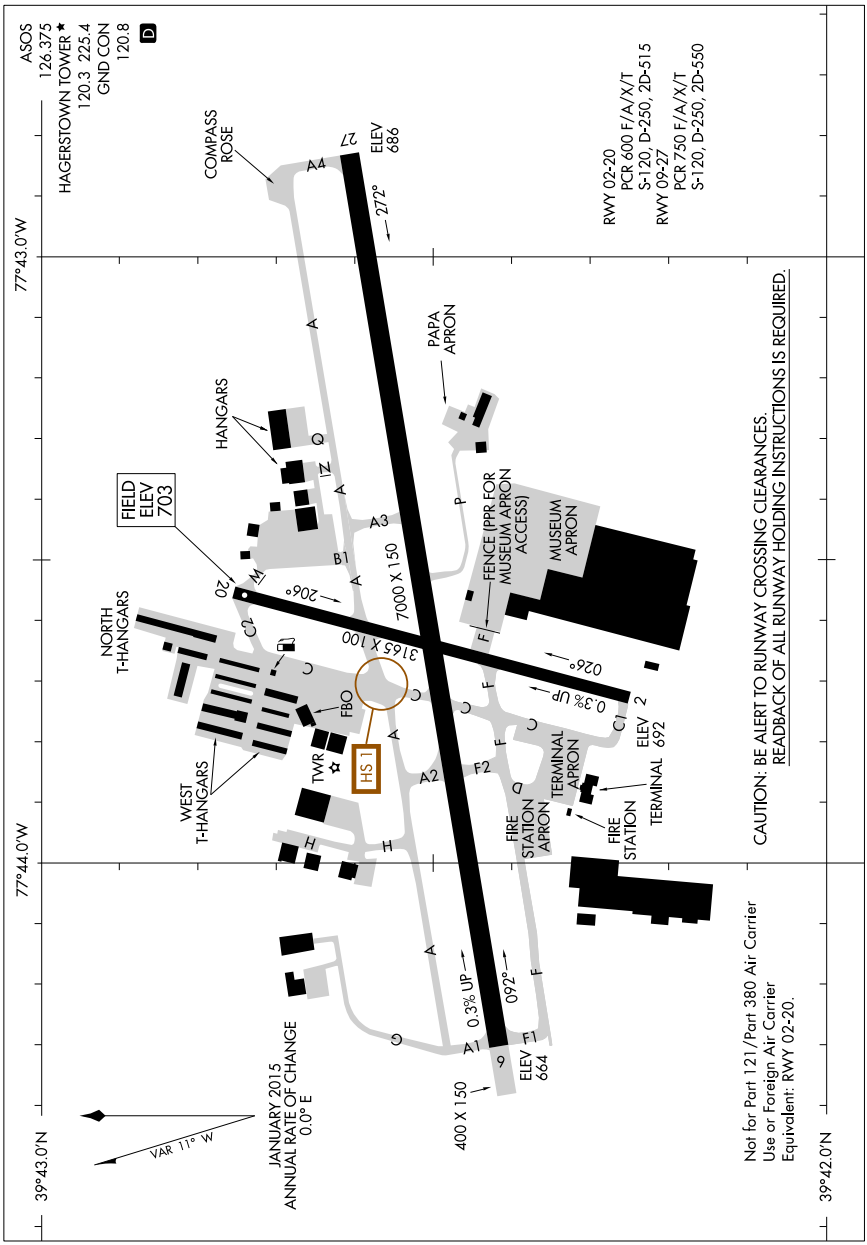
26134

AIRPORT DIAGRAM

HAGERSTOWN RGNL/RICHARD A HENSON FLD (HGR)

AL-5114 (FAA)

HAGERSTOWN, MARYLAND



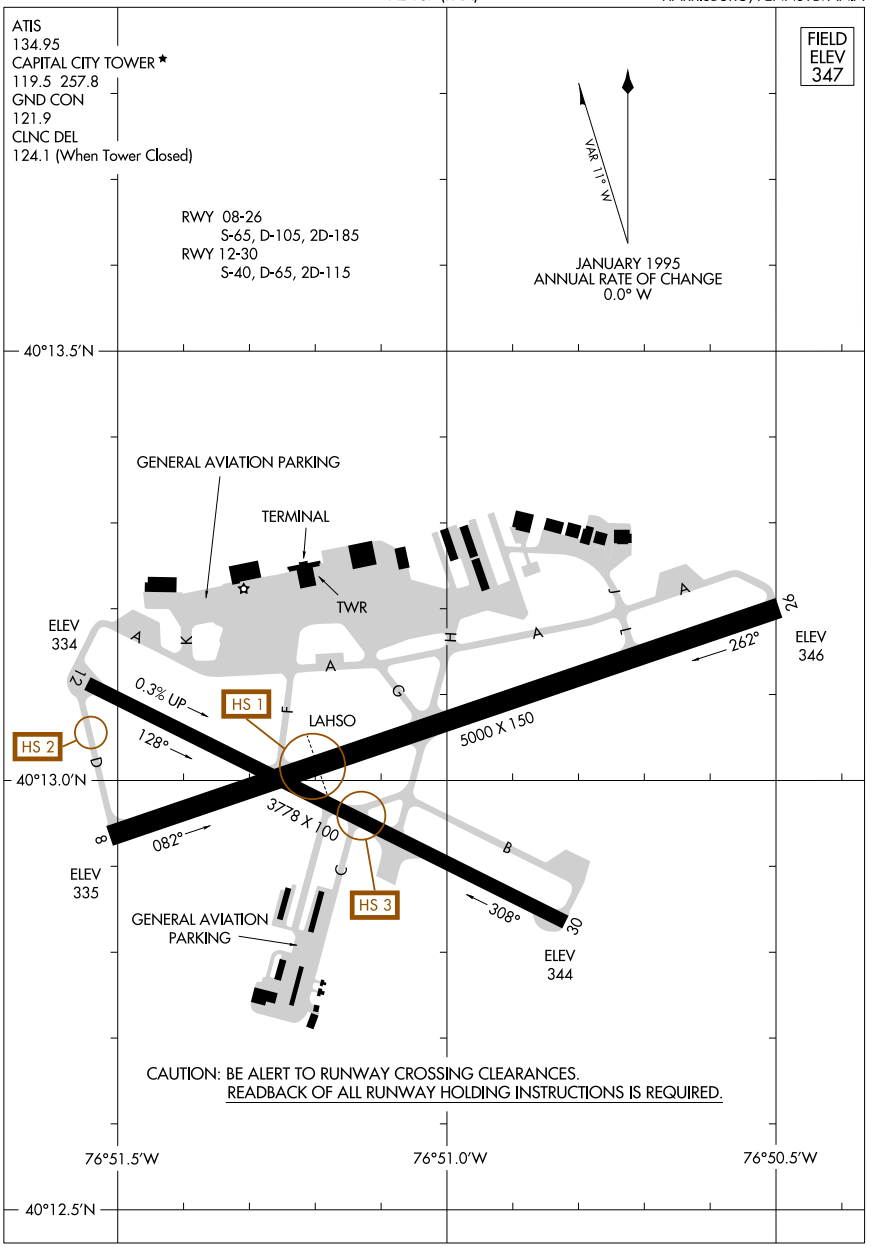
AIRPORT DIAGRAM
26134
HAGERSTOWN RGNL/RICHARD A HENSON FLD (HGR)
HAGERSTOWN, MARYLAND

26190

AIRPORT DIAGRAM

AL-187 (FAA)

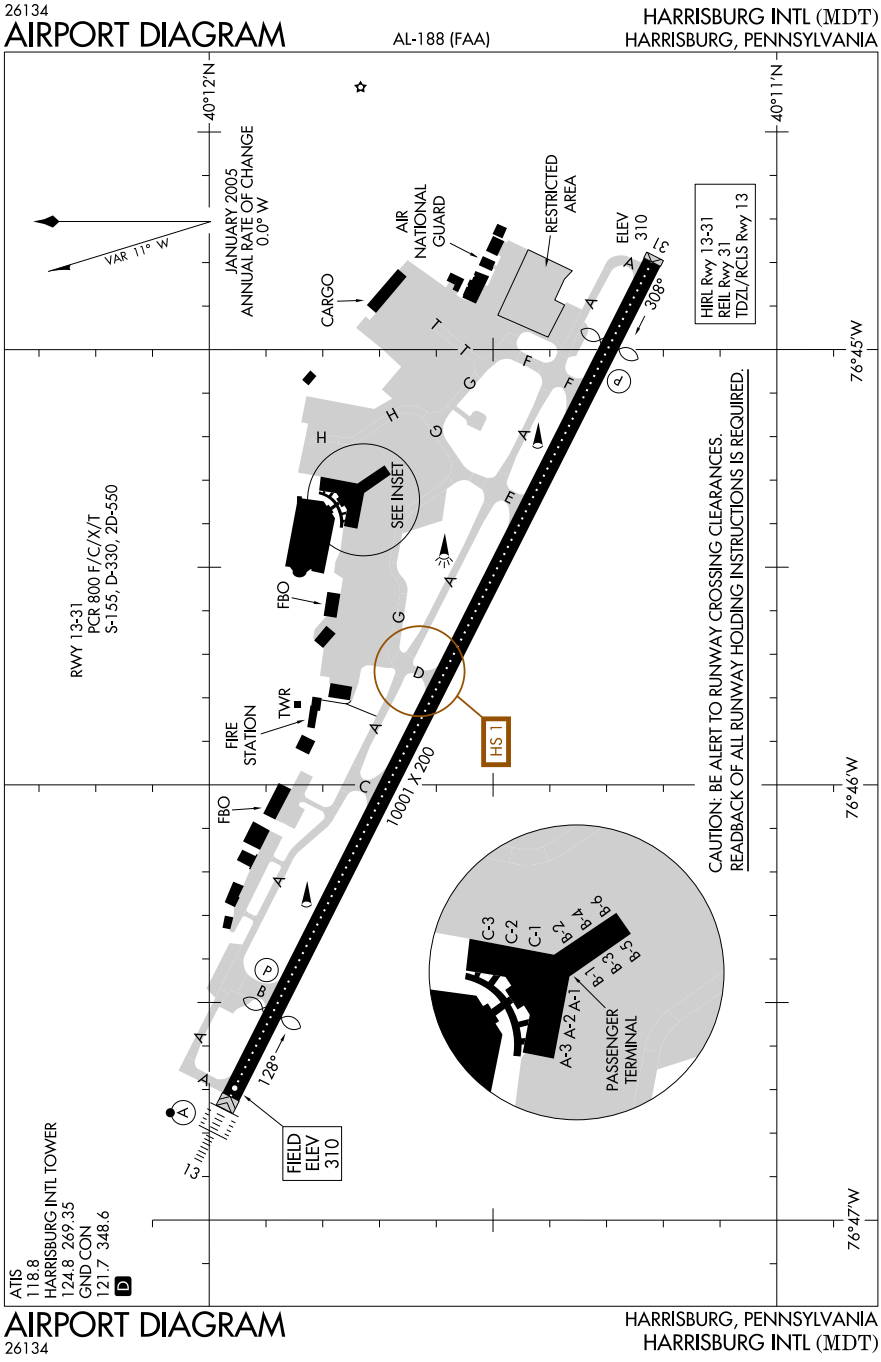
CAPITAL CITY (CXY)
HARRISBURG, PENNSYLVANIA



AIRPORT DIAGRAM

26190

HARRISBURG, PENNSYLVANIA
CAPITAL CITY (CXY)

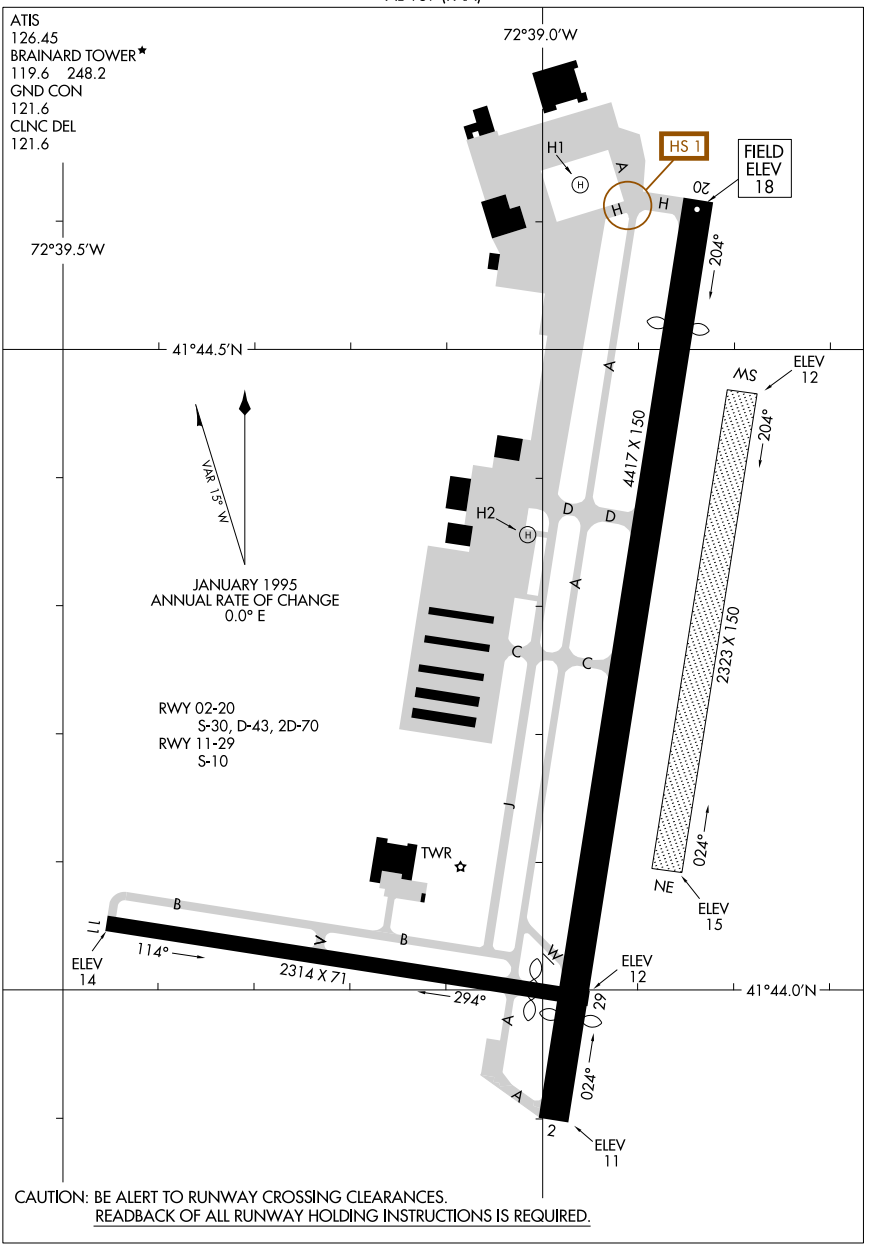

26134
AIRPORT DIAGRAM
AL-188 (FAA)
HARRISBURG INTL (MDT)
HARRISBURG, PENNSYLVANIA
40°12'N
40°11'N
76°45'W
76°46'W
76°47'W
VAR 11° W
JANUARY 2005
ANNUAL RATE OF CHANGE
0.0° W
CARGO
AIR NATIONAL GUARD
RESTRICTED AREA
ELEV 310
308°
HIRL Rwy 13-31
REIL Rwy 31
TDZL/RCLS Rwy 13
RWY 13-31
PCR 800 F/C/X/T
S-155, D-330, 2D-550
SEE INSET
FBO
FIRE STATION
TWR
HS 1
10001 X 200
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
C-3
C-2
C-1
A-3
A-2
A-1
PASSENGER TERMINAL
128°
13
FIELD ELEV 310
ATIS
118.8
HARRISBURG INTL TOWER
124.8 269.35
GND CON
121.7 348.6
D
AIRPORT DIAGRAM
26134
HARRISBURG, PENNSYLVANIA
HARRISBURG INTL (MDT)

26190

AIRPORT DIAGRAM

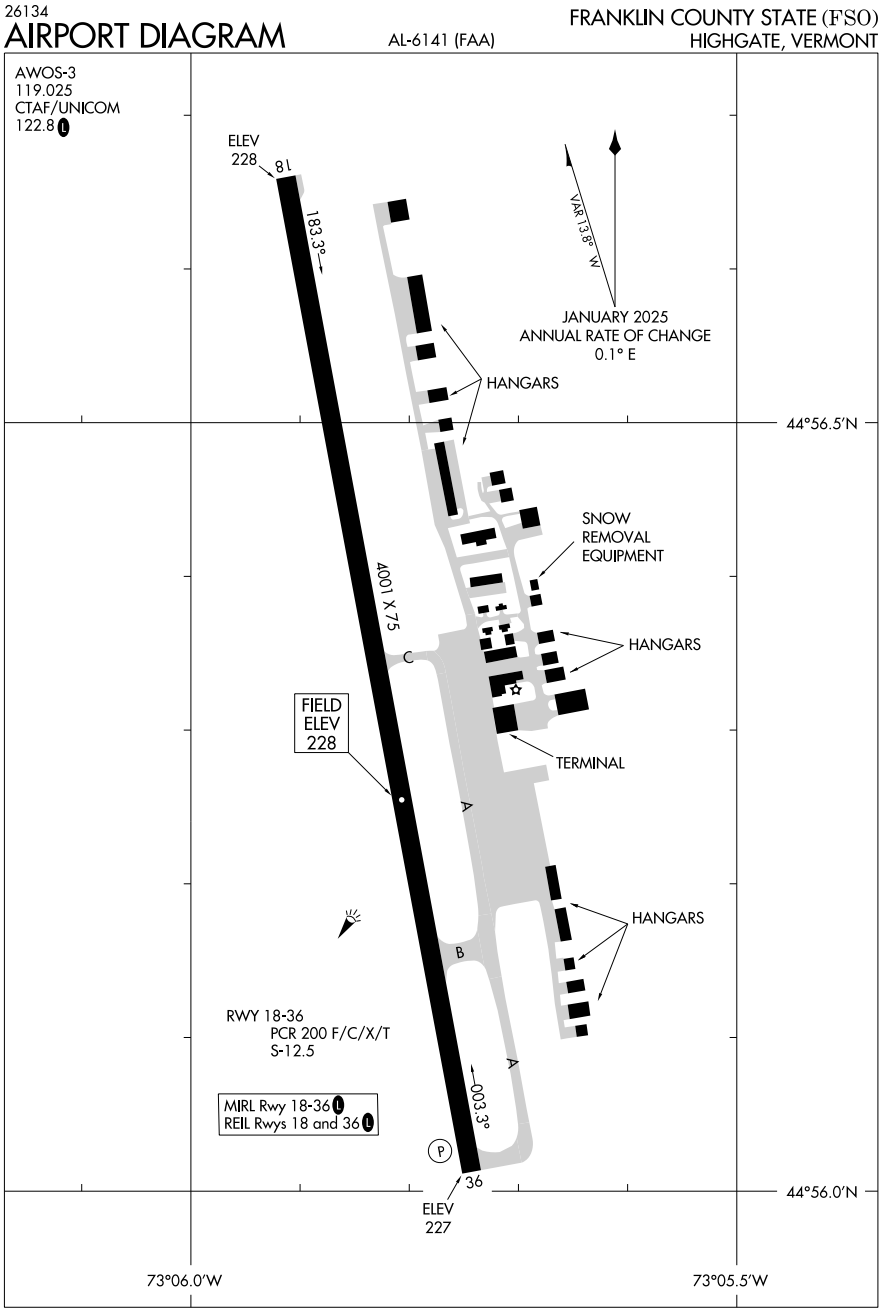
AL-189 (FAA)

HARTFORD-BRAINARD (HFD)
HARTFORD, CONNECTICUT



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM
26190
HARTFORD, CONNECTICUT
HARTFORD-BRAINARD (HFD)

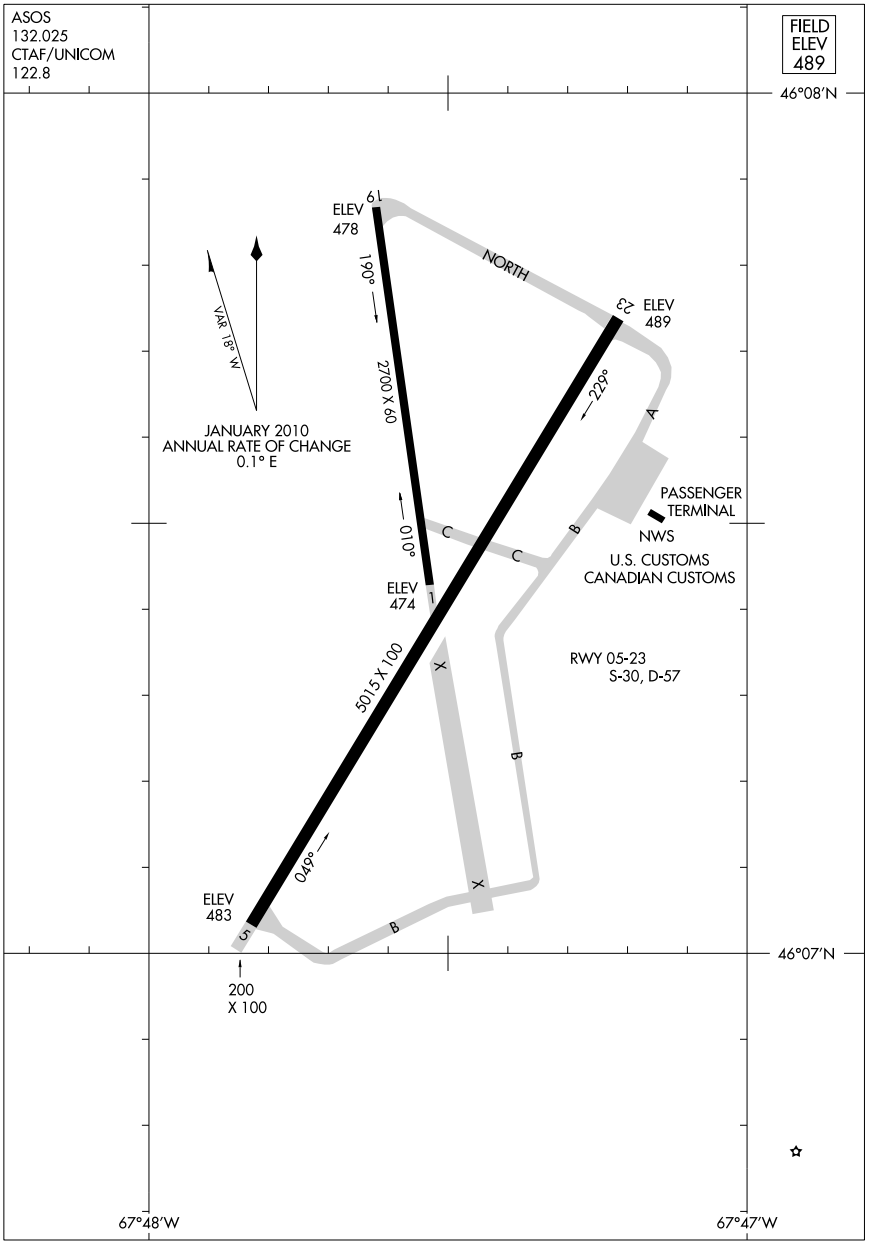

26134
AIRPORT DIAGRAM
AL-6141 (FAA)
FRANKLIN COUNTY STATE (FSO)
HIGHGATE, VERMONT
AWOS-3
119.025
CTAF/UNICOM
122.8 L
ELEV
228
18
183.3°
VAR 13.8° W
JANUARY 2025
ANNUAL RATE OF CHANGE
0.1° E
HANGARS
44°56.5'N
SNOW
REMOVAL
EQUIPMENT
4001 X 75
C
HANGARS
FIELD
ELEV
228
TERMINAL
A
HANGARS
B
RWY 18-36
PCR 200 F/C/X/T
S-12.5
A
003.3°
MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L
P
36
ELEV
227
44°56.0'N
73°06.0'W
73°05.5'W
AIRPORT DIAGRAM
26134
HIGHGATE, VERMONT
FRANKLIN COUNTY STATE (FSO)

26134

AIRPORT DIAGRAM

AL-196 (FAA)

HOULTON INTL (HUL)
HOULTON, MAINE



AIRPORT DIAGRAM

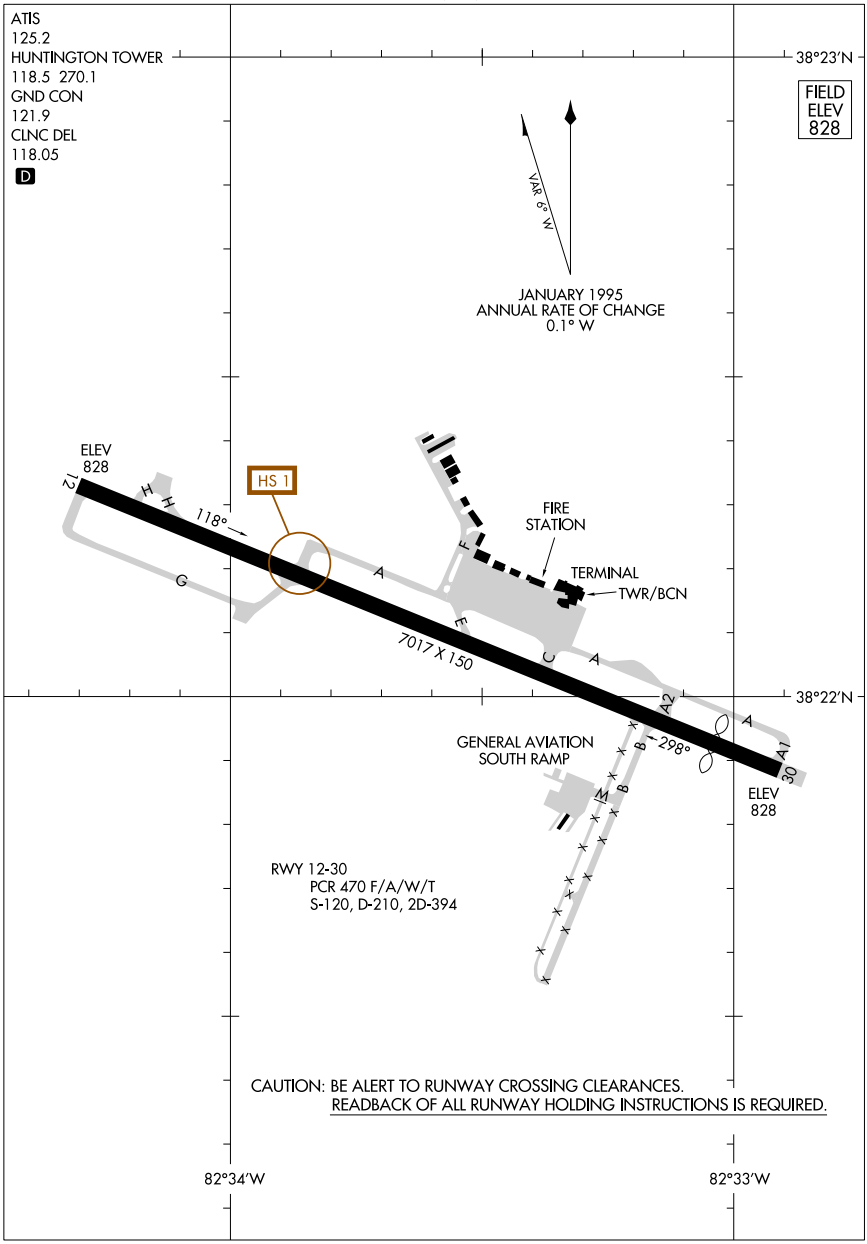
26134

HOULTON, MAINE
HOULTON INTL (HUL)

26134

AIRPORT DIAGRAM

TRI-STATE/MILTON J FERGUSON FLD (HTS)
HUNTINGTON, WEST VIRGINIA
AL-532 (FAA)



AIRPORT DIAGRAM

26134

HUNTINGTON, WEST VIRGINIA
TRI-STATE/MILTON J FERGUSON FLD (HTS)

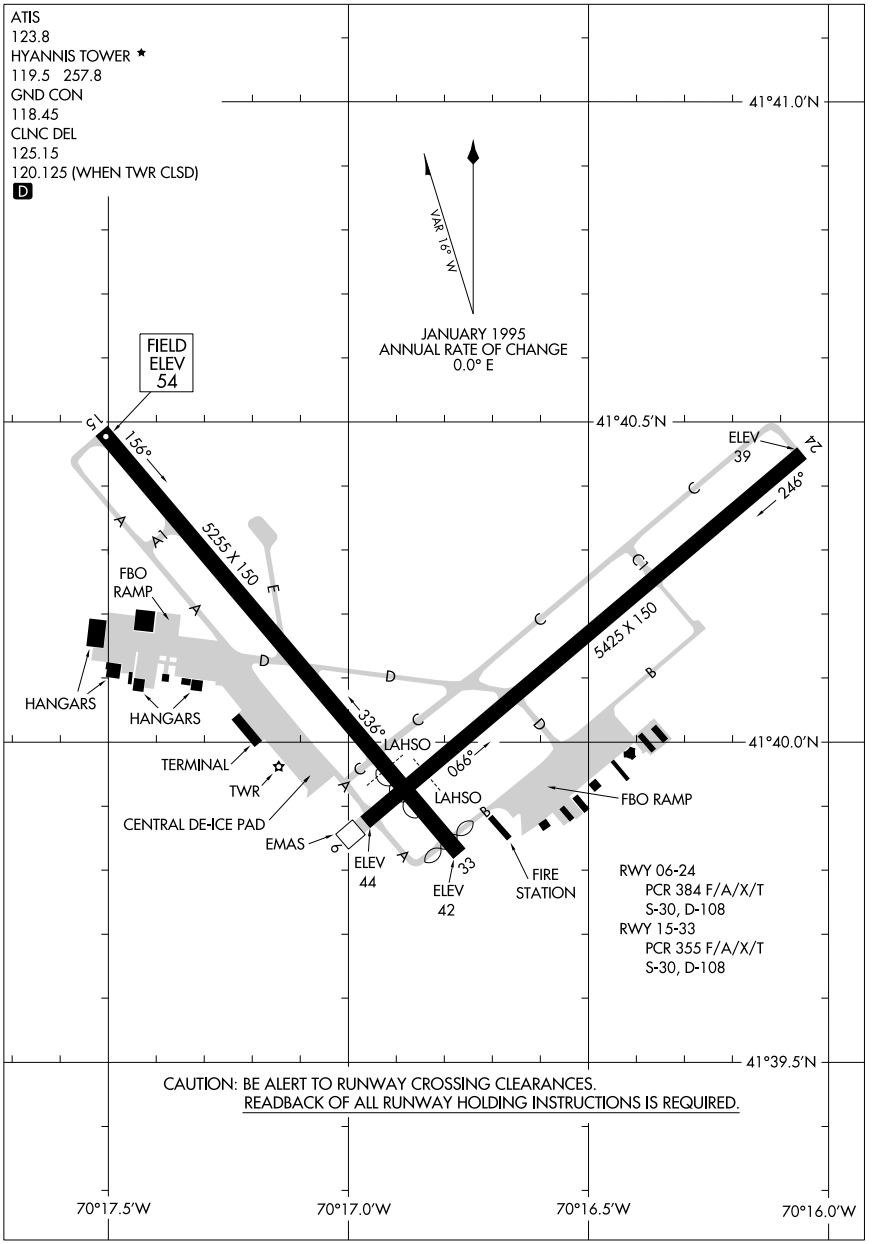
26134

AIRPORT DIAGRAM

AL-675 (FAA)

CAPE COD GATEWAY (HYA)

HYANNIS, MASSACHUSETTS



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

HYANNIS, MASSACHUSETTS

CAPE COD GATEWAY (HYA)

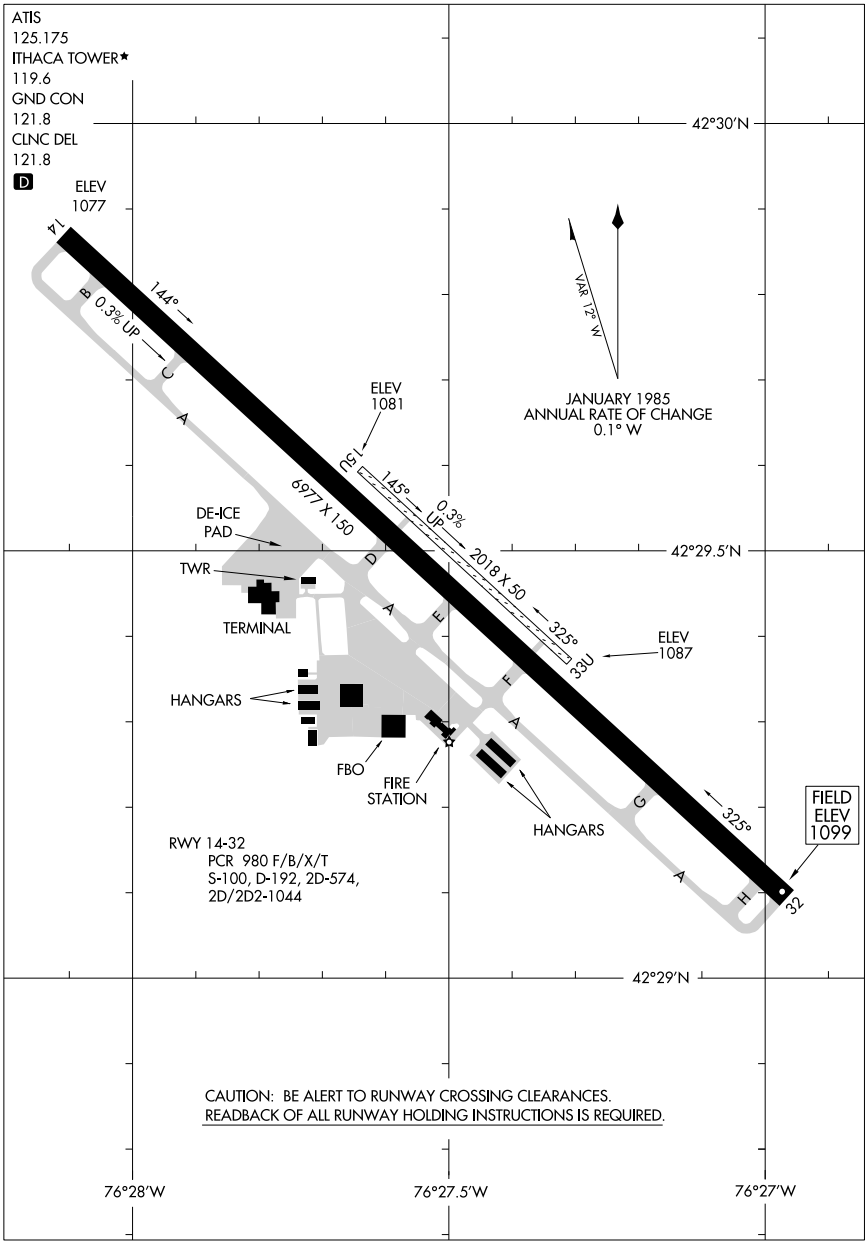
26134

26190

AIRPORT DIAGRAM

AL-779 (FAA)

ITHACA TOMPKINS INTL (ITH)
ITHACA, NEW YORK



AIRPORT DIAGRAM

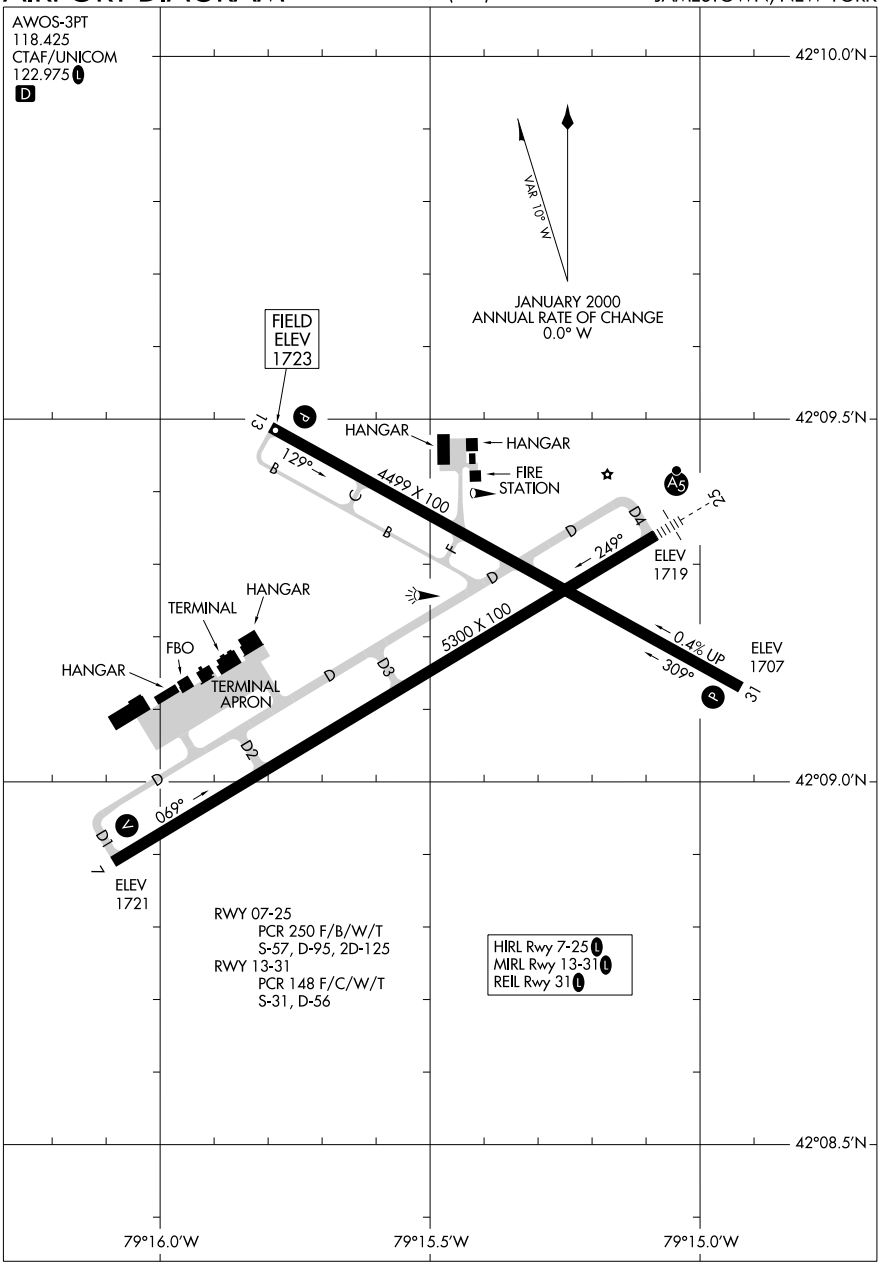
26190

ITHACA, NEW YORK
ITHACA TOMPKINS INTL (ITH)

26134

AIRPORT DIAGRAM

CHAUTAUQUA COUNTY/JAMESTOWN (JHW)
AL-731 (FAA)
JAMESTOWN, NEW YORK



AIRPORT DIAGRAM
26134

JAMESTOWN, NEW YORK
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

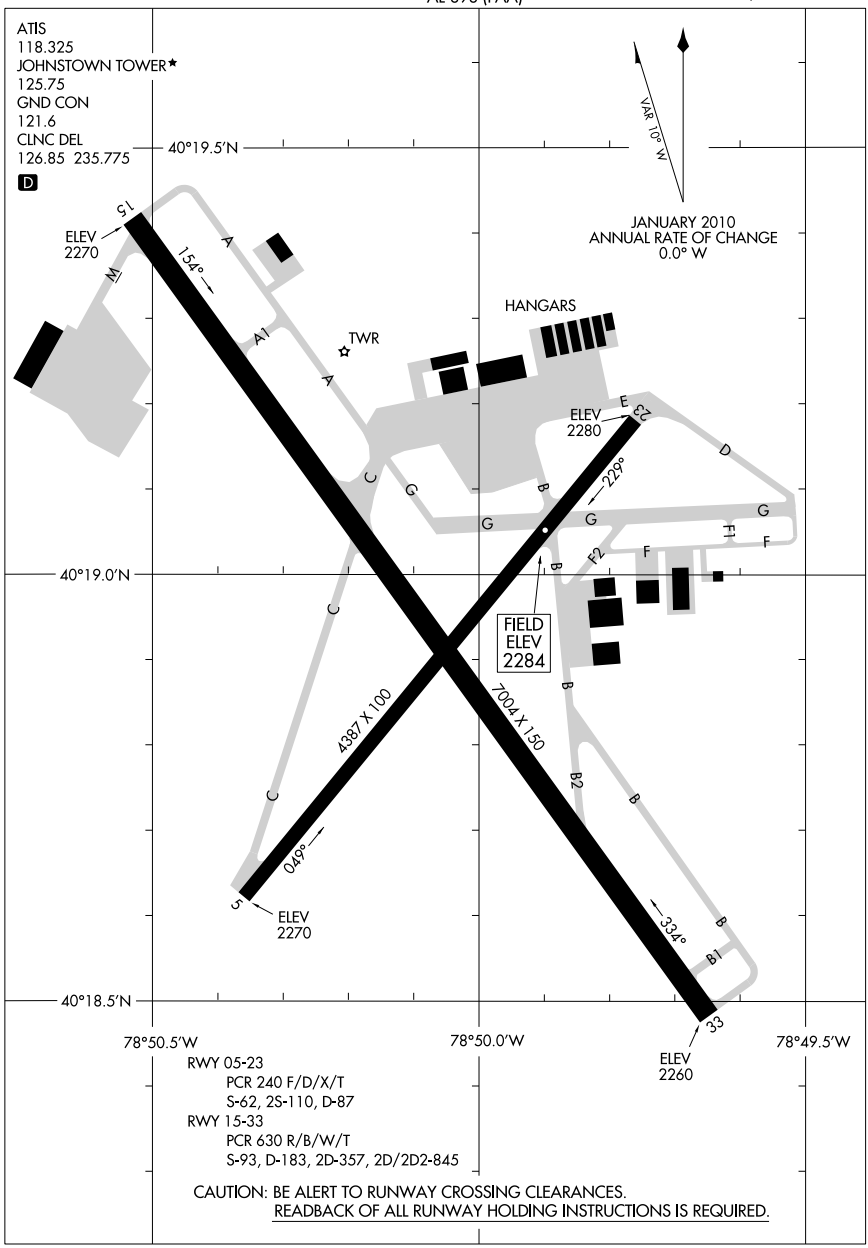
26134

AIRPORT DIAGRAM

JOHN MURTHA JOHNSTOWN/CAMBRIA COUNTY (JST)

AL-898 (FAA)

JOHNSTOWN, PENNSYLVANIA



AIRPORT DIAGRAM
26134
JOHNSTOWN, PENNSYLVANIA
JOHN MURTHA JOHNSTOWN/CAMBRIA COUNTY (JST)

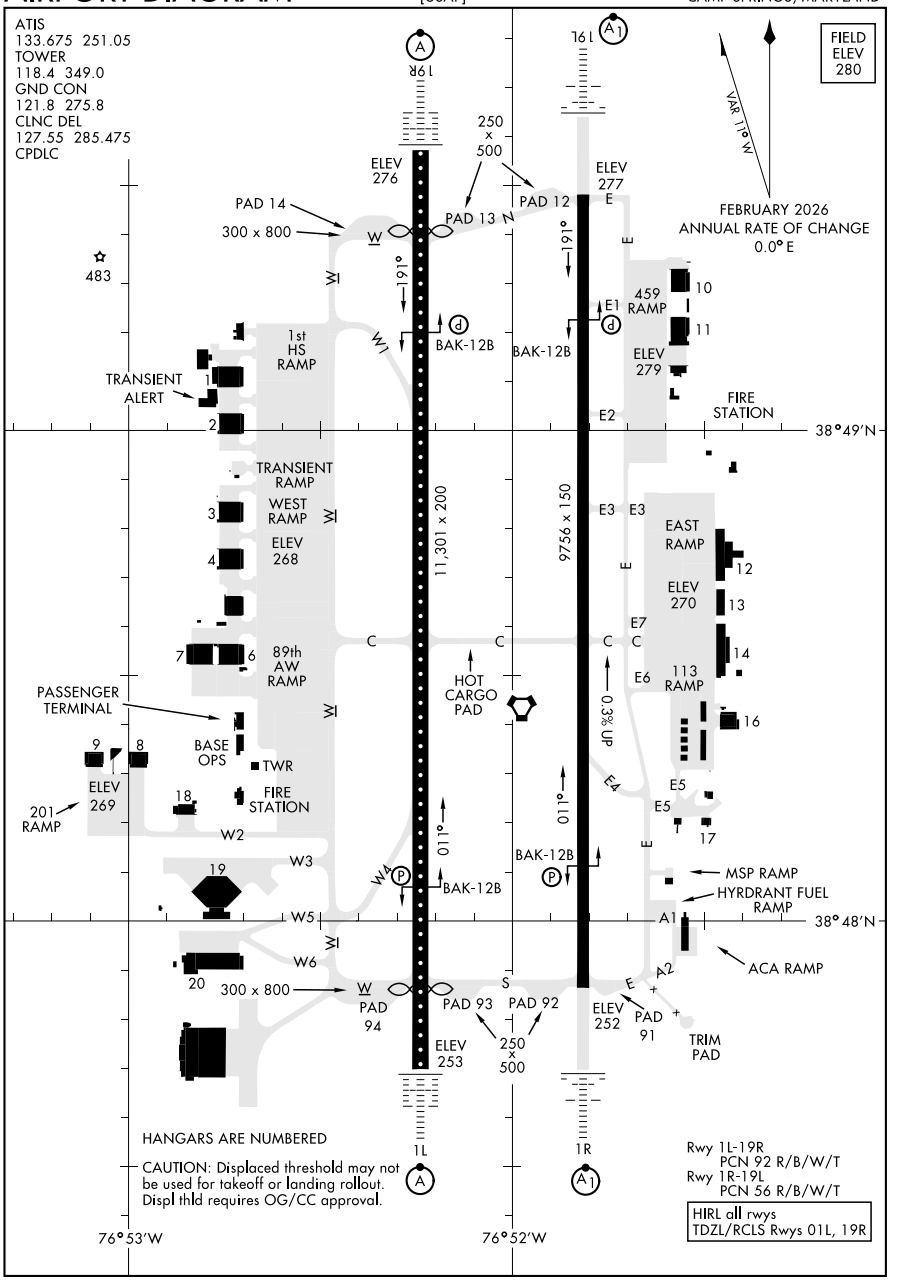
26190

AIRPORT DIAGRAM

JOINT BASE ANDREWS (ANDREWS AFB) (KADW)

[USAF]

CAMP SPRINGS, MARYLAND



AIRPORT DIAGRAM

CAMP SPRINGS, MARYLAND

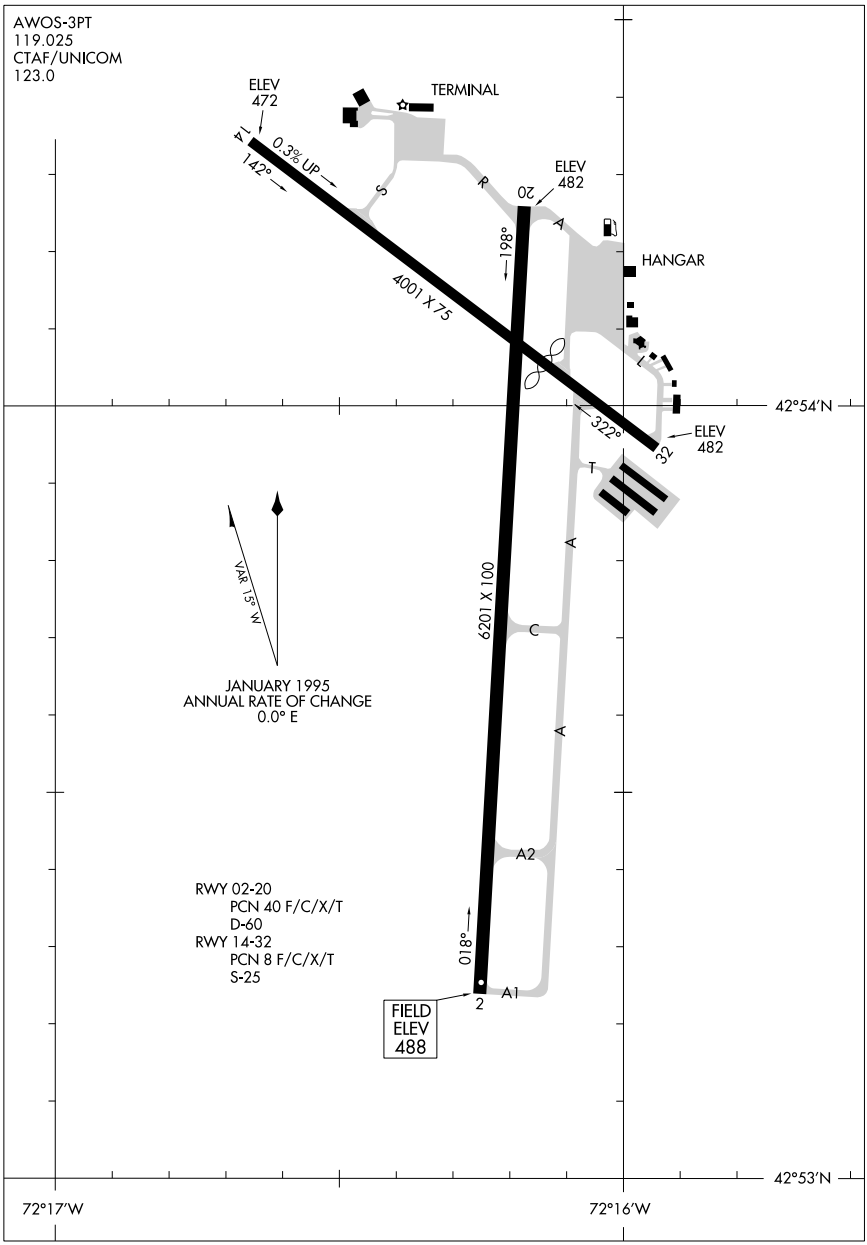
JOINT BASE ANDREWS (ANDREWS AFB) (KADW)

