Federal Aviation Administration

TM

U.S. Terminal Procedures Publication

Southwest (SW) Vol 4 of 4

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03 SEP 2026

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29 OCT 2026

Consult the Change Notice (CN) effective 01 OCT 2026 for revised Instrument Procedure Charts for this volume

Consult NOTAMs for latest information

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For inquiries regarding military charts, please contact:
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Request for the creation or revisions to Airport Diagrams should be in accordance with FAA Order 7910.4.

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INOP COMPONENTS

25051

INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE
(For Civil Use Only)

Straight-in and Sidestep landing minimums published on instrument approach procedure charts are based on full operation of all components and visual aids (see exception below for ALSF 1 & 2) associated with the particular approach chart being used. Higher minimums are required with inoperative components or visual aids as indicated below. If more than one component is inoperative, each minimum is raised to the highest minimum required by any single component that is inoperative. ILS glideslope inoperative minimums are published on the instrument approach charts as localizer minimums. This table applies to approach categories A thru D and is to be used unless amended by notes on the approach chart. Such notes apply only to the particular approach category(ies) as stated. Category E inoperative notes will be specified when published on civil charts. The inoperative table does not apply to Circling minimums. See legend page for description of components indicated below.

Full Operation Exception: For ALSF 1 & 2 operated as SSALR, or when the sequenced flashing lights are inoperative, there is no effect on visibility for ILS lines of minima.

(1) ILS, PAR, LPV, GLS minima

Inoperative Component or Visual Aid	Increase Visibility
All ALS types (except ODALS)	¼ mile

(2) ILS, LPV, GLS with visibility minima of RVR 1800†/2000*/2200*

Inoperative Component or Visual Aid	Increase Visibility
ALSF 1 & 2, MALSR, SSALR	To RVR 4000† To RVR 4500*
TDZL or RCLS	To RVR 2400#
RVR	To ½ mile

#For ILS, LPV, GLS procedures with a 200 foot HAT, RVR 1800 authorized with use of FD or AP or HUD to DA. For ILS procedures with a 200 foot HAT with a restriction on autopilot usage, RVR 1800 authorized with use of FD or HUD to DA.

(3) All Approach Types and all lines of minima other than (1) & (2) above

Inoperative Component or Visual Aid	Increase Visibility
ALSF 1 & 2, MALSR, SSALR	½ mile
MALSF, MALS, SSALF, SSALS, SALSF, SALS	¼ mile

(4) Sidestep minima (CAT C-D)

Inoperative Component or Visual Aid to Sidestep Runway	Increase Visibility
ALSF 1 & 2, MALSR, SSALR	½ mile

(5) All Approach Types, All lines of minima

Inoperative Component or Visual Aid	Increase Visibility
ODALS (CAT A-B)	¼ mile
ODALS (CAT C-D)	⅛ mile

INOP COMPONENTS

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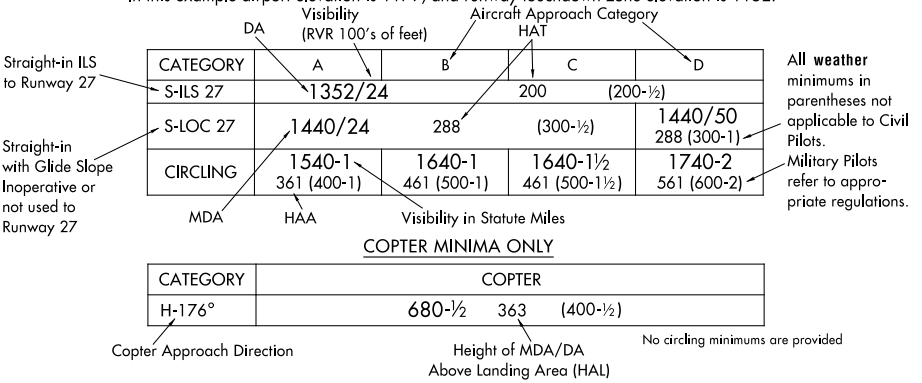
TERMS/LANDING MINIMA DATA

IFR LANDING MINIMA

The United States Standard for Terminal Instrument Procedures (TERPS) is the approved criteria for formulating instrument approach procedures. Landing minima are established for six aircraft approach categories (ABCDE and COPTER). In the absence of COPTER MINIMA, helicopters may use the CAT A minimums of other procedures.

LANDING MINIMA FORMAT

In this example airport elevation is 1179, and runway touchdown zone elevation is 1152.



COPTER MINIMA ONLY

CATEGORY	COPTER
H-176°	680-½ 363 (400-½)

Copter Approach Direction

Height of MDA/DA Above Landing Area (HAL)

No circling minimums are provided

NOTE: The W symbol indicates outages of the WAAS vertical guidance may occur daily at this location due to initial system limitations. WAAS NOTAMS for vertical outages are not provided for this approach. Use LNAV minima for flight planning at these locations, whether as a destination or alternate. For flight operations at these locations, when the WAAS avionics indicate that LNAV/VNAV or LPV service is available, then vertical guidance may be used to complete the approach using the displayed level of service. Should an outage occur during the procedure, reversion to LNAV minima may be required. As the WAAS coverage is expanded, the W will be removed.

RNAV minimums are dependent on navigation equipment capability, as stated in the applicable AFM, AFMS, or other FAA approved document. See AIM paragraph 5-4-5, AC 90-105 and AC 90-107 for detailed requirements for each line of minima.

COLD TEMPERATURE AIRPORTS

NOTE: A ❄-12°C symbol indicates a cold temperature altitude correction is required at this airport when reported temperature is at or below the published temperature. See the following Cold Temperature Error Table to make manual corrections. Advise ATC with altitude correction. Advising ATC with altitude corrections is not required in the final segment. See Aeronautical Information Manual (AIM), Chapter 7, for guidance and additional information. For a complete list, see the "Cold Temperature Airports" link under the Additional Resources heading at the bottom of the following page: http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/dtpp/search/

COLD TEMPERATURE ERROR TABLE

HEIGHT ABOVE AIRPORT IN FEET

REPORTED TEMP °C	200	300	400	500	600	700	800	900	1000	1500	2000	3000	4000	5000
+10	10	10	10	10	20	20	20	20	20	30	40	60	80	90
0	20	20	30	30	40	40	50	50	60	90	120	170	230	280
-10	20	30	40	50	60	70	80	90	100	150	200	290	390	490
-20	30	50	60	70	90	100	120	130	140	210	280	420	570	710
-30	40	60	80	100	120	140	150	170	190	280	380	570	760	950
-40	50	80	100	120	150	170	190	220	240	360	480	720	970	1210
-50	60	90	120	150	180	210	240	270	300	450	590	890	1190	1500

AIRCRAFT APPROACH CATEGORIES

Aircraft approach category indicates a grouping of aircraft based on a speed of VREF, if specified, or if VREF not specified, 1.3 VSO at the maximum certificated landing weight. VREF, VSO, and the maximum certificated landing weight are those values as established for the aircraft by the certification authority of the country of registry. Helicopters are Category A aircraft. An aircraft shall fit in only one category. When necessary to operate the aircraft at an airspeed in excess of the maximum airspeed of its certified aircraft approach category, pilots should use the applicable higher category minima. For additional options and to ensure the aircraft remains within protected airspace, consult the AIM. See following category limits:

MANEUVERING TABLE

Approach Category	A	B	C	D	E
Speed (Knots)	0-90	91-120	121-140	141-165	Abv 165

TERMS/LANDING MINIMA DATA

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CIRCLING APPROACH OBSTACLE PROTECTED AIRSPACE

The circling MDA provides vertical obstacle clearance during a circle-to-land maneuver. The circling MDA protected area extends from the threshold of each runway authorized for landing following a circle-to-land maneuver for a distance as shown in the table below. The resultant arcs are then connected tangentially to define the protected area.

CIRCLING APPROACH MANEUVERING AIRSPACE RADIUS

Circling MDA protected areas use the radius distance shown in the following table, expressed in nautical miles (NM), dependent on aircraft approach category, and the altitude of the circling MDA, which accounts for true airspeed increase with altitude.

Circling MDA in feet MSL	Approach Category and Circling Radius (NM)				
	CAT A	CAT B	CAT C	CAT D	CAT E
1000 or less	1.3	1.7	2.7	3.6	4.5
1001-3000	1.3	1.8	2.8	3.7	4.6
3001-5000	1.3	1.8	2.9	3.8	4.8
5001-7000	1.3	1.9	3.0	4.0	5.0
7001-9000	1.4	2.0	3.2	4.2	5.3
9001 and above	1.4	2.1	3.3	4.4	5.5

Users may ignore the presence of C symbols on charts which will be removed on a day-forward basis. All circling areas within this volume have been evaluated for the circling MDA protected area radius shown in the table above.

Comparable Values of RVR and Visibility

The following table may be used for converting RVR to ground or flight visibility. For RVR values that fall between listed values, use the next higher RVR value; do not interpolate. For example, when converting 4800 RVR, use 5000 RVR with the resultant visibility of 1 mile.

RVR (feet)	Visibility (SM)	RVR (feet)	Visibility (SM)	RVR (feet)	Visibility (SM)	RVR (feet)	Visibility (SM)
1200	1/4	2200	1/2	3200*	5/8	5000*	1
1600*	1/4	2400*	1/2	3500	5/8	5500	1
1800	1/2	2600	1/2	4000*	3/4	6000*	1 1/4
2000	1/2	3000	5/8	4500*	7/8		

*Values repeated from 14 CFR 91.175 and shall be used for takeoff or landing minima.

If a visibility adjustment is required for a procedure with an RVR value, the RVR value should first be converted to visibility using this table. The visibility should then be increased by the adjustment value, and then may be converted back to the highest RVR value associated with that visibility. For example, if a procedure with 2000 RVR requires a 1/8 mile adjustment, first convert 2000 RVR to 1/2 SM. Adding 1/8 SM results in 5/8 SM, which may then be converted to 3500 RVR.

RADAR MINIMA

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT HAA	CEIL-VIS
PAR	10	2.5°/42/1000	ABCDE	**195**/16	100	(100-1/4)				
	28	2.5°/48/1068	ABCDE	**187**/16	100	(100-1/4)				
ASR	10		ABC	**560**/40	463	(500-3/4)	DE	**560**/50	463	(500-1)
	28		AB	**600**/50	513	(600-1)	CDE	**600**/60	513	(600-1 1/4)
CIR	10		AB	**560-**1 1/4	463	(500-1 1/4)	CDE	**560-**1 1/2	463	(500-1 1/2)
	28		AB	**600-**1 1/4	503	(600-1 1/4)	CDE	**600-**1 1/2	503	(600-1 1/2)

Visibility (RVR 100's of feet)

Visibility in Statute Miles

All minimums in parentheses not applicable to Civil Pilots. Military Pilots refer to appropriate regulations.

Radar Minima:

1. Minima shown are the lowest permitted by established criteria. Pilots should consult applicable directives for their category of aircraft.
2. The circling MDA and weather minima to be used are those for the runway to which the final approach is flown- not the landing runway. In the above RADAR MINIMA example, a category C aircraft flying a radar approach to runway 10, circling to land on runway 28, must use an MDA of 560 feet with weather minima of 500-1½.

NOTE: Military RADAR MINIMA may be shown with communications symbology that indicates emergency frequency monitoring capability by the radar facility as follows: (E) VHF and UHF emergency frequencies monitored
(V) VHF emergency frequency (121.5) monitored
(U) UHF emergency frequency (243.0) monitored

Additionally, unmonitored frequencies which are available on request from the controlling agency may be annotated with an "x".

A Alternate Minimums not standard. Civil users refer to tabulation. USA/USN/USAF pilots refer to appropriate regulations.

A NA Alternate minimums are Not Authorized due to unmonitored facility or absence of weather reporting service.

T Airport is published in the Takeoff Minimums, (Obstacle) Departure Procedures, and Diverse Vector Area (Radar Vectors) tabulation.

TERMS/LANDING MINIMA DATA

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GENERAL INFORMATION

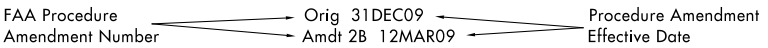
This publication is issued every 56 days and includes the following instrument flight procedures (IFPs): Standard Instrument Approach Procedures (SIAPs), Standard Instrument Departures (SIDs), Standard Terminal Arrivals (STARs), IFR Takeoff Minimums and (Obstacle) Departure Procedures (ODPs), Diverse Vector Areas (DVAs), IFR Alternate Minimums, and Radar Instrument Approach Minimums for use by civil and military aviation. The organization responsible for SIAPs, Radar Minimums, SIDs, STARs and graphic ODPs is identified in parentheses in the top margin of the procedure; e.g., (FAA), (FAA-O), (USA), (USAF), (USN). For Textual ODPs and DVAs the organization is identified in parentheses after the Julian Date. SIAPs and ODPs with the (FAA) and (FAA-O) designation are regulated under 14 CFR, part 97. IFPs with the (FAA-O) designation have been developed by a service provider authorized by the FAA. See 14 CFR, part 91.175 (a) and the AIM for further details on civil airport operations. See 14 CFR, part 91.175 (g) and the Special Notices section of the Chart Supplement for information on civil operations at military airports.

The FAA uses an internal numbering system on all charts in the TPP. This Approach and Landing (AL) number is located on the top center margin of the chart followed by the organization responsible for the procedure in parentheses, e.g., AL-18 (FAA), AL-11919 (FAA-O). Military procedures do not show AL number, but do show the appropriate authority for the procedure, e.g., (USAF).

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.



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. On Departure Procedures and Standard Terminal Arrivals, procedural revisions to the current chart are indicated by an upnumber to the procedure title with the procedure amendment effective date following. On Radar Minima, Takeoff Minimums and (Obstacle) Departure Procedures and Diverse Vector Areas, the FAA Procedure Amendment Number, Procedure Effective Date, and the Julian Date of Last Revision will be shown on the same line, e.g., AMDT 2 10DEC15 (15344).

MISCELLANEOUS

★ Indicates a non-continuously operating facility, see Chart Supplement.

For Civil (FAA) and Military (DoD) SIAPs, "RADAR REQUIRED" in the planview or the pilot briefing strip of the chart indicates that ATC radar must be available to assist the pilot when transitioning from the en route environment. In the event ATC radar must be available for a specific portion(s) of the procedure, the portion(s) will be specified in the pilot briefing strip with the statement "RADAR required".

Distances are in nautical miles (except visibility in statute miles and Runway Visual Range in hundreds of feet). Runway dimensions are in feet. Elevations are in feet, Mean Sea Level (MSL). Ceilings are 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.

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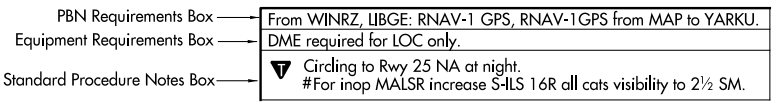
STANDARD TERMINAL ARRIVALS AND DEPARTURE PROCEDURES

The use of the associated codified STAR/DP and transition identifiers are requested of users when filing flight plans online. It must be noted that when filing a STAR/DP with a transition, the first three coded characters of the STAR and the last three coded characters of the DP are replaced by the transition code. Examples: ACTON SIX ARRIVAL, file (AQN.AQN6); ACTON SIX ARRIVAL, EDNAS TRANSITION, file (EDNAS.AQN6). FREEHOLD THREE DEPARTURE, file (FREH3.RBV), FREEHOLD THREE DEPARTURE, ELWOOD CITY TRANSITION, file (FREH3.EWC).

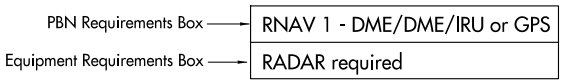
PROCEDURE PBN/EQUIPMENT REQUIREMENTS

Users will begin to see Performance-Based Navigation (PBN) Requirements and Equipment Requirements on Instrument Approach Procedures (IAPs), RNAV STARs and RNAV DPs prominently displayed in separate, standardized notes boxes. For procedures with PBN elements, the PBN box will contain the procedure's navigation specification(s); and, if required: specific sensors or infrastructure needed for the navigation solution; any additional or advanced functional requirements; the minimum Required Navigation Performance (RNP) value and any amplifying remarks. Items listed in this PBN box are REQUIRED for the procedure's PBN elements. The Equipment Requirements Box will list non-PBN requirements. On charts with both PBN elements and equipment requirements, the PBN requirements box will be listed first. The publication of these notes will continue incrementally until all charts have been amended to comply with the new standard.

IAP PBN/Equipment Requirements Notes Box



RNAV STAR and DP PBN/Equipment Requirements Notes Box



PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Reference the Chart Supplement for detailed information on pilot controlled lighting (PCL) systems.

Available FAA standard approach lighting systems are charted as a negative symbol to indicate pilot contolled lighting, e.g., (A1), (V)

Available airport lighting systems that are charted as notes, e.g. REIL, MIRL, are shown with a negative "(L)" symbol beside the name to indicate pilot controlled lighting.

To activate lights, use frequency indicated in the communications section of the chart with a (L)

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)

ABBREVIATIONS

AAF	Army Air Field		CL	Centerline Lighting System
AAUP	Attention All Users Page		CLNC DEL	Clearance Delivery
ADF	Automatic Direction Finder		CNF	Computer Navigation Fix
ADIZ	Air Defense Identification Zone		CPDLC	Controller Pilot Data Link Communications
AFAUX	Air Force Auxiliary		CTAF	Common Traffic Advisory Frequency
AFB	Air Force Base		CW	Clockwise
AFHP	Air Force Heliport		D-ATIS	Digital-Automatic Terminal Information Service
AFIS	Automatic Flight Information Service		DA	Decision Altitude
AFRC	Armed Forces Reserve Center/Air Force Reserve Command		DEP	Departure
AGL	Above Ground Level		DEP CON	Departure Control
AHP	Army Heliport		DER	Departure End of Runway
ALF	Auxiliary Landing Field		DH	Decision Height
ALS	Approach Light System		DME	Distance Measuring Equipment
ALSF	Approach Light System with Sequenced Flashing Lights		DP	Departure Procedure
ANGB	Air National Guard Base		DTHR	Displaced Runway Threshold
ANGS	Air National Guard Station		DVA	Diverse Vector Area
Ant	Antenna		ELEV	Elevation
AOB	At or Below		EMAS	Engineered Material Arresting System
AP	Autopilot System		EXEC	Executive
APCH	Approach		FAF	Final Approach Fix
APP CON	Approach Control		FD	Flight Director System
AR	Authorization Required		FL	Flight Level
ARB	Air Reserve Base		FLD	Field
ARPT	Airport		FM	Fan Marker
ARR	Arrival		FMS	Flight Management System
AS	Air Station		GBAS	Ground Based Augmentation System
ASOS	Automated Surface Observing System		GCA	Ground Control Approach
ASR	Airport Surveillance RADAR		GCO	Ground Communication Outlet
ASSC	Airport Surface Surveillance Systems		GLS	Ground Based Augmentation System Landing System
ATC	Air Traffic Control		GP	Glidepath
ATCT	Airport Traffic Control Tower		GPS	Global Positioning System
ATIS	Automatic Terminal Information Service		GS	Glide Slope
AUNICOM	Automated UNICOM		HAA	Height Above Airport
AWOS	Automated Weather Observing System		HAL	Height Above Landing
Baro-VNAV	Barometric Vertical Navigation		HAT	Height Above Touchdown
BC	Back Course		HATh	Height Above Threshold
brg	Bearing		HCH	Heliport Crossing Height
CAPT	Captain		hdg	Heading
CAT	Category		HIRL	High Intensity Runway Lights
CCW	Counterclockwise		HUD	Heads-up Display
CDI	Course Deviation Indicator		IAF	Initial Approach Fix
CGAS	Coast Guard Air Station		IAP	Instrument Approach Procedure
Chan	Channel		ICAO	International Civil Aviation Organization
CIR	Circling		IF	Intermediate Fix

ABBREVIATIONS

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ABBREVIATIONS

26246

IFR	Instrument Flight Rules		MSL	Mean Sea Level
ILS	Instrument Landing System		MSPEC	Management Specification
IM	Inner Marker		MUNI	Municipal
INC	Incorporated		N/A	Not Applicable
Inop	Inoperative		NA	Not Authorized
INT	Intersection		NAAS	Naval Auxiliary Air Station
INTCNTL	Intercontinental		NAF	Naval Air Facility
INTL	International		NALF	Naval Auxiliary Landing Field
JNGB	Joint National Guard Base		NAS	Naval Air Station
JRB	Joint Reserve Base		NDB	Nondirectional Radio Beacon
K	Knots		NM	Nautical Mile
KIAS	Knots Indicated Airspeed		NOLF	Naval Outlying Field
LAAS	Local Area Augmentation System		NoPT	No Procedure Turn
LDA	Localizer Type Directional Aid		NOTAM	Notice to Airmen
Ldg	Landing		NS	Naval Station
LIRL	Low Intensity Runway Lights		NTL	National
LNAV	Lateral Navigation		ODALS	Omnidirectional Approach Lighting System
LOA	Letter of Agreement/Authorization		ODP	Obstacle Departure Procedures
LOC	Localizer		OM	Outer Marker
LOM	Locator Outer Marker		OPSPEC	Operations Specification
LP	Localizer Performance		PAR	Precision Approach Radar
LPV	Localizer Performance with Vertical Guidance		PCL	Pilot Controlled Lighting
LR	Lead Radial		PDC	Pre-Departure Clearance
LRRS	Long Range RADAR Station		PRM	Precision Runway Monitor
MAA	Maximum Authorized Altitude		Pvt	Private
MALS	Medium Intensity Approach Lighting System		R	Radial
MALSF	Medium Approach Lighting System with Sequenced Flashers		RA	Radio Altimeter setting height
MALSR	Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights		RAIL	Runway Alignment Indicator Lights
MAP	Missed Approach Point		RCLS	Runway Centerline Light System
MCAF	Marine Corps Air Facility		REIL	Runway End Identifier Lights
MCALF	Marine Corps Auxiliary Landing Field		RF	Radius to Fix
MCAS	Marine Corps Air Station		RGNL	Regional
MCB	Marine Corps Base		RLLS	Runway Lead-in Light System
MCOLF	Marine Corps Outlying Field		RNAV	Area Navigation
MDA	Minimum Descent Altitude		RNP	Required Navigation Performance
MEA	Minimum Enroute Altitude		RPI	Runway Point of Interception
MEML	Memorial		RVR	Runway Visual Range
METRO	Metropolitan		RWY	Runway
MIRL	Medium Intensity Runway Lights		S	Straight-in
MM	Middle Marker		SALS	Simplified Short Approach Lighting System
MOCA	Minimum Obstruction Clearance Altitude		SALSF	Short Approach Lighting System with Sequenced Flashing Lights
MRA	Minimum Reception Altitude		SFB	Space Force Base

ABBREVIATIONS

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ABBREVIATIONS

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SID	Standard Instrument Departure
SM	Statute Mile
SR-SS	Sunrise-Sunset
SSALF	Simplified Short Approach Lighting System with Sequenced Flashing Lights
SSALR	Simplified Short Approach Lighting System with Runway Alignment Indicator Lights
SSALS	Simplified Short Approach Lighting System
ST	Saint
STE	Sainte
STAR	Standard Terminal Arrival
TAA	Terminal Arrival Area
TACAN	Tactical Air Navigation
TCH	Threshold Crossing Height
TDZ	Touchdown Zone
TDZE	Touchdown Zone Elevation
TDZ/CL	Touchdown Zone and Runway Centerline Lighting
TDZL/RCLS	Touchdown Zone Lights and Runway Centerline Lighting Systems
TDZL	Touchdown Zone Lights
THR	Threshold
TODA	Takeoff Distance Available
TORA	Takeoff Run Available
tr	Track
TRML	Terminal
TWR	Tower
UNICOM	Universal Communications Station
USA	United States Army
USAF	United States Air Force
USCG	United States Coast Guard
USMC	United States Marine Corps
USN	United States Navy
USSF	United States Space Force
VASI	Visual Approach Slope Indicator
VCOA	Visual Climb Over Airport
VDA	Vertical Descent Angle
VDP	Visual Descent Point
VFR	Visual Flight Rules
VGF	Visual Guidance Fix
VGSI	Visual Glide Slope Indicator
VNAV	Vertical Navigation
VOR	Very High Frequency Omni-Directional Range
VORTAC	Very High Frequency Omni-Directional Range/Tactical Air Navigation
WAAS	Wide Area Augmentation System
WP/WPT	Waypoint

ABBREVIATIONS

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PLANVIEW SYMBOLS

ROUTES

Procedure Track

Feeder Route

Missed Approach

Visual Flight Path

165°
345°
Procedure Turn
(Type degree and point of turn optional)

Minimum Route Altitude → 3100 NoPT to LOM
045°
Mileage → (14.2)

HOLDING PATTERNS

Hold-in-lieu of Procedure Turn

HOLD 10000 / 8000
090° (IAS) 270°
4 NM

HOLD 10000 / 8000
090° 1 min 270°

Missed Approach
090° 270°

Arrival
HOLD 8000
090° 270°

Holding pattern with maximum restricted airspeed:
(175K) applies to all altitudes.
(210K) applies to altitudes above 6000′ to and including 14000′.
Arrival Holding Pattern altitude restrictions will be indicated when they deviate from the adjacent leg.

Timing or distance limits for Hold-in-lieu of Procedure Turn Holding Patterns will be shown.
DME fixes may be shown.

FIXES/ATC REPORTING REQUIREMENTS

Reporting Point

Waypoint

MAP WP (Flyby)

MAP WP (Flyover)

GLGHR INT Intersection

MYLES I-LVF 14.9 (Distance From Facility)

DME

Flyover Point

x (CFTSP) Computer Navigation Fix (CNF)-No ATC Function ("x" omitted when it is a MAP)

R-198 Radial line and value

LR-198 Lead Radial

LB-198 Lead Bearing

ALTITUDES

5500 Mandatory Altitude
2500 Minimum Altitude
4300 Maximum Altitude
3000 Recommended Altitude
5000 Mandatory Block
3000 Altitude

INDICATED AIRSPEED

175K	120K	250K	180K
Mandatory Airspeed	Minimum Airspeed	Maximum Airspeed	Recommended Airspeed

RADIO AIDS TO NAVIGATION

110.1 Underline indicates No Voice transmitted on this frequency

VOR VORTAC TACAN

VOR/DME DME

NDB NDB/DME

LOM (Compass locator at Outer Marker)

Marker Beacon

Marker beacons that are not specifically part of the procedure.

Localizer Front Course (LOC/LDA)
Right side shading- Front course

Localizer Back Course
Left side shading- Back Course

LOC/LDA Transmitter LOC/DME
(shown when installation is offset from its normal postion off the end of the runway.)

Primary NAVAID

LIMA
114.5 LIM
Chan 92

Secondary NAVAID

LOM
AKRON
362 AK

TACAN or DME NAVAID

SCOTT
Chan 59
SKE
(112.2)

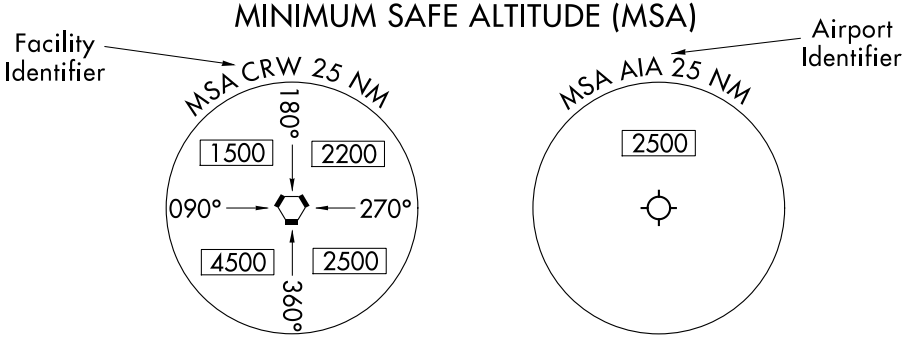
VHF Paired Frequency

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

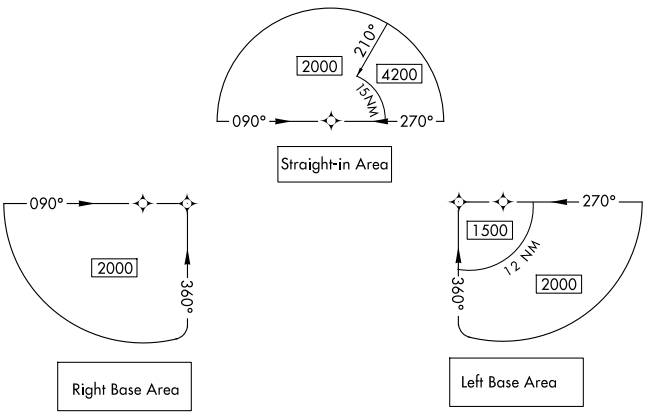
PLANVIEW SYMBOLS

MINIMUM SAFE ALTITUDE (MSA)



(arrows on distance circle identify sectors)

TERMINAL ARRIVAL AREA (TAA)



MISCELLANEOUS

VOR Changeover Point

RWY 15 S12° 00.52′ W77° 06.91′ End of Rwy Coordinates (DoD only)

Distance not to scale

International Boundary

Air Defense Identification Zone

SPECIAL USE AIRSPACE

R-352

R-Restricted W-Warning
P-Prohibited A-Alert
MOA-Military Operations Area

AIRPORTS

Primary and Secondary (named in planview)

Civil

Seaplane Base

Heliport

Joint (Civil-Military)

OBSTACLES

- Spot Elevation
- Highest Spot Elevation
- Obstacle
- Group of Obstacles
- Highest Obstacle
- ± Doubtful accuracy

PROFILE VIEW

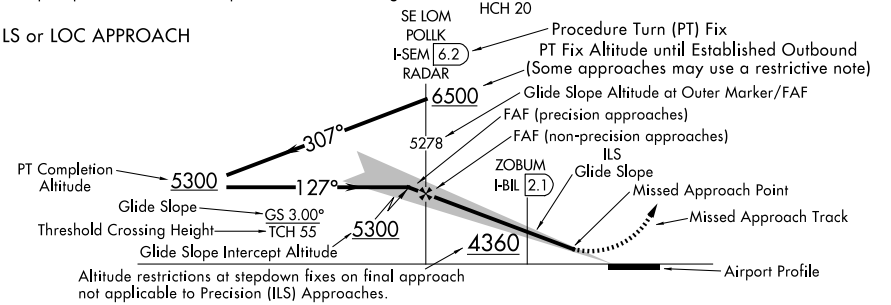
Three different methods are used to depict either electronic or vertical guidance: "GS", "GP", or "VDA".

1. "GS" indicates that an Instrument Landing System (ILS) electronic glide slope (a ground antenna) provides vertical guidance. The profile section of ILS procedures depict a GS angle and TCH in the following format: GS 3.00°/TCH 55

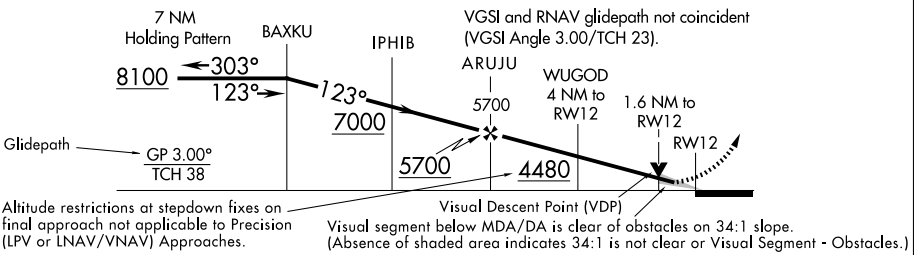
2. "GP" on GLS and RNAV procedures indicates that either electronic vertical guidance (via Wide Area Augmentation System - WAAS or Ground Based Augmentation System - GBAS) or barometric vertical guidance is provided. GLS and RNAV procedures with a published decision altitude (DA/H) depict a GP angle and TCH in the following format: GP 3.00°/TCH 50.

3. An advisory vertical descent angle (VDA) is provided on non-vertically guided conventional procedures and RNAV procedures with only a minimum descent altitude (MDA) to assist in preventing controlled flight into terrain. On Civil (FAA) procedures, this information is placed above or below the procedure track following the fix it is based on. Absence of a VDA or a note that the VDA is not authorized indicates that the prescribed obstacle clearance surface is not clear and the VDA must not be used below MDA. VDA is depicted in the following format: 3.00°/TCH 55. On Copter procedures this is depicted in the following format: 7.30°/HCH 20

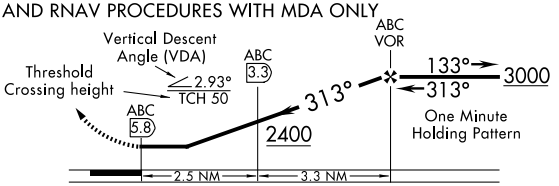
ILS or LOC APPROACH



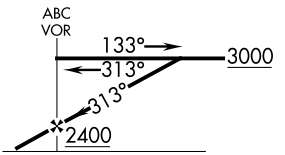
RNAV and GLS PROCEDURES WITH VERTICAL GUIDANCE



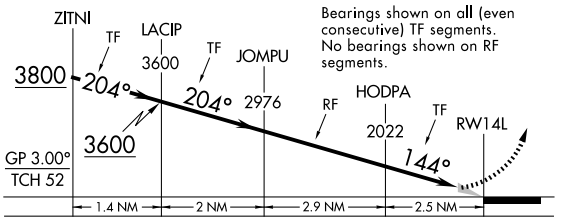
NON-VERTICALLY GUIDED CONVENTIONAL PROCEDURES AND RNAV PROCEDURES WITH MDA ONLY



DESCENT FROM HOLDING PATTERN



RNP APPROACH WITH TF AND RF SEGMENTS



ALTITUDES

5500	Mandatory Altitude	3000	Recommended Altitude
2500	Minimum Altitude	5000 / 3000	Mandatory Block Altitude
4300	Maximum Altitude		

PROFILE SYMBOLS

2400 — Glide Slope/Glidepath Intercept Altitude and final approach fix for vertically guided approach procedures.

▼ Visual Descent Point (VDP)

Visual Flight Path

SW-4, 03 SEP 2026 to 29 OCT 2026

LEGEND

STANDARD TERMINAL ARRIVAL (STAR) CHARTS

23334

RADIO AIDS TO NAVIGATION

Compulsory:

VOR · VORTAC · DME · NDB/DME · VOR/DME · TACAN · NDB

Non-Compulsory:

VOR · VORTAC · DME · NDB/DME · VOR/DME · TACAN · NDB

LOM (Compass locator at outer marker)

Marker Beacon

Localizer Front Course

BACK COURSE

Localizer Back Course (Shading on left)

(T) indicates frequency protection range

ORLANDO
112.25 (T) ORL
Chan 59(Y)

Underline indicates no voice transmitted on this frequency

(Y) TACAN must be placed in "Y" mode to receive distance information

TACAN or DME NAVAID Box

SCOTT
Chan 59
SKE
(112.2)

VHF Paired Frequency

FIXES/ATC REPORTING REQUIREMENTS

Unnamed DME fix

▲ Reporting Point (Compulsory)

△ Reporting Point (Non-Compulsory)

Obvious DME (DME mileage matches route mileage)

75 DME Mileage (when not obvious)

Waypoint (Compulsory)

Waypoint (Non-Compulsory)

Flyover Point

x
(CFTSP) Computer Navigation Fix (CNF) - No ATC Function

AIRPORTS

Civil · Military · Joint (Civil-Military)

Airports not served by the procedure shown in screened color

Civil · Military · Joint (Civil-Military)

ROUTES

MAA FL200 Maximum Authorized Altitude

4500 MEA-Minimum Enroute Altitude

*3500 MOCA-Minimum Obstruction Clearance Altitude

270° Arrival Route

(65) Mileage between Radio Aids, Reporting Points, and Route Breaks

Transition Route

R-275 Radial line and value

Lost Communications Track

V12 J80 Airway/Jet Route Identification

(IAS) Holding Pattern

Lost Comm Holding Pattern

Holding pattern with maximum restricted airspeed
(175K) applies to all altitudes
(210K) applies to altitudes above 6000' to and including 14000'

SPECIAL USE AIRSPACE

R-352

R-Restricted W-Warning
P-Prohibited A-Alert
MOA-Military Operations Area

ALTITUDES

5500 Mandatory Altitude (Cross at)

2300 Minimum Altitude (Cross at or above)

4800 Maximum Altitude (Cross at or below)

15000
12000
Block Altitude

Altitude change at other than Radio Aids to Navigation

INDICATED AIRSPEED

175K Mandatory Airspeed

120K Minimum Airspeed

250K Maximum Airspeed

MISCELLANEOUS

Changeover Point

Air Defense Identification Zone

N
Indicates True North is not aligned to the top of the page

Ldg KLAS and KHND

Ldg Rwys 16L/C/R

Terminus identifier

23334

LEGEND

SW-4, 03 SEP 2026 to 29 OCT 2026

LEGEND

DEPARTURE PROCEDURE (DP) CHARTS

26190

RADIO AIDS TO NAVIGATION

Compulsory:

VOR · VORTAC · DME · NDB/DME
VOR/DME · TACAN · NDB

Non-Compulsory:

VOR · VORTAC · DME · NDB/DME
VOR/DME · TACAN · NDB

LOC · LOC/DME
(shown when installation is offset from its normal position off the end of the runway.)

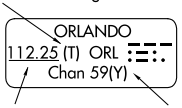
LOM (Compass locator at outer marker)

Marker Beacon

Localizer Front Course

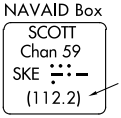
BACK COURSE
Localizer Back Course (Shading on left)

(T) indicates frequency protection range



Underline indicates no voice transmitted on this frequency

TACAN or DME NAVAID Box



VHF Paired Frequency

(Y) TACAN must be placed in "Y" mode to receive distance information

FIXES/ATC REPORTING REQUIREMENTS

Unnamed DME fix

▲ Reporting Point (Compulsory)
△ Reporting Point (Non-Compulsory)

Obvious DME (DME mileage matches route mileage)

75 → DME Mileage (when not obvious)

Waypoint (Compulsory)

Waypoint (Non-Compulsory)

Flyover Point

x
(CFTSP) Computer Navigation Fix (CNF) - No ATC Function

MISCELLANEOUS

Changeover Point

Distance not to scale

International Boundary

Frequency Sectorization Boundary

Air Defense Identification Zone

Takeoff Minimums and (Obstacle) Departure Procedures entry published.

ROUTES

4500 MEA-Minimum Enroute Altitude
*3500 MOCA-Minimum Obstruction Clearance Altitude
270° Departure Route
(65) Mileage between Radio Aids, Reporting Points, and Route Breaks

Transition Route

R-275 Radial line and value

Lost Communications Track

Visual Flight Path

V12 J80 Airway/Jet Route Identification

(IAS) Holding Pattern

Lost Comm Holding Pattern

Holding pattern with maximum restricted airspeed (175K) applies to all altitudes
(210K) applies to altitudes above 6000' to and including 14000'

SPECIAL USE AIRSPACE

R-352

R-Restricted W-Warning
P-Prohibited A-Alert
MOA-Military Operations Area

ALTITUDES

5500 Mandatory Altitude (Cross at)

2300 Minimum Altitude (Cross at or above)

4800 Maximum Altitude (Cross at or below)

15000 / 12000 Block Altitude

TOP ALTITUDE: 5000 Top altitude restriction

INDICATED AIRSPEED

175K Mandatory Airspeed

120K Minimum Airspeed

250K Maximum Airspeed

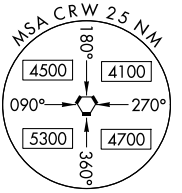
AIRPORTS

Heliport

Civil · Military · Joint (Civil-Military)

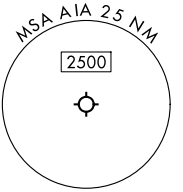
MINIMUM SAFE ALTITUDE (MSA)

Facility Identifier



(arrows on distance circle identify sectors)

Airport Identifier



26190

LEGEND

SW-4, 03 SEP 2026 to 29 OCT 2026

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.

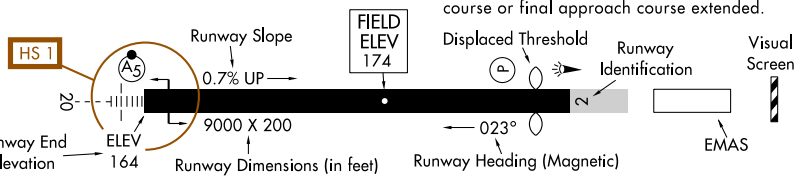
Positional accuracy within ± 600 feet unless otherwise noted on the chart.

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

INSTRUMENT APPROACH PROCEDURES (CHARTS)
APPROACH LIGHTING SYSTEM - UNITED STATES

25331

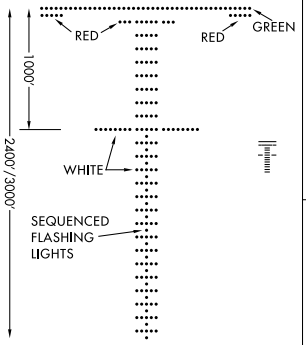
Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, e.g., (A2), (V), etc.

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).

CATEGORY I APPROACH LIGHTING SYSTEM

(A1)

ALSF-1

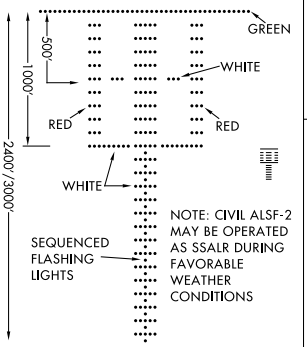


(High Intensity)
LENGTH 2400/3000 FEET

CATEGORY II APPROACH LIGHTING SYSTEM

(A)

ALSF-2

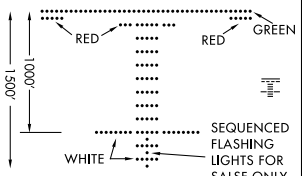


(High Intensity)
LENGTH 2400/3000 FEET

SHORT APPROACH LIGHTING SYSTEM

(A2) (A2)

SALS/SALSF



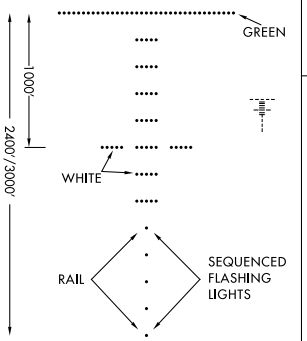
(High Intensity)
LENGTH 1500 FEET

SIMPLIFIED SHORT APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

(A3)

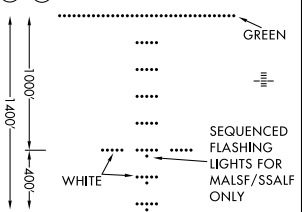
SSALR



(High Intensity)
LENGTH 2400/3000 FEET

MEDIUM INTENSITY (**MALS** and **MALSF**) OR SIMPLIFIED SHORT (**SSALS** and **SSALF**) APPROACH LIGHTING SYSTEMS

(A4) (A4)



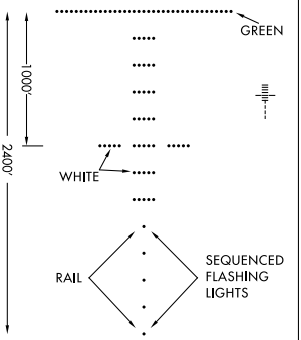
LENGTH 1400 FEET

MEDIUM INTENSITY APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

(A5)

MALSR

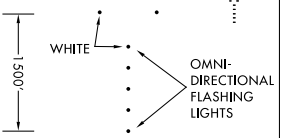


LENGTH 2400 FEET

OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM

(A)

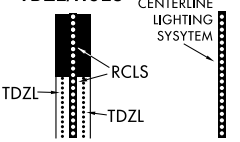
ODALS



LENGTH 1500 FEET

RUNWAY TOUCHDOWN ZONE LIGHTS AND RUNWAY CENTERLINE LIGHTING SYSTEMS

TDZL/RCLS



AVAILABILITY of TDZL/RCLS will be shown by NOTE in SKETCH, e.g. "TDZL/RCLS Rwy 15".

LEGEND

25331

SW-4, 03 SEP 2026 to 29 OCT 2026

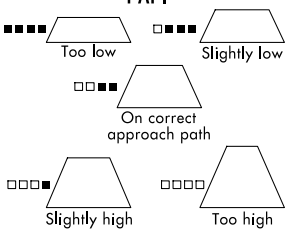
LEGEND

Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, (A2), (V), etc.

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).

(P) PRECISION APPROACH PATH INDICATOR

PAPI



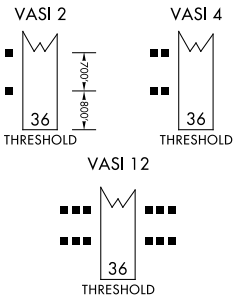
Legend: □ White ■ Red

(V) VISUAL APPROACH SLOPE INDICATOR

VASI

VISUAL APPROACH SLOPE INDICATOR WITH STANDARD THRESHOLD CLEARANCE PROVIDED.

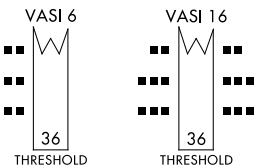
ALL LIGHTS WHITE — — TOO HIGH
FAR LIGHTS RED, NEAR LIGHTS WHITE — ON GLIDE SLOPE
ALL LIGHTS RED — — TOO LOW



(V3) VISUAL APPROACH SLOPE INDICATOR

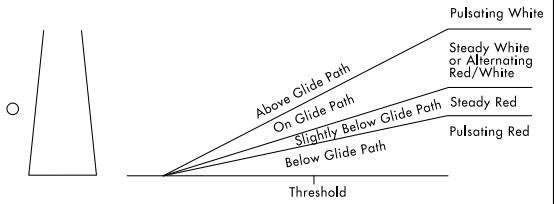
VASI

3-BAR, 6 OR 16 BOX, VISUAL APPROACH SLOPE INDICATOR THAT PROVIDES 2 GLIDE ANGLES AND 2 THRESHOLD CROSSING HEIGHTS.