26134

AIRPORT DIAGRAM

AL-868 (FAA)

DILLANT/HOPKINS (EEN)
KEENE, NEW HAMPSHIRE



AIRPORT DIAGRAM

26134

KEENE, NEW HAMPSHIRE
DILLANT/HOPKINS (EEN)

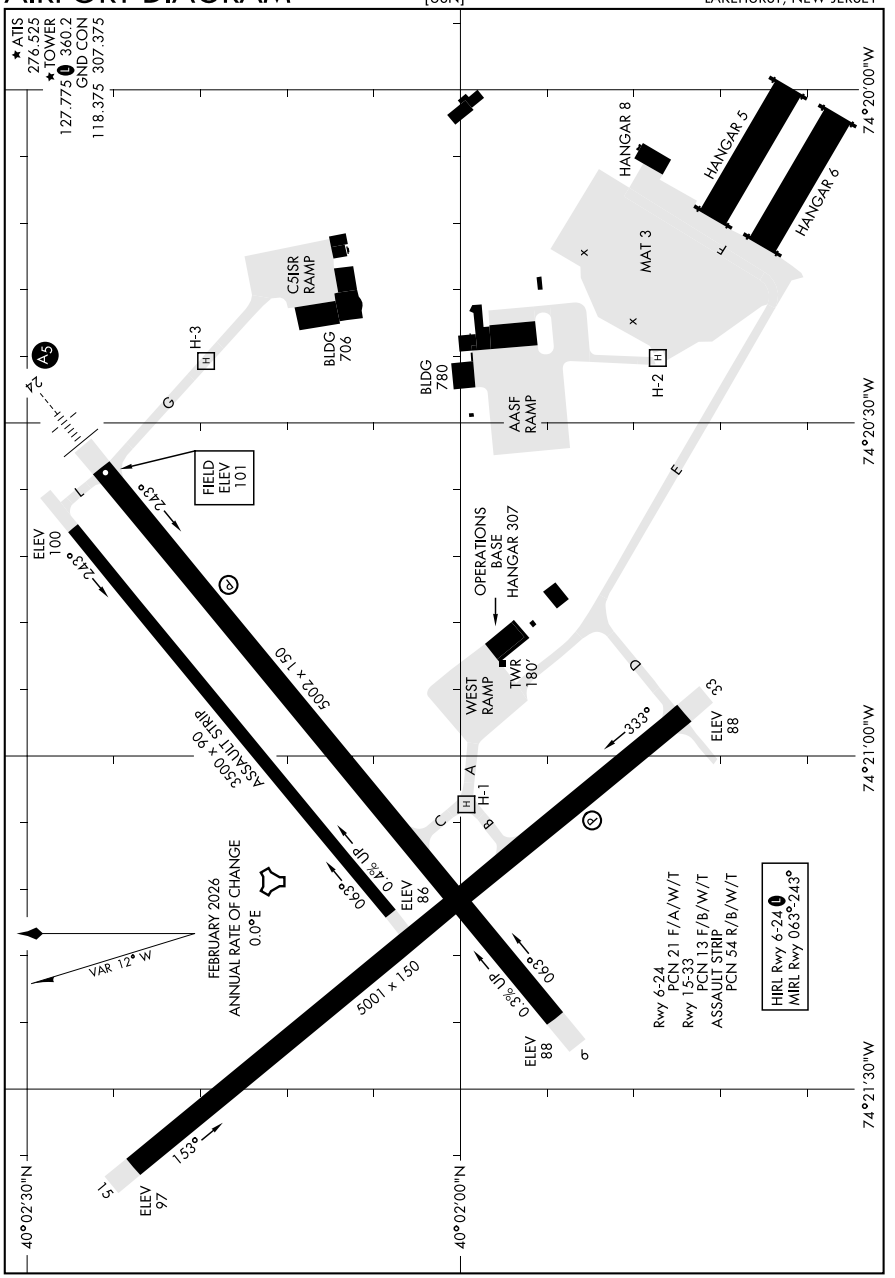
26134

AIRPORT DIAGRAM

LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

[USN]

LAKEHURST, NEW JERSEY



AIRPORT DIAGRAM

LAKEHURST, NEW JERSEY

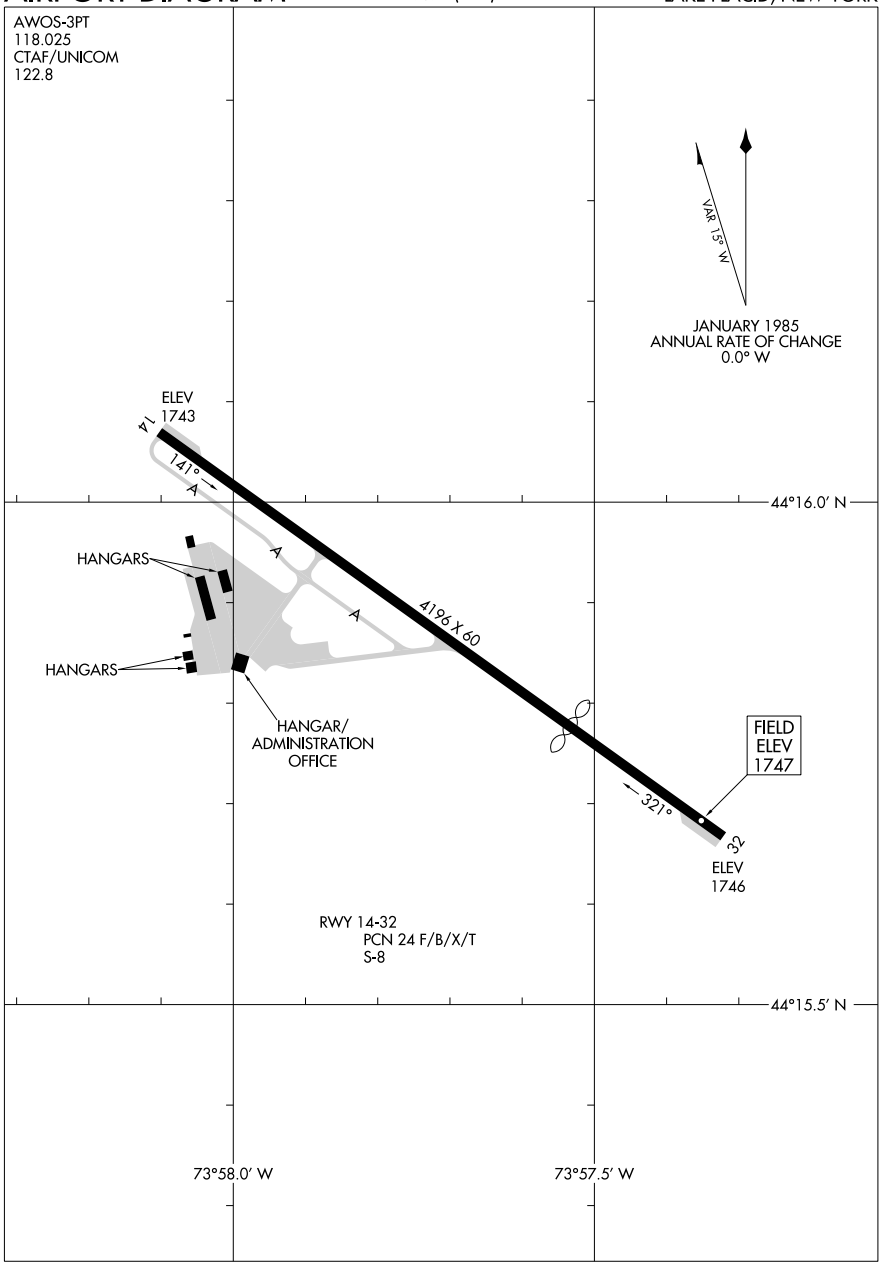
LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

26134

AIRPORT DIAGRAM

AL-9371 (FAA)

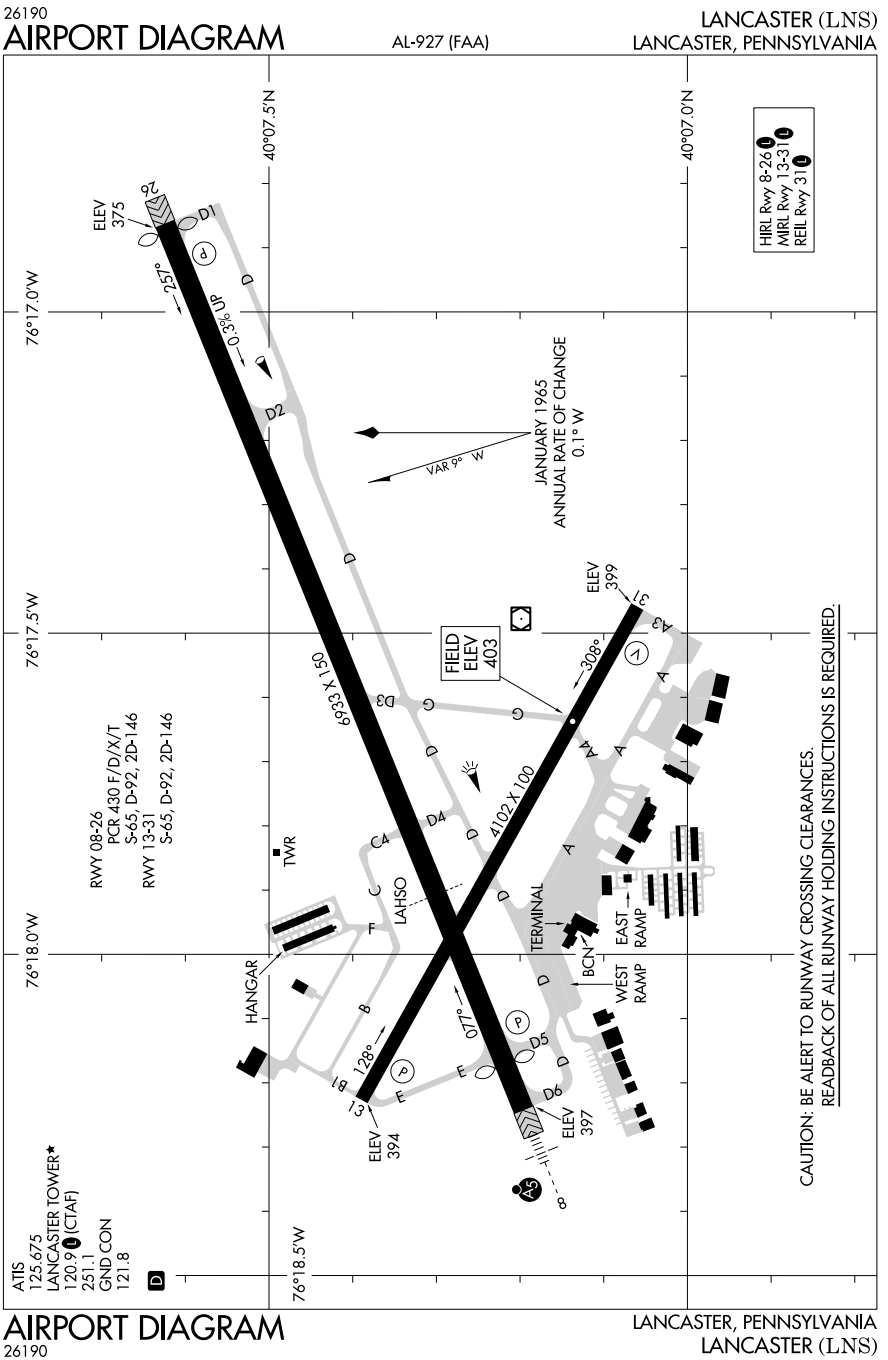
LAKE PLACID (LKP)
LAKE PLACID, NEW YORK

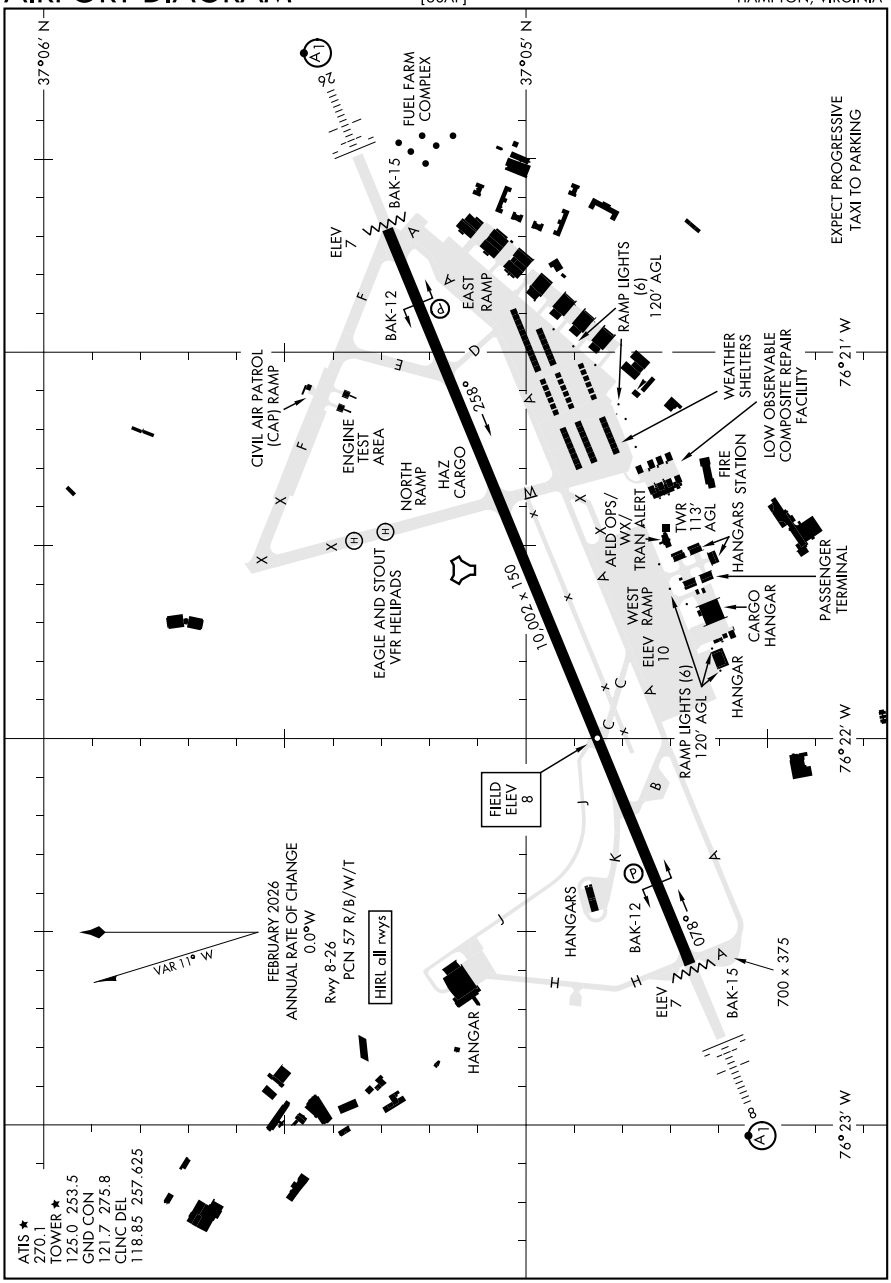


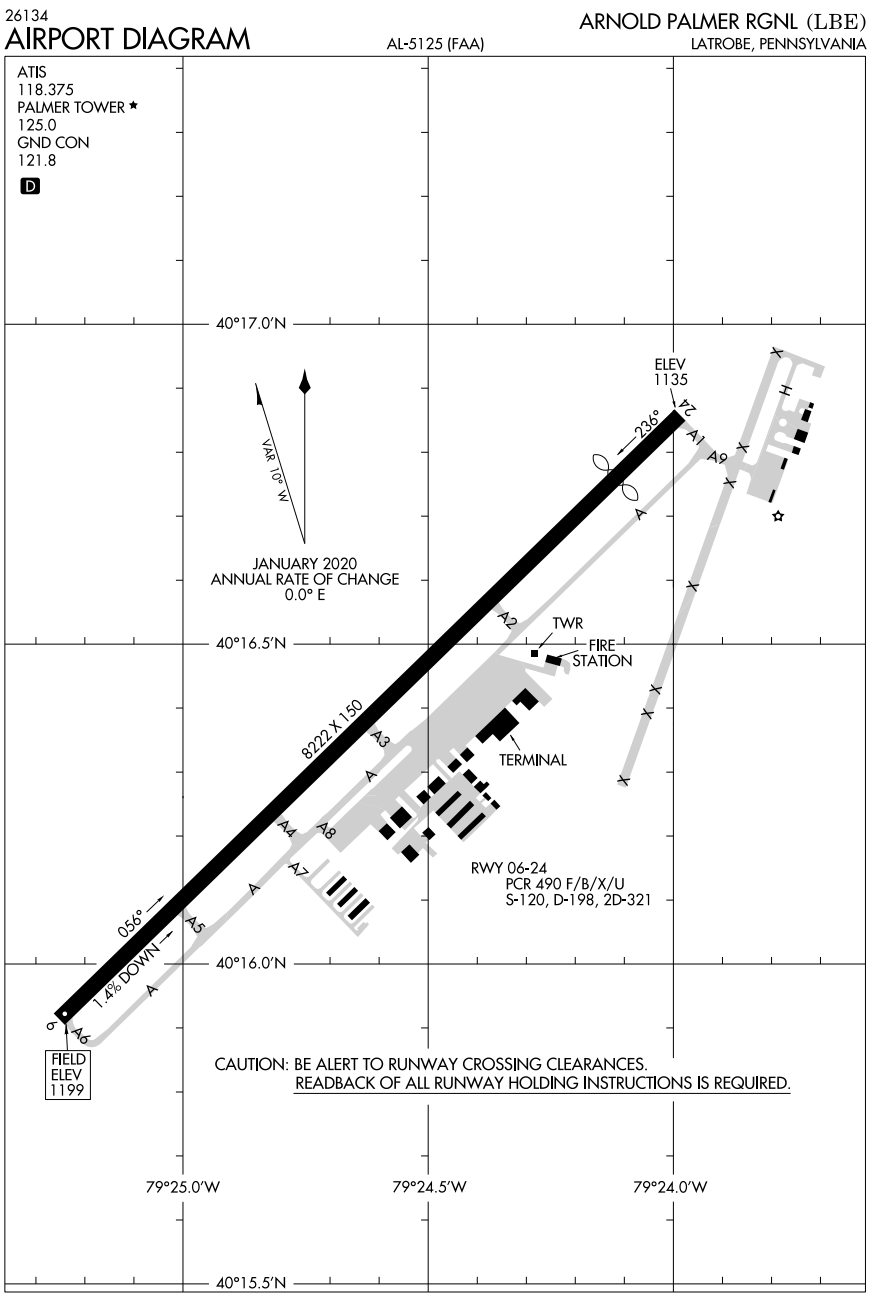
AIRPORT DIAGRAM

26134

LAKE PLACID, NEW YORK
LAKE PLACID (LKP)


26190
AIRPORT DIAGRAM
AL-927 (FAA)
LANCASTER (LNS)
LANCASTER, PENNSYLVANIA
40°07.5'N
40°07.0'N
76°17.0'W
76°17.5'W
76°18.0'W
76°18.5'W
HIRL Rwy 8-26
MIRL Rwy 13-31
REIL Rwy 31
ELEV 375
26
257°
0.3% UP
D1
D2
VAR 9° W
JANUARY 1965
ANNUAL RATE OF CHANGE
0.1° W
ELEV 399
31
308°
FIELD ELEV 403
6933 X 150
4102 X 100
RWY 08-26
PCR 430 F/D/X/T
S-65, D-92, 2D-146
RWY 13-31
S-65, D-92, 2D-146
TWR
LAHSO
HANGAR
TERMINAL
BCN
EAST RAMP
WEST RAMP
128°
077°
13
ELEV 394
ELEV 397
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ATIS
125.675
LANCASTER TOWER*
120.9 (CTAF)
251.1
GND CON
121.8
D
AIRPORT DIAGRAM
26190
LANCASTER, PENNSYLVANIA
LANCASTER (LNS)


26190
AIRPORT DIAGRAM
[USAF]
LANGLEY AFB (KLFI)
HAMPTON, VIRGINIA
37°06′ N
37°05′ N
76°21′ W
76°22′ W
76°23′ W
FUEL FARM COMPLEX
BAK-15
ELEV 7
BAK-12
EAST RAMP
RAMP LIGHTS (6) 120′ AGL
EXPECT PROGRESSIVE TAXI TO PARKING
CIVIL AIR PATROL (CAP) RAMP
ENGINE TEST AREA
NORTH RAMP
HAZ CARGO
128°
WEATHER SHELTERS
LOW OBSERVABLE COMPOSITE REPAIR FACILITY
FIRE STATION
AFLD OPS/ WX/ TRAN ALERT
TWR 113′ AGL
HANGARS
EAGLE AND STOUT VFR HELIPADS
10,002 x 150
WEST RAMP
ELEV 10
CARGO HANGAR
PASSENGER TERMINAL
HANGAR
RAMP LIGHTS (6) 120′ AGL
FIELD ELEV 8
HANGARS
BAK-12
ELEV 7
078°
BAK-15
700 x 375
HANGAR
FEBRUARY 2026
ANNUAL RATE OF CHANGE
0.0°W
Rwy 8-26
PCN 57 R/B/W/T
HIRL all rwys
VAR 11° W
ATIS ★ 270.1
TOWER ★ 125.0 253.5
GND CON 121.7 275.8
CLNC DEL 118.85 257.625
AIRPORT DIAGRAM
HAMPTON, VIRGINIA
LANGLEY AFB (KLFI)

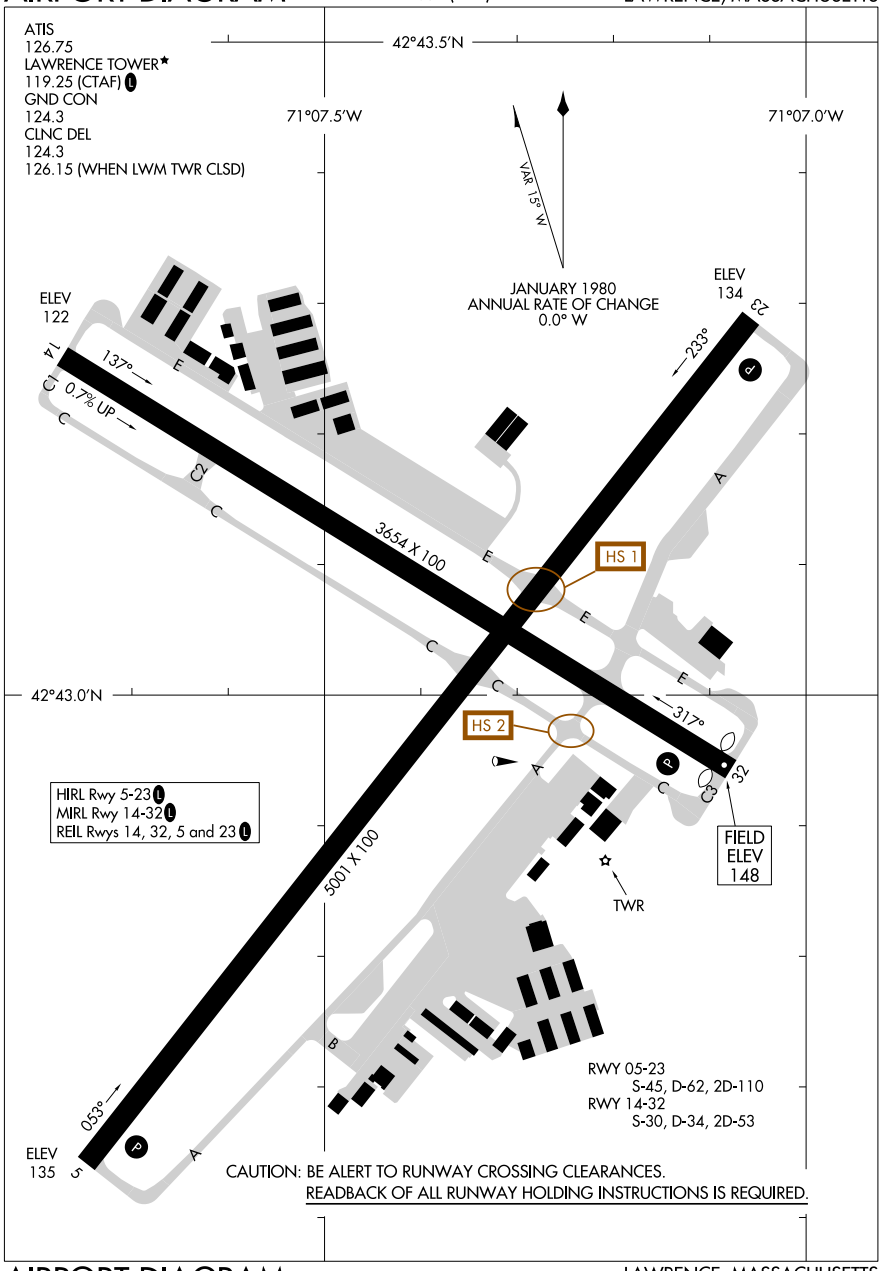

26134
AIRPORT DIAGRAM
AL-5125 (FAA)
ARNOLD PALMER RGNL (LBE)
LATROBE, PENNSYLVANIA
ATIS
118.375
PALMER TOWER ★
125.0
GND CON
121.8
D
40°17.0'N
ELEV
1135
24
236°
VAR 10° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° E
A1
A9
A2
TWR
FIRE
STATION
8222 X 150
A3
TERMINAL
A4
A8
A7
RWY 06-24
PCR 490 F/B/X/U
S-120, D-198, 2D-321
056°
1.4% DOWN
A5
40°16.0'N
A6
FIELD
ELEV
1199
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
79°25.0'W
79°24.5'W
79°24.0'W
40°15.5'N
AIRPORT DIAGRAM
26134
LATROBE, PENNSYLVANIA
ARNOLD PALMER RGNL (LBE)

26134

AIRPORT DIAGRAM

AL-654 (FAA)

LAWRENCE MUNI (LWM)
LAWRENCE, MASSACHUSETTS



AIRPORT DIAGRAM

26134

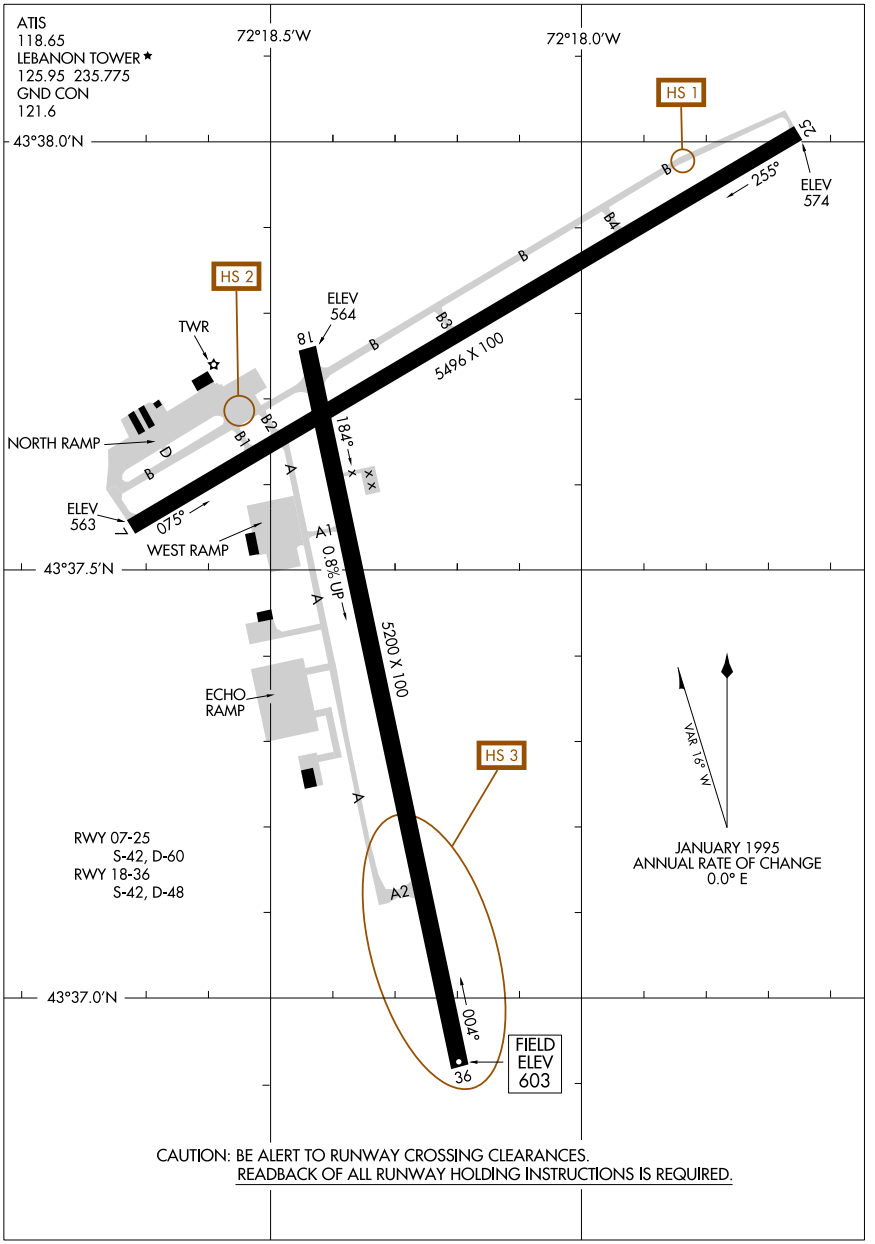
LAWRENCE, MASSACHUSETTS
LAWRENCE MUNI (LWM)

26134

AIRPORT DIAGRAM

AL-859 (FAA)

LEBANON MUNI (LEB)
LEBANON, NEW HAMPSHIRE



AIRPORT DIAGRAM

LEBANON, NEW HAMPSHIRE
LEBANON MUNI (LEB)

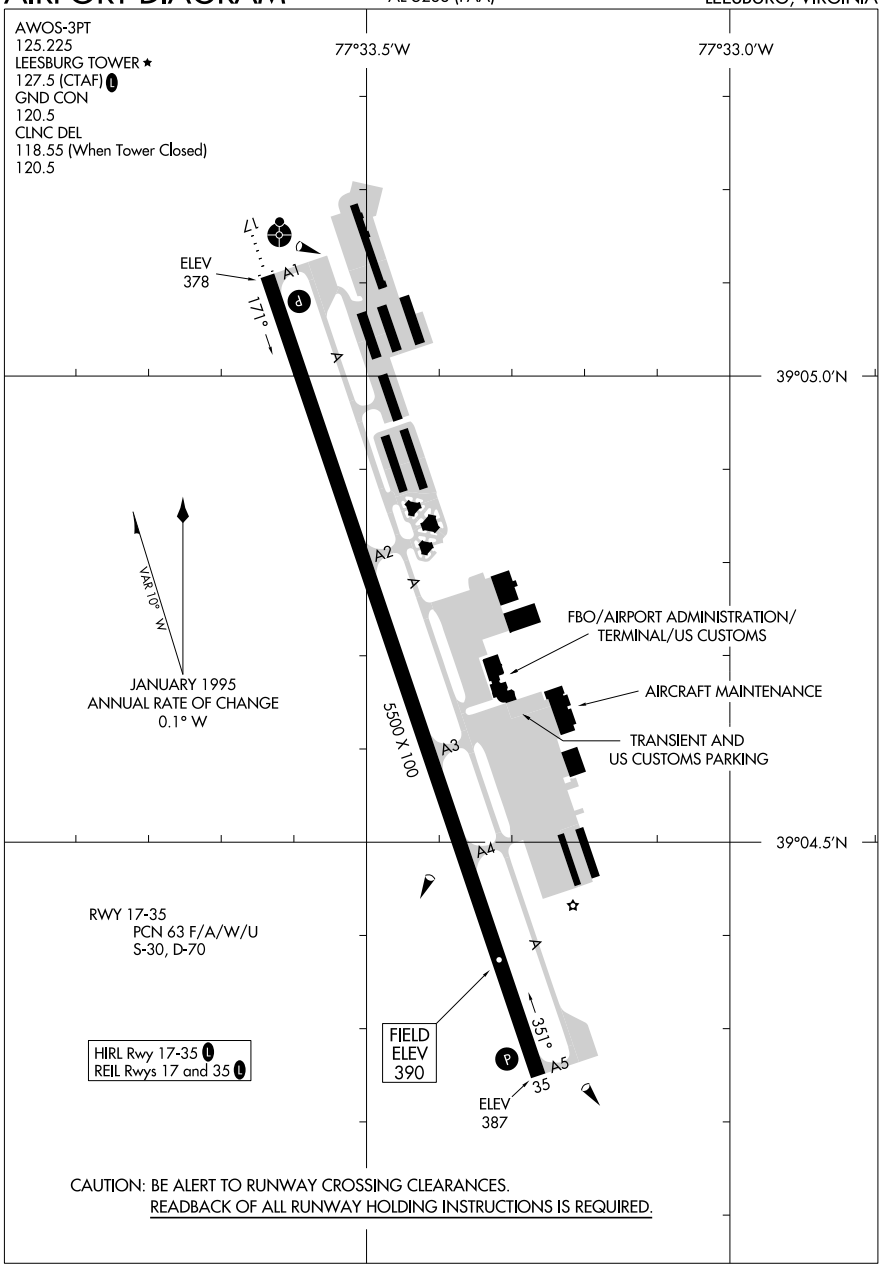
26134

26246

AIRPORT DIAGRAM

AL-5288 (FAA)

LEESBURG EXEC (JYO)
LEESBURG, VIRGINIA



AIRPORT DIAGRAM
26246

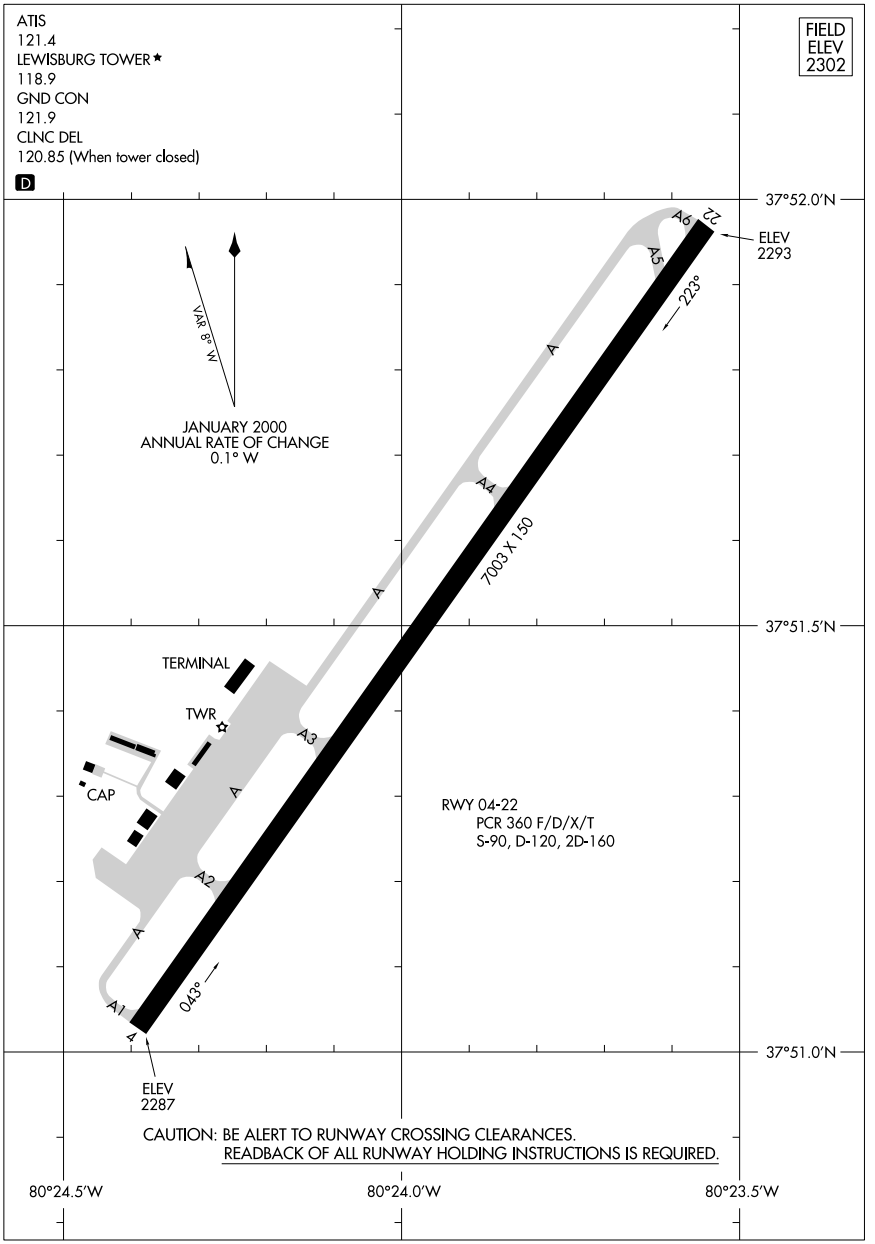
LEESBURG, VIRGINIA
LEESBURG EXEC (JYO)

26134

AIRPORT DIAGRAM

AL-5601 (FAA)

GREENBRIER VALLEY (LWB)
LEWISBURG, WEST VIRGINIA



AIRPORT DIAGRAM

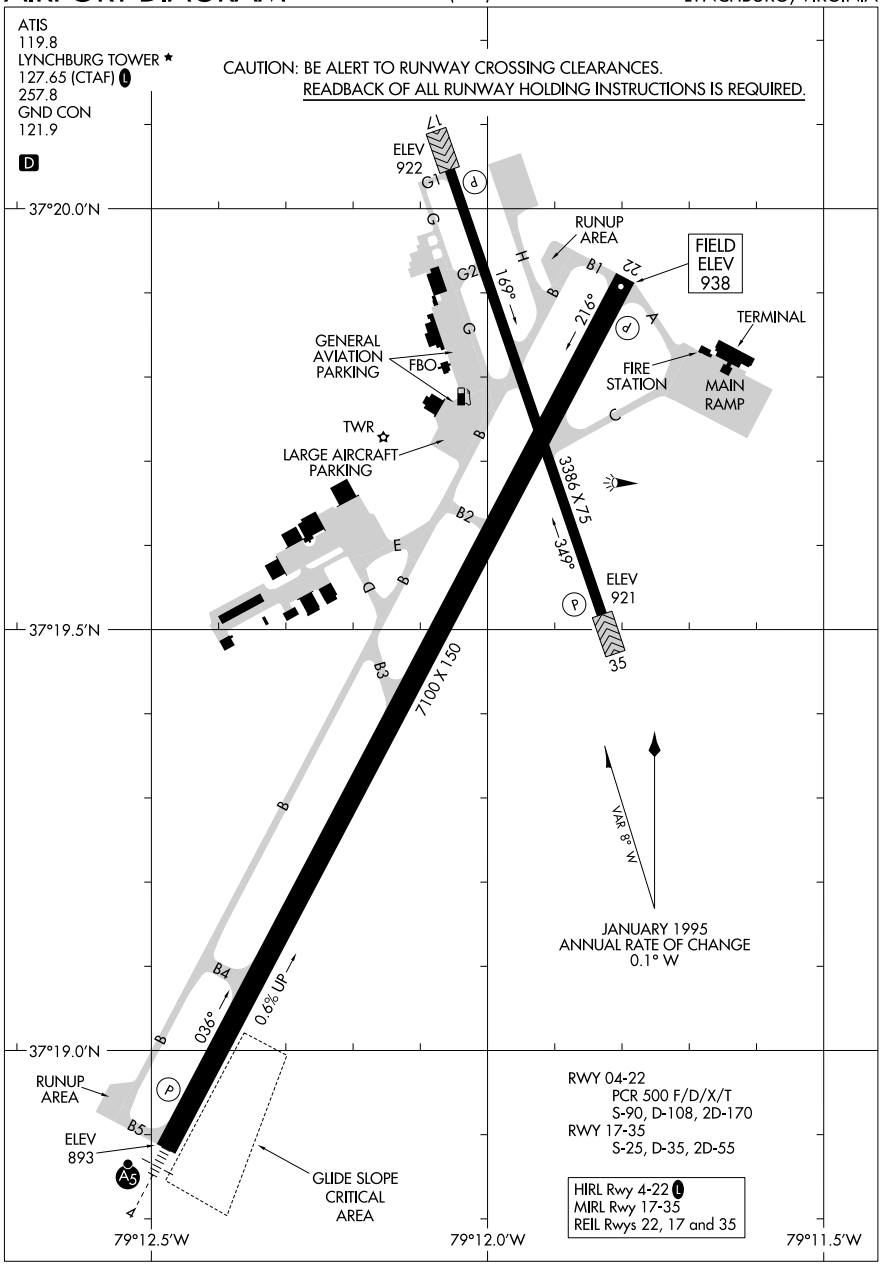
26134

LEWISBURG, WEST VIRGINIA
GREENBRIER VALLEY (LWB)

26134

AIRPORT DIAGRAM

LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)
AL-499 (FAA)
LYNCHBURG, VIRGINIA



RWY 04-22
PCR 500 F/D/X/T
S-90, D-108, 2D-170
RWY 17-35
S-25, D-35, 2D-55

HIRL Rwy 4-22 L
MIRL Rwy 17-35
REIL Rwys 22, 17 and 35

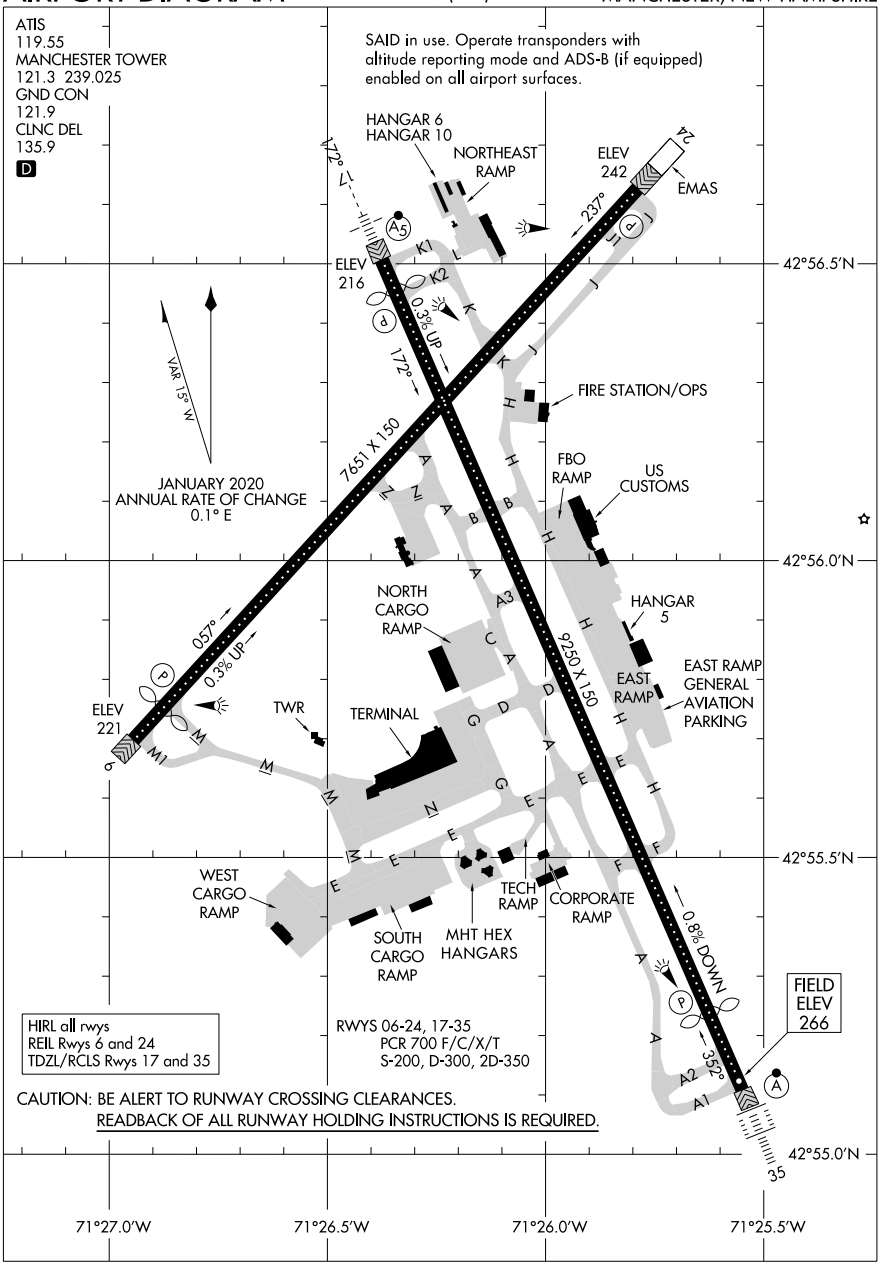
AIRPORT DIAGRAM
26134
LYNCHBURG, VIRGINIA
LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)

26134

AIRPORT DIAGRAM

AL-246 (FAA)

MANCHESTER BOSTON RGNL (MHT)
MANCHESTER, NEW HAMPSHIRE



AIRPORT DIAGRAM
26134

MANCHESTER, NEW HAMPSHIRE
MANCHESTER BOSTON RGNL (MHT)

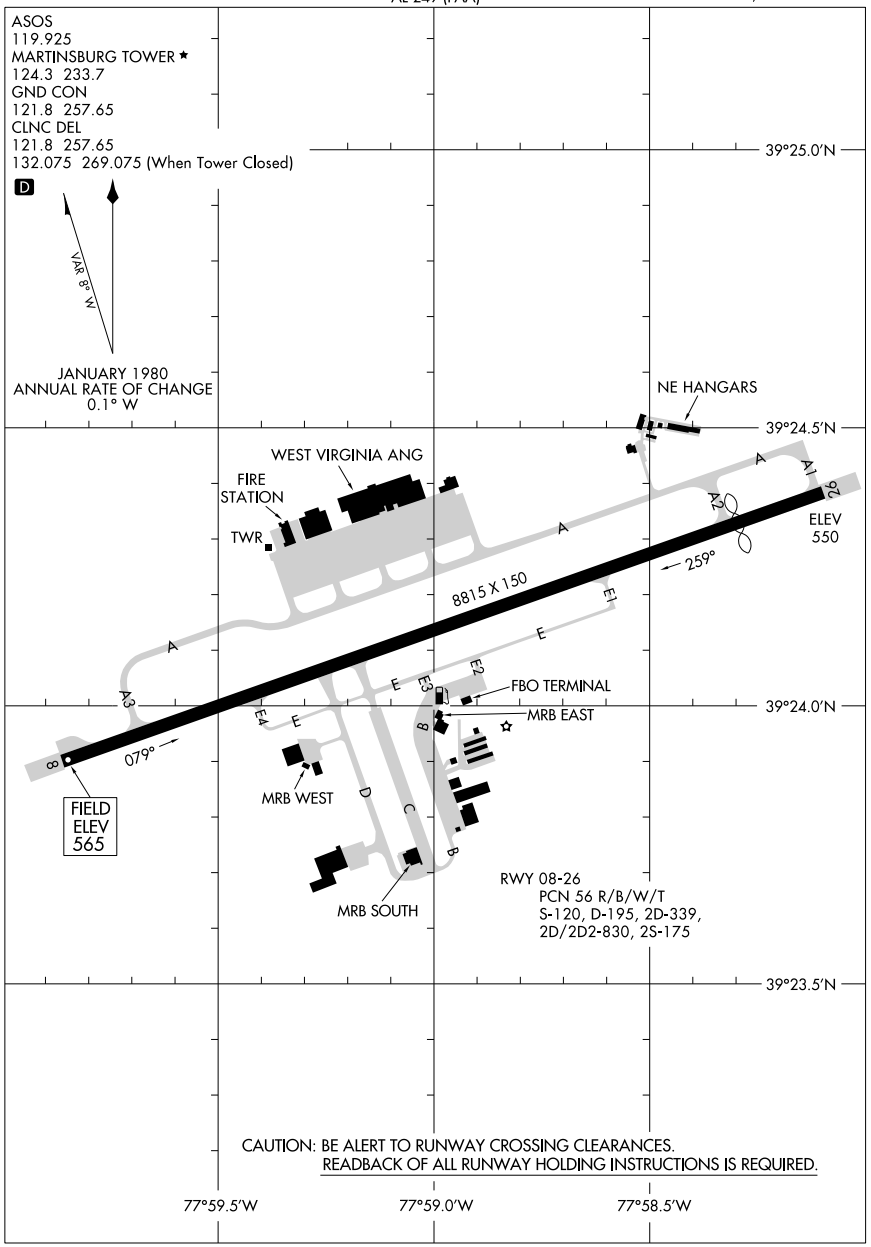
26246

AIRPORT DIAGRAM

EASTERN WV RGNL/SHEPHERD FLD (MRB)

AL-249 (FAA)

MARTINSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

26246

MARTINSBURG, WEST VIRGINIA

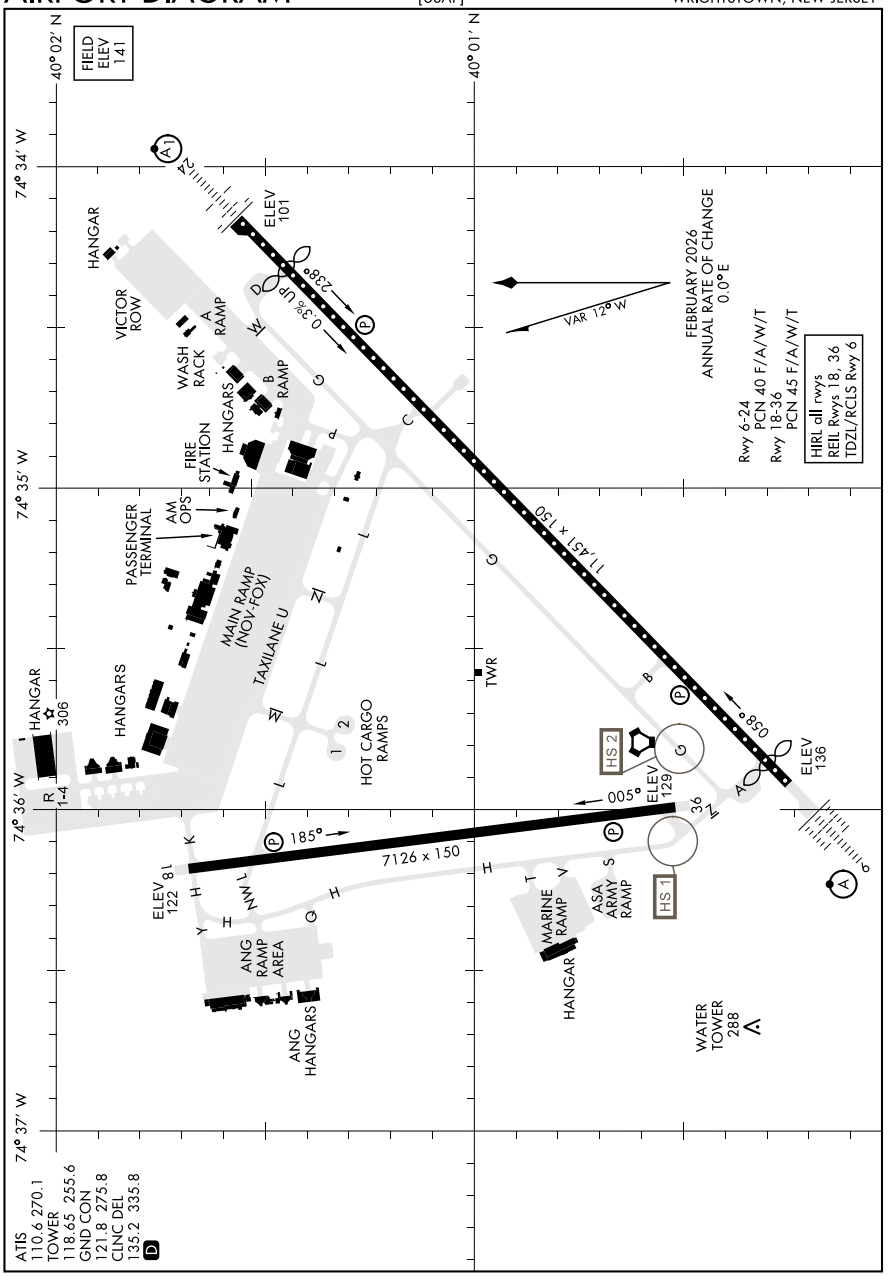
EASTERN WV RGNL/SHEPHERD FLD (MRB)

26106

AIRPORT DIAGRAM

MC GUIRE FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

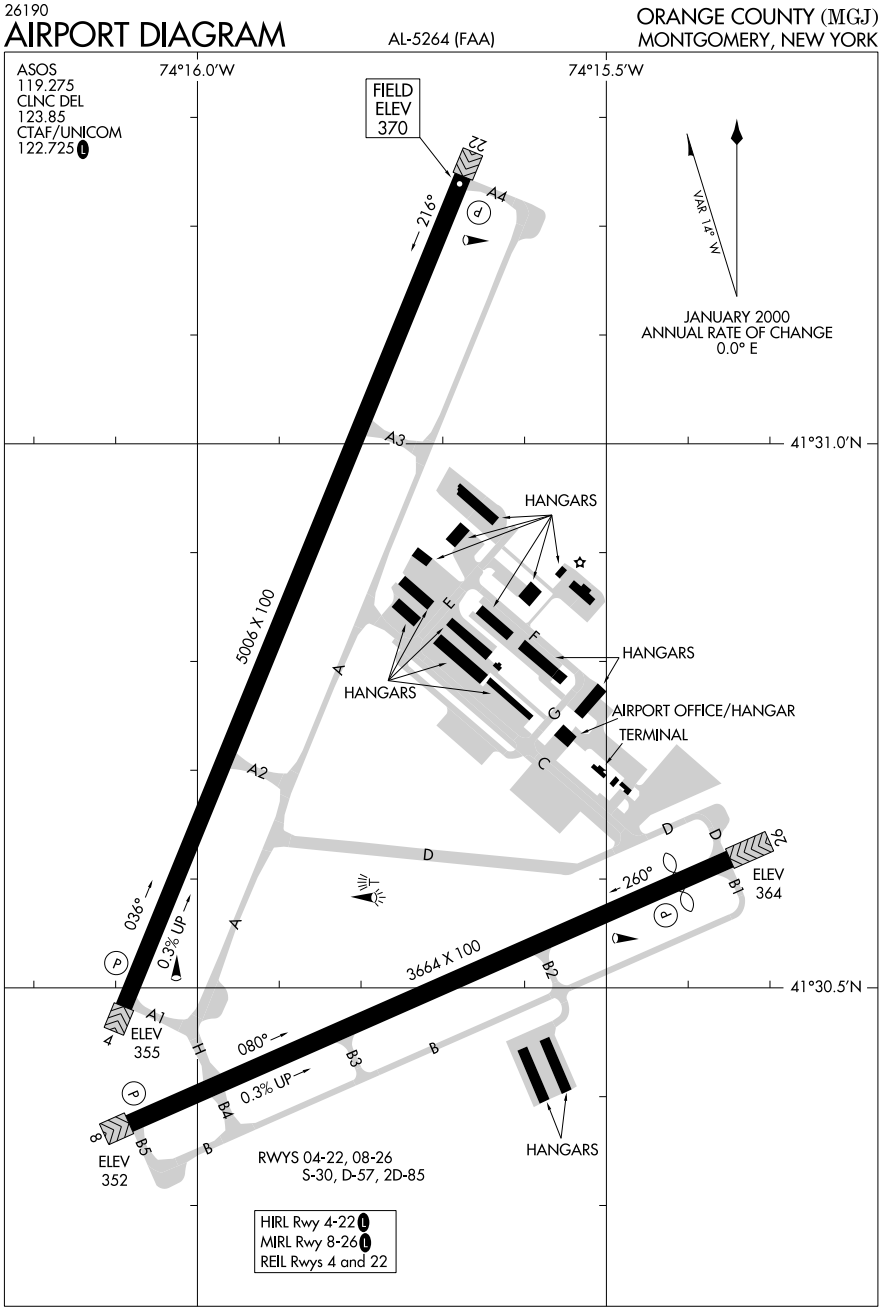
[USAF] WRIGHTSTOWN, NEW JERSEY



AIRPORT DIAGRAM

WRIGHTSTOWN, NEW JERSEY

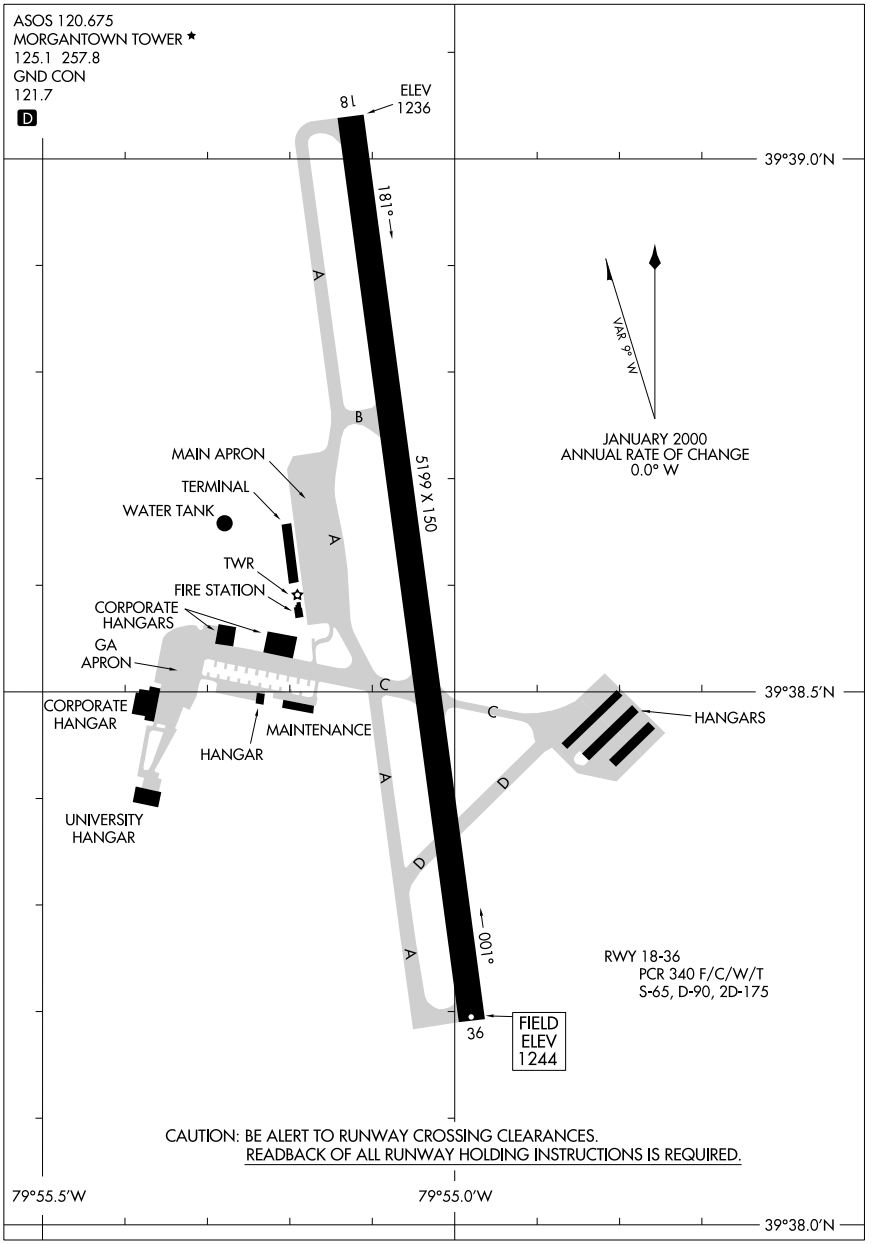
MC GUIRE FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)


26190
AIRPORT DIAGRAM
AL-5264 (FAA)
ORANGE COUNTY (MGJ)
MONTGOMERY, NEW YORK
ASOS
119.275
CLNC DEL
123.85
CTAF/UNICOM
122.725 L
74°16.0'W
74°15.5'W
FIELD
ELEV
370
216°
VAR 14° W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° E
41°31.0'N
HANGARS
5006 X 100
HANGARS
HANGARS
AIRPORT OFFICE/HANGAR
TERMINAL
036°
0.3% UP
260°
ELEV
364
3664 X 100
41°30.5'N
ELEV
355
080°
0.3% UP
ELEV
352
HANGARS
RWYS 04-22, 08-26
S-30, D-57, 2D-85
HIRL Rwy 4-22 L
MIRL Rwy 8-26 L
REIL Rwys 4 and 22
AIRPORT DIAGRAM
26190
MONTGOMERY, NEW YORK
ORANGE COUNTY (MGJ)

26134

AIRPORT DIAGRAM

MORGANTOWN MUNI/WALTER L BILL HART FLD (MGW)
AL-479 (FAA)
MORGANTOWN, WEST VIRGINIA



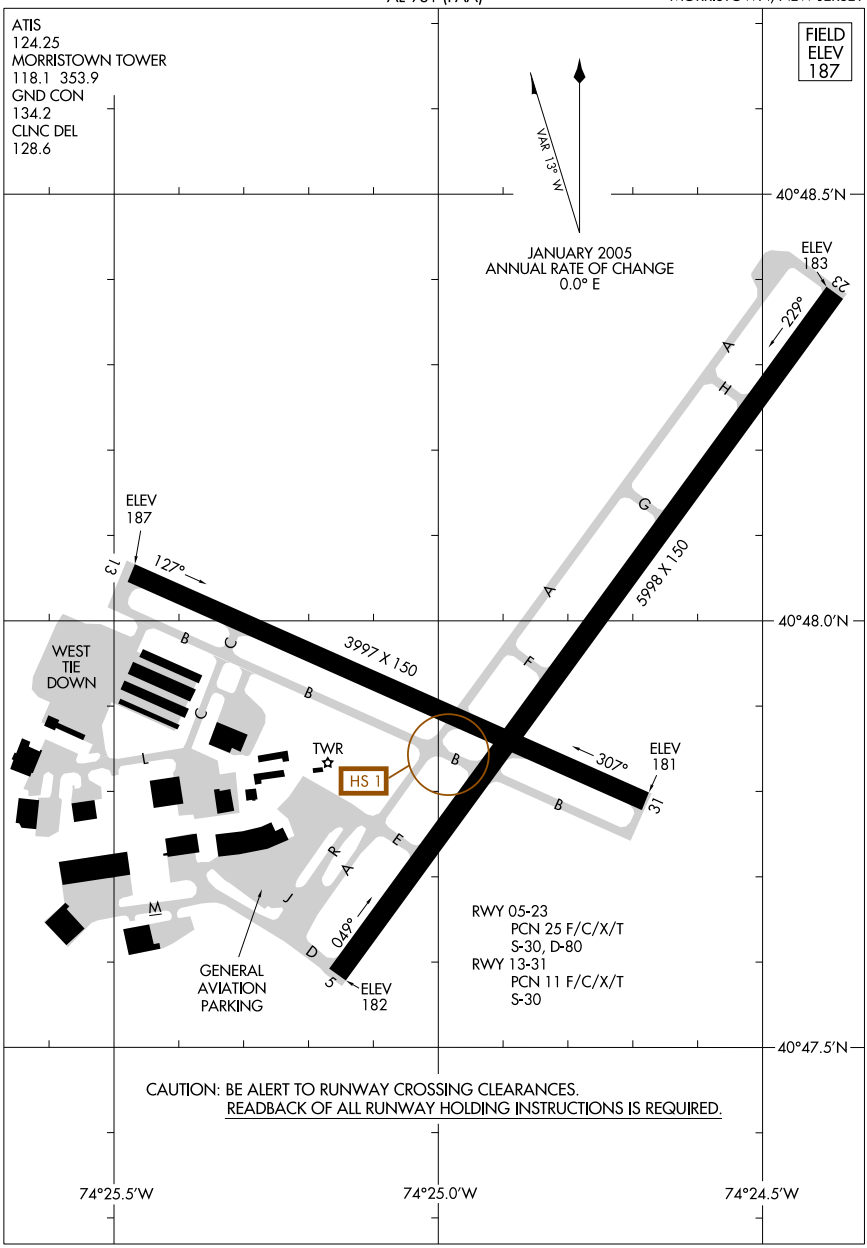
AIRPORT DIAGRAM
26134
MORGANTOWN, WEST VIRGINIA
MORGANTOWN MUNI/WALTER L BILL HART FLD (MGW)

26134

AIRPORT DIAGRAM

AL-931 (FAA)

MORRISTOWN MUNI (MMU)
MORRISTOWN, NEW JERSEY



AIRPORT DIAGRAM

26134

MORRISTOWN, NEW JERSEY
MORRISTOWN MUNI (MMU)

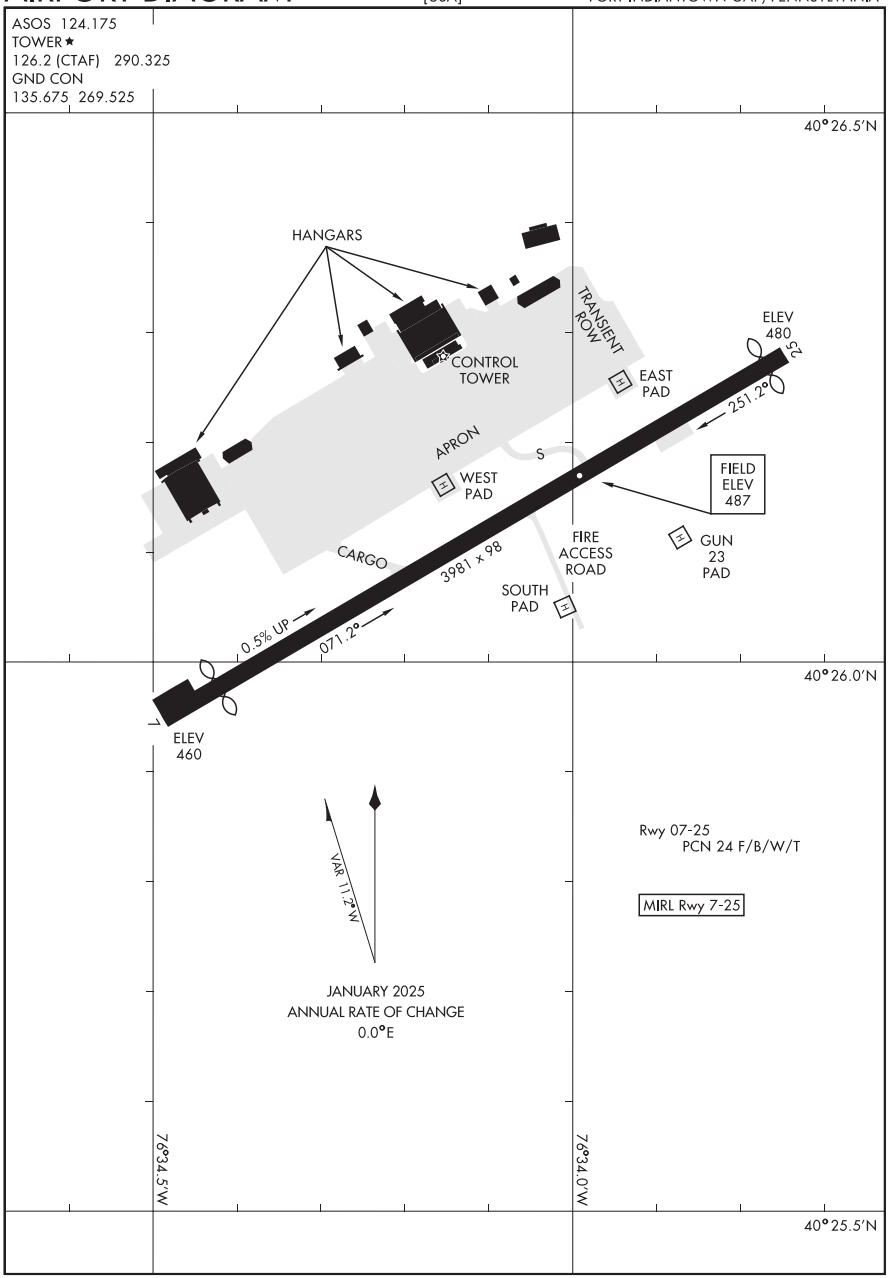
25247

AIRPORT DIAGRAM

MUIR AHP (FORT INDIANTOWN GAP) (KMUI)

[USA]

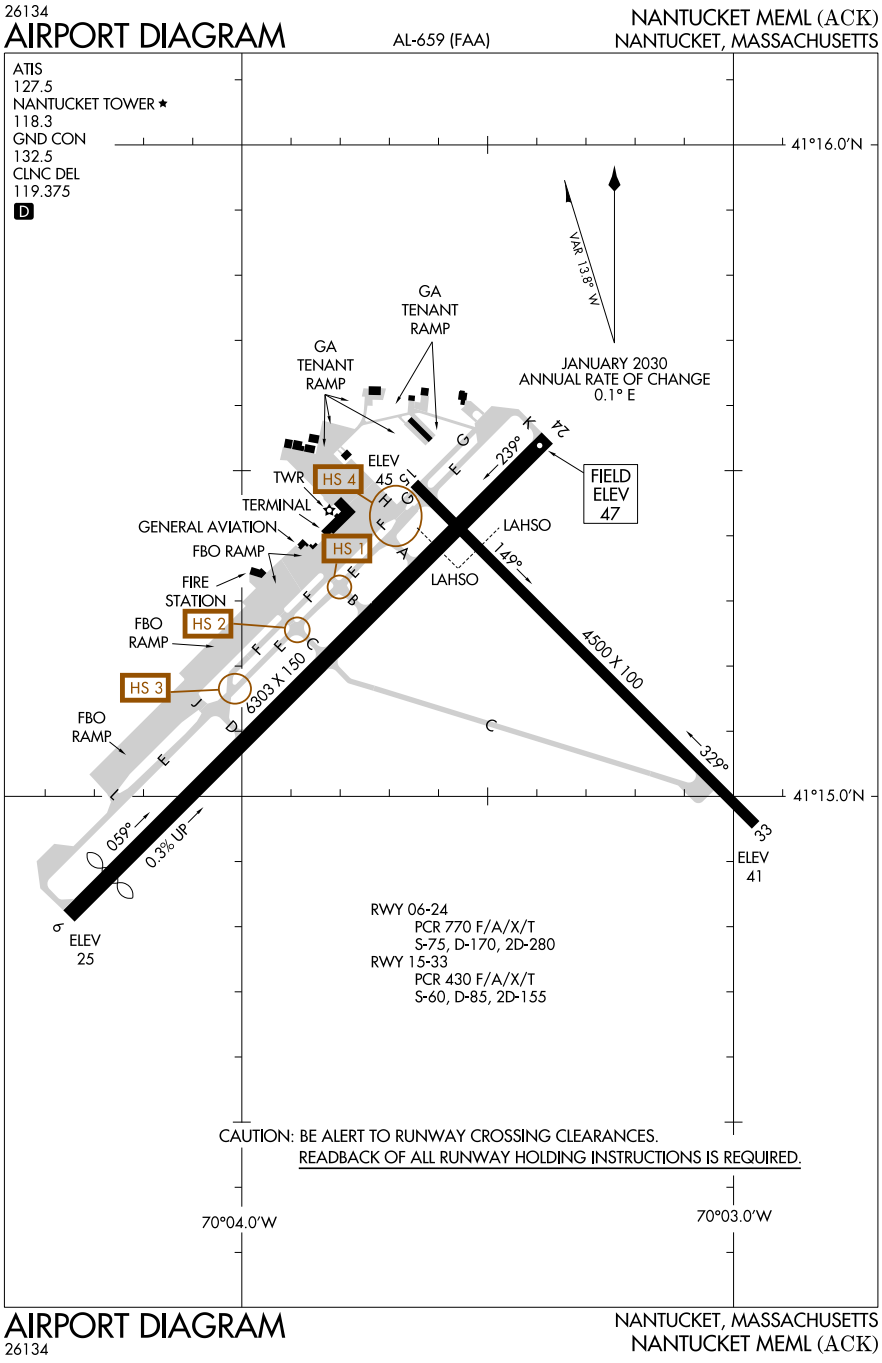
FORT INDIANTOWN GAP, PENNSYLVANIA

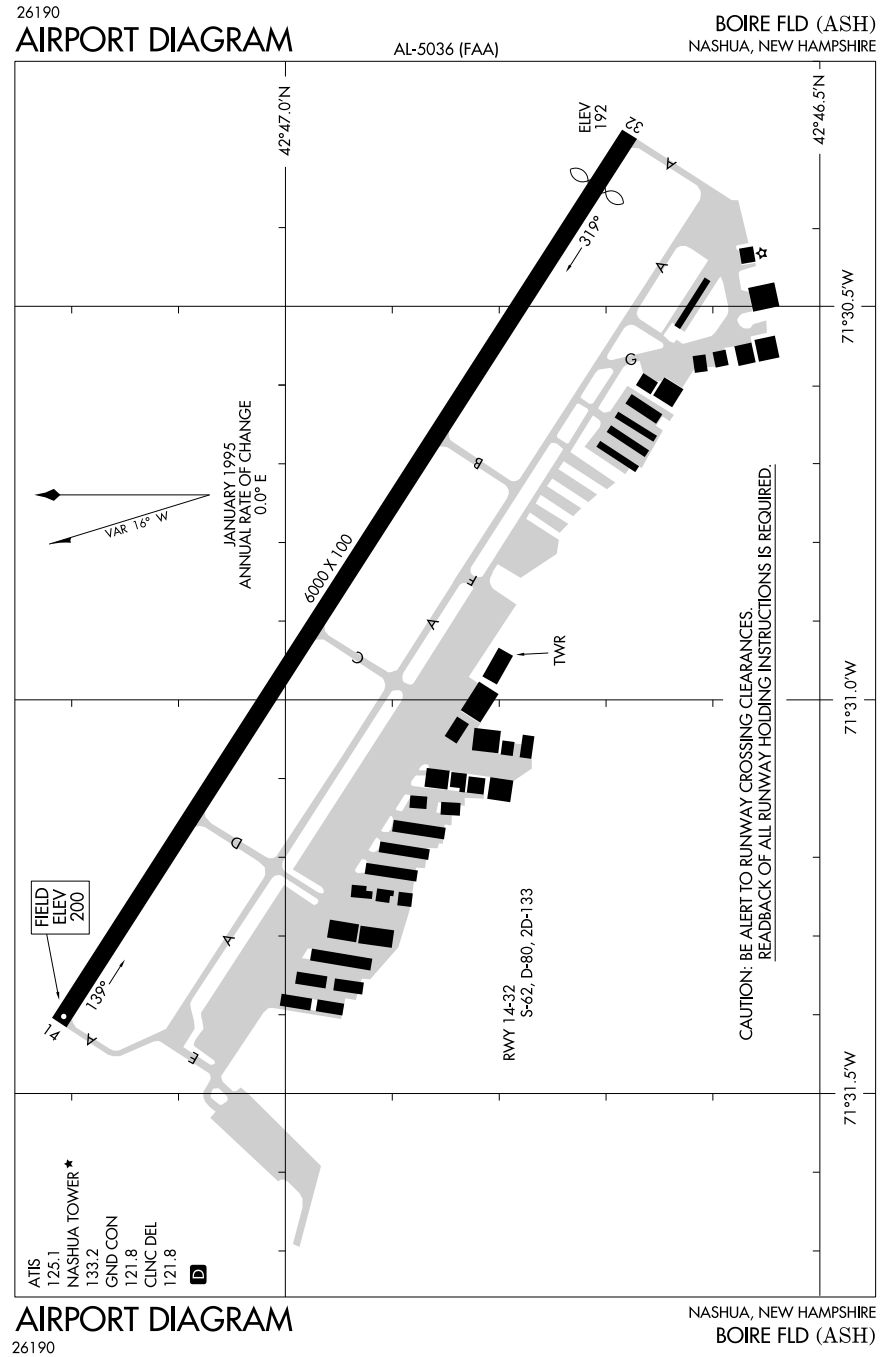


AIRPORT DIAGRAM

FORT INDIANTOWN GAP, PENNSYLVANIA

MUIR AHP (FORT INDIANTOWN GAP) (KMUI)


26134
AIRPORT DIAGRAM
AL-659 (FAA)
NANTUCKET MEML (ACK)
NANTUCKET, MASSACHUSETTS
ATIS
127.5
NANTUCKET TOWER ★
118.3
GND CON
132.5
CLNC DEL
119.375
D
41°16.0'N
VAR 13.8° W
JANUARY 2030
ANNUAL RATE OF CHANGE
0.1° E
GA
TENANT
RAMP
GA
TENANT
RAMP
ELEV
45
TWR
HS 4
TERMINAL
GENERAL AVIATION
FBO RAMP
HS 1
FIRE
STATION
FBO
RAMP
HS 2
HS 3
FBO
RAMP
239°
FIELD
ELEV
47
LAHSO
149°
LAHSO
4500 X 100
329°
6303 X 150
0.59°
0.3% UP
ELEV
25
ELEV
41
RWY 06-24
PCR 770 F/A/X/T
S-75, D-170, 2D-280
RWY 15-33
PCR 430 F/A/X/T
S-60, D-85, 2D-155
41°15.0'N
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
70°04.0'W
70°03.0'W
AIRPORT DIAGRAM
26134
NANTUCKET, MASSACHUSETTS
NANTUCKET MEML (ACK)

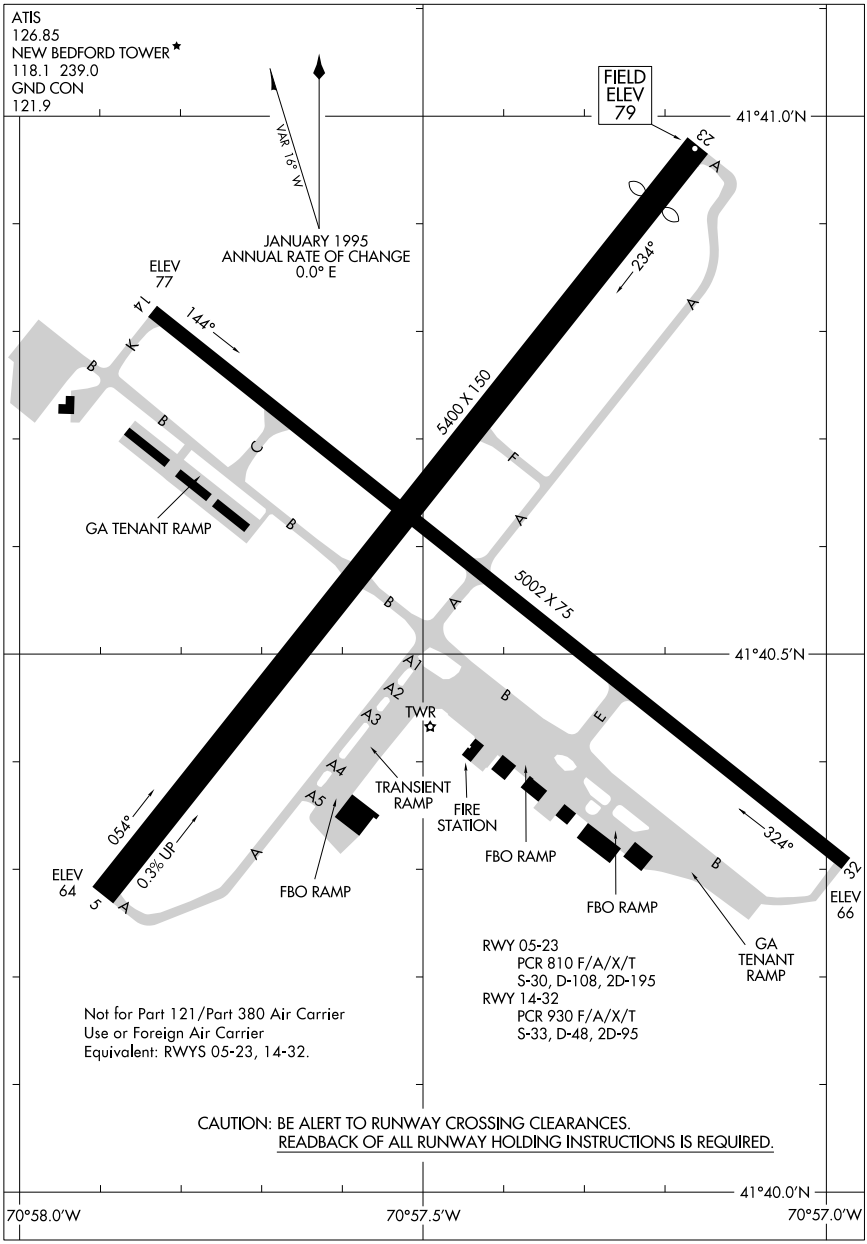

26190
AIRPORT DIAGRAM
AL-5036 (FAA)
BOIRE FLD (ASH)
NASHUA, NEW HAMPSHIRE
42°47.0'N
42°46.5'N
71°30.5'W
71°31.0'W
71°31.5'W
ELEV 192
31
13
319°
139°
6000 X 100
VAR 16° W
JANUARY 1995
ANNUAL RATE OF CHANGE
0.0° E
FIELD ELEV 200
TWR
RWY 14-32
S-62, D-80, 2D-133
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ATIS
125.1
NASHUA TOWER*
133.2
GND CON
121.8
CLNC DEL
121.8
D
AIRPORT DIAGRAM
26190
NASHUA, NEW HAMPSHIRE
BOIRE FLD (ASH)

26134

AIRPORT DIAGRAM

AL-644 (FAA)

NEW BEDFORD RGNL (EWB)
NEW BEDFORD, MASSACHUSETTS



AIRPORT DIAGRAM

26134

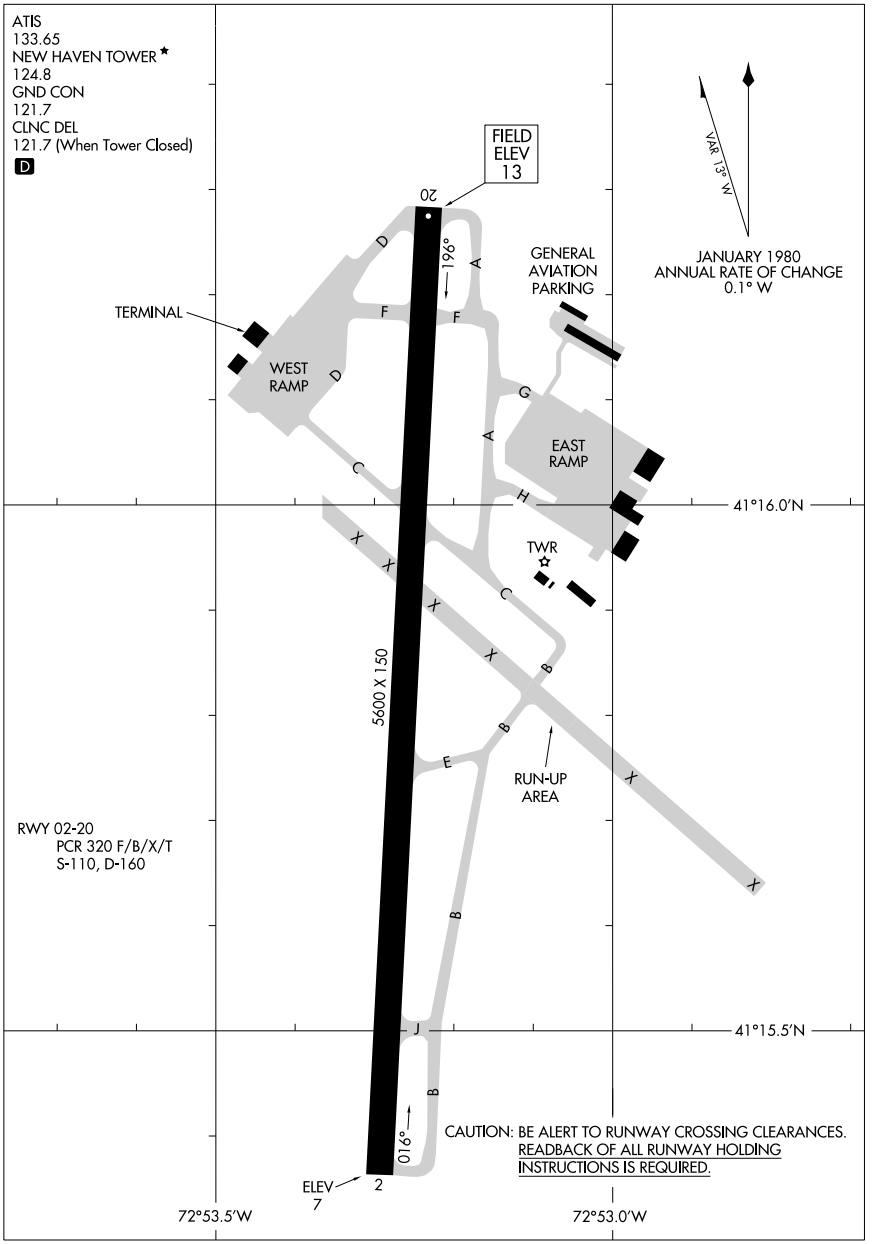
NEW BEDFORD, MASSACHUSETTS
NEW BEDFORD RGNL (EWB)

26134

AIRPORT DIAGRAM

AL-671 (FAA)

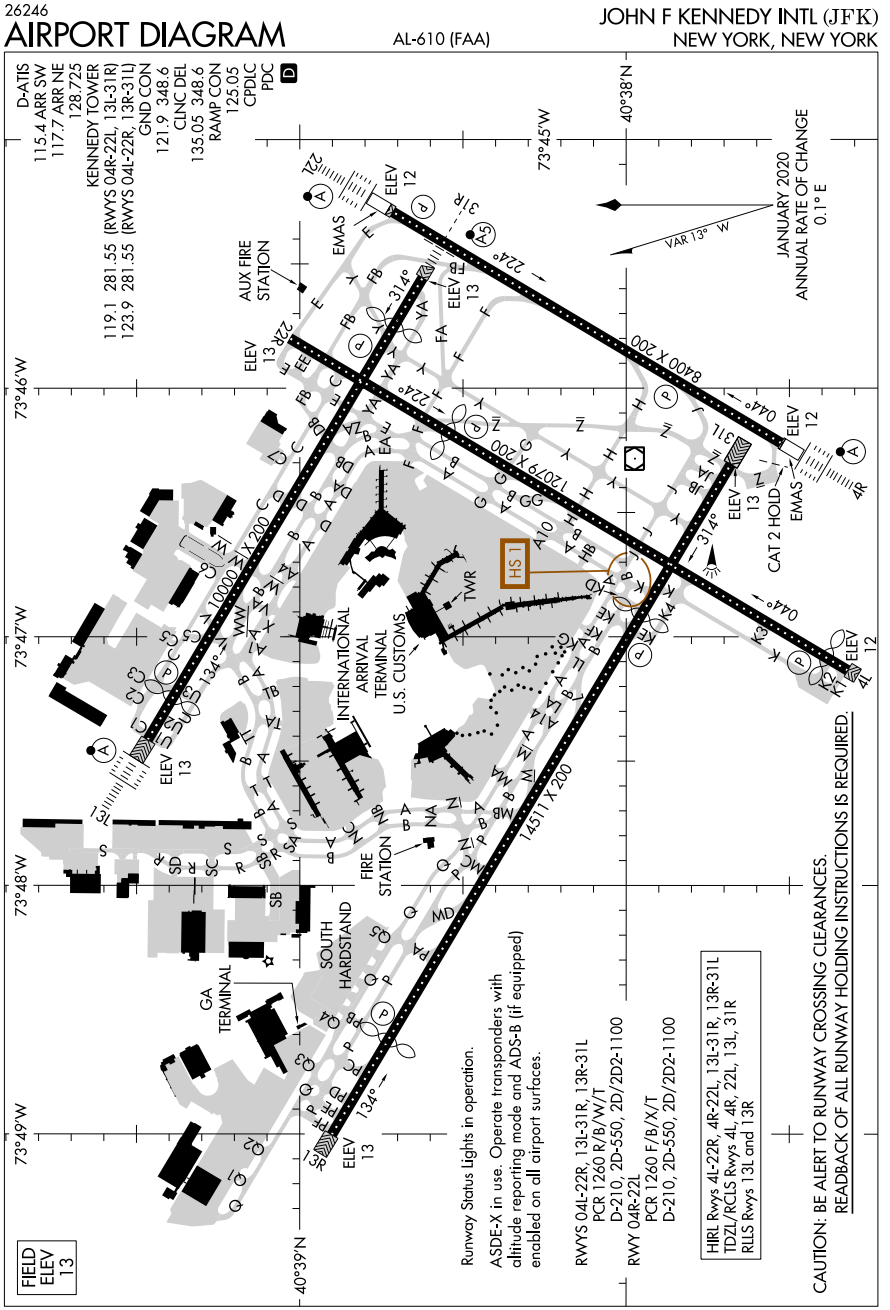
TWEED/NEW HAVEN (HVN)
NEW HAVEN, CONNECTICUT

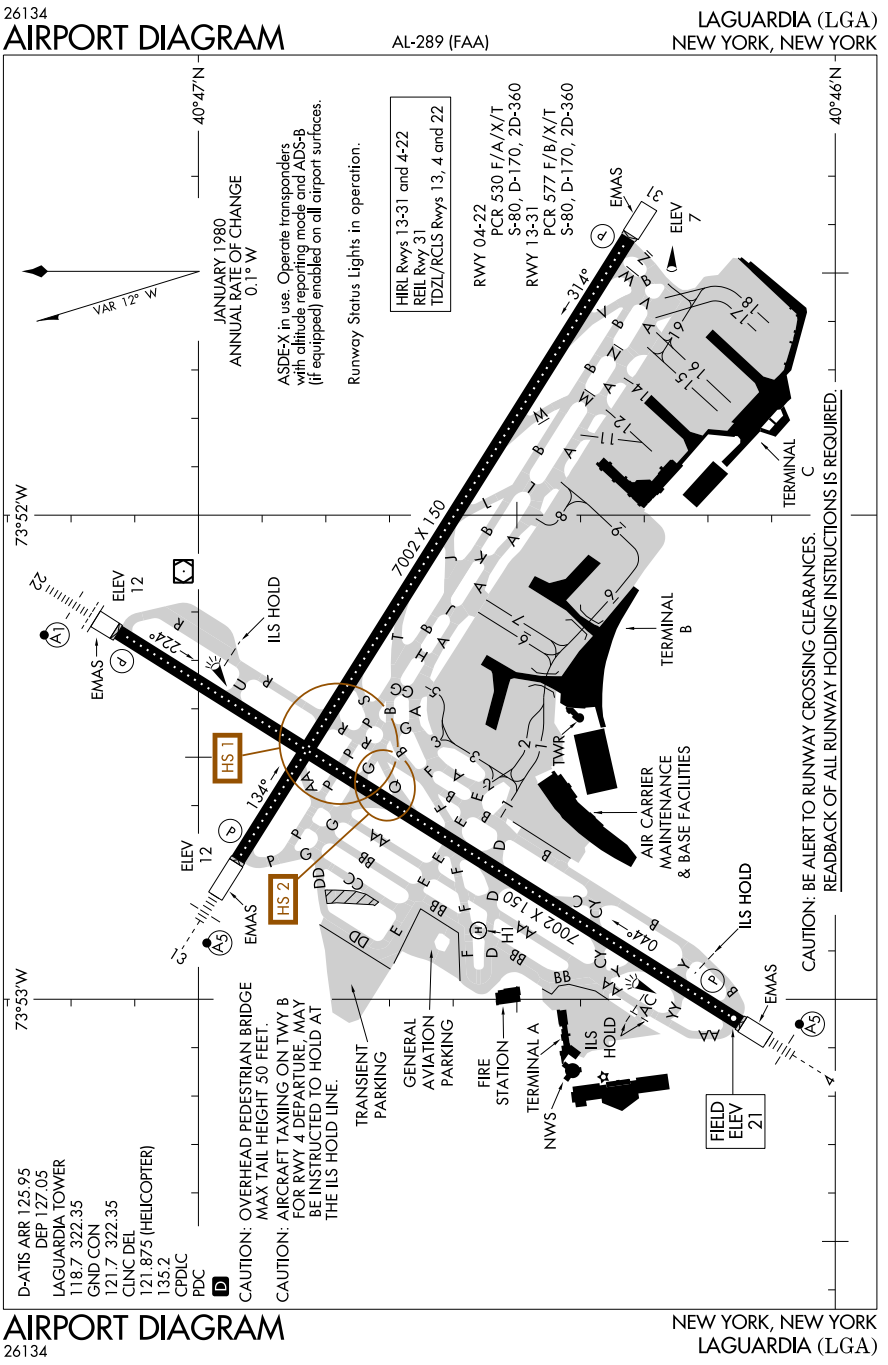


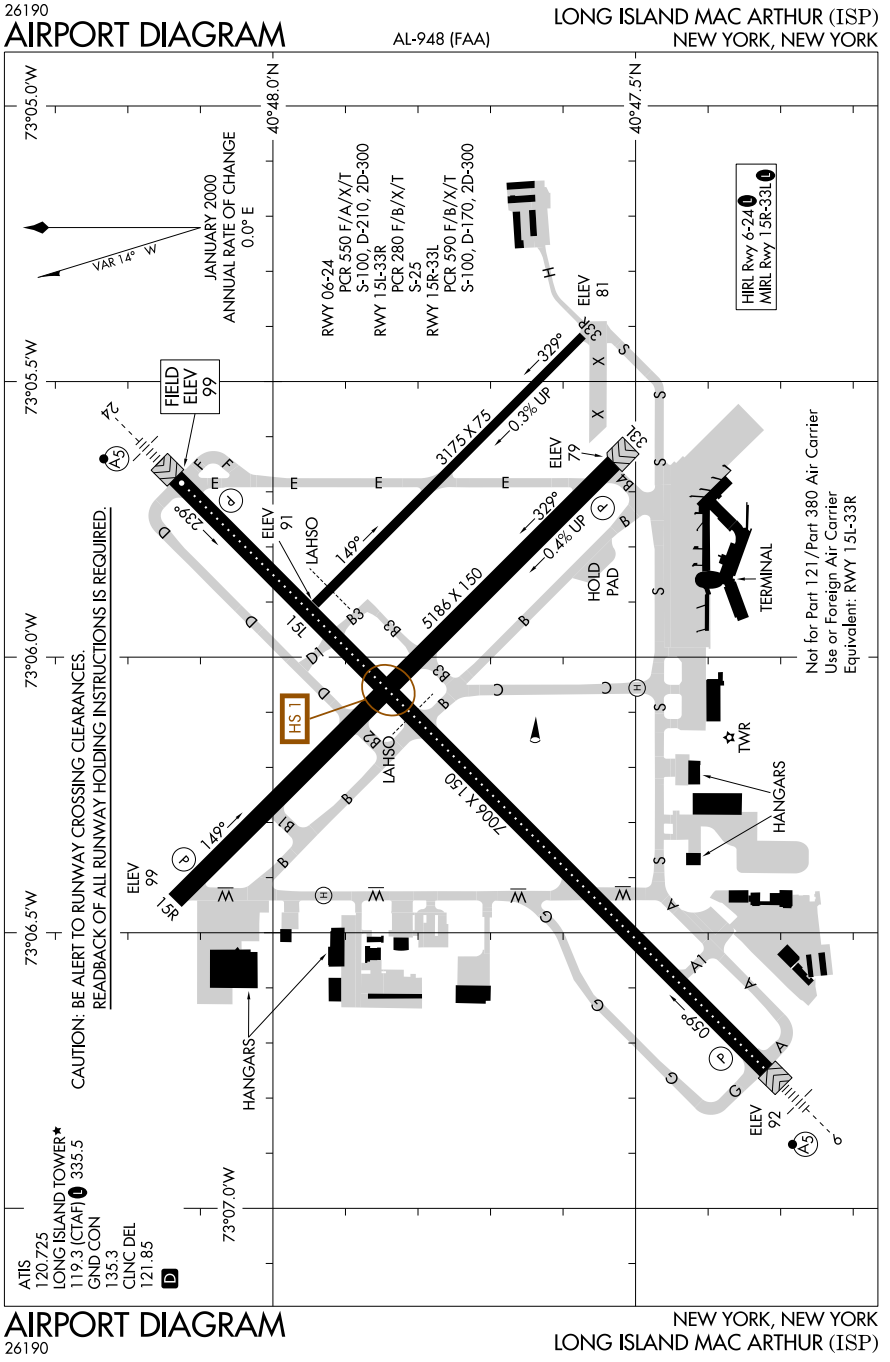
AIRPORT DIAGRAM

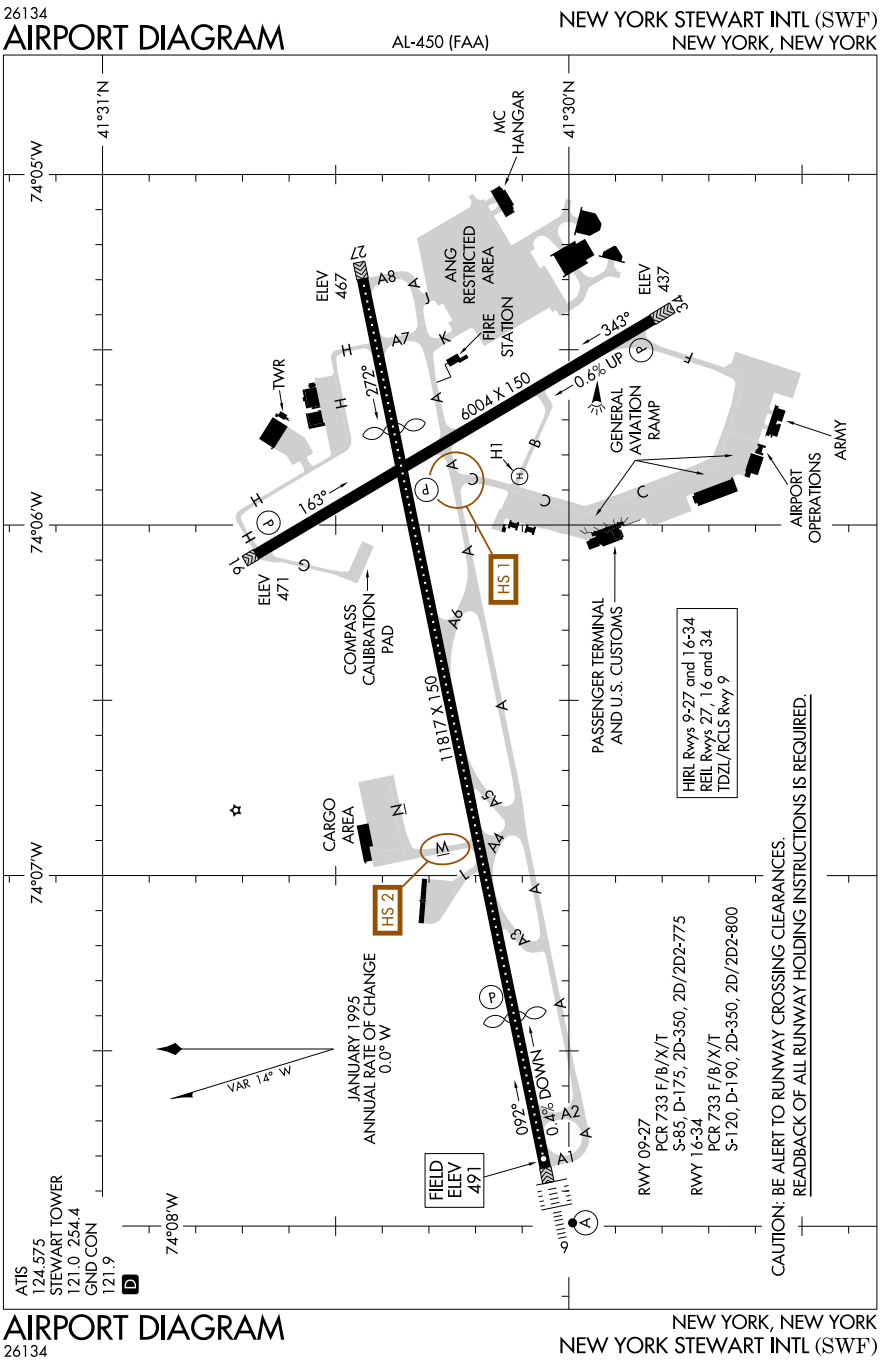
26134

NEW HAVEN, CONNECTICUT
TWEED/NEW HAVEN (HVN)