(V2) PULSATING VISUAL APPROACH SLOPE INDICATOR

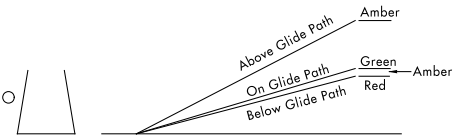
PVASI



CAUTION: When viewing the pulsating visual approach slope indicators in the pulsating white or pulsating red sectors, it is possible to mistake this lighting aid for another aircraft or a ground vehicle. Pilots should exercise caution when using this type of system.

(V4) TRI-COLOR VISUAL APPROACH SLOPE INDICATOR

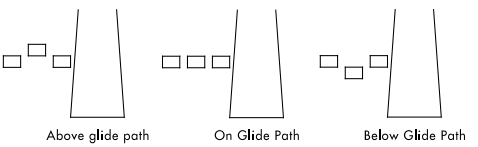
TRCV



CAUTION: When the aircraft descends from green to red, the pilot may see a dark amber color during the transition from green to red.

(V5) ALIGNMENT OF ELEMENTS SYSTEMS

APAP



Painted panels which may be lighted at night. To use the system the pilot positions the aircraft so the elements are in alignment.

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

See the Chart Supplement for a complete listing.

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SUPPLEMENTAL TABLES

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INSTRUMENT TAKEOFF AND APPROACH PROCEDURE CHARTS
RATE OF CLIMB TABLE
(ft per min)

The rate of climb table is provided for use in planning and executing climbs with a known or approximate ground speed. Rates of climb in ft per min are monitored with a vertical speed indicator (VSI). The use of a climb rate should not be used if it will exceed the aircraft's operational limitations.

ft/NM	%	GROUND SPEED (knots)										
		60	90	120	150	180	210	240	270	300	330	360
152	2.50	152	228	304	380	456	532	608	684	760	836	912
200	3.29	200	300	400	500	600	700	800	900	1000	1100	1200
210	3.46	210	315	420	525	630	735	840	945	1050	1155	1260
220	3.62	220	330	440	550	660	770	880	990	1100	1210	1320
230	3.79	230	345	460	575	690	805	920	1035	1150	1265	1380
240	3.95	240	360	480	600	720	840	960	1080	1200	1320	1440
250	4.11	250	375	500	625	750	875	1000	1125	1250	1375	1500
260	4.28	260	390	520	650	780	910	1040	1170	1300	1430	1560
270	4.44	270	405	540	675	810	945	1080	1215	1350	1485	1620
280	4.61	280	420	560	700	840	980	1120	1260	1400	1540	1680
290	4.77	290	435	580	725	870	1015	1160	1305	1450	1595	1740
300	4.94	300	450	600	750	900	1050	1200	1350	1500	1650	1800
310	5.10	310	465	620	775	930	1085	1240	1395	1550	1705	1860
320	5.27	320	480	640	800	960	1120	1280	1440	1600	1760	1920
330	5.43	330	495	660	825	990	1155	1320	1485	1650	1815	1980
340	5.60	340	510	680	850	1020	1190	1360	1530	1700	1870	2040
350	5.76	350	525	700	875	1050	1225	1400	1575	1750	1925	2100
360	5.92	360	540	720	900	1080	1260	1440	1620	1800	1980	2160
370	6.09	370	555	740	925	1110	1295	1480	1665	1850	2035	2220
380	6.25	380	570	760	950	1140	1330	1520	1710	1900	2090	2280
390	6.42	390	585	780	975	1170	1365	1560	1755	1950	2145	2340
400	6.58	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400
450	7.41	450	675	900	1125	1350	1575	1800	2025	2250	2475	2700
500	8.23	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000
550	9.05	550	825	1100	1375	1650	1925	2200	2475	2750	3025	3300

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SUPPLEMENTAL TABLES

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INSTRUMENT TAKEOFF AND APPROACH PROCEDURE CHARTS
RATE OF DESCENT TABLE
(ft per min)

The rate of descent table is provided for use in planning and executing descents with a known or approximate ground speed. The descent chart may also be used to calculate a constant rate of descent in the final segment on a non-precision approach. This rate of descent is advisory only. Rates of descent in ft per min are monitored with a vertical speed indicator (VSI). The use of a descent rate should not be used if it will exceed the aircraft's operational limitations.

ANGLE	ft/NM	GROUND SPEED (knots)										
		60	90	120	150	180	210	240	270	300	330	360
2.0	212	212	318	424	530	637	743	849	955	1061	1167	1273
2.5	265	265	398	531	663	796	929	1061	1194	1326	1459	1592
2.6	276	276	414	552	690	828	966	1104	1242	1380	1518	1655
2.7	287	287	430	573	716	860	1003	1146	1289	1433	1576	1719
2.8	297	297	446	594	743	892	1040	1189	1337	1486	1634	1783
2.9	308	308	462	616	770	923	1077	1231	1385	1539	1693	1847
3.0	318	318	478	637	796	955	1115	1274	1433	1592	1751	1911
3.1	329	329	494	658	823	987	1152	1316	1481	1645	1810	1974
3.2	340	340	510	679	849	1019	1189	1359	1529	1699	1868	2038
3.3	350	350	526	701	876	1051	1226	1401	1577	1752	1927	2102
3.4	361	361	541	722	902	1083	1263	1444	1624	1805	1985	2166
3.5	372	372	557	743	929	1115	1301	1487	1672	1858	2044	2230
3.6	382	382	573	765	956	1147	1338	1529	1720	1911	2103	2294
3.7	393	393	589	786	982	1179	1375	1572	1768	1965	2161	2358
3.8	404	404	605	807	1009	1211	1413	1614	1816	2018	2220	2421
3.9	414	414	621	828	1036	1243	1450	1657	1864	2071	2278	2485
4.0	425	425	637	850	1062	1275	1487	1700	1912	2124	2337	2549
4.5	478	478	717	956	1196	1435	1674	1913	2152	2391	2630	2869
5.0	532	532	797	1063	1329	1595	1861	2126	2392	2658	2924	3190
5.5	585	585	878	1170	1463	1755	2048	2340	2633	2925	3218	3510
6.0	639	639	958	1277	1597	1916	2235	2555	2874	3193	3512	3832
6.5	692	692	1038	1385	1731	2077	2423	2769	3115	3461	3808	4154
7.0	746	746	1119	1492	1865	2238	2611	2984	3357	3730	4103	4476
7.5	800	800	1200	1600	2000	2400	2800	3200	3600	4000	4400	4800
8.0	854	854	1281	1708	2135	2562	2989	3416	3843	4270	4697	5124
8.5	908	908	1362	1816	2270	2724	3178	3632	4086	4540	4994	5448
9.0	962	962	1444	1925	2406	2887	3368	3849	4331	4812	5293	5774
9.5	1017	1017	1525	2034	2542	3050	3559	4067	4576	5084	5592	6101
10.0	1071	1071	1607	2143	2678	3214	3750	4286	4821	5357	5893	6428

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IFR TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR takeoff minimums other than standard, are listed below. Takeoff Minimums and Departure Procedures apply to all runways unless otherwise specified. An entry may also be listed that contains only Takeoff Obstacle Notes. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

The FAA redefined the initial climb area (ICA) criteria used to evaluate and identify the obstacles that penetrate the 40:1 OCS. The takeoff obstacle notes are published in a different manner and an additional minimums option is added for the departure. To ensure the pilot knows which evaluation was accomplished, the charting will be different by bolding certain headers and runway information to indicate the new ICA criteria has been used as indicated in (1) and (2) below. Until the FAA can amend all departures, the legacy obstacle notes will still be published.

(1) For textual departures, the headers Takeoff Minimums, Departure Procedure, and Takeoff Obstacle Notes will be bolded and underlined. The specific runway entries under each header will continue to be bolded.

(2) For graphic departure procedures, the headers Takeoff Minimums and Takeoff Obstacle Notes will be bolded and continue to be underlined. The specific runway entries for these headers will be bolded. In the Departure Route Description section of the graphic departure, the heading will be bolded and underlined, and the runway information will be bolded.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are textually described below, or published separately as a graphic procedure. If the ODP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or the applicable military volume, as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not specifically assigned an ODP, SID, or RADAR vector as part of an IFR clearance, an ODP may be required to be flown for obstacle clearance, even though not specifically stated in the IFR clearance. When doing so in this manner, ATC should be informed when the ODP being used contains a specified route to be flown, restrictions before turning, and/or altitude restrictions.

Some ODPs, which are established solely for obstacle avoidance, require a climb in visual conditions to cross the airport, a fix, or a NAVAID in a specified direction, at or above a specified altitude. These procedures are called Visual Climb Over Airport (VCOA). To ensure safe and efficient operations, the pilot must notify ATC of their intent to fly the VCOA when requesting their IFR clearance.

At some locations where an ODP has been established, a diverse vector area (DVA) may be created to allow RADAR vectors to be used in lieu of an ODP. DVA information will state that headings will be as assigned by ATC and climb gradients, when applicable, will be published immediately following the specified departure procedure.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard takeoff rules and establishes takeoff minimums for certain operators as follows: (1) For aircraft, other than helicopters, having two engines or less – one statute mile visibility. (2) For aircraft having more than two engines – one-half statute mile visibility. (3) For helicopters – one-half statute mile visibility. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) takeoff minima are published below. For military takeoff minima, refer to appropriate service directives.

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BATTLE MOUNTAIN, NV

BATTLE MOUNTAIN (BAM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 26MAR20 (20086) (FAA)

TAKEOFF MINIMUMS:

Rwy 4, std. w/min. climb of 335' per NM to 6300 or 4800-3 for VCOA.

Rwy 13, std. w/min. climb of 350' per NM to 6500 or 4800-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 4, climb on heading 036° and BAM VORTAC R-036 outbound to 8200 before proceeding on course.

Rwy 13, climbing right turn heading 240° and BAM VORTAC R-210 outbound to 10000 before proceeding on course.

Rwy 22, climb direct BAM VORTAC and proceed on BAM R-210 outbound to 10100 before proceeding on course.

Rwy 31, climb on heading 306° and BAM VORTAC R-329 outbound to 9100 before proceeding on course.

VCOA:

Rwys 4, 13, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Battle Mountain airport at or above 9200 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees beginning 129' from DER, 18' right of centerline, up to 45' AGL/4570' MSL.
Trees beginning 153' from DER, 55' left of centerline, up to 45' AGL/4570' MSL.
Rwy 13, vehicle on road 15' from DER, 171' right of centerline, 4558' MSL.
Sign 19' from DER, 250' left of centerline, 4' AGL/4537' MSL.
Tree, vehicle on road beginning 42' from DER, 23' right of centerline, up to 55' AGL/4566' MSL.
Trees beginning 116' from DER, 151' left of centerline, up to 45' AGL/4566' MSL.
Trees beginning 120' from DER, 47' right of centerline, up to 45' AGL/4570' MSL.
Trees beginning 497' from DER, 127' left of centerline, up to 45' AGL/4570' MSL.
Trees beginning 731' from DER, 71' right of centerline, up to 45' AGL/4573' MSL.
CON'T

BATTLE MOUNTAIN, NV (CON'T)

BATTLE MOUNTAIN (BAM) (CON'T)

Rwy 13 (CON'T), trees beginning 956' from DER, 79' left of centerline, up to 45' AGL/4573' MSL.
Tree 1493' from DER, 667' right of centerline, 45' AGL/4576' MSL.
Rwy 22, tree, NAVAID, wind indicator beginning 101' from DER, 13' right of centerline, up to 45' AGL/4570' MSL.
Trees beginning 125' from DER, 133' left of centerline, up to 45' AGL/4570' MSL.
Trees beginning 499' from DER, 60' left of centerline, up to 45' AGL/4573' MSL.
Trees beginning 1270' from DER, 215' left of centerline, up to 45' AGL/4576' MSL.
Rwy 31, vegetation 33' from DER, 487' left of centerline, 4540' MSL.
Trees beginning 50' from DER, 80' right of centerline, up to 45' AGL/4573' MSL.
Trees beginning 124' from DER, 46' left of centerline, up to 45' AGL/4573' MSL.

BEAVER, UT

BEAVER MUNI (U52)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 03JAN19 (19003) (FAA)

TAKEOFF MINIMUMS:

Rwys 7, 25, NA - Obstacles
Rwys 13, 31 , 2600-2¾ for VCOA.

VCOA:

Rwys 13, 31, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Beaver Muni at or above 8300, then climb to 10100 on MLF VORTAC R-102 to MLF VORTAC. Do not exceed 210K until established on MLF VORTAC R-102.

TAKEOFF OBSTACLE NOTES:

Rwy 13, vegetation 429' from DER, 46' right of centerline, 5877' MSL.
Tree 642' from DER, 49' right of centerline, 5886' MSL.
Terrain 1344' from DER, 802' right of centerline, 5899' MSL.
Terrain 1725' from DER, 938' left of centerline, 5909' MSL.
Terrain 1729' from DER, 762' right of centerline, 5913' MSL.
Terrain beginning 1854' from DER, 7' left of centerline, up to 5913' MSL.
Terrain 1857' from DER, 559' right of centerline, 5916' MSL.
Terrain beginning 1981' from DER, 209' left of centerline, up to 5922' MSL.
Terrain beginning 1984' from DER, 357' right of centerline, up to 5919' MSL.
Terrain beginning 2109' from DER, 412' left of centerline, up to 5929' MSL.
Terrain beginning 2112' from DER, 154' right of centerline, up to 5926' MSL.
Terrain 2240' from DER, 47' left of centerline, 5932' MSL.
Terrain 2366' from DER, 817' left of centerline, 5936' MSL.
Terrain 2367' from DER, 250' left of centerline, 5939' MSL.
Terrain beginning 2369' from DER, 316' right of centerline, up to 5932' MSL.
Terrain beginning 2494' from DER, 452' left of centerline, up to 5942' MSL.
Terrain beginning 2496' from DER, 114' right of centerline, up to 5939' MSL.
Terrain beginning 2623' from DER, 88' left of centerline, up to 5949' MSL.
Terrain beginning 2750' from DER, 291' left of centerline, up to 5955' MSL.
Terrain beginning 2753' from DER, 275' right of centerline, up to 5942' MSL.
Terrain beginning 2879' from DER, 493' left of centerline, up to 5962' MSL.
Terrain beginning 2881' from DER, 73' right of centerline, up to 5949' MSL.
Terrain beginning 3007' from DER, 129' left of centerline, up to 5965' MSL.
Terrain beginning 3135' from DER, 169' left of centerline, up to 5968' MSL.
Terrain beginning 3137' from DER, 235' right of centerline, up to 5952' MSL.
Terrain beginning 3265' from DER, 32' right of centerline, up to 5955' MSL.
Terrain 3268' from DER, 1166' right of centerline, 5959' MSL.
Terrain beginning 3394' from DER, 396' right of centerline, up to 5962' MSL.
Terrain beginning 3522' from DER, 194' right of centerline, up to 5965' MSL.
Terrain beginning 3650' from DER, 8' left of centerline, up to 5972' MSL.
Terrain beginning 3651' from DER, 558' right of centerline, up to 5968' MSL.
Terrain beginning 3779' from DER, 356' right of centerline, up to 5975' MSL.
Terrain beginning 3905' from DER, 413' left of centerline, up to 5975' MSL.
Terrain beginning 3906' from DER, 153' right of centerline, up to 5978' MSL.
Terrain 4033' from DER, 615' left of centerline, 5978' MSL.
Terrain beginning 4034' from DER, 48' left of centerline, up to 5981' MSL.
Terrain beginning 4035' from DER, 518' right of centerline, up to 5981' MSL.
Terrain beginning 4162' from DER, 251' left of centerline, up to 5985' MSL.
Terrain 4163' from DER, 315' right of centerline, 5985' MSL.
Terrain 4164' from DER, 882' right of centerline, 5988' MSL.
Terrain 4166' from DER, 1449' right of centerline, 6001' MSL.
Tree, terrain beginning 4272' from DER, 113' right of centerline, up to 6024' MSL.
Terrain 4417' from DER, 656' left of centerline, 5988' MSL.
Terrain beginning 4418' from DER, 89' left of centerline, up to 5991' MSL.
Terrain 4422' from DER, 1611' right of centerline, 6037' MSL.
Terrain beginning 4454' from DER, 274' right of centerline, up to 6039' MSL.
Terrain, tree beginning 4550' from DER, 72' right of centerline, up to 6050' MSL.
Tree, terrain beginning 4554' from DER, 130' left of centerline, up to 6016' MSL.
Terrain beginning 4678' from DER, 436' right of centerline, up to 6057' MSL.
Terrain 4806' from DER, 1003' right of centerline, 6060' MSL.
CON'T

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BEAVER, UT (CON'T)

BEAVER MUNI (U52) (CON'T)

Rwy 13 (CON'T), terrain beginning 4807' from DER, 234' right of centerline, up to 6083' MSL.
Tree, terrain beginning 4892' from DER, 332' left of centerline, up to 6024' MSL.
Terrain, tree beginning 4935' from DER, 31' right of centerline, up to 6093' MSL.
Tree, terrain beginning 5122' from DER, 170' left of centerline, up to 6026' MSL.
Terrain, tree beginning 5191' from DER, 152' right of centerline, up to 6100' MSL.
Terrain, tree beginning 5444' from DER, 9' left of centerline, up to 6037' MSL.
Terrain beginning 5828' from DER, 49' left of centerline, up to 6050' MSL.
Terrain beginning 5961' from DER, 111' right of centerline, up to 6109' MSL.
Terrain beginning 1 NM from DER, 273' right of centerline, up to 6115' MSL.
Terrain beginning 1 NM from DER, 71' right of centerline, up to 6116' MSL.
Tree, terrain beginning 1 NM from DER, 435' right of centerline, up to 6117' MSL.
Terrain beginning 1 NM from DER, 232' right of centerline, up to 6126' MSL.
Tree, terrain beginning 1.1 NM from DER, 30' right of centerline, up to 6142' MSL.
Terrain, tree beginning 1.1 NM from DER, 192' right of centerline, up to 6146' MSL.
Terrain beginning 1.1 NM from DER, 10' left of centerline, up to 6070' MSL.
Terrain beginning 1.1 NM from DER, 151' right of centerline, up to 6159' MSL.
Terrain, tree beginning 1.2 NM from DER, 110' right of centerline, up to 6182' MSL.
Terrain beginning 1.2 NM from DER, 51' left of centerline, up to 6090' MSL.
Terrain, tree beginning 1.2 NM from DER, 272' right of centerline, up to 6201' MSL.
Terrain beginning 1.3 NM from DER, 91' left of centerline, up to 6109' MSL.
Terrain, tree beginning 1.3 NM from DER, 69' right of centerline, up to 6214' MSL.
Terrain beginning 1.3 NM from DER, 132' left of centerline, up to 6119' MSL.
Terrain, tree beginning 1.3 NM from DER, 29' right of centerline, up to 6237' MSL.
Terrain beginning 1.4 NM from DER, 190' right of centerline, up to 6257' MSL.
Terrain beginning 1.4 NM from DER, 11' left of centerline, up to 6126' MSL.
Terrain beginning 1.4 NM from DER, 150' right of centerline, up to 6264' MSL.
Terrain beginning 1.5 NM from DER, 109' right of centerline, up to 6267' MSL.
Terrain beginning 1.5 NM from DER, 52' left of centerline, up to 6139' MSL.
Terrain beginning 1.5 NM from DER, 271' right of centerline, up to 6277' MSL.
Terrain beginning 1.6 NM from DER, 93' left of centerline, up to 6159' MSL.
Terrain beginning 1.6 NM from DER, 295' left of centerline, up to 6195' MSL.
Terrain beginning 1.6 NM from DER, 27' right of centerline, up to 6280' MSL.
Terrain beginning 1.6 NM from DER, 134' left of centerline, up to 6211' MSL.
Terrain beginning 1.6 NM from DER, 2037' left of centerline, up to 6254' MSL.
Terrain beginning 1.7 NM from DER, 174' left of centerline, up to 6270' MSL.
Terrain beginning 1.7 NM from DER, 13' left of centerline, up to 6296' MSL.
Terrain beginning 1.7 NM from DER, 148' right of centerline, up to 6296' MSL.
Terrain beginning 1.8 NM from DER, 215' left of centerline, up to 6313' MSL.
Terrain beginning 1.8 NM from DER, 1552' left of centerline, up to 6336' MSL.
Terrain beginning 1.8 NM from DER, 1754' left of centerline, up to 6359' MSL.
Terrain beginning 1.8 NM from DER, 310' right of centerline, up to 6333' MSL.
Terrain beginning 1.8 NM from DER, 1390' left of centerline, up to 6375' MSL.
Terrain beginning 1.8 NM from DER, 1593' left of centerline, up to 6395' MSL.
Terrain beginning 1.8 NM from DER, 835' right of centerline, up to 6359' MSL.
Terrain beginning 1.9 NM from DER, 1795' left of centerline, up to 6408' MSL.
Terrain beginning 1.9 NM from DER, 1269' left of centerline, up to 6421' MSL.
Terrain beginning 2 NM from DER, 1310' left of centerline, up to 6441' MSL.
Terrain beginning 2 NM from DER, 664' left of centerline, up to 6447' MSL.

BLANDING, UT

BLANDING MUNI (BDG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 29DEC22 (22363) (FAA)

TAKEOFF MINIMUMS:
Rwy 35, 300-1⅛ w/min. climb of 290' per NM to 6800, or 4700-5 for VCOA.

DEPARTURE PROCEDURE:
Rwy 17, climbing left turn heading 090° to intercept DVC R-223 to DVC VORTAC, continue climb to MEA of intended route.
Rwy 35, climbing right turn heading 035° to intercept DVC R-237 to DVC VORTAC, continue climb to MEA of intended route.

VCOA:
Rwy 35, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Blanding Muni airport at or above 10400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 17, vegetation 131' from DER, 100' left of centerline, 5778' MSL.
Pole 611' from DER, 266' left of centerline, 25' AGL/5791' MSL.
Pole 620' from DER, 561' right of centerline, 27' AGL/5791' MSL.
Pole beginning 721' from DER, 467' right of centerline, up to 35' AGL/5798' MSL.
CON'T

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BLANDING, UT (CON'T)

BLANDING MUNI (BDG) (CON'T)

Rwy 35, vegetation, fence beginning 148' from DER, 247' right of centerline, up to 5880' MSL.
Vehicle on road 173' from DER, 197' left of centerline, 5879' MSL.
Tree, terrain beginning 276' from DER, 262' right of centerline, up to 5883' MSL.
Tree, terrain, vehicle on road beginning 432' from DER, 16' right of centerline, up to 5887' MSL.
Vehicle on road 467' from DER, 187' left of centerline, 5880' MSL.
Vehicle on road 516' from DER, 37' left of centerline, 5882' MSL.
Terrain, vehicle on road beginning 670' from DER, 194' right of centerline, up to 5889' MSL.
Vehicle on road, terrain beginning 822' from DER, 363' right of centerline, up to 5893' MSL.
Tree 1382' from DER, 822' right of centerline, 5909' MSL.
Tree 2261' from DER, 1018' right of centerline, 5928' MSL.
Trees beginning 2447' from DER, 1114' right of centerline, up to 5942' MSL.
Pole 3149' from DER, 1300' right of centerline, 30' AGL/5956' MSL.
Pole, building beginning 3242' from DER, 836' right of centerline, up to 46' AGL/5971' MSL.
Tree 3651' from DER, 790' left of centerline, 5971' MSL.
Pole, tree beginning 3889' from DER, 609' left of centerline, up to 33' AGL/5980' MSL.
Pole beginning 3988' from DER, 65' right of centerline, up to 32' AGL/5975' MSL.
Windmill, pole beginning 4135' from DER, 10' left of centerline, up to 5986' MSL.
Pole, tree beginning 4174' from DER, 299' left of centerline, up to 36' AGL/5990' MSL.
Pole 4199' from DER, 1272' right of centerline, 33' AGL/5979' MSL.
Pole 4426' from DER, 1361' right of centerline, 34' AGL/5982' MSL.
Pole 4467' from DER, 619' left of centerline, 29' AGL/5992' MSL.
Pole 4492' from DER, 1264' right of centerline, 34' AGL/5984' MSL.
Tree 4558' from DER, 739' left of centerline, 5998' MSL.
Stadium, pole beginning 4594' from DER, 323' left of centerline, up to 6016' MSL.
Pole beginning 4723' from DER, 1256' right of centerline, up to 32' AGL/5988' MSL.
Pole 5080' from DER, 1356' right of centerline, 32' AGL/5996' MSL.
Pole, tree beginning 5484' from DER, 370' left of centerline, up to 33' AGL/6019' MSL.
Pole beginning 5494' from DER, 83' left of centerline, up to 37' AGL/6022' MSL.
Tree 5561' from DER, 349' right of centerline, 6015' MSL.
Tree, building beginning 5757' from DER, 189' left of centerline, up to 6026' MSL.
Tree 1.1 NM from DER, 310' left of centerline, 6042' MSL.
Building 1.1 NM from DER, 1517' right of centerline, 61' AGL/6054' MSL.
Tower, pole beginning 1.2 NM from DER, 389' left of centerline, up to 65' AGL/6090' MSL.
Tower 1.3 NM from DER, 104' right of centerline, 40' AGL/6070' MSL.
Tower 1.3 NM from DER, 665' right of centerline, 66' AGL/6092' MSL.
Trees beginning 1.5 NM from DER, 0' right of centerline, up to 6122' MSL.
Tree 1.5 NM from DER, 159' left of centerline, 6114' MSL.
Tree 1.6 NM from DER, 406' left of centerline, 6116' MSL.
Trees beginning 1.6 NM from DER, 118' left of centerline, up to 6130' MSL.
Trees beginning 1.6 NM from DER, 45' right of centerline, up to 6142' MSL.
Trees beginning 1.6 NM from DER, 28' right of centerline, up to 6145' MSL.
Tree 1.9 NM from DER, 43' right of centerline, 6175' MSL.
Tree 2 NM from DER, 712' left of centerline, 6182' MSL.
Tree 2 NM from DER, 912' right of centerline, 6189' MSL.

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BOULDER CITY, NV

BOULDER CITY MUNI (BVU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05DEC19 (19339) (FAA)

TAKEOFF MINIMUMS:
Rwy 33, NA – Obstacles.
Rwy 9, std. w/min. climb of 280' per NM to 3700 or 2000-3 for VCOA.
Rwy 15, std. w/min. climb of 285' per NM to 3900 or 2000-3 for VCOA.
Rwy 27, std. w/min. climb of 450' per NM to 3000 or 2000-3 for VCOA.

DEPARTURE PROCEDURE:
Rwy 9, climbing right turn on heading 180° thence...
Rwy 15, climbing left turn on heading 140° thence...
Rwy 27, climbing left turn on heading 140°. Do not exceed 200 KIAS until turn completion, thence...
... intercept BLD VORTAC R-150, continue climb to 7600 on BLD VORTAC R-150 to LYNSY INT/BLD 21 DME.

VCOA:
Rwys 9, 15, 27, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross BLD VORTAC southeast bound at or above 4100 then on BLD VORTAC R-150 to LYNSY INT/BLD 21 DME.

TAKEOFF OBSTACLE NOTES:
Rwy 9, sign 124' from DER, 351' left of centerline, 4' AGL/2151' MSL.
Terrain, vegetation beginning 164' from DER, 198' left of centerline, up to 2155' MSL.
Vegetation, terrain beginning 401' from DER, 396' left of centerline, up to 3' AGL/2160' MSL.
Buildings, tanks beginning 776' from DER, 561' left of centerline, up to 25' AGL/2188' MSL.
Building 1116' from DER, 791' left of centerline, 25' AGL/2190' MSL.
Tree 1235' from DER, 593' left of centerline, 33' AGL/2198' MSL.
Trees beginning 1319' from DER, 348' left of centerline, up to 32' AGL/2200' MSL.
Trees, buildings, pole beginning 1523' from DER, 360' left of centerline, up to 38' AGL/2211' MSL.
Trees beginning 1791' from DER, 751' left of centerline, up to 46' AGL/2220' MSL.
CON'T

BOULDER CITY, NV (CON'T)

BOULDER CITY MUNI (BVU) (CON'T)

Rwy 9 (CON'T), trees beginning 1956' from DER, 294' left of centerline, up to 48' AGL/2221' MSL.
Catenaries beginning 2205' from DER, 1083' left of centerline, up to 79' AGL/2259' MSL.
Catenaries, transmission lines beginning 3391' from DER, 208' left of centerline, up to 76' AGL/2267' MSL.
Transmission line, catenary beginning 3730' from DER, 3' right of centerline, up to 98' AGL/2254' MSL.
Tower 3984' from DER, 227' right of centerline, 118' AGL/2275' MSL.
Transmission line 3989' from DER, 228' right of centerline, 119' AGL/2276' MSL.
Tower 5076' from DER, 1016' left of centerline, 112' AGL/2301' MSL.
Tower 5545' from DER, 1916' left of centerline, 110' AGL/2330' MSL.
Rwy 15, terrain 3' from DER, 395' left of centerline, 2103' MSL.
Terrain, vertical point beginning 3' from DER, 112' left of centerline, up to 2105' MSL.
Rwy 27, terrain 5' from DER, 395' right of centerline, 2119' MSL.
Terrain, sign, buildings beginning 15' from DER, 187' right of centerline, up to 2121' MSL.
Fence, tree beginning 206' from DER, 170' right of centerline, up to 2' AGL/2123' MSL.

BRIGHAM CITY, UT

BRIGHAM CITY RGNL (BMC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 15JUN23 (23166) (FAA)

DEPARTURE PROCEDURE:
Use OGDEN DEPARTURE.

TAKEOFF OBSTACLE NOTES:
Rwy 17, pole, vehicle on road beginning 265' from DER, 559' right of centerline, up to 33' AGL/4259' MSL.
Pole 1063' from DER, 720' right of centerline, 36' AGL/4260' MSL.
Poles beginning 1494' from DER, 588' right of centerline, up to 50' AGL/4274' MSL.
Pole 2216' from DER, 1084' right of centerline, 82' AGL/4305' MSL.
Rwy 35, pole 9' from DER, 29' right of centerline, 6' AGL/4231' MSL.

BRYCE CANYON, UT

BRYCE CANYON (BCE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10MAR11 (11069) (FAA)

DEPARTURE PROCEDURE:
Use BRYCE DEPARTURE.

BUCKEYE, AZ

BUCKEYE MUNI (BXK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 19MAR26 (26078) (FAA)

TAKEOFF MINIMUMS:
Rwy 35, 300-1¼ or std w/min climb of 235'/NM to 1300, or alternatively, with std takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to DER.

DEPARTURE PROCEDURE:
Rwy 17, climb on a heading between 130° CW to 340° from DER.
Rwy 35, climb on a heading between 170° CW to 340° from DER.

TAKEOFF OBSTACLE NOTES:
Rwy 17, vegetation 4' from DER, 486' right of centerline, 996' MSL.
Vegetation 5' from DER, 304' right of centerline, 998' MSL.
Tree 124' from DER, 392' left of centerline, 1002' MSL.
Rwy 35, vegetation beginning 27' from DER, 151' left of centerline, up to 1040' MSL.
Vegetation 62' from DER, 294' right of centerline, 1038' MSL.
Vegetation 91' from DER, 164' right of centerline, 1039' MSL.
Vegetation beginning 125' from DER, 257' right of centerline, up to 1040' MSL.
Poles beginning 1846' from DER, 629' left of centerline, up to 39' AGL/1084' MSL.
Pole 1871' from DER, 322' left of centerline, 40' AGL/1086' MSL.
Pole 1883' from DER, 13' left of centerline, 39' AGL/1087' MSL.
Pole 1894' from DER, 294' right of centerline, 38' AGL/1087' MSL.
Pole 1905' from DER, 601' right of centerline, 39' AGL/1089' MSL.
Pole 1916' from DER, 909' right of centerline, 42' AGL/1090' MSL.
Transmission line, electrical system beginning 5093' from DER, 1197' right of centerline, up to 113' AGL/1180' MSL.
Transmission line 5845' from DER, 1820' left of centerline, 129' AGL/1204' MSL.

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BULLHEAD CITY, AZ

LAUGHLIN/BULLHEAD INTL (IFP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 02MAR17 (17061) (FAA)

TAKEOFF MINIMUMS:

Rwy 16, standard w/min. climb of 285' per NM to 1700, or 1700-3 for VCOA.

Rwy 34, standard w/min. climb of 500' per NM to 5500, or 1700-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 16, climb on heading 164° and EED VORTAC R-331 to EED VORTAC.

Rwy 34, climb on heading 344° to 2200, then climbing right turn direct EED VORTAC. All aircraft climb in EED VORTAC holding pattern (E, right turns, 257° inbound) to cross EED VORTAC at or above MEA for direction of flight before proceeding on course.

VCOA:

Rwy 16, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Laughlin/ Bullhead Intl airport at or above 2300, then continue climbing on heading 155 and EED VORTAC R-335 to EED VORTAC.

Rwy 34, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Laughlin/ Bullhead Intl airport at or above 2300, then continue climbing on heading 155 and EED VORTAC R-335 to EED VORTAC.

TAKEOFF OBSTACLE NOTES:

Rwy 16, grd 188' from DER, 83' left of centerline, 715' MSL.
Bush 349' from DER, 516' right of centerline, 722' MSL.
Grd 390' from DER, 528' left of centerline, 719' MSL.
Grd beginning 484' from DER, 481' left of centerline, up to 723' MSL.
Bush 532' from DER, 642' right of centerline, 727' MSL.
Grd beginning 568' from DER, 490' left of centerline, up to 727' MSL.
Bush 700' from DER, 663' right of centerline, 728' MSL.
Grd 798' from DER, 466' left of centerline, 729' MSL.
Bush, grd beginning 801' from DER, 541' left of centerline, up to 734' MSL.
Tree, bush, grd beginning 910' from DER, 557' left of centerline, up to 745' MSL.
Bush, grd beginning 1103' from DER, from 204' right to 1008' left of centerline, up to 777' MSL.
Grd, bush beginning 2134' from DER, 731' left of centerline, up to 778' MSL.
Grd, bush beginning 2214' from DER, 870' left of centerline, up to 786' MSL.
Grd beginning 2288' from DER, 801' left of centerline, up to 792' MSL.
Grd, tree beginning 2328' from DER, 724' left of centerline, up to 797' MSL.
Grd beginning 2811' from DER, 1128' left of centerline, up to 798' MSL.
Grd beginning 2915' from DER, 1166' left of centerline, up to 800' MSL.
Grd beginning 3022' from DER, 1185' left of centerline, up to 804' MSL.
Grd beginning 3123' from DER, 1221' left of centerline, up to 809' MSL.
Grd beginning 3219' from DER, 1257' left of centerline, up to 814' MSL.
Grd beginning 3325' from DER, 1284' left of centerline, up to 818' MSL.
Grd beginning 3428' from DER, 1210' left of centerline, up to 821' MSL.
Grd beginning 3528' from DER, 1241' left of centerline, up to 824' MSL.
Grd, bush, tank beginning 3632' from DER, 1157' left of centerline, up to 825' MSL.
Tank 4810' from DER, 1528' left of centerline, 848' MSL.
Grd 5412' from DER, 1872' left of centerline, 852' MSL.
Grd, bushes beginning 5511' from DER, 926' left of centerline, up to 865' MSL.
Bushes beginning 5742' from DER, 1483' left of centerline, up to 883' MSL.
Grd, bushes beginning 5774' from DER, 793' left of centerline, up to 891' MSL.
Bush 5852' from DER, 1933' left of centerline, 904' MSL.
Grd, pole, bushes beginning 5856' from DER, 24' left of centerline, up to 920' MSL.
Trees, bushes, grd, tank beginning 1.2 NM from DER, left and right of centerline, up to 962' MSL.
Trees, bushes, grd beginning 1.3 NM from DER, 1' left of centerline, up to 985' MSL.
Bush 1.4 NM from DER, 1941' left of centerline, 993' MSL.
Bushes, grd, tank, pole beginning 1.5 NM from DER, 1919' left of centerline, up to 1036' MSL.
Bushes, vehicles on road, trees, pole beginning 1.9 NM from DER, 2218' left of centerline, up to 1086' MSL.
Tanks, bushes, pole beginning 2.2 NM from DER, 3103' left of centerline, up to 1121' MSL.

Rwy 34, airfield light 40' from DER, 148' right of centerline, 627' MSL.
T-l twr, tree beginning 1818' from DER, 620' right of centerline, up to 65' AGL/687' MSL.
Pole, tree beginning 2214' from DER, 629' right of centerline, up to 709' MSL.
Pole, tree beginning 2638' from DER, 646' right of centerline, up to 719' MSL.
Pole, bushes, grd beginning 3054' from DER, 663' right of centerline, up to 741' MSL.
Pole, bush, bldg, grd, vehicles on road beginning 3661' from DER, 691' right of centerline, up to 773' MSL.
Poles, bushes, grd, vehicles on road, trees, bldgs, flagpole beginning 4024' from DER, 705' right of centerline, up to 796' MSL.
Comm twr 5197' from DER, 1015' right of centerline, 816' MSL.
Comm twr 5278' from DER, 1149' right of centerline, 821' MSL.
T-l twr 1.6 NM from DER, 719' left of centerline, 894' MSL.
Grd beginning 1.8 NM from DER, 3419' right of centerline, up to 963' MSL.
Grd 2.1 NM from DER, 3212' right of centerline, 1018' MSL.
Grd, tree beginning 2.2 NM from DER, 1351' right of centerline, up to 1079' MSL.
Grd 2.6 NM from DER 3025' right of centerline, 2010' MSL.

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CARSON CITY, NV

CARSON CITY (CXP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20NOV08 (21112) (FAA)

TAKEOFF MINIMUMS:

Rwy 27, NA - Obstacles.

DEPARTURE PROCEDURE:

Rwy 9, use JIMPA DEPARTURE.

CASA GRANDE, AZ

CASA GRANDE MUNI (CGZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1B 06FEB14 (14037) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, 300-1 or std. w/ min. climb of 354' per NM to 1700.

DEPARTURE PROCEDURE:

Rwy 5, climbing right turn direct TFD VORTAC, thence...

Rwy 23, climb direct TFD VORTAC, thence...

...continue climb in holding pattern (SW, right turns, 048° inbound) to MEA for direction of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 5, pole 4034' from DER, 805' left of centerline, 109' AGL/1593' MSL.

CEDAR CITY, UT

CEDAR CITY RGNL (CDC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 17AUG17 (17229) (FAA)

TAKEOFF MINIMUMS:

Rwy 8, 4200-3 for VCOA.

Rwy 20, std. w/min. climb of 290' per NM to 7300 or 4200-3 for VCOA.

Rwy 26, std. w/min. climb of 255' per NM to 7000 or 4200-3 for VCOA.

DEPARTURE PROCEDURE:

Rwys 2, 8, climbing left turn direct EHK VOR/DME, thence...

Rwys 20, 26, climbing right turn direct EHK VOR/DME, thence...

...continue climb on EHK VOR/DME R-278 until reaching the MEA/MCA for direction of flight.

VCOA:

Rwys 8, 20, 26, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Cedar City Rgnl airport at or above 9700, then proceed on EHK VOR/DME R-180 direct EHK VOR/DME, then on EHK VOR/DME R -278 until reaching the MEA/MCA for direction of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 2, sign abeam DER, 313' right of centerline, 3' AGL/5604' MSL.
Terrain and bush beginning 145' from DER, 420' right of centerline, up to 5608' MSL.
Rwy 8, terrain 3' from DER, 112' right of centerline, 5622' MSL.
Terrain 18' from DER, 221' right of centerline, 5623' MSL.
Terrain beginning 30' from DER, 178' right of centerline, up to 5624' MSL.
Terrain 122' from DER, 473' right of centerline, 5626' MSL.
Bush 125' from DER, 234' left of centerline, 5628' MSL.
Terrain 193' from DER, 491' right of centerline, 5627' MSL.
Fence and vehicles on road beginning 638' from DER, 33' right of centerline, up to 10' AGL/5639' MSL.
Vehicles on road 686' from DER, 136' right of centerline, 5640' MSL.
Vehicles on road 701' from DER, 242' right of centerline, 5641' MSL.
Transmission tower 2865' from DER, 369' right of centerline, 51' AGL/5707' MSL.
Transmission tower 2902' from DER, 260' right of centerline, 53' AGL/5710' MSL.
Pole and transmission towers beginning 2918' from DER, 70' right of centerline, up to 62' AGL/5719' MSL.
Transmission towers beginning 3004' from DER, 39' left of centerline, up to 49' AGL/5705' MSL.
Pole 3175' from DER, 564' left of centerline, 56' AGL/5710' MSL.
Rwy 20, runway light 10' from DER, 54' right of centerline, 2' AGL/5579' MSL.
Terrain 12' from DER, 98' left of centerline, 5579' MSL.
Runway light and sign beginning 31' from DER, 275' left of centerline, up to 3' AGL/5583' MSL.
Pole 941' from DER, 446' right of centerline, 34' AGL/5604' MSL.
Pole 1066' from DER, 363' right of centerline, 38' AGL/5608' MSL.
Elevator and tank beginning 2081' from DER, 1051' left of centerline, up to 105' AGL/5690' MSL.
Tree 3789' from DER, 1512' left of centerline, 5692' MSL.
Tree 4004' from DER, 1526' left of centerline, 5693' MSL.
Tree 4265' from DER, 1530' left of centerline, 5718' MSL.
Trees beginning 4278' from DER, 1546' left of centerline, up to 5721' MSL.
Trees beginning 4526' from DER, 1533' left of centerline, up to 5733' MSL.
Trees beginning 4858' from DER, 1520' left of centerline, up to 5737' MSL.
Tree 5456' from DER, 1835' left of centerline, 5748' MSL.
Building and tree beginning 5497' from DER, 1518' left of centerline, up to 21' AGL/5759' MSL.
Pole and tree beginning 5737' from DER, 1543' left of centerline, up to 20' AGL/5769' MSL.
Pole and tree beginning 5964' from DER, 1545' left of centerline, up to 20' AGL/5779' MSL.
Trees beginning 1 NM from DER, 1665' left of centerline, up to 5783' MSL.
Tree 1.2 NM from DER, 2080' left of centerline, 5800' MSL.
CON'T

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SW-4, 03 SEP 2026 to 29 OCT 2026

CEDAR CITY, UT (CON'T)

CEDAR CITY RGNL (CDC) (CON'T)

Rwy 20 (CON'T), trees beginning 1.2 NM from DER, 2049' left of centerline, up to 5814' MSL.
Trees beginning 1.3 NM from DER, 2107' left of centerline, up to 5836' MSL.
Trees beginning 1.3 NM from DER, 2244' left of centerline, up to 5840' MSL.
Trees beginning 1.3 NM from DER, 2048' left of centerline, up to 5849' MSL.
Trees beginning 1.3 NM from DER, 2283' left of centerline, up to 5852' MSL.
Trees beginning 1.4 NM from DER, 2301' left of centerline, up to 5871' MSL.
Tree 1.4 NM from DER, 2599' left of centerline, 5874' MSL.
Trees beginning 1.4 NM from DER, 2436' left of centerline, up to 5895' MSL.
Pole and tree beginning 1.6 NM from DER, 2822' left of centerline, up to 50' AGL/5944' MSL.
Pole 2.3 NM from DER, 3922' left of centerline, 34' AGL/5952' MSL.
Rwy 26, sign 71' from DER, 167' right of centerline, 6' AGL/5584' MSL.
Pole 1375' from DER, 319' left of centerline, 44' AGL/5614' MSL.

CHANDLER, AZ

CHANDLER MUNI (CHD)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 20AUG15 (15232) (FAA)

Rwys 4L/R, 22L/R, heading as assigned by ATC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 18SEP14 (14261) (FAA)

DEPARTURE PROCEDURE:

Rwys 4L/R, climbing left turn heading 220° to intercept TFD VORTAC R-350 southbound to TFD VORTAC.
Rwys 22L/R, climbing left turn heading 190° to intercept TFD VORTAC R-350 southbound to TFD VORTAC.

TAKEOFF OBSTACLE NOTES:

Rwy 4L, antenna on building 69' from DER, 515' left of centerline, 25' AGL/1281' MSL.
Tower 981' from DER, 615' left of centerline, 80' AGL/1319' MSL.
Trees and poles beginning 1100' from DER, 458' left of centerline, up to 30' AGL/1272' MSL.
Rwy 4R, poles beginning 1298' from DER, 56' left of centerline, up to 36' AGL/1283' MSL.
Rwy 22L, tree 336' from DER, 511' right of centerline, 15' AGL/1250' MSL.
Tree 988' from DER, 756' left of centerline, 30' AGL/1266' MSL.
Rwy 22R, building 30' from DER, 441' right of centerline, 24' AGL/1254' MSL.
Vehicles beginning 199' from DER, 271' right of centerline, up to 15' AGL/1246' MSL.
Poles and trees beginning 471' from DER, 45' left of centerline, up to 36' AGL/1290' MSL.
Trees and poles beginning 1088' from DER, 50' right of centerline, up to 36' AGL/1274' MSL.

STELLAR AIRPARK (P19)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22JAN26 (26022) (FAA-O)

TAKEOFF MINIMUMS:

Rwy 17, std w/min climb of 220'/NM to 2600 or 1900-3 for VCOA.
Rwy 35, std w/min climb of 300'/NM to 3900 or 1900-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 17, climb on heading 171° to 3300 before turning right.
Rwy 35, climbing left turn on a heading between 180° CW to 210° to 3900 before proceeding on course. Do not exceed 200K until established south/southwest bound.

VCOA:

All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Stellar Airpark airport at or above 2900 before proceeding on course. Do not exceed 200K until established on course.

TAKEOFF OBSTACLE NOTES:

Rwy 17, vegetation 3' from DER, 190' right of centerline, 5' AGL/1179' MSL.
Wind indicator 37' from DER, 141' left of centerline, 15' AGL/1187' MSL.
Poles and trees beginning 49' from DER, 309' left of centerline, 35' AGL/1210' MSL.
Vehicles on road 75' from DER, left to right of centerline, 15' AGL/1189' MSL.
Trees beginning 93' from DER, 264' right of centerline, up to 37' AGL/1212' MSL.
Poles beginning 359' from DER, left to right of centerline, up to 52' AGL/1215' MSL.
Signs beginning 616' from DER, left to right of centerline, up to 45' AGL/1219' MSL.
Rwy 35, wind indicator 36' from DER, 141' right of centerline, 60' AGL/1202' MSL.
Building 92' from DER, 273' right of centerline, 33' AGL/1214' MSL.
Fence 134' from DER, left to right of centerline, up to 11' AGL/1188' MSL.
Vehicles on road 182' from DER, left to right of centerline, 15' AGL/1195' MSL.
Pole 196' from DER, 19' right of centerline, up to 30' AGL/1214' MSL.
Tree 283' from DER, 57' left of centerline, 15' AGL/1192' MSL.
Pole 299' from DER, 61' right of centerline, 16' AGL/1194' MSL.
Building 313' from DER, 178' right of centerline, 38' AGL/1217' MSL.
Building 355' from DER, 302' left of centerline, 30' AGL/1208' MSL.
Poles 2036' from DER, 878' left of centerline, up to 70' AGL/1244' MSL.