26246
AIRPORT DIAGRAM
AL-610 (FAA)
JOHN F KENNEDY INTL (JFK)
NEW YORK, NEW YORK
D-ATIS
115.4 ARR SW
117.7 ARR NE
128.725
KENNEDY TOWER
119.1 281.55 (RWYS 04R-22L, 13L-31R)
123.9 281.55 (RWYS 04L-22R, 13R-31L)
GND CON
121.9 348.6
CLNC DEL
135.05 348.6
RAMP CON
125.05
CPDLC
PDC
D
73°46'W
73°47'W
73°48'W
73°49'W
73°45'W
40°38'N
40°39'N
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E
VAR 13° W
AUX FIRE STATION
EMAS
ELEV 12
ELEV 13
ELEV 13
ELEV 13
ELEV 13
ELEV 12
ELEV 12
ELEV 12
ELEV 13
CAT 2 HOLD
INTERNATIONAL ARRIVAL TERMINAL
U.S. CUSTOMS
TWR
HS 1
FIRE STATION
GA TERMINAL
SOUTH HARDSTAND
10000 X 200
8400 X 200
7207 X 200
14511 X 200
134°
224°
314°
044°
310°
FIELD ELEV 13
Runway Status Lights in operation.
ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
RWYS 04L-22R, 13L-31R, 13R-31L
PCR 1260 R/B/W/T
D-210, 2D-550, 2D/2D2-1100
RWY 04R-22L
PCR 1260 F/B/X/T
D-210, 2D-550, 2D/2D2-1100
HIRL Rwys 4L-22R, 4R-22L, 13L-31R, 13R-31L
TDZL/RCLS Rwys 4L, 4R, 22L, 13L, 31R
RLLS Rwys 13L and 13R
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
AIRPORT DIAGRAM
26246
NEW YORK, NEW YORK
JOHN F KENNEDY INTL (JFK)


26134
AIRPORT DIAGRAM
AL-289 (FAA)
LAGUARDIA (LGA)
NEW YORK, NEW YORK
40°47'N
40°46'N
73°52'W
73°53'W
VAR 12° W
JANUARY 1980
ANNUAL RATE OF CHANGE
0.1° W
ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
Runway Status Lights in operation.
HIRL Rwys 13-31 and 4-22
REIL Rwy 31
TDZL/RCLS Rwys 13, 4 and 22
RWY 04-22
PCR 530 F/A/X/T
S-80, D-170, 2D-360
RWY 13-31
PCR 577 F/B/X/T
S-80, D-170, 2D-360
D-ATIS ARR 125.95
DEP 127.05
LAGUARDIA TOWER
118.7 322.35
GND CON
121.7 322.35
CLNC DEL
121.875 (HELICOPTER)
135.2
CPDLC
PDC
CAUTION: OVERHEAD PEDESTRIAN BRIDGE MAX TAIL HEIGHT 50 FEET.
CAUTION: AIRCRAFT TAXIING ON TWY B FOR RWY 4 DEPARTURE, MAY BE INSTRUCTED TO HOLD AT THE ILS HOLD LINE.
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
7002 X 150
7002 X 150
ELEV 12
ELEV 7
EMAS
ILS HOLD
HS 1
HS 2
TWR
TERMINAL B
TERMINAL C
AIR CARRIER MAINTENANCE & BASE FACILITIES
TRANSIENT PARKING
GENERAL AVIATION PARKING
FIRE STATION
TERMINAL A
NWS
ILS HOLD
FIELD ELEV 21
AIRPORT DIAGRAM
26134
NEW YORK, NEW YORK
LAGUARDIA (LGA)


26190
AIRPORT DIAGRAM
AL-948 (FAA)
LONG ISLAND MAC ARTHUR (ISP)
NEW YORK, NEW YORK
73°05.0'W
73°05.5'W
73°06.0'W
73°06.5'W
73°07.0'W
40°48.0'N
40°47.5'N
VAR 14° W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° E
RWY 06-24
PCR 550 F/A/X/T
S-100, D-210, 2D-300
RWY 15L-33R
PCR 280 F/B/X/T
S-25
RWY 15R-33L
PCR 590 F/B/X/T
S-100, D-170, 2D-300
HIRL Rwy 6-24
MIRL Rwy 15R-33L
FIELD ELEV 99
ELEV 81
ELEV 79
ELEV 91
ELEV 99
ELEV 92
3175 X 75
0.3% UP
329°
149°
239°
059°
5186 X 150
0.4% UP
7006 X 150
LAHSO
HS 1
HOLD PAD
TERMINAL
TWR
HANGARS
HANGARS
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
Not for Part 121/Part 380 Air Carrier
Use or Foreign Air Carrier
Equivalent: RWY 15L-33R
ATIS
120.725
LONG ISLAND TOWER
119.3 (CTAF) 335.5
GND CON
135.3
CLNC DEL
121.85
AIRPORT DIAGRAM
26190
NEW YORK, NEW YORK
LONG ISLAND MAC ARTHUR (ISP)

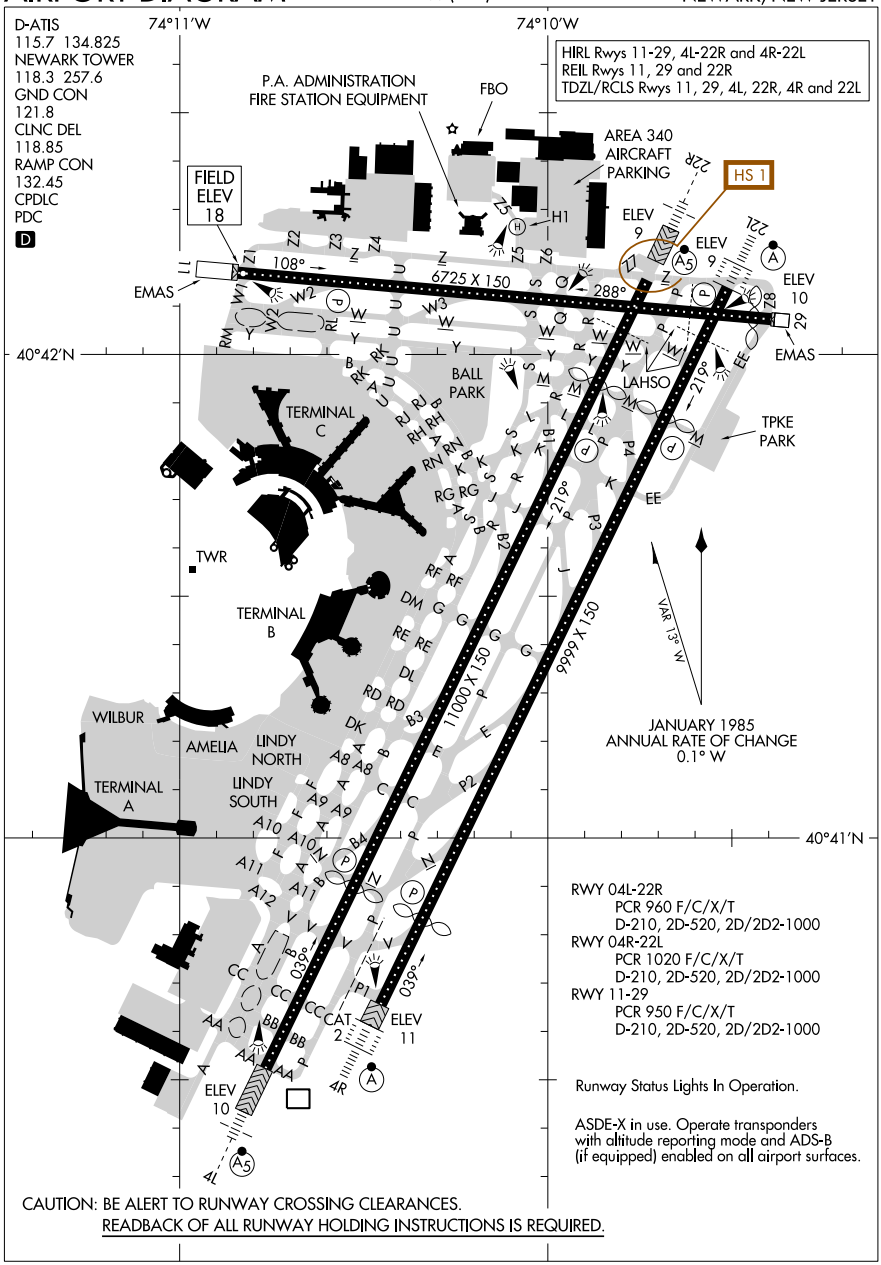

26134
AIRPORT DIAGRAM
AL-450 (FAA)
NEW YORK STEWART INTL (SWF)
NEW YORK, NEW YORK
41°31'N
41°30'N
74°05'W
74°06'W
74°07'W
74°08'W
MC HANGAR
ANG RESTRICTED AREA
FIRE STATION
ELEV 467
ELEV 437
TWR
272°
343°
6004 X 150
0.6% UP
GENERAL AVIATION RAMP
ARMY
AIRPORT OPERATIONS
163°
HS 1
ELEV 471
COMPASS CALIBRATION PAD
11817 X 150
PASSENGER TERMINAL AND U.S. CUSTOMS
HIRL Rwys 9-27 and 16-34
REIL Rwys 27, 16 and 34
TDZL/RCLS Rwy 9
CARGO AREA
HS 2
VAR 14° W
JANUARY 1995
ANNUAL RATE OF CHANGE
0.0° W
092°
0.4% DOWN
FIELD ELEV 491
RWY 09-27
PCR 733 F/B/X/T
S-85, D-175, 2D-350, 2D/2D2-775
RWY 16-34
PCR 733 F/B/X/T
S-120, D-190, 2D-350, 2D/2D2-800
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ATIS 124.575
STEWART TOWER 121.0 254.4
GND CON 121.9
AIRPORT DIAGRAM
26134
NEW YORK, NEW YORK
NEW YORK STEWART INTL (SWF)

26134

AIRPORT DIAGRAM

AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



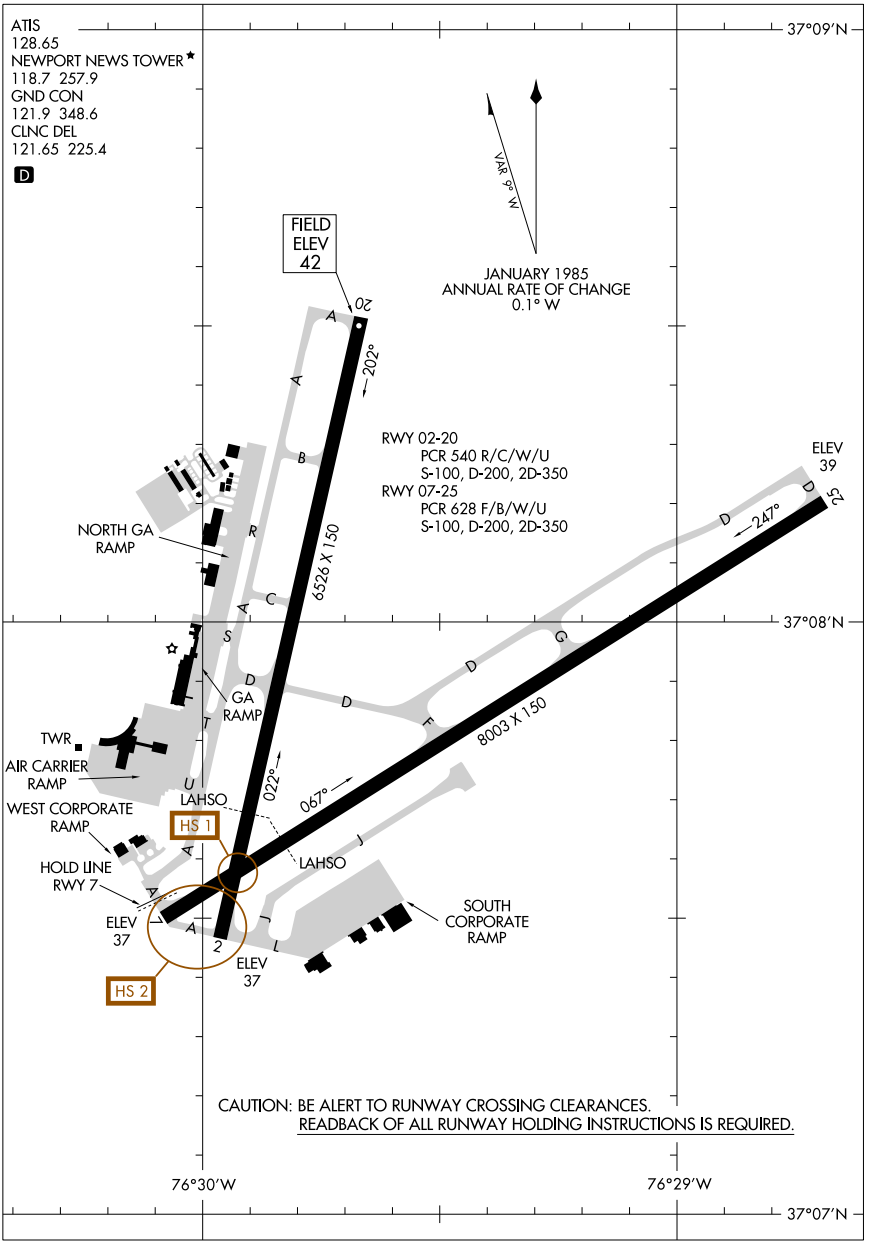
AIRPORT DIAGRAM
26134

NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

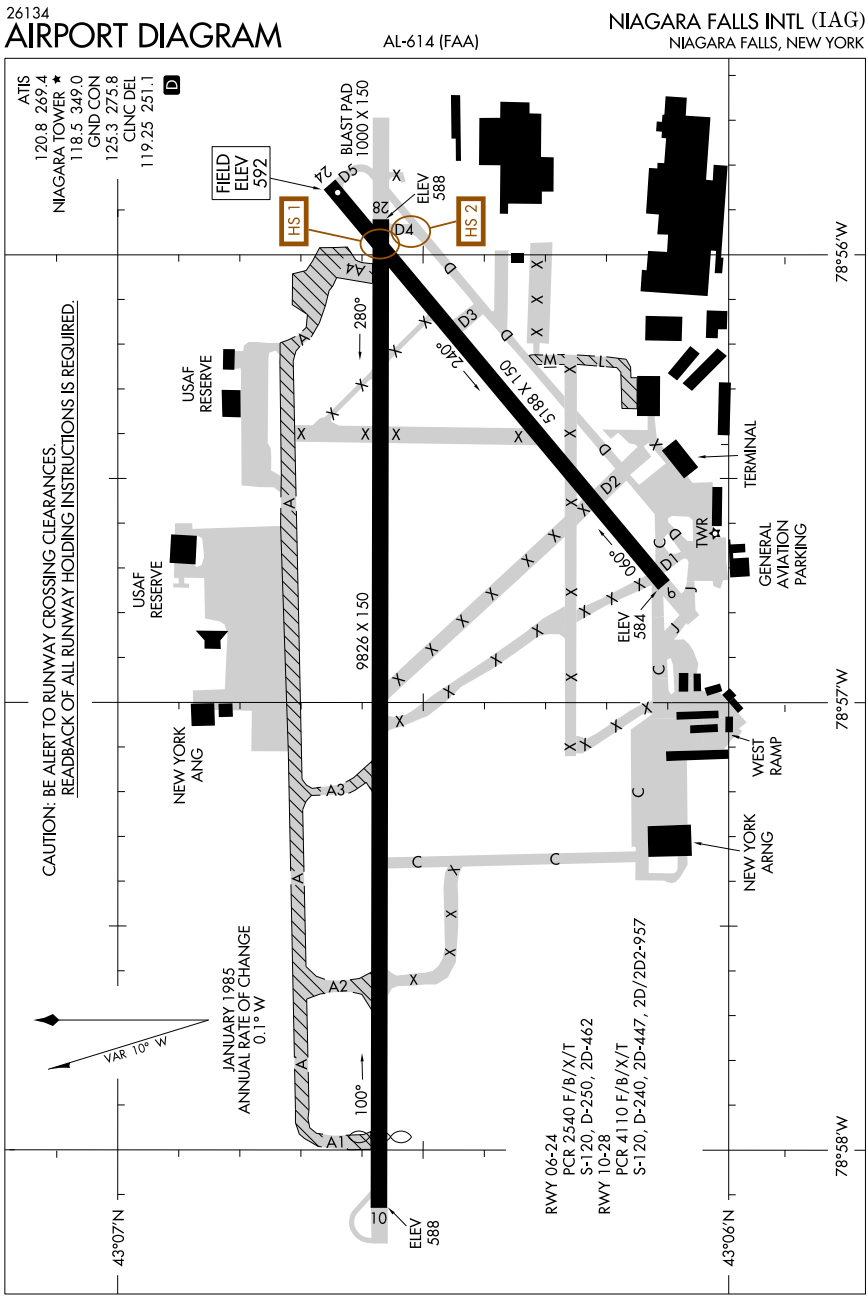
26134

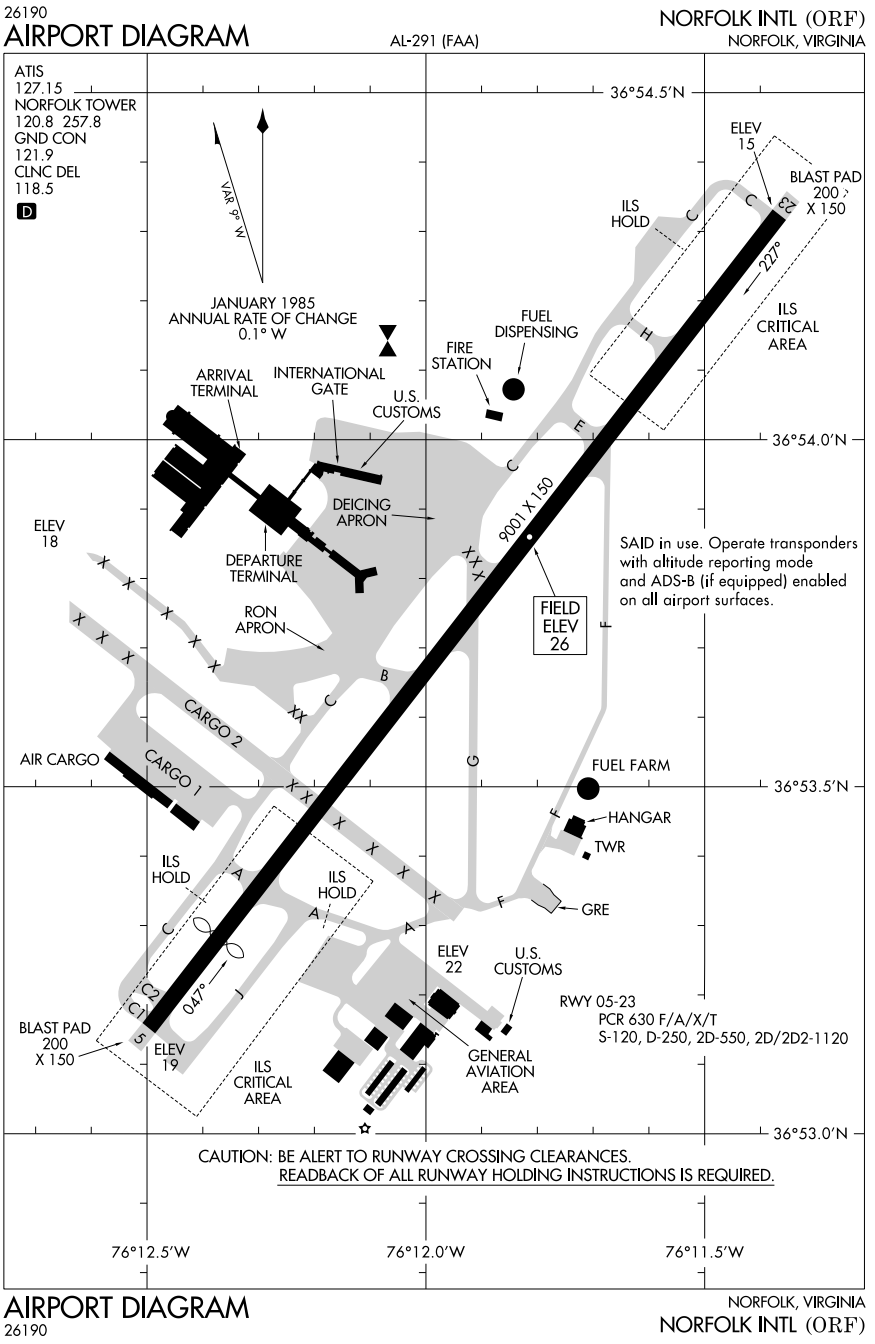
AIRPORT DIAGRAM

NEWPORT NEWS/WILLIAMSBURG INTL (PHF)
AL-957 (FAA)
NEWPORT NEWS, VIRGINIA



AIRPORT DIAGRAM
26134
NEWPORT NEWS, VIRGINIA
NEWPORT NEWS/WILLIAMSBURG INTL (PHF)


26134
AIRPORT DIAGRAM
AL-614 (FAA)
NIAGARA FALLS INTL (IAG)
NIAGARA FALLS, NEW YORK
ATIS 120.8 269.4
NIAGARA TOWER ★ 118.5 349.0
GND CON 125.3 275.8
CLNC DEL 119.25 251.1
D
FIELD ELEV 592
BLAST PAD 1000 X 150
ELEV 588
HS 1
HS 2
24
28
10
D5
D4
D3
D2
D1
280°
240°
100°
000°
5188 X 150
9826 X 150
ELEV 584
USAF RESERVE
NEW YORK ANG
TERMINAL
TWR
GENERAL AVIATION PARKING
WEST RAMP
NEW YORK ARNG
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
VAR 10° W
JANUARY 1985
ANNUAL RATE OF CHANGE
0.1° W
RWY 06-24
PCR 2540 F/B/X/T
S-120, D-250, 2D-462
RWY 10-28
PCR 4110 F/B/X/T
S-120, D-240, 2D-447, 2D/2D2-957
78°56'W
78°57'W
78°58'W
43°07'N
43°06'N
AIRPORT DIAGRAM
26134
NIAGARA FALLS, NEW YORK
NIAGARA FALLS INTL (IAG)


26190
AIRPORT DIAGRAM
AL-291 (FAA)
NORFOLK INTL (ORF)
NORFOLK, VIRGINIA
ATIS
127.15
NORFOLK TOWER
120.8 257.8
GND CON
121.9
CLNC DEL
118.5
D
36°54.5'N
VAR 9° W
JANUARY 1985
ANNUAL RATE OF CHANGE
0.1° W
ELEV
15
BLAST PAD
200 X 150
ILS
HOLD
23
227°
ILS
CRITICAL
AREA
FUEL
DISPENSING
FIRE
STATION
ARRIVAL
TERMINAL
INTERNATIONAL
GATE
U.S.
CUSTOMS
36°54.0'N
DEICING
APRON
ELEV
18
DEPARTURE
TERMINAL
9001 X 150
SAID in use. Operate transponders
with altitude reporting mode
and ADS-B (if equipped) enabled
on all airport surfaces.
RON
APRON
FIELD
ELEV
26
CARGO 2
AIR CARGO
CARGO 1
FUEL FARM
36°53.5'N
HANGAR
TWR
ILS
HOLD
ILS
HOLD
GRE
ELEV
22
U.S.
CUSTOMS
047°
RWY 05-23
PCR 630 F/A/X/T
S-120, D-250, 2D-550, 2D/2D2-1120
BLAST PAD
200
X 150
ELEV
19
ILS
CRITICAL
AREA
GENERAL
AVIATION
AREA
36°53.0'N
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
76°12.5'W
76°12.0'W
76°11.5'W
AIRPORT DIAGRAM
26190
NORFOLK, VIRGINIA
NORFOLK INTL (ORF)

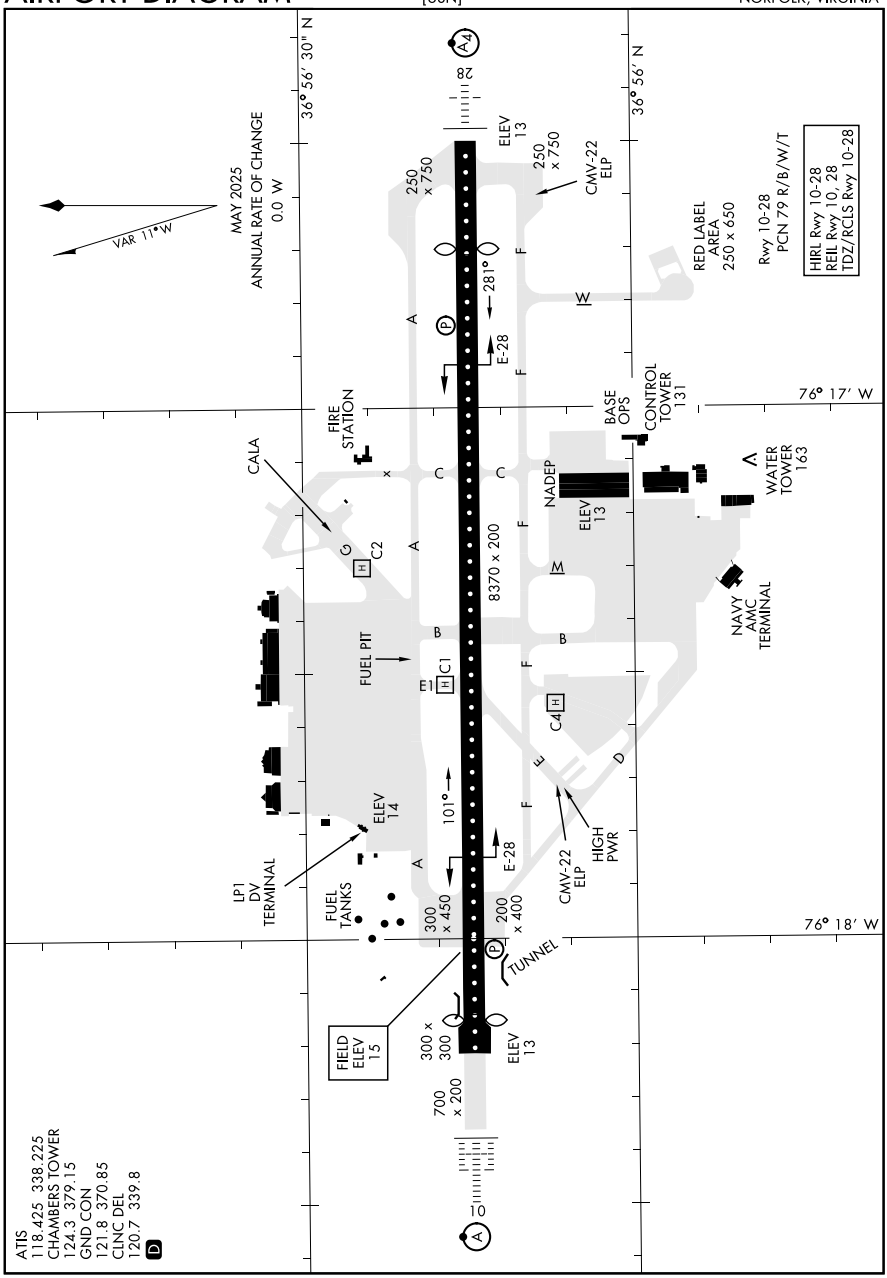
25331

AIRPORT DIAGRAM

NORFOLK NS (CHAMBERS FLD) (KNGU)

[USN]

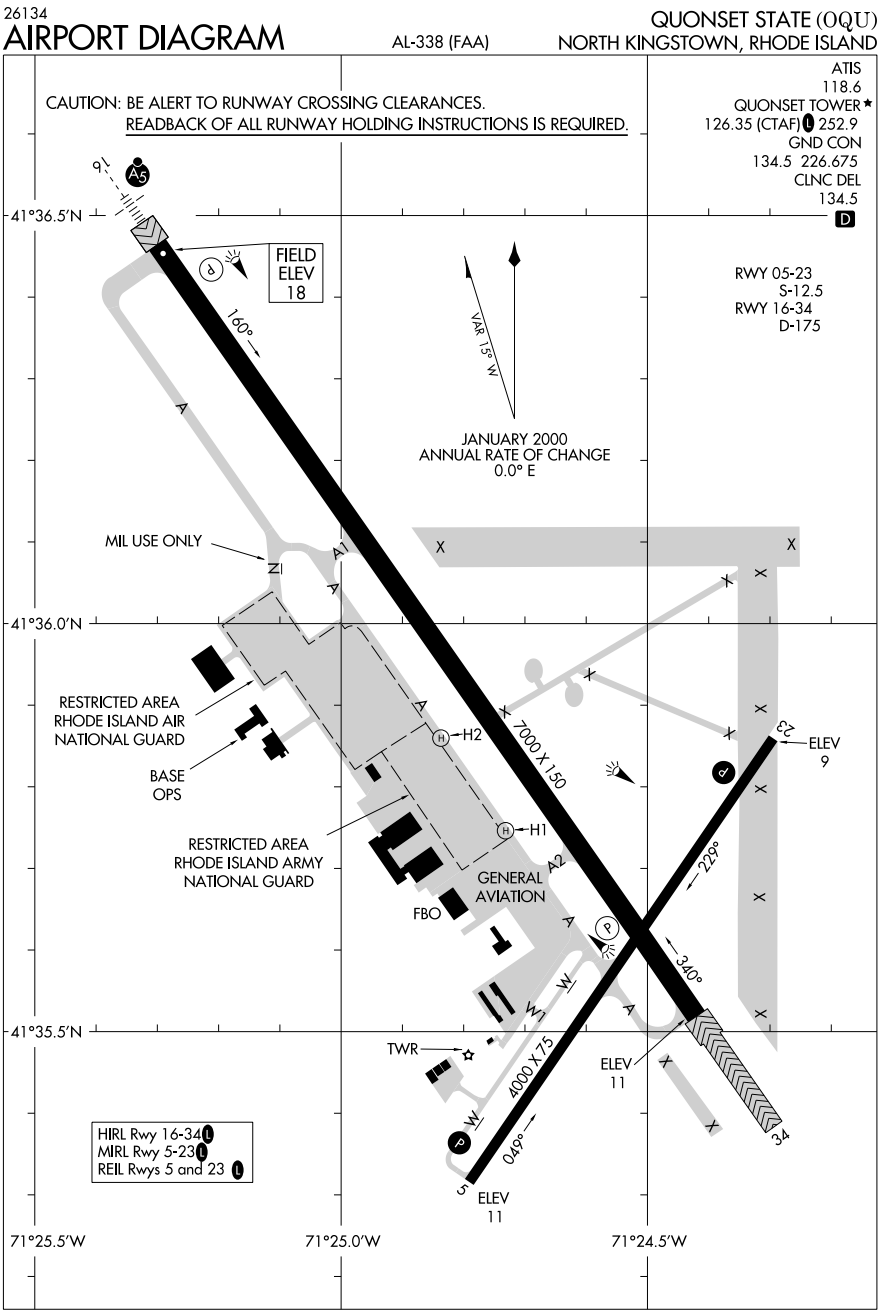
NORFOLK, VIRGINIA

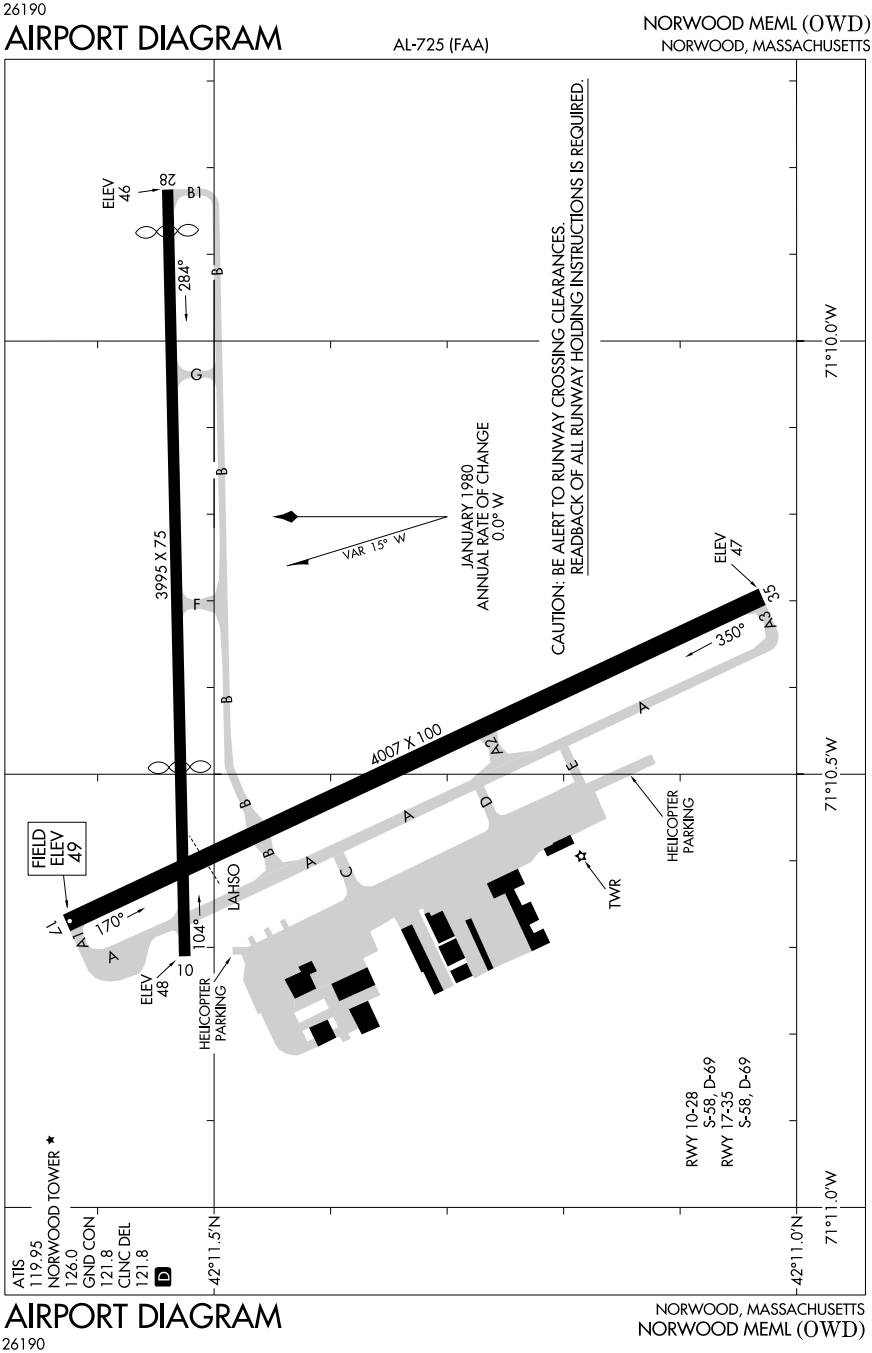


AIRPORT DIAGRAM

NORFOLK, VIRGINIA

NORFOLK NS (CHAMBERS FLD) (KNGU)


26134
AIRPORT DIAGRAM
AL-338 (FAA)
QUONSET STATE (OQU)
NORTH KINGSTOWN, RHODE ISLAND
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ATIS
118.6
QUONSET TOWER
126.35 (CTAF) 252.9
GND CON
134.5 226.675
CLNC DEL
134.5
FIELD
ELEV
18
RWY 05-23
S-12.5
RWY 16-34
D-175
VAR 15° W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° E
160°
MIL USE ONLY
ZI
A1
A2
41°36.5'N
41°36.0'N
41°35.5'N
RESTRICTED AREA
RHODE ISLAND AIR
NATIONAL GUARD
BASE
OPS
RESTRICTED AREA
RHODE ISLAND ARMY
NATIONAL GUARD
H2
H1
7000 X 150
GENERAL
AVIATION
FBO
TWR
4000 X 75
ELEV
11
ELEV
9
23
229°
340°
049°
34
5
HIRL Rwy 16-34
MIRL Rwy 5-23
REIL Rwys 5 and 23
71°25.5'W
71°25.0'W
71°24.5'W
AIRPORT DIAGRAM
26134
NORTH KINGSTOWN, RHODE ISLAND
QUONSET STATE (OQU)


26190
AIRPORT DIAGRAM
AL-725 (FAA)
NORWOOD MEML (OWD)
NORWOOD, MASSACHUSETTS
ELEV 46
28
B1
284°
B
G
F
3995 X 75
VAR 15° W
JANUARY 1980
ANNUAL RATE OF CHANGE
0.0° W
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ELEV 47
35
A3
350°
4007 X 100
A2
A
D
E
C
FIELD ELEV 49
17
A1
170°
104°
10
ELEV 48
LAHSO
HELICOPTER PARKING
TWR
HELICOPTER PARKING
RWY 10-28
S-58, D-69
RWY 17-35
S-58, D-69
ATIS
119.95
NORWOOD TOWER *
126.0
GND CON
121.8
CLNC DEL
121.8
D
42°11.5'N
42°11.0'N
71°10.0'W
71°10.5'W
71°11.0'W
AIRPORT DIAGRAM
26190
NORWOOD, MASSACHUSETTS
NORWOOD MEML (OWD)

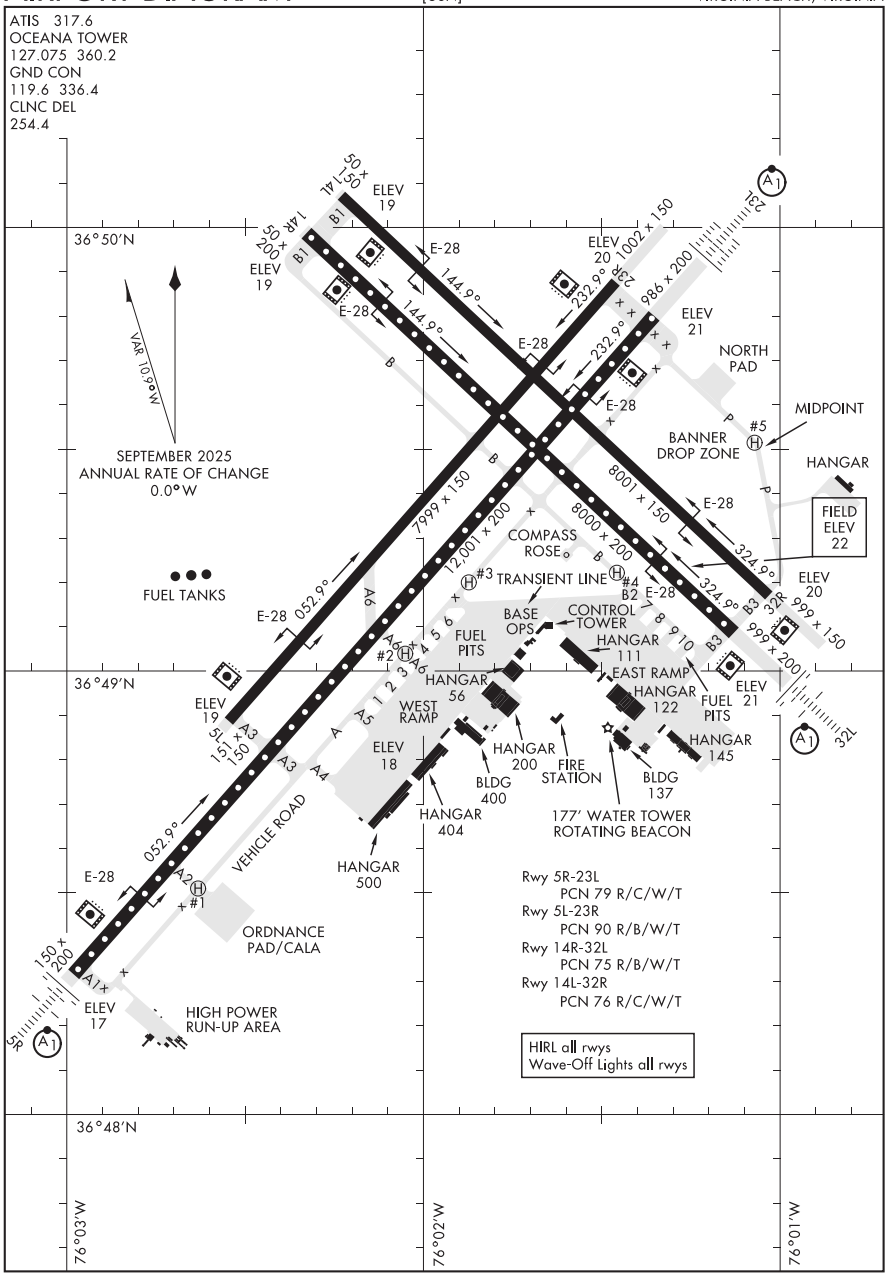
25303

AIRPORT DIAGRAM

OCEANA NAS (APOLLO SOUCEK FLD) (KNTU)

[USN]

VIRGINIA BEACH, VIRGINIA



AIRPORT DIAGRAM

VIRGINIA BEACH, VIRGINIA

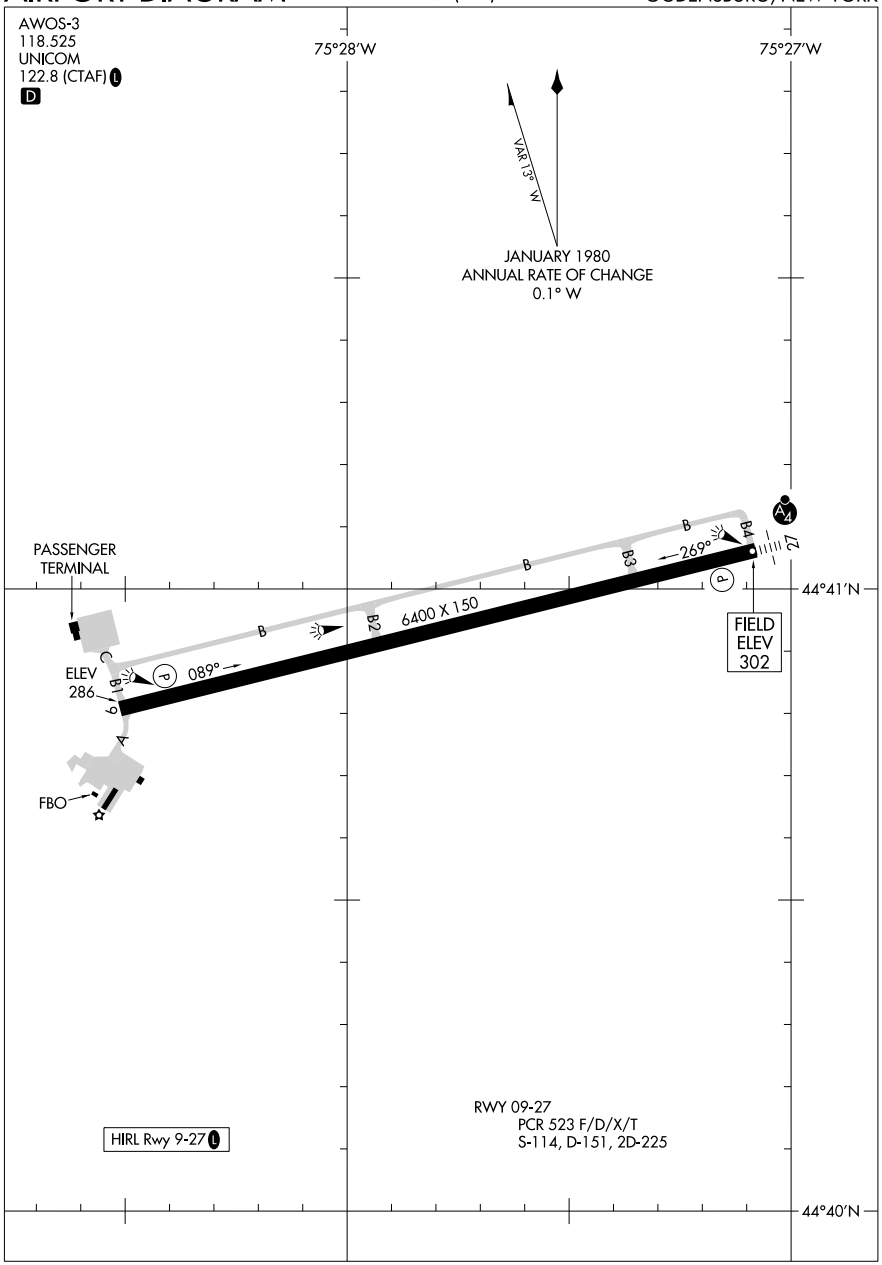
OCEANA NAS (APOLLO SOUCEK FLD) (KNTU)

26246

AIRPORT DIAGRAM

AL-5207 (FAA)

OGDENSBURG INTL (OGS)
OGDENSBURG, NEW YORK



AIRPORT DIAGRAM

26246

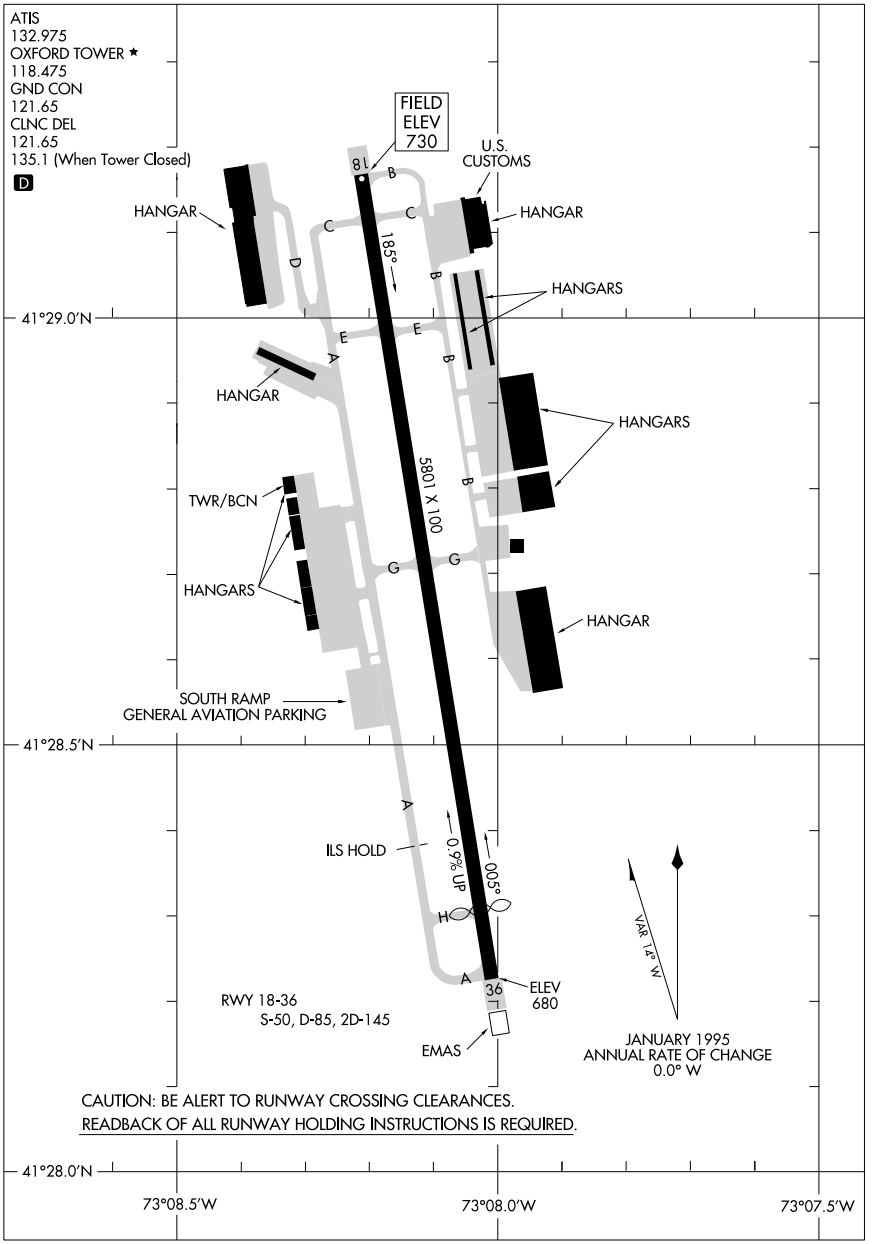
OGDENSBURG, NEW YORK
OGDENSBURG INTL (OGS)

26190

AIRPORT DIAGRAM

AL-5785 (FAA)

WATERBURY-OXFORD (OXC)
OXFORD, CONNECTICUT



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

26190

OXFORD, CONNECTICUT
WATERBURY-OXFORD (OXC)

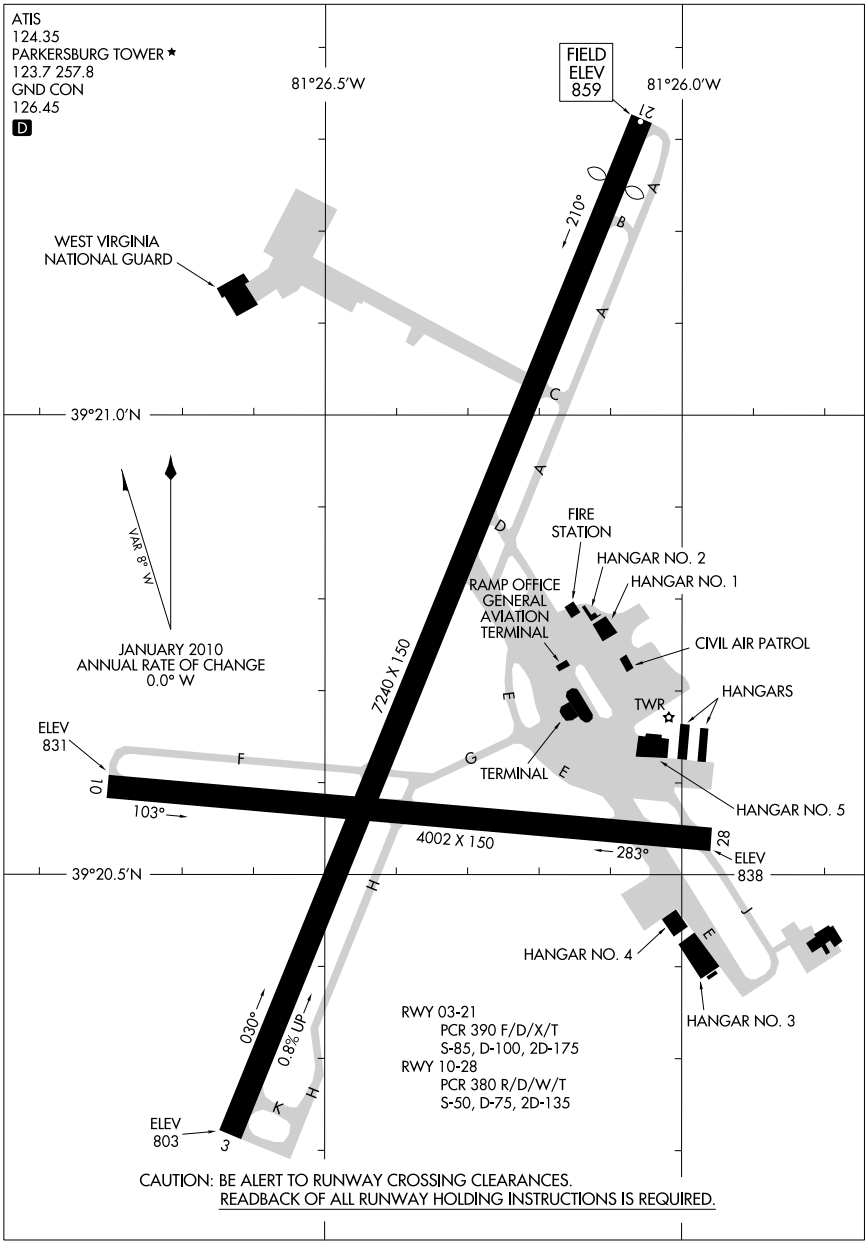
26134

AIRPORT DIAGRAM

AL-646 (FAA)

MID-OHIO VALLEY RGNL (PKB)

PARKERSBURG, WEST VIRGINIA



AIRPORT DIAGRAM
26134
PARKERSBURG, WEST VIRGINIA
MID-OHIO VALLEY RGNL (PKB)

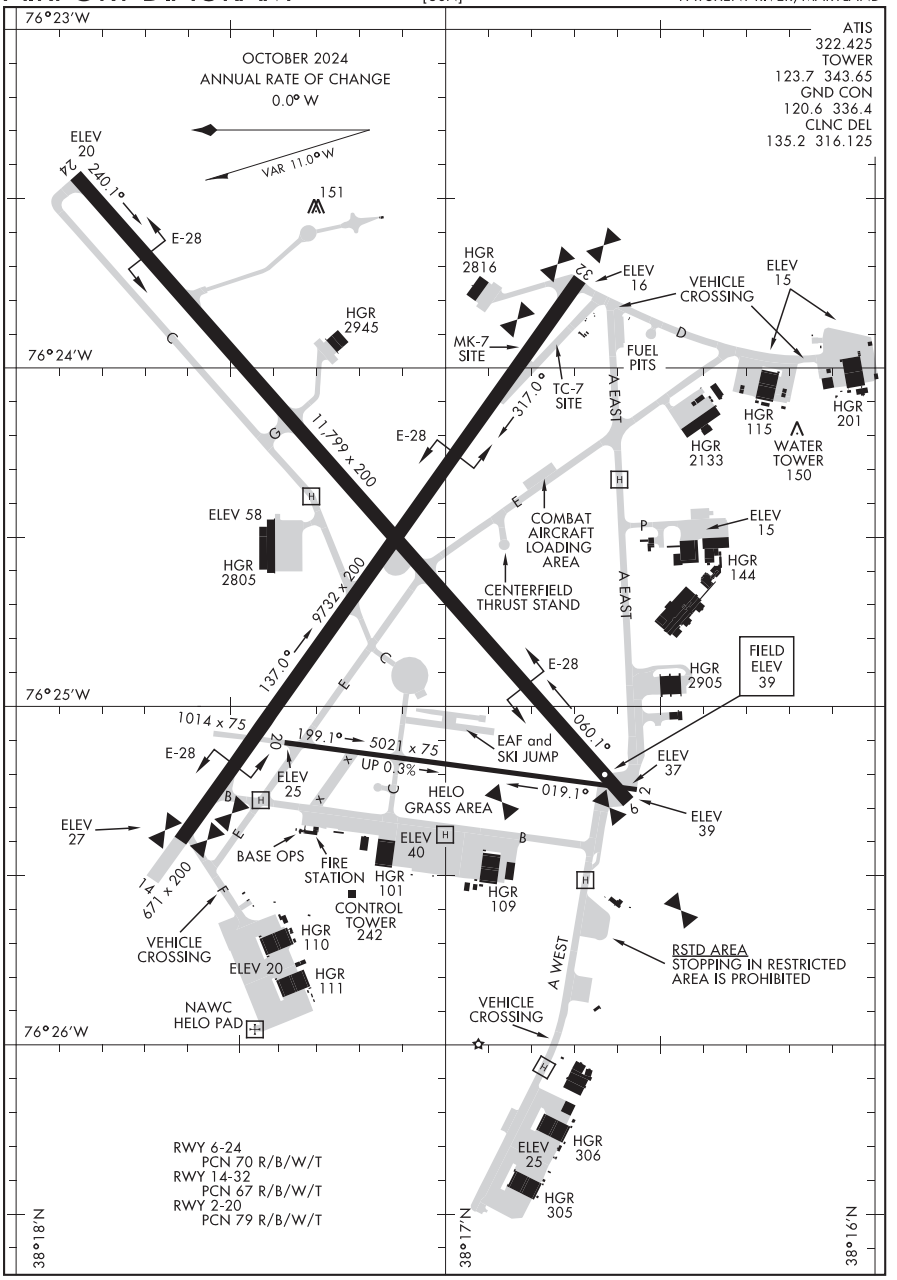
24305

AIRPORT DIAGRAM

PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

[USN]

PATUXENT RIVER, MARYLAND



AIRPORT DIAGRAM

PATUXENT RIVER, MARYLAND

PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

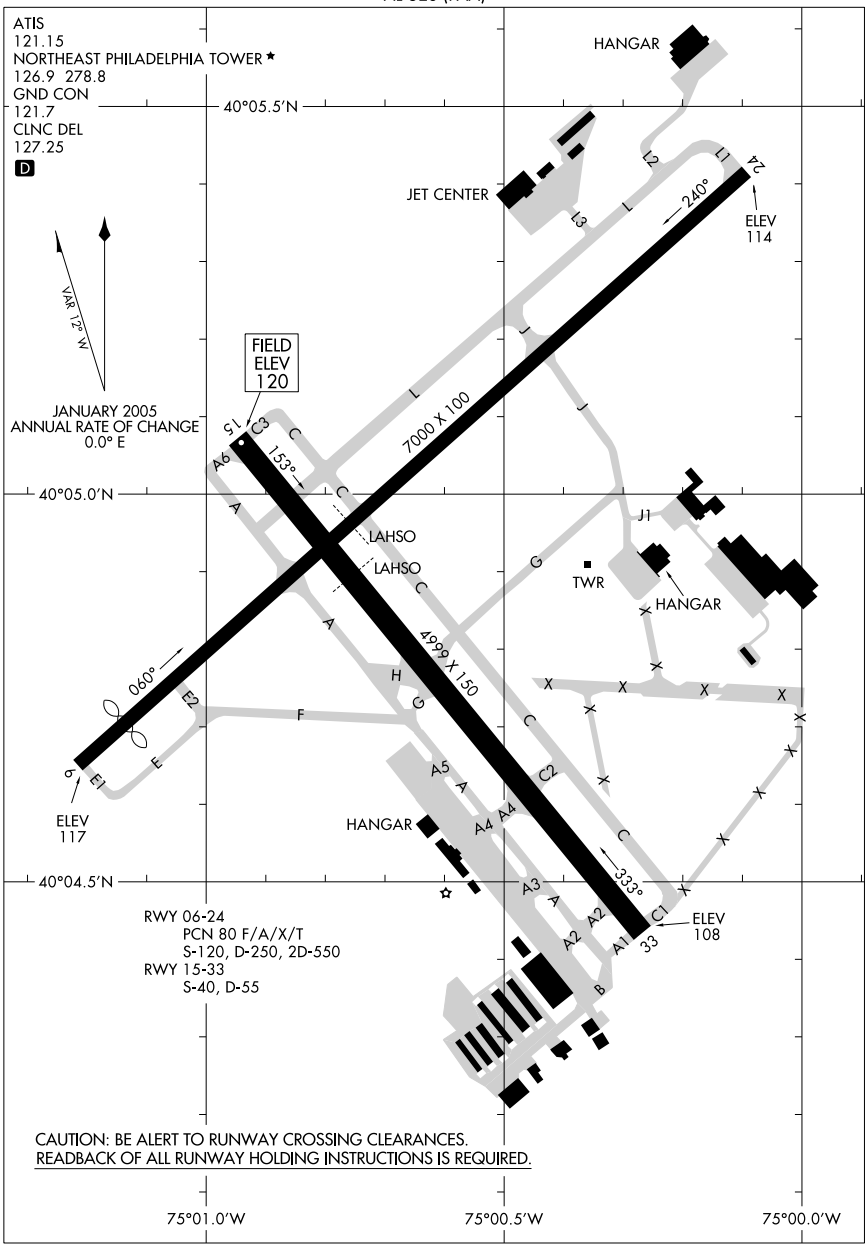
26134

AIRPORT DIAGRAM

AL-528 (FAA)

NORTHEAST PHILADELPHIA (PNE)

PHILADELPHIA, PENNSYLVANIA



AIRPORT DIAGRAM

PHILADELPHIA, PENNSYLVANIA

NORTHEAST PHILADELPHIA (PNE)

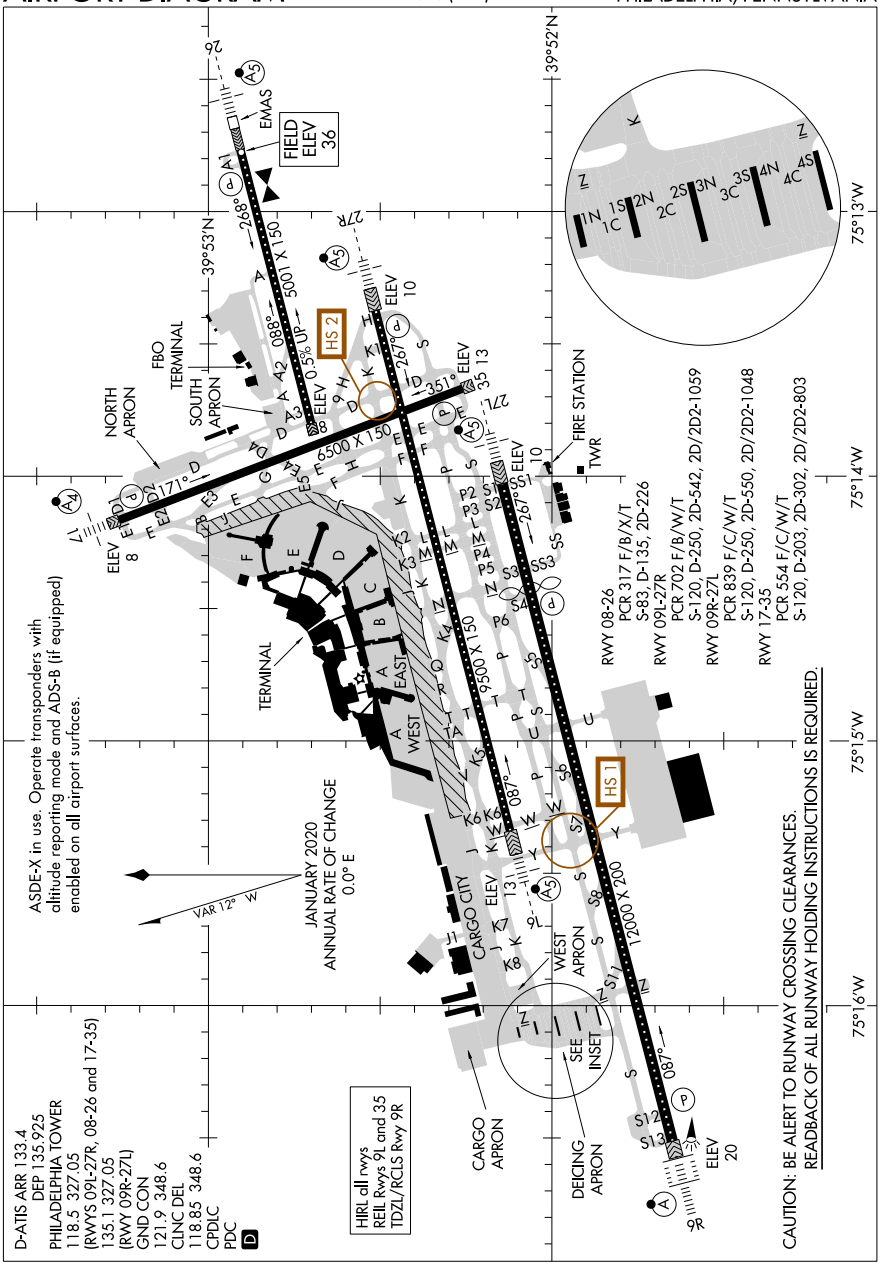
26134

26246

AIRPORT DIAGRAM

AL-320 (FAA)

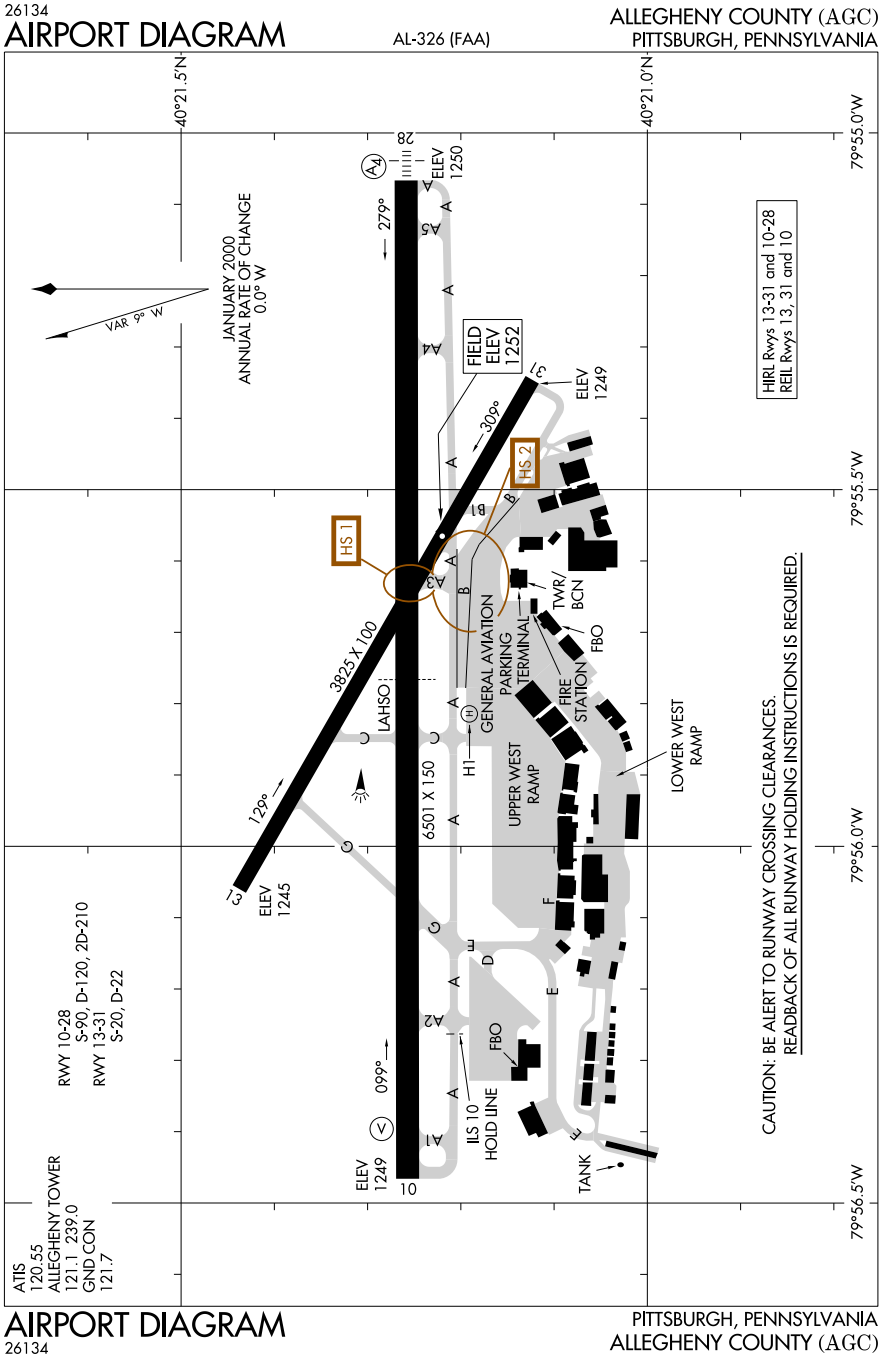
PHILADELPHIA INTL (PHL)
PHILADELPHIA, PENNSYLVANIA

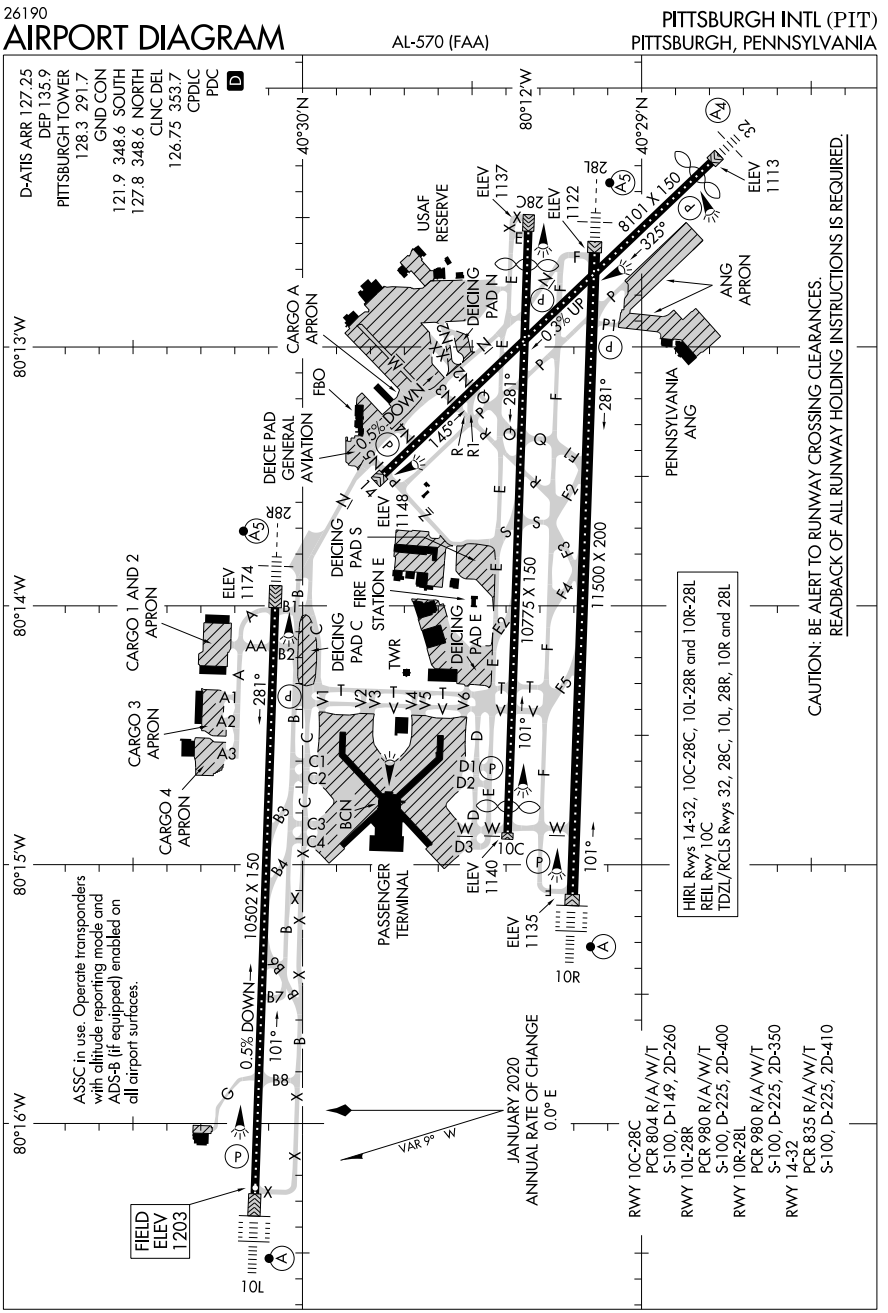


AIRPORT DIAGRAM

PHILADELPHIA, PENNSYLVANIA
PHILADELPHIA INTL (PHL)

26246


26134
AIRPORT DIAGRAM
AL-326 (FAA)
ALLEGHENY COUNTY (AGC)
PITTSBURGH, PENNSYLVANIA
40°21.5'N
40°21.0'N
79°55.0'W
79°55.5'W
79°56.0'W
79°56.5'W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° W
VAR 9° W
ELEV 1250
FIELD ELEV 1252
ELEV 1249
279°
309°
HS 1
HS 2
3825 X 100
129°
099°
ELEV 1245
ELEV 1249
6501 X 150
LAHSO
GENERAL AVIATION PARKING
TERMINAL
TWR/ BCN
FBO
FIRE STATION
UPPER WEST RAMP
LOWER WEST RAMP
ILS 10 HOLD LINE
FBO
TANK
HIRL Rwys 13-31 and 10-28
REIL Rwys 13, 31 and 10
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ATIS 120.55
ALLEGHENY TOWER 121.1 239.0
GND CON 121.7
RWY 10-28 S-90, D-120, 2D-210
RWY 13-31 S-20, D-22
AIRPORT DIAGRAM
26134
PITTSBURGH, PENNSYLVANIA
ALLEGHENY COUNTY (AGC)

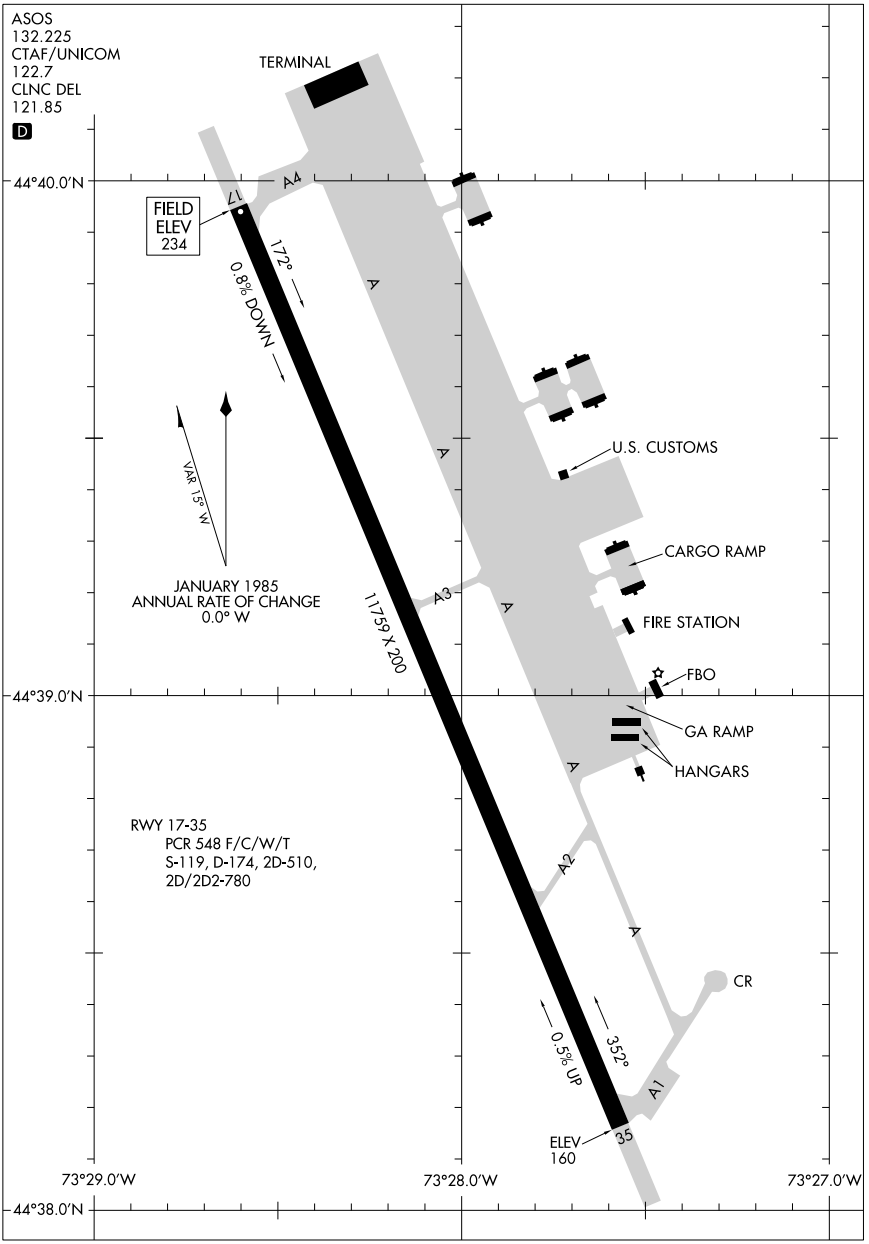

26190
AIRPORT DIAGRAM
AL-570 (FAA)
PITTSBURGH INTL (PIT)
PITTSBURGH, PENNSYLVANIA
D-ATIS ARR 127.25
DEP 135.9
PITTSBURGH TOWER
128.3 291.7
GND CON
121.9 348.6 SOUTH
127.8 348.6 NORTH
CLNC DEL
126.75 353.7
CPDLC
PDC
D
40°30'N
40°29'N
80°13'W
80°14'W
80°15'W
80°16'W
80°12'W
CARGO A APRON
USAF RESERVE
DEICING PAD N
ELEV 1137
ELEV 1122
ELEV 1113
8101 X 150
325°
ANG APRON
PENNSYLVANIA ANG
FBO
DEICE PAD GENERAL AVIATION
0.5% DOWN
0.3% UP
145°
281°
11500 X 200
CARGO 1 AND 2 APRON
ELEV 1174
DEICING PAD C
FIRE STATION E
TWR
ELEV 1148
DEICING PAD S
DEICING PAD E
10775 X 150
CARGO 3 APRON
CARGO 4 APRON
BCN
PASSENGER TERMINAL
ELEV 1140
ELEV 1135
10C
10R
10L
10502 X 150
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
HIRL Rwys 14-32, 10C-28C, 10L-28R and 10R-28L
REIL Rwy 10C
TDZL/RCLS Rwys 32, 28C, 10L, 28R, 10R and 28L
ASSC in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
FIELD ELEV 1203
VAR 9° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° E
RWY 10C-28C
PCR 804 R/A/W/T
S-100, D-149, 2D-260
RWY 10L-28R
PCR 980 R/A/W/T
S-100, D-225, 2D-400
RWY 10R-28L
PCR 980 R/A/W/T
S-100, D-225, 2D-350
RWY 14-32
PCR 835 R/A/W/T
S-100, D-225, 2D-410
AIRPORT DIAGRAM
26190
PITTSBURGH, PENNSYLVANIA
PITTSBURGH INTL (PIT)

26134

AIRPORT DIAGRAM

AL-729 (FAA)

PLATTSBURGH INTL (PBG)
PLATTSBURGH, NEW YORK



AIRPORT DIAGRAM

26134

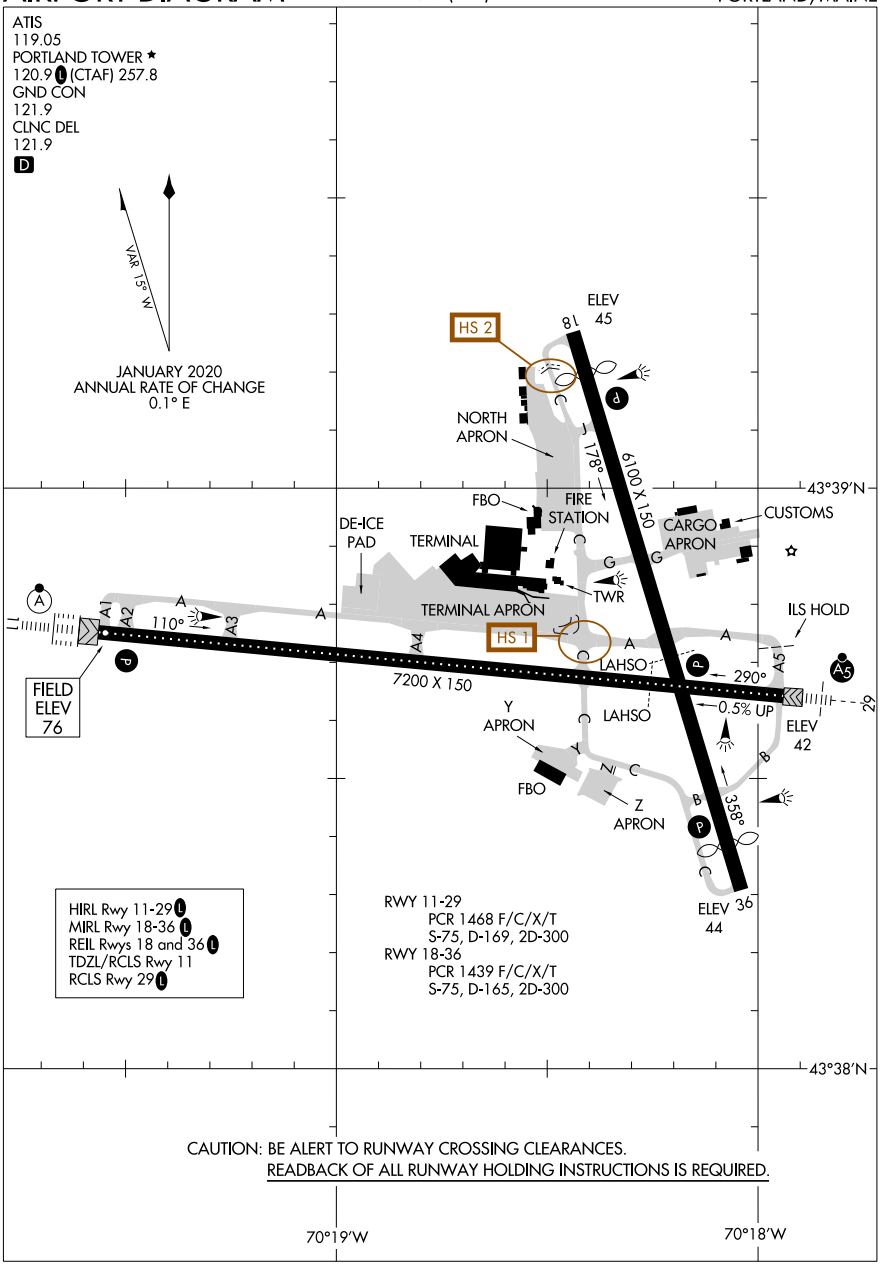
PLATTSBURGH, NEW YORK
PLATTSBURGH INTL (PBG)

26134

AIRPORT DIAGRAM

AL-329 (FAA)

PORTLAND INTL JETPORT (PWM)
PORTLAND, MAINE



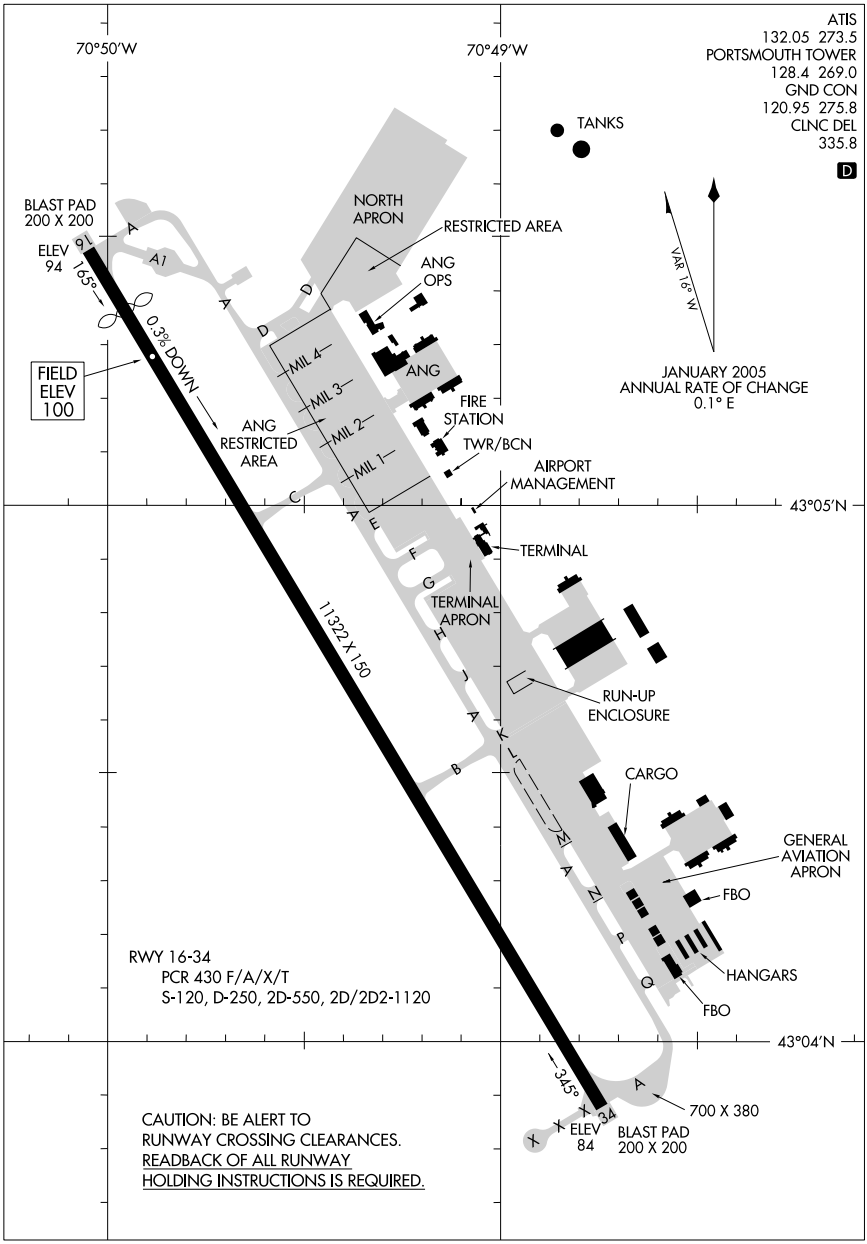
AIRPORT DIAGRAM
26134
PORTLAND, MAINE
PORTLAND INTL JETPORT (PWM)

26134

AIRPORT DIAGRAM

AL-678 (FAA)

PORTSMOUTH INTL AT PEASE (PSM)
PORTSMOUTH, NEW HAMPSHIRE



AIRPORT DIAGRAM

26134

PORTSMOUTH, NEW HAMPSHIRE
PORTSMOUTH INTL AT PEASE (PSM)

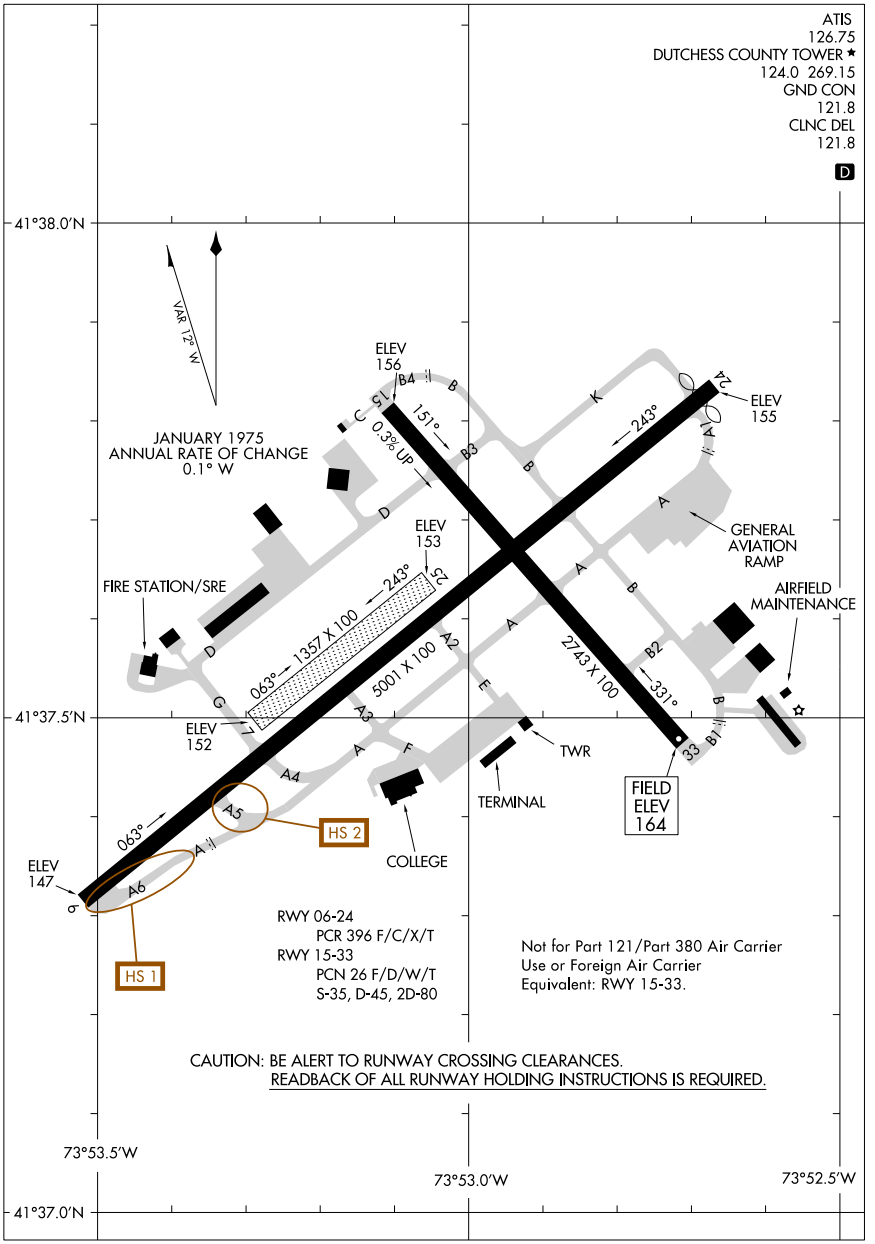
26134

AIRPORT DIAGRAM

AL-286 (FAA)

HUDSON VALLEY RGNL (POU)

POUGHKEEPSIE, NEW YORK



AIRPORT DIAGRAM

26134

POUGHKEEPSIE, NEW YORK

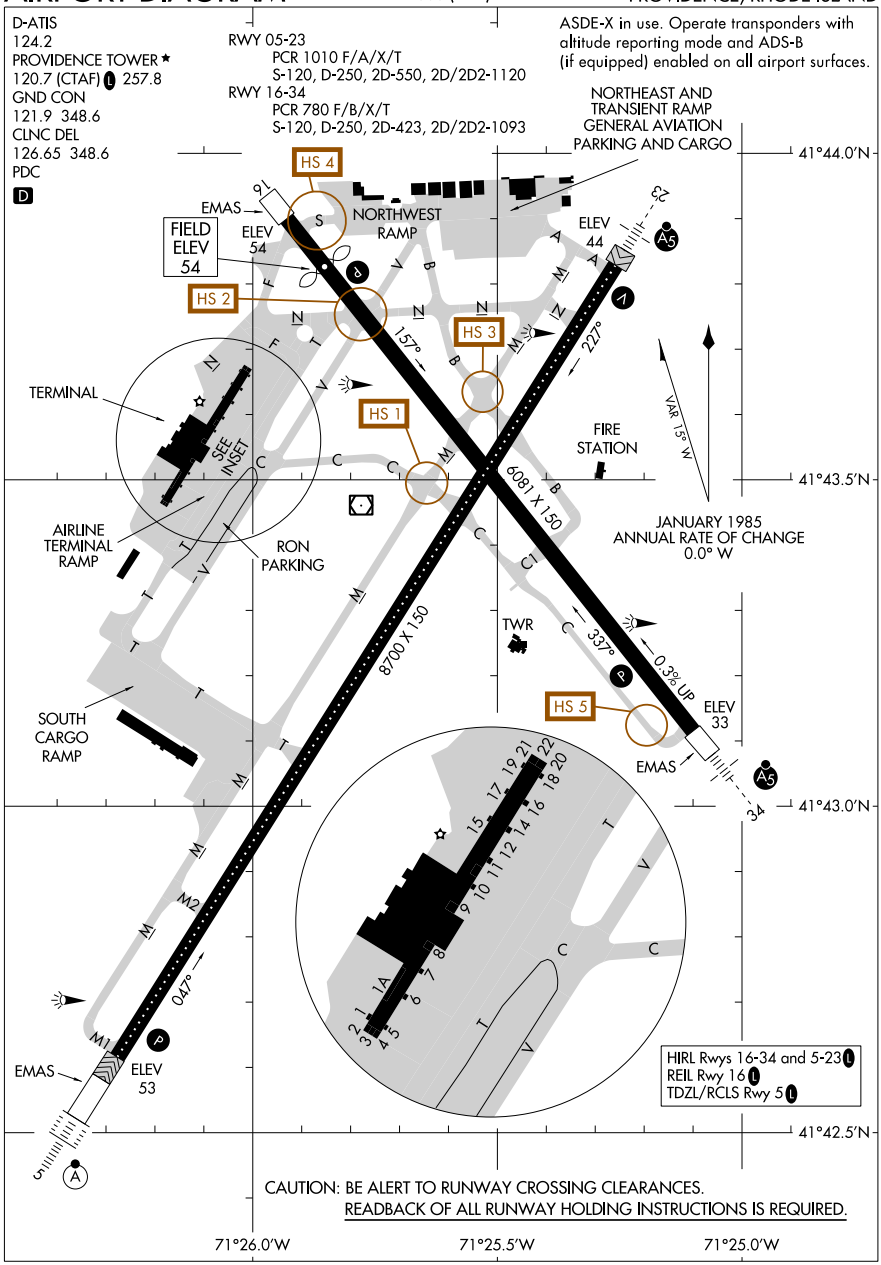
HUDSON VALLEY RGNL (POU)

26246

AIRPORT DIAGRAM

AL-333 (FAA)

RHODE ISLAND TF GREEN INTL (PVD)
PROVIDENCE, RHODE ISLAND



AIRPORT DIAGRAM
26246

PROVIDENCE, RHODE ISLAND
RHODE ISLAND TF GREEN INTL (PVD)

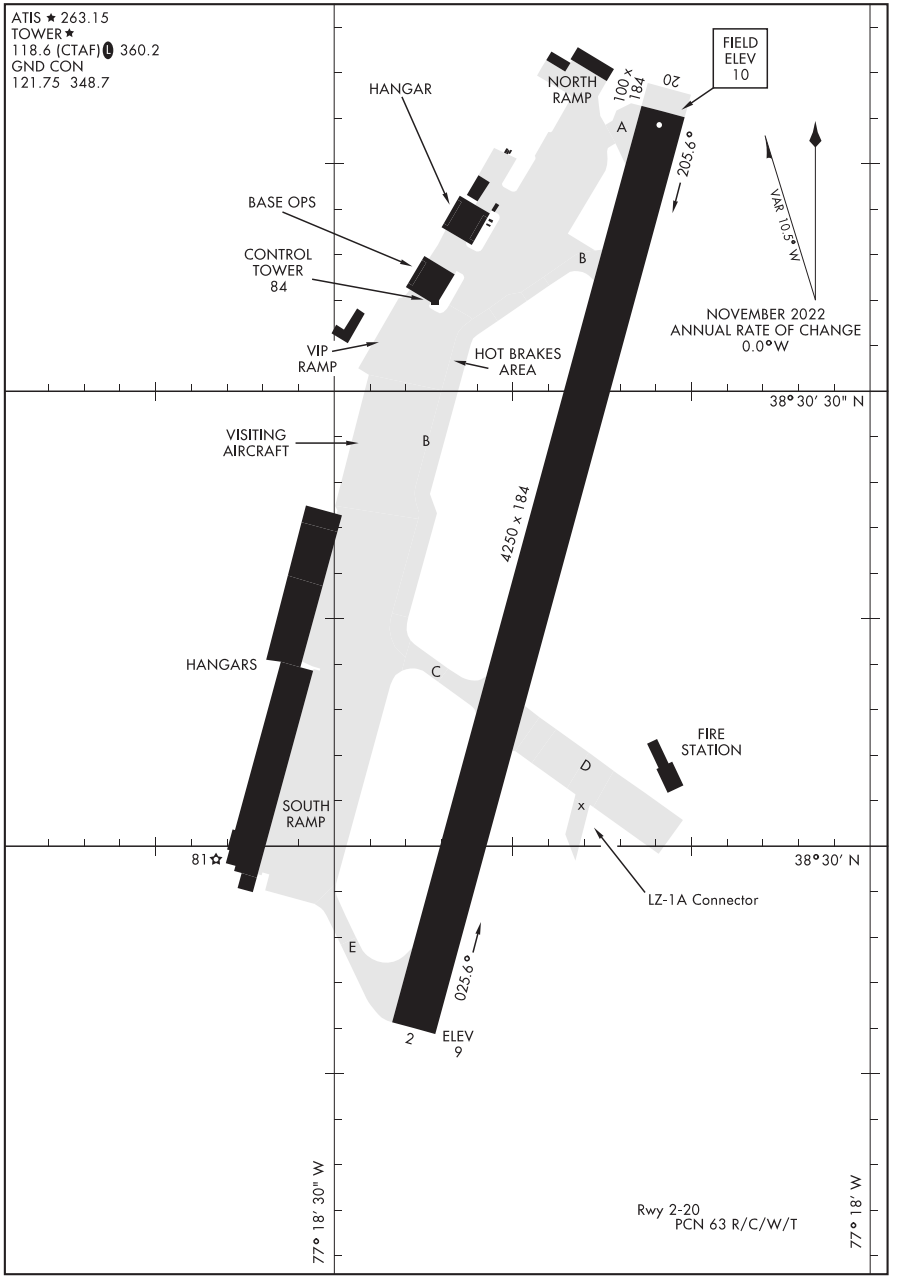
25051

AIRPORT DIAGRAM

[USN]