CLIFTON/MORENCI, AZ

GREENLEE COUNTY (CFT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29JUL10 (10210) (FAA)

DEPARTURE PROCEDURE:

Use SAN SIMON DEPARTURE.

COLORADO CITY, AZ

COLORADO CITY MUNI (AZC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 25JAN24 (24025) (FAA)

TAKEOFF MINIMUMS:

Rwy 2, NA-Obstacles.

DEPARTURE PROCEDURE:

Rwys 11, 20, 29, use NORRA (RNAV) DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 11, vegetation, trees beginning 16' from DER, 213' left of centerline, up to 4861' MSL.
Rwy 20, tree 27' from DER, 275' left of centerline, 4843' MSL.
Vegetation 45' from DER, 26' right of centerline, 4843' MSL.
Vehicles on road beginning 67' from DER, 389' left of centerline, up to 4853' MSL.
Tree 1.8 NM from DER, 2971' right of centerline, 5118' MSL.
Rwy 29, sign, tree beginning 15' from DER, 123' right of centerline, up to 5' AGL/4850' MSL.
Vegetation 60' from DER, 46' left of centerline, 4849' MSL.

COOLIDGE, AZ

COOLIDGE MUNI (P08)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10OCT96 (96284) (FAA)

DEPARTURE PROCEDURE:

Rwys 5, 35, climbing left turn heading 280° to intercept TFD R-063, then via R-063 to TFD VORTAC before proceeding on course.
Rwy 17, climbing right turn heading 240° to intercept TFD R-090, then via R-090 to TFD VORTAC before proceeding on course.
Rwy 23, climb runway heading to intercept TFD R-090, then via R-090 to TFD VORTAC before proceeding on course.

COTTONWOOD, AZ

COTTONWOOD (P52)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 26MAY16 (16147) (FAA)

DEPARTURE PROCEDURE:

Use MINGY DEPARTURE.

DAVIS-MONTHAN AFB (KDMA)

TUCSON, AZ

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05SEP24 (24249) (USAF)

DEPARTURE PROCEDURE:

Rwy 13, climb to 5700 and track 125°, intercept DMA R-122 to WUDAR (DMA R-122/16 DME) expect RADAR vectors.
Rwy 31, climb to 5500 and track 308°, intercept DMA R-313 to OTUKE (DMA R-313/16.4 DME) expect RADAR vectors.

TAKEOFF OBSTACLE NOTES:

Rwy 13, terrain 0' from DER, 500' left of centerline, 2707' MSL.
Rwy 31, terrain 0' from DER, 500' right of centerline, 2592' MSL.
Terrain 0' from DER, 484' right of centerline, 2592' MSL.

DELTA, UT

DELTA MUNI (DTA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 02DEC21 (21336) (FAA)

DEPARTURE PROCEDURE:

Use DELTA DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 17, lighting beginning 41' from DER, 76' right of centerline, 3' AGL/4754' MSL.
Tree 609' from DER, 596' right of centerline, 4780' MSL.
Rwy 35, vegetation, lighting beginning 9' from DER, 77' right of centerline, up to 4763' MSL.
Vegetation 47' from DER, 349' left of centerline, 4763' MSL.
Fence 76' from DER, 390' right of centerline, 10' AGL/4769' MSL.
Vehicles on road 177' from DER, 477' right of centerline, 4770' MSL.
Vehicles on road 227' from DER, 458' right of centerline, 4771' MSL.

DOUGLAS BISBEE, AZ

BISBEE- DOUGLAS INTL (DUG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 09FEB12 (12040) (FAA)

DEPARTURE PROCEDURE:

Rwys 8, 17, climbing right turn on heading 330° to intercept DUG VORTAC R-286 to 9500.
Rwy 26, climbing right turn to intercept DUG VORTAC R-286 to 9500.
Rwy 35, climbing left turn to intercept DUG VORTAC R-286 to 9600.

TAKEOFF OBSTACLE NOTES:

Rwy 8, trees and terrain beginning 145' from DER, 51' left of centerline, up to 8' AGL/4220' MSL.
Trees and terrain beginning 22' from DER, 247' right of centerline, up to 13' AGL/4197' MSL.
Rwy 17, trees and terrain beginning 91' from DER, 76' left of centerline, up to 5' AGL/4118' MSL.
Trees and terrain beginning 12' from DER, 146' right of centerline, up to 5' AGL/4115' MSL.
Rwy 26, tree and terrain beginning 16' from DER, 233' left of centerline, up to 5' AGL/4167' MSL.
Trees and terrain beginning 17' from DER, 32' right of centerline, up to 7' AGL/4167' MSL.
Rwy 35, trees and terrain beginning 118' from DER, 15' left of centerline, up to 6' AGL/4190' MSL.
Tree and terrain beginning 75' from DER, 100' right of centerline, up to 11' AGL/4200' MSL.

DUCHESNE, UT

DUCHESNE MUNI (U69)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10OCT19 (19283) (FAA)

TAKEOFF MINIMUMS:

Rwys 8, 26, NA - Environmental.
Rwy 35, std. w/min. climb of 235' per NM to 6900 or 1100-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 17, climbing left turn direct MTU VOR/DME, thence...
Rwy 35, climbing right turn direct MTU VOR/DME, thence...
...continue climb in MTU VOR/DME holding pattern (hold northeast, right turns, 213° inbound) to cross MTU VOR/DME at or above MEA for route of flight.

VCOA:

Rwy 35, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Duchesne Muni Airport at or above 6800 then on MTU VOR/DME R-269 to MTU VOR/DME. Continue climb in MTU VOR/DME holding pattern (hold Northeast, right turns, 213° inbound) to cross MTU VOR/DME at or above MEA for route of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 35, vehicles on road beginning 315' from DER, 95' right of centerline, up to 15' AGL/5844' MSL.
Vehicles on road beginning 327' from DER, 29' left of centerline, up to 15' AGL/5854' MSL.
Equipment 415' from DER, 515' left of centerline, 17' AGL/5856' MSL.
Building 876' from DER, 617' left of centerline, 30' AGL/5869' MSL.
Pole 1048' from DER, 682' left of centerline, 40' AGL/5889' MSL.

ELKO, NV

ELKO RGNL (EKO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 26MAY16 (16147) (FAA)

TAKEOFF MINIMUMS:

Rwys 12, 30, NA-ATC.
Rwy 6, std. w/min. climb of 500' per NM to 7200, or 2000-3 for climb in visual conditions.
Rwy 24, std. w/min. climb of 390' per NM to 8400, or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 6, climb heading 057° to 6500, then climbing right turn direct BQU VOR/DME, thence. . .
Rwy 24, climb heading 237° to 6100, then climbing left turn direct BQU VOR/DME, thence. . . .
. . . .Continue climb in BQU VOR/DME holding pattern (hold south, left turns, 340° inbound) to cross BQU VOR/DME at or above MEA/MCA for route of flight.

VCOA:

Rwy 6, 24, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Elko Rgnl airport at or above 7000, then proceed to BQU VOR/DME and continue climb in BQU VOR/DME holding pattern (hold south, left turns, 340° inbound) to cross BQU VOR/DME at or above MEA/MCA for route of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 6, OL on ltd wsk 253' from DER, 155' right of centerline, 5095' MSL.
Lt poles, beginning 277' from DER, 332' right of centerline, up to 5097' MSL.
Trees, buildings, and ants on ol buildings, beginning 676' from DER, 209' right of centerline, up to 5111' MSL.
Pole 765' from DER, 422' left of centerline, 5110' MSL.
Ols on poles, beginning 903' from DER, 435' left of centerline, up to 5130' MSL.
Trees, poles, and ols on poles, beginning 961' from DER, 130' left of centerline, up to 5207' MSL.
Ant 3007' from DER, 84' right of centerline, 5165' MSL.
Tree 3676' from DER, 251' right of centerline, 5191' MSL.
Rwy 24, vehicles on road, beginning 672' from DER, 315' right of centerline, up to 5075' MSL.
Poles, trees beginning 1179' from DER, 171' right of centerline, up to 36' AGL/5100' MSL.
Poles, beginning 1243' from DER, 663' left of centerline, up to 39' AGL/5085' MSL.
Signs, beginning 1566' from DER, 714' right of centerline, up to 5128' MSL.
Signs, elevators, silos beginning 2155' from DER, 437' right of centerline, up to 44' AGL/5132' MSL.

ELY, NV

ELY/YELLAND FLD (ELY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 30JUN11 (21168) (FAA)

DEPARTURE PROCEDURE:

Use ELY DEPARTURE.

ESCALANTE, UT

ESCALANTE MUNI (1L7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25JAN24 (24025) (FAA)

TAKEOFF MINIMUMS:

Rwy 31, NA-Terrain.

DEPARTURE PROCEDURE:

Rwy 13, use HASSL DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 13, light poles 10' from DER, 19' left of centerline, 4' AGL/5721' MSL.
Tree 32' from DER, 353' left of centerline, 5730' MSL.
Trees beginning 67' from DER, 198' left of centerline, up to 15' AGL/5734' MSL.
Trees beginning 381' from DER, 473' left of centerline, up to 5735' MSL.
Trees beginning 703' from DER, 277' left of centerline, up to 5744' MSL.
Tree 798' from DER, 481' left of centerline, 5747' MSL.
Trees beginning 811' from DER, 336' left of centerline, up to 5752' MSL.
Trees beginning 881' from DER, 441' left of centerline, up to 5756' MSL.
Trees beginning 996' from DER, 361' left of centerline, up to 5765' MSL.
Tree, terrain beginning 1119' from DER, 509' left of centerline, up to 5772' MSL.
Tree, vehicles on road beginning 1228' from DER, 160' left of centerline, up to 5774' MSL.
Trees beginning 1332' from DER, 402' left of centerline, up to 5775' MSL.
Transmission lines, trees, vehicle on road beginning 1439' from DER, 208' left of centerline, up to 5786' MSL.

EUREKA, NV

EUREKA (05U)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22AUG13 (13234) (FAA)

TAKEOFF MINIMUMS:

Rwy 18, NA-Terrain.

DEPARTURE PROCEDURE:

Use MINES (RNAV) DEPARTURE.

FALLON, NV

FALLON MUNI (FLX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 20JUN19 (19171) (FAA)

TAKEOFF MINIMUMS:

Rwys 13, 31, NA - Environmental

DEPARTURE PROCEDURE:

Rwy 3, climbing left turn, thence...

Rwy 21, climbing right turn, thence...

... to 9300 direct HZN VORTAC, continue climb in HZN VORTAC holding pattern (hold west, left turn 075° inbound) cross HZN VORTAC at or above 9300 before proceeding on course, continue climb to MEA or assigned altitude.

TAKEOFF OBSTACLE NOTES:

Rwy 3, sign, trees beginning 9' from DER, 37' left of centerline, up to 5' AGL/3966' MSL.
Tree 121' from DER, 173' right of centerline, 3966' MSL.
Traverse way beginning 134' from DER, 357' right of centerline, up to 3972' MSL.
Trees beginning 146' from DER, 469' left of centerline, up to 6' AGL/3969' MSL.
Traverse way, tree beginning 315' from DER, 232' right of centerline, up to 3974' MSL.
Tree 1068' from DER, 199' left of centerline, 37' AGL/3995' MSL.
Trees beginning 1086' from DER, 208' left of centerline, up to 4002' MSL.
Tree 1093' from DER, 193' right of centerline, 38' AGL/3992' MSL.
Trees, pole beginning 1214' from DER, 306' left of centerline, up to 61' AGL/4018' MSL.
Trees beginning 2148' from DER, 819' left of centerline, up to 4023' MSL.
Tree 2319' from DER, 763' left of centerline, 58' AGL/4024' MSL.
Trees beginning 2960' from DER, 663' left of centerline, up to 97' AGL/4054' MSL.
Rwy 21, trees, terrain beginning 31' from DER, 150' left of centerline, up to 3969' MSL.
Traverse way 32' from DER, 497' right of centerline, 3981' MSL.
Pole 112' from DER, 397' right of centerline, 26' AGL/3991' MSL.
Tree 139' from DER, 401' left of centerline, 4' AGL/3970' MSL.
Poles, traverse way, vegetation, building beginning 149' from DER, 19' right of centerline, up to 36' AGL/4002' MSL.
Traverse way beginning 380' from DER, 308' left of centerline, up to 3984' MSL.
Traverse way beginning 525' from DER, 22' left of centerline, up to 3985' MSL.
Tree 1286' from DER, 785' right of centerline, 48' AGL/4016' MSL.
Tree 1407' from DER, 840' right of centerline, 57' AGL/4025' MSL.

CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

FALLON, NV (CON'T)

FALLON MUNI (FLX) (CON'T)

Rwy 21 (CON'T), pole 1813' from DER, 798' left of centerline, 39' AGL/4013' MSL.
Tree 1896' from DER, 869' right of centerline, 76' AGL/4040' MSL.

FALLON NAS (VAN VOORHIS FLD) (KNFL)

FALLON, NV

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 02OCT25 (25275) (USN)

TAKEOFF MINIMUMS:
Rwy 7, std w/min climb rate of 305'/NM to 9900.
Rwys 13L/R, std w/min climb rate of 255'/NM to 7500.

DEPARTURE PROCEDURE:
Rwy 7, diverse departure authorized.
Rwys 13L/R, climb on hdg between 110° CW to 310° from DER.
Rwy 25, climb on hdg between 218° CW to 028° from DER.
Rwys 31L/R, climb on hdg between 220° CW to 025° from DER.

FILLMORE, UT

FILLMORE MUNI (FOM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 18NOV10 (10322) (FAA)

TAKEOFF MINIMUMS:
Rwy 4, std w/min climb of 250' per NM to 6200, or 1800-3 for climb in visual conditions.

DEPARTURE PROCEDURE:
Rwy 4, climbing left turn to 9600 on DTA R-141 to DTA VORTAC, climb in DTA VORTAC holding pattern (South, left turns, 004° inbound) to cross DTA VORTAC at or above MEA for route of flight or for climb in visual conditions cross Fillmore Muni airport Northwest bound at or above 6600, then climb to 9600 on DTA R-146 to DTA VORTAC. Continue climb in DTA VORTAC holding pattern (South, left turns, 004° inbound) to cross DTA VORTAC at or above MEA for route of flight.
Rwy 22, climbing right turn to 9600 on DTA R-152 to DTA VORTAC, climb in DTA VORTAC holding pattern (South, left turns, 004° inbound) to cross DTA VORTAC at or above MEA for route of flight.

TAKEOFF OBSTACLE NOTES:
Rwy 4, light 60' from DER, 393' left of centerline, 8' AGL/4987' MSL.
Windsock 129' from DER, 301' left of centerline, 21' AGL/5000' MSL.
Rising terrain 132' from DER, 385' right of centerline, 4989' MSL.
Fence beginning 138' from DER, 174' right of centerline, up to 15' AGL/4996' MSL.
Buildings beginning 259' from DER, 455' right of centerline, up to 13' AGL/5012' MSL.
Beacon 311' from DER, 505' left of centerline, 52' AGL/5031' MSL.
Trees beginning 333' from DER, 242' left of centerline, up to 37' AGL/5034' MSL.
Vehicle on road beginning 472' from DER, 608' left to 1093' right of centerline, up to 35' AGL/5073' MSL.
Pole 488' from DER, 620' left of centerline, 38' AGL/5037' MSL.
Windmeter, 623' from DER, 342' left of centerline, 9' AGL/5008' MSL.
Building 873' from DER, 196' left of centerline, 17' AGL/5016' MSL.
Rwy 22, fence 97' from DER, 302' left of centerline, 15' AGL/4916' MSL.
Vehicle on road beginning 228' from DER, 398' left of centerline, up to 9' AGL/4928' MSL.

FLAGSTAFF, AZ

FLAGSTAFF PULLIAM (FLG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 06FEB14 (23222) (FAA)

DEPARTURE PROCEDURE:
Rwy 3, turn right, aircraft departing FLG VOR/DME R-160 CW R-175 climb on course. All others climb southbound on FLG VOR/DME R-172 to 9000, then climbing left turn direct FLG VOR/DME.
Rwy 21, turn left, aircraft departing FLG VOR/DME R-160 CW R-175 climb on course. All others climb southbound on FLG VOR/DME R-172 to 9000, then climbing left turn direct FLG VOR/DME.

TAKEOFF OBSTACLE NOTES:
Rwy 21, trees beginning 73' from DER, left and right of centerline, up to 85' AGL/7065' MSL.

FORT HUACHUCA SIERRA VISTA, AZ

SIERRA VISTA MUNI-LIBBY AAF (FHU)

DIVERSE VECTOR AREA (RADAR VECTORS)

ORIG 13NOV14 (14317) (FAA)

Rwys 3,12, heading as assigned by ATC.
Rwy 8, heading as assigned by ATC. Requires minimum climb of 300' per NM to 8600.
Rwy 26, heading as assigned by ATC. Requires minimum climb of 330' per NM to 8100.
Rwy 30, heading as assigned by ATC. Requires minimum climb of 330' per NM to 8700.

FORT HUACHUCA SIERRA VISTA, AZ (CON'T)

SIERRA VISTA MUNI-LIBBY AAF (FHU) (CON'T)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 13SEP18 (18256) (FAA)

TAKEOFF MINIMUMS:

Rwy 21, NA-terrain.

Rwy 26, std. w/min. climb of 335' per NM to 7300', or 2800-3 for VCOA

DEPARTURE PROCEDURE:

Rwys 3, 8, 12, climbing left turn, thence...

Rwys 26, 30, climbing right turn, thence...

...all aircraft, intercept FHU VOR/DME R-021 to TOMBS INT/FHU 12.76 DME, continue climb in TOMBS holding pattern (hold north, left turns, 201° inbound) to 9500 before proceeding on course.

VCOA:

Rwy 26, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Sierra Vista Muni-Libby AAF airport at or above 7400' MSL then intercept and proceed on FHU VOR/DME R-021 to TOMBS INT/FHU 12.76 DME. Continue climb in TOMBS holding pattern (hold north, left turns, 201° inbound) to 9500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, trees 253' from DER, 130' left of centerline, 10' AGL/4595' MSL.
Tree 199' from DER, 271' right of centerline, 10' AGL/4595' MSL.

Rwy 8, reflector, 121' from DER, 174' right of centerline, 4' AGL/4603' MSL.

Rwy 12, terrain beginning 22' from DER, 93' right of centerline, up to 4639' MSL.

Rwy 26, general utility 100' from DER, 173' right of centerline, 20' AGL/4723' MSL.
General utility 101' from DER, 175' left of centerline, 26' AGL/4730' MSL.

GLENDALE, AZ

GLENDALE RGNL (GEU)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 15JUN23 (23166) (FAA)

Rwy 1, heading as assigned by ATC; requires min. climb of 285' per NM to 5700.

Rwy 19, heading as assigned by ATC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 24MAY18 (24249) (FAA)

DEPARTURE PROCEDURE:

Use DRAKE (RNAV) DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 1, light on blast fence 4' from DER, 130' left of centerline, up to 10' AGL/1,088' MSL.
Trees beginning 124' from DER, left and right of centerline, up to 30' AGL/1,104' MSL.
Vehicles beginning 299' from DER, 80' right of centerline, up to 15' AGL/1,091' MSL.
Poles and trees beginning 400' from DER, 197' right of centerline, up to 75' AGL/1,144' MSL.

Rwy 19, trees beginning 281' from DER, 331' left of centerline, up to 33' AGL/1,060' MSL.

GLOBE, AZ

SAN CARLOS APACHE (P13)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 10APR08 (08101) (FAA)

DEPARTURE PROCEDURE:

Use IZTIR DEPARTURE.

GOODYEAR, AZ

PHOENIX GOODYEAR (GYR)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 21JUL16 (16203) (FAA)

Rwy 3, 21, heading as assigned by ATC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 24MAY18 (18144) (FAA)

DEPARTURE PROCEDURE:

Use POTER (RNAV) DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 3, poles beginning 159' from DER, 267' right of centerline, up to 47' AGL/1,015' MSL.
Building 1512' from DER, 828' right of centerline, 48' AGL/1,014' MSL.
Tree 1,957' from DER, 551' right of centerline, up to 49' AGL/1,019' MSL.

Rwy 21, transmission tower 2610' from DER, 1,078' left of centerline, 125' AGL/1,047' MSL.
Transmission tower 3,190' from DER, 311' left of centerline, 112' AGL/1,031' MSL.
Pole 3,193' from DER, 308' left of centerline, 112' AGL/1,030' MSL.

GRAND CANYON, AZ

GRAND CANYON NTL PARK (GCN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 30AUG07 (21168) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, NA-Environmental.

DEPARTURE PROCEDURE:

Rwy 21, use GRAND DEPARTURE.

VALLE (40G)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 18SEP14 (14261) (FAA)

DEPARTURE PROCEDURE:

Rwy 1, Climb on a heading between 188° CW to 091° from DER.

Rwy 19, climb on a heading between 170° CW to 008° from DER.

GREEN RIVER, UT

GREEN RIVER MUNI (U34)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 11JUL24 (24193) (FAA)

DEPARTURE PROCEDURE:

Rwys 13, 31, use ADIBE (RNAV) DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 13, vegetation, terrain beginning 10' from DER, 6' right of centerline, up to 2' AGL/4225' MSL.
Vehicles on road beginning 46' from DER, 327' right of centerline, up to 4241' MSL.
Rwy 31, fence, light poles, vegetation, terrain beginning 1' from DER, 27' left of centerline, up to 6' AGL/4243' MSL.
Light poles 9' from DER, 26' right of centerline, 1' AGL/4235' MSL.
Vegetation beginning 34' from DER, 29' right of centerline, up to 3' AGL/4238' MSL.

HAWTHORNE, NV

HAWTHORNE INDUSTRIAL (HTH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 14SEP17 (17257)

TAKEOFF MINIMUMS:

Rwy 15, 33, NA – ATC.
Rwy 10, 28, 4200 - 3 for VCOA.

VCOA:

Rwy 10, 28, obtain ATC approval for VCOA when requesting IFR clearance. climb in visual conditions to cross Hawthorne Industrial airport at or above 8300 then climb to 11500 on MVA R-251 to MVA VORTAC before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 10, ground beginning at DER, 53' right of centerline, up to 4232' MSL.
Ground 139' from DER, 39' right of centerline, 4234' MSL.
Ground 145' from DER, 387' right of centerline, 4236' MSL.
Bush 193' from DER, 480' right of centerline, 2' AGL/4238' MSL.
Bush 363' from DER, 576' right of centerline, 3' AGL/4242' MSL.
Bush 557' from DER, 555' right of centerline, 1' AGL/4245' MSL.
Rwy 28, ground 1' from DER, 388' left of centerline, 4183' MSL.
Bush 10' from DER, 488' left of centerline, 2' AGL/4185' MSL.

HEBER, UT

HEBER VALLEY (HCR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 15AUG19 (19227) (FAA)

TAKEOFF MINIMUMS:

Rwys 4, 22, 5800-5 for VCOA. VCOA NA at night.

VCOA:

Rwys 4, 22, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Heber Valley airport at or above 11300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, fence abeam DER, 301' left of centerline, 16' AGL/5647' MSL.
Pole 24' from DER, 404' left of centerline, up to 33' AGL/5659' MSL.
Bush 23' from DER, 61' left of centerline, up to 5639' MSL.
Terrain 109' from DER, 428' right of centerline, 5642' MSL.
Multiple poles, tree, beginning 200' from DER, 269' left of centerline, up to 36' AGL/5666' MSL.
Tree, fence beginning 252' from DER, 249' right of centerline, up to 5659' MSL.
Pole 319' from DER, 404' left of centerline, up to 5670' MSL.
Tree, pole beginning 662' from DER, 404' left of centerline, up to 5681' MSL.
Tree, sign, pole beginning 710' from DER, 281' left of centerline, up to 5682' MSL.
Building beginning 1066' from DER, 42' right of centerline, up to 5674' MSL.
Tree, pole beginning 1120' from DER, 181' right of centerline, up to 5689' MSL.
Tree, pole beginning 1281' from DER, 278' right of centerline, up to 5690' MSL.
CON'T

HEBER, UT (CON'T)

HEBER VALLEY (HCR) (CON'T)

Rwy 4 (CON'T), trees beginning 1773' from DER, 238' left of centerline, up to 5689' MSL.
Tree, pole beginning 1901' from DER, 399' right of centerline, up to 5708' MSL.
Tree 1909' from DER, 498' left of centerline, 5692' MSL.
Rwy 22, pole abeam DER, 292' right of centerline, 16' AGL/5592' MSL.
Fence, vegetation, terrain 13' from DER, 225' left of centerline, up to 9' AGL/5597' MSL.
Trees beginning 608' from DER, 384' right of centerline, up to 5611' MSL.
Pole 829' from DER, 474' left of centerline, 22' AGL/5605' MSL.
Pole 988' from DER, 634' left of centerline, up to 33' AGL/5617' MSL.
Tree 1672' from DER, 777' left of centerline, 5628' MSL.
Terrain beginning 1.1 NM from DER, 1752' left of centerline, up to 5964' MSL.
Tree 1.3 NM from DER, 2420' left of centerline, 5821' MSL.
Terrain, trees beginning 1.4 NM from DER, 1124' left of centerline, up to 6128' MSL.
Terrain, trees beginning 1.5 NM from DER, 372' left of centerline, up to 6411' MSL.

HILL AFB (KHIF)

OGDEN, UT

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Diverse departures NA, use RADAR vectors or published Departure Procedures (DP) for obstacle avoidance.

HUNTINGTON, UT

HUNTINGTON MUNI (69V)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2B 19JUL18 (18200) (FAA)

TAKEOFF MINIMUMS:
Rwys 12, 18, 26, 30, 36, NA-Environmental.
DEPARTURE PROCEDURE:
Rwy 8, climbing left turn direct PUC VOR/DME...
...continue climb in PUC VOR/DME holding pattern (hold south, RT, 009° inbound) to MEA for direction of flight.
TAKEOFF OBSTACLE NOTES:
Rwy 8, tree 2663' from DER, 922' left of centerline, 40' AGL/5979' MSL.

KANAB, UT

KANAB MUNI (KNB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 11FEB10 (10042) (FAA)

TAKEOFF MINIMUMS:
Rwy 1, std. with min. climb of 742' per NM to 6600, or 1100-3 with min. climb of 535' per NM to 6900, or 2400-3 for climb in visual conditions.
DEPARTURE PROCEDURE:
Rwy 19, climb heading 171° to 6800 before turning.
Rwy 1, climb heading 006° to 6100 before turning, or for climb in visual conditions, cross Kanab Muni airport at or above 7100 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 1, vent on building 554' from DER, 370' left of centerline, 16' AGL/4884' MSL.
Trees beginning 1138' from DER, 302' left of centerline, up to 100' AGL/5939' MSL.
Rising terrain and trees beginning 1.68 NM from DER, 247' right of centerline, up to 100' AGL/5239' MSL.
Rising terrain and trees beginning 1.76 NM from DER, 766' left of centerline, up to 100' AGL/5599' MSL.
Rising terrain beginning 3.5 NM from DER, left and right of centerline, up to 6359' MSL.
Rwy 19, trees beginning 271' from DER, 506' right of centerline, up to 100' AGL/4899' MSL.

KINGMAN, AZ

KINGMAN (IGM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 16JUL20 (21168) (FAA)

TAKEOFF MINIMUMS:
Rwys 3, 35, 2000-2 or std. w/min. climb of 275' per NM to 5500.
Rwys 17, 21, NA.
DEPARTURE PROCEDURE:
Climb northbound on IGM R-010 until reaching 6000; reverse course to the left and continue climb to 9000 direct to IGM. If unable to cross IGM at 9000 continue climb in IGM holding pattern (SW, left turns, 027° inbound).
TAKEOFF OBSTACLE NOTES:
Rwy 3, terrain and vegetation beginning 171' from DER, 264' right of centerline, up to 3402' MSL.
Rwy 35, terrain beginning 32' from DER, 172' right of centerline, up to 3363' MSL.
Fence 306' from DER, 392' right of centerline, 6' AGL/3368' MSL.
Traverse way 441' from DER, 274' right of centerline, up to 15' AGL/3372' MSL.

SW-4, 03 SEP 2026 to 29 OCT 2026

LAGUNA AAF (YUMA PROVING GROUND) (KLGF)

YUMA, AZ

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 05OCT23 (25135) (USA)

TAKEOFF MINIMUMS:

Rwy 6, std w/min climb of 284' per NM to 2700.
Rwy 18, std w/min climb of 248' per NM to 1200.
Rwy 36, 300-2 or std w/min climb of 222' per NM to 1200.

DEPARTURE PROCEDURE:

Rwys 6, 18, 36, climbing right turn to 3600, intercept BZA VORTAC R-055 to BZA. Do not exceed 240K until intercepting BZA R-055.
Rwy 24, climb to 3600 direct to BZA VORTAC.

TAKEOFF OBSTACLE NOTES:

Rwy 6, terrain 0' from DER, 500' left of centerline 426' MSL.
Berm 206' from DER, 171' left of centerline 441' MSL.
Berm 273' from DER, 137' right of centerline 435' MSL.
Berm 812' from DER, 260' left of centerline 459' MSL.
Berm 871' from DER, 130' left of centerline, 447' MSL.
Rwy 24, road 196' from DER, 152' left of centerline, 379' MSL.
Rwy 36, terrain, vegetation, 1 NM from DER, 720' right of centerline, 60' AGL/579' MSL.
Antenna 1.5 NM from DER, 55' right of centerline, 90' AGL/638' MSL.

LAKE HAVASU CITY, AZ

LAKE HAVASU CITY (HII)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31MAY12 (12152) (FAA)

TAKEOFF MINIMUMS:

Rwy 14, std. w/min. climb of 465' per NM to 4800, or 1500-3 for climb in visual conditions.
Rwy 32, 600-1¾ w/min. climb of 492' per NM to 1100, or 1500-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 14, climbing right turn heading 300° to intercept EED VORTAC R-155 to EED VORTAC, continue climb in EED VORTAC holding pattern (East, right turns, 257° inbound) to cross EED VORTAC at or above 6100 before proceeding on course or ...
Rwy 32, climbing left turn heading 290° to intercept EED VORTAC R-155 to EED VORTAC, continue climb in EED VORTAC holding pattern (East, right turns, 257° inbound) to cross EED VORTAC at or above 6100 before proceeding on course or. ..
Rwys 14, 32, ... For climb in visual conditions: cross Lake Havasu City airport northwest bound at or above 2300, then Intercept EED VORTAC R-138 to EED VORTAC, continue climb in EED VORTAC holding pattern (East, right turns, 257° inbound) to cross EED VORTAC at or above 6100 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 14, pole 3327' from DER, 46' right of centerline, 107' AGL/868' MSL.
Poles 3468' from DER, 195' left of centerline, up to 107' AGL/890' MSL.
Trees/bushes 976' from DER, 380' left of centerline, up to 46' AGL/829' MSL.
Terrain 143' from DER, 346' left of centerline, up to 804' MSL.
Rwy 32, trees 1544' from DER, 416' right of centerline, up to 44' AGL/793' MSL.

SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NV

HARRY REID INTL (LAS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 17AUG17 (23138) (FAA)

TAKEOFF MINIMUMS:

Rwy 1L, 300-1 or std. w/min. climb of 269' per NM to 2300.
Rwy 19L, std. w/min. climb of 256' per NM to 3400.
Rwy 19R, std. w/min. climb of 242' per NM to 3400.
Rwy 26L, 300-2¼ or std. w/min. climb of 214' per NM to 2400.
Rwy 26R, 400-2½ or std. w/min. climb of 270' per NM to 2400.

DEPARTURE PROCEDURE:

Rwys 1L/R, climbing right turn direct BLD VORTAC before proceeding on course.
Rwys 8L/R, climb heading 079° to 3700, then climbing right turn direct BLD VORTAC before proceeding on course.
Rwys 19L/R, climb heading 194° to 2800, then climbing left turn heading 120° and BLD R-257 to BLD VORTAC before proceeding on course.
Rwys 26L/R, climb heading 259° to 2800, then climbing right turn direct BLD VORTAC before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1L, REIL 23' from DER, 153' left of centerline, 3' AGL/2090' MSL.
Sign 1037' from DER, 695' left of centerline, 41' AGL/2125' MSL.
Building 1556' from DER, 552' left of centerline, 2129' MSL.
Building 1779' from DER, 649' left of centerline, 2147' MSL.
Buildings beginning 1907' from DER, 186' left of centerline, up to 2150' MSL.
Buildings beginning 1977' from DER, 214' left of centerline, up to 2150' MSL.
Buildings beginning 2095' from DER, 275' left of centerline, up to 83' AGL/2153' MSL.
Buildings beginning 3953' from DER, 1397' left of centerline, up to 162' AGL/2226' MSL.
Building 4126' from DER, 1090' left of centerline, 2229' MSL.
Building 4542' from DER, 1400' left of centerline, 183' AGL/2240' MSL.
CON'T

LAS VEGAS, NV (CON'T)

HARRY REID INTL (LAS) (CON'T)

Rwy 1L (CON'T), building 4604' from DER, 1367' left of centerline, 186' AGL/2243' MSL.
Rwy 1R, building 609' from DER, 538' right of centerline, 28' AGL/2095' MSL.
Sign 1336' from DER, 447' right of centerline, 60' AGL/2122' MSL.
Rwy 8L, pole 744' from DER, 442' right of centerline, 30' AGL/2057' MSL.
Tree 758' from DER, 168' right of centerline, 2068' MSL.
Tree 767' from DER, 589' left of centerline, 2060' MSL.
Tree 850' from DER, 184' left of centerline, 2067' MSL.
Trees beginning 886' from DER, 371' right of centerline, up to 2074' MSL.
Rwy 8R, tower 1457' from DER, 848' right of centerline, 64' AGL/2097' MSL.
Rwy 19L, railroad, pole beginning 952' from DER, 322' left of centerline, up to 2215' MSL.
Railroad 1043' from DER, 178' left of centerline, 2218' MSL.
Railroad, pole beginning 1122' from DER, 19' left of centerline, up to 2219' MSL.
Railroad 1166' from DER, 75' right of centerline, 2220' MSL.
Railroad 1219' from DER, 235' right of centerline, 2222' MSL.
Railroad 1230' from DER, 281' right of centerline, 2223' MSL.
Pole 1234' from DER, 178' left of centerline, 2221' MSL.
Railroad 1241' from DER, 351' right of centerline, 2224' MSL.
Railroad 1246' from DER, 489' right of centerline, 2225' MSL.
Railroad, pole beginning 1247' from DER, 11' right of centerline, up to 2226' MSL.
Poles, tree, vehicles on road, sign, parking lot beginning 1392' from DER, 115' right of centerline, up to 36' AGL/2238' MSL.
Tree, pole beginning 1410' from DER, 9' left of centerline, up to 2232' MSL.
Tree 1819' from DER, 124' left of centerline, 2236' MSL.
Pole, tree, vehicles on road beginning 1824' from DER, 9' right of centerline, up to 34' AGL/2242' MSL.
Pole 1933' from DER, 623' right of centerline, 34' AGL/2243' MSL.
Pole, tree beginning 1936' from DER, 55' right of centerline, up to 36' AGL/2245' MSL.
Pole, tree, parking lot beginning 2036' from DER, 386' right of centerline, up to 35' AGL/2246' MSL.
Pole, parking lot, tree, vehicles on road beginning 2133' from DER, 183' right of centerline, up to 36' AGL/2247' MSL.
Sign, tree, parking lot, vehicles on road, pole, building beginning 2179' from DER, 27' right of centerline, up to 2256' MSL.
Pole 2229' from DER, 578' left of centerline, 2238' MSL.
Poles beginning 2332' from DER, 583' left of centerline, up to 2240' MSL.
Sign, tree, pole, parking lot, building beginning 2381' from DER, 53' right of centerline, up to 41' AGL/2257' MSL.
Building, tree, pole beginning 2466' from DER, 591' right of centerline, up to 38' AGL/2258' MSL.
Building, tree, poles, utility box beginning 2505' from DER, 157' right of centerline, up to 38' AGL/2259' MSL.
Pole, building beginning 2738' from DER, 20' left of centerline, up to 2251' MSL.
Building, tree beginning 2739' from DER, 1134' right of centerline, up to 57' AGL/2279' MSL.
Building, tree beginning 2766' from DER, 869' right of centerline, up to 57' AGL/2280' MSL.
Building, tree beginning 2822' from DER, 1006' right of centerline, up to 58' AGL/2281' MSL.
Buildings, tree, poles beginning 2861' from DER, 665' right of centerline, up to 59' AGL/2282' MSL.
Buildings, pole beginning 3418' from DER, 884' right of centerline, up to 61' AGL/2284' MSL.
Building, pole beginning 3515' from DER, 424' right of centerline, up to 59' AGL/2287' MSL.
Sign 5292' from DER, 1688' right of centerline, 55' AGL/2309' MSL.
Building, pole beginning 5596' from DER, 1758' left of centerline, up to 110' AGL/2334' MSL.
Communication tower 5717' from DER, 781' right of centerline, 80' AGL/2327' MSL.
Building 2 NM from DER, 2897' left of centerline, 236' AGL/2491' MSL.
Buildings beginning 2 NM from DER, 2936' left of centerline, up to 241' AGL/2494' MSL.
Rwy 19R, ground 60' from DER, 475' right of centerline, 2186' MSL.
Ground 151' from DER, 529' right of centerline, 2190' MSL.
Building 194' from DER, 444' right of centerline, 9' AGL/2199' MSL.
NAVAID 262' from DER, 408' right of centerline, 14' AGL/2206' MSL.
Vehicles on road, ground, control box beginning 348' from DER, 42' right of centerline, up to 2208' MSL.
Pole, vehicles on road beginning 503' from DER, 434' right of centerline, up to 2218' MSL.
Pole, sign, vehicles on road, flag pole, fence beginning 592' from DER, 277' right of centerline, up to 37' AGL/2234' MSL.
Signs, parking lot, vehicles on road, building, pole, tree beginning 844' from DER, 266' right of centerline, up to 41' AGL/2240' MSL.
Tower, fence, vehicles on road, sign beginning 961' from DER, 175' right of centerline, up to 41' AGL/2243' MSL.
T-L tower, vehicles on road, railroad, pole, railroad crossing signal control box, parking lot beginning 1132' from DER, 8' right of centerline, up to 47' AGL/2249' MSL.
Railroad 1219' from DER, 701' left of centerline, 2222' MSL.
Railroad 1230' from DER, 656' left of centerline, 2223' MSL.
Railroad 1240' from DER, 585' left of centerline, 2224' MSL.
Railroad 1246' from DER, 448' left of centerline, 2225' MSL.
Railroad, pole beginning 1247' from DER, 76' left of centerline, up to 2226' MSL.
Poles, tree, vehicles on road, sign beginning 1392' from DER, 15' left of centerline, up to 36' AGL/2238' MSL.
Poles, tree, parking lot, building beginning 1726' from DER, 11' right of centerline, up to 2254' MSL.
Pole, tree beginning 1823' from DER, 78' left of centerline, up to 34' AGL/2242' MSL.
Pole 1933' from DER, 313' left of centerline, 34' AGL/2243' MSL.
Pole, tree beginning 1935' from DER, 12' left of centerline, up to 36' AGL/2245' MSL.
Pole, tree beginning 2036' from DER, 5' left of centerline, up to 35' AGL/2246' MSL.
Poles, building, tree beginning 2043' from DER, 221' right of centerline, up to 2255' MSL.
Pole, tree beginning 2133' from DER, 19' left of centerline, up to 36' AGL/2247' MSL.
Tree, poles, sign, building beginning 2146' from DER, 14' right of centerline, up to 2259' MSL.
Pole, building, tree beginning 2234' from DER, 12' left of centerline, up to 35' AGL/2249' MSL.
Pole, tree beginning 2335' from DER, 88' left of centerline, up to 36' AGL/2250' MSL.
CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NV (CON'T)

HARRY REID INTL (LAS) (CON'T)

Rwy 19R (CON'T), sign, tree, poles, building beginning 2381' from DER, 37' left of centerline, up to 41' AGL/2257' MSL.
Pole, buildings, tree beginning 2496' from DER, 5' right of centerline, up to 2274' MSL.
Building beginning 2739' from DER, 196' right of centerline, up to 57' AGL/2279' MSL.
Building, tree beginning 2766' from DER, 73' right of centerline, up to 57' AGL/2280' MSL.
Building beginning 2767' from DER, 44' left of centerline, up to 36' AGL/2258' MSL.
Building, tree beginning 2822' from DER, 68' right of centerline, up to 58' AGL/2281' MSL.
Building, tree beginning 2861' from DER, 126' right of centerline, up to 59' AGL/2282' MSL.
Buildings, tree beginning 2893' from DER, 6' right of centerline, up to 2288' MSL.
Building beginning 2895' from DER, 2' left of centerline, up to 39' AGL/2262' MSL.
Buildings, tree building beginning 3032' from DER, 301' right of centerline, up to 61' AGL/2290' MSL.
Buildings, tree, pole beginning 3076' from DER, 58' right of centerline, up to 61' AGL/2291' MSL.
Buildings, sign, poles beginning 3459' from DER, 287' right of centerline, up to 74' AGL/2302' MSL.
Building 3495' from DER, 53' left of centerline, 52' AGL/2278' MSL.
Communication tower 5717' from DER, 156' left of centerline, 80' AGL/2327' MSL.
Rwy 26L, building 1002' from DER, 250' left of centerline, 6' AGL/2183' MSL.
Railroad, pole beginning 1857' from DER, 793' left of centerline, up to 2215' MSL.
Railroad 2068' from DER, 796' left of centerline, 2218' MSL.
Pole, railroad beginning 2148' from DER, 800' left of centerline, up to 2221' MSL.
Tree, railroad beginning 2376' from DER, 780' left of centerline, up to 2232' MSL.
Tree, railroad beginning 2528' from DER, 751' left of centerline, up to 2233' MSL.
Pole 2861' from DER, 811' left of centerline, 36' AGL/2238' MSL.
Pole 3167' from DER, 1144' left of centerline, 34' AGL/2242' MSL.
Pole 3171' from DER, 1091' left of centerline, 34' AGL/2243' MSL.
Pole 3313' from DER, 1200' left of centerline, 35' AGL/2246' MSL.
Sign, T-L tower beginning 3672' from DER, 145' left of centerline, up to 2256' MSL.
Pole, building beginning 4223' from DER, 1389' left of centerline, up to 2274' MSL.
Building 4554' from DER, 1593' left of centerline, 2277' MSL.
Building 4687' from DER, 1685' left of centerline, 53' AGL/2279' MSL.
Building 4719' from DER, 1754' left of centerline, 61' AGL/2290' MSL.
Building 4954' from DER, 1694' left of centerline, 61' AGL/2291' MSL.
Transmission tower 5469' from DER, 1056' left of centerline, 2297' MSL.
Pole 5879' from DER, 1519' left of centerline, 2309' MSL.
Pole 6019' from DER, 2022' right of centerline, 101' AGL/2309' MSL.
Pole 1 NM from DER, 1720' left of centerline, 46' AGL/2311' MSL.
Pole 1 NM from DER, 1922' left of centerline, 45' AGL/2311' MSL.
Tower 1.1 NM from DER, 1843' left of centerline, 80' AGL/2332' MSL.
Pole 1.8 NM from DER, 1817' left of centerline, 131' AGL/2435' MSL.
Rwy 26R, NAVAIDs, building beginning 533' from DER, 367' left of centerline, up to 14' AGL/2206' MSL.
NAVAIDs beginning 533' from DER, on centerline, up to 5' AGL/2195' MSL.
Vehicles on road beginning 666' from DER, crossing left and right of centerline, up to 2208' MSL.
Pole 785' from DER, 592' left of centerline, 2218' MSL.
Pole, tree beginning 786' from DER, 8' left of centerline, up to 2220' MSL.
Trees beginning 821' from DER, 49' right of centerline, up to 25' AGL/2214' MSL.
Pole, sign, tree, building beginning 873' from DER, 347' left of centerline, up to 37' AGL/2234' MSL.
Trees beginning 952' from DER, 48' right of centerline, up to 2233' MSL.
Pole, tree, railroad beginning 1093' from DER, 531' left of centerline, up to 38' AGL/2237' MSL.
Trees beginning 1559' from DER, 555' right of centerline, up to 2259' MSL.
Tree, building, railroad beginning 1812' from DER, 191' left of centerline, up to 2246' MSL.
Building 2501' from DER, 881' left of centerline, 2254' MSL.
Poles beginning 3002' from DER, 543' left of centerline, up to 44' AGL/2271' MSL.
Poles beginning 3005' from DER, 743' left of centerline, up to 48' AGL/2277' MSL.
Pole 3116' from DER, 1022' right of centerline, 101' AGL/2309' MSL.
Sign 3339' from DER, 278' left of centerline, up to 2286' MSL.
Communication tower 4521' from DER, 704' right of centerline, 2332' MSL.
Sign 1.3 NM from DER, 2649' left of centerline, 80' AGL/2384' MSL.
Pole 1.5 NM from DER, 2801' left of centerline, 100' AGL/2444' MSL.
Pole 1.6 NM from DER, 2832' left of centerline, up to 100' AGL/2455' MSL.
Pole, communication tower beginning 1.7 NM from DER, 2068' left of centerline, up to 100' AGL/2463' MSL.
Pole 1.7 NM from DER, 2845' left of centerline, 135' AGL/2469' MSL.
Transmission tower 2.1 NM from DER, 3453' left of centerline, 134' AGL/2490' MSL.