QUANTICO MCAF (TURNER FLD) (KNYG)

QUANTICO, VIRGINIA



AIRPORT DIAGRAM

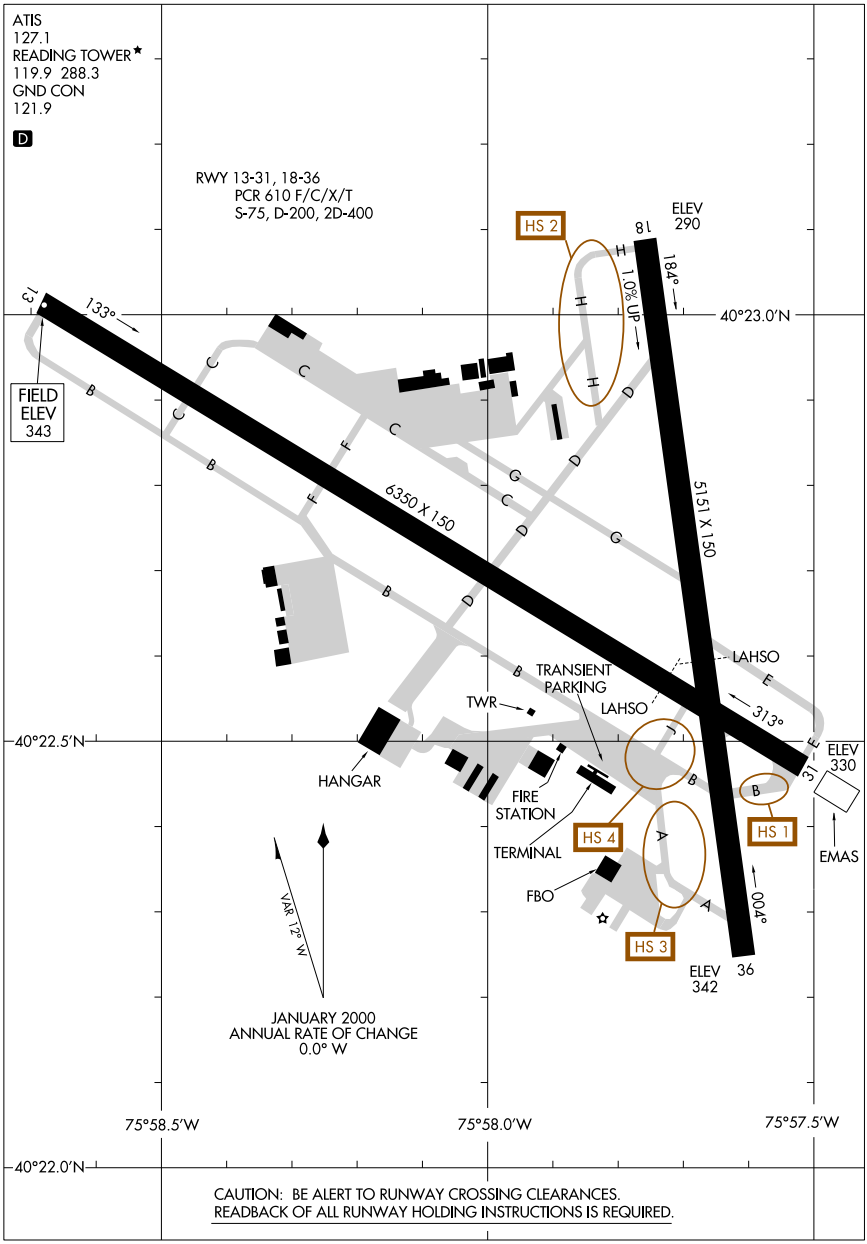
QUANTICO, VIRGINIA

QUANTICO MCAF (TURNER FLD) (KNYG)

26190

AIRPORT DIAGRAM

READING RGNL/CARL A SPAATZ FLD (RDG)
AL-627 (FAA)
READING, PENNSYLVANIA



AIRPORT DIAGRAM

26190

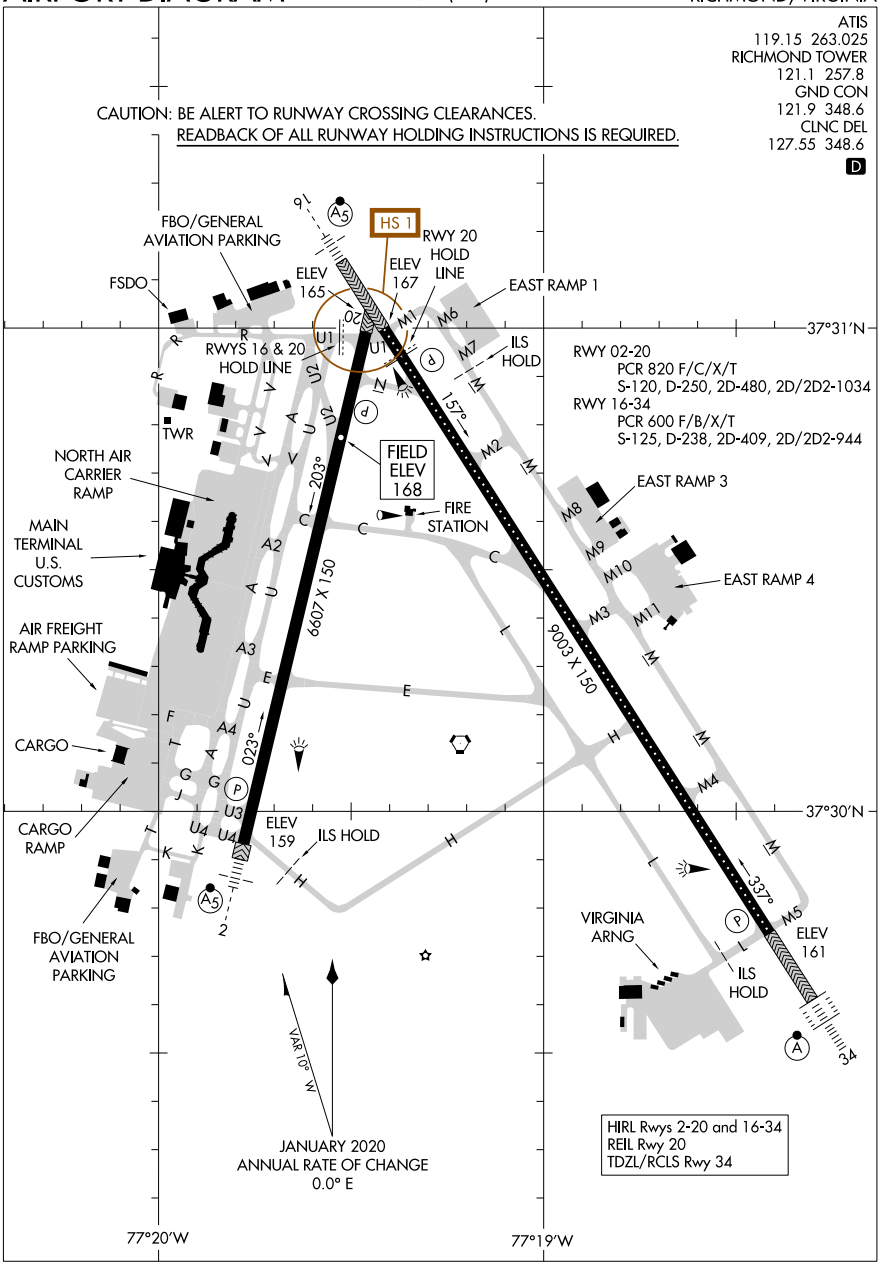
READING, PENNSYLVANIA
READING RGNL/CARL A SPAATZ FLD (RDG)

26246

AIRPORT DIAGRAM

AL-347 (FAA)

RICHMOND INTL (RIC)
RICHMOND, VIRGINIA

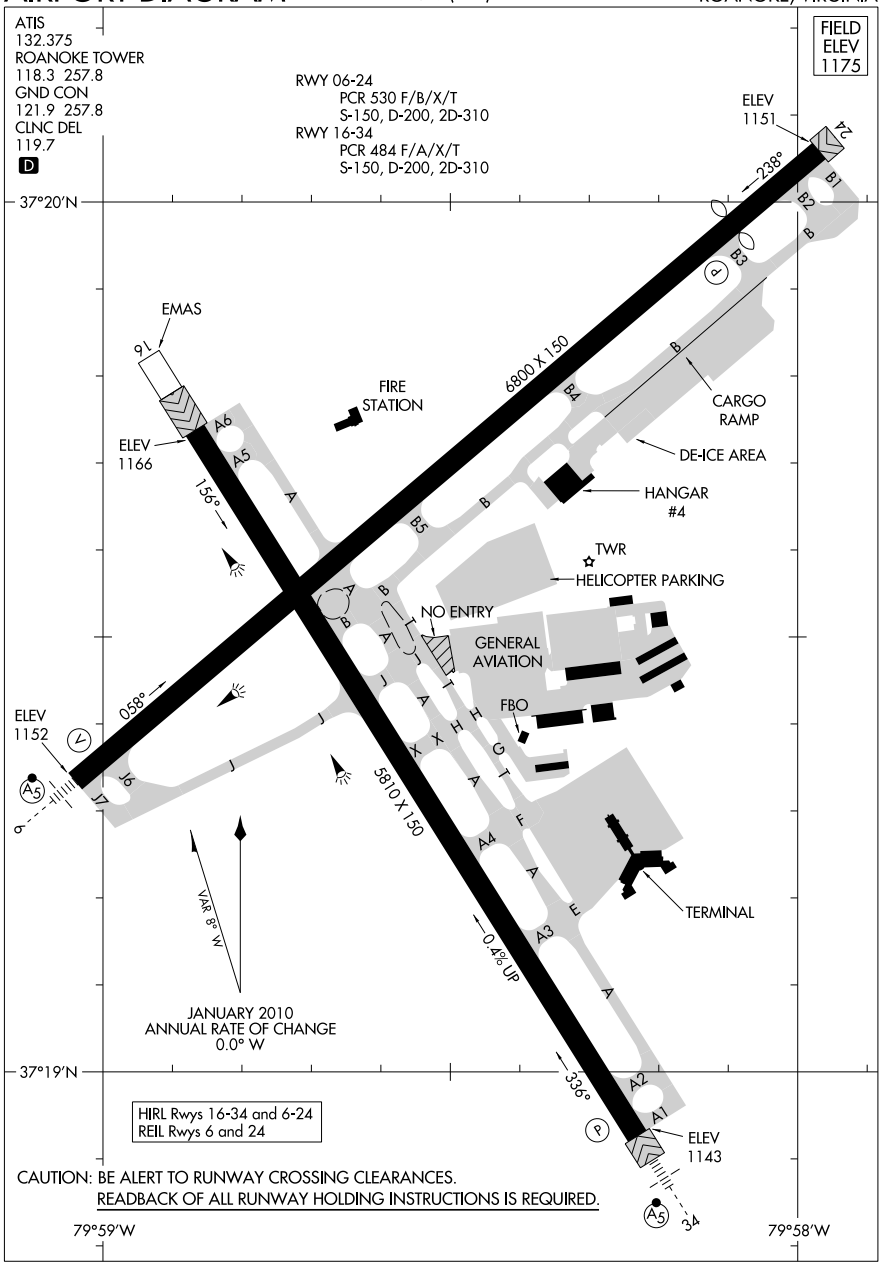


AIRPORT DIAGRAM
26246
RICHMOND, VIRGINIA
RICHMOND INTL (RIC)

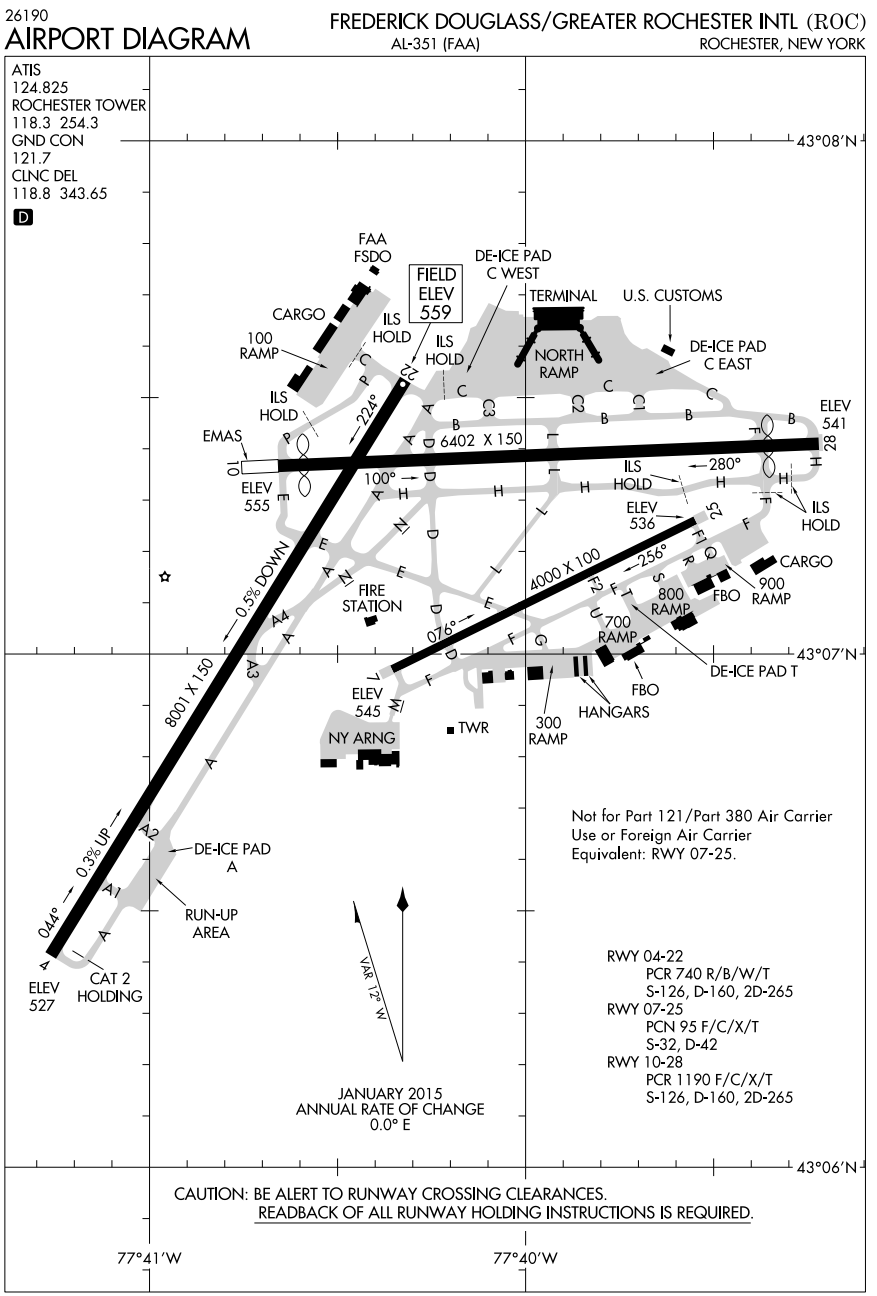
26134

AIRPORT DIAGRAM

ROANOKE/BLACKSBURG RGNL (WOODRUM FLD) (ROA)
AL-349 (FAA)
ROANOKE, VIRGINIA



AIRPORT DIAGRAM
26134
ROANOKE/BLACKSBURG RGNL (WOODRUM FLD) (ROA)
ROANOKE, VIRGINIA

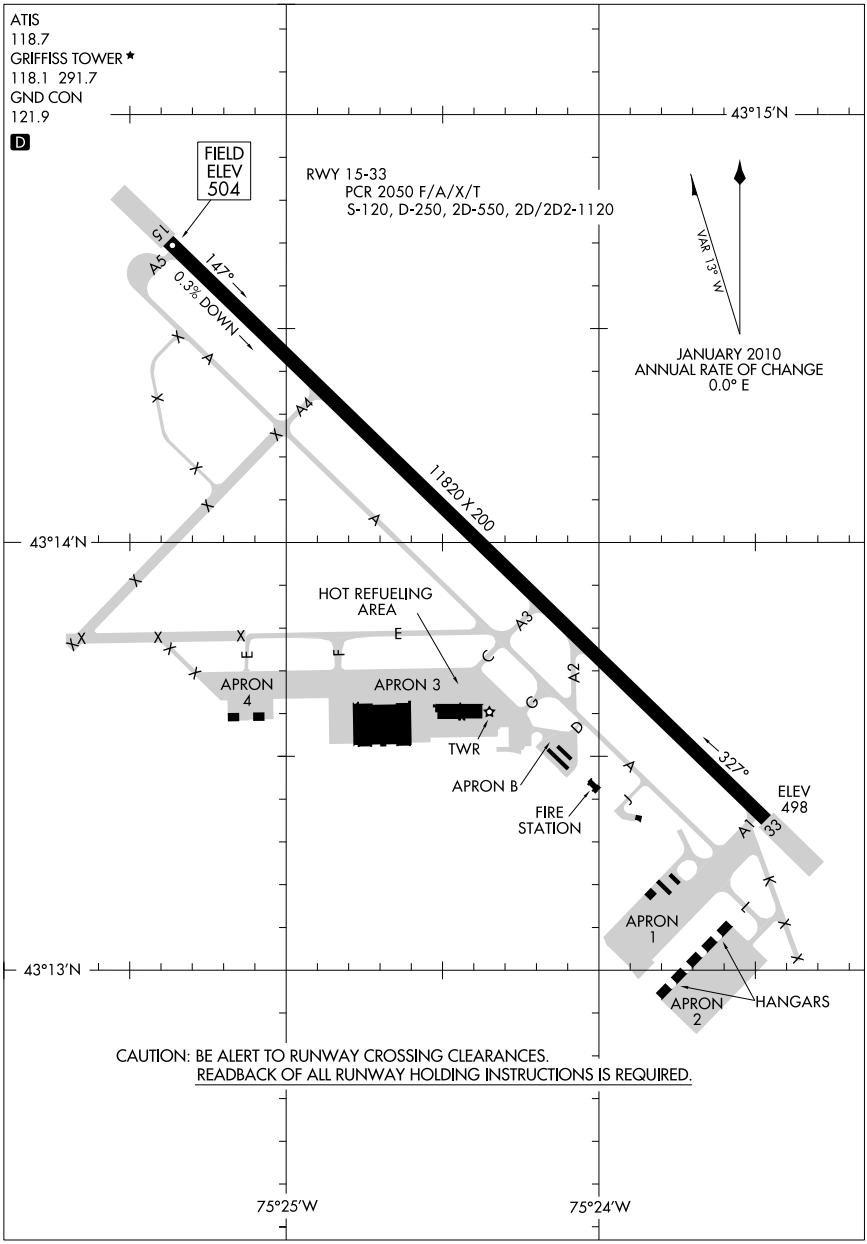

26190
AIRPORT DIAGRAM
FREDERICK DOUGLASS/GREATER ROCHESTER INTL (ROC)
AL-351 (FAA)
ROCHESTER, NEW YORK
ATIS
124.825
ROCHESTER TOWER
118.3 254.3
GND CON
121.7
CLNC DEL
118.8 343.65
D
43°08'N
FAA FSDO
FIELD ELEV 559
DE-ICE PAD C WEST
TERMINAL
U.S. CUSTOMS
CARGO
ILS HOLD
100 RAMP
NORTH RAMP
DE-ICE PAD C EAST
ELEV 541
EMAS
6402 X 150
224°
280°
100°
ELEV 555
ELEV 536
ILS HOLD
CARGO
900 RAMP
FBO
800 RAMP
700 RAMP
4000 X 100
256°
076°
FIRE STATION
0.5% DOWN
8001 X 150
DE-ICE PAD T
43°07'N
ELEV 545
TWR
NY ARNG
300 RAMP
HANGARS
FBO
0.3% UP
044°
DE-ICE PAD A
RUN-UP AREA
CAT 2 HOLDING
ELEV 527
Not for Part 121/Part 380 Air Carrier Use or Foreign Air Carrier Equivalent: RWY 07-25.
RWY 04-22
PCR 740 R/B/W/T
S-126, D-160, 2D-265
RWY 07-25
PCN 95 F/C/X/T
S-32, D-42
RWY 10-28
PCR 1190 F/C/X/T
S-126, D-160, 2D-265
VAR 12° W
JANUARY 2015
ANNUAL RATE OF CHANGE
0.0° E
43°06'N
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
77°41'W
77°40'W
AIRPORT DIAGRAM
26190
ROCHESTER, NEW YORK
FREDERICK DOUGLASS/GREATER ROCHESTER INTL (ROC)

26246

AIRPORT DIAGRAM

AL-9515 (FAA)

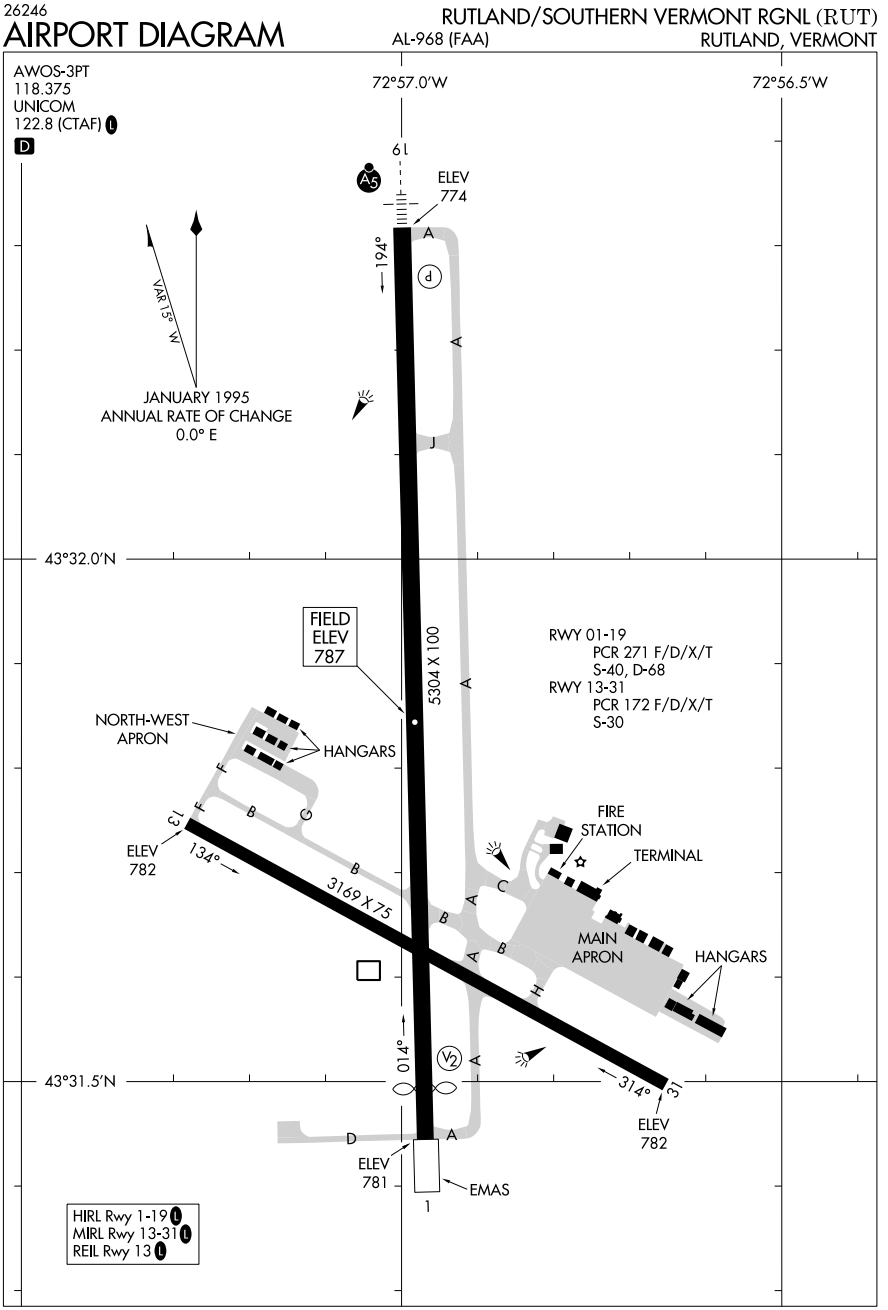
GRIFFISS INTL (RME)
ROME, NEW YORK



AIRPORT DIAGRAM

26246

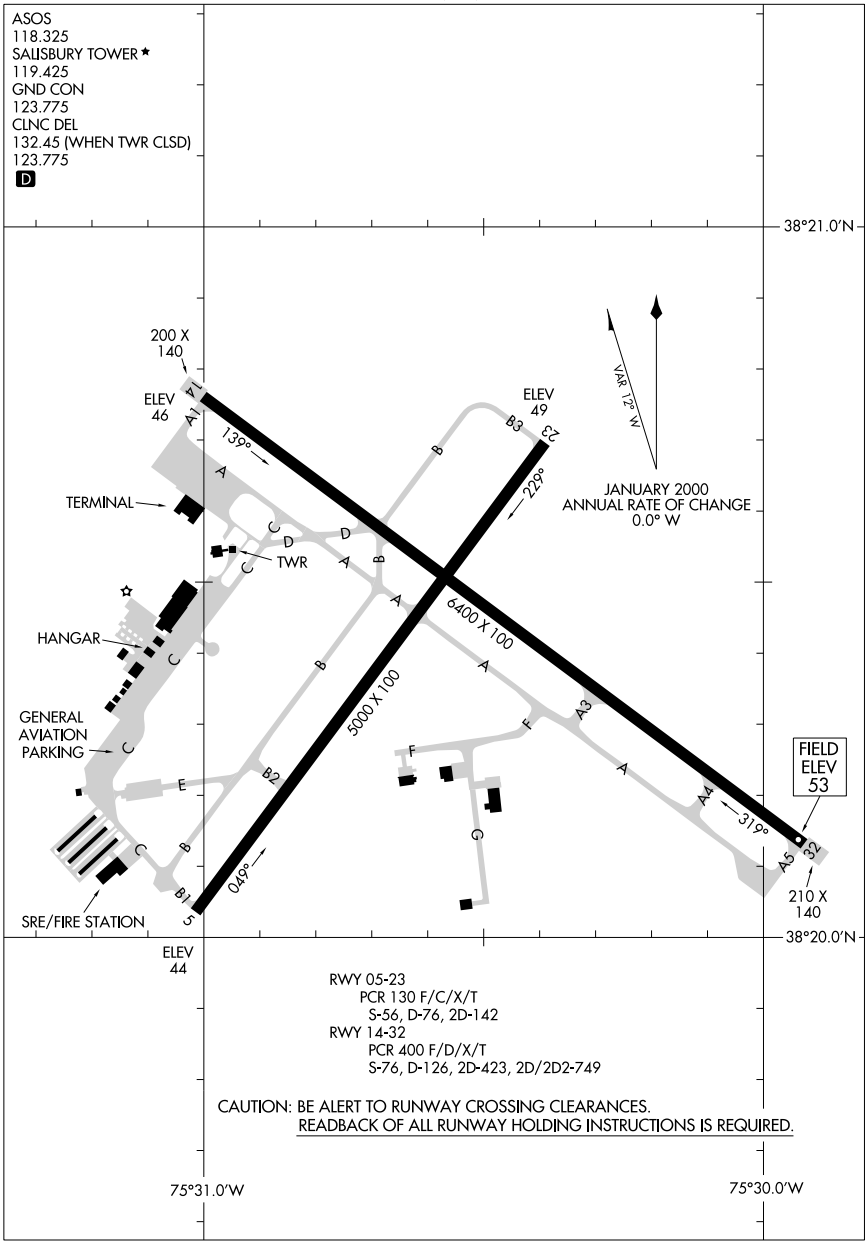
ROME, NEW YORK
GRIFFISS INTL (RME)


26246
AIRPORT DIAGRAM
RUTLAND/SOUTHERN VERMONT RGNL (RUT)
AL-968 (FAA)
RUTLAND, VERMONT
AWOS-3PT
118.375
UNICOM
122.8 (CTAF) L
D
72°57.0'W
72°56.5'W
6 L
A5
ELEV
774
194°
VAR 15° W
JANUARY 1995
ANNUAL RATE OF CHANGE
0.0° E
43°32.0'N
FIELD
ELEV
787
5304 X 100
RWY 01-19
PCR 271 F/D/X/T
S-40, D-68
RWY 13-31
PCR 172 F/D/X/T
S-30
NORTH-WEST
APRON
HANGARS
FIRE
STATION
TERMINAL
ELEV
782
13
134°
3169 X 75
MAIN
APRON
HANGARS
014°
V2
314°
31
43°31.5'N
ELEV
782
ELEV
781
EMAS
1
HIRL Rwy 1-19 L
MIRL Rwy 13-31 L
REIL Rwy 13 L
AIRPORT DIAGRAM
26246
RUTLAND, VERMONT
RUTLAND/SOUTHERN VERMONT RGNL (RUT)

26134

AIRPORT DIAGRAM

SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)
AL-977 (FAA)
SALISBURY, MARYLAND



RWY 05-23
PCR 130 F/C/X/T
S-56, D-76, 2D-142
RWY 14-32
PCR 400 F/D/X/T
S-76, D-126, 2D-423, 2D/2D2-749

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

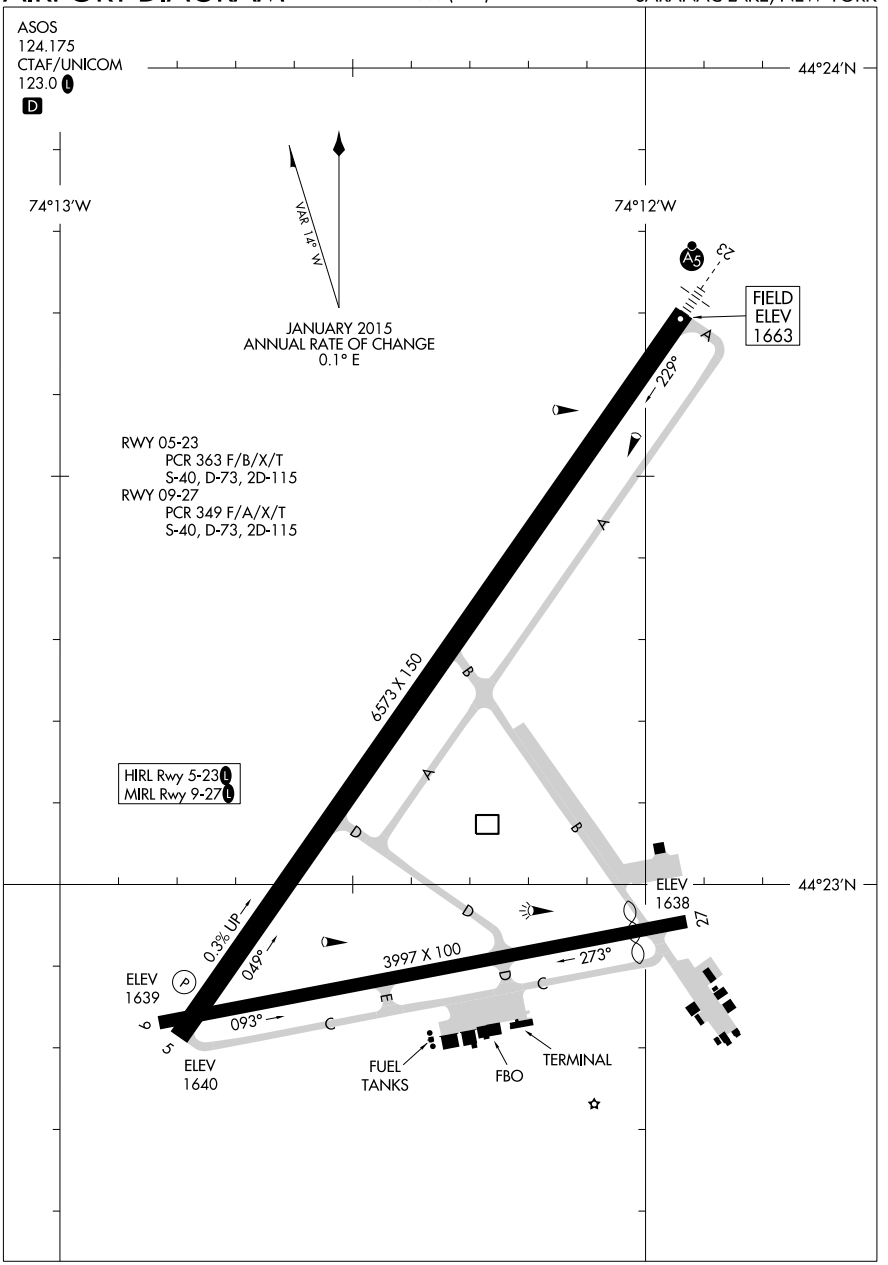
AIRPORT DIAGRAM
26134
SALISBURY, MARYLAND
SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)

26134

AIRPORT DIAGRAM

AL-806 (FAA)

ADIRONDACK RGNL (SLK)
SARANAC LAKE, NEW YORK



AIRPORT DIAGRAM

26134

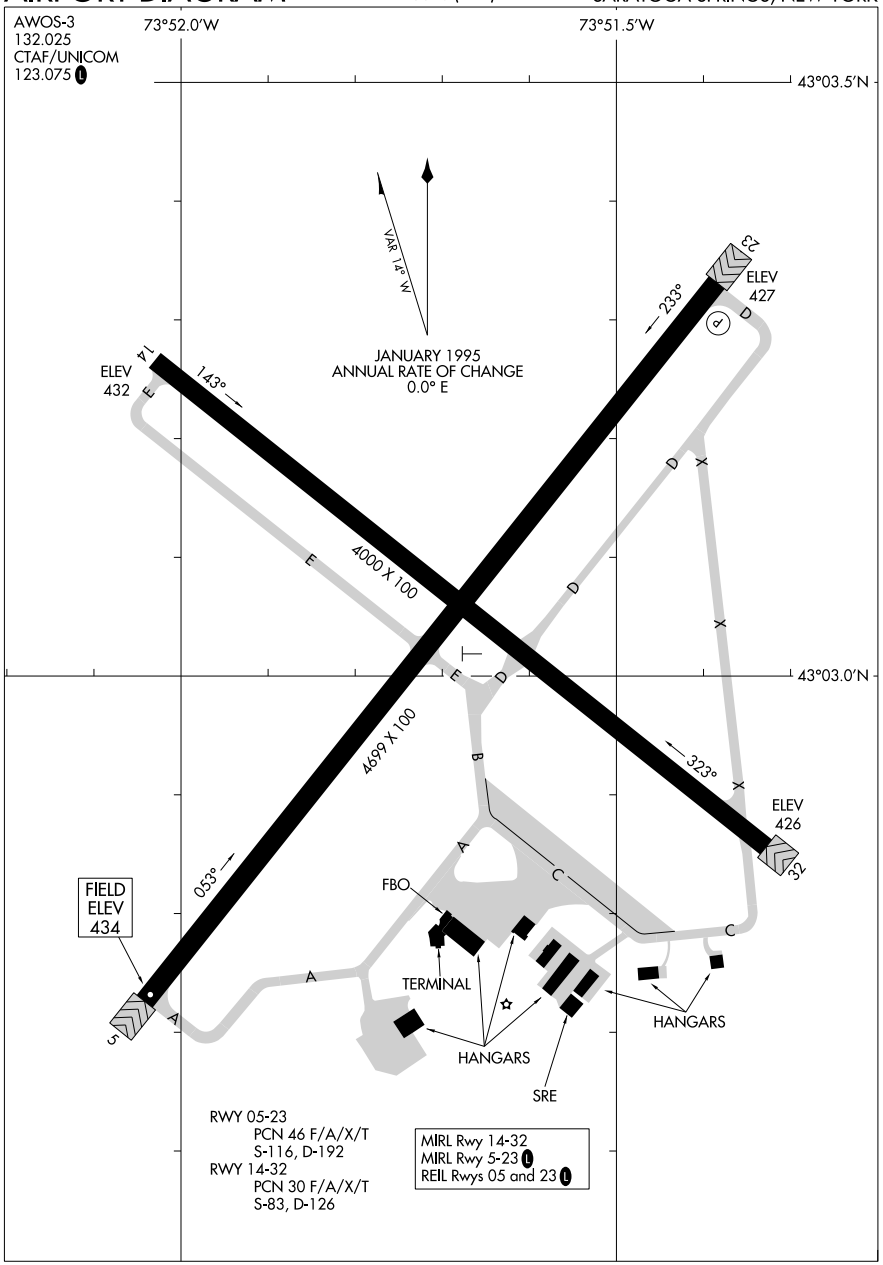
SARANAC LAKE, NEW YORK
ADIRONDACK RGNL (SLK)

26134

AIRPORT DIAGRAM

AL-5816 (FAA)

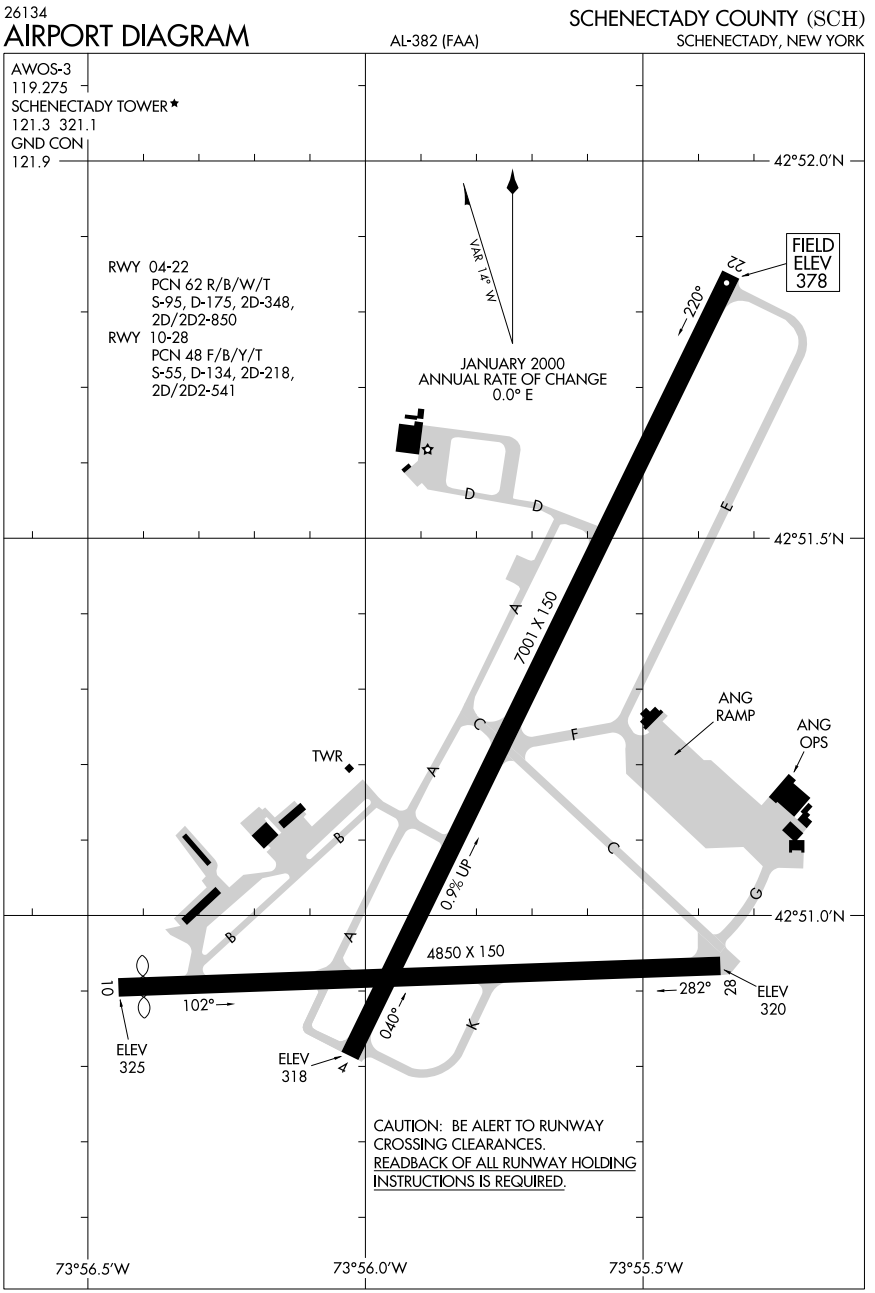
SARATOGA COUNTY (5B2)
SARATOGA SPRINGS, NEW YORK

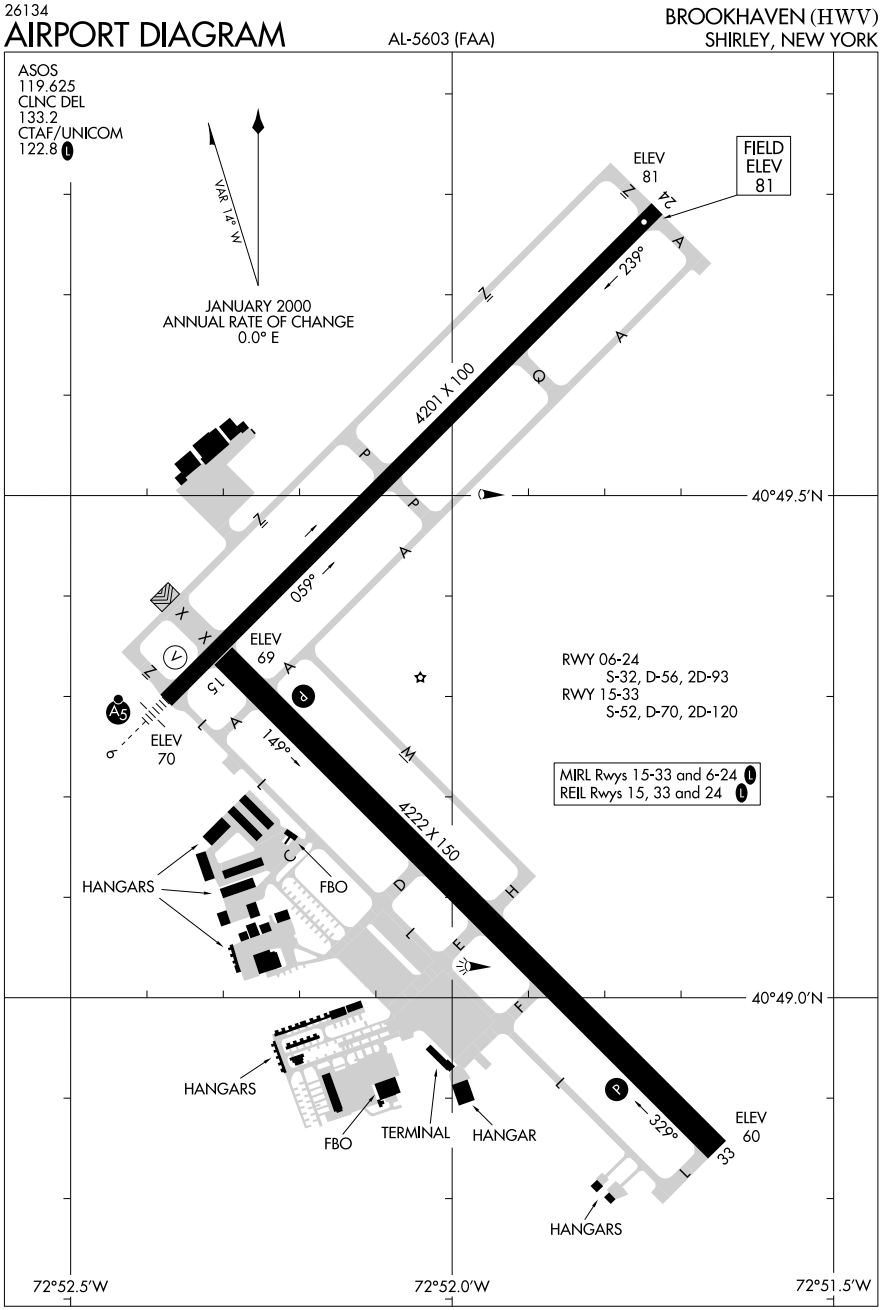


AIRPORT DIAGRAM

26134

SARATOGA SPRINGS, NEW YORK
SARATOGA COUNTY (5B2)


26134
AIRPORT DIAGRAM
AL-382 (FAA)
SCHENECTADY COUNTY (SCH)
SCHENECTADY, NEW YORK
AWOS-3
119.275
SCHENECTADY TOWER*
121.3 321.1
GND CON
121.9
42°52.0'N
RWY 04-22
PCN 62 R/B/W/T
S-95, D-175, 2D-348,
2D/2D2-850
RWY 10-28
PCN 48 F/B/Y/T
S-55, D-134, 2D-218,
2D/2D2-541
VAR 14° W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° E
FIELD
ELEV
378
22
220°
42°51.5'N
7001 X 150
ANG
RAMP
ANG
OPS
TWR
0.9% UP
42°51.0'N
4850 X 150
10
102°
282°
28
ELEV
320
ELEV
325
ELEV
318
040°
CAUTION: BE ALERT TO RUNWAY
CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING
INSTRUCTIONS IS REQUIRED.
73°56.5'W
73°56.0'W
73°55.5'W
AIRPORT DIAGRAM
26134
SCHENECTADY, NEW YORK
SCHENECTADY COUNTY (SCH)


26134
AIRPORT DIAGRAM
AL-5603 (FAA)
BROOKHAVEN (HWV)
SHIRLEY, NEW YORK
ASOS
119.625
CLNC DEL
133.2
CTAF/UNICOM
122.8
VAR 14° W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° E
ELEV
81
FIELD
ELEV
81
24
239°
4201 X 100
059°
ELEV
69
15
149°
4222 X 150
ELEV
70
A5
RWY 06-24
S-32, D-56, 2D-93
RWY 15-33
S-52, D-70, 2D-120
MIRL Rwys 15-33 and 6-24
REIL Rwys 15, 33 and 24
HANGARS
FBO
HANGARS
FBO
TERMINAL
HANGAR
HANGARS
329°
ELEV
60
33
40°49.5'N
40°49.0'N
72°52.5'W
72°52.0'W
72°51.5'W
AIRPORT DIAGRAM
26134
SHIRLEY, NEW YORK
BROOKHAVEN (HWV)

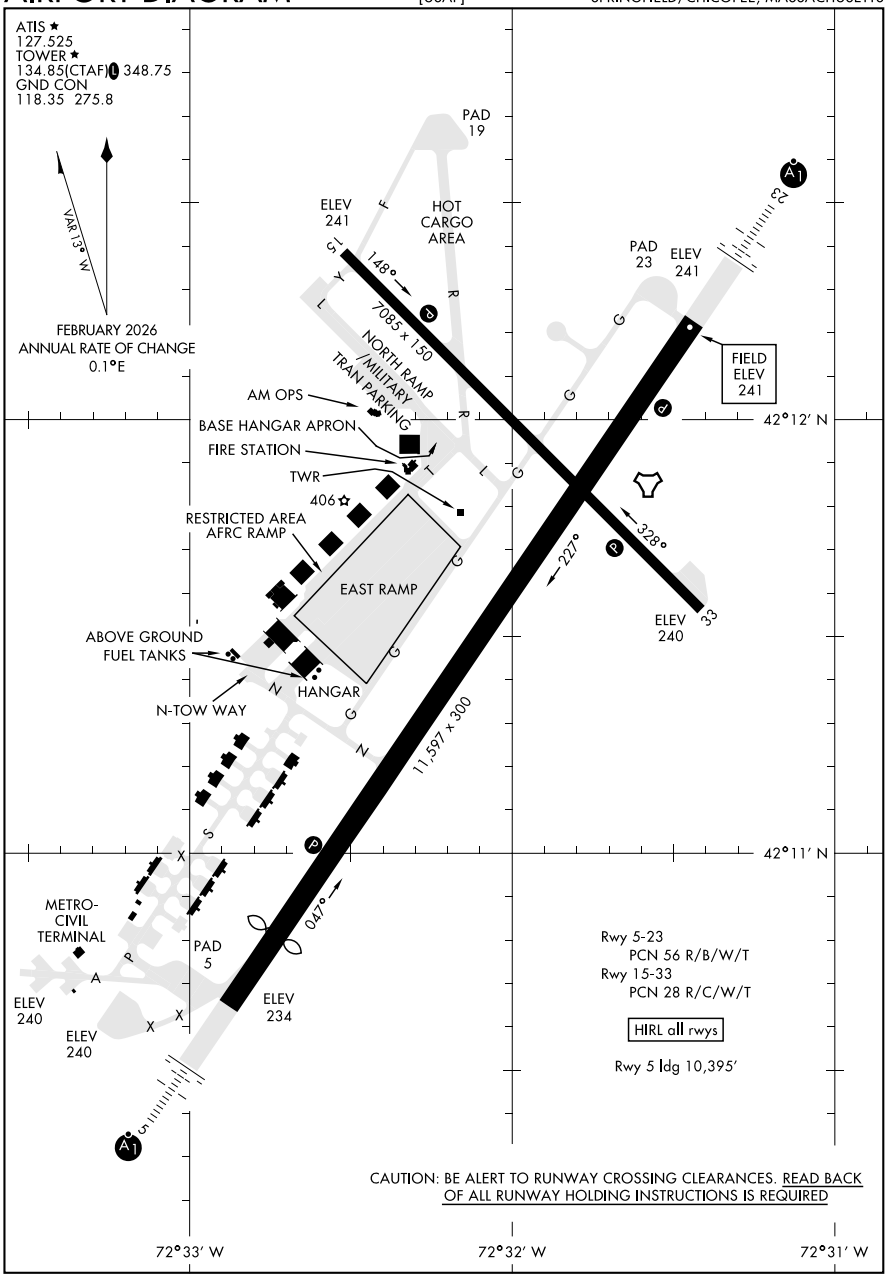
26190

AIRPORT DIAGRAM

WESTOVER ARB/METROPOLITAN (KCEF)