HENDERSON EXEC (HND)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 22JUN17 (21112) (FAA)

TAKEOFF MINIMUMS:
Rwys 17L/R, std. w/min. climb of 491' per NM to 6000 or 2800-2¾ for VCOA.
Rwys 35L/R, std. w/min. climb of 312' per NM to 4700 or 2800-2¾ for VCOA.
DEPARTURE PROCEDURE:
Rwys 17L/R, climbing right turn on LAS R-157 to LAS VORTAC before proceeding on course.
Rwys 35 L/R, climbing right turn on BLD R-257 to BLD VORTAC before proceeding on course.
CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NV (CON'T)

HENDERSON EXEC (HND) (CON'T)

VCOA:

All Rwys, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Henderson Exec airport eastbound at or above 5100, then proceed on BLD R-249 TO BLD VORTAC before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 17L, terrain beginning 2427' from DER, 18' left of centerline, 2552' MSL.
Poles beginning 4256' from DER, 678' right of centerline, up to 2598' MSL.
Rwy 17R, bush 134' from DER, 314' right of centerline, 2498' MSL.
Fence 629' from DER, 75' right of centerline, 2510' MSL.
Terrain 928' from DER, 717' left of centerline, 2552' MSL.
Tank 1096' from DER, 311' right of centerline, 2533' MSL.
Vehicles on road beginning 1149' from DER, crossing centerline, up to 1159' MSL.
Poles beginning 2756' from DER, from 400' left to 698' right of centerline, up to 2764' MSL.

NORTH LAS VEGAS (VGT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 08NOV18 (18312) (FAA)

DEPARTURE PROCEDURE:

Use BOULDER CITY DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 7, tower 1.1 NM from DER, 1044' right of centerline, 252' AGL/2348' MSL.
Rwy 12R, multiple towers 1.0 NM from DER, 850' right of centerline, up to 267' AGL/2368' MSL.
Tower 1.2 NM from DER, 1355' right of centerline, 270' AGL/2367' MSL.
Power lines 1122' from DER, 764' right of centerline, traversing to the southeast out to 2345' from DER, 510' right of centerline, 106' AGL/2344' MSL.
Rwy 12L, light pole 254' from DER, 462' right of centerline, 36' AGL/2159' MSL.
Trucks on road 255' from DER, 502' right of centerline, 15' AGL/2155' MSL.
Power line 1289' from DER, 663' right of centerline traversing to the Northeast out to 1576' from DER, 716' left of centerline, up to 129' AGL/2226' MSL.
Multiple towers 5045' from DER,1551' right of centerline, 267' AGL/2368' MSL.
Rwy 25, light pole, 1447' from DER, 21' right of centerline, 35' AGL/2255' MSL.
Rwy 30L, signs, building, light pole beginning 1692' from DER, 236' left of centerline, up to 49' AGL/2271' MSL.
Multiple trees beginning 1785' from DER, 78' right of centerline, up to 57' AGL/2296' MSL.
Tree, multiple towers/antennas beginning 2745' from DER, 511' left of centerline, up to 84' AGL/2397' MSL.
Rwy 30R, antenna tower 4639' from DER, 1736' left of centerline, 84' AGL/2327' MSL.
Anemometer 552' from DER, 570' left of centerline, 34' AGL/2216' MSL.
Vent on building 1632' from DER, 566' right of centerline, 58' AGL/2240' MSL.
Antenna on hanger 2012' from DER, 195' right of centerline, 61' AGL/2247' MSL.

LOGAN, UT

LOGAN-CACHE (LGU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 17DEC09 (09351) (FAA)

TAKEOFF MINIMUMS:

Rwys 10, 28, NA-obstacles.

DEPARTURE PROCEDURE:

Rwys 17, 35, use ORNEY DEPARTURE.

LOVELOCK, NV

DERBY FLD (LOL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 03JAN19 (21280) (FAA)

TAKEOFF MINIMUMS:

Rwy 2, std. w/min. climb of 415' per NM to 8200 or 3200-3 for climb in visual conditions.
Rwys 8, 20, std. w/min. climb of 340' per NM to 8200 or 3200-3 for climb in visual conditions.
Rwy 26, std. w/min. climb of 400' per NM to 8200 or 3200-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 2, climb to 6500 then climbing left turn direct LLC VORTAC, thence...
Rwys 8, 20, 26, climb to 5700 then climbing left turn direct LLC VORTAC, thence...
...Climb in LLC VORTAC holding pattern (north, left turn, 169° inbound) to depart LLC VORTAC at or above 8800, continue climb on course to MEA or assigned altitude.

VCOA:

Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Derby Fld airport at or above 7000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 2, vegetation 13' from DER, 141' right of centerline, 3908' MSL.
Sign 17' from DER, 199' left of centerline, 2' AGL/3909' MSL.
Vegetation 54' from DER, 155' right of centerline, 3909' MSL.
Tree 80' from DER, 347' right of centerline, 3912' MSL.
Rwy 8, vegetation beginning 56' from DER, 172' left of centerline, up to 3910' MSL.
Vegetation 147' from DER, 376' left of centerline, 3911' MSL.
Rwy 20, vegetation beginning 47' from DER, 112' left of centerline, up to 3910' MSL.

CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

LOVELOCK, NV (CON'T)

DERBY FLD (LOL) (CON'T)

Rwy 26, terrain 15' from DER, 170' right of centerline, 3905' MSL.
Vegetation 67' from DER, 239' left of centerline, 3906' MSL.
Tree 258' from DER, 531' left of centerline, 3917' MSL

LUKE AFB (KLUF)

GLENDALE, AZ

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 30NOV23 (23334) (USAF)

TAKEOFF MINIMUMS:
Rwys 3L/R, std w/min climb of 228'/NM to 9400.

DEPARTURE PROCEDURE:
Rwys 3L/R, climb hdg 033° to LUF 4 DME, then climbing left turn on a hdg between 323° CW to 003° from DER.
Expect RADAR vectors on course from Luke RAPCON.
Rwys 21L/R, climb hdg 213° to LUF 8 DME, then climb on a hdg between 183° CW to 225° from DER.
Expect RADAR vectors on course from Luke RAPCON.

TAKEOFF OBSTACLE NOTES:
Rwy 3L, taxiing aircraft, 1421' from DER, 609' left of centerline, 19' AGL/1123' MSL.
Taxiing aircraft, 1235' from DER, 782' left of centerline, 19' AGL/1123' MSL.
Rwy 21L, taxiing aircraft, 1422' from DER, 775' left of centerline, 38' AGL/1117' MSL.

MANILA, UT

MANILA (40U)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 19MAR26 (26078) (FAA)

DEPARTURE PROCEDURE:
Use WEGEM DEPARTURE (RNAV).

MANTI, UT

SANPETE COUNTY RGNL (41U)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22JUN17 (26022) (FAA)

DEPARTURE PROCEDURE:
Rwy 3, use YMONT DEPARTURE.
Rwy 21, use WUXOT DEPARTURE.

MARANA, AZ

MARANA RGNL(AVQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 22AUG13 (13234) (FAA)

TAKEOFF MINIMUMS:
Rwys 3, 12, NA-Obstacles

DEPARTURE PROCEDURE:
Rwy 21, climb to 6500 via heading 360° and TUS R-308 to TOTEC INT/TUS 57 DME, then as filed.
Rwy 30, climb to 6500 via heading 303° intercept TUS R-308 above 3500, to TOTEC INT/TUS 57 DME, then as filed.

TAKEOFF OBSTACLE NOTES:
Rwy 21, road 53' from DER, 413' left of centerline, 15' AGL/2035' MSL.
Tree 800' from DER, 695' left of centerline, 32' AGL/2043' MSL.
Multiple trees and poles beginning 518' from DER, 190' right of centerline, up to 38' AGL/2049' MSL.
Rwy 30, multiple trees beginning 148' from DER, 275' right of centerline, up to 19' AGL/2020' MSL.

MESA, AZ

FALCON FLD (FFZ)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 07JAN16 (16007) (FAA)

Rwy 4L, heading as assigned by ATC; requires minimum climb of 480' per NM to 3800.
Rwy 4R, heading as assigned by ATC; requires minimum climb of 500' per NM to 3700.
Rwys 22L/R, heading as assigned by ATC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 29JUL10 (21112) (FAA)

DEPARTURE PROCEDURE:
Use MESA DEPARTURE.

MESQUITE, NV

MESQUITE (67L)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 13SEP18 (18256) (FAA)

TAKEOFF MINIMUMS:

Rwy 2, 300-2¼ or std. w/min. climb of 455' per NM to 2300.

DEPARTURE PROCEDURE:

Rwy 2, climb heading 018° to 2400 then climbing left turn direct MMM VORTAC, continue climb-in hold (hold S, left turn, 015° inbound) to 11000 before proceeding on course.

Rwy 20, climbing right turn direct MMM VORTAC, continue climb-in hold (hold S, left turn 015° inbound) to 11000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 2, terrain beginning 41' from DER, 227' left of centerline, up to 1992' MSL.
Terrain beginning 83' from DER, 456' right of centerline, up to 2000' MSL.
Fence, terrain beginning 190' from DER, 211' right of centerline, up to 3' AGL/2005' MSL.
Terrain beginning 197' from DER, 213' left of centerline, up to 2006' MSL.
Terrain beginning 295' from DER, 222' right of centerline, up to 2006' MSL.
Terrain beginning 365' from DER, 225' left of centerline, up to 2019' MSL.
Fence beginning 491' from DER, 238' right of centerline, up to 3' AGL/2014' MSL.
Terrain 783' from DER, 496' left of centerline, 2026' MSL.
Terrain beginning 846' from DER, 254' left of centerline, up to 2031' MSL.
Terrain, fence beginning 971' from DER, 272' left of centerline, up to 2036' MSL.
Terrain, fence beginning 1176' from DER, 269' left of centerline, up to 2038' MSL.
Terrain beginning 1289' from DER, 411' left of centerline, up to 2043' MSL.
Terrain beginning 1426' from DER, 647' left of centerline, up to 2048' MSL.
Terrain beginning 2059' from DER, 909' left of centerline, up to 2059' MSL.
Terrain 2960' from DER, 1201' left of centerline, 2065' MSL.
Terrain beginning 3160' from DER, 139' right of centerline, up to 2098' MSL.
Terrain beginning 3268' from DER, 73' right of centerline, up to 2119' MSL.
Terrain beginning 3317' from DER, 334' left of centerline, up to 2084' MSL.
Terrain beginning 3424' from DER, 674' right of centerline, up to 2139' MSL.
Terrain 3429' from DER, 459' right of centerline, 2149' MSL.
Terrain beginning 3434' from DER, 109' left of centerline, up to 2102' MSL.
Terrain 3460' from DER, 387' right of centerline, 2152' MSL.
Terrain, vegetation beginning 3484' from DER, 10' right of centerline, up to 2156' MSL.
Terrain 3794' from DER, 751' left of centerline, 2110' MSL.
Terrain beginning 3794' from DER, 163' left of centerline, up to 2118' MSL.
Terrain beginning 3903' from DER, 952' left of centerline, up to 2122' MSL.
Terrain, vegetation beginning 3911' from DER, 119' left of centerline, up to 2199' MSL.
Terrain, vegetation beginning 4387' from DER, 10' left of centerline, up to 2204' MSL.
Terrain 1.5 NM from DER, 2409' left of centerline, 2216' MSL.
Vegetation 1.5 NM from DER, 2758' left of centerline, 2231' MSL.
Terrain beginning 1.5 NM from DER, 2618' left of centerline, up to 2257' MSL.
Terrain beginning 1.5 NM from DER, 2769' left of centerline, up to 2259' MSL.
Terrain 1.7 NM from DER, 3138' left of centerline, 2244' MSL.
Rwy 20, lighting 1' from DER, 46' left of centerline, 2' AGL/1876' MSL.
Lighting 3' from DER, 89' right of centerline, 2' AGL/1876' MSL.
Traverse way 4' from DER, 355' right of centerline, 1878' MSL.
Transmission line 453' from DER, 308' left of centerline, 70' AGL/1888' MSL.

MICHAEL AAF (DUGWAY PROVING GROUND) (KDPG)

DUGWAY PROVING GROUND, UT

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 23AUG12 (26078)

DEPARTURE PROCEDURES:

Rwy 12, climb heading 122° to 5700, then climbing right turn on a heading between 202° CW to 302° to 10,000 before proceeding on course.

Rwy 30, climbing left turn on a heading between 267° CW to 300° to 10,000 before proceeding on course.

MILFORD, UT

MILFORD MUNI/BEN AND JUDY BRISCOE FLD (MLF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05APR12 (21112) (FAA)

TAKEOFF MINIMUMS:

Rwy 34, std. w/min. climb of 487' per NM to 6500 or 1500-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 16, climb direct MLF VORTAC, thence...

...aircraft departing on V235 or V21 southbound proceed on course.

...all other aircraft climb to 11000 on MLF VORTAC R-168, then right turn direct MLF VORTAC. Continue climb-in-hold, right turns, 348° inbound to cross MLF VORTAC at or above MEA/MCA for route of flight.

Rwy 34, climbing left turn to intercept MLF VORTAC R-310 to MLF VORTAC, thence...

...aircraft departing on V235 or V21 southbound; proceed on course .

...all other aircraft, climb-in-hold, MLF VORTAC, right turns, 348° inbound to cross MLF VORTAC at or above MEA/MCA for route of flight.

...or climb in visual conditions to cross Milford Muni/Ben and Judy Briscoe Fld airport southbound at or above 6400, then climb on MLF VORTAC R-345 to MLF VORTAC. Aircraft departing on V235 and V21 southbound; proceed on course. All other aircraft climb to 11000 on MLF VORTAC R-168, then, right turn direct MLF VORTAC. Continue climb in- hold, right turns, 348° inbound to cross MLF VORTAC at or above MEA/MCA for route of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 16, trees beginning 440' from DER, 332' right of centerline, up to 100' AGL/5159' MSL.

Trees beginning 4912' from DER, 1451' right of centerline, up to 100' AGL/5179' MSL.

Rwy 34, vehicles on roadway 231' from DER, across centerline, up to 15' AGL/5054' MSL.

Trees beginning 3177' from DER, 508' left of centerline, up to 100' AGL/5119' MSL.

MINDEN, NV

MINDEN-TAHOE (MEV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 14MAY26 (26134) (FAA)

TAKEOFF MINIMUMS:

Rwys 12, 16, 30, NA - Obstacles.

Rwys 12L, 30R, NA - Environmental.

DEPARTURE PROCEDURE:

Rwy 34, use MINDEN (RNAV) DEPARTURE.

MOAB, UT

CANYONLANDS RGNL (CNY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 03JAN19 (25275) (FAA)

TAKEOFF MINIMUMS:

Rwys 15, 33, NA-Runway Surface.

Rwy 3, std w/min climb of 405' per NM to 6100 or 5000-3 for VCOA.

Rwy 21, std w/min climb of 456' per NM to 6100 or 5000-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 3, climbing left turn to 6700 on OAB R-298, thence...

Rwy 21, climbing right turn to 6700 on OAB R-298, thence...

...climbing right turn to 10000 direct OAB VOR/DME. Continue climb in holding to 10000 at OAB VOR/DME (northwest, left turn, 118° inbound) before proceeding on course.

VCOA:

Rwys 3, 21, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Canyonlands Rgnl at or above 9400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, terrain 46' from DER, 484' right of centerline, 4559' MSL.

Tree 63' from DER, 481' left of centerline, 4564' MSL.

Tree 86' from DER, 509' left of centerline, 4565' MSL.

Electrical system 135' from DER, 529' right of centerline, 34' AGL/4595' MSL.

Transmission line 1108' from DER, 589' right of centerline, 51' AGL/4596' MSL.

Transmission line 1786' from DER, 606' left of centerline, 50' AGL/4603' MSL.

Terrain 1.5 NM from DER, 1600' right of centerline, 4827' MSL.

Terrain 2.5 NM from DER, 1185' left of centerline, 4990' MSL.

Rwy 21, bush beginning 60' from DER, 79' left of centerline, up to 10' AGL/4581' MSL.

Bush beginning 132' from DER, 65' right of centerline, up to 10' AGL/4597' MSL.

Pole 1658' from DER, 128' left of centerline, 85' AGL/4625' MSL.

Pole 1710' from DER, 319' right of centerline, 4602' MSL.

Pole 1827' from DER, 831' right of centerline, 4623' MSL.

Bush 1.5 NM from DER, 2256' left of centerline, 10' AGL/4797' MSL.

Bush beginning 1.9 NM from DER, 3289' right of centerline, up to 4868' MSL.

Terrain 1.9 NM from DER, 2742' right of centerline, 4899' MSL.

Traverse way beginning 2 NM from DER, 39' left of centerline, up to 10' AGL/4984' MSL.

Traverse way beginning 2.1 NM from DER, 297' left of centerline, up to 10' AGL/4994' MSL.

Trees beginning 2.1 NM from DER, 91' left of centerline, up to 10' AGL/5014' MSL.

MONTICELLO, UT

MONTICELLO (U64)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15JUN23 (23166) (FAA)

TAKEOFF MINIMUMS:

Rwy 16, std. w/min. climb of 240' per NM to 14700 or 4800-5 for VCOA.

Rwy 34, std. w/min. climb of 260' per NM to 14700 or 4800-5 for VCOA.

DEPARTURE PROCEDURE:

Rwy 16, climb on a heading between 002° CW to 166°.

Rwy 34, climb on a heading between 301° CW to 142°.

VCOA:

All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Monticello airport at or above 11600 before proceeding on course.

NELLIS AFB (KLSV)

LAS VEGAS, NV

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 3 10AUG23 (23222) (USAF)

Rwys 3L/R, NA-Terrain.

Rwys 21L/R, hdg as assigned by ATC; requires min climb of 296'/NM (MIL)/314'/NM (CIV) until 12,000.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 12JUN25 (25163) (USAF)

TAKEOFF MINIMUMS:

Rwy 3L, 2700-3 SR-SS or std w/min climb of 304'/NM to 4000.

Rwy 3R, 2900-3 SR-SS or std w/min climb of 263'/NM to 5000.

Rwys 21L/R, 10100-3 SR-SS or std w/min climb of 380'/NM (MIL)/415'/NM (CIV) to 13,300.

DEPARTURE PROCEDURE:

Rwys 3L/R, climb hdg 040°, expect RADAR vectors passing 5400' MSL from RAPCON.

Rwys 21L/R, climb on hdg between 210° CW to 285° from DER.

NEPHI, UT

NEPHI MUNI (U14)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20OCT11 (11293) (FAA)

DEPARTURE PROCEDURE:

Use NEPHI DEPARTURE.

NOGALES, AZ

NOGALES INTL (OLS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 21MAR24 (24081) (FAA)

DEPARTURE PROCEDURE:

Use NOGALES DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 4, tree 58' from DER, 455' left of centerline, 3963' MSL.
Tree 80' from DER, 174' right of centerline, 6'AGL/3958' MSL.
Trees beginning 97' from DER, 446' left of centerline, up to 15' AGL/3964' MSL.
Tree 252' from DER, 43' right of centerline, 5' AGL/3962' MSL.
Tree 261' from DER, 463' left of centerline, 3971' MSL.
Trees beginning 308' from DER, 37' right of centerline, up to 6' AGL/3964' MSL.
Trees, fence beginning 334' from DER, 136' left of centerline, up to 3987' MSL.
Trees beginning 368' from DER, 64' right of centerline, up to 3991' MSL.
Tree, terrain beginning 603' from DER, 546' right of centerline, up to 3993' MSL.
Trees, fence, terrain beginning 659' from DER, 13 ' left of centerline, up to 3995' MSL.
Trees, terrain, fence beginning 833' from DER, 50' right of centerline, up to 4010' MSL.
Tree, terrain beginning 1179' from DER, 118' left of centerline, up to 5' AGL/3996' MSL.
Trees, terrain beginning 1199' from DER, 97' right of centerline, up to 4036' MSL.
Trees, terrain beginning 1241' from DER, 66' left of centerline, up to 4018' MSL.
Tree, terrain beginning 1412' from DER, 90' right of centerline, up to 4043' MSL.
Vehicles on road, terrain beginning 1624' from DER, 642' left of centerline, up to 4028' MSL.
Terrain beginning 1637' from DER, 2' right of centerline, up to 4052' MSL.
Trees, vehicles on road, terrain beginning 1688' from DER, 45' left of centerline, up to 4035' MSL.
Terrain beginning 1825' from DER, 38' right of centerline, up to 4067' MSL.
Pole, vehicles on road, trees beginning 1853' from DER, 475' left of centerline, up to 21' AGL/4043' MSL.
Terrain 2033' from DER, 186' left of centerline, 4047' MSL.
Trees, vehicles on road, terrain beginning 2041' from DER, 74' left of centerline, up to 7' AGL/4052' MSL.
Terrain 2221' from DER, 269' left of centerline, 4055' MSL.
Trees, vehicles on road, terrain beginning 2253' from DER, 170' left of centerline, up to 18' AGL/4080' MSL.
Terrain beginning 2354' from DER, 20' right of centerline, up to 4068' MSL.
Trees, vegetation, vehicles on road, pole, terrain beginning 2491' from DER, 55' left of centerline, up to 14' AGL/4093' MSL.
Terrain beginning 2539' from DER, 125' right of centerline, up to 4087' MSL.

CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

NOGALES, AZ (CON'T)

NOGALES INTL (OLS) (CON'T)

Rwy 4 (CON'T), vehicles on road 2657' from DER, 32' left of centerline, 15' AGL/4095' MSL.
Vehicles on road, trees, terrain beginning 2672' from DER, 6' left of centerline, up to 15' AGL/4096' MSL.
Vehicles on road, terrain beginning 2688' from DER, 2' right of centerline, up to 15' AGL/4096' MSL.
Terrain, vehicles on road beginning 2768' from DER, 98' right of centerline, up to 4112' MSL.
Vehicles on road 2987' from DER, 530' right of centerline, 4117' MSL.
Vehicles on road 2995' from DER, 635' right of centerline, 4121' MSL.
Vehicles on road, terrain beginning 3009' from DER, 489' right of centerline, up to 4123' MSL.
Vehicles on road, terrain beginning 3351 ' from DER, 12' right of centerline, up to 4130' MSL.
Vehicles on road, terrain beginning 3449' from DER, 633' right of centerline, up to 4143' MSL.
Vehicles on road 3499' from DER, 1364' right of centerline, 4149' MSL.
Vehicles on road, terrain, vegetation beginning 3570' from DER, 101' right of centerline, up to 4155' MSL.
Terrain beginning 3581 ' from DER, 42' left of centerline, up to 4112' MSL.
Terrain beginning 4127' from DER, 627' right of centerline, up to 4156' MSL.
Tree, terrain beginning 4143' from DER, 768' right of centerline, up to 4180' MSL.
Trees, terrain beginning 4262' from DER, 426' right of centerline, up to 4184' MSL.
Tree, terrain beginning 4495' from DER, 709' right of centerline, up to 4210' MSL.
Terrain beginning 4627' from DER, 1171' right of centerline, up to 4217' MSL.
Trees, terrain beginning 4737' from DER, 216' right of centerline, up to 4223' MSL.
Tree, terrain beginning 5806' from DER, 343' right of centerline, up to 4241' MSL.
Trees, terrain beginning 5953' from DER, 409' right of centerline, up to 4254' MSL.
Trees, terrain beginning 1 NM from DER, 58' right of centerline, up to 4256' MSL.
Tree, terrain beginning 1 NM from DER, 1260' left of centerline, up to 4136' MSL.
Trees, terrain beginning 1.1 NM from DER, 433 ' left of centerline, up to 4151' MSL.
Trees, pole, terrain beginning 1.2 NM from DER, 75' left of centerline, up to 16' AGL/4221' MSL.
Trees, vegetation, terrain beginning 1.3 NM from DER, 84' left of centerline, up to 4254' MSL.
Trees, terrain beginning 1.4 NM from DER, 25' left of centerline, up to 11' AGL/4283' MSL.
Tree, terrain beginning 1.4 NM from DER, 140' right of centerline, up to 4326' MSL.
Tree, terrain beginning 1.5 NM from DER, 79' right of centerline, up to 11' AGL/4327' MSL.
Tree, terrain beginning 1.7 NM from DER, 639' right of centerline, up to 4345' MSL.
Tree, terrain beginning 1.8 NM from DER, 172' right of centerline, up to 4367' MSL.
Tree, terrain beginning 1.9 NM from DER, 628' right of centerline, up to 4384' MSL.
Terrain, vehicles on road, trees beginning 2 NM from DER, 935' right of centerline, up to 4406' MSL.
Terrain 2.1 NM from DER, 616' left of centerline, 4299' MSL.
Terrain, vehicles on road, trees beginning 2.2 NM from DER, 1859' right of centerline, 234' left of centerline, up to 4451' MSL.
Terrain, trees, vehicles on road beginning 2.3 NM from DER, 835' right of centerline, up to 14' AGL/4535' MSL.
Rwy 22, tree 3' from DER, 445' left of centerline, 3847' MSL.
Tree 19' from DER, 141' left of centerline, 10' AGL/3848' MSL.
Tree 29' from DER, 339' left of centerline, 3849' MSL.
Tree, vegetation beginning 45' from DER, 201 ' left of centerline, up to 17' AGL/3851' MSL.
Tree 48' from DER, 504' right of centerline, 3845' MSL.
Tree, vegetation beginning 112' from DER, 49' right of centerline, up to 24' AGL/3854' MSL.
Vehicles on roads, tree, beginning 2 NM from DER, 3648' left of centerline, up to 15' AGL/4208' MSL.
Tree 2.3 NM from DER, 3969' left of centerline, 11' AGL/4219' MSL.

OGDEN, UT

OGDEN-HINCKLEY (OGD)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 26DEC24 (24361) (FAA)

Rwys 3, 21, 35, heading as assigned by ATC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2B 28FEB19 (23054) (FAA)

DEPARTURE PROCEDURE:
Use EMONT DEPARTURE.

TAKEOFF OBSTACLE NOTES:
Rwy 3, NAVAID, vehicle on road beginning 195' from DER, 267' right of centerline, up to 17' AGL/4426' MSL.
Pole 241' from DER, 535' left of centerline, 39' AGL/4447' MSL.
Pole 348' from DER, 582' right of centerline, 41' AGL/4451' MSL.
Trees, building beginning 375' from DER, 62' left of centerline, up to 4451' MSL.
Tree, pole beginning 430' from DER, 502' right of centerline, up to 4455' MSL.
Rwy 21, tree 702' from DER, 649' left of centerline, 4492' MSL.
Tree 1133' from DER, 701' left of centerline, 4513' MSL.
Trees, building, pole beginning 2074' from DER, 792' left of centerline, up to 4570' MSL.
Tree 3429' from DER, 421' right of centerline, 4561' MSL.
Rwy 35, tree 209' from DER, 185' left of centerline, 4446' MSL.
Tree 243' from DER, 233' left of centerline, 4447' MSL.
Trees beginning 292' from DER, 87' right of centerline, up to 4454' MSL.
Tree 686' from DER, 397' right of centerline, 4479' MSL.

OWYHEE, NV

OWYHEE (10U)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 17JUN21 (23054) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, std. w/min. climb of 495' per NM to 9000, or 3200-3 for VCOA.

Rwy 23, std. w/min. climb of 395' per NM to 10100, or 3200-3 for VCOA.

VCOA:

All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Owyhee airport at or above 8400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 5, fence 11' from DER, 440' right of centerline, 4' AGL/5367' MSL.
Fence beginning 94' from DER, 319' left of centerline, up to 7' AGL/5372' MSL.

Rwy 23, fence 17' from DER, 319' right of centerline, 7' AGL/5380' MSL.
Fence beginning 91' from DER, 399' left of centerline, up to 6' AGL/5382' MSL.
Fence 119' from DER, 319' right of centerline, 5381' MSL.

PAGE, AZ

PAGE MUNI (PGA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 21JUL16 (16203) (FAA)

TAKEOFF MINIMUMS:

Rwys 7, 25, NA – obstacles.

Rwy 15, std. w/ min. climb of 285' per NM to 6500, or 3100-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 33, Climb heading 336° to 6000, then climbing left turn direct PGA VOR/DME, thence…

Rwy 15, Climb heading 156° to 6200, then climbing right turn direct PGA VOR/DME, thence…
…cross PGA VOR/DME at or above 7700. Continue climb in PGA VOR/DME holding pattern (hold nw, right turns 147° Inbound) to cross PGA VOR/DME at or above MEA/MCA for direction of flight.

VCOA:

Rwy 15, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Page Muni airport at or above 7300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 15, rising terrain 192' from DER, 272' right of centerline, 4323' MSL.

PANGUITCH, UT

PANGUITCH MUNI (U55)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 02JUN11 (11153) (FAA)

TAKEOFF MINIMUMS:

Rwy 18, std. w/min. climb of 350' per NM to 9200 or 2200-3 for climb in visual conditions.

Rwy 36, std. w/min. climb of 450' per NM to 9500 or 2200-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 18, climb heading 185° to 9200 then left turn to intercept BCE VORTAC R-274, continue climb to 12000 to BCE VORTAC, or for climb in visual conditions: cross Panguitch Muni Airport southeast bound at or above 8800' MSL then via BCE R-320 to BCE VORTAC thence …

Rwy 36, climb heading 005° to 9500 then left turn to intercept BCE VORTAC R-323 (V257), continue climb to 12000 to BCE VORTAC, or for climb in visual conditions: cross Panguitch Muni Airport southeast bound at or above 8800' MSL then via BCE R-320 to BCE VORTAC thence…
…continue climb in BCE VORTAC holding pattern (hold southwest, right turn, 045° inbound) to cross BCE VORTAC at or above MEA for route of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 36, terrain 64' from DER, 426' right of centerline, 6775' MSL.
Terrain 426' from DER, 565' right of centerline, 6779' MSL.

Rwy 18, terrain beginning 114' from DER, 306' left of centerline, 6758' MSL.
Terrain 26' from DER, 229' left of centerline 6756' MSL.
Terrain 388' from DER, 91' left of centerline 6766' MSL.
Terrain 316' from DER, 321' left of centerline 6766' MSL.

PARKER, AZ

AVI SUQUILLA (P20)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05OCT23 (23278) (FAA)

TAKEOFF MINIMUMS:

Rwy 2, std w/min climb of 275'/NM to 2700, or 1800-3 for VCOA.

Rwy 20, std w/min climb of 243'/NM to 2700, or 1800-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 2, climb on heading 016° to 1400 then climbing right turn direct PKE VORTAC.

Rwy 20, climb heading 196° to 1500 then climbing left turn direct PKE VORTAC.

VCOA:

All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Avi Suquilla airport southwest bound at or above 2100 before proceeding direct PKE VORTAC.

CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

PARKER, AZ (CON'T)

AVI SUQUILLA (P20) (CON'T)

TAKEOFF OBSTACLE NOTES:

Rwy 2, trees beginning 94' from DER, 214' right of centerline, up to 20' AGL/463' MSL.
Tree 477' from DER, 307' right of centerline, 20' AGL/480' MSL.
Rwy 20, trees beginning 1' from DER, 178' right of centerline, up to 20' AGL/463' MSL.
Tree 50' from DER, 274' left of centerline, 20' AGL/460' MSL.
Tree 161' from DER, 47' left of centerline, 20' AGL/463' MSL.

PAYSON, AZ

PAYSON (PAN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 15NOV12 (12320) (FAA)

TAKEOFF MINIMUMS:

Rwy 6, std. w/ min. climb of 360' per NM to 9300, or 2500-3 for climb in visual conditions.
Rwy 24, std. w/ min. climb of 375' per NM to 9300, or 2500-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwys 6, 24, for climb in visual conditions: Cross Payson Airport at or above 7500 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 6, tree 197' from DER, 118' right of centerline, up to 12' AGL/5170' MSL.
Bush 83' from DER, 99' right of centerline, up to 3' AGL/5161' MSL.
Rwy 24, bush 15' from DER, 133' right of centerline, 6' AGL/5148' MSL.
Tree 320' from DER, 183' right of centerline, 12' AGL/5154' MSL.
Fence 85' from DER, 84' left of centerline, 4' AGL/5141' MSL.
Tree 164' from DER, 126' left of centerline, 9' AGL/5147' MSL.

PHOENIX, AZ

MESA GATEWAY (IWA)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 20AUG15 (15232) (FAA)

Rwys 12L, 12C, 12R, as assigned by ATC; requires minimum climb of 250' per NM to 3100.
Rwys 30L, 30C, 30R, heading as assigned by ATC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 24MAY18 (25051) (FAA)

DEPARTURE PROCEDURE:

Use PHOENIX DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwys 30L/C/R, trees beginning 351' from DER, 351' left of centerline, up to 20' AGL/1,359' MSL.
Trees beginning 689' from DER, 398' right of centerline, up to 20' AGL/1,359' MSL.

PHOENIX DEER VALLEY (DVT)

DIVERSE VECTOR AREA (RADAR VECTORS)

ORIG 13NOV14 (14317) (FAA)

Rwys 25L, 25R, heading as assigned by ATC; requires minimum climb of 370' per NM to 4600.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 23FEB23 (23054) (FAA)

DEPARTURE PROCEDURE:

Use DEER VALLEY DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 7L, general utility, vertical point beginning 30' from DER, 120' right of centerline, up to 3' AGL/1479' MSL.
Vertical point 33' from DER, 125' left of centerline, 2' AGL/1479' MSL.
Sign 89' from DER, 160' left of centerline, 3' AGL/1480' MSL.
Pole, NAVAID beginning 340' from DER, 315' right of centerline, up to 13' AGL/1488' MSL.
Tree 665' from DER, 537' left of centerline, 1498' MSL.
Trees beginning 746' from DER, 499' left of centerline, up to 1499' MSL.
Tree 913' from DER, 338' left of centerline, 1502' MSL.
Tree 3574' from DER, 381' left of centerline, 13' AGL/1569' MSL.
Terrain 3610' from DER, 165' left of centerline, 1579' MSL.
Terrain, tree beginning 3611' from DER, 253' left of centerline, up to 1587' MSL.
Vegetation 3686' from DER, 38' right of centerline, 3' AGL/1570' MSL.
Trees beginning 3693' from DER, 380' left of centerline, up to 10' AGL/1602' MSL.
Terrain, tree, vegetation beginning 3713' from DER, 9' left of centerline, up to 1624' MSL.
Trees beginning 3824' from DER, 0' right of centerline, up to 1596' MSL.
Tree, terrain beginning 1 NM from DER, 1748' left of centerline, up to 1670' MSL.
Tree, vegetation beginning 1 NM from DER, 1461' left of centerline, up to 1683' MSL.
Tree, vegetation beginning 1 NM from DER, 1319' left of centerline, up to 1708' MSL.
Vegetation, tree beginning 1.4 NM from DER, 2084' left of centerline, up to 1732' MSL.
Trees beginning 1.4 NM from DER, 2485' left of centerline, up to 1765' MSL.
Trees beginning 1.5 NM from DER, 2240' left of centerline, up to 1772' MSL.

CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, AZ (CON'T)

PHOENIX DEER VALLEY (DVT) (CON'T)

Rwy 7L (CON'T), tree, vegetation beginning 1.5 NM from DER, 1971' left of centerline, up to 1810' MSL.
Terrain 1.5 NM from DER, 2961' left of centerline, 1821' MSL.
Tree 1.5 NM from DER, 2620' left of centerline, 1831' MSL.
Trees beginning 1.5 NM from DER, 1869' left of centerline, up to 1845' MSL.
Tree, vegetation beginning 1.5 NM from DER, 1835' left of centerline, up to 1882' MSL.
Vegetation 1.5 NM from DER, 2796' left of centerline, 1900' MSL.
Trees beginning 1.5 NM from DER, 2043' left of centerline, up to 1926' MSL.
Tree, terrain beginning 1.5 NM from DER, 1816' left of centerline, up to 24' AGL/1930' MSL.
Tree, terrain, fence beginning 1.5 NM from DER, 2059' left of centerline, up to 19' AGL/1943' MSL.
Antenna 1.5 NM from DER, 2150' left of centerline, 18' AGL/1955' MSL.
Pole, vegetation, tree, terrain beginning 1.5 NM from DER, 1810' left of centerline, up to 27' AGL/1956' MSL.
Rwy 7R, lighting 42' from DER, 484' left of centerline, 1' AGL/1482' MSL.
Vegetation 146' from DER, 515' left of centerline, 1483' MSL.
Tree 393' from DER, 602' left of centerline, 1488' MSL.
Tree, pole beginning 513' from DER, 499' right of centerline, up to 1498' MSL.
Tree 557' from DER, 266' left of centerline, 1494' MSL.
Pole 848' from DER, 503' right of centerline, 24' AGL/1507' MSL.
Building 930' from DER, 712' right of centerline, 1510' MSL.
Terrain 990' from DER, 359' right of centerline, 1514' MSL.
Vertical structure 1027' from DER, 602' left of centerline, 1518' MSL.
Pole 1028' from DER, 601' left of centerline, 39' AGL/1526' MSL.
Pole, vegetation, tree beginning 1031' from DER, 384' right of centerline, up to 28' AGL/1536' MSL.
Pole 1137' from DER, 548' left of centerline, 43' AGL/1530' MSL.
Pole, tree beginning 1149' from DER, 707' left of centerline, up to 48' AGL/1536' MSL.
Trees beginning 1845' from DER, 878' right of centerline, up to 1558' MSL.
Trees beginning 1935' from DER, 762' left of centerline, up to 14' AGL/1542' MSL.
Trees beginning 1950' from DER, 924' right of centerline, up to 1578' MSL.
Tree, vegetation beginning 1953' from DER, 660' left of centerline, up to 12' AGL/1554' MSL.
Terrain 2041' from DER, 865' left of centerline, 1579' MSL.
Terrain, vegetation, tree beginning 2043' from DER, 422' left of centerline, up to 1587' MSL.
Pole, terrain beginning 2136' from DER, 796' left of centerline, up to 30' AGL/1645' MSL.
Antenna 2165' from DER, 821' left of centerline, 21' AGL/1657' MSL.
Pole, tree, terrain, vegetation beginning 2166' from DER, 504' left of centerline, up to 38' AGL/1660' MSL.
Tree 1.1 NM from DER, 2239' right of centerline, 1662' MSL.
Tree, pole, transmission line, traverse way beginning 1.1 NM from DER, 2058' right of centerline, up to 1706' MSL.
Tree 1.2 NM from DER, 2336' right of centerline, 1720' MSL.
Tree, terrain beginning 1.2 NM from DER, 2417' right of centerline, up to 1725' MSL.
Tree 1.2 NM from DER, 2497' left of centerline, 1669' MSL.
Tree 1.2 NM from DER, 2389' left of centerline, 1675' MSL.
Vegetation beginning 1.2 NM from DER, 2441' left of centerline, up to 1733' MSL.
Tree, vegetation beginning 1.3 nm from DER, 2409' left of centerline, up to 1764' MSL.
Tree, terrain beginning 1.3 NM from DER, 2435' left of centerline, up to 1827' MSL.
Vegetation 1.3 NM from DER, 2757' left of centerline, 1706' MSL.
Rwy 25L, tree, fence beginning 19' from DER, 498' right of centerline, up to 1455' MSL.
Tree 37' from DER, 505' left of centerline, 1461' MSL.
Tree, building beginning 195' from DER, 505' left of centerline, up to 31' AGL/1465' MSL.
Tree, building beginning 304' from DER, 506' right of centerline, up to 1469' MSL.
Tree 421' from DER, 498' right of centerline, 1470' MSL.
Tree, building, antenna, pole beginning 542' from DER, 502' right of centerline, up to 39' AGL/1475' MSL.
Tree, building, pole beginning 630' from DER, 505' left of centerline, up to 1467' MSL.
Pole 1070' from DER, 375' left of centerline, 1468' MSL.
Poles beginning 1077' from DER, 374' left of centerline, up to 39' AGL/1470' MSL.
Pole 1126' from DER, 498' right of centerline, 44' AGL/1478' MSL.
Poles beginning 1183' from DER, 495' left of centerline, up to 41' AGL/1471' MSL.
Signs beginning 1234' from DER, 356' left of centerline, up to 48' AGL/1478' MSL.
Rwy 25R, lighting 30' from DER, 114' left of centerline, 3' AGL/1456' MSL.
Lighting, general utility beginning 30' from DER, 112' right of centerline, up to 2' AGL/1456' MSL.
General utility 31' from DER, 112' left of centerline, 4' AGL/1457' MSL.
Tree 1139' from DER, 798' right of centerline, 1490' MSL.
Terrain 1.3 NM from DER, 2396' right of centerline, 1686' MSL.
Vegetation, tree beginning 1.3 NM from DER, 2270' right of centerline, up to 1697' MSL.
Pole, traverse way beginning 1.3 NM from DER, 1847' right of centerline, up to 30' AGL/1713' MSL.
Antenna 1.3 NM from DER, 2640' right of centerline, 57' AGL/1732' MSL.
Tower, tree, pole, vegetation beginning 1.3 NM from DER, 2073' right of centerline, up to 66' AGL/1741' MSL.
Antenna, tower, traverse way, tree beginning 1.4 NM from DER, 2749' right of centerline, up to 91' AGL/1769' MSL.
Tree 1.6 NM from DER, 3023' right of centerline, 25' AGL/1700' MSL.

PHOENIX SKY HARBOR INTL (PHX)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 2 13NOV14 (14317) (FAA)

Rwys 7L, 7R, 8, heading as assigned by ATC.
Rwy 25L, heading as assigned by ATC; requires minimum climb of 305' per NM to 6000.
Rwy 25R, heading as assigned by ATC; requires minimum climb of 325' per NM to 6000.
Rwy 26, heading as assigned by ATC; requires minimum climb of 300' per NM to 6000.

PHOENIX, AZ (CON'T)

PHOENIX SKY HARBOR INTL (PHX) (CON'T)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 18SEP14 (14261) (FAA)

TAKEOFF MINIMUMS:

Rwy 26, 600-2¾ or std. w/min. climb of 326' per NM to 1900.

DEPARTURE PROCEDURE:

Rwys 7L, 7R, 8, climb heading 078° to 3000, then climbing right turn direct PXR VORTAC.

Rwys 25L, 25R, climb heading 258° to 1900 then climbing right turn to join PXR R-260 (V16) westbound, climb to 5000.

Rwy 26, climb heading 258° to 1550, then join PXR R-260 (V16) westbound, climb to 5000. Westbound departures continue climb on PXR R-260. All others, climbing right turn direct PXR VORTAC.

TAKEOFF OBSTACLE NOTES:

Rwy 7R, transmission towers and power lines, 3201' from DER, 1122' right of centerline, up to 131' AGL/1260' MSL.

Rwy 8, multiple light poles, beginning 2539' from DER, 900' left of centerline, up to 82' AGL/1234' MSL.

Light pole, 1639' from DER, 793' right of centerline, 46' AGL/1177' MSL.

Rwy 25L, multiple light poles, beginning 681' from DER, 521' left of centerline, up to 63' AGL/1166' MSL.

Sign, 902' from DER, 711' left of centerline, 64' AGL/1170' MSL.

Multiple light poles, beginning 1519' from DER, 535' left of centerline, up to 99' AGL/1201' MSL.

Multiple light poles, beginning 1919' from DER, 598' left of centerline, up to 90' AGL/1192' MSL.

Rwy 26, pole, 42' from DER, 440' left of centerline, 26' AGL/1135' MSL.

Fence, 176' from DER, 547' left of centerline, 11' AGL/1120' MSL.

Pole, 315' from DER, 499' left of centerline, 11' AGL/1120' MSL.

Tree, 763' from DER, 642' left of centerline, 24' AGL/1135' MSL.

Pole, 1959' from DER, 923' left of centerline, 59' AGL/1163' MSL.

Pole, 2312' from DER, 318' left of centerline, 66' AGL/1169' MSL.

Pole, 2336' from DER, 578' left of centerline, 67' AGL/1170' MSL.

Pole, 78' from DER, 456' right of centerline, 32' AGL/1142' MSL.

Pole, 82' from DER, 64' right of centerline, 18' AGL/1127' MSL.

Tree, 118' from DER, 294' right of centerline, 22' AGL/1133' MSL.

Tree, 239' from DER, 214' right of centerline, 22' AGL/1133' MSL.

Tree, 414' from DER, 522' right of centerline, 24' AGL/1135' MSL.

Sign, 520' from DER, 567' right of centerline, 16' AGL/1125' MSL.

Pole, 2301' from DER, 193' right of centerline, 69' AGL/1171' MSL.

Pole, 2302' from DER, 661' right of centerline, 68' AGL/1171' MSL.

PRESCOTT, AZ

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

DIVERSE VECTOR AREA (RADAR VECTORS)

ORIG-A 20JUN19 (19171) (FAA)

Rwys 3L/R, heading as assigned by ATC.

Rwy 12, heading as assigned by ATC; requires min. climb of 370' per NM to 7700.

Rwys 21L/R, heading as assigned by ATC; requires min. climb of 390' per NM to 8300.

Rwy 30, heading as assigned by ATC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5A 20JUN19 (24305) (FAA)

DEPARTURE PROCEDURE:

Use PRESCOTT DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 3L, lighting 8' from DER, 19' right of centerline, 1' AGL/4939' MSL.

Sign 15' from DER, 126' left of centerline, 3' AGL/4939' MSL.

Tree 20' from DER, 408' left of centerline, 4949' MSL.

Tree 184' from DER, 404' left of centerline, 4951' MSL.

Rwy 12, tree 4' from DER, 323' right of centerline, 5066' MSL.

Buildings, lighting, sign beginning 9' from DER, 122' left of centerline, up to 31' AGL/5057' MSL.

Tree, utility pole, sign, terrain beginning 19' from DER, 65' right of centerline, up to 28' AGL/5086' MSL.

Terrain, trees, building, lighting beginning 24' from DER, 111' left of centerline, up to 46' AGL/5062' MSL.

Terrain, road beginning 196' from DER, 317' left of centerline, up to 5069' MSL.

Trees beginning 302' from DER, 361' left of centerline, up to 45' AGL/5083' MSL.

Tower, road, trees, pole beginning 426' from DER, 267' left of centerline, up to 46' AGL/5092' MSL.

Terrain, trees beginning 2.1 NM from DER, 2368' right of centerline, up to 56' AGL/5656' MSL.

Rwy 21R, sign, terrain beginning 11' from DER, 82' left of centerline, up to 2' AGL/4977' MSL.

Sign, trees, road, building, electrical system, pole, tank beginning 11' from DER, 19' right of centerline, up to 50' AGL/5024' MSL.

Trees beginning 90' from DER, 70' left of centerline, up to 50' AGL/5041' MSL.

Trees, poles, building beginning 752' from DER, 22' right of centerline, up to 50' AGL/5031' MSL.