[USAF]

SPRINGFIELD/CHICOPEE, MASSACHUSETTS



AIRPORT DIAGRAM

SPRINGFIELD/CHICOPEE, MASSACHUSETTS

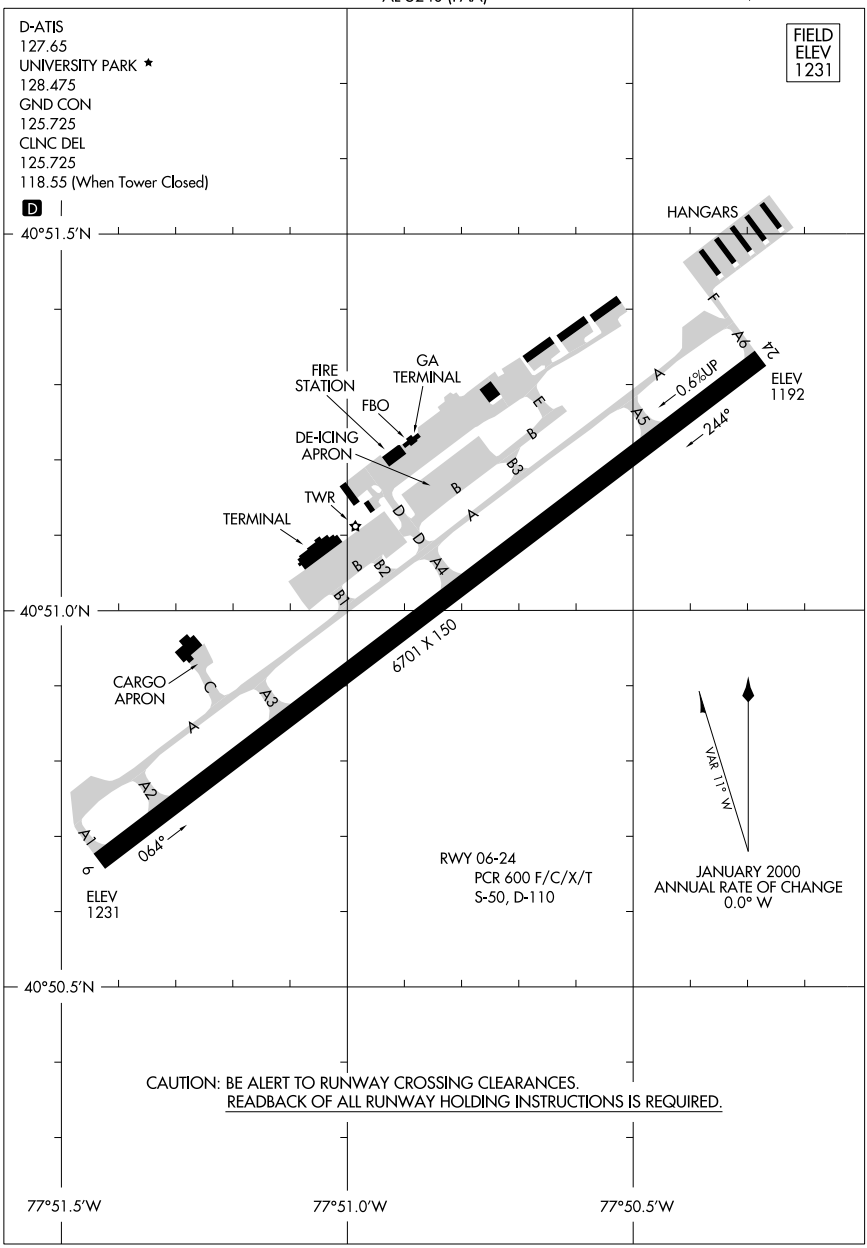
WESTOVER ARB/METROPOLITAN (KCEF)

26134

AIRPORT DIAGRAM

AL-5240 (FAA)

STATE COLLEGE RGNL (UNV)
STATE COLLEGE, PENNSYLVANIA

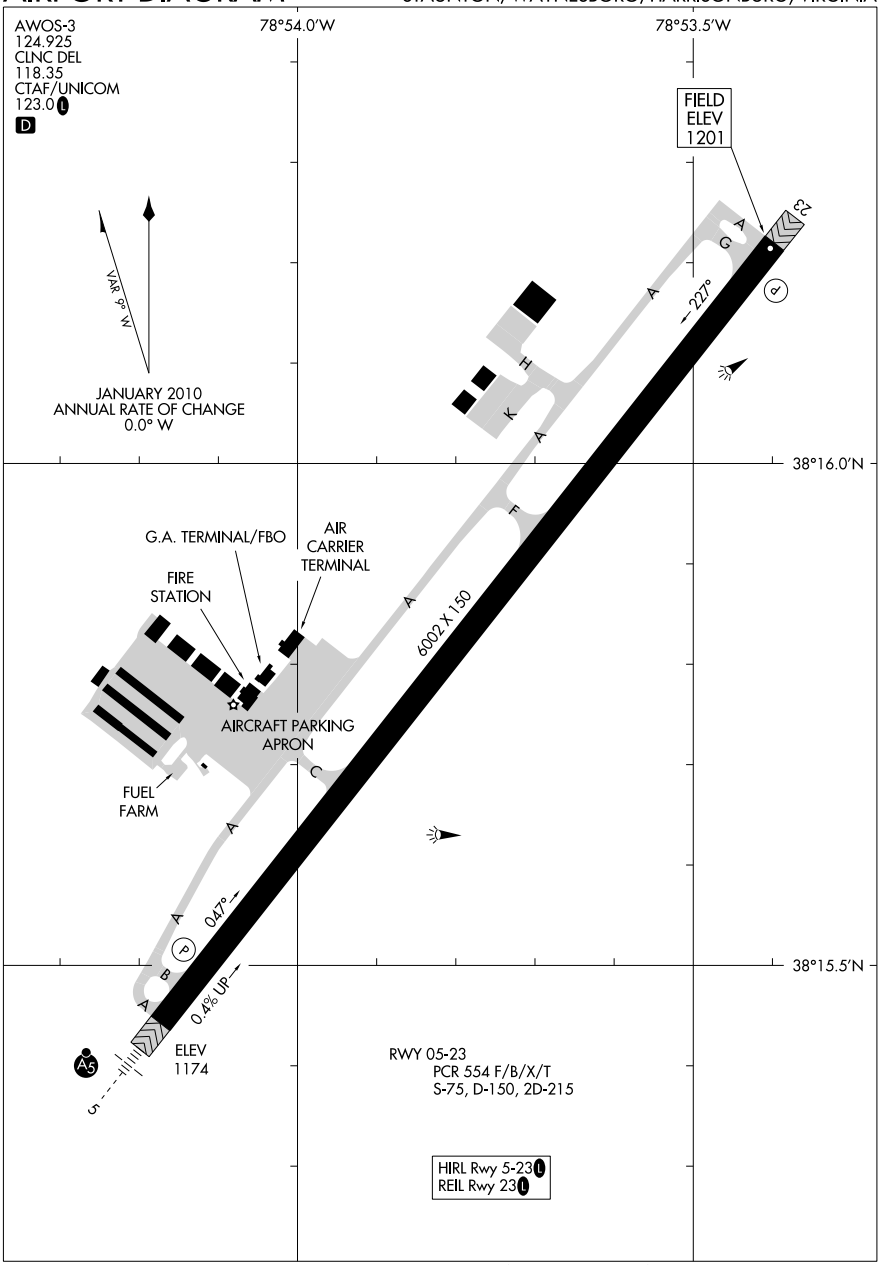


AIRPORT DIAGRAM
26134
STATE COLLEGE, PENNSYLVANIA
STATE COLLEGE RGNL (UNV)

26190

AIRPORT DIAGRAM

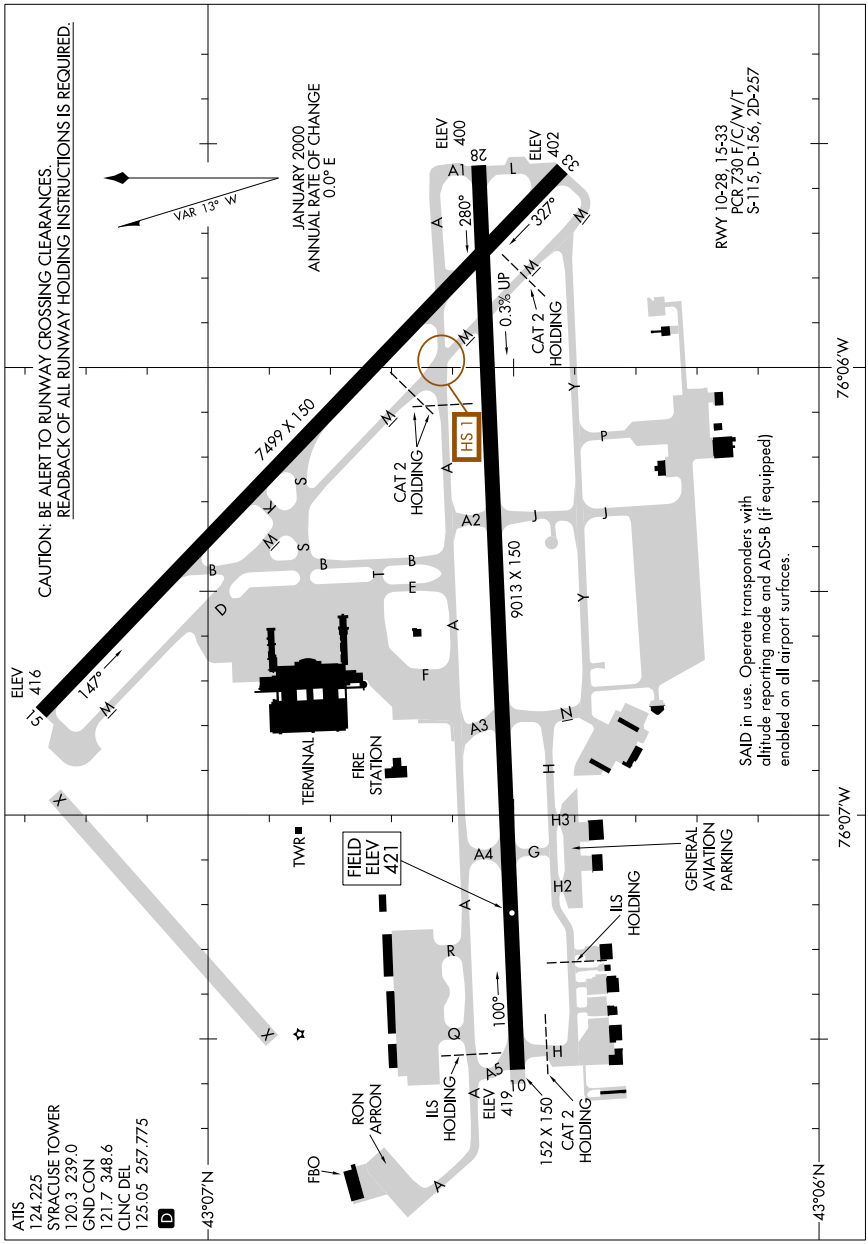
AL-5369 (FAA) SHENANDOAH VALLEY RGNL (SHD)
STAUNTON/WAYNESBORO/HARRISONBURG, VIRGINIA

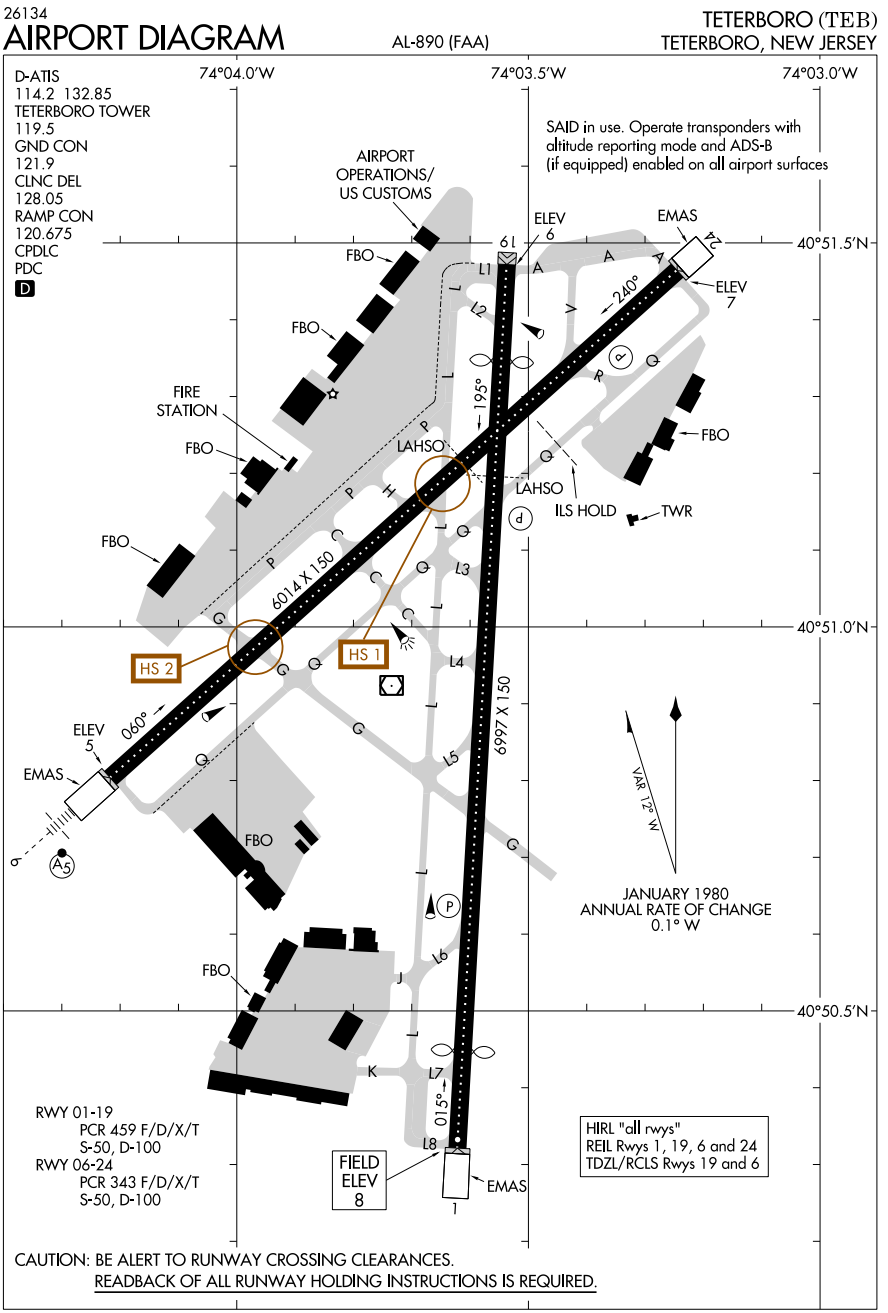


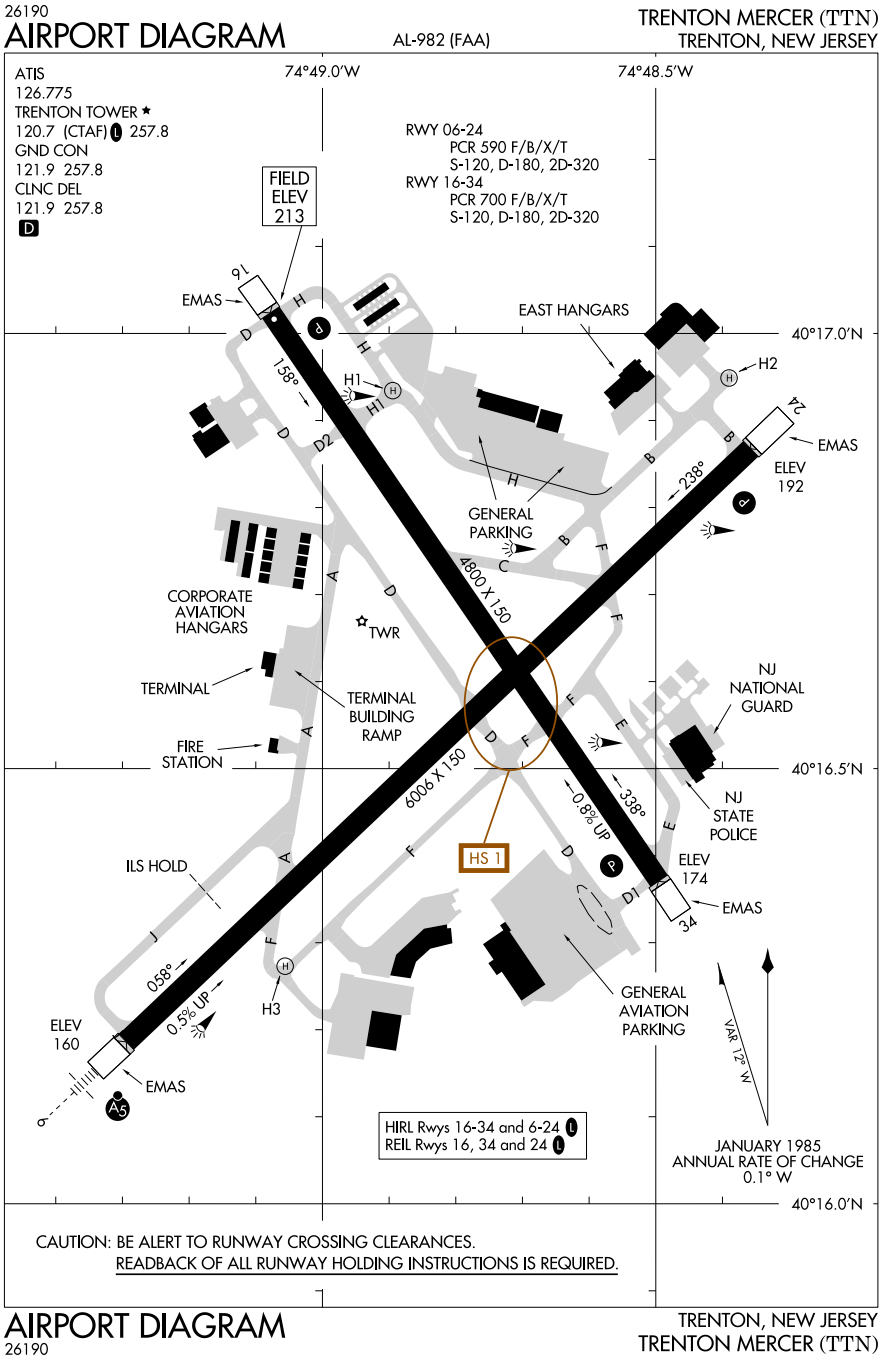
AIRPORT DIAGRAM

26190

STAUNTON/WAYNESBORO/HARRISONBURG, VIRGINIA
SHENANDOAH VALLEY RGNL (SHD)


26134
AIRPORT DIAGRAM
AL-411 (FAA)
SYRACUSE HANCOCK INTL (SYR)
SYRACUSE, NEW YORK
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
VAR 13° W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° E
ELEV 400
ELEV 402
RWY 10-28, 15-33
PCR 730 F/C/W/T
S-115, D-156, 2D-257
280°
327°
0.3% UP
CAT 2 HOLDING
HS 1
7499 X 150
9013 X 150
ELEV 416
147°
CAT 2 HOLDING
TERMINAL
FIRE STATION
SAID in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
TWR
FIELD ELEV 421
GENERAL AVIATION PARKING
ILS HOLDING
RON APRON
FBO
ILS HOLDING
ELEV 419
100°
152 X 150
CAT 2 HOLDING
ATIS 124.225
SYRACUSE TOWER 120.3 239.0
GND CON 121.7 348.6
CLNC DEL 125.05 257.775
D
43°07'N
43°06'N
76°06'W
76°07'W
AIRPORT DIAGRAM
26134
SYRACUSE, NEW YORK
SYRACUSE HANCOCK INTL (SYR)


26134
AIRPORT DIAGRAM
AL-890 (FAA)
TETERBORO (TEB)
TETERBORO, NEW JERSEY
D-ATIS
114.2 132.85
TETERBORO TOWER
119.5
GND CON
121.9
CLNC DEL
128.05
RAMP CON
120.675
CPDLC
PDC
D
74°04.0'W
74°03.5'W
74°03.0'W
40°51.5'N
40°51.0'N
40°50.5'N
SAID in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces
AIRPORT OPERATIONS/ US CUSTOMS
FBO
FIRE STATION
ELEV 6
EMAS
ELEV 7
240°
195°
LAHSO
ILS HOLD
TWR
6014 X 150
HS 2
HS 1
ELEV 5
060°
6997 X 150
VAR 12° W
JANUARY 1980
ANNUAL RATE OF CHANGE
0.1° W
RWY 01-19
PCR 459 F/D/X/T
S-50, D-100
RWY 06-24
PCR 343 F/D/X/T
S-50, D-100
FIELD ELEV 8
015°
HIRL "all rwys"
REIL Rwys 1, 19, 6 and 24
TDZL/RCLS Rwys 19 and 6
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
AIRPORT DIAGRAM
26134
TETERBORO, NEW JERSEY
TETERBORO (TEB)

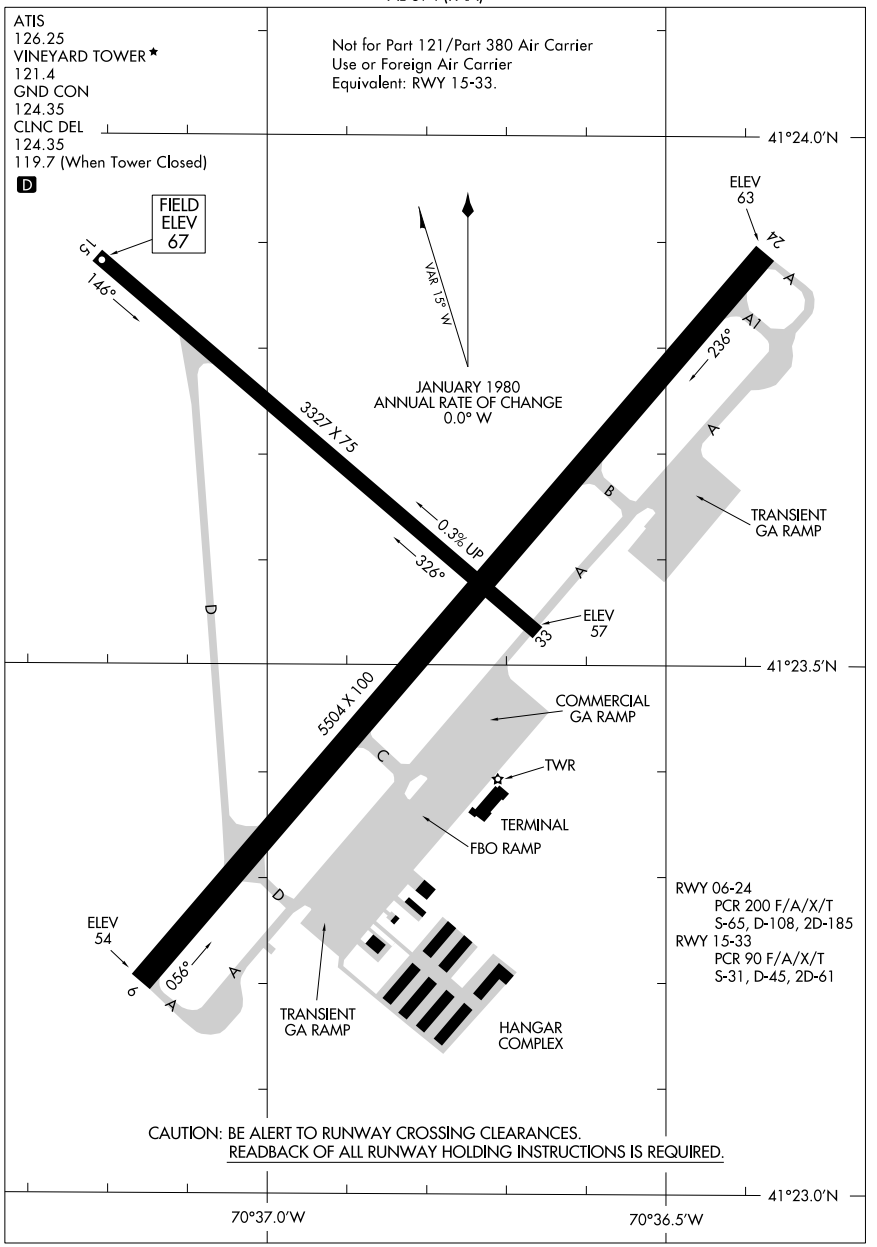

26190
AIRPORT DIAGRAM
AL-982 (FAA)
TRENTON MERCER (TTN)
TRENTON, NEW JERSEY
ATIS
126.775
TRENTON TOWER ★
120.7 (CTAF) L 257.8
GND CON
121.9 257.8
CLNC DEL
121.9 257.8
D
74°49.0'W
74°48.5'W
RWY 06-24
PCR 590 F/B/X/T
S-120, D-180, 2D-320
RWY 16-34
PCR 700 F/B/X/T
S-120, D-180, 2D-320
FIELD ELEV 213
EMAS
16
EAST HANGARS
40°17.0'N
H1
H2
158°
24
EMAS
ELEV 192
238°
GENERAL PARKING
4800 X 150
CORPORATE AVIATION HANGARS
TWR
TERMINAL
TERMINAL BUILDING RAMP
NJ NATIONAL GUARD
FIRE STATION
40°16.5'N
6006 X 150
0.8% UP
338°
NJ STATE POLICE
HS 1
ILS HOLD
ELEV 174
34
EMAS
058°
0.5% UP
H3
ELEV 160
EMAS
GENERAL AVIATION PARKING
VAR 12° W
HIRL Rwys 16-34 and 6-24 L
REIL Rwys 16, 34 and 24 L
JANUARY 1985
ANNUAL RATE OF CHANGE
0.1° W
40°16.0'N
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
AIRPORT DIAGRAM
26190
TRENTON, NEW JERSEY
TRENTON MERCER (TTN)

26134

AIRPORT DIAGRAM

AL-694 (FAA)

MARTHA'S VINEYARD (MVY)
VINEYARD HAVEN, MASSACHUSETTS



AIRPORT DIAGRAM

VINEYARD HAVEN, MASSACHUSETTS
MARTHA'S VINEYARD (MVY)

26134

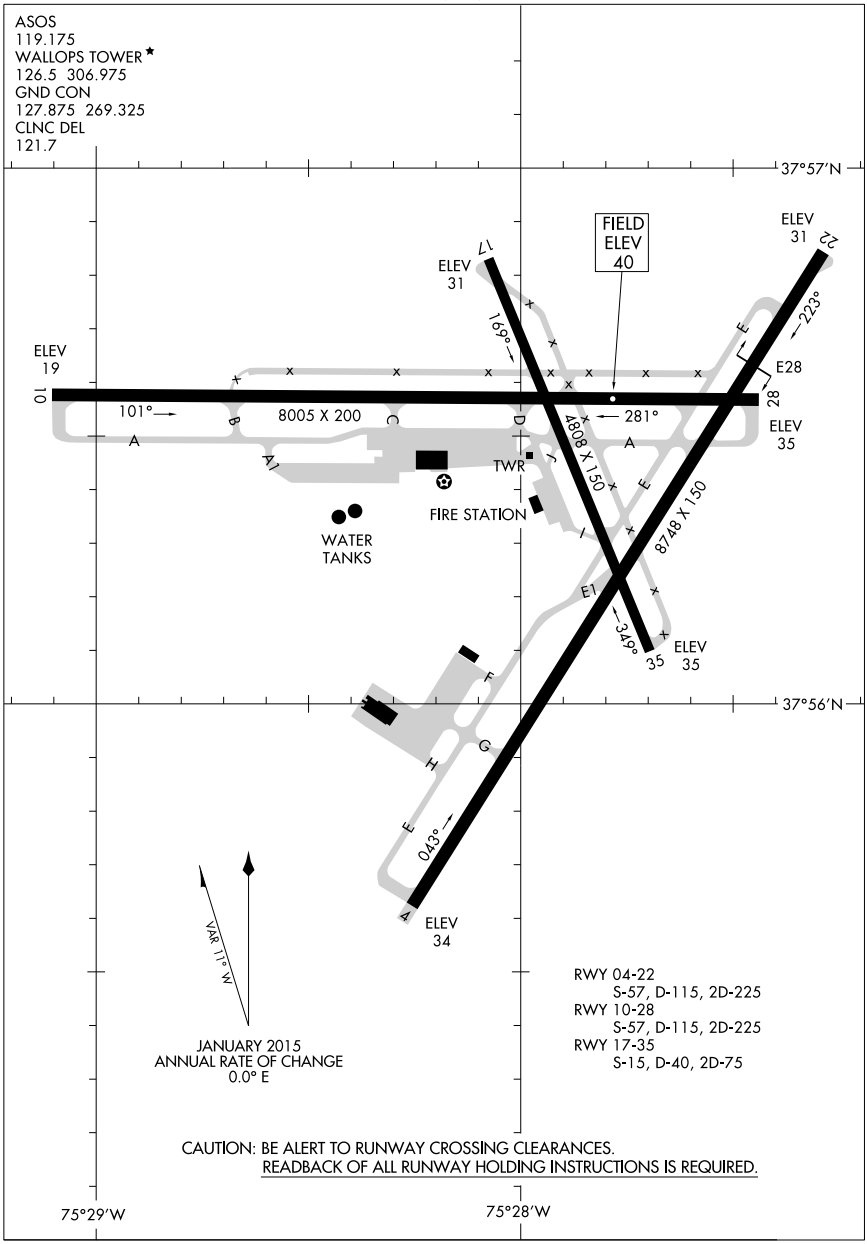
26190

AIRPORT DIAGRAM

AL-639 (FAA)

WALLOPS FLIGHT FACILITY (WAL)

WALLOPS ISLAND, VIRGINIA



AIRPORT DIAGRAM

26190

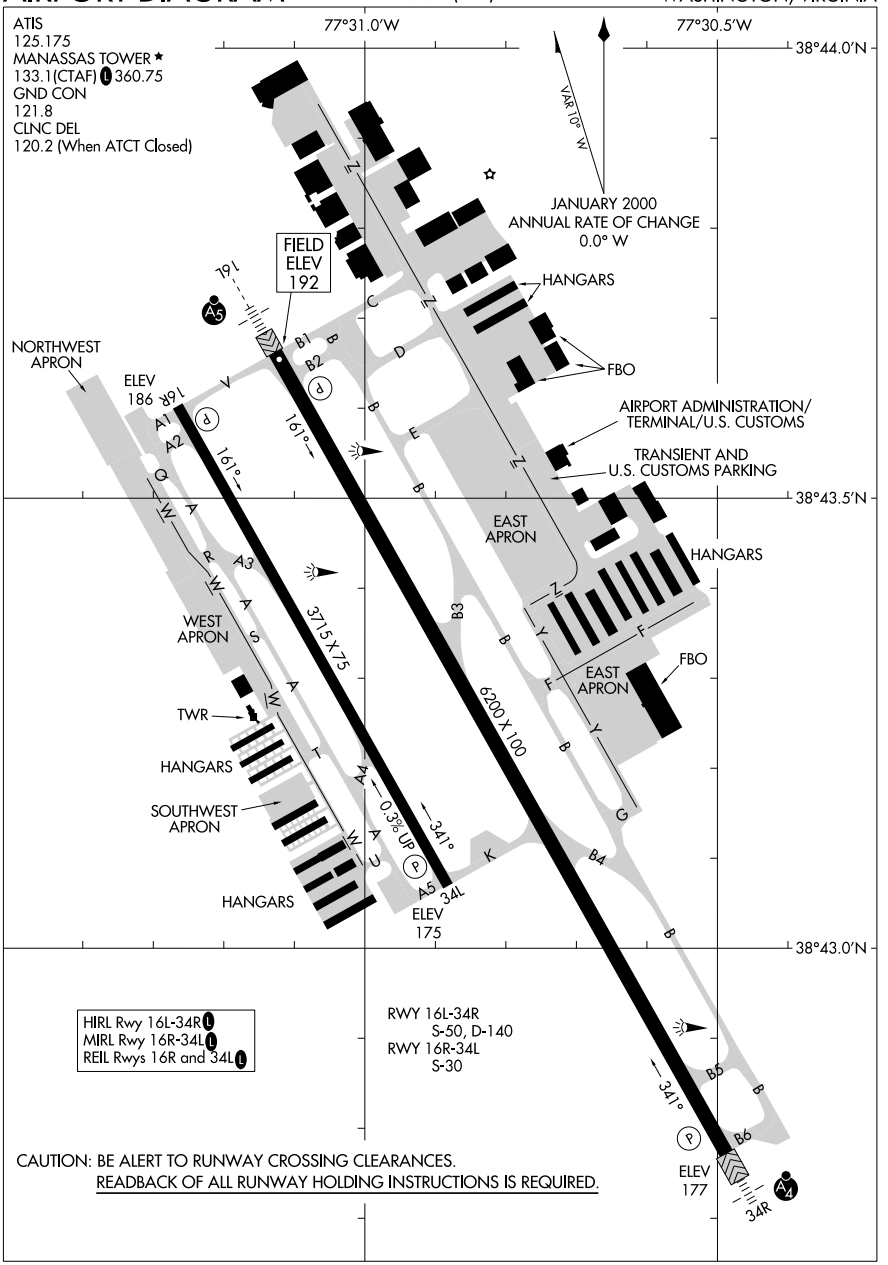
WALLOPS ISLAND, VIRGINIA

WALLOPS FLIGHT FACILITY (WAL)

26190

AIRPORT DIAGRAM

WASHINGTON MANASSAS/HARRY P DAVIS FLD (HEF)
AL-5326 (FAA)
WASHINGTON, VIRGINIA



AIRPORT DIAGRAM

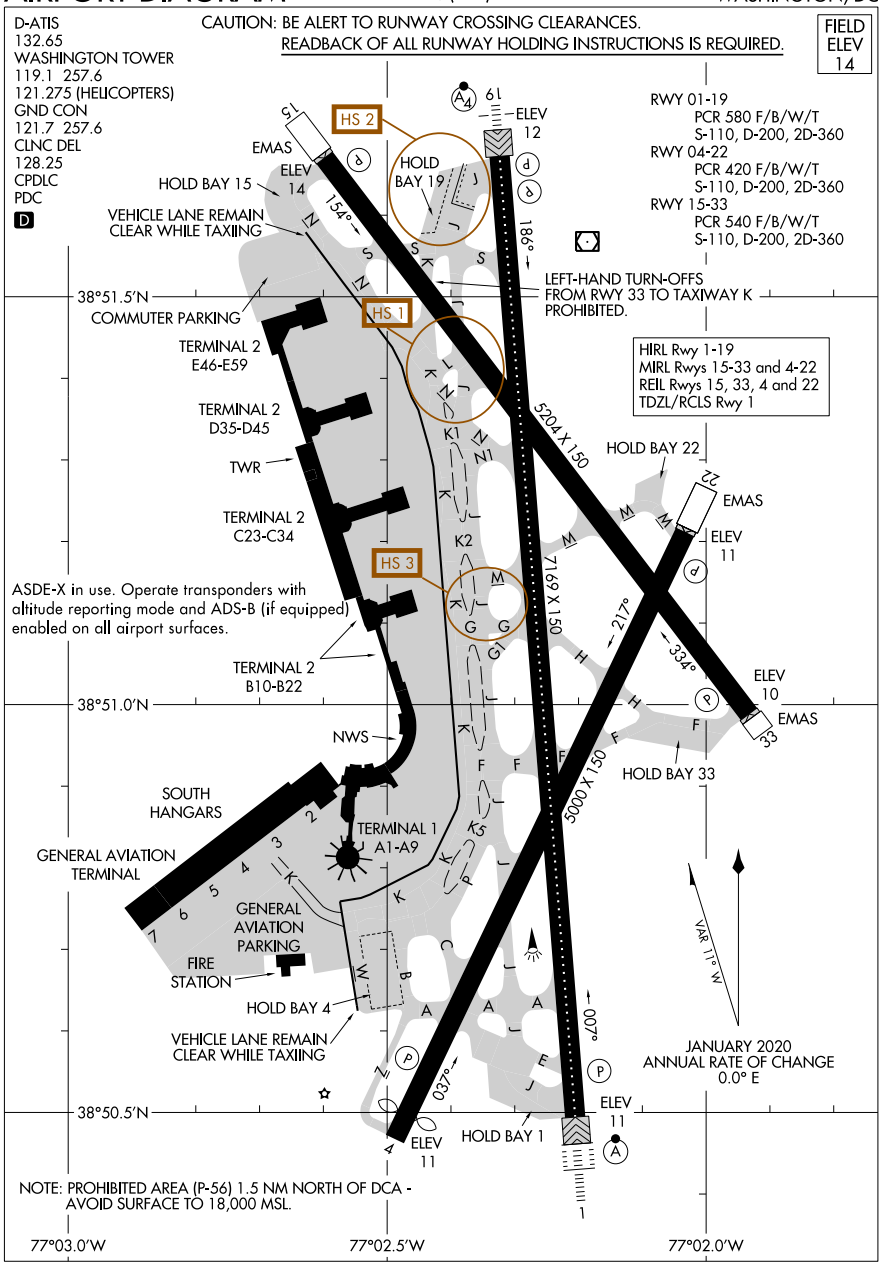
26190

WASHINGTON, VIRGINIA
WASHINGTON MANASSAS/HARRY P DAVIS FLD (HEF)

26134

AIRPORT DIAGRAM

RONALD REAGAN WASHINGTON NTL (DCA)
AL-443 (FAA)
WASHINGTON, DC



AIRPORT DIAGRAM

26134

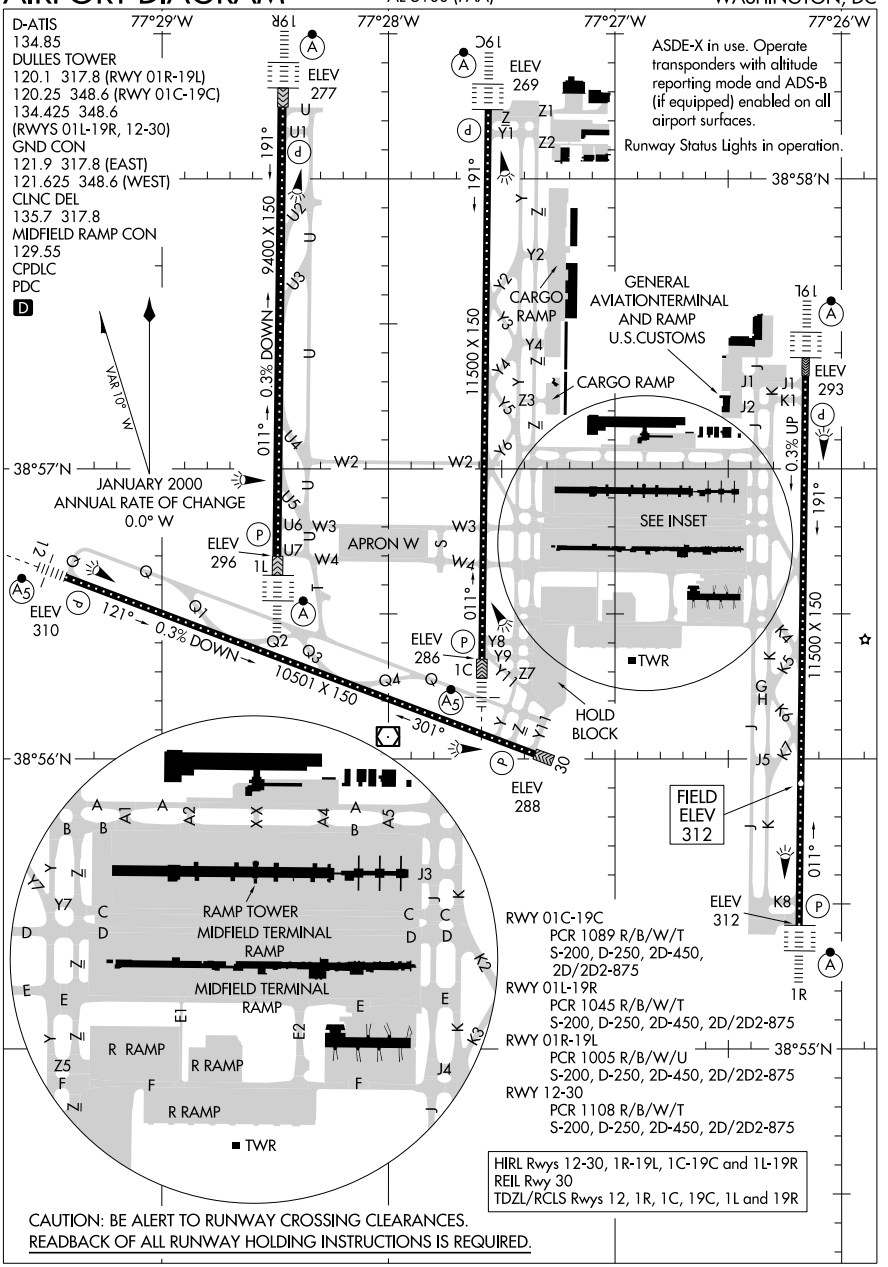
WASHINGTON, DC
RONALD REAGAN WASHINGTON NTL (DCA)

26246

AIRPORT DIAGRAM

AL-5100 (FAA)

WASHINGTON DULLES INTL (IAD)
WASHINGTON, DC



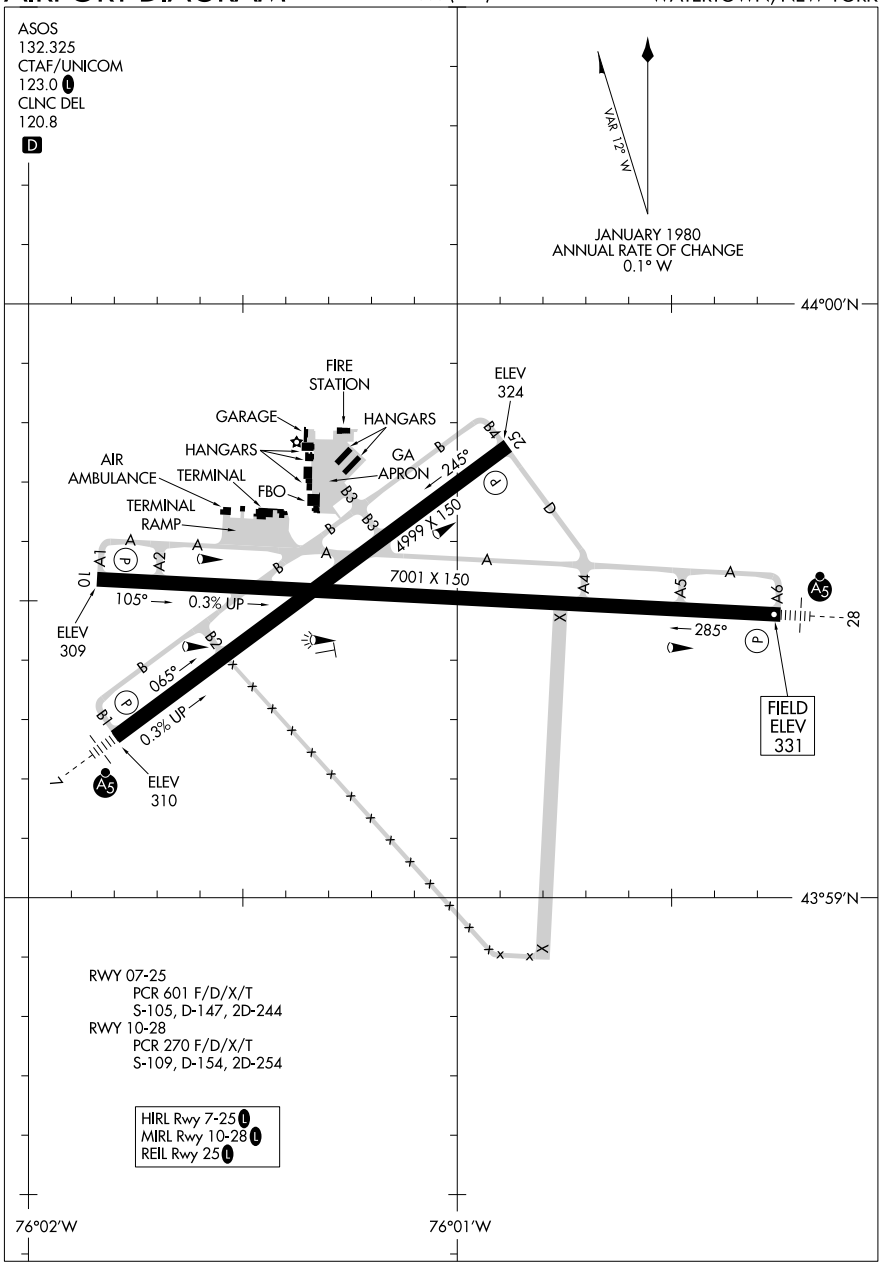
AIRPORT DIAGRAM
26246
WASHINGTON, DC
WASHINGTON DULLES INTL (IAD)

26190

AIRPORT DIAGRAM

AL-666 (FAA)

WATERTOWN INTL (ART)
WATERTOWN, NEW YORK



AIRPORT DIAGRAM

26190

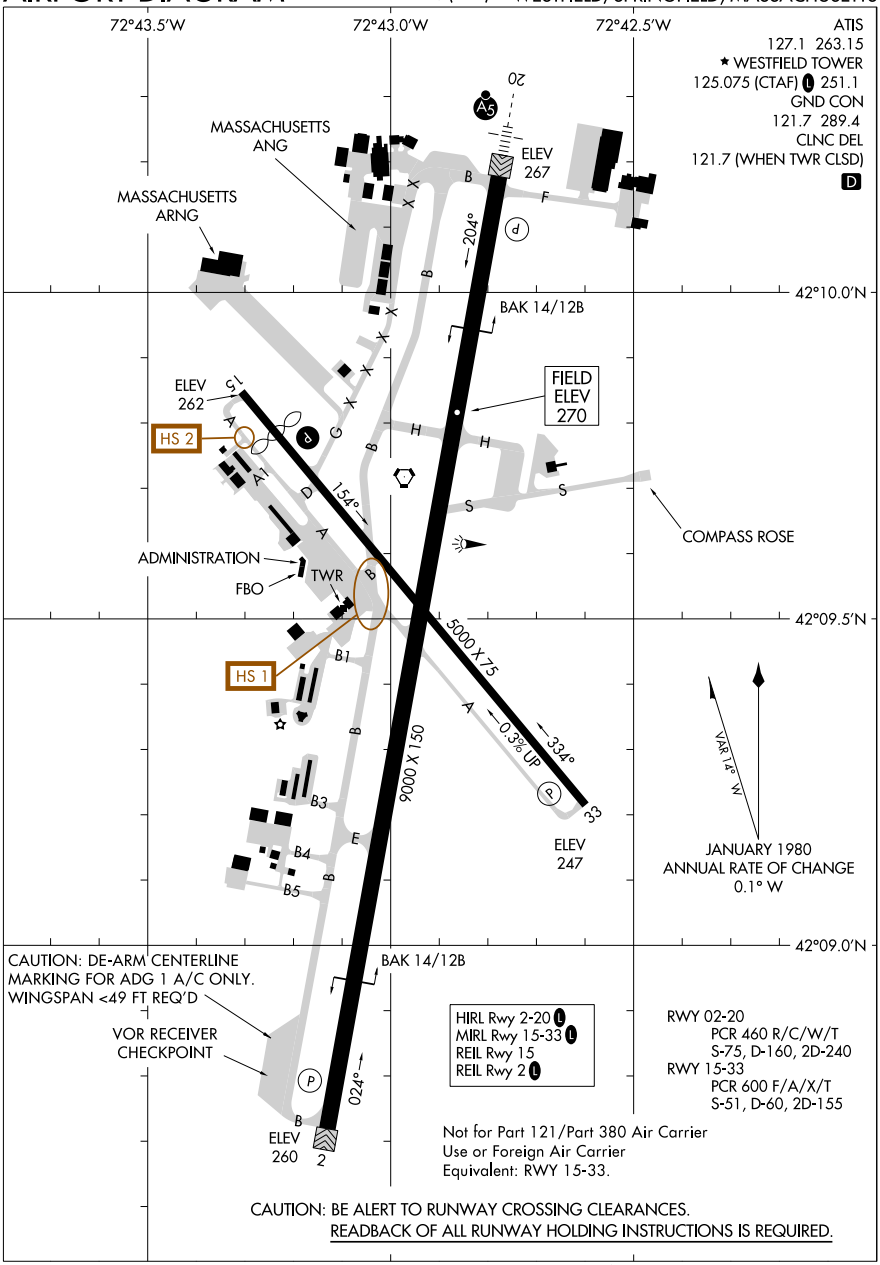
WATERTOWN, NEW YORK
WATERTOWN INTL (ART)

26190

AIRPORT DIAGRAM

AL-446 (FAA)