Tree, pole beginning 940' from DER, 3' left of centerline, up to 50' AGL/5044' MSL.

Trees, poles, building beginning 980' from DER, 22' right of centerline, up to 50' AGL/5044' MSL.

Fence, trees, poles, road, building, stack, tank beginning 1207' from DER, 35' right of centerline, up to 57' AGL/5054' MSL.

Trees, poles beginning 1561' from DER, left and right of centerline, up to 50' AGL/5064' MSL.

Trees beginning 1954' from DER, 129' left of centerline, 50' AGL/5064' MSL.

Trees beginning 2325' from DER, left and right of centerline, up to 50' AGL/5080' MSL.

Trees beginning 2615' from DER, 140' left of centerline, up to 50' AGL/5077' MSL.

CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

PRESCOTT, AZ (CON'T)

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC) (CON'T)

Rwy 21R (CON'T), building, trees beginning 2718' from DER, 35' right of centerline, up to 50' AGL/5093' MSL.
Trees, pole beginning 3134' from DER, 128' left of centerline, up to 50' AGL/5090' MSL.
Trees, beginning 3442' from DER, 24' right of centerline, up to 50' AGL/5103' MSL.
Trees beginning 3527' from DER, 175' left of centerline, up to 50' AGL/5103' MSL.
Antenna, building, trees beginning 3772' from DER, left and right of centerline, up to 90' AGL/5116' MSL.
Trees beginning 4194' from DER, 145' right of centerline, up to 5113' MSL.
Trees beginning 4759' from DER, left and right of centerline, up to 75' AGL/5117' MSL.
Trees beginning 5180' from DER, 15' right of centerline, 70' AGL/5119' MSL.
Trees beginning 5408' from DER, 743' right of centerline, up to 50' AGL/5126' MSL.
Rwy 21L, lighting, fence beginning 30' from DER, 336' left of centerline, up to 7' AGL/5042' MSL.
Road, fence, tree beginning 111' from DER, 469' left of centerline, up to 5051' MSL.
Road, fence beginning 300' from DER, 455' left of centerline, up to 5056' MSL.
Wind indicator, pole, tree, roads beginning 402' from DER, 269' right of centerline, up to 5076' MSL.
Tree, fence, roads, lighting, pole, sign, NAVAID, building beginning 614' from DER, 41' left of centerline, up to 5113' MSL.
Trees, road beginning 782' from DER, 528' right of centerline, up to 47' AGL/5089' MSL.
Trees, road, pole, fence, electrical system, building, lighting, antenna beginning 971' from DER, 2' right of centerline, up to 70' AGL/5117 ' MSL.
Trees beginning 1779' from DER, 108' left of centerline, up to 71' AGL/5116' MSL.
Rwy 30, buildings, sign, poles beginning 28' from DER, 127' left of centerline, up to 25' AGL/5041' MSL.

PRICE, UT

CARBON COUNTY RGNL/BUCK DAVIS FLD (PUC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 05MAR15 (21280) (FAA)

TAKEOFF MINIMUMS:
Rwy 1, std. w/min. climb of 400' per NM to 6800 or 3300-3 for climb in visual conditions.
Rwy 8, NA-Obstacles.
Rwy 33, std. w/min. climb of 370' per NM to 6700 or 3300-3 for climb in visual conditions.
DEPARTURE PROCEDURE:
Rwy 1, climb to 6400 then climbing right turn on a heading between 144° CW to 187°, maintain 210 KIAS until completion of turn, thence . . .
Rwy 15, climb on a heading between 129° CW to 196°, thence . . .
Rwy 19, climb on a heading between 195° CCW to 128°, thence . . .
Rwy 26, climb on a heading between 179° CCW to 127°, thence . . .
Rwy 33, climb to 6300 then climbing left turn on a heading between 178° CCW to 148°, thence . . .
. . . continue climb to assigned altitude for direction of flight.
VCOA:
Rwys 1, 33, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Carbon County Rgnl/Buck Davis Fld airport at or above 9100 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 1, multiple trees and poles beginning 164' from DER, left and right of centerline, up to 64' AGL/6207' MSL.

PROVO, UT

PROVO MUNI (PVU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 30SEP04 (04274) (FAA)

DEPARTURE PROCEDURE:
Use PROVO DEPARTURE.

RENO, NV

RENO/STEAD (RTS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 31OCT24 (24305) (FAA)

DEPARTURE PROCEDURE:
Use STEAD DEPARTURE.
TAKEOFF OBSTACLE NOTES:
Rwy 8, vegetation beginning 138' from DER, 358' left of centerline, up to 5058' MSL.
Rwy 26, vegetation 4' from DER, 360' right of centerline, 4997' MSL.
Pole 1079' from DER, 623' left of centerline, 5032' MSL.
Terrain beginning 2.4 NM from DER, 733' left of centerline, up to 5756' MSL.
Rwy 32, vertical structure 56' from DER, 229' left of centerline, 5054' MSL.
Vegetation 2.3 NM from DER, 2232' left of centerline, 5806' MSL.

RENO, NV (CON'T)

RENO/TAHOE INTL (RNO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 29DEC22 (22363) (FAA)

DEPARTURE PROCEDURE:

Use SPARKS DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 17L, building 78' from DER, 262' left of centerline, 8' AGL/4413' MSL.
Antenna 130' from DER, 379' right of centerline, 41' AGL/4444' MSL.
Tree 719' from DER, 555' left of centerline, 4434' MSL.
Tree 1055' from DER, 132' left of centerline, 4435' MSL.
Pole 1108' from DER, 487' left of centerline, 34' AGL/4445' MSL.
Pole, building beginning 1331' from DER, 458' left of centerline, up to 34' AGL/4446' MSL.
Pole 1428' from DER, 229' left of centerline, 36' AGL/4449' MSL.
Tree 1843' from DER, 132' left of centerline, 4456' MSL.
Tree 1879' from DER, 126' left of centerline, 4466' MSL.
Tower 2389' from DER, 975' left of centerline, 55' AGL/4469' MSL.
Tower 2747' from DER, 853' left of centerline, 66' AGL/4482' MSL.
Terrain 4845' from DER, 1693' left of centerline, 4546' MSL.
Terrain 5161' from DER, 1451' left of centerline, 4547' MSL.
Terrain beginning 5253' from DER, 1698' left of centerline, up to 4776' MSL.
Terrain 5470' from DER, 1838' left of centerline, 4846' MSL.
Terrain beginning 5524' from DER, 1371' left of centerline, up to 4919' MSL.
Terrain beginning 5702' from DER, 1691' left of centerline, up to 4926' MSL.
Terrain beginning 5874' from DER, 1768' left of centerline, up to 4953' MSL.
Terrain 1 NM from DER, 1981' left of centerline, 4837' MSL.
Rwy 17R, lighting 10' from DER, 85' left of centerline, 1' AGL/4415' MSL.
Lighting 10' from DER, 85' right of centerline, 1' AGL/4415' MSL.
Tree 746' from DER, 379' left of centerline, 4435' MSL.
Trees beginning 1156' from DER, 772' left of centerline, up to 4456' MSL.
Tree 1306' from DER, 840' left of centerline, 4457' MSL.
Trees beginning 1409' from DER, 818' left of centerline, up to 4466' MSL.
Trees beginning 1593' from DER, 658' left of centerline, up to 4474' MSL.
Tree 1873' from DER, 936' left of centerline, 4475' MSL.
Tree 2164' from DER, 653' left of centerline, 4478' MSL.
Trees beginning 2783' from DER, 172' right of centerline, up to 4501' MSL.
Tree 3135' from DER, 590' right of centerline, 4507' MSL.
Tree 3285' from DER, 504' right of centerline, 4510' MSL.
Rwy 26, lighting 9' from DER, 54' left of centerline, 1' AGL/4410' MSL.
Lighting 10' from DER, 54' right of centerline, 1' AGL/4410' MSL.
Pole 119' from DER, 464' left of centerline, 32' AGL/4440' MSL.
Pole, transmission line, fence beginning 142' from DER, 270' right of centerline, up to 30' AGL/4438' MSL.
Pole 499' from DER, 466' left of centerline, 39' AGL/4452' MSL.
Pole 1274' from DER, 469' left of centerline, 39' AGL/4458' MSL.
Pole 1369' from DER, 387' right of centerline, 27' AGL/4447' MSL.
Sign 1501' from DER, 206' right of centerline, 30' AGL/4448' MSL.
Tree 1618' from DER, 42' right of centerline, 4473' MSL.
Signs, trees beginning 1656' from DER, 66' left of centerline, up to 59' AGL/4482' MSL.
Tree 1663' from DER, 15' right of centerline, 4475' MSL.
Trees beginning 1664' from DER, 16' right of centerline, up to 4484' MSL.
Tree 1878' from DER, 28' left of centerline, 4483' MSL.
Trees beginning 1913' from DER, 162' left of centerline, up to 4484' MSL.
Trees beginning 1916' from DER, 20' left of centerline, up to 4487' MSL.
Trees beginning 2053' from DER, 25' left of centerline, up to 4497' MSL.
Tree 2099' from DER, 206' right of centerline, 4490' MSL.
Trees beginning 2102' from DER, 12' right of centerline, up to 4493' MSL.
Trees beginning 2255' from DER, 45' right of centerline, up to 4500' MSL.
Trees beginning 2268' from DER, 5' left of centerline, up to 4506' MSL.
Pole, tree beginning 2635' from DER, 114' right of centerline, up to 100' AGL/4527' MSL.
Antenna 3413' from DER, 298' left of centerline, 80' AGL/4514' MSL.
Rwy 35L, lighting 10' from DER, 85' left of centerline, 2' AGL/4416' MSL.
Lighting 10' from DER, 86' right of centerline, 2' AGL/4416' MSL.
Sign 40' from DER, 437' right of centerline, 4' AGL/4417' MSL.
Lighting 999' from DER, on centerline, 22' AGL/4440' MSL.
Antenna 1029' from DER, 49' left of centerline, 22' AGL/4441' MSL.
Antenna 1029' from DER, 49' right of centerline, 23' AGL/4441' MSL.
Pole 1176' from DER, 629' right of centerline, 32' AGL/4451' MSL.
Tree 1193' from DER, 400' left of centerline, 4454' MSL.
Trees beginning 1216' from DER, 227' left of centerline, up to 4476' MSL.
Tree 1229' from DER, 349' right of centerline, 4458' MSL.
Trees beginning 1267' from DER, 207' right of centerline, up to 4465' MSL.
Tree 1974' from DER, 898' right of centerline, 4469' MSL.
Tree 2326' from DER, 938' right of centerline, 4473' MSL.
Tree 2350' from DER, 885' right of centerline, 4474' MSL.
Trees beginning 2489' from DER, 178' right of centerline, up to 4493' MSL.
CON'T

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SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NV (CON'T)

RENO/TAHOE INTL (RNO) (CON'T)

Rwy 35L (CON'T), trees, poles beginning 2528' from DER, 16' right of centerline, up to 4498' MSL.
Trees beginning 2789' from DER, 69' left of centerline, up to 4490' MSL.
Trees beginning 2877' from DER, 292' left of centerline, up to 4492' MSL.
Rwy 35R, sign 40' from DER, 262' left of centerline, 4' AGL/4417' MSL.
Building 87' from DER, 272' right of centerline, 7' AGL/4420' MSL.
Lighting 999' from DER, 699' left of centerline, 22' AGL/4440' MSL.
Antennas beginning 1028' from DER, 649' left of centerline, up to 22' AGL/4441' MSL.
Poles beginning 1066' from DER, 165' right of centerline, up to 40' AGL/4458' MSL.
Pole 1176' from DER, 70' left of centerline, 32' AGL/4451' MSL.
Tree 1229' from DER, 349' left of centerline, 4458' MSL.
Tree 1267' from DER, 492' left of centerline, 4465' MSL.
Trees beginning 1711' from DER, 255' right of centerline, up to 4466' MSL.
Tree 1973' from DER, 198' right of centerline, 4469' MSL.
Trees beginning 1991' from DER, 186' right of centerline, up to 4491' MSL.
Trees, pole beginning 2489' from DER, 361' right of centerline, up to 4493' MSL.
Tree 2505' from DER, 520' left of centerline, 4480' MSL.
Trees, pole beginning 2528' from DER, 201' left of centerline, up to 4498' MSL.
Pole 2815' from DER, 531' right of centerline, 82' AGL/4497' MSL.

RICHFIELD, UT

RICHFIELD MUNI (RIF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 05JUN08 (08157) (FAA)

DEPARTURE PROCEDURE:
Rwy 1, use RICHFIELD (RNAV) DEPARTURE.
Rwy 19, use HAMET (RNAV) DEPARTURE.

ROOSEVELT, UT

ROOSEVELT MUNI (74V)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 10NOV16 (16315) (FAA)

TAKEOFF MINIMUMS:
Rwy 7, std.
Rwy 25, std. w/min. climb of 300' per NM to 6100 or 1300-3 for VCOA.
DEPARTURE PROCEDURE:
Rwy 7, turn right.
Rwy 25, turn left.
All aircraft, climb direct MTU VOR/DME. Aircraft departing MTU VOR/DME R-040 CW R-150, climb on course. All others continue climb in MTU holding pattern (NE, right turns, 213° inbound) to cross MTU VOR/DME; R-151 CW R-290 at or above 8000; R-291 CW R-039 at or above 10000. Then climb on course.
VCOA:
Rwy 25, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Roosevelt Muni airport southbound at or above 6300 on MTU R-010 to MTU VOR/DME, continue climb in hold (NE, right turns, 213° inbound) to MEA for direction of flight.
TAKEOFF OBSTACLE NOTES:
Rwy 7, NAVAID 38' from DER, 110' left of centerline, 5' AGL/5111' MSL.
Vehicles on road beginning 76' from DER, 250' left of centerline, up to 15' AGL/5122' MSL.
Rwy 25, NAVAID 39' from DER, 112' left of centerline, 2' AGL/5177' MSL.
Tree 95' from DER, 384' left of centerline, 9' AGL/5179' MSL.
Trees beginning 180' from DER, 403' left and right of centerline, up to 22' AGL/5192' MSL.
Tree, building, vehicle on road, pole beginning 5668' from DER, 1461' right of centerline, up to 45' AGL/5345' MSL.
Trees, poles, buildings, vehicle on road beginning 1 NM from DER, 1031' right of centerline, up to 100' AGL/5410' MSL.
Tree, vehicle on road, terrain beginning 1.2 NM from DER, 1904' right of centerline, up to 16' AGL/5416' MSL.
Poles, tree, vehicle on road beginning 1.3 NM from DER, 1915' right of centerline, up to 56' AGL/5426' MSL.
Trees beginning 1.5 NM from DER, 1553' right of centerline, up to 55' AGL/5485' MSL.
Trees beginning 1.8 NM from DER, 1871' right of centerline, up to 53' AGL/5493' MSL.
Tree 1.9 NM from DER, 1987' right of centerline, 20' AGL/5483' MSL.

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SAFFORD, AZ

SAFFORD RGNL/1LT DUANE SPALSBURY FLD (SAD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 29JUL10 (24137) (FAA)

TAKEOFF MINIMUMS:
Rwys 8, 26, NA - Airspace.
DEPARTURE PROCEDURE:
Rwys 12, 30, use SAFFORD RNAV DEPARTURE.

ST GEORGE, UT

ST GEORGE RGNL (SGU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 26MAY16 (16147) (FAA)

DEPARTURE PROCEDURE:

Use JITKA DEPARTURE.

ST JOHNS, AZ

ST JOHNS INDUSTRIAL AIR PARK (SJN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1B 10NOV16 (23110) (FAA)

TAKEOFF MINIMUMS:

Rwy 21, 700-2¾ or std. w/min. climb of 378' per NM to 6600.

DEPARTURE PROCEDURE:

Rwys 3, 32, climbing right turn.

Rwys 14, 21, climbing left turn.

All aircraft, climb direct SJN VORTAC. Aircraft departing SJN VORTAC R-240 CW to R-080 climb on course. All others continue climb in SJN VORTAC holding pattern (hold NE, right turns, 239° inbound) to cross SJN VORTAC at or above 9000.

TAKEOFF OBSTACLE NOTES:

Rwy 3, sign 15' from DER, 125' left of centerline, 3' AGL/5736' MSL.

Rwy 14, vehicle on road 1' from DER, 113' right of centerline, up to 15' AGL/5750' MSL.

Tree, fence, post, obstruction light on building, ant on building and transmission line tower beginning 27' from DER, 94' left of centerline, up to 5780' MSL.

Airport beacon lighted, tower, pole, windsock, building, obstruction light on building, light pole, transmission light tower and tree, beginning 58' from DER, 88' right of centerline, up to 57' AGL/5793' MSL.

Vehicle on road 67' from DER, crossing centerline, 15' AGL/5752' MSL.

Trees and poles beginning 515' from DER, 73' left of centerline, up to 76' AGL/5784' MSL.

Vehicle on road 559' from DER, crossing centerline, 15' AGL/5762' MSL.

Rwy 32, vehicle on road and generator utility beginning 34' from DER, 3' right of centerline, up to 15' AGL/5745' MSL.

Generator utility 40' from DER, 79' left of centerline, 10' AGL/5736' MSL.

Vehicle on road 102' from DER, crossing centerline, 15' AGL/5741' MSL.

Buildings beginning 201' from DER, 327' left of centerline up to 5743' MSL.

Pole 307' from DER, 570' left of centerline, up to 30' AGL/5757' MSL.

Rwy 21, tree and fence 15' from DER, 248' left of centerline, 5767' MSL.

Trees and buildings beginning 23' from DER, 276' right of centerline, up to 5798' MSL.

Trees beginning 92' from DER, 27' left of centerline, up to 5778' MSL.

Fence beginning 208' from DER, crossing centerline, up to 5738' MSL.

Vehicles on road 265' from DER, crossing centerline, 15' AGL/5756' MSL.

Trees, buildings, signs and poles beginning 285' from DER, 2' right of centerline, up to 5781' MSL.

Trees, buildings, signs and poles beginning 597' from DER, 3' left of centerline, up to 5780' MSL.

Trees, buildings and poles beginning 808' from DER, 10' right of centerline, up to 5833' MSL.

Trees, buildings and poles beginning 867' from DER, 3' left of centerline, up to 5788' MSL.

Trees beginning 1257' from DER, 20' left of centerline, up to 5816' MSL.

Buildings, poles and trees beginning 3704' from DER, 662' right of centerline, up to 5914' MSL.

Poles beginning 3491' from DER, 1293' left of centerline, up to 5872' MSL.

Communications tower 2.2 NM from DER, 1415' left of centerline, 199' AGL/6356' MSL.

Pole 2.2 NM from DER, 1467' left of centerline, 31' AGL/6133' MSL.

SALT LAKE CITY, UT

SALT LAKE CITY INTL (SLC)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 14SEP17 (25191) (FAA)

Rwys 14, 16L/R, 17, 34L/R, 35, heading as assigned by ATC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 11A 17AUG17 (17229) (FAA)

TAKEOFF MINIMUMS:

Rwy 32, 400-1 or std. w/ min. climb of 498' per NM to 4700.

DEPARTURE PROCEDURE:

Rwy 14, climb to 10000 on heading 192° and FFU R-341 to FFU VORTAC before proceeding on course.

Rwy 16R, climb to 10000 on heading 164° and FFU R-341 to FFU VORTAC before proceeding on course.

Rwy 16L, climb to 10000 on heading 164° and FFU R-341 to FFU VORTAC before proceeding on course.

Rwy 17, climb to 10000 on heading 169° and FFU R-341 to FFU VORTAC before proceeding on course.

Rwy 32, climb to 9000 on heading 002° and OGD R-153 to OGD VORTAC before proceeding on course.

Rwy 34L, climb to 9000 on heading 344° and OGD R-153 to OGD VORTAC before proceeding on course.

Rwy 34R, climb to 9000 on heading 344° and OGD R-153 to OGD VORTAC before proceeding on course.

Rwy 35, climb to 9000 on heading 339° and OGD R-153 to OGD VORTAC before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 14, antenna 1349' from DER, 544' left of centerline, 42' AGL/4263' MSL.

Rwy 16L, vehicle on road 124' from DER, 14' right of centerline, 15' AGL/4239' MSL.

Light pole 988' from DER, 726' right of centerline, 34' AGL/4254' MSL.

Pole 1024' from DER, 689' right of centerline, 34' AGL/4254' MSL.

CON'T

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SALT LAKE CITY, UT (CON'T)

SALT LAKE CITY INTL (SLC) (CON'T)

Rwy 17, vehicles on road beginning 335' from DER, on centerline, up to 17' AGL/4241' MSL.
Rwy 32, ATC tower 5,266' from DER, 1767 left of centerline, 335' AGL/4549' MSL.
Crane 5196' from DER, 1630' left of centerline, 240' AGL/4463' MSL.
Flag on OL 5,153' from DER, 1619' left of centerline, 249' AGL/4463' MSL.
Aircraft beginning 969' from DER, 722' left of centerline, up to 79' AGL/4306' MSL.
Rwy 34R, post 13' from DER, 349' right of centerline, 3' AGL/4227' MSL.
Rwy 35, post 56' from DER, 249' left of centerline, 2' AGL/4220' MSL.

SOUTH VALLEY RGNL (SVR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6A 17APR25 (25107) (FAA)

TAKEOFF MINIMUMS:
Rwy 16, std w/min climb of 300'/NM to 10700.
Rwy 34, std w/min climb of 330'/NM to 9000.

DEPARTURE PROCEDURE:
Rwy 16, climbing left turn to 10700 on FFU VORTAC R-341 to FFU VORTAC, continue climb in FFU VORTAC holding pattern (hold S, right turn, 008° inbound) to cross FFU VORTAC at or above MEA/MCA for route of flight.
Rwy 34, climbing right turn to 9000 on TCH VORTAC R-161 to TCH VORTAC, continue climb in TCH VORTAC holding pattern (hold NW, right turn, 120° inbound) to cross TCH VORTAC at or above MEA/MCA for route of flight.

TAKEOFF OBSTACLE NOTES:
Rwy 16, NAVAID abeam DER, 99' right of centerline, 4602' MSL.
Terrain, sign beginning 34' from DER, 207' right of centerline, up to 4606' MSL.
Vehicle on road 83' from DER, 252' left of centerline, 4611' MSL.
Vehicle on road 171' from DER, 132' left of centerline, 4614' MSL.
Pole 551' from DER, 631' right of centerline, 15' AGL/4626' MSL.
Vehicle on road, vegetation beginning 672' from DER, 490' right of centerline, up to 4629' MSL.
Pole 1000' from DER, 638' right of centerline, 4638' MSL.
Pole 1008' from DER, 466' right of centerline, 31' AGL/4640' MSL.
Pole beginning 1092' from DER, 687' right of centerline, up to 31' AGL/4644' MSL.
Rwy 34, NAVAID 10' from DER, 96' left of centerline, 4606' MSL.
NAVAID 10' from DER, 94' right of centerline, 4604' MSL.
Terrain 58' from DER, 424' left of centerline, 4608' MSL.

SCOTTSDALE, AZ

SCOTTSDALE (SDL)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 13NOV14 (14317) (FAA)

Rwy 3, heading as assigned by ATC; requires minimum climb of 445' per NM to 4600.
Rwy 21, heading as assigned by ATC; do not exceed 210 KTS until established on assigned heading.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9 24MAY18 (18144) (FAA)

DEPARTURE PROCEDURE:
Use MARICOPA DEPARTURE.

TAKEOFF OBSTACLE NOTES:
Rwy 3, multiple light standards beginning 63' from DER, 445' left of centerline, up to 44' AGL/1,554 MSL.
Hoist on dike 878' from DER, 735' left of centerline, 51' AGL/1,561' MSL.
Dike beginning 1,066' from DER, 316' left of centerline, 38' AGL/1548' MSL.
Day marker on dike, 1,230' from DER, 5' left of centerline, 39' AGL/1,549' MSL.
Tree 765' from DER,115' left of centerline, 22' AGL/1,532' MSL.
Road beginning 647' from DER, 296' left of centerline, 19' AGL/1,529' MSL.
Fence beginning 5' from DER, 338' right of centerline, 6' AGL/1,511' MSL.
Light standard 1,013' from DER, 430' right of centerline, 44' AGL/1,552' MSL.
Rwy 21, trees 1,072' from DER, 426' right of centerline, 53' AGL/1,497' MSL.
Building 316' from DER, 537' right of centerline, 23' AGL/1,467' MSL.
Tree 2,087' from DER, 418' left of centerline, 61' AGL/1,505' MSL.
Tree 1,432' from DER, 438' right of centerline, 38' AGL/1,482' MSL.
Tree 2,234' from DER, 559' left of centerline, 58' AGL/1,502' MSL.

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SEDONA, AZ

SEDONA (SEZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 15JUN23 (23166) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, NA-Obstacles.

DEPARTURE PROCEDURE:

Rwy 21, use BYTER (RNAV) DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 21, trees, terrain, light poles, vegetation and fence beginning from DER, 94' left of centerline, up to 12' AGL/4758' MSL.
Light poles 9' from DER, 93' right of centerline, 4' AGL/4737' MSL.
Vegetation 16' from DER, 173' right of centerline, 4738' MSL.
Vegetation, trees, fence beginning 19' from DER, 144' left of centerline, up to 4760' MSL.
Pole and vegetation beginning 31' from DER, 130' right of centerline, up to 21' AGL/4743' MSL.

SHOW LOW, AZ

SHOW LOW RGNL (SOW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 19JUL18 (22139) (FAA)

DEPARTURE PROCEDURE:

Rwy 4, climbing left turn heading 360° to 7800 before proceeding on course.
Rwy 7, climbing left turn heading 360° to 8100 before proceeding on course.
Rwy 22, climbing right turn heading 255° to 7700 before proceeding on course.
Rwy 25, climb on heading 246° to 7600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, sign, building, fence, pole beginning 44' from DER, 183' right of centerline, up to 6' AGL/6406' MSL.
Tree 88' from DER, 488' left of centerline, 6411' MSL.
Trees beginning 185' from DER, 428' left of centerline, up to 6417' MSL.
Pole 240' from DER, 222' right of centerline, 16' AGL/6411' MSL.
Rwy 7, general utility 39' from DER, 92' right of centerline, 19' AGL/6402' MSL.
General utility 40' from DER, 88' left of centerline, 20' AGL/6402' MSL.
Rwy 22, tree 94' from DER, 197' left of centerline, 6424' MSL.
Trees beginning 133' from DER, 87' right of centerline, up to 6420' MSL.
Pole 397' from DER, 141' left of centerline, 23' AGL/6426' MSL.
Pole 469' from DER, 166' left of centerline, 27' AGL/6430' MSL.
Building 677' from DER, 423' left of centerline, 24' AGL/6433' MSL.
Elevator, tank, pole beginning 1191' from DER, 5' left of centerline, up to 63' AGL/6496' MSL.
Rwy 25, pole 10' from DER, 29' right of centerline, 18' AGL/6401' MSL.
Pole 640' from DER, 310' right of centerline, 6418' MSL.
Pole 644' from DER, 307' right of centerline, 37' AGL/6419' MSL.
Pole beginning 704' from DER, 677' left of centerline, up to 53' AGL/6437' MSL.
Pole, catenary beginning 726' from DER, 3' left of centerline, up to 54' AGL/6438' MSL.
Pole 760' from DER, 158' right of centerline, 47' AGL/6430' MSL.
Pole 763' from DER, 159' right of centerline, 49' AGL/6432' MSL.
Pole, catenary beginning 764' from DER, 77' right of centerline, up to 54' AGL/6437' MSL.
Pole beginning 842' from DER, 317' right of centerline, up to 57' AGL/6438' MSL.

SILVER SPRINGS, NV

SILVER SPRINGS (SPZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 04NOV21 (21308) (FAA)

TAKEOFF MINIMUMS:

Rwy 24, 2900-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 6, climb heading 056° to intercept HZN R-220 to 8000. Continue climb in HZN VORTAC holding pattern (hold northeast, rt, 211° inbound) to cross HZN VORTAC at or above MEA for route of flight.

VCOA:

Rwy 24, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Silver Springs airport at or above 7000, then proceed on HZN VORTAC R-220 to 8000 to HZN VORTAC.

TAKEOFF OBSTACLE NOTES:

Rwy 6, windsock, sign beginning 29' from DER, 204' left of centerline, up to 23' AGL/4235' MSL.
Rwy 24, terrain 52' from DER, 495' right of centerline, 4267' MSL.
Pole, transmission line beginning 2258' from DER, 938' right of centerline, up to 33' AGL/4324' MSL.
Transmission line, pole beginning 2277' from DER, 883' right of centerline, up to 38' AGL/4328' MSL.

SPANISH FORK, UT

SPANISH FORK MUNI/WOODHOUSE FLD (SPK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 03JAN19 (21112) (FAA)

DEPARTURE PROCEDURE:

Use SPANISH FORK DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 12, lighting 10' from DER, 29' left of centerline, 2' AGL/4530' MSL.
Fence 60' from DER, 481' right of centerline, 4535' MSL.
Building 198' from DER, 449' right of centerline, 12' AGL/4541' MSL.
Sign, building beginning 297' from DER, 461' right of centerline, up to 4552' MSL.
Building 1023' from DER, 600' right of centerline, 4555' MSL.
Tree 1031' from DER, 651' left of centerline, 4563' MSL.
Tree, building beginning 1140' from DER, 503' left of centerline, up to 4565' MSL.
Building 1173' from DER, 560' right of centerline, 4559' MSL.
Building 1434' from DER, 855' right of centerline, 4572' MSL.
Tree 1514' from DER, 742' left of centerline, 4568' MSL.
Pole 1818' from DER, 352' right of centerline, 4576' MSL.
Pole beginning 3232' from DER, 1134' right of centerline, up to 4621' MSL.
Pole, sign beginning 3499' from DER, 801' left of centerline, up to 106' AGL/4673' MSL.
Electrical system 3922' from DER, 628' right of centerline, 4637' MSL.
Pole 4450' from DER, 893' right of centerline, 4649' MSL.
Pole 4709' from DER, 1365' right of centerline, 4662' MSL.
Pole 5162' from DER, 1194' right of centerline, 4664' MSL.
Pole 2 NM from DER, 3639' left of centerline, 4853' MSL.
Rwy 30, lighting 9' from DER, 29' right of centerline, 2' AGL/4525' MSL.
Vegetation 36' from DER, 145' right of centerline, 9' AGL/4527' MSL.
Tree 750' from DER, 557' left of centerline, 4546' MSL.
Pole 1182' from DER, 595' left of centerline, 50' AGL/4570' MSL.
Pole beginning 1479' from DER, 268' left of centerline, up to 60' AGL/4579' MSL.
Tree 1505' from DER, 550' right of centerline, 49' AGL/4565' MSL.

SPRINGERVILLE, AZ

SPRINGERVILLE MUNI (JTC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 02DEC21 (21336) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, std. w/min. climb of 240' per NM to 7800 or 3300-5 for VCOA.
Rwy 11, std. w/min. climb of 440' per NM to 8200 or 3300-5 for VCOA.
Rwy 21, std. w/min. climb of 365' per NM to 8600 or 3300-5 for VCOA.
Rwy 29, 400-2½ or std. w/min. climb of 280' per NM to 7300.

DEPARTURE PROCEDURE:

Rwy 3, climbing left turn to 9100 on heading 360° before proceeding on course.
Rwy 11, climbing left turn to 10500 on heading 360° before proceeding on course.
Rwy 21, climbing right turn to 10300 on heading 360° before proceeding on course.
Rwy 29, climbing right turn to 9100 on heading 360° before proceeding on course.

VCOA:

Rwys 3, 11, 21, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Springerville Muni airport at or above 10400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 11, trees beginning 9' from DER, 12' left of centerline, up to 100' AGL/7121' MSL.
Trees beginning 162' from DER, 8' right of centerline, up to 100' AGL/7125' MSL.
Trees beginning 3240' from DER, 48' right of centerline, up to 100' AGL/7135' MSL.
Trees beginning 3440' from DER, 289' right of centerline, up to 100' AGL/7138' MSL.
Trees beginning 3625' from DER, 135' right of centerline, up to 100' AGL/7148' MSL.
Trees beginning 3825' from DER, 376' right of centerline, up to 100' AGL/7151' MSL.
Trees beginning 4010' from DER, 222' right of centerline, up to 100' AGL/7158' MSL.
Trees beginning 4210' from DER, 463' right of centerline, up to 100' AGL/7161' MSL.
Trees beginning 4395' from DER, 703' right of centerline, up to 100' AGL/7167' MSL.
Trees beginning 4779' from DER, 790' right of centerline, up to 100' AGL/7174' MSL.
Trees beginning 4964' from DER, 1031' right of centerline, up to 100' AGL/7177' MSL.
Trees beginning 5349' from DER, 1512' right of centerline, up to 100' AGL/7184' MSL.
Tree 5734' from DER, 1993' right of centerline, 100' AGL/190' MSL.
Rwy 21, fence beginning 163' from DER, 300' left of centerline, up to 7065' MSL.
Terrain beginning 211' from DER, 391' left of centerline, up to 7066' MSL.
Tree 4771' from DER, 1744' right of centerline, 100' AGL/7184' MSL.
Trees beginning 4776' from DER, 1755' left of centerline, up to 100' AGL/7190' MSL.
Tree 5339' from DER, 1899' right of centerline, 100' AGL/7194' MSL.
Tree 5732' from DER, 1871' right of centerline, 100' AGL/7204' MSL.
Rwy 29, trees beginning 52' from DER, 1' right of centerline, up to 100' AGL/7121' MSL.
Tree 67' from DER, 39' left of centerline, 100' AGL/7121' MSL.
Trees beginning 82' from DER, 18' left of centerline, up to 100' AGL/7125' MSL.
Tree 2822' from DER, 1006' left of centerline, 100' AGL/7128' MSL.
Trees beginning 2942' from DER, 130' left of centerline, up to 7139' MSL.
CON'T

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SPRINGERVILLE, AZ (CON'T)

SPRINGERVILLE MUNI (JTC) (CON'T)

Rwy 29 (CON'T), tree 4191' from DER, 1292' left of centerline, 100' AGL/7141' MSL.
Trees beginning 4299' from DER, 524' right of centerline, up to 100' AGL/7141' MSL.
Tree 4376' from DER, 1052' left of centerline, 100' AGL/7154' MSL.
Trees beginning 4391' from DER, 23' left of centerline, up to 100' AGL/7158' MSL.
Trees beginning 4499' from DER, 370' right of centerline, up to 100' AGL/7151' MSL.
Tree 4560' from DER, 811' left of centerline, 100' AGL/7164' MSL.
Trees beginning 4576' from DER, 176' left of centerline, up to 100' AGL/7181' MSL.
Tree 4683' from DER, 1005' right of centerline, 100' AGL/7158' MSL.
Trees beginning 4699' from DER, 217' right of centerline, up to 100' AGL/7167' MSL.
Tree 4883' from DER, 852' right of centerline, 100' AGL/7181' MSL.
Trees beginning 4899' from DER, 63' right of centerline, up to 100' AGL/7187' MSL.
Trees beginning 5299' from DER, 151' right of centerline, up to 100' AGL/7190' MSL.
Trees beginning 5361' from DER, 2' left of centerline, up to 100' AGL/7200' MSL.
Trees beginning 5561' from DER, 156' left of centerline, up to 100' AGL/7204' MSL.
Trees beginning 5684' from DER, 238' right of centerline, up to 100' AGL/7194' MSL.
Tree 5884' from DER, 84' right of centerline, 100' AGL/7197' MSL.
Trees beginning 5918' from DER, 325' right of centerline, up to 7199' MSL.
Trees beginning 5930' from DER, 68' left of centerline, up to 100' AGL/7207' MSL.
Trees beginning 1 NM from DER, 222' left of centerline, up to 100' AGL/7210' MSL.
Trees beginning 1 NM from DER, 171' right of centerline, up to 100' AGL/7200' MSL.
Trees beginning 1 NM from DER, 375' left of centerline, up to 100' AGL/7213' MSL.
Trees beginning 1 NM from DER, 18' right of centerline, up to 100' AGL/7204' MSL.
Trees beginning 1 NM from DER, 135' left of centerline, up to 100' AGL/7217' MSL.
Trees beginning 1.1 NM from DER, 288' left of centerline, up to 100' AGL/7220' MSL.
Trees beginning 1.1 NM from DER, 442' left of centerline, up to 100' AGL/7223' MSL.
Trees beginning 1.1 NM from DER, 989' left of centerline, up to 100' AGL/7230' MSL.
Tree 1.2 NM from DER, 2479' left of centerline, 100' AGL/7233' MSL.
Tree 2 NM from DER, 1412' right of centerline, 100' AGL/7361' MSL.

TAYLOR, AZ

TAYLOR (TYL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 02DEC21 (21336) (FAA)

TAKEOFF MINIMUMS:

Rwy 21, 300-1 or std. w/min. climb of 260' per NM to 6100, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2100' prior to DER.

TAKEOFF OBSTACLE NOTES:

Rwy 3, buildings beginning 42' from DER, 339' right of centerline, up to 14' AGL/5728' MSL.
Tree 44' from DER, 113' left of centerline, 5723' MSL.
Building 745' from DER, 694' left of centerline, 23' AGL/5739' MSL.
Pole 852' from DER, 705' left of centerline, 24' AGL/5741' MSL.
Power lines crossing departure course 1000' from DER, pole 1309' from DER, 465' left of centerline, 15' AGL/5758' MSL.
Pole 1460' from DER, 597' left of centerline, 42' AGL/5764' MSL.
Rwy 21, utility lights, fence beginning 40' from DER, 113' right of centerline, up to 5' AGL/5828' MSL.
Trees beginning 86' from DER, 316' right of centerline, up to 5835' MSL.
Trees beginning 247' from DER, 268' right of centerline, up to 5836' MSL.
Tree 447' from DER, 248' right of centerline, 5838' MSL.
Trees beginning 552' from DER, 269' right of centerline, up to 5839' MSL.
Pole 1055' from DER, 659' left of centerline, 58' AGL/5874' MSL.
Pole 1170' from DER, 602' right of centerline, 31' AGL/5860' MSL.
Pole 1388' from DER, 479' right of centerline, 31' AGL/5873' MSL.
Pole, trees beginning 1468' from DER, 239' right of centerline, up to 43' AGL/5885' MSL.
Pole 1479' from DER, 544' left of centerline, 55' AGL/5883' MSL.
Poles beginning 1633' from DER, 228' left of centerline, up to 51' AGL/5884' MSL.
Tree 2369' from DER, 974' right of centerline, 5886' MSL.
Trees beginning 2400' from DER, 903' right of centerline, up to 5888' MSL.
Tree 2606' from DER, 1009' right of centerline, 5892' MSL.
Tree 2702' from DER, 983' right of centerline, 5893' MSL.
Terrain, tree beginning 2827' from DER, 1025' right of centerline, up to 5897' MSL.
Trees beginning 3013' from DER, 1028' right of centerline, up to 5904' MSL.
Tree 3120' from DER, 1254' left of centerline, 5910' MSL.
Terrain 3131' from DER, 1291' right of centerline, 5906' MSL.
Vehicles on road, tree beginning 3235' from DER, 607' right of centerline, up to 5923' MSL.
Trees beginning 3653' from DER, 672' right of centerline, up to 5924' MSL.
Tree 3795' from DER, 1387' left of centerline, 5923' MSL.
Vehicles on road, tree, terrain beginning 3820' from DER, 972' right of centerline, up to 5941' MSL.
Trees beginning 3894' from DER, 1148' left of centerline, up to 5928' MSL.
Vehicles on road, trees, terrain beginning 3901' from DER, 621' right of centerline, up to 5945' MSL.
Trees beginning 4009' from DER, 1161' left of centerline, up to 5929' MSL.
Vehicles on road, tree beginning 4039' from DER, 516' right of centerline, up to 5952' MSL.
Trees, terrain beginning 4124' from DER, 1262' left of centerline, up to 5934' MSL.
Vehicles on road, trees, terrain beginning 4126' from DER, 678' right of centerline, up to 5956' MSL.
CON'T

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TAYLOR, AZ (CON'T)

TAYLOR (TYL) (CON'T)

Rwy 21 (CON'T), vehicles on road, terrain, trees beginning 4222' from DER, 635' right of centerline, up to 5959' MSL.
Trees beginning 4358' from DER, 1396' left of centerline, up to 5942' MSL.
Vehicles on road 4447' from DER, 959' right of centerline, 5960' MSL.
Trees beginning 4494' from DER, 1296' left of centerline, up to 5950' MSL.
Vehicles on road, trees beginning 4523' from DER, 545' right of centerline, up to 5965' MSL.
Trees beginning 4643' from DER, 1248' left of centerline, up to 5964' MSL.
Vehicles on road, trees, terrain beginning 4727' from DER, 488' right of centerline, up to 15' AGL/5973' MSL.
Vehicle on road 4837' from DER, 809' right of center line up to 5975' MSL.

TONOPAH, NV

TONOPAH (TPH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 17AUG17 (17229) (FAA)

TAKEOFF MINIMUMS:

Rwys 11, 29, NA - ATC.
Rwy 15, std. with a min. climb of 320' per NM to 9100 or 2500-3 for VCOA.
Rwy 33, std. with a min. climb of 352' per NM to 9100 or 2500-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 15, climbing left turn direct TONOPAH (TPH) VORTAC thence...
Rwy 33, climbing right turn direct TONOPAH (TPH) VORTAC thence...
...continue climb in TPH holding pattern (NE, RT, 246° inbound) to cross TPH VORTAC at or above 9300 before proceeding on course.

VCOA:

Rwy 15, 33, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Tonopah airport at or above 7800 direct TONOPAH VORTAC, continue climb in TPH holding pattern (NE, RT, 246° inbound) to cross TPH VORTAC at or above 9300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 15, transmission line tower 515' from DER, 473' left of centerline, 23' AGL/5418' MSL.
Rwy 33, fence beginning 173' from DER, 401' right of centerline, 6' AGL/5438' MSL.

TONOPAH TEST RANGE (KTNX)

TONOPAH, NV

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 19JUL18 (18200)

DEPARTURE PROCEDURE:

Rwy 14, 1000-3 with min. climb of 320 ft/NM to 10,700 or 2700-3 for Climb in Visual Conditions. Climb on a heading between 325º CW to 155º from DER or Climb in Visual Conditions to cross KZ - KTNX airport at or above 8100 MSL before proceeding on course.
Rwy 32, 1000-3 with min. climb of 260 ft/NM to 5900 or 2700-3 for Climb in Visual Conditions. Climb on a heading between 295º CW to 005º from DER or Climb in Visual Conditions to cross KZ-KTNX airport at or above 8100 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 14, terrain 1204' from DER, 823' right of cntrln, 5582' MSL.
Terrain 63' from DER, 517' right of cntrln, 5565' MSL.
Terrain 46' from DER, 480' right of cntrln, 5564' MSL.
Terrain 0' from DER, 353' right of cntrln, 5561' MSL.
Terrain 62' from DER, 200' right of cntrln, 5558' MSL.
Terrain 14' from DER, 292' right of cntrln, 5561' MSL.
Terrain 0' from DER, 287' right of cntrln, 5561' MSL.
Terrain 0' from DER, 222' right of cntrln, 5559' MSL.
Surveyed terrain 215' from DER, 427' right of cntrln, 5560' MSL.
Rwy 32, terrain 0' from DER, 500' left of cntrln, 5476' MSL.
Terrain 19' from DER, 465' left of cntrln, 5476' MSL.
Terrain 110' from DER, 529' left of cntrln, 5476' MSL.

TOOELE, UT

BOLINDER FLD/TOOELE VALLEY (TVY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 22AUG13 (24305) (FAA)

TAKEOFF MINIMUMS:

Rwy 17, std w/min climb of 348' per NM to 9000 or 5600-3 for climb in visual conditions.
Rwy 35, std w/min climb of 380' per NM to 9000 or 5600-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 17, climbing right turn to 9000 on heading 337° and OGD VORTAC R-197 to STACO INT, or for climb in visual conditions: cross Bolinder Fld/Tooele Valley airport at or above 9800' MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.
Rwy 35, climbing left turn to 9000 on heading 300° and OGD VORTAC R-197 to STACO INT, or for climb in visual conditions: cross Bolinder Fld/Tooele Valley airport at or above 9800' MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.

CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

TOOELE, UT (CON'T)

BOLINDER FLD/TOOELE VALLEY (TVY) (CON'T)

TAKEOFF OBSTACLE NOTES:

Rwy 17, tree 230' from DER, 255' right of centerline, 35' AGL/4335' MSL.
Tree 342' from DER, 363' right of centerline, 35' AGL/4360' MSL.
Trees beginning 601' from DER, 486' right of centerline, up to 35' AGL/4399' MSL.
Pole 1000' from DER, 409' left of centerline, 42' AGL/4363' MSL.
Pole 1092' from DER, 118' right of centerline, 42' AGL/4363' MSL.
Tree 1369' from DER, 393' right of centerline, 35' AGL/4381' MSL.
Tree 2018' from DER, 257' right of centerline, 35' AGL/4384' MSL.

TUCSON, AZ

RYAN FLD (RYN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 29JUL10 (21168) (FAA)

TAKEOFF MINIMUMS:

Rwys 6L, 15, 24R, 33, NA, ATC.

DEPARTURE PROCEDURE:

Rwys 6R, 24L, use ALMON DEPARTURE.

TUCSON INTL (TUS)

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 30NOV23 (23334) (FAA)

Rwy 4, heading as assigned by ATC; requires min climb of 228' per NM to 3000.
Rwy 12, heading as assigned by ATC.
Rwy 22, heading as assigned by ATC.
Rwy 30, heading as assigned by ATC; requires min climb of 328' per NM to 6700.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 30NOV23 (23334) (FAA)

TAKEOFF MINIMUMS:

Rwy 4, 300-2 or std w/min climb of 230'/NM to 3000.

DEPARTURE PROCEDURE:

Rwy 4, climb on heading 036° to 3000 then climbing right turn on heading 172° and TUS R-018 to TUS VORTAC, continue climb in TUS VORTAC holding pattern (hold NW, right turns, 128° inbound) to 9000 before proceeding on course.
Rwy 12, climb on heading 126° to 4000 then climbing left turn direct TUS VORTAC, continue climb in TUS VORTAC holding Pattern (hold NW, right turns, 128° inbound) to 9000 before proceeding on course.
Rwy 22, climb on heading 216° to 3000 then climbing left turn on heading 078° and TUS VORTAC R-227 to TUS VORTAC, continue climb in TUS VORTAC holding pattern (hold NW, right turns, 128° inbound) to 9000 before proceeding on course.
Rwy 30, climbing right turn direct TUS VORTAC, continue climb in TUS VORTAC holding pattern (hold NW, right turns, 128° inbound) to 9000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, light poles beginning 5' from DER, 52' right of centerline, up to 2' AGL/2570' MSL.
Light pole 9' from DER, 149' left of centerline, 4' AGL/2570' MSL.
Light poles, terrain beginning 10' from DER, 149' right of centerline, up to 3' AGL/2571' MSL.
Sign 35' from DER, 445' right of centerline, 3' AGL/2573' MSL.
Signs, utility building beginning 70' from DER, 378' right of centerline, up to 5' AGL/2575' MSL.
Sign 189' from DER, 509' right of centerline, 2578' MSL.
Building 557' from DER, 647' left of centerline, 17' AGL/2583' MSL.
Building, poles beginning 795' from DER, 609' left of centerline, up to 2607' MSL.
Pole, tree beginning 993' from DER, 436' left of centerline, up to 2609' MSL.
Trees, building, pole beginning 1104' from DER, 550' right of centerline, up to 2611' MSL.
Poles, signs, trees beginning 1131' from DER, 133' left of centerline, up to 2611' MSL.
Poles beginning 1475' from DER, 704' right of centerline, up to 35' AGL/2613' MSL.
Pole 1688' from DER, 915' right of centerline, 34' AGL/2617' MSL.
Poles beginning 1691' from DER, 585' right of centerline, up to 38' AGL/2618' MSL.
Pole 1725' from DER, 948' right of centerline, 36' AGL/2620' MSL.
Poles beginning 1749' from DER, 503' right of centerline, up to 2621' MSL.
Tree 1863' from DER, 852' left of centerline, 2628' MSL.
Poles beginning 1886' from DER, 437' right of centerline, up to 2625' MSL.
Tree 1955' from DER, 771' left of centerline, 2630' MSL.
Poles, tree beginning 1991' from DER, 331' right of centerline, up to 2626' MSL.
Poles beginning 2080' from DER, 414' right of centerline, up to 2627' MSL.
Poles beginning 2321' from DER, 560' right of centerline, up to 2632' MSL.
Pole 2397' from DER, 905' right of centerline, 2634' MSL.
Tree 2532' from DER, 715' right of centerline, 2635' MSL.
Pole 2613' from DER, 959' right of centerline, 49' AGL/2642' MSL.
Poles beginning 2668' from DER, 951' right of centerline, up to 55' AGL/2647' MSL.
Tree 3078' from DER, 700' right of centerline, 2650' MSL.
Trees beginning 3095' from DER, 738' right of centerline, up to 2654' MSL.
Tower, antenna, building beginning 3224' from DER, 853' right of centerline, up to 77' AGL/2670' MSL.
Tower 1.5 NM from DER, 1690' left of centerline, 246' AGL/2831' MSL.

CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, AZ (CON'T)

TUCSON INTL (TUS) (CON'T)

Rwy 12, light poles, sign beginning 9' from DER, 150' left of centerline, up to 2' AGL/2645' MSL.
Light pole 10' from DER, 151' right of centerline, 4' AGL/2644' MSL.
Vegetation 36' from DER, 349' right of centerline, 2653' MSL.
Vegetation, utility building beginning 53' from DER, 152' right of centerline, up to 2656' MSL.
Vegetation, pole beginning 100' from DER, 146' left of centerline, up to 2652' MSL.
Vegetation beginning 190' from DER, 355' right of centerline, up to 2657' MSL.
Vegetation 358' from DER, 507' left of centerline, 2655' MSL.
Vegetation 398' from DER, 590' left of centerline, 2657' MSL.
Vegetation beginning 419' from DER, 328' right of centerline, up to 2658' MSL.
Tree, vegetation beginning 445' from DER, 394' left of centerline, up to 2665' MSL.
Vegetation beginning 523' from DER, 347' right of centerline, up to 2661' MSL.
Vegetation beginning 593' from DER, 393' right of centerline, up to 2662' MSL.
Vegetation beginning 631' from DER, 423' right of centerline, up to 2663' MSL.
Tree, vegetation beginning 650' from DER, 411' left of centerline, up to 2668' MSL.
Tree, vegetation beginning 679' from DER, 395' left of centerline, up to 2671' MSL.
Vegetation 742' from DER, 662' right of centerline, 2664' MSL.
Vegetation 832' from DER, 583' right of centerline, 2665' MSL.
Vegetation 841' from DER, 693' right of centerline, 2666' MSL.
Vegetation beginning 892' from DER, 677' right of centerline, up to 2669' MSL.
Trees, vegetation beginning 893' from DER, 412' left of centerline, up to 2674' MSL.
Trees beginning 1046' from DER, 527' left of centerline, up to 2677' MSL.
Tree 1573' from DER, 909' right of centerline, 2684' MSL.
Tree 1708' from DER, 899' right of centerline, 2686' MSL.
Tree 1726' from DER, 705' left of centerline, 2687' MSL.
Tree 1756' from DER, 918' right of centerline, 2690' MSL.
Transmission lines beginning 4721' from DER, 984' left of centerline, up to 66' AGL/2765' MSL.
Transmission line 4969' from DER, 997' left of centerline, 77' AGL/2775' MSL.
Rwy 22, vegetation, light poles beginning 8' from DER, 53' right of centerline, up to 10' AGL/2568' MSL.
Light poles 10' from DER, 51' left of centerline, 2' AGL/2561' MSL.
Tree 30' from DER, 380' right of centerline, 2572' MSL.
Vehicle on road, tree, fence beginning 32' from DER, 324' right of centerline, up to 2580' MSL.
Trees, vegetation, fence beginning 45' from DER, 255' left of centerline, up to 2573' MSL.
Vehicle on road, trees, vegetation, poles beginning 60' from DER, 74' right of centerline, up to 2581' MSL.
Trees beginning 267' from DER, 479' left of centerline, up to 2577' MSL.
Trees, vegetation, vehicle on road, pole beginning 288' from DER, 8' left of centerline, up to 2590' MSL.
Vehicle on road 357' from DER, 140' right of centerline, 2582' MSL.
Pole, trees, vehicle on road beginning 362' from DER, 17' right of centerline, up to 33' AGL/2585' MSL.
Poles, trees, vehicle on road beginning 401' from DER, 42' right of centerline, up to 34' AGL/2586' MSL.
Tree, poles beginning 580' from DER, 35' right of centerline, up to 2600' MSL.
Poles, tree beginning 1029' from DER, 84' left of centerline, up to 46' AGL/2599' MSL.
Pole 1282' from DER, 781' left of centerline, 43' AGL/2602' MSL.
Poles, buildings beginning 1298' from DER, 138' left of centerline, up to 57' AGL/2616' MSL.
Buildings, poles beginning 1301' from DER, 158' right of centerline, up to 2611' MSL.

SW-4, 03 SEP 2026 to 29 OCT 2026

VERNAL, UT

VERNAL RGNL (VEL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 07DEC17 (17341) (FAA)

TAKEOFF MINIMUMS:

Rwy 17, std. w /min. climb of 210' per NM to 6000, or alternatively with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1800' prior to DER or 2200-3 for VCOA.
Rwy 35, std. w/ min. climb of 410' per NM to 7700 or 2200-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 17, climbing left turn direct VEL VOR/DME, thence . . .
Rwy 35, climbing right turn direct VEL VOR/DME, thence . . .
. . . on VEL VOR/DME R-142 to ENSEN INT/VEL 9.7 DME and hold (hold SE, right turn, 322° inbound). Continue Climb-in-hold to the MEA/MCA for route of flight.

VCOA:

Rwys 17, 35, obtain ATC approval for VCOA when requesting IFR clearance: Climb in visual conditions to cross Vernal RGNL Airport at or above 7300, then continue climb on VEL VOR/DME R-142 until reaching the MEA/MCA for route of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 17, terrain beginning 19' from DER, 140' right of centerline, up to 5290' MSL.
Terrain and agricultural equipment beginning 118' from DER, 15' left of centerline, up to 6' AGL/5284' MSL.
Tree 1333' from DER, 295' left of centerline, 5315' MSL.
Tree 1378' from DER, 221' left of centerline, 5317' MSL.
Tree 1456' from DER, 112' left of centerline, 5318' MSL.
Tree 1498' from DER, 32' left of centerline, 5320' MSL.
Poles beginning 1948' from DER, 46' right of centerline, up to 35' AGL/5334' MSL.
Trees beginning 2411' from DER, 19' left of centerline, up to 5370' MSL.
Tree 2439' from DER, 296' right of centerline, 5339' MSL.
Tree 2468' from DER, 288' right of centerline, 5341' MSL.
Trees beginning 2497' from DER, 290' right of centerline, up to 5344' MSL.
CON'T

VERNAL, UT (CON'T)

VERNAL RGNL (VEL) (CON'T)

Rwy 17 (CON'T), trees beginning 2511' from DER, 105' left of centerline, up to 5374' MSL.
Tree 2534' from DER, 361' right of centerline, 5355' MSL.
Tree 2553' from DER, 355' right of centerline, 5362' MSL.
Trees beginning 2573' from DER, 323' right of centerline, up to 5370' MSL.
Trees beginning 4620' from DER, 71' left of centerline, up to 5397' MSL.
Tree 4749' from DER, 184' right of centerline, 5401' MSL.
Tree 4895' from DER, 65' left of centerline, 5403' MSL.
Rwy 35, pole 178' from DER, 153' left of centerline, 5290' MSL.
Tree and pole beginning 934' from DER, 625' right of centerline, up to 5302' MSL.

WENDOVER, UT

WENDOVER (ENV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 31MAR16 (16091) (FAA)

TAKEOFF MINIMUMS:
Rwy 26, std. w/min. climb of 300' per NM to 5900.
Rwy 30, NA-ATC.

DEPARTURE PROCEDURE:
Rwys 8, 12, 26, climbing left turn direct BVL VORTAC, thence…
...continue climb in holding pattern (hold NE, right turns, 253° inbound) to cross BVL VORTAC at/above MEA for route of flight.

TAKEOFF OBSTACLE NOTES:
Rwy 12, bush 92' from DER, 258' left of centerline, 4' AGL/4227' MSL.
Rwy 26, tree 100' from DER, 500' right of centerline, 11' AGL/4240' MSL.
Bush 90' from DER, 278' left of centerline, 4' AGL/4233' MSL.

WILLCOX, AZ

COCHISE COUNTY (P33)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 03NOV22 (22307) (FAA)

DEPARTURE PROCEDURE:
Use COCHISE DEPARTURE (OBSTACLE).

WILLIAMS, AZ

H A CLARK MEML FLD (CMR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05OCT23 (23278) (FAA)

TAKEOFF MINIMUMS:
Rwy 18, std w/min climb of 490' per NM to 9500 or 3400-3 for VCOA.
Rwy 36, std w/min climb of 340' per NM to 7400 or 3400-3 for VCOA.

DEPARTURE PROCEDURE:
Rwy 18, climb on heading 178° to 7100, then climbing left turn on a heading between 360° CW 030° from DER.
Rwy 36, climb on heading 358° to 7700, then climbing left turn on a heading between 250° CW 350° from DER.

VCOA:
Rwys 18, 36, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross H A Clark Meml Fld airport at or above 9900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 18, pole 7' from DER, 37' right of centerline, 6' AGL/6692' MSL.
NAVAID 40' from DER, 124' left of centerline, 9' AGL/6693' MSL.
Terrain 69' from DER, 241' right of centerline, 6693' MSL.
Vegetation 198' from DER, 305' right of centerline, 3' AGL/6696' MSL.
Fence 215' from DER, 556' right of centerline, 8' AGL/6697' MSL.
Tree 306' from DER, 170' left of centerline, 16' AGL/6699' MSL.
Trees beginning 321' from DER, 340' right of centerline, up to 6711' MSL.
Tree 337' from DER, 195' left of centerline, 19' AGL/6700' MSL.
Tree 391' from DER, 175' left of centerline, 19' AGL/6702' MSL.
Trees beginning 444' from DER, 172' left of centerline, up to 6711' MSL.
Trees beginning 494' from DER, 267' right of centerline, up to 6714' MSL.
Trees beginning 604' from DER, 158' left of centerline, up to 6719' MSL.
Tree 635' from DER, 258' right of centerline, 6720' MSL.
Trees beginning 651' from DER, 416' right of centerline, up to 6726' MSL.
Trees beginning 924' from DER, 426' right of centerline, up to 6729' MSL.
Tree 1069' from DER, 387' left of centerline, 6725' MSL.
Trees beginning 1192' from DER, 127' left of centerline, up to 6733' MSL.
Tree 1255' from DER, 95' right of centerline, 29' AGL/6731' MSL.
Tree 1259' from DER, 613' right of centerline, 6734' MSL.
Trees beginning 1275' from DER, 246' right of centerline, up to 6736' MSL.
Tree 1411' from DER, 265' left of centerline, 41' AGL/6737' MSL.
Trees beginning 1428' from DER, 113' right of centerline, up to 39' AGL/6744' MSL.
Trees beginning 1452' from DER, 158' left of centerline, up to 40' AGL/6738' MSL.
CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

WILLIAMS, AZ (CON'T)

H A CLARK MEML FLD (CMR) (CON'T)

Rwy 18 (CON'T), trees beginning 1483' from DER, 7' right of centerline, up to 41' AGL/6745' MSL.
Tree 1575' from DER, 215' left of centerline, 41' AGL/6740' MSL.
Trees beginning 1619' from DER, 3' left of centerline, up to 52' AGL/6752' MSL.
Tree 2322' from DER, 360' right of centerline, 6752' MSL.
Tree 2485' from DER, 706' right of centerline, 6756' MSL.
Tree 3128' from DER, 1202' right of centerline, 6770' MSL.
Tree 3389' from DER, 255' right of centerline, 43' AGL/6777' MSL.
Tree 3493' from DER, 809' right of centerline, 6779' MSL.
Trees beginning 3571' from DER, 312' right of centerline, up to 6785' MSL.
Trees beginning 3630' from DER, 383' right of centerline, up to 25' AGL/6792' MSL.
Trees beginning 3671' from DER, 230' right of centerline, up to 6811' MSL.
Trees beginning 4165' from DER, 407' left of centerline, up to 64' AGL/6799' MSL.
Tree 4201' from DER, 742' left of centerline, 6806' MSL.
Tree 4954' from DER, 781' left of centerline, 6821' MSL.
Tree 5223' from DER, 1377' left of centerline, 6841' MSL.
Tree 1 NM from DER, 810' left of centerline, 6860' MSL.
Tree 1.1 NM from DER, 2194' right of centerline, 6865' MSL.
Tree 1.1 NM from DER, 2128' right of centerline, 6873' MSL.
Trees beginning 1.1 NM from DER, 2138' right of centerline, up to 6886' MSL.
Trees beginning 1.1 NM from DER, 1975' right of centerline, up to 6887' MSL.
Trees beginning 1.1 NM from DER, 2078' right of centerline, up to 6898' MSL.
Trees beginning 1.2 NM from DER, 1525' right of centerline, up to 6913' MSL.
Trees beginning 1.2 NM from DER, 1865' right of centerline, up to 6933' MSL.
Trees beginning 1.2 NM from DER, 1139' right of centerline, up to 6963' MSL.
Trees beginning 1.2 NM from DER, 1009' right of centerline, up to 6966' MSL.
Trees beginning 1.2 NM from DER, 1710' right of centerline, up to 6973' MSL.
Trees beginning 1.2 NM from DER, 1580' right of centerline, up to 6980' MSL.
Tree 1.2 NM from DER, 2039' right of centerline, 6986' MSL.
Tree, terrain beginning 1.2 NM from DER, 1309' right of centerline, up to 7007' MSL.
Trees beginning 1.3 NM from DER, 1013' right of centerline, up to 7030' MSL.
Tree 1.3 NM from DER, 1992' right of centerline, 7040' MSL.
Trees beginning 1.3 NM from DER, 903' right of centerline, up to 7055' MSL.
Trees beginning 1.3 NM from DER, 1023' right of centerline, up to 7067' MSL.
Trees beginning 1.3 NM from DER, 1128' right of centerline, up to 7073' MSL.
Trees beginning 1.3 NM from DER, 1540' right of centerline, up to 7100' MSL.
Trees beginning 1.3 NM from DER, 891' right of centerline, up to 7156' MSL.
Tree, terrain beginning 1.3 NM from DER, 1104' right of centerline, up to 7160' MSL.
Tree, terrain beginning 1.3 NM from DER, 1' right of centerline, up to 56' AGL/7193' MSL.
Tree 1.3 NM from DER, 577' left of centerline, 6898' MSL.
Trees beginning 1.3 NM from DER, 81' left of centerline, up to 6912' MSL.
Trees beginning 1.4 NM from DER, 233' left of centerline, up to 6929' MSL.
Trees beginning 1.4 NM from DER, 121' left of centerline, up to 6934' MSL.
Trees beginning 1.4 NM from DER, 194' left of centerline, up to 6940' MSL.
Trees beginning 1.4 NM from DER, 68' left of centerline, up to 6956' MSL.
Tree, terrain beginning 1.4 NM from DER, 22' left of centerline, up to 6960' MSL.
Tree, terrain beginning 1.5 NM from DER, 11' left of centerline, up to 6966' MSL.
Trees beginning 1.5 NM from DER, 16' left of centerline, up to 46' AGL/6977' MSL.
Tree 1.9 NM from DER, 3407' right of centerline, 6992' MSL.
Rwy 36, light poles 7' from DER, 36' left of centerline, 2' AGL/6632' MSL.
Trees beginning 10' from DER, 368' left of centerline, up to 6640' MSL.
Trees beginning 72' from DER, 177' left of centerline, up to 18' AGL/6645' MSL.
Trees beginning 114' from DER, 289' right of centerline, up to 6642' MSL.
Trees beginning 400' from DER, 410' right of centerline, up to 6645' MSL.
Trees beginning 2 NM from DER, 2541' left of centerline, up to 7011' MSL.
Trees beginning 2 NM from DER, 2885' left of centerline, up to 7104' MSL.
Tree 2.1 NM from DER, 3044' left of centerline, 13' AGL/7146' MSL.
Tree 2.1 NM from DER, 3577' left of centerline, 16' AGL/7164' MSL.
Antenna, trees beginning 2.1 NM from DER, 2316' left of centerline, up to 20' AGL/7179' MSL.
Building, tree beginning 2.5 NM from DER, 1502' left of centerline, up to 15' AGL/7203' MSL.

WINDOW ROCK, AZ

WINDOW ROCK (RQE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05DEC19 (19339) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, 800-3 w/min. climb of 385' per NM to 8100 or std. w/min. climb of 565' per NM to 7700 or 1600-3 for VCOA.
Rwy 21, std. w/min. climb of 285' per NM to 8100 or 1600-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 3, climb on heading 025° to 7500, then right turn to intercept GUP VORTAC R-321 to GUP VORTAC before proceeding on course.
Rwy 21, climb on heading 205° to 7400 then left turn direct GUP VORTAC before proceeding on course.

CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

WINDOW ROCK, AZ (CON'T)

WINDOW ROCK (RQE) (CON'T)

VCOA:

Rwys 3, 21, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Window Rock Airport at or above 8200 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, vegetation beginning 32' from DER, 73' left of centerline, up to 6745' MSL.
Building 416' from DER, 609' right of centerline, 19' AGL/6766' MSL.
Poles beginning 477' from DER, 344' right of centerline, up to 33' AGL/6772' MSL.
Tree, pole beginning 1336' from DER, 114' left of centerline, up to 6796' MSL.
Sign 1380' from DER, 109' right of centerline, 29' AGL/6777' MSL.
Pole 1448' from DER, 291' right of centerline, 39' AGL/6788' MSL.
Tree 1586' from DER, 392' left of centerline, 6806' MSL.
Sign, pole beginning 1774' from DER, 225' right of centerline, up to 52' AGL/6805' MSL.
Pole 1868' from DER, 746' left of centerline, 38' AGL/6823' MSL.
Pole 3038' from DER, 91' right of centerline, 40' AGL/6824' MSL.
Pole 3356' from DER, 457' left of centerline, 31' AGL/6840' MSL.
Tree 3532' from DER, 613' left of centerline, 6850' MSL.
Tree 3801' from DER, 682' left of centerline, 6871' MSL.
Vertical structure, poles beginning 3832' from DER, 57' right of centerline, up to 6926' MSL.
Pole 4044' from DER, 310' left of centerline, 44' AGL/6874' MSL.
Tree 4616' from DER, 625' left of centerline, 6888' MSL.
Vertical structure 5938' from DER, 147' right of centerline, 7024' MSL.
Pole, vertical structures, towers beginning 1 NM from DER, 59' left of centerline, up to 6' AGL/7083' MSL.
Tower, tree beginning 1.1 NM from DER, 102' right of centerline, up to 103' AGL/7096' MSL.
Trees beginning 1.3 NM from DER, 2063' right of centerline, up to 50' AGL/7309' MSL.
Vertical structures beginning 1.4 NM from DER, 1852' left of centerline, up to 7127' MSL.
Trees beginning 1.4 NM from DER, 121' right of centerline, up to 50' AGL/7369' MSL.
Vertical structure, tree beginning 1.5 NM from DER, 628' left of centerline, up to 50' AGL/7139' MSL.
Trees beginning 1.6 NM from DER, 875' right of centerline, up to 50' AGL/7375' MSL.
Tree 1.8 NM from DER, 357' left of centerline, 50' AGL/7351' MSL.
Tree 1.9 NM from DER, 77' left of centerline, 50' AGL/7369' MSL.
Tree 2.1 NM from DER, 26' left of centerline, 50' AGL/7429' MSL.
Tree 2.4 NM from DER, 2921' right of centerline, 50' AGL/7449' MSL.
Rwy 21, tree 955' from DER, 382' left of centerline, 6736' MSL.
Tree 1018' from DER, 620' left of centerline, 6768' MSL.

WINNEMUCCA, NV

WINNEMUCCA MUNI (WMC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 05OCT23 (23278) (FAA)

DEPARTURE PROCEDURE:

Use FESKO (RNAV) DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 2, trees, NAVAID beginning 3' from DER, 113' right of centerline, up to 4356' MSL.
NAVAID 39' from DER, 118'left of centerline, 8' AGL/4311' MSL.
Tree 81' from DER, 402' right of centerline, 4357' MSL.
Trees, vehicles on road beginning 98' from DER, 166' right of centerline, up to 4373' MSL.
Tree 1177' from DER, 576' left of centerline, 4346' MSL.
Tree 1265' from DER, 763' left of centerline, 4349' MSL.
Tree 1404' from DER, 647' left of centerline, 4360' MSL.
Rwy 14, pole 1' from DER, 24' left of centerline, 4304' MSL.
NAVAID 40' from DER, 126' left of centerline, 4305' MSL.
Vehicles on road, vegetation, trees beginning 121' from DER, 328' left of centerline, up to 4319' MSL.
Tree 178' from DER, 438' right of centerline, 4310' MSL.
Vehicles on road beginning 259' from DER, 406' left of centerline, up to 4321' MSL.
Rwy 20, tree 26' from DER, 406' right of centerline, 4306' MSL.
Pole 65' from DER, 385' left of centerline, 8' AGL/4311' MSL.
Tree 129' from DER, 192' right of centerline, 4308' MSL.
Rwy 32, NAVAID 39' from DER, 123' left of centerline, 3' AGL/4303' MSL.
Vegetation 77' from DER, 351' left of centerline, 4304' MSL.
Tree 166' from DER, 478' right of centerline, 4306' MSL.
Vehicles on road beginning 184' from DER, 405' left of centerline, up to 4314' MSL.
Vehicles on road beginning 273' from DER, 267' right of centerline, up to 4316' MSL.

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WINSLOW, AZ

WINSLOW-LINDBERGH RGNL (INW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 11DEC14 (14345) (FAA)

DEPARTURE PROCEDURE:

Rwy 22, climb to 6000, then right turn direct INW VORTAC and hold, thence . . .
Rwy 4, climb to 6000, then left turn direct INW VORTAC and hold, thence . . .
Rwys 11, 29, climb to 6000, then direct INW VORTAC and hold, thence . . .
. . . continue climb-in-hold (hold West, right turns, 068° inbound) to 8900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 11, vehicle on road beginning 389' from DER, 329' right of centerline, 15' AGL/4894' MSL.
Trees beginning 120' from DER, 398' right of centerline, 100' AGL/4901' MSL.
Tank 3681' from DER, 1304' right of centerline, 129' AGL/5014' MSL.
Grain silo 2901' from DER, 25' right of centerline, up to 4957' MSL.
Obstruction light on hopper 2908' from DER, 27' right of centerline, up to 4955' MSL.
Chimney 2899' from DER, 28' right of centerline, up to 4953' MSL.
Light support structure 13' from DER, 55' left of centerline, up to 4871' MSL.
Light support structure 13' from DER, 56' right of centerline, up to 4871' MSL.
Vertical point 234' from DER, 14' left of centerline, up to 4876' MSL.
Rwy 29, tree 332' from DER, 589' left of centerline 100' AGL/4915' MSL.
Trees beginning 385' from DER, 124' right of centerline, 100' AGL/4923' MSL.
Vehicle on road beginning 31' from DER, 389' right of centerline 15' AGL/4920' MSL.
REIL abeam DER, 139' left of centerline, up to 4904' MSL.
Bush 38' from DER, 179' right of centerline, up to 4903' MSL.
Pole 2132' from DER, 1052' right of centerline, up to 4956' MSL.
Vertical point 241' from DER, 318' right of centerline, up to 4907' MSL.
Ground 71' from DER, 456' left of centerline, up to 4902' MSL.
Rwy 4, light 4' from DER, 425' left of centerline, up to 4920' MSL.
Obstruction light on lighted windsock 12' from DER, 424' left of centerline, up to 4918' MSL.
Tree 34' from DER, 263' left of centerline, 100' AGL/4901' MSL.
Tower 2740' from DER, 1086' left of centerline, up to 4968' MSL.
Ground 42' from DER, 455' left of centerline, up to 4892' MSL.
Rwy 22, poles beginning 1575' from DER, 360' right of centerline, up to 5010' MSL.
Antenna 1867' from DER 360' right of centerline up to 5019' MSL.
Vehicle on road beginning 198' from DER, 12' right of centerline, 15' AGL/4994' MSL.
Vehicle on road beginning 499' from DER, 93' left of centerline, 15' AGL/4962' MSL.
Tree 1746' from DER, 581' right of centerline, 100' AGL/4993' MSL.
Vertical point 31' from DER, 479' left of centerline, up to 4946' MSL.
Building 525' from DER, 528' right of centerline, up to 4956' MSL.
Light support structures 10' from DER, 54' right of centerline, up to 4942' MSL.

YERINGTON, NV

YERINGTON MUNI (O43)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05SEP24 (24249) (FAA)

DEPARTURE PROCEDURE:

Use YERINGTON (OBSTACLE) (RNAV) DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 2, pole, vertical point, terrain beginning 15' from DER, 104' right of centerline, up to 6' AGL/4377' MSL.
Trees, NAVAID beginning 54' from DER, 198' right of centerline, up to 22' AGL/4391' MSL.
Vehicles on road beginning 106' from DER, 161' left of centerline, up to 4388' MSL.
Trees beginning 363' from DER, 307' right of centerline, up to 25' AGL/4395' MSL.
Trees beginning 445' from DER, 523' right of centerline, up to 4430' MSL.
Tree 519' from DER, 476' right of centerline, 4436' MSL.
Tree 543' from DER, 641' left of centerline, 45' AGL/4415' MSL.
Tree 816' from DER, 330' right of centerline, 4441' MSL.
Trees beginning 1795' from DER, 87' right of centerline, up to 4450' MSL.
Tree 2561' from DER, 798' right of centerline, 85' AGL/4454' MSL.
Rwy 20, terrain 3' from DER, 241' left of centerline, 4382' MSL.
Poles, trees, fence, vehicle on road beginning 56' from DER, 433' left of centerline, up to 44' AGL/4421' MSL.
Tree 58' from DER, 48' right of centerline, 4382' MSL.
Pole, wind indicator, NAVAID, building, terrain, fences, vehicles on road, tank, tree beginning 91' from DER, 72' right of centerline, up to 34' AGL/4415' MSL.
Building, poles, trees, vehicles on road beginning 368' from DER, 241' left of centerline, up to 44' AGL/4430' MSL.
Tree 734' from DER, 477' right of centerline, 57' AGL/4436' MSL.
Antenna, tower, poles, trees, building beginning 755' from DER, 40' left of centerline, up to 73' AGL/4457' MSL.
Trees, buildings, poles beginning 876' from DER, 63' right of centerline, up to 59' AGL/4439' MSL.
Tower 1361' from DER, 505' left of centerline, 81' AGL/4461' MSL.
Antennas, building, poles, trees beginning 1361' from DER, 233' left of centerline, up to 82' AGL/4464' MSL.
Towers, trees beginning 2023' from DER, 33' left of centerline, up to 90' AGL/4473' MSL.
Antenna 2473' from DER, 756' left of centerline, 124' AGL/4508' MSL.
Tree 2481' from DER, 39' right of centerline, 62' AGL/4445' MSL.
Towers, trees beginning 2489' from DER, 70' left of centerline, up to 127' AGL/4511' MSL.
Tree 2561' from DER, 187' right of centerline, 4455' MSL.
CON'T

SW-4, 03 SEP 2026 to 29 OCT 2026

YERINGTON, NV (CON'T)

YERINGTON MUNI (O43) (CON'T)

Rwy 20 (CON'T), tree 2608' from DER, 222' right of centerline, 73' AGL/4456' MSL.
Tree 3020' from DER, 192' right of centerline, 4458' MSL.
Terrain beginning 1.8 NM from DER, 3194' right of centerline, up to 4674' MSL.
Terrain beginning 1.9 NM from DER, 2711' right of centerline, up to 4684' MSL.
Trees 2.1 NM from DER, 4018' right of centerline, 100' AGL/4769' MSL.
Trees beginning 2.2 NM from DER, 4075' right of centerline, up to 100' AGL/4772' MSL.

YUMA MCAS/YUMA INTL (KNYL)

YUMA, AZ

DIVERSE VECTOR AREA (RADAR VECTORS)
ORIG 22JAN26 (26022) (USN)
Rwys 3L/R, 8, 21L/R, 26, hdg as assigned by ATC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 22JAN26 (26022) (USN)
DEPARTURE PROCEDURE:
Rwys 3L/R, 8, 21L/R, 26, use BARD ONE DEPARTURE (OBSTACLE).
TAKEOFF OBSTACLE NOTES:
Rwy 3L, tree 4185' from DER, 1016' left of centerline, 91' AGL/304' MSL.
Twr 5273' from DER, 1538' left of centerline, 335' MSL.
Rwy 3R, tree 1134' from DER, 792' left of centerline, 36' AGL/250' MSL.
Tree 1184' from DER, 742' left of centerline, 41' AGL/255' MSL.
Rwy 8, security antenna 1135' from DER, 806' right of centerline, 32' AGL/242' MSL.
Rwy 21L, terrain 0' from DER, 500' right of centerline, 190' MSL.
Terrain 0' from DER, 500' left of centerline, 190' MSL.
PAR antenna 661' from DER, 295' right of centerline, 214' MSL.
TACAN antenna 705' from DER, 286' left of centerline, 220' MSL.
Rwy 21R, terrain 0' from DER, 500' left of centerline, 197' MSL.
Rwy 26, metal pole 74' from DER, 244' right of centerline, 199' MSL.
Tree 577' from DER, 604' right of centerline, 44' AGL/239' MSL.

SW-4, 03 SEP 2026 to 29 OCT 2026

IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability. ⚠NA designation on the approach chart means that pilots may not use that approach as an alternate due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Approaches with the ⚠NA designation are not listed in this section. ⚠ designation on the approach chart indicates that the approach procedure has non-standard minimums (for aircraft other than helicopters) or restrictions (for all users) for its use as an alternate. A procedure is not authorized for alternate flight planning purposes when local weather is not available.

MILITARY USERS NOTE: For IFR alternate airport and minima planning, refer to appropriate service directives.

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	**600-2**	**800-2**
⚠Non-Standard or restrictions	As indicated below	As indicated below
Helicopters	For the selected approach: Ceiling: 200' above published ceiling Visibility: the greater of 1 SM visibility or the published visibility	

Note: For alternate airport flight planning purposes, precision approach operations include: ILS, PAR, and GLS, and Non-Precision approach operations include: NDB, VOR, LOC, TACAN, LDA, ASR, RNAV (GPS) and RNAV (RNP).

NAME — ALTERNATE MINIMUMS

BATTLE MOUNTAIN, NV
BATTLE MOUNTAIN (BAM)……..**RNAV (GPS) Rwy 4[12]**
RNAV (GPS) Rwy 22[3]
VOR Rwy 4[1]
[1]NA when local weather not available.
[2]Cat A, B 1000-2, Cat C 1000-2¾.
[3]Cat D 1000-3.

BEAVER, UT
BEAVER MUNI (U52)……**RNAV (GPS)-A**
Cat A, B 1300-2, Cat C 1800-3.

BLANDING, UT
BLANDING MUNI (BDG)…….**RNAV (GPS) Rwy 35**
NA when local weather not available.
Cat C 900-2¾.

BOULDER CITY, NV
BOULDER CITY MUNI (BVU)……**RNAV (GPS) Rwy 27**
Cat B 1200-2, Cat C 1800-3.

BUCKEYE, AZ
BUCKEYE MUNI (BXK)……...**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

NAME — ALTERNATE MINIMUMS

BULLHEAD CITY, AZ
LAUGHLIN/BULLHEAD INTL (IFP)……**RNAV (GPS) Rwy 16[12]**
RNAV (GPS) Rwy 34[3]
VOR Rwy 34[4]
[1]NA when local weather not available.
[2]Cat A 800-2½, Cat B 900-2½, Cat C 1100-3, Cat D 1700-3.
[3]Cat A, B 1100-2, Cat C 1100-3, Cat D 1700-3.
[4]Cat A, B 2200-2, Cat C, D 2200-3.

CARSON CITY, NV
CARSON CITY (CXP)…….....….**RNAV (GPS)-B**
Cat A, B 1700-2, Cat C 1700-3, Cat D 3000-3.

CASA GRANDE, AZ
CASA GRANDE MUNI (CGZ)…….....….**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23[1]
Cat D 800-2½.
[1]NA when local weather not available.

CEDAR CITY, UT
CEDAR CITY RGNL (CDC)….**RNAV (GPS) Rwy 2[1]**
RNAV (GPS) Rwy 20
VOR Rwy 20[2]
NA when local weather not available.
[1]Cat A, B, C, D 900-2½.
[2]Cat D 800-2¼.

NAME ALTERNATE MINIMUMS

COLORADO CITY, AZ

COLORADO CITY MUNI (AZC)..... **RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 29
Cat C, D 2100-3.

COOLIDGE, AZ

COOLIDGE MUNI (P08)..... **RNAV (GPS) Rwy 23**
VOR Rwy 5
NA when local weather not available.

DOUGLAS BISBEE, AZ

BISBEE DOUGLAS INTL (DUG)..... **RNAV (GPS) Rwy 17**[1]
VOR/DME Rwy 17[1]
VOR Rwy 17[2]
[1]Cat D 1100-3.
[2]Cat C 800-2½, Cat D 1100-3.

ELKO, NV

ELKO RGNL (EKO)..... **LDA/DME Rwy 24**[1]
RNAV (GPS) Rwy 6[2]
RNAV (GPS) Rwy 24[2]
[1]Cat B 1000-2, Cat C 1500-3, Cat D 1900-3.
[2]Cat A, B 1200-2, Cat C 1500-3, Cat D 1900-3.

ELY, NV

ELY/YELLAND FLD (ELY).... **RNAV (GPS) Rwy 18**[1]
VOR-C[2]
NA when local weather not available.
[1]Cat A, B, C 1100-4, Cat D 2000-4.
[2]Cat A, B 1900-2, Cat C 1900-3, Cat D 2000-3.

EUREKA, NV

EUREKA (05U)..... **RNAV (GPS) Rwy 18**
Cat A, B,C, D 2000-6.

FILLMORE, UT

FILLMORE MUNI (FOM)..... **RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
NA when local weather not available.
Cat C 1300-3.

FLAGSTAFF, AZ

FLAGSTAFF PULLIAM (FLG)..... **ILS or LOC Rwy 21**[1]
RNAV (GPS) Rwy 3[2]
RNAV (GPS) Rwy 21[2]
[1]ILS, LOC Cat C 1100-3, Cat D 1600-3.
[2]Cat C 1100-3, Cat D 1600-3.

NAME ALTERNATE MINIMUMS

FORT HUACHUCA SIERRA VISTA, AZ

SIERRA VISTA MUNI-LIBBY AAF (FHU)..... **ILS or LOC Rwy 26**[1]
RNAV (GPS) Rwy 8[1]
RNAV (GPS) Rwy 26[1]
TACAN Rwy 8[23]
TACAN Rwy 26[23]
VOR Rwy 26[1]
[1]NA when control tower closed.
[2]NA when local weather not available.
[3]NA when GCA closed.

GLENDALE, AZ

GLENDALE RGNL (GEU)..... **RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19
NA when local weather not available.

GRAND CANYON, AZ

GRAND CANYON NTL PARK (GCN)..... **ILS or LOC Rwy 3**[12]
RNAV (GPS) Rwy 3[3]
VOR Rwy 3[4]
[1]NA when control tower closed.
[2]ILS Cat C 700-2, Cat D 1100-3; LOC Cat D 1100-3.
[3]Cat C 800-3, Cat D 1100-3.
[4]Cat D 1100-3.

HAWTHORNE, NV

HAWTHORNE INDUSTRIAL (HTH)..... **RNAV (GPS) Rwy 28**
Cat C 1500-3.

HEBER, UT

HEBER VALLEY (HCR)..... **RNAV (GPS)-A**
Cat A, B 2400-2, Cat C 2400-3.

KANAB, UT

KANAB MUNI (KNB)..... **RNAV (GPS) Rwy 1**
Cat B 1300-2, Cat C 1600-3.

KINGMAN, AZ

KINGMAN (IGM)..... **RNAV (GPS) Rwy 3**[1]
RNAV (GPS) Y Rwy 21[1]
VOR/DME Rwy 21[2]
[1]Cat C, D 1000-3.
[2]Cat C 1000-3, Cat D 1900-3.

LAKE HAVASU CITY, AZ

LAKE HAVASU CITY (HII).... **RNAV (GPS) Rwy 14**[1]
RNAV (GPS) Rwy 32[2]
VOR-A[3]
NA when local weather not available.
[1]Cat A, B 1600-2, Cat C, D 1600-3.
[2]Cat A, B 900-2, Cat C 1100-3, Cat D 1400-3.
[3]Cat A, B 1100-2, Cat C 1100-3, Cat D 1400-3.

SW-4, 03 SEP 2026 to 29 OCT 2026

NAME ALTERNATE MINIMUMS

LAS VEGAS, NV

HARRY REID INTL (LAS)…….**ILS or LOC Rwy 1L[1]**
ILS Y or LOC Y Rwy 26L[1]
ILS Y or LOC Y Rwy 26R[1]
ILS Z or LOC Z Rwy 26L[2]
ILS Z or LOC Z Rwy 26R[2]
RNAV (GPS) Rwy 1R[3]
RNAV (GPS) Y Rwy 19L[3]
RNAV (GPS) Y Rwy 19R[3]
VOR Rwy 26L/R[3]
VOR/DME-A[4]

[1]LOC Cat A, B 900-2, Cat C 1000-2¾, Cat D 1400-3.
[2]LOC Cat A, B 900-2, Cat C 1000-2¾, Cat D, E 1400-3.
[3]Cat A, B 900-2, Cat C 1000-2¾, Cat D 1400-3.
[4]Cat A, B 900-2, Cat C, D 1100-3.

HENDERSON EXEC (HND)…….**RNAV (GPS)-B[1]**
VOR-C[2]

NA when local weather not available.
[1]Cat A, B 1400-2, Cat C 1400-3.
[2]Cat A, B 2400-2, Cat C 2400-3.

NORTH LAS
VEGAS (VGT)……..……**ILS or LOC Rwy 12L[1]**
RNAV (GPS) Rwy 12R[2]

NA when local weather not available.
[1]NA when control tower closed.
[2]Cat D 1400-3.

LOGAN, UT

LOGAN-CACHE (LGU)…….…**RNAV (GPS) Rwy 17**
NA when local weather not available.
Cat A, B 1400-2, Cat C, D 1400-3.

LOVELOCK, NV

DERBY FLD (LOL)……..…...**RNAV (GPS) Rwy 2[1]**
RNAV (GPS) Rwy 20[1]
VOR-A[2]

[1]Cat D 800-2½.
[2]Cat A, B 900-2, Cat C 900-2¾, Cat D 1000-3.

MANILA, UT

MANILA (40U)……..**RNAV (GPS) Rwy 25**
Cat A 1000-2, Cat B 1100-2.

MANTI, UT

SANPETE COUNTY
RGNL (41U)……**RNAV (GPS) Rwy 3**
Cat C 800-2¼, Cat D 2200-3.

MARANA, AZ

MARANA RGNL (AVQ)…….....**RNAV (GPS)-E**
NA when local weather not available.
Cat C 800-2¼.

NAME ALTERNATE MINIMUMS

MESA, AZ

FALCON FLD (FFZ)…..……**RNAV (GPS) Rwy 4L**
RNAV (GPS) Rwy 4R
RNAV (GPS)-B

NA when local weather not available.

MILFORD, UT

MILFORD MUNI/BEN AND JUDY BRISCOE
FLD (MLF)…….....……**RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
VOR/DME-A[1]

NA when local weather not available.
[1]Cat C 1300-3, Cat D 1500-3.

MINDEN, NV

MINDEN-TAHOE (MEV)…...**RNAV (GPS) Rwy 16[1]**
RNAV (GPS) Rwy 34[2]

[1]Cat A, B, C 1500-5, Cat D 1800-5.
[2]Cat A, B 1000-2½, Cat C 1200-3.

MOAB, UT

CANYONLANDS
RGNL (CNY)…….…**RNAV (GPS) Rwy 3**
VOR-A

Cat C 1100-3, Cat D 1700-3.

NEPHI, UT

NEPHI MUNI (U14)……..**RNAV (GPS) Rwy 17[1]**
RNAV (GPS) Rwy 35[2]

NA when local weather not available.
[1]Cat A, B, C, D 800-2½.
[2]Cat A, B 1000-2, Cat C, D 1000-3.

NOGALES, AZ

NOGALES INTL (OLS)…….....**RNAV (GPS)-A[1]**
VOR-B[2]

[1]Cat A, B 2600-2, Cat C 2600-3, Cat D 2900-3.
[2]Cat A, B 2700-2, Cat C 2700-3, Cat D 2900-3.

OGDEN, UT

OGDEN-HINCKLEY (OGD)…..**ILS or LOC Rwy 3[12]**
RNAV (GPS) Rwy 3[34]
VOR-A[34]

[1]NA when control tower closed.
[2]LOC Cat D 800-2¼.
[3]NA when local weather not available.
[4]Cat D 800-2¼.

OWYHEE, NV

OWYHEE (10U)……..…**RNAV (GPS) Rwy 5**
Cat D 1500-3.

PANGUITCH, UT

PANGUITCH MUNI (U55)…...**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36[1]

NA when local weather not available.
[1]Cat A, B 1200-2.

SW-4, 03 SEP 2026 to 29 OCT 2026

NAME — ALTERNATE MINIMUMS

PAYSON, AZ
PAYSON (PAN)……..…..**RNAV (GPS) Rwy 24**
Cat D 1000-3.

PHOENIX, AZ
MESA GATEWAY (IWA)….**ILS or LOC Rwy 30C**[123]
RNAV (GPS) Rwy 12C[4]
RNAV (GPS) Rwy 12R[15]
RNAV (GPS) Rwy 30L[14]
RNAV (GPS) Rwy 30R[1]
RNAV (GPS) Y Rwy 30C[14]
VOR or TACAN Rwy 30C[14]
[1]NA when local weather not available.
[2]NA when control tower closed.
[3]ILS Cat E 700-2¼; LOC Cat E 800-2¼.
[4]Cat E 800-2¼.
[5]Cat E 1100-3.

PHOENIX DEER
VALLEY (DVT)..……...……**RNAV (GPS)-B**[1]
RNAV (GPS) Rwy 7R[2]
RNAV (GPS) Rwy 25L[2]
NA when local weather not available.
[1]Cat A, B 1000-2, Cat C 1200-3.
[2]Cat A, B 1000-2, Cat C 1200-3, Cat D 1300-3.

PHOENIX SKY HARBOR
INTL (PHX)……**ILS or LOC/DME Rwy 7L**[1]
ILS or LOC Rwy 7R[1]
ILS or LOC Rwy 8[1]
ILS or LOC Rwy 25L[1]
ILS or LOC Rwy 26[1]
RNAV (GPS) Y Rwy 7L[2]
RNAV (GPS) Y Rwy 7R[2]
RNAV (GPS) Y Rwy 8[3]
RNAV (GPS) Y Rwy 25L[3]
RNAV (GPS) Y Rwy 25R[2]
RNAV (GPS) Y Rwy 26[3]
[1]LOC Cat C 1000-2¾, Cat D 1500-3.
[2]Cat C 1000-2¾, Cat D 1500-3.
[3]Cat C 1000-2¾, Cat D 1300-3.

PRESCOTT, AZ
PRESCOTT RGNL/ERNEST A LOVE
FLD (PRC)..……..……**ILS or LOC/DME Rwy 21L**[12]
RNAV (GPS) Y Rwy 3R[3]
RNAV (GPS) Rwy 12[3]
RNAV (GPS) Rwy 21L[3]
VOR Rwy 12[4]
[1]NA when control tower closed.
[2]ILS Cat B 700-2, Cat C 1100-3, Cat D 1700-3; LOC Cat C 1100-3, Cat D 1700-3.
[3]Cat C 1100-3, Cat D 1700-3.
[4]Cat C 1100-3.

PRICE, UT
CARBON COUNTY RGNL/BUCK DAVIS
FLD (PUC)……..……**RNAV (GPS) Rwy 1**
Cat B 1000-2, Cat C 1200-3.