WESTFIELD-BARNES RGNL (BAF)
WESTFIELD/SPRINGFIELD, MASSACHUSETTS



AIRPORT DIAGRAM
26190
WESTFIELD/SPRINGFIELD, MASSACHUSETTS
WESTFIELD-BARNES RGNL (BAF)

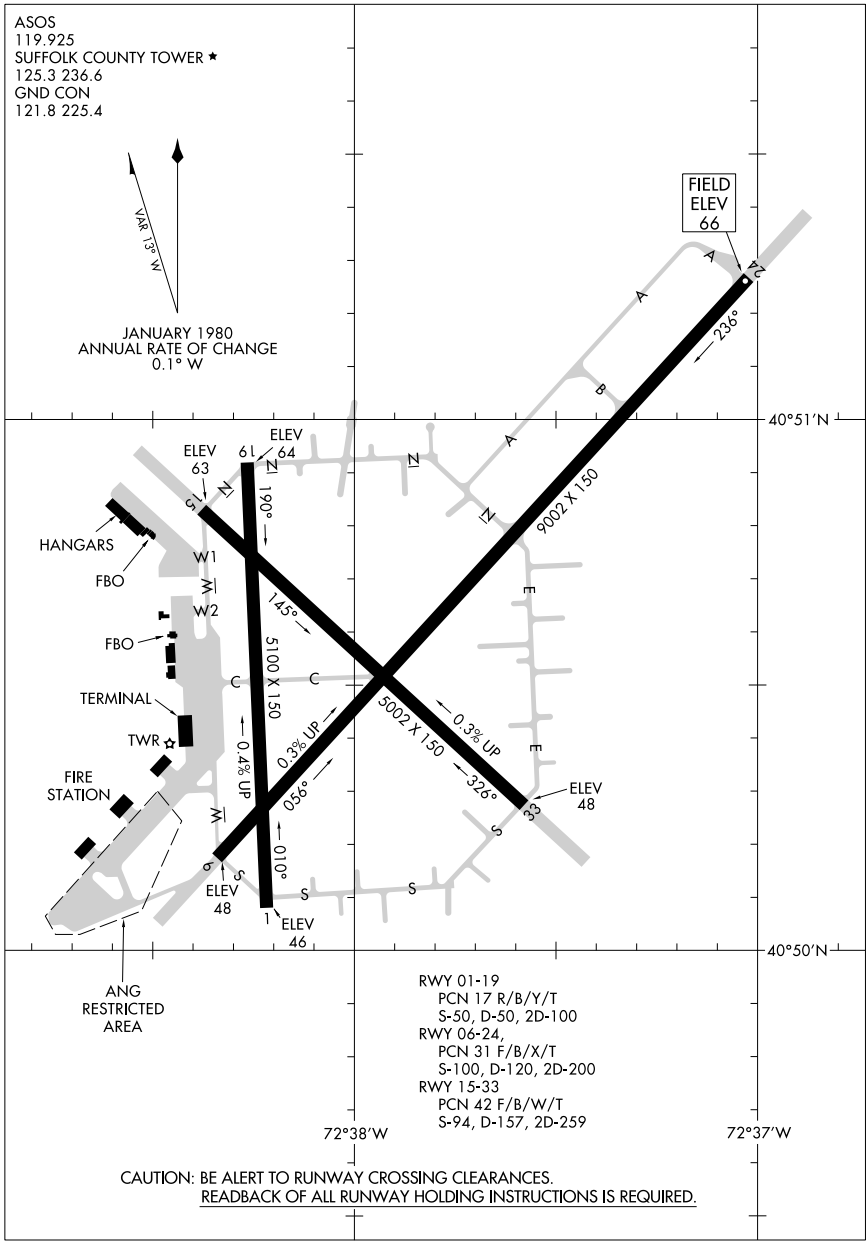
26134

AIRPORT DIAGRAM

AL-996 (FAA)

FRANCIS S GABRESKI (FOK)

WESTHAMPTON BEACH, NEW YORK



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

26134

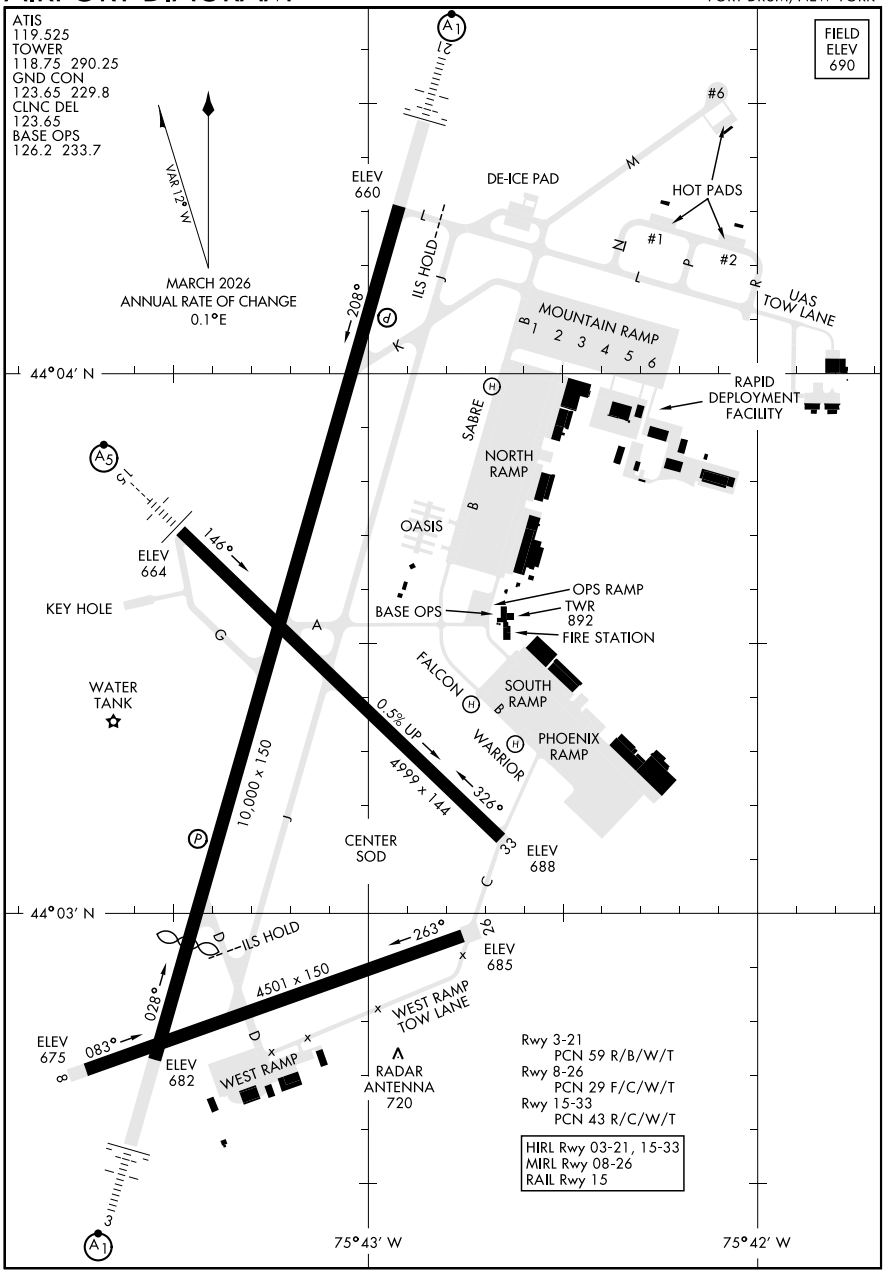
WESTHAMPTON BEACH, NEW YORK
FRANCIS S GABRESKI (FOK)

26246

AIRPORT DIAGRAM

WHEELER-SACK AAF (FORT DRUM) (KGTB)

FORT DRUM, NEW YORK



AIRPORT DIAGRAM

FORT DRUM, NEW YORK

WHEELER-SACK AAF (FORT DRUM) (KGTB)

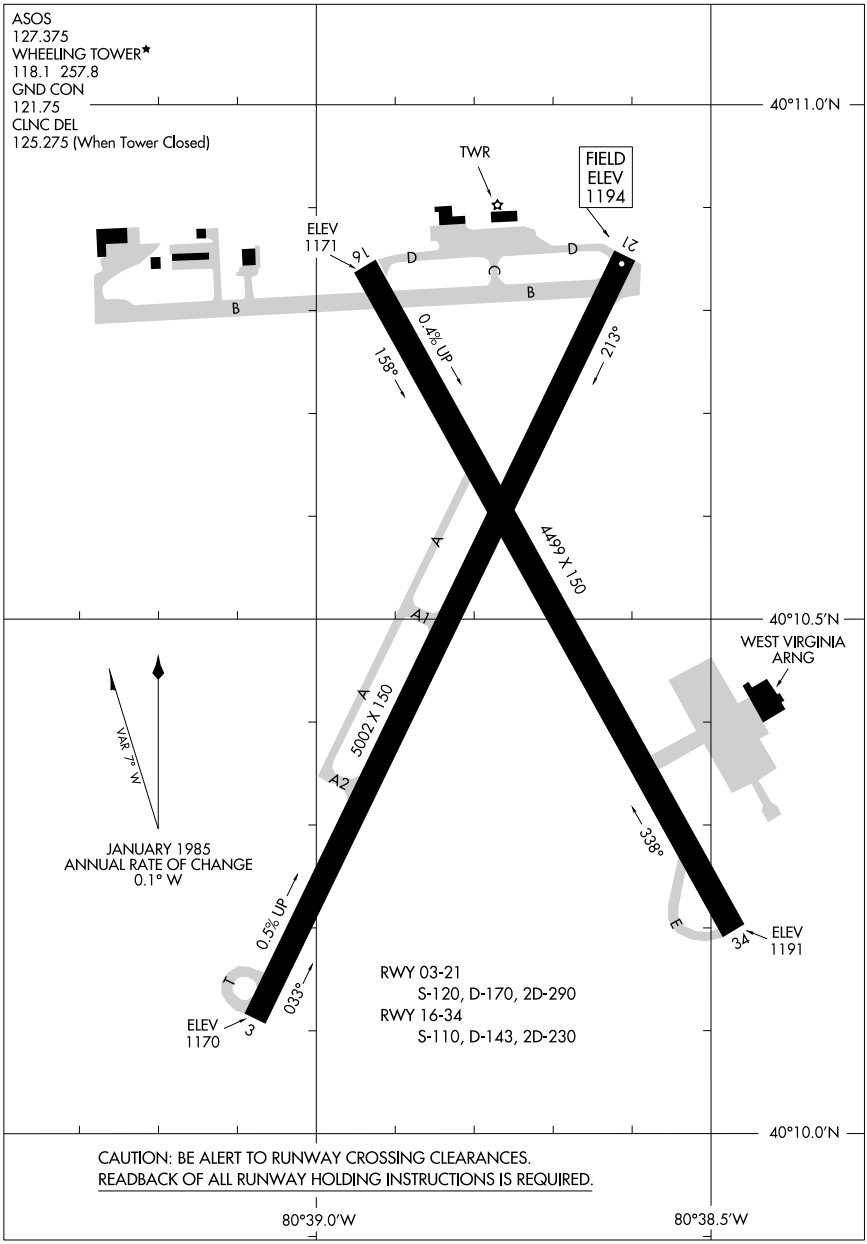
26190

AIRPORT DIAGRAM

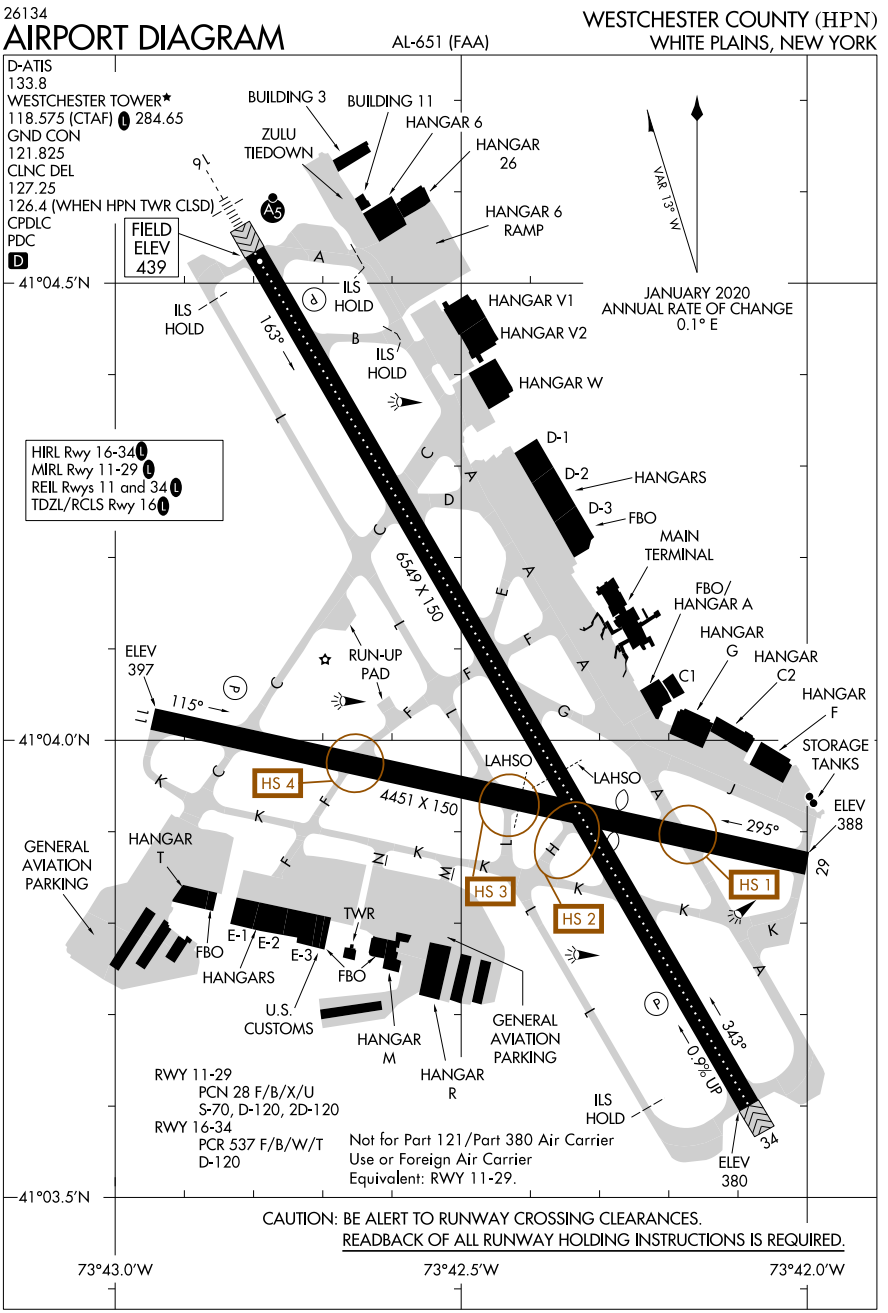
AL-650 (FAA)

WHEELING OHIO COUNTY (HLG)

WHEELING, WEST VIRGINIA



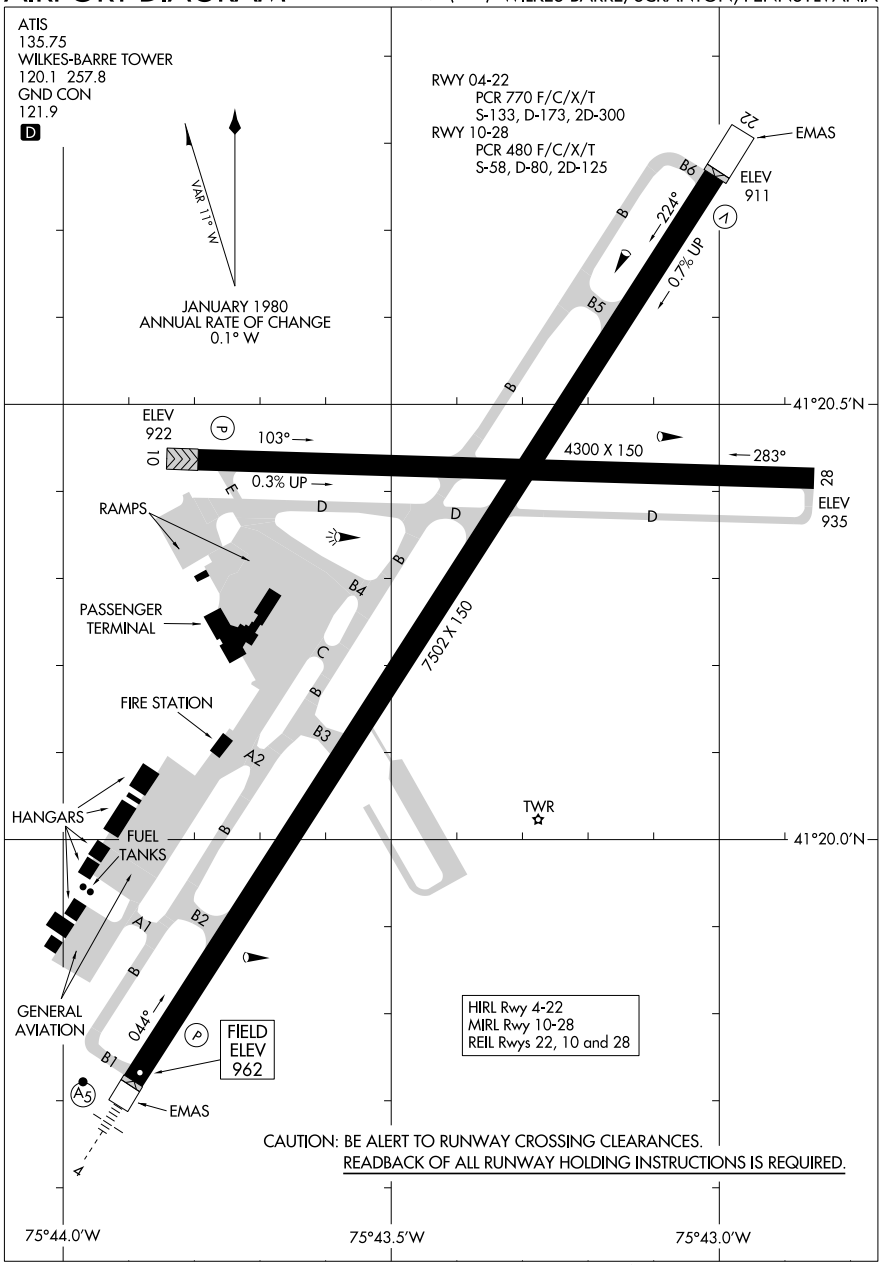
AIRPORT DIAGRAM
26190
WHEELING, WEST VIRGINIA
WHEELING OHIO COUNTY (HLG)


26134
AIRPORT DIAGRAM
AL-651 (FAA)
WESTCHESTER COUNTY (HPN)
WHITE PLAINS, NEW YORK
D-ATIS
133.8
WESTCHESTER TOWER*
118.575 (CTAF) L 284.65
GND CON
121.825
CLNC DEL
127.25
126.4 (WHEN HPN TWR CLSD)
CPDLC
PDC
D
FIELD ELEV 439
BUILDING 3
BUILDING 11
HANGAR 6
HANGAR 26
ZULU TIEDOWN
HANGAR 6 RAMP
VAR 13° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E
41°04.5'N
ILS HOLD
163°
HANGAR V1
HANGAR V2
HANGAR W
HIRL Rwy 16-34 L
MIRL Rwy 11-29 L
REIL Rwys 11 and 34 L
TDZL/RCLS Rwy 16 L
D-1
D-2
HANGARS
D-3
FBO
MAIN TERMINAL
FBO/ HANGAR A
HANGAR G
HANGAR C1
HANGAR C2
HANGAR F
STORAGE TANKS
6549 X 150
ELEV 397
115°
RUN-UP PAD
41°04.0'N
LAHSO
HS 4
4451 X 150
295°
ELEV 388
GENERAL AVIATION PARKING
HANGAR T
HS 3
HS 2
HS 1
TWR
FBO
E-1
E-2
E-3
HANGARS
FBO
U.S. CUSTOMS
HANGAR M
HANGAR R
GENERAL AVIATION PARKING
343°
0.9% UP
ILS HOLD
ELEV 380
RWY 11-29
PCN 28 F/B/X/U
S-70, D-120, 2D-120
RWY 16-34
PCR 537 F/B/W/T
D-120
Not for Part 121/Part 380 Air Carrier
Use or Foreign Air Carrier
Equivalent: RWY 11-29.
41°03.5'N
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
73°43.0'W
73°42.5'W
73°42.0'W
AIRPORT DIAGRAM
26134
WHITE PLAINS, NEW YORK
WESTCHESTER COUNTY (HPN)

26134

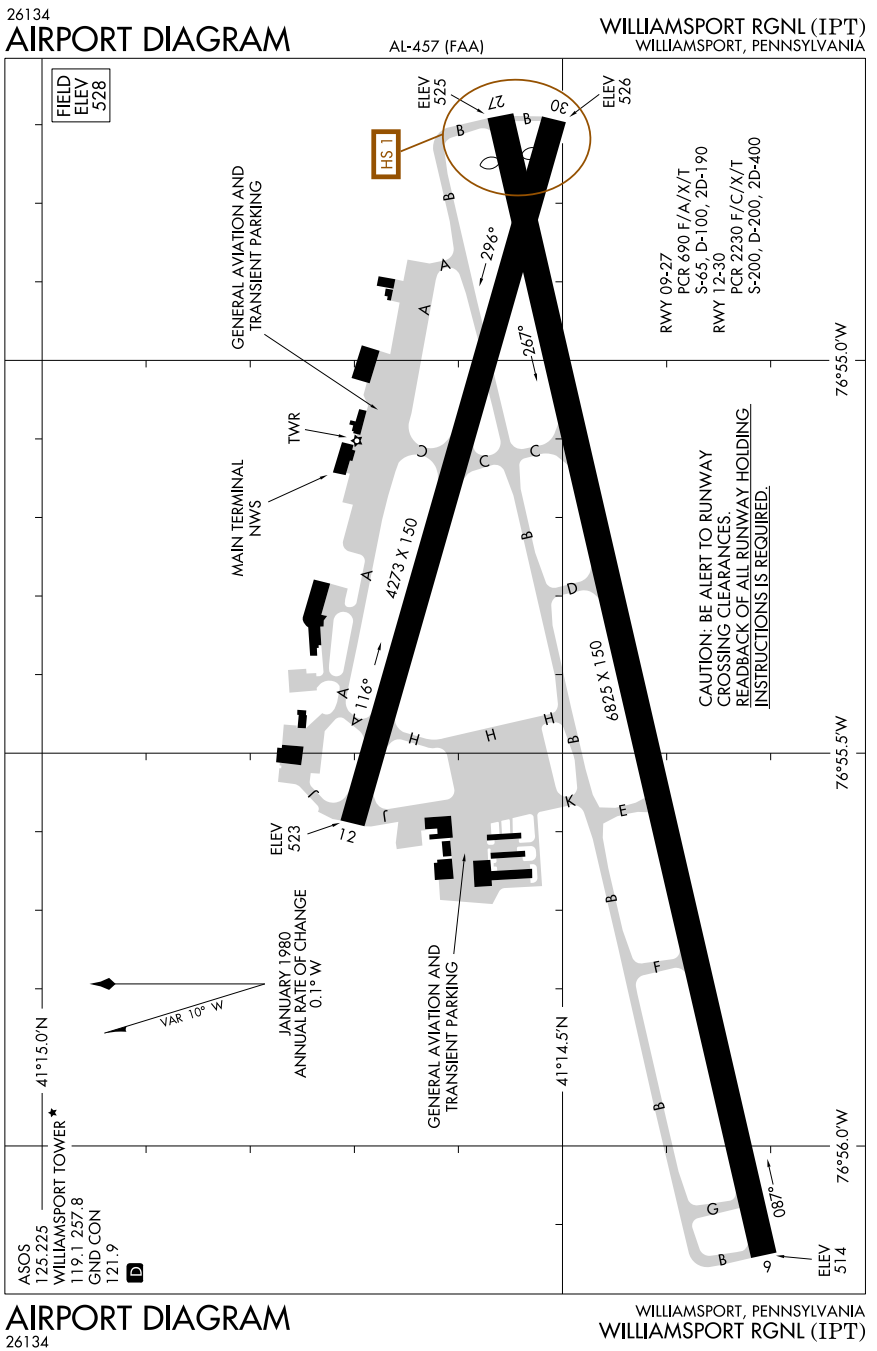
AIRPORT DIAGRAM

WILKES-BARRE/SCRANTON INTL (AVP)
AL-661 (FAA) WILKES-BARRE/SCRANTON, PENNSYLVANIA



AIRPORT DIAGRAM
26134

WILKES-BARRE/SCRANTON, PENNSYLVANIA
WILKES-BARRE/SCRANTON INTL (AVP)

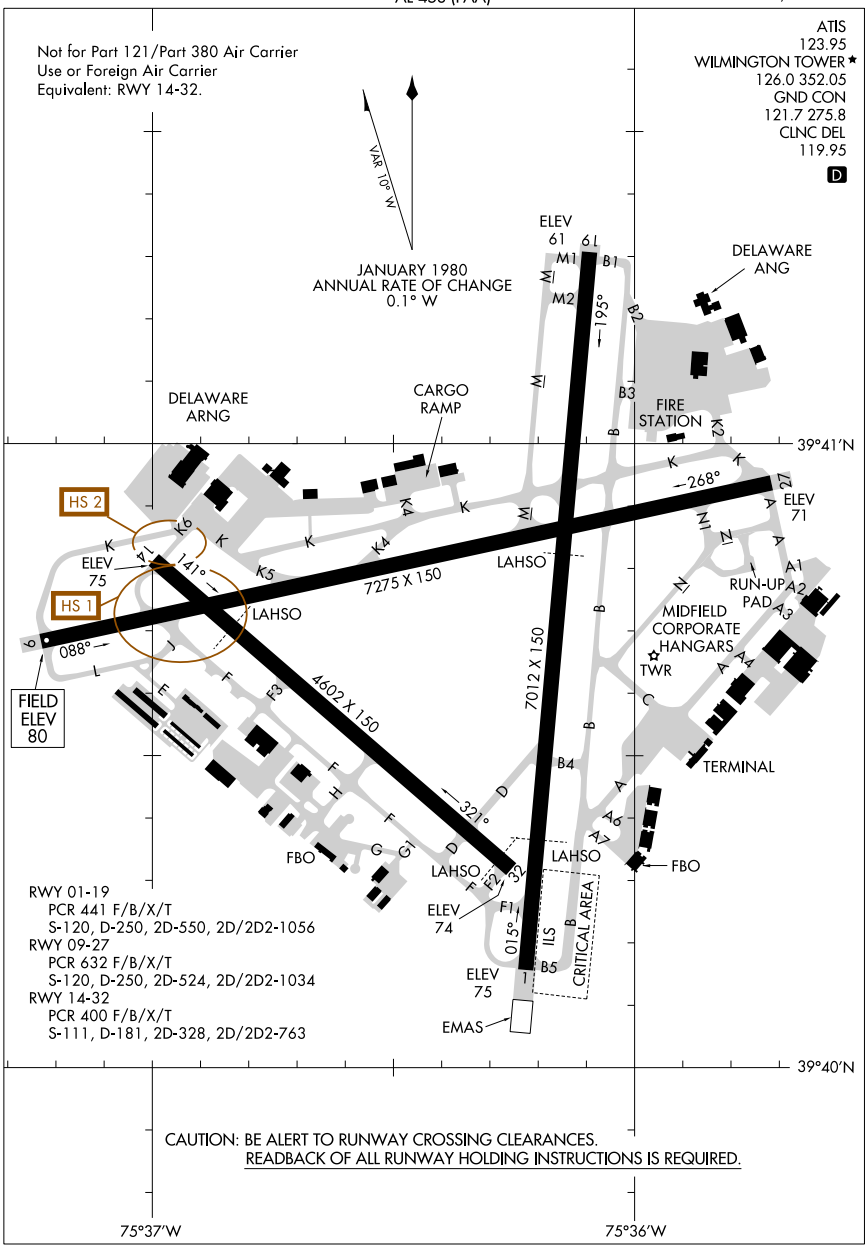

26134
AIRPORT DIAGRAM
AL-457 (FAA)
WILLIAMSPORT RGNL (IPT)
WILLIAMSPORT, PENNSYLVANIA
FIELD ELEV 528
ELEV 525
ELEV 526
HS 1
27
30
GENERAL AVIATION AND TRANSIENT PARKING
MAIN TERMINAL NWS
TWR
296°
267°
RWY 09-27
PCR 690 F/A/X/T
S-65, D-100, 2D-190
RWY 12-30
PCR 2230 F/C/X/T
S-200, D-200, 2D-400
4273 X 150
116°
6825 X 150
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ELEV 523
12
JANUARY 1980
ANNUAL RATE OF CHANGE
0.1° W
VAR 10° W
GENERAL AVIATION AND TRANSIENT PARKING
087°
ELEV 514
41°15.0'N
41°14.5'N
76°55.0'W
76°55.5'W
76°56.0'W
ASOS
125.225
WILLIAMSPORT TOWER
119.1 257.8
GND CON
121.9
AIRPORT DIAGRAM
26134
WILLIAMSPORT, PENNSYLVANIA
WILLIAMSPORT RGNL (IPT)

26190

AIRPORT DIAGRAM

AL-458 (FAA)

NEW CASTLE (ILG)
WILMINGTON, DELAWARE



AIRPORT DIAGRAM

26190

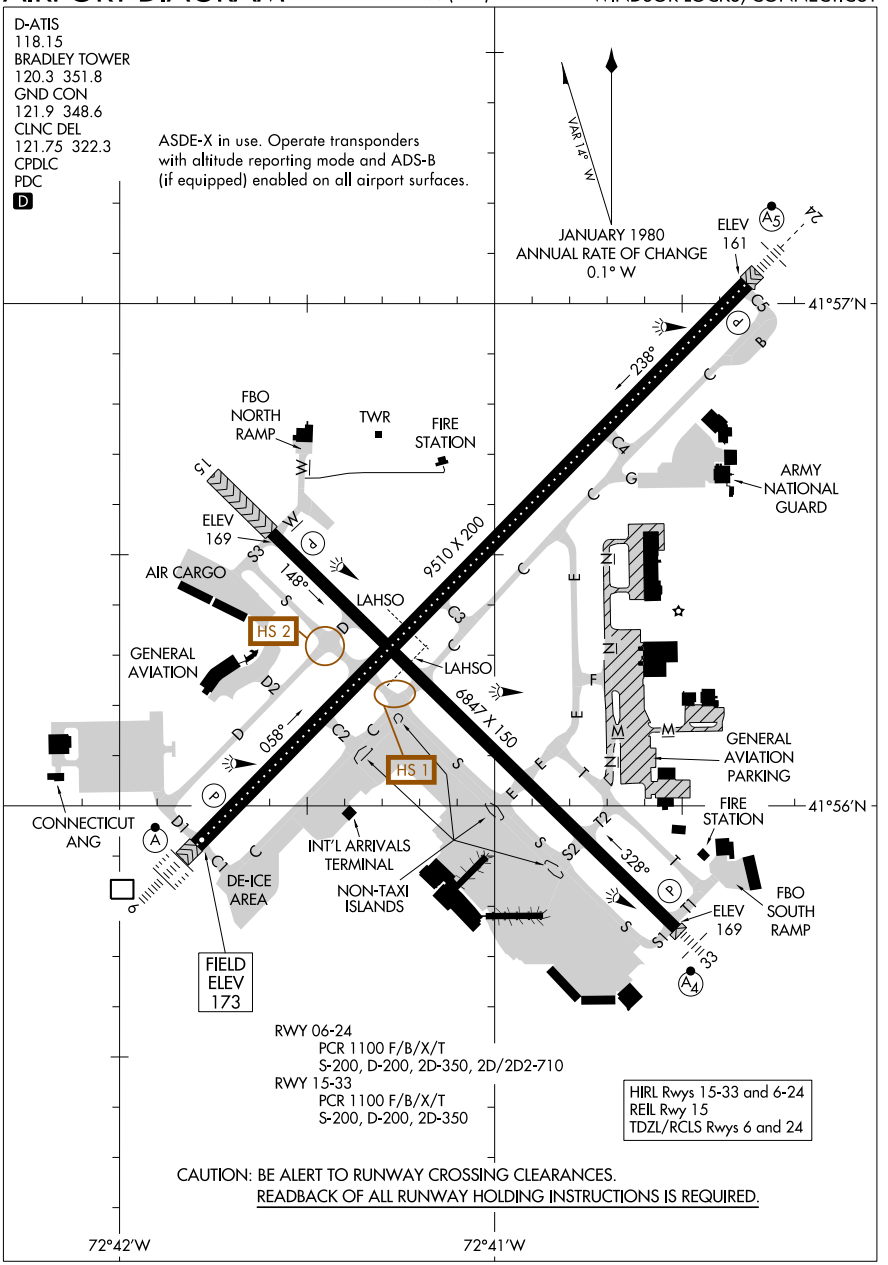
WILMINGTON, DELAWARE
NEW CASTLE (ILG)

26246

AIRPORT DIAGRAM

AL-460 (FAA)

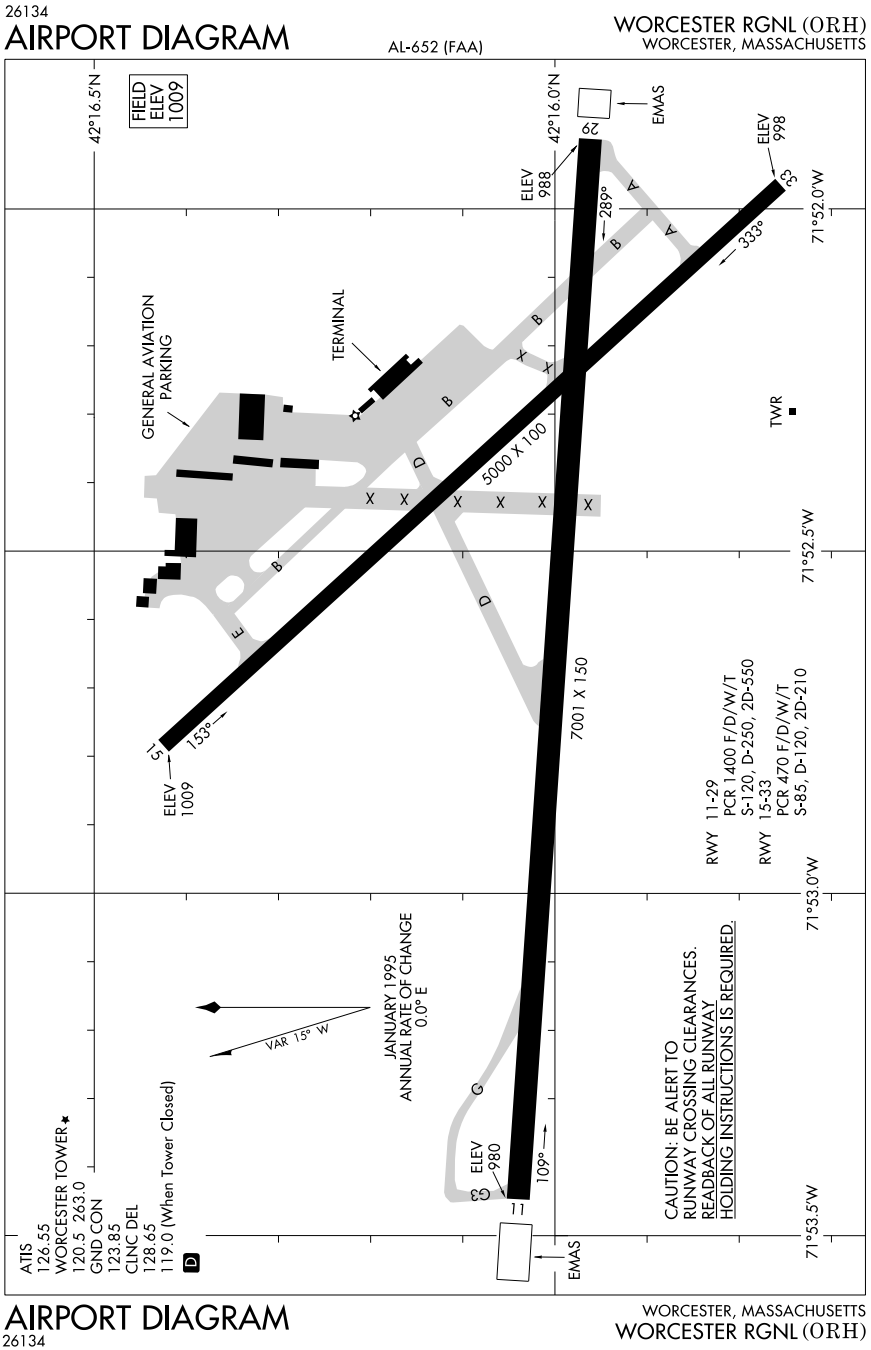
BRADLEY INTL (BDL)
WINDSOR LOCKS, CONNECTICUT

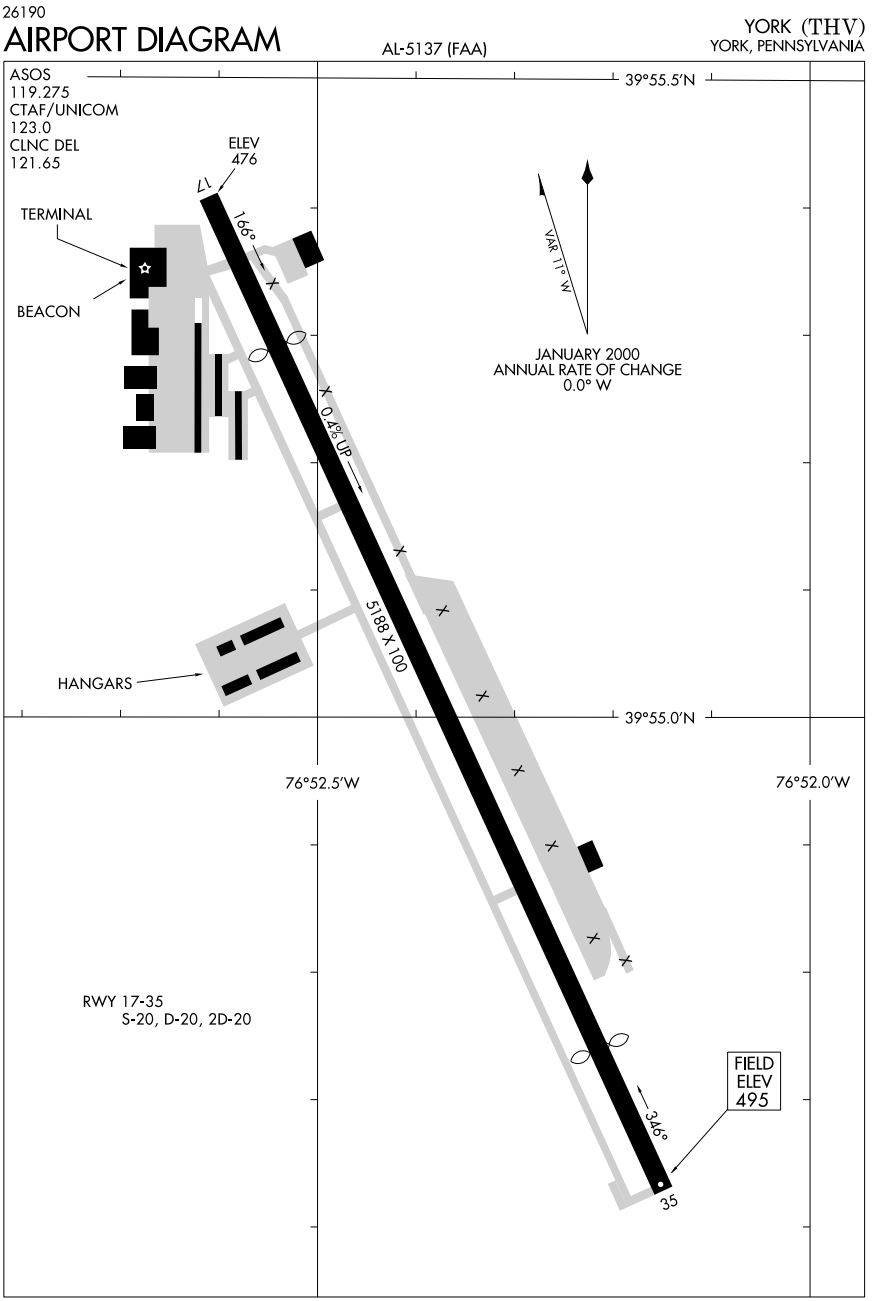


AIRPORT DIAGRAM

26246

WINDSOR LOCKS, CONNECTICUT
BRADLEY INTL (BDL)


26134
AIRPORT DIAGRAM
AL-652 (FAA)
WORCESTER RGNL (ORH)
WORCESTER, MASSACHUSETTS
FIELD ELEV 1009
42°16.5'N
42°16.0'N
71°52.0'W
71°52.5'W
71°53.0'W
71°53.5'W
ELEV 988
ELEV 998
ELEV 1009
ELEV 980
29
11
15
33
EMAS
GENERAL AVIATION PARKING
TERMINAL
TWR
5000 X 100
7001 X 150
289°
109°
153°
333°
ATIS 126.55
WORCESTER TOWER 120.5 263.0
GND CON 123.85
CLNC DEL 128.65
119.0 (When Tower Closed)
VAR 15° W
JANUARY 1995
ANNUAL RATE OF CHANGE
0.0° E
RWY 11-29 PCR 1400 F/D/W/T S-120, D-250, 2D-550
RWY 15-33 PCR 470 F/D/W/T S-85, D-120, 2D-210
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
AIRPORT DIAGRAM
26134
WORCESTER, MASSACHUSETTS
WORCESTER RGNL (ORH)


26190
AIRPORT DIAGRAM
AL-5137 (FAA)
YORK (THV)
YORK, PENNSYLVANIA
ASOS
119.275
CTAF/UNICOM
123.0
CLNC DEL
121.65
ELEV
476
17
166°
TERMINAL
BEACON
VAR 11° W
JANUARY 2000
ANNUAL RATE OF CHANGE
0.0° W
0.4% UP
5188 X 100
HANGARS
39°55.5'N
39°55.0'N
76°52.5'W
76°52.0'W
RWY 17-35
S-20, D-20, 2D-20
FIELD
ELEV
495
346°
35
AIRPORT DIAGRAM
26190
YORK, PENNSYLVANIA
YORK (THV)

INTENTIONALLY
LEFT
BLANK

Submitting Pilot Weather Reports (PIREPs)

1. UA - Routine PIREP / UUA - Urgent PIREP

2. /OV - Location: Use Airport or NAVAID identifiers only.

- Location can be reported as a single fix, radial DME, or a route segment (Fix- Fix)

Examples: /OV LAX, /OV LAX-SLI120005, /OV PDZ-PSP.

3. /TM – Time: When conditions occurred or were encountered**.**

- Use 4 digits in UTC.

Examples: /TM 1645, /TM 0915

4. /FL - Altitude/Flight Level

- Use 3 digits for hundreds of feet. If not known, use UNKN.

Examples: /FL095, /FL310, /FLUNKN

5. /TP - Type aircraft: Required if reporting Turbulence or Icing

- No more than 4 characters, use UNKN if the type is not known.

Examples: /TP P28A, /TP RV8, /TP B738, /TP UNKN

6. /SK – Sky Condition/Cloud layers:

- Report cloud coverage using contractions: FEW, SCT, BKN, OVC, SKC
- Report bases in hundreds of feet: BKN005, SCT015, OVC200
- If bases are unknown, use UNKN
- Report cloud tops in hundreds of feet: TOP120

Examples: /SK BKN035, /SK SCT UNKN-TOP125, /SK OVC095-TOP125/ SKC

7. /WX - Weather: Flight visibility is always reported first. Append FV reported with SM.

- Report visibility using 2 digits: FV01SM, FV10SM
- Unrestricted visibility use FV99SM.
- Use standard weather contractions e.g.: RA, SH, TS, HZ, FG, -, +

Examples: /WX FV01SM +SHRA, /WX FV10 SM -RA BR.

8. /TA - Air temperature (Celsius): Required when reporting icing

- 2 digits, unless below zero, then prefix digits with M.

Examples:/TA 15, /TA 04 /TA M06

9. /WV - Wind: Direction in 3 digits, speed in 3 or 4 digits, followed by KT.

Examples: /WV 270045KT, /WV 080110KT

10. /TB - Turbulence:

- Report intensity using LGT, MOD, SEV, or EXTRM
- Report duration using INTMT, OCNL or CONS when reported by pilot.
- Report type using CAT or CHOP when reported by pilot.
- Include altitude only if different from /FL.
- Use ABV or BLO when limits are not defined.
- Use NEG if turbulence is not encountered.

Examples: /TB OCNL MOD, /TB LGT CHOP, /LGT 060, /TB MOD BLO 090, / TB NEG

11. /IC - Icing:

- Report intensity using TRACE, LGT, MOD or SEV
- Report type using RIME,CLR, or MX
- Include altitude only if different than /FL.
- Use NEG if icing not encountered.

Examples: /IC LGT-MOD RIME, /IC SEV CLR 028-045, /IC NEG

12. /RM - Remarks: Use to report phenomena that does not fit in any other field.

- Report the most hazardous element first.
- Name of geographic location from /OV field fix.

Examples: /RM LLWS +/-15KT SFC-003 DURC RWY22 JFK
/RM MTN WAVE, /RM DURC, /RM DURD, /RM MULLAN PASS
/RM BA RWY 02L BA MEDIUM TO POOR 3IN DRY SN OVER COMPACTED SN

Examples of Completed PIREPS

UA /OV RFD /TM 1315 /FL160 /TP PA44 /SK OVC025-TOP095/OVC150 /TA M12 /TB INTMT LGT CHOP

UA /OV DHT360015-AMA /TM 2116 /FL050 /TP PA32 /SK BKN090 /WX FV05SM –RA /TA 04 /TB LGT /IC NEG

UUA /OV PDZ010018 /TM 1520 /FL125 /TP C172 /WV 270048KT TB SEV 055-085 /RM CAJON PASS

*

PIREP FORM

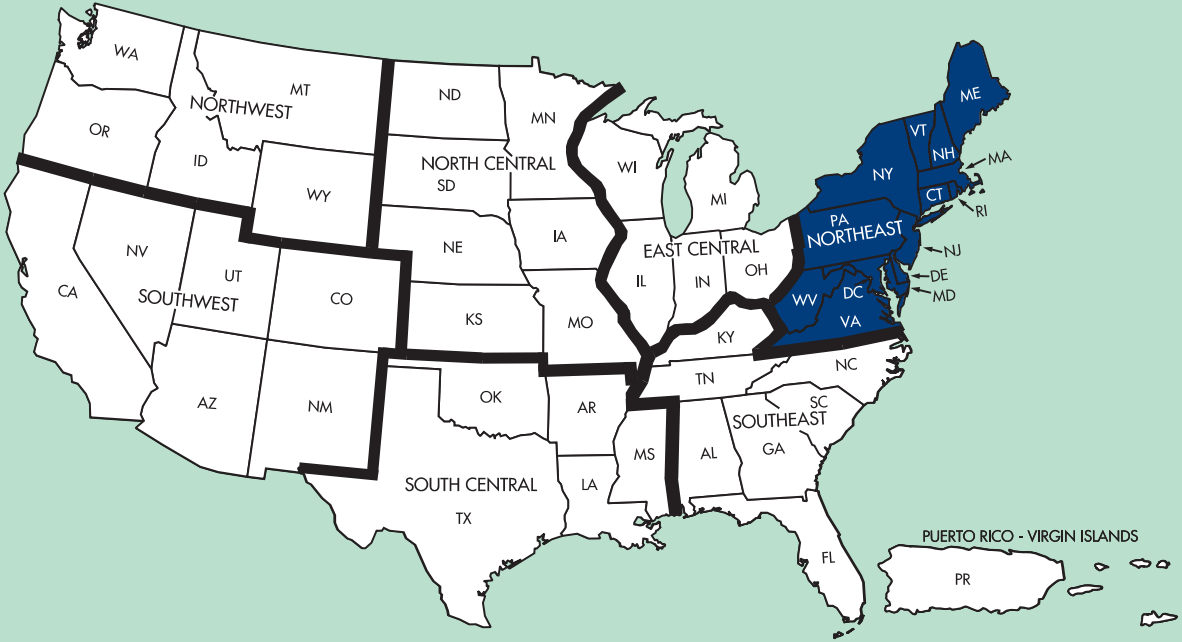
3 or 4 letter Identifier

____ ____ ____ ____ 1. **UA**____ **UUA**_____

Routine **Urgent**

2. **/OV**	Location
3. **/TM**	Time
4. **/FL**	Altitude/Flight Level
5. **/TP**	Aircraft Type
Items 1 through 5 are mandatory for all PIREPs	
6. **/SK**	Sky Condition
7. **/WX**	Flight Visibility & Weather
8. **/TA**	Temperature (Celsius)
9. **/WV**	Wind
10. **/TB**	Turbulence
11. **/IC**	Icing
12. **/RM**	Remarks

FAA Form 7110-2 (9/19) Supersedes Previous Edition



FAA Product ID: AFDNE

NSN 7641014109596

EFF. DATE 26246

NGA REF. NO. ENRXXAFDUSNE

OK-10-2861

NE CT DC DE MA MD ME NH NJ NY PA RI VA VT WV 3 SEP 2026 TO 29 OCT 2026