NAME — ALTERNATE MINIMUMS

PROVO, UT
PROVO MUNI (PVU)……..**ILS or LOC Rwy 13**[12]
RNAV (GPS) Rwy 13[3]
[1]NA when control tower closed.
[2]LOC Cat D 800-2½.
[3]Cat D 800-2½.

RENO, NV
RENO/TAHOE
INTL (RNO)……..……**ILS or LOC Rwy 35L**[1]
ILS X or LOC X Rwy 17R[2]
ILS Y Rwy 17R[3]
ILS Z or LOC Z Rwy 17R[2]
LOC Y Rwy 17R[4]
RNAV (GPS) X Rwy 17L[5]
RNAV (GPS) X Rwy 17R[6]
RNAV (GPS) X Rwy 35L[7]
RNAV (GPS) X Rwy 35R[7]
RNAV (RNP) W Rwy 35L[8]
RNAV (RNP) W Rwy 35R[8]
RNAV (RNP) Z Rwy 35L[8]
RNAV (RNP) Z Rwy 35R[8]
TACAN-F[9]
VOR-D[a]
[1]ILS Cat A, B, C 700-2; LOC Cat A, B 1000-2, Cat C 2100-3.
[2]ILS Cat A, B, C, D 800-2; LOC Cat A, B 1100-2, Cat C, D 2100-3.
[3]Cat A, B, C, D, E 1500-5.
[4]Cat A, B 1600-2, Cat C, D 2100-3, Cat E 2300-3.
[5]Cat A, B 1000-2, Cat C, D 2100-3.
[6]Cat A, B 1800-2, Cat C, D 1800-3.
[7]Cat A, B 1200-4, Cat C, D 2100-4.
[8]Cat A, B, C, D 1000-2½.
[9]Cat A, B 1900-2, Cat C, D, E 2100-3.
[a]Cat A, B 1900-2, Cat C, D 2100-3.

SALT LAKE CITY, UT
SOUTH VALLEY
RGNL (SVR)..……..……**RNAV (GPS) Rwy 34**
NA when local weather not available.
Cat C 1200-3, Cat D 1500-3.

SAFFORD, AZ
SAFFORD RGNL/1LT DUANE
SPALSBURY FLD (SAD)…….**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30
NA when local weather not available.
Cat D 800-2¼.

ST GEORGE, UT
ST GEORGE RGNL (SGU)…..**RNAV (GPS) Rwy 1**[1]
RNAV (GPS) Rwy 19[2]
[1]Cat A 900-2, Cat B 1000-2, Cat C 1000-3.
[2]Cat A, B 1100-2, Cat C 1100-3, Cat D 1800-3.

ST JOHNS, AZ
ST JOHNS INDUSTRIAL
AIR PARK (SJN)……..**RNAV (GPS) Rwy 14**
NA when local weather not available.

NAME ALTERNATE MINIMUMS

SCOTTSDALE, AZ
SCOTTSDALE (SDL)……..**RNAV (GPS)-D**[1]
RNAV (GPS)-E[1]
VOR/DME-A[2]
NA when local weather not available.
[1]Cat C 1000-2¾, Cat D 1800-3.
[2]Cat A, B 900-2, Cat C 1000-2¾, Cat D 1800-3.

SEDONA, AZ
SEDONA (SEZ)…..……**RNAV (GPS) Rwy 3**
Cat A 900-2, Cat B 1100-2, Cat C 2300-3, Cat D 1900-3.

SHOW LOW, AZ
SHOW LOW RGNL (SOW)….**RNAV (GPS) Rwy 25**
NA when local weather not available.
Cat C 800-2¼, Cat D 1000-3.

TONOPAH, NV
TONOPAH (TPH)..……**VOR-A**
Cat A, B 1300-2, Cat C, D 1300-3.

TOOELE, UT
BOLINDER FLD/TOOELE
VALLEY (TVY)……..…..**ILS or LOC Rwy 17**[1]
RNAV (GPS) Rwy 17[2]
NA when local weather not available.
[1]LOC Cat C 800-2¼, Cat D 1100-3.
[2]Cat C 800-2¼, Cat D 1100-3.

TUCSON, AZ
RYAN FLD (RYN)……..…**RNAV (GPS) Rwy 6R**
Cat D 1000-3.

TUCSON INTL (TUS)……**ILS or LOC Rwy 12**[1]
RNAV (GPS) Rwy 4[2]
RNAV (GPS) Rwy 22[3]
RNAV (GPS) Z Rwy 12[4]
RNAV (GPS) Z Rwy 30[4]
VOR or TACAN Rwy 12[5]
VOR or TACAN Rwy 30[6]
[1]LOC Cat A, B 900-2, Cat C 900-2¾, Cat D 1000-3, Cat E 1300-3.
[2]Cat A, B, C 800-2½, Cat D 1100-3.
[3]Cat D 1100-3.
[4]Cat D 1000-3.
[5]Cat D 1000-3, Cat E 1300-3.
[6]Cat D 1100-3, Cat E 1300-3.

VERNAL, UT
VERNAL RGNL (VEL)……**RNAV (GPS) Y Rwy 35**[1]
RNAV (GPS) Z Rwy 35[2]
VOR Rwy 35[3]
NA when local weather not available.
[1]Cat A, B 1200-2, Cat C, D 1200-3.
[2]Cat A, B, C, D 1000-2½.
[3]Cat A, B 900-2, Cat C 900-2¾, Cat D 1200-3.

NAME ALTERNATE MINIMUMS

WENDOVER, UT
WENDOVER (ENV)……..……**RNAV (GPS)-A**[34]
RNAV (GPS)-C[45]
VOR/DME-B[1]
VOR/DME or TACAN Rwy 26[2]
[1]Cat A, B 1300-2, Cat C 1300-3, Cat D, E 1500-3.
[2]Cat D 900-2¾, Cat E 1500-3.
[3]Cat A, B 1900-2, Cat C, D, E 1900-3.
[4]NA when local weather not available.
[5]Cat A, B 1800-2, Cat C, D, E 1800-3.

WILLCOX, AZ
COCHISE COUNTY (P33)……**RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21
NA when local weather not available.

WILLIAMS, AZ
H A CLARK
MEML FLD (CMR)……..…**RNAV (GPS) Rwy 18**
Cat A, B 900-2, Cat C, D 1400-3.

WINDOW ROCK, AZ
WINDOW ROCK (RQE)…..…..**RNAV (GPS) Rwy 3**[1]
RNAV (GPS)-B[2]
NA when local weather not available.
[1]Cat A, B 1000-2, Cat C 1100-3.
[2]Cat A, B 1000-2, Cat C 1100-3, Cat D 1400-3.

WINNEMUCCA, NV
WINNEMUCCA
MUNI (WMC)……**RNAV (GPS) Rwy 14**[1]
RNAV (GPS) Rwy 32
NA when local weather not available.
[1]Cat C 800-2¼, Cat D 800-2½.

WINSLOW, AZ
WINSLOW-LINDBERGH
RGNL (INW)…….....……**VOR or GPS Rwy 11**
Cat D 800-2½.

FALLON NAS (VAN VOORHIS FLD) (KNFL)

Fallon, NV Amdt 6 02OCT25 (25275) (USN) ELEV **3935**

RADAR[1] **- (E)** 120.85x 121.875x 257.65x 277.4x 308.4x 346.4x 360.2x

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	7	3.0°/50/931	ABCDE	**4130**-¾	200	(200-¾)
	13L	3.0°/50/954	ABCDE	**4135**-¾	200	(200-¾)
	13R	3.0°/50/958	ABCDE	**4135**-¾	200	(200-¾)
	31L[2]	3.5°/57/934	ABCDE	**4197**-⅞	270	(300-⅞)
	31R	3.5°/57/925	ABCDE	**4198**-⅞	270	(300-⅞)
ASR	31L[3]		ABCDE	**4280**-1	353	(400-1)
	31R[4]		ABCDE	**4300**-1	372	(400-1)
	13L[5]		AB	**4380**-1	445	(500-1)
			CDE	**4380**-1⅜	445	(500-1⅜)
	13R[6]		AB	**4380**-1	445	(500-1)
			CDE	**4380**-1⅜	445	(500-1⅜)
	7		AB	**4440**-1	510	(600-1)
			CDE	**4440**-1⅜	510	(600-1⅜)
CIR	13L/R, 31L/R		A	**4400**-1	465	(500-1)
			B	**4440**-1	505	(600-1)
			C	**4780**-2½	845	(900-2½)
			D	**5120**-3	1185	(1200-3)
			E	**5160**-3	1225	(1300-3)
	7		AB	**4400**-1	505	(600-1)
			C	**4780**-2½	845	(900-2½)
			D	**5120**-3	1185	(1200-3)
			E	**5160**-3	1225	(1300-3)

CAUTION: ATC Missed Approach Minimum Climb Rate to 6500

	Rwy	Knots	60	120	180	240	300	360
PAR/ASR	7	FPM	370	740	1110	1480	1850	2220
	13L/R	FPM	300	600	900	1200	1500	1800

[1]No-NOTAM MP sked: PAR-2200-0000Z++ Thu, ASR-1500-1700Z++ Wed, when ceil-vis 3000-5 and above.
[2]VGSI and PAR glidepath not coincident (VGSI Angle 3.50/TCH 61).
[3]Step Down Fix 3 NM 4980'.
[4]Step Down Fix 3 NM 4940'.
[5]Step Down Fix 3 NM 4960'.
[6]Step Down Fix 2 NM 4600'.
CAUTION: Fallon Muni Airport (uncontrolled) 5 NM NW pattern altitude 800' AGL.

YUMA MCAS/YUMA INTL (KNYL)

Yuma, AZ Amdt 2 22JAN26 (26022) (USN) ELEV **213**

RADAR - (E) 120.9x 124.15x 125.55x 125.95x 254.0x 270.8x 278.7x 286.0x 301.2x 305.2x

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	21R[1]	3.0°/54/1073	ABCDE	**393**-½	200	(200-½)
	3L	3.0°/54/1021	ABCDE	**395**-¾	200	(200-¾)
PAR W/O GS	21R[2]		AB	**600**-½	407	(400-½)
			CDE	**600**-¾	407	(400-¾)
	3L		AB	**640**-1	445	(500-1)
			CDE	**640**-1⅜	445	(500-1⅜)
ASR	21R[3]		AB	**620**-½	427	(500-½)
			CDE	**620**-¾	427	(500-¾)
	3R		AB	**600**-1	412	(400-1)
			CDE	**600**-1⅛	412	(400-1⅛)
	21L		AB	**620**-1	412	(500-1)
			CDE	**620**-1⅛	412	(500-1⅛)
	3L		AB	**640**-1	445	(500-1)
			CDE	**640**-1⅜	445	(500-1⅜)
CIR	ALL RWY		A	**680**-1	467	(500-1)
			B	**860**-1¾	647	(700-1¾)
			C	**860**-2	647	(700-2)
			DE	**860**-2¼	647	(700-2¼)

[1]When ALS inop, increase vis to ¾ mile. TCH (54) not coincident with VGSI TCH (50).
[2]When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1⅛ miles.
[3]When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1¼ miles.

SW-4, 03 SEP 2026 to 29 OCT 2026

25275

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.

CITY/AIRPORT	LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
LAS VEGAS, NV			
HARRY REID INTL (LAS)	19R	08L-26R	8,215 feet
OGDEN, UT			
OGDEN-HINCKLEY (OGD)	21	17-35	4,600 feet
PRESCOTT, AZ			
PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)	21L	12-30	5,904 feet

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

25275

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*
CHANDLER, AZ		
CHANDLER MUNI (CHD)	HS 1	Rwy 22R may be used as an alternate taxi route.
LAS VEGAS, NV		
HENDERSON EXEC (HND)	HS 1	Twy H, Twy G, and Rwy 17R.
	HS 2	Twy E and ramp area. High volume of traffic.
LAS VEGAS, NV		
HARRY REID INTL (LAS)	HS 1	Departure runway misalignment risk. Rwy 1L at Rwy 8L, Intersecting runways in close proximity to connecting taxiway. Aircraft cleared onto Rwy 8L from Twy H3 turn too far left, incorrectly lining up for Rwy 1L. Check heading indicator for correct runway alignment.
LAS VEGAS, NV		
NORTH LAS VEGAS (VGT)	HS 1	Runway Incursion Risk. Rwy 07 Holding Position Markings at Twy F and Twy G. Close proximity to ramp and run-up area. Pilots assigned Rwy 07 or instructed to hold short cross the holding position markings without authorization.
	HS 2	Runway Incursion Risk. Rwy 12R Holding Position Markings at Twy G. Pilots instructed to cross Rwy 07 and hold short of Rwy 12R cross the holding position markings without authorization.
	HS 3	Runway incursion risk. When taxiing to Rwy 12R-30L at Twy A via Twy R, the Runway Holding Position Marking for Rwy 12R-30L is encountered immediately.
	HS 4	Runway Incursion and Wrong Surface Departure Risk. Rwy 12L at Twy A. Inline taxiway from Twy A to threshold. Pilots cross Rwy 12L approach hold markings without authorization, or incorrectly depart on Twy A.
MINDEN, NV		
MINDEN-TAHOE (MEV)	HS 1	Complex int.
	HS 2	Frequent crossings for sailplane operations.
OGDEN, UT		
OGDEN-HINCKLEY (OGD)	HS 1	Confusing twy int in close proximity to rwy.
PHOENIX, AZ		
PHOENIX DEER VALLEY (DVT)	HS 1	Inadvertent Rwy 07R-25L crossings from Twy B5.
PHOENIX, AZ		
PHOENIX SKY HARBOR INTL (PHX)	HS 1	Pilots sometimes mistake Twy F for Rwy 07L or Rwy 07R.
	HS 2	Pilots sometimes cross Rwy 07L-25R at Twy F8, Twy F9, or Twy F10, without authorization.
PRESCOTT, AZ		
PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)	HS 1	Not visible from the twr.

(SEE CONTINUATION PAGE FOR MORE LISTINGS)

SW-4, 03 SEP 2026 to 29 OCT 2026

26134

HOT SPOTS

(CONTINUED)

CITY/AIRPORT	HOT SPOT	DESCRIPTION*
SALT LAKE CITY, UT		
SALT LAKE CITY INTL (SLC)	HS 1	Wrong Rwy Departure Risk. Hold lines for Rwy 32 and Rwy 35 are at the same location at Twy K1 and Twy M with short taxi distance to either rwy.
	HS 2	High risk of Rwy incursion at Rwy 14-32 on Twy Q due to short taxi distance between rwys.
	HS 3	Twy A4 or Twy A5 at Twy A or Twy B mistakenly enter Rwy 16R-34L.
TUCSON, AZ		
RYAN FLD (RYN)	HS 1	Rwy 33 and Rwy 06R, Twy B.
TUCSON, AZ		
TUCSON INTL (TUS)	HS 1	Pilots taxiing to Rwy 12 via Twy D for departure sometimes cross the rwy holding position markings without authorization.

*See appropriate Chart Supplement HOT SPOT table for additional information.

26134

SW-4, 03 SEP 2026 to 29 OCT 2026

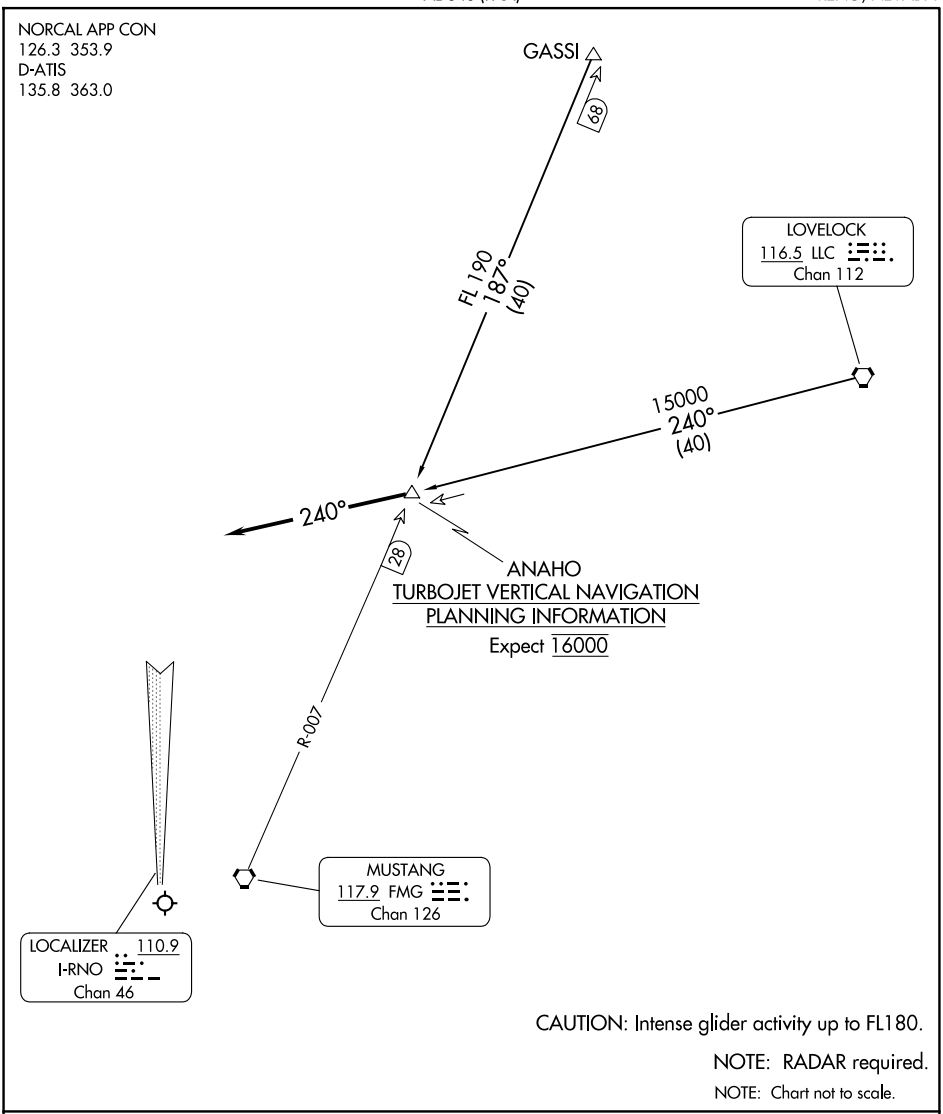
SW-4, 03 SEP 2026 to 29 OCT 2026

(ANAHO.ANAHO2) 24081

ANAHO TWO ARRIVAL

AL-346 (FAA)

RENO/TAHOE INTL (RNO)
RENO, NEVADA



ARRIVAL ROUTE DESCRIPTION

GASSI TRANSITION (GASSI.ANAHO2): From over GASSI via FMG R-007 to ANAHO INT/DME. Thence. . . .

LOVELOCK TRANSITION (LLC.ANAHO2): From over LLC VORTAC via LLC R-240 to ANAHO INT/DME. Thence. . . .

. . . .Depart ANAHO INT/DME heading 240° for vectors to final approach course.

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ARLIN FOUR ARRIVAL

(ARLIN.ARLIN4) 27APR17

(ARLIN.ARLIN4) 26246

ARLIN FOUR ARRIVAL

PHOENIX, ARIZONA

PHOENIX, ARIZONA

AL-322 (FAA)

Z2

ARRIVAL ROUTE DESCRIPTION

BLYTHE TRANSITION (BLH.ARLIN4): From over BLH VORTAC on BLH R-089 and IWA R-256 to ARLIN INT. Thence. . . .

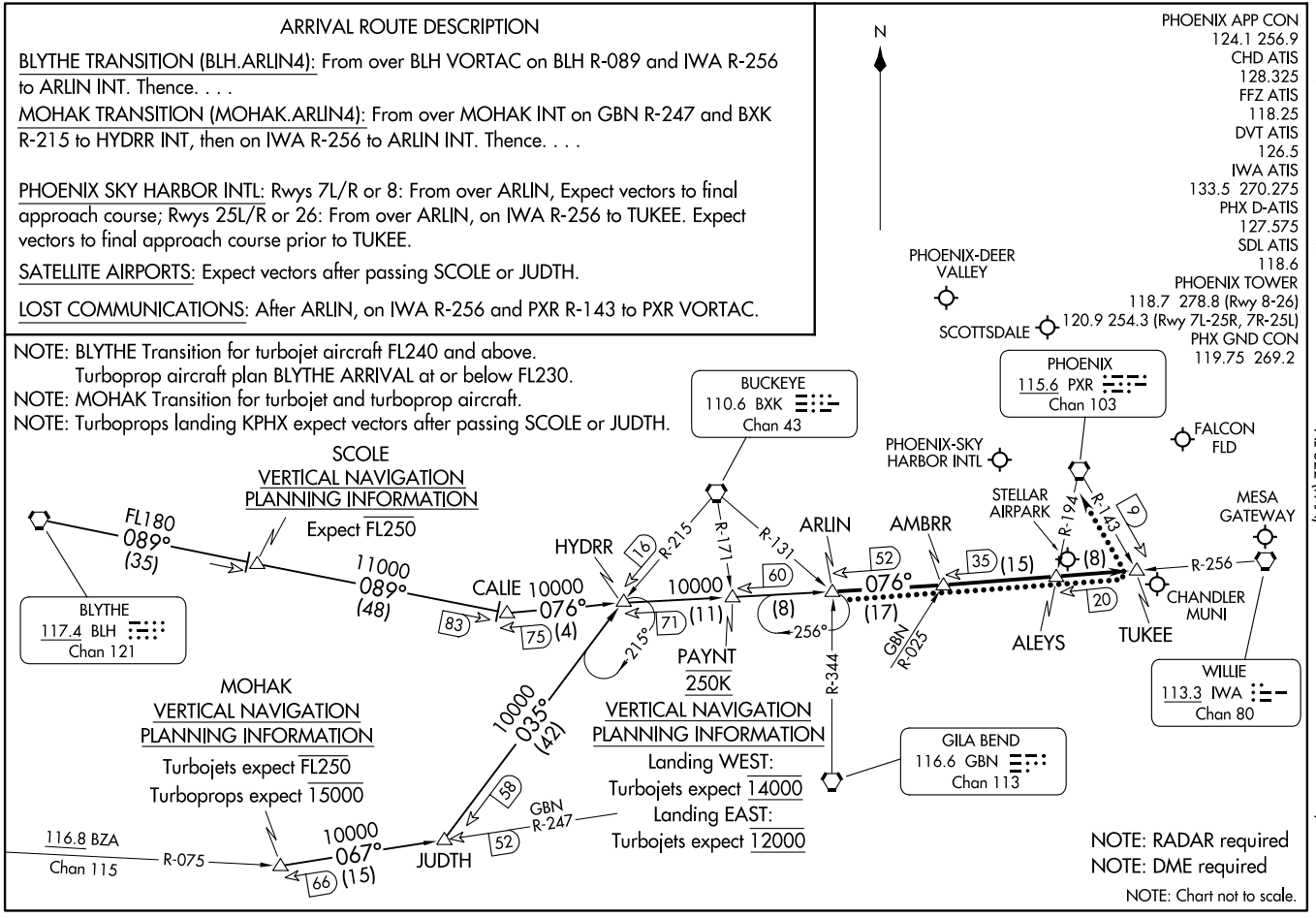
MOHAK TRANSITION (MOHAK.ARLIN4): From over MOHAK INT on GBN R-247 and BXK R-215 to HYDRR INT, then on IWA R-256 to ARLIN INT. Thence. . . .

PHOENIX SKY HARBOR INTL: Rwys 7L/R or 8: From over ARLIN, Expect vectors to final approach course; Rwys 25L/R or 26: From over ARLIN, on IWA R-256 to TUKEE. Expect vectors to final approach course prior to TUKEE.

SATELLITE AIRPORTS: Expect vectors after passing SCOLE or JUDTH.

LOST COMMUNICATIONS: After ARLIN, on IWA R-256 and PXR R-143 to PXR VORTAC.

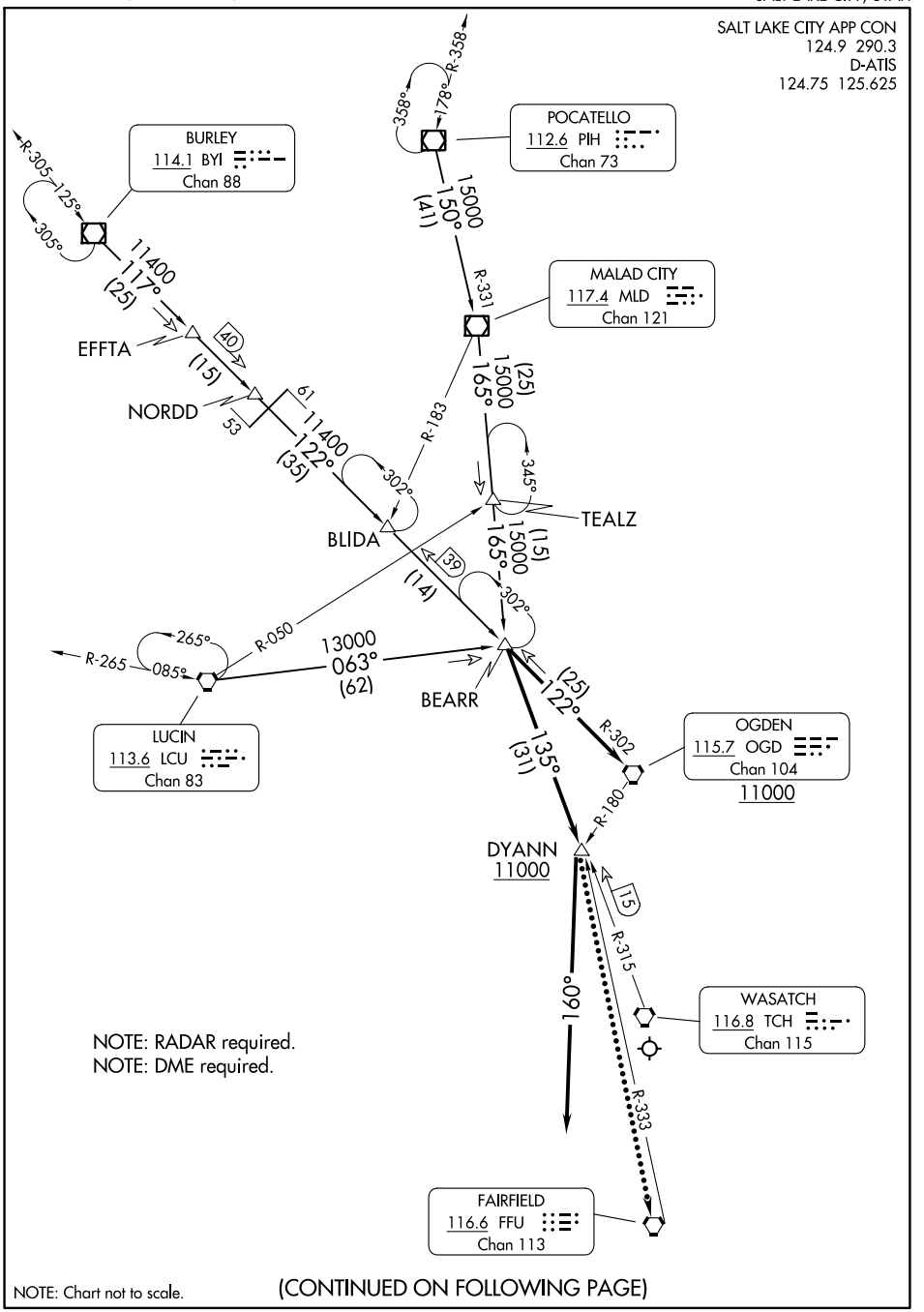
NOTE: BLYTHE Transition for turbojet aircraft FL240 and above.
Turboprop aircraft plan BLYTHE ARRIVAL at or below FL230.
NOTE: MOHAK Transition for turbojet and turboprop aircraft.
NOTE: Turboprops landing KPHX expect vectors after passing SCOLE or JUDTH.



(BEARR.BEARR5) 26246 AL-365 (FAA)

BEARR FIVE ARRIVAL

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH



(CONTINUED ON FOLLOWING PAGE)

BEARR FIVE ARRIVAL
(BEARR.BEARR5) 12OCT17

SALT LAKE CITY, UTAH
SALT LAKE CITY INTL (SLC)

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

BURLEY TRANSITION (BYI.BEARR5): From over BYI VOR/DME on BYI R-117 and OGD R-302 to BEARR. Thence . . . .
LUCIN TRANSITION (LCU.BEARR5): From over LCU VORTAC on LCU R-063 to BEARR. Thence . . . .
POCATELLO TRANSITION (PIH.BEARR5): From over PIH VOR/DME on PIH R-150 and MLD R-331 to MLD VOR/DME, then on MLD R-165 to BEARR. Thence . . . .

LANDING NORTH:
. . . .on TCH VORTAC R-315 to cross DYANN at or above 11000. After DYANN fly heading 160° for vectors to ILS or LOC RWY 34L or VISUAL RWY 34L approach.

LANDING SOUTH:
. . . .on OGD VORTAC R-302 to cross OGD at or above 11000. Expect ILS or LOC RWY 16L approach.

LOST COMMUNICATIONS
LANDING NORTH: In the event of lost communications, at DYANN proceed direct FFU VORTAC. Maintain 13000 until FFU VORTAC.

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BLAID TWO ARRIVAL
(AALAN.BLAID2) 25JAN24

LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

LAS VEGAS APP CON
119.775 282.2
D-ATIS
132.4
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)

ENOCH
117.3 EHK
Chan 120

BRYCE CANYON
112.8 BCE
Chan 75

PAGE
116.45 PGA
Chan 111(Y)

MORMON MESA
113.1 MMM
Chan 78

BOULDER CITY
116.7 BLD
Chan 114

N

FL190 *11600 186° (62)

FL190 *11600 214° (79)

FL190 *11600 254° (101)

70

67

35

R-069

FL190 *9500 217° (23)

HOLDM

58

217° (19)

AALAN

39

217° (15)

CHOWW
15000 250K

24

BLAID
12000

Ldg KLAS

R-037

150°

330°

R-150

NOTE: Chart not to scale.

NOTE: RADAR required.
NOTE: Jet aircraft only.
NOTE: DME required.

ARRIVAL ROUTE DESCRIPTION

BRYCE CANYON TRANSITION (BCE.BLAID2): From over BCE VORTAC on BCE R-214 and BLD R-037 to AALAN, thence. . . .

ENOCH TRANSITION (EHK.BLAID2): From over EHK VOR/DME on EHK R-186 and BLD R-037 to AALAN, thence. . . .

PAGE TRANSITION (PGA.BLAID2): From over PGA VOR/DME on PGA R-254 and MMM R-069 to HOLDM, then on BLD R-037 to AALAN, thence. . . .

. . . .from over AALAN on BLD R-037 to cross CHOWW at 15000 and BLAID at 12000. Expect RADAR vectors to final aproach course.

LOST COMMUNICATIONS: After BLAID proceed to BLD VORTAC and hold. Maintain 8000 or last assigned altitude whichever is higher.

(AALAN.BLAID2) 26246
BLAID TWO ARRIVAL
HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

AL-662 (FAA)

Z5

BLYTHE FIVE ARRIVAL
(BLH.BLH5) 27APR17

(BLH.BLH5) 26246
BLYTHE FIVE ARRIVAL

PHOENIX, ARIZONA

PHOENIX, ARIZONA

Z6

AL-322 (FAA)

ARRIVAL ROUTE DESCRIPTION

BLYTHE TRANSITION (BLH.BLH5): From over BLH VORTAC on BLH R-082 to SALOM, then on GBN R-285 and IWA R-256 to ARLIN. Thence . . . .

PHOENIX SKY HARBOR INTL: Rwys 7L/R or 8: From over ARLIN, expect vectors to final approach course; Rwys 25L/R or 26: From over ARLIN, on IWA R-256 to TUKEE. Expect vectors to final approach course prior to TUKEE.

SATELLITE AIRPORTS: Expect vectors after passing SALOM.

LOST COMMUNICATIONS: After ARLIN, on IWA R-256 and PXR R-143 to PXR VORTAC.

PHOENIX APP CON
124.1 256.9
CHD ATIS
128.325
FFZ ATIS
118.25
DVT ATIS
126.5
IWA ATIS
133.5 270.275
PHX D-ATIS
127.575
SDL ATIS
118.6
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwy 7L-25R, 7R-25L)
PHX GND CON
119.75 269.2

N

PHOENIX-DEER VALLEY

SCOTTSDALE

PHOENIX
115.6 PXR
Chan 103

FALCON FLD

PHOENIX-SKY HARBOR INTL

STELLAR AIRPARK

MESA GATEWAY

CHANDLER MUNI

WILLIE
113.3 IWA
Chan 80

BLYTHE
117.4 BLH
Chan 121

BUCKEYE
110.6 BXK
Chan 43

SALOM
VERTICAL NAVIGATION
PLANNING INFORMATION
Turboprop expect 17000
Turboprop landing KPHX expect vectors after SALOM.

10000
082°
(44)

10000
105°
(31)

SADLL

85
10000
076°
(14)

39
R-285
GBN

HYDRR

16
R-215

R-171

R-131

ARLIN

AMBRR

52
076°
(17)

60
10000
(11)

71
035°
215°

(8)
256°

PAYNT
Turbojets: 250K
VERTICAL NAVIGATION
PLANNING INFORMATION
Landing WEST:
Turbojets: Expect 14000
Landing EAST:
Turbojets: Expect 12000

R-194

R-143

6

TUKEE

R-256

35
(15)
(8)

20

ALEYS

R-344

R-025

R-025

BARD
116.8 BZA
Chan 115

GILA BEND
116.6 GBN
Chan 113

NOTE: BLYTHE ARRIVAL for aircraft FL 230 or below.
NOTE: RADAR required

NOTE: Chart not to scale.

BOEGY TWO ARRIVAL (RNAV)

(BOEGY.BOEGY2) 27JAN22

LAS VEGAS, NEVADA

HENDERSON EXEC (HND)

(BOEGY.BOEGY2) 22027

BOEGY TWO ARRIVAL (RNAV)

AL-6514 (FAA)

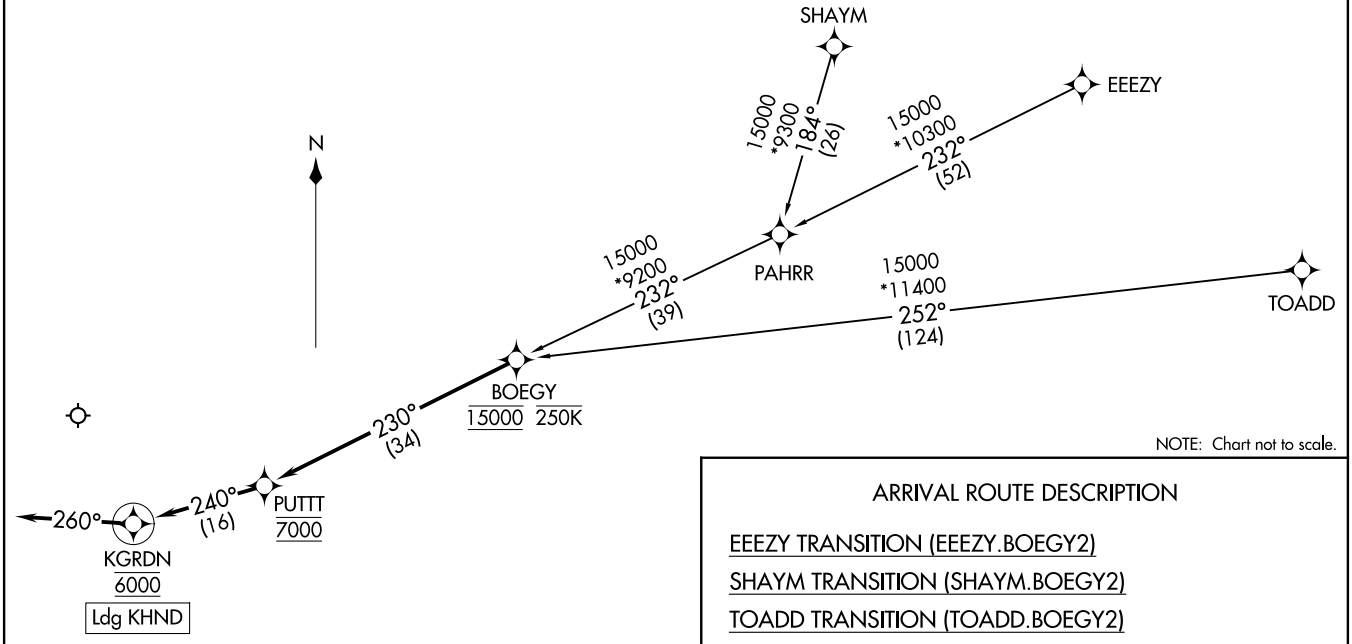
HENDERSON EXEC (HND)

LAS VEGAS, NEVADA

Z7

LAS VEGAS APP CON
125.475 307.25
ATIS
120.775
HENDERSON TOWER★
125.1

RNAV 1-DME/DME/IRU or GPS.
RADAR required.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

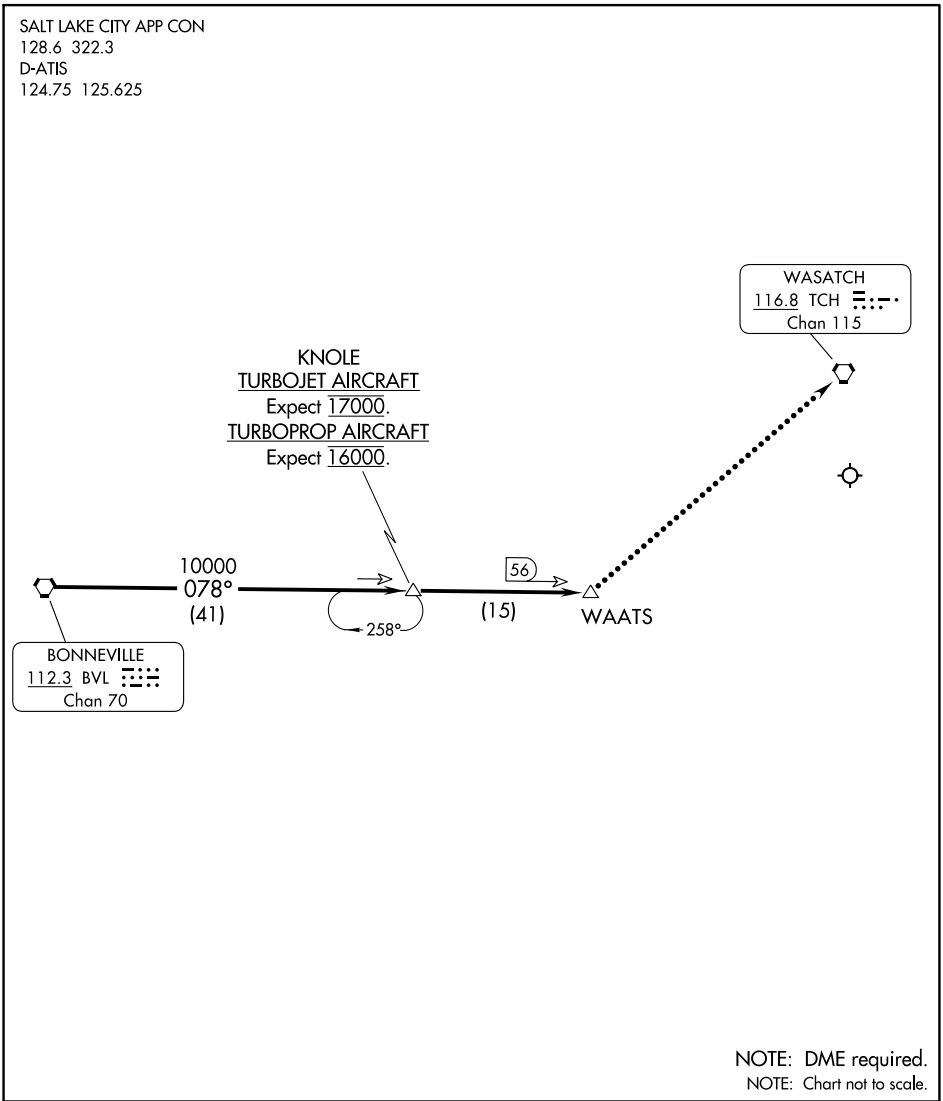
EEEZY TRANSITION (EEEZY.BOEGY2)

SHAYM TRANSITION (SHAYM.BOEGY2)

TOADD TRANSITION (TOADD.BOEGY2)

From BOEGY on track 230° to cross PUTTT at 7000, then on track 240° to cross KGRDN at 6000, then on track 260°. Expect RADAR vectors to final approach course.

BONNEVILLE TWO ARRIVAL



NOTE: DME required.
NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From BVL VORTAC via BVL R-078 to WAATS, thence expect RADAR vectors to final approach course.

LOST COMMUNICATIONS: In the event of lost communications at WAATS, proceed direct TCH VORTAC. Maintain 13000′ until TCH VORTAC.

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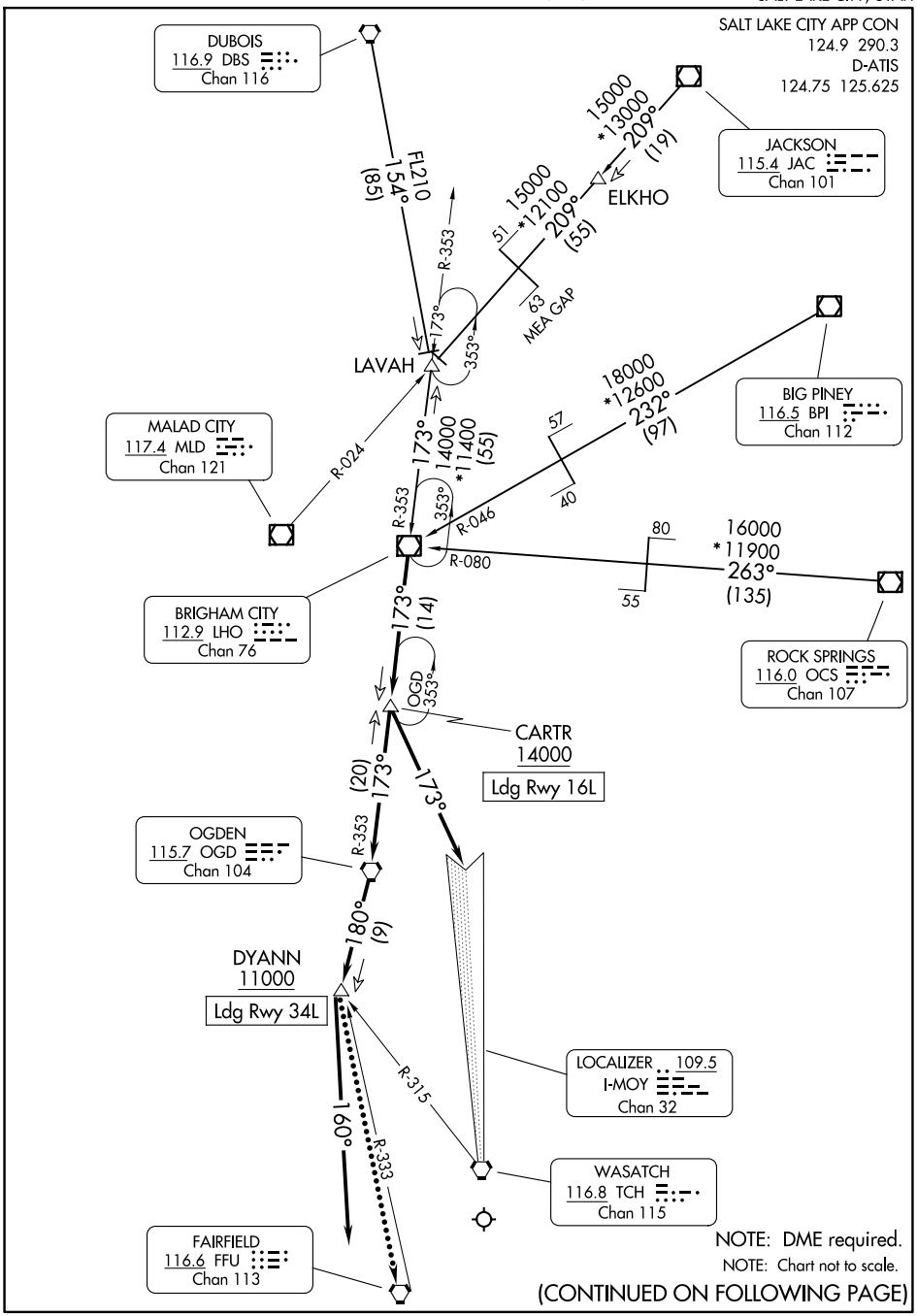
SW-4, 03 SEP 2026 to 29 OCT 2026

(LHO.LHO5) 24025

BRIGHAM CITY FIVE ARRIVAL

AL-365 (FAA)

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH



(CONTINUED ON FOLLOWING PAGE)

BRIGHAM CITY FIVE ARRIVAL

SALT LAKE CITY, UTAH
SALT LAKE CITY INTL (SLC)

(LHO.LHO5) 15JUN23

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

BIG PINEY TRANSITION (BPI.LHO5): From over BPI VOR/DME on BPI R-232 and LHO R-046 to LHO VOR/DME. Thence. . . .
DUBOIS TRANSITION (DBS.LHO5): From over DBS VORTAC on DBS R-154 to LAVAH, then on LHO R-353 to LHO VOR/DME. Thence. . . .
JACKSON TRANSITION (JAC.LHO5): From over JAC VOR/DME on JAC R-209 to ELKHO, then on JAC R-209 and MLD R-024 to LAVAH, then on LHO R-353 to LHO VOR/DME. Thence. . . .
ROCK SPRINGS TRANSITION (OCS.LHO5): From over OCS VOR/DME on OCS R-263 and LHO R-080 to LHO VOR/DME. Thence. . . .

LANDING NORTH:
. . . .from over LHO VOR/DME on LHO R-173 to cross CARTR at or above 14000 then on OGD R-353 to OGD VORTAC, then on OGD R-180 to cross DYANN at or above 11000. After DYANN fly heading 160° for vectors ILS or LOC RWY 34L or VISUAL RWY 34L approach.
LANDING SOUTH:
. . . .from over LHO VOR/DME on LHO R-173 to cross CARTR at or above 14000. After CARTR, fly heading 173° to intercept I-MOY localizer, proceed inbound. Expect ILS or LOC RWY 16L approach.

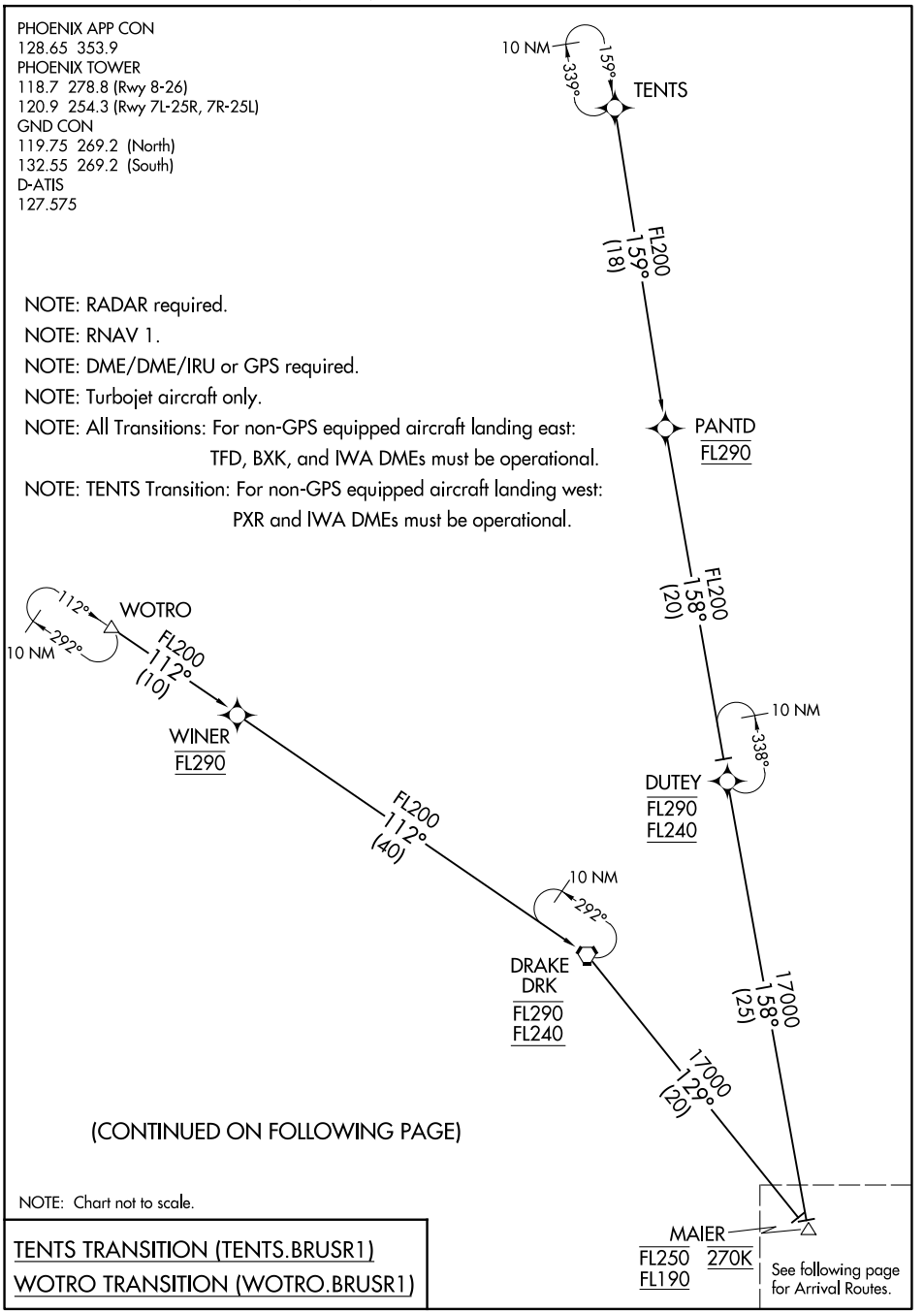
LOST COMMUNICATIONS
LANDING NORTH: In the event of lost communications, at DYANN proceed direct FFU VORTAC. Maintain 13000 until FFU VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

(MAIER.BRUSR1) 20142 AL-322 (FAA)

BRUSR ONE ARRIVAL (RNAV) Transition Routes

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA



(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

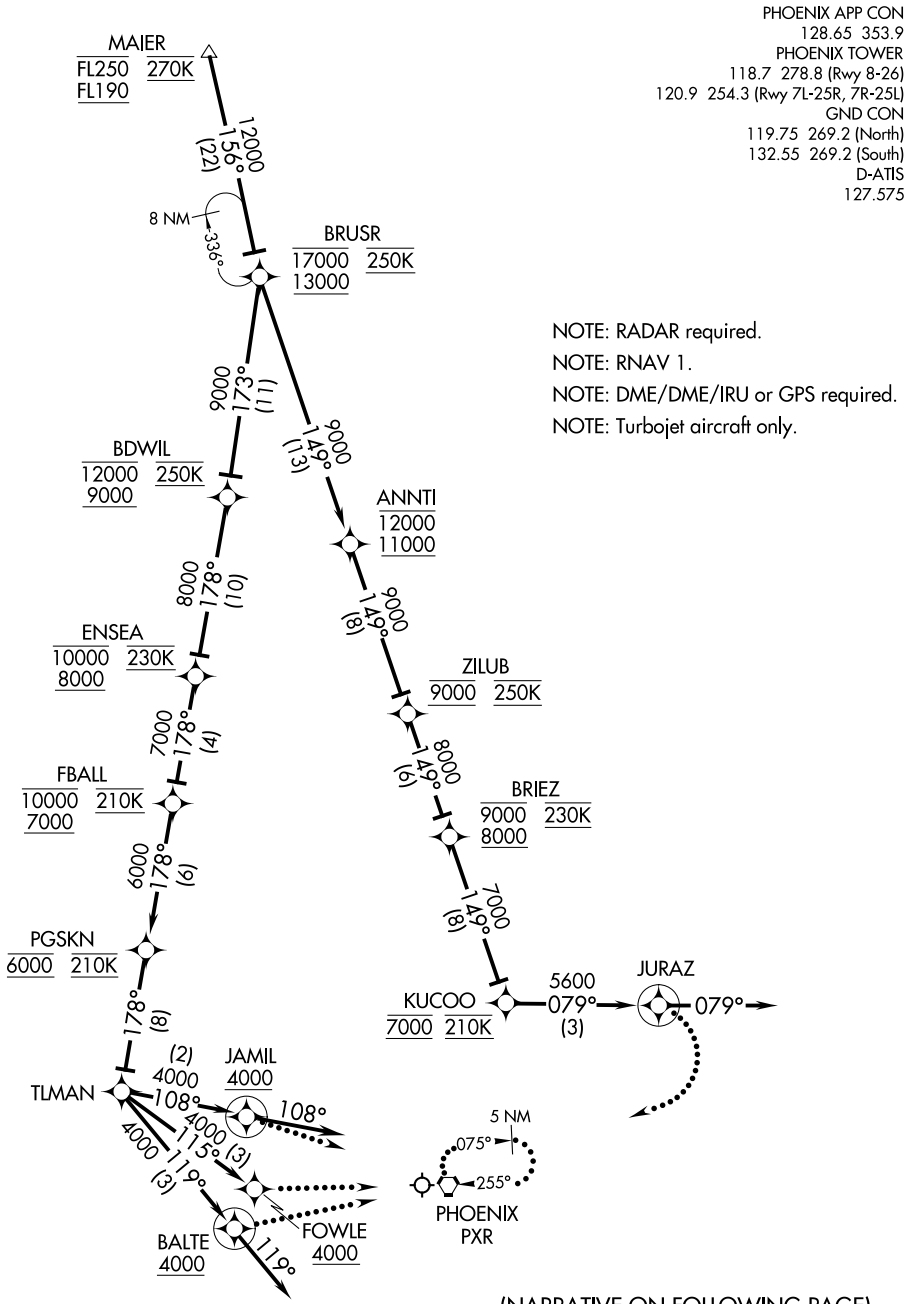
TENTS TRANSITION (TENTS.BRUSR1)
WOTRO TRANSITION (WOTRO.BRUSR1)

BRUSR ONE ARRIVAL (RNAV) Transition Routes

PHOENIX, ARIZONA
PHOENIX SKY HARBOR INTL (PHX)

(MAIER.BRUSR1) 18SEP14

SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026

(MAIER.BRUSR1) 17117
BRUSR ONE ARRIVAL (RNAV)

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

ARRIVAL ROUTE DESCRIPTION

From MAIER on track 156° to cross BRUSR at/above 13000 and at/below 17000 and at 250K.

LANDING RUNWAY 7L: From BRUSR on track 173° to cross BDWIL at/above 9000 and at/below 12000 and at 250K, then on track 178° to cross ENSEA at/above 8000 and at/below 10000 and at 230K, then on track 178° to cross FBALL at/above 7000 and at/below 10000 at 210K, then on track 178° to cross PGSKN at 6000 and at 210K, then on track 178° to TLMAN, then on track 115° to cross FOWLE at/above 4000. Expect ILS RWY 7L or RADAR vectors to final approach course.

LANDING RUNWAY 7R: From BRUSR on track 173° to cross BDWIL at/above 9000 and at/below 12000 and at 250K, then on track 178° to cross ENSEA at/above 8000 and at/below 10000 and at 230K, then on track 178° to cross FBALL at/above 7000 and at/below 10000 at 210K, then on track 178° to cross PGSKN at 6000 and at 210K, then on track 178° to TLMAN, then on track 119° to cross BALTE at or above 4000. Then on track 119°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 8: From BRUSR on track 173° to cross BDWIL at/above 9000 and at/below 12000 and at 250K, then on track 178° to cross ENSEA at/above 8000 and at/below 10000 and at 230K, then on track 178° to cross FBALL at/above 7000 and at/below 10000 at 210K, then on track 178° to cross PGSKN at 6000 and at 210K, then on track 178° to TLMAN, then on track 108° to cross JAMIL at or above 4000. Then on track 108°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 25L, 25R, 26: From BRUSR on track 149° to cross ANNTI at/above 11000 and at/below 12000, then on track 149° to cross ZILUB at 9000 and at 250K, then on track 149° to cross BRIEZ at/above 8000 and at/below 9000 and at 230K, then on track 149° to cross KUCOO at 7000 and at 210K, then on track 079° to JURAZ, then on track 079°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

LANDING RUNWAY 7L: At FOWLE, intercept and execute RWY 7L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 7R: At BALTE, intercept and execute RWY 7R ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 8: At JAMIL, intercept and execute RWY 8 ILS approach, If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAYS 25L, 25R, 26: At JURAZ, turn right, intercept and execute RWY 25L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.

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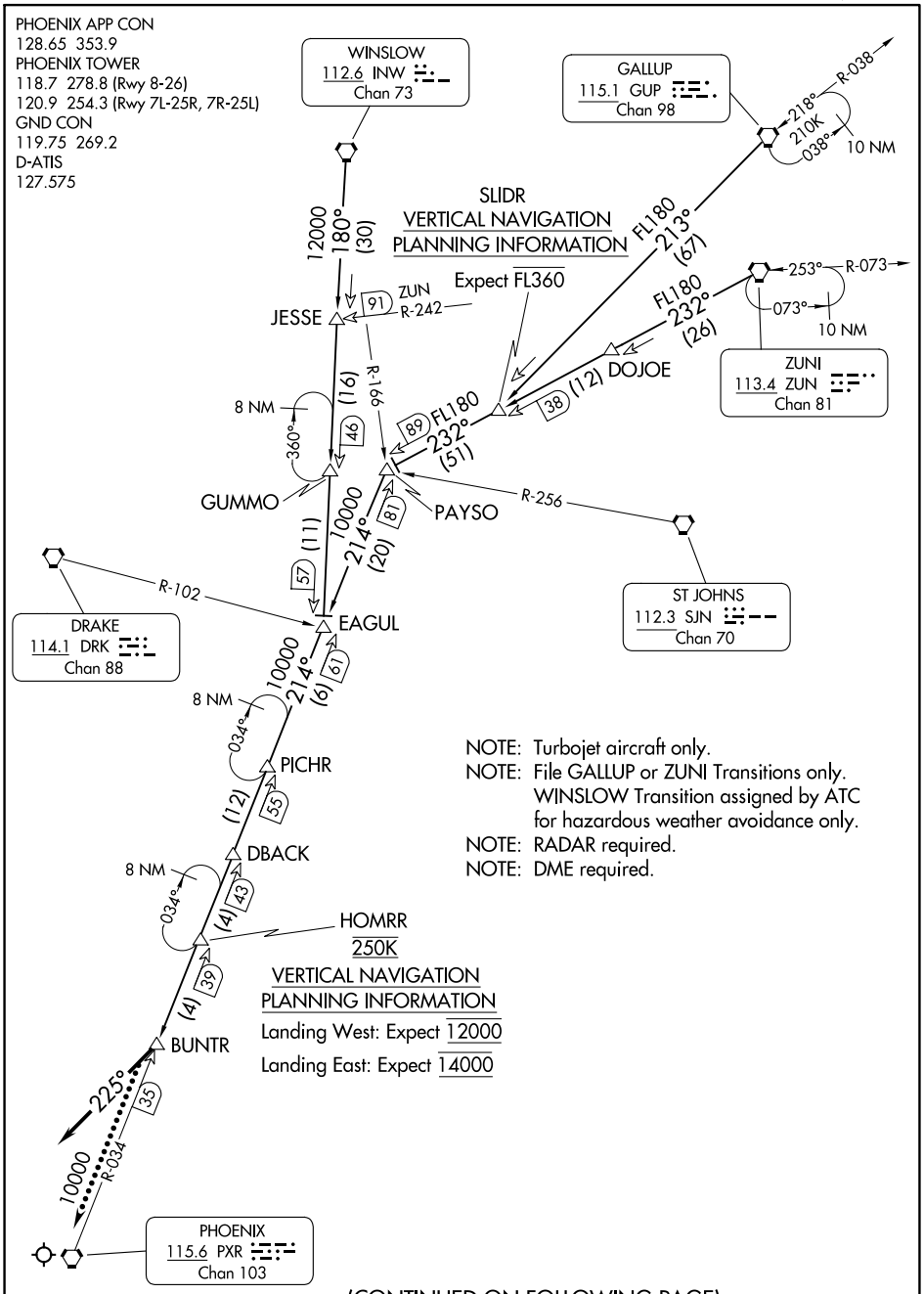
SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(BUNTR.BUNTR3) 17117
BUNTR THREE ARRIVAL

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

ARRIVAL ROUTE DESCRIPTION

GALLUP TRANSITION (GUP.BUNTR3): From over GUP VORTAC on GUP R-213 to SLIDR then on ZUN R-232 to PAYSO, then on PXR R-034 to BUNTR. Thence. . . .

WINSLOW TRANSITION (INW.BUNTR3): From over INW VORTAC on INW R-180 to EAGUL, then on PXR R-034 to BUNTR. Thence. . . .

ZUNI TRANSITION (ZUN.BUNTR3): From over ZUN VORTAC via ZUN R-232 to PAYSO, then via PXR R-034 to BUNTR. Thence. . . .

. . . . From BUNTR, fly heading 225°. Expect vectors to final approach course.

LOST COMMUNICATIONS: After BUNTR proceed direct PXR VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

CARTR ONE ARRIVAL (RNAV) Transition Routes

(CARTR.CARTR1) 20FEB25

SALT LAKE CITY, UTAH

SALT LAKE CITY INTL (SLC)

RNAV 1 - GPS.
RADAR required.

BOBRT TRANSITION (BOBRT.CARTR1)
CHEROKEE TRANSITION (CKW.CARTR1)
DUBOIS TRANSITION (DBS.CARTR1)
JACKSON TRANSITION (JAC.CARTR1)
MUDDY MOUNTAIN (DDY.CARTR1)
ROCK SPRINGS TRANSITION (OCS.CARTR1)

SALT LAKE CITY APP CON
124.9 351.675
D-ATIS
124.75 125.625

DUBOIS
DBS

JACKSON
JAC

MUDDY
MOUNTAIN
DDY

LAVAH

BRIGHAM CITY
LHO
14000

KRANC

BOBRT
FL300

STOPP

SSIGN

ROCK
SPRINGS
OCS

CHEROKEE
CKW

CARTR

12200
*12200
158°
(85)

13300
*13300
211°
(74)

12 NM

176°

356°

12200
*12200
176°
(55)

7 NM

12200
*12200
244°
(21)

12200
*12200
255°
(34)

10 NM

082°

262°

12200
*12200
239°
(75)

12200
*12200
241°
(138)

240°

060°

12 NM

12200
*12200
263°
(75)

12 NM

083°

263°

12200
*12200
264°
(70)

12 NM

080°

260°

12200
*12200
273°
(83)

271°

091°

10 NM

12000
*11600
176°
(14)

8 NM

356°

See following page for Arrival Routes.

NOTE: Jet aircraft only.
NOTE: GPS required.
NOTE: ROCK SPRINGS Transition, BOBRT Transition, ATC assigned only.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

N

CARTR ONE ARRIVAL (RNAV) Transition Routes

(CARTR.CARTR1) 25051

AL-365 (FAA)

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH

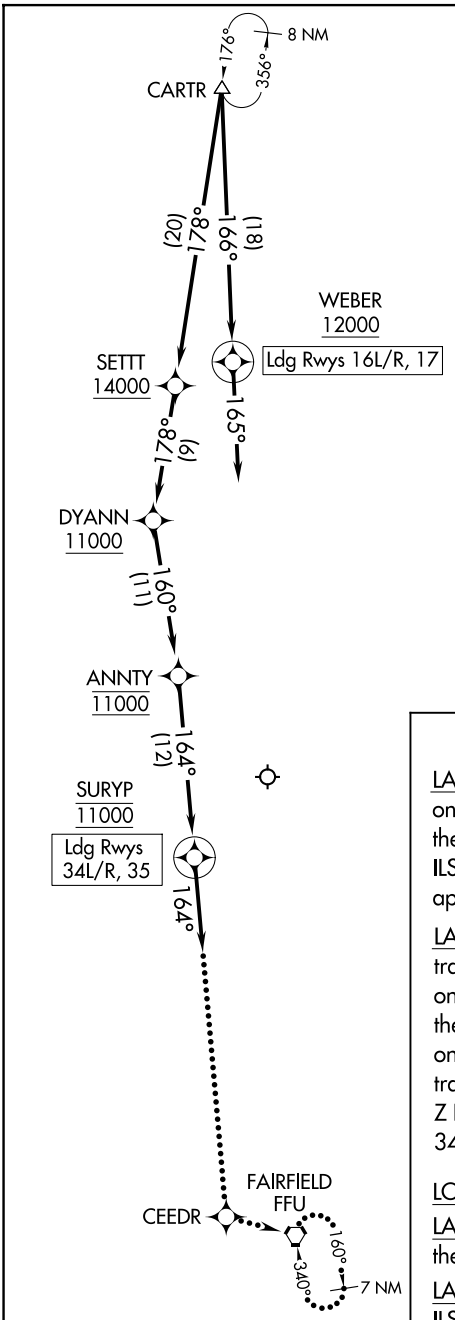
SW-4, 03 SEP 2026 to 29 OCT 2026

(CARTR.CARTR1) 25051

AL-365 (FAA)

CARTR ONE ARRIVAL (RNAV) Arrival Routes

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH



NOTE: Jet aircraft only.
NOTE: GPS required.
NOTE: ROCK SPRINGS Transition, BOBRT Transition, ATC assigned only.
NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAYS 16L/R, 17: From CARTR on track 166° to cross WEBER at or above 12000, then on track 165°. Expect RADAR verctors for ILS or RNAV approach to Rwys 16L/R or Rwy 17 approach.

LANDING RUNWAYS 34L/R, 35: From CARTR on track 178° to cross SETTT at or above 14000, then on track 178° to cross DYANN at or above 11000, then on track 160° to cross ANNTY at 11000, then on track 164° to cross SURYP at 11000, then on track 164°. Expect RADAR vectors for RNAV (RNP) Z RWY 34L approach or RADAR vectors to 34L/R, RWY 35 final approach course.

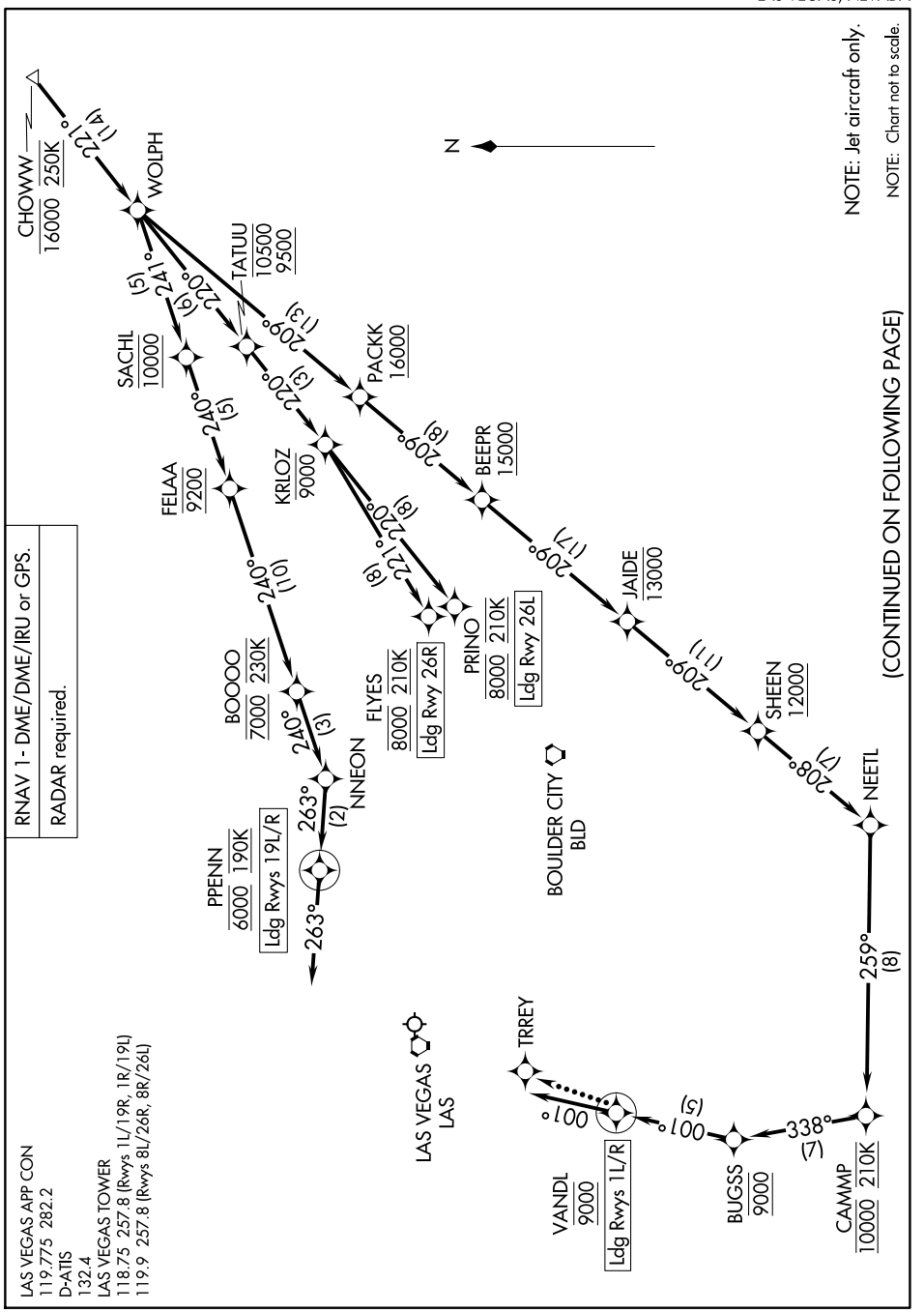
LOST COMMUNICATIONS

LANDING NORTH: After SURYP proceed to CEEDR, then left turn to FFU VORTAC and hold at 11000.

LANDING SOUTH: After WEBER proceed on the ILS or RNAV RWY 16L approach.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV 1- DME/DME/IRU or GPS.
RADAR required.
LAS VEGAS APP CON
119.775 282.2
D-ATIS
132.4
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)
NOTE: Jet aircraft only.
GGAPP TRANSITION (GGAPP.CHOWW4)
STEWW TRANSITION (STEWW.CHOWW4)
TYEGR TRANSITION (TYEGR.CHOWW4)
(CONTINUED ON FOLLOWING PAGE)
GGAPP
TYEGR
WARKA
DUUGG
MNCIN
PHHIL
FL240
HAANG
FL240
STEWW
RIGLL
FL240
AALAN
FL230
17000
CHOWW
16000 250K
10 NM
12 NM
12 NM
10 NM
FL240
*15000
228°
(3)
FL240
*9400
240°
(39)
FL240
*9400
240°
(19)
FL240
*9400
240°
(29)
FL240
*9400
240°
(24)
FL240
*9400
226°
(49)
FL240
*10700
194°
(19)
17000
*10200
194°
(24)
17000
*9400
225°
(24)
9500
*9400
222°
(19)
N
See following page for Arrival Routes
NOTE: Chart not to scale.



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

From CHOWW on track 221° to WOLPH.

LANDING RUNWAYS 1L/R: From WOLPH on track 209° to cross PACKK at or above 16000, then on track 209° to cross BEEPR at or above 15000, then on track 209° to cross JAIDE at or below 13000, then on track 209° to cross SHEEN at or above 12000, then on track 208° to NEETL, then on track 259° to cross CAMMP at 10000 and at 210K, then on track 338° to cross BUGSS at 9000, then on track 001° to cross VANDL at 9000, then on track 001°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 19L/R: From WOLPH on track 241° to cross SACHL at 10000, then on track 240° to cross FELAA at 9200, then on track 240° to cross BOOOO at 7000 and at 230K, then on track 240° to NNEON, then on track 263° to cross PPENN at 6000 and at 190K, then on track 263°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 26L: From WOLPH on track 220° to cross TATUU between 9500 and 10500, then on track 220° to cross KRLOZ at or below 9000, then on track 220° to cross PRINO at 8000 and at 210K. Expect ILS or LOC RWY 26L approach.

LANDING RUNWAY 26R: From WOLPH on track 220° to cross TATUU between 9500 and 10500, then on track 220° to cross KRLOZ at or below 9000, then on track 221° to cross FLYES at 8000 and at 210K. Expect ILS or LOC RWY 26R approach.

LOST COMMUNICATIONS

LANDING RUNWAY 1L: At VANDL, proceed to TRREY, then on the ILS or LOC RWY 1L approach.

LANDING RUNWAY 1R: At VANDL proceed on the RNAV (GPS) RWY 1R approach.

LANDING RUNWAY 19L: At PPENN proceed on the RNAV (RNP) RWY 19L approach, if unable, proceed visually via last track to intercept the final approach course; if unable, maintain 7000 proceed direct LAS VORTAC then direct BLD VORTAC and then on the ILS or LOC RWY 26L approach.

LANDING RUNWAY 26L: At PRINO proceed on the ILS or LOC RWY 26L approach.

LANDING RUNWAY 26R: At FLYES proceed on the ILS or LOC RWY 26R approach.

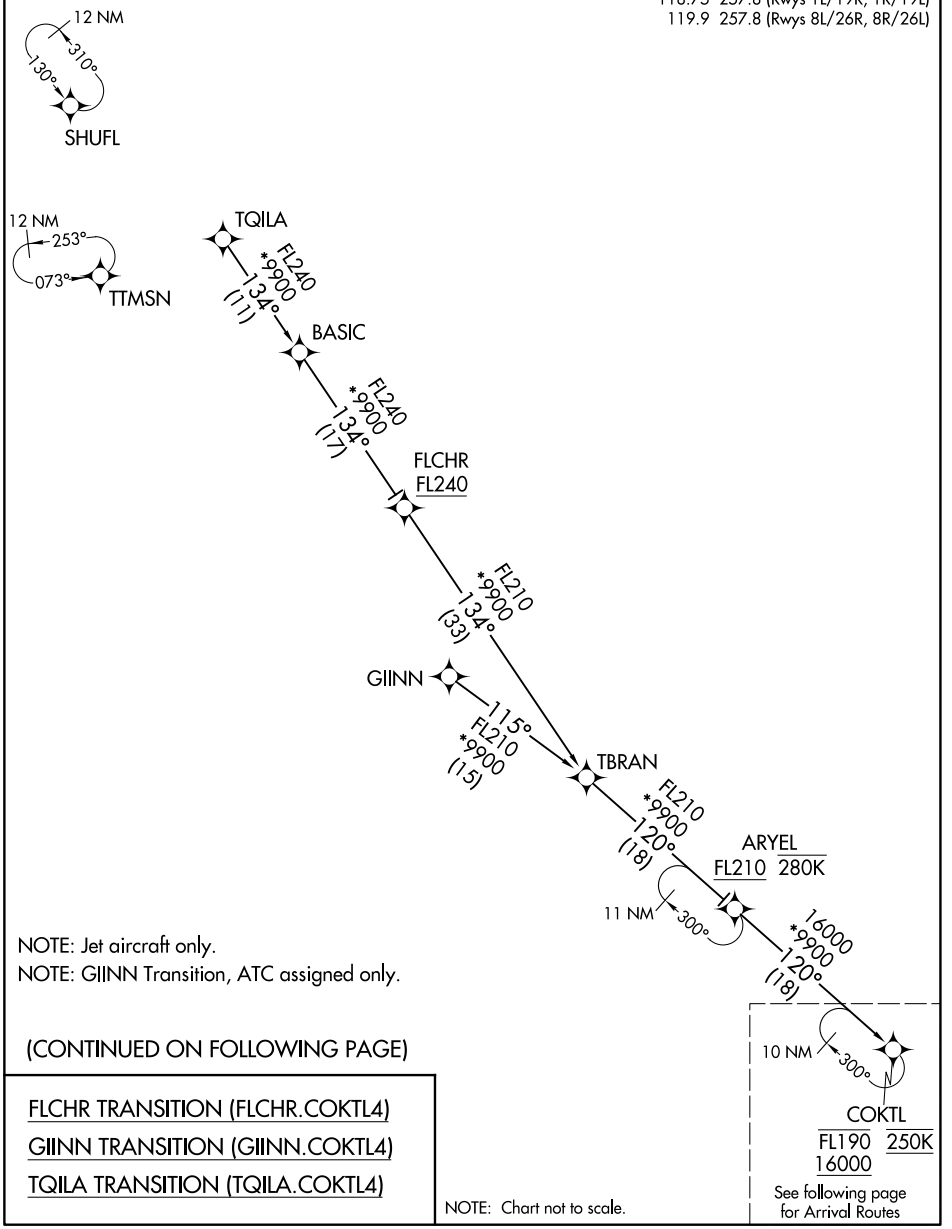
(COKTL.COKTL4) 24305 AL-662 (FAA)

COKTL FOUR ARRIVAL (RNAV) Transition Routes

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

RNAV 1- DME/DME/IRU or GPS.
RADAR required.

LAS VEGAS APP CON
125.025 379.15
D-ATIS
132.4
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)



NOTE: Jet aircraft only.
NOTE: GIINN Transition, ATC assigned only.

(CONTINUED ON FOLLOWING PAGE)

FLCHR TRANSITION (FLCHR.COKTL4)
GIINN TRANSITION (GIINN.COKTL4)
TQILA TRANSITION (TQILA.COKTL4)

NOTE: Chart not to scale.

COKTL FOUR ARRIVAL (RNAV) Transition Routes

LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

(COKTL.COKTL4) 31OCT24

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS APP CON
125.025 379.15
D-ATIS
132.4
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)
RNAV 1 - DME/DME/IRU or GPS.
RADAR required.
COKTL
FL190 250K
16000
10 NM
120°
300°
117°
(11)
ZLLDA
14000
100°
(17)
DEEON
12000
100°
(4)
ENNVY
11000
082°
(12)
LAS VEGAS
LAS
REDQN
9000 210K
083°
(5)
BERBN
8000 210K
083°
BOULDER CITY
BLD
Ldg Rwys 19L/R, 26L/R
151°
(13)
MEZKL
12000
10000
151°
(6)
LOOMI
118°
(7)
ZINPI
9000 210K
081°
(5)
SLOTS
8000
YAGGR
8000 210K
Ldg Rwys 8L/R
005°
030°
006°
(8)
(5)
ROAMN
8000 210K
Ldg Rwys 1L/R
N
NOTE: Jet aircraft only.
NOTE: GINN Transition, ATC assigned only.
NOTE: Chart not to scale.
(CONTINUED ON FOLLOWING PAGE)

(COKTL.COKTL4) 24305
COKTL FOUR ARRIVAL (RNAV)
AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

From COKTL on track 117° to cross ZLLDA at or above 14000.

LANDING RUNWAYS 1L/R: From ZLLDA on track 151° to cross MEZKL between 10000 and 12000, then on track 151° to LOOMI, then on track 118° to cross ZINPI at or above 9000 and at 210K, then on track 081° to cross SLOTS at 8000, then on track 030° to cross ROAMN at 8000 and at 210K. Expect ILS or LOC RWY 1L approach or RADAR vectors to final approach course.

LANDING RUNWAYS 8L/R: From ZLLDA on track 151° to cross MEZKL between 10000 and 12000, then on track 151° to LOOMI, then on track 118° to cross ZINPI at or above 9000 and at 210K, then on track 081° to cross SLOTS at 8000, then on track 006° to cross YAGGR at 8000 and at 210K, then on track 005°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 19L/R, 26L/R: From ZLLDA on track 100° to cross DEEON at or above 12000, then on track 100° to cross ENNVY at or above 11000, then on track 082° to cross REDQN at or above 9000 and at 210K, then on track 083° to cross BERBN at 8000 and at 210K, then on track 083°. Expect RADAR vectors to final approach course.

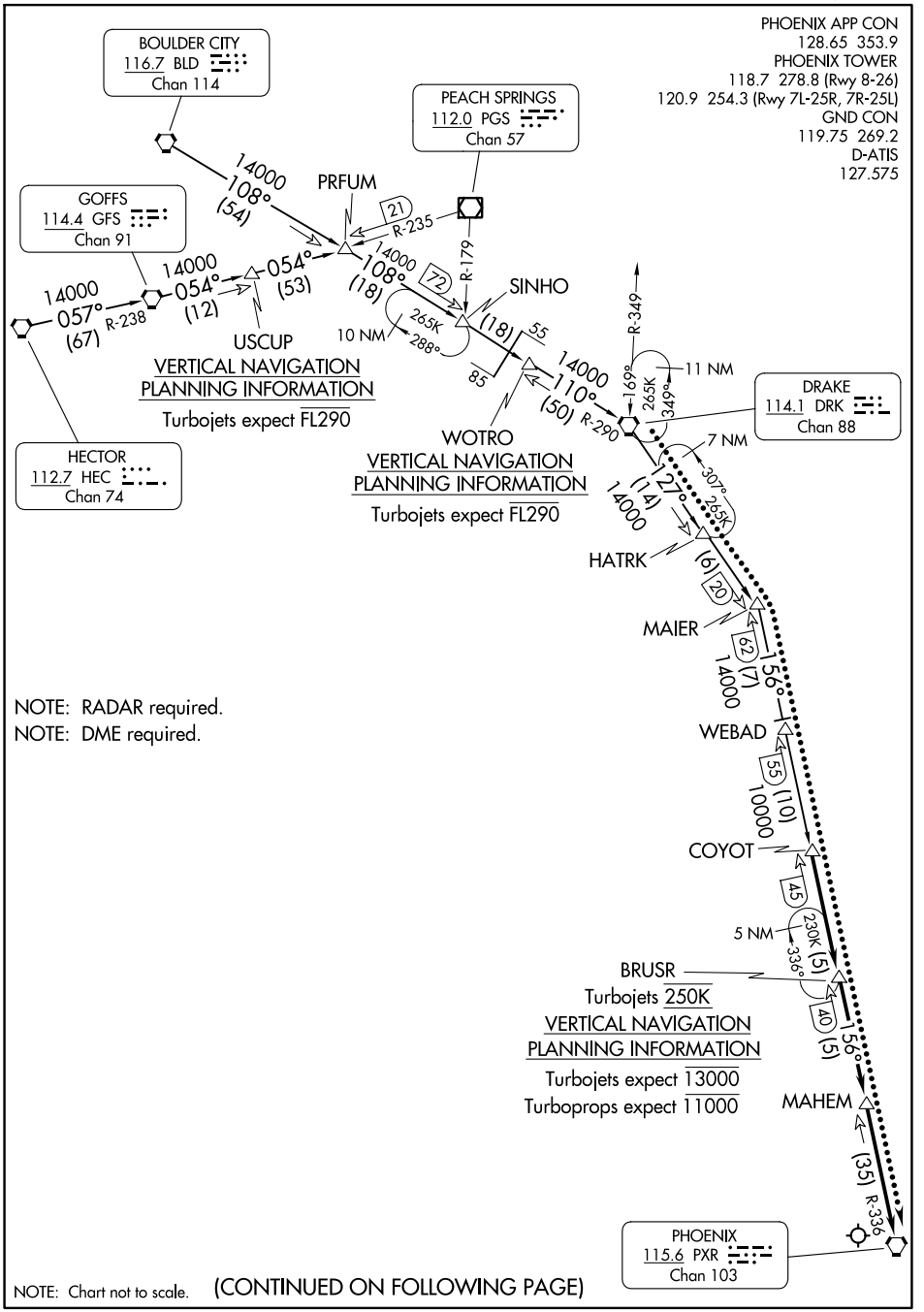
LOST COMMUNICATIONS

LANDING RUNWAY 1L: At ROAMN proceed on the ILS or LOC RWY 1L approach.

LANDING RUNWAY 8R: At YAGGR proceed on the RNAV (RNP) RWY 8R approach, if unable, proceed via last track to intercept the final approach course; if unable, maintain 7000 direct LAS VORTAC then direct BLD VORTAC and then on the ILS or LOC RWY 26L approach.

LANDING RUNWAY 26L: At BERBN proceed on the ILS or LOC RWY 26L approach.

LANDING RUNWAY 26R: At BERBN proceed on the ILS or LOC RWY 26R approach.



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

BOULDER CITY TRANSITION (BLD.COYOT5): From over BLD VORTAC on BLD R-108 and DRK R-290 to DRK VORTAC, then on DRK R-127 and PXR R-336 to COYOT. Thence. . . .

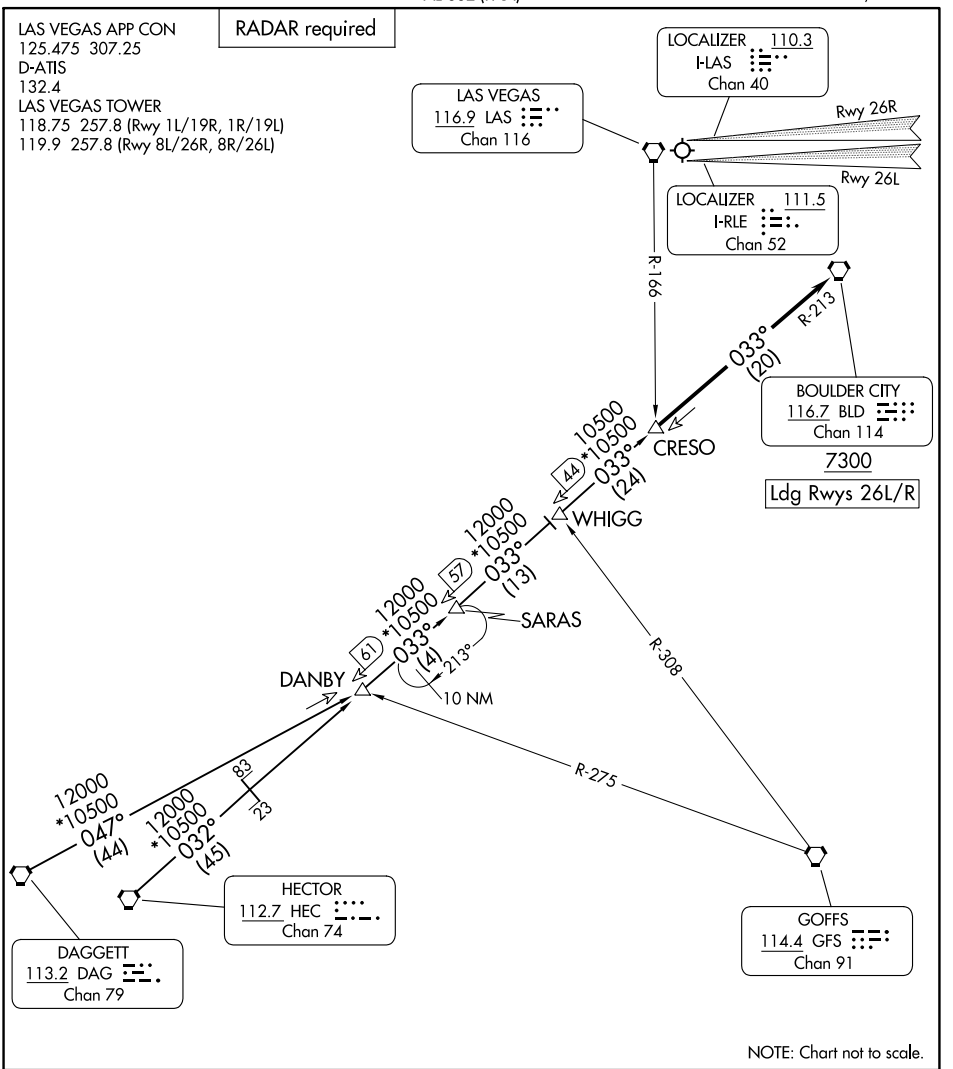
DRAKE TRANSITION (DRK.COYOT5): From over DRK VORTAC on DRK R-127 and PXR R-336 to COYOT. Thence. . . .

HECTOR TRANSITION (HEC.COYOT5): From over HEC VORTAC on HEC R-057 and GFS R-238 to GFS VORTAC, then on GFS R-054 and PGS R-235 to PRFUM, then on BLD R-108 and DRK R-290 to DRK VORTAC, then on DRK R-127 and PXR R-336 to COYOT. Thence. . . .

. . . .From COYOT on PXR R-336 to BRUSR, then on PXR R-336 to MAHEM, then on PXR R-336 to PXR VORTAC. After BRUSR expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

After DRK VORTAC proceed direct MAIER, then direct PXR VORTAC.



ARRIVAL ROUTE DESCRIPTION

DAGGETT TRANSITION (DAG.CRESO5): From over DAG VORTAC on DAG R-047 and BLD R-213 to CRESO, thence. . . .

HECTOR TRANSITION (HEC.CRESO5): From over HEC VORTAC on HEC R-032 and BLD R-213 to CRESO, thence. . . .

. . . .From over CRESO on BLD R-213 to cross BLD VORTAC at or above 7300. Runways 1, 8, and 19 expect RADAR vectors to final approach course. From BLD VORTAC expect ILS approach Runway 26L/R.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(DINGO.DINGO6) 24081
DINGO SIX ARRIVAL

AL-430 (FAA)

TUCSON INTL (TUS)
TUCSON, ARIZONA

ARRIVAL ROUTE DESCRIPTION

GILA BEND TRANSITION (GBN.DINGO6): From over GBN VORTAC on GBN R-082 and TFD R-264 to TFD VORTAC, then on TFD R-133 to BASER, then on TUS R-295 to DINGO. Thence. . . .

PHOENIX TRANSITION (PXR.DINGO6): From over PXR VORTAC on PXR R-163 and TFD R-343 to TFD VORTAC, then on TFD R-133 to BASER, then on TUS R-295 to DINGO. Thence. . . .

STANFIELD TRANSITION (TFD.DINGO6): From over TFD VORTAC on TFD R-133 to BASER, then on TUS R-295 to DINGO. Thence. . . .

LANDING RUNWAY 12: From DINGO on TUS R-295 to cross MAVVA at or above 8000, then on heading 078°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 30: From DINGO on TUS R-295 to cross MAVVA at or above 8000. Expect RADAR vectors to final approach course.

DINGO SIX ARRIVAL
(DINGO.DINGO6) 30NOV23

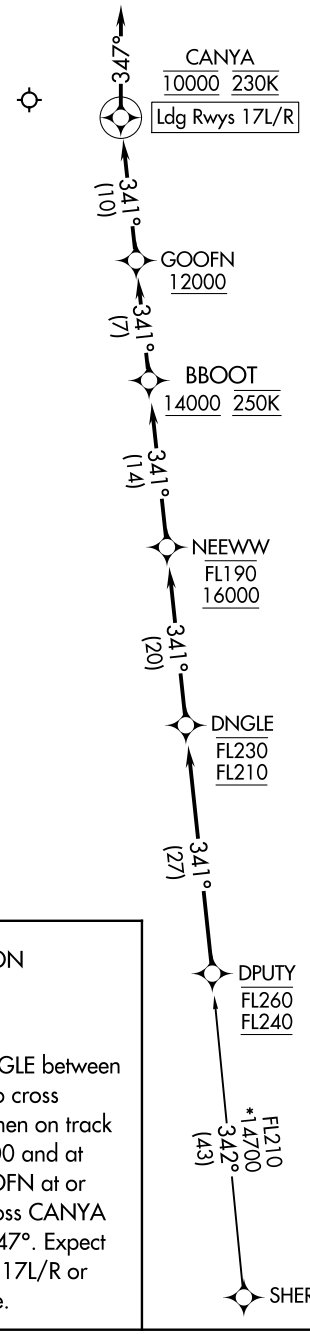
TUCSON, ARIZONA
TUCSON INTL (TUS)

DNGLE ONE ARRIVAL (RNAV)

AL-346 (FAA)

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.

NORCAL APP CON
119.2 279.55
D-ATIS
135.8 363.0
RENO TOWER
118.7 257.8



NOTE: Intense glider activity to FL180.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

SHERF TRANSITION (SHERF.DNGLE1)

From DPUTY on track 341° to cross DNGLE between FL210 and FL230, then on track 341° to cross NEEWW between 16000 and FL190, then on track 341° to cross BBOOT at or above 14000 and at 250K, then on track 341° to cross GOOFN at or above 12000, then on track 341° to cross CANYA at 10000 and at 230K, then on track 347°. Expect assigned instrument approach for Rwys 17L/R or RADAR vectors to final approach course.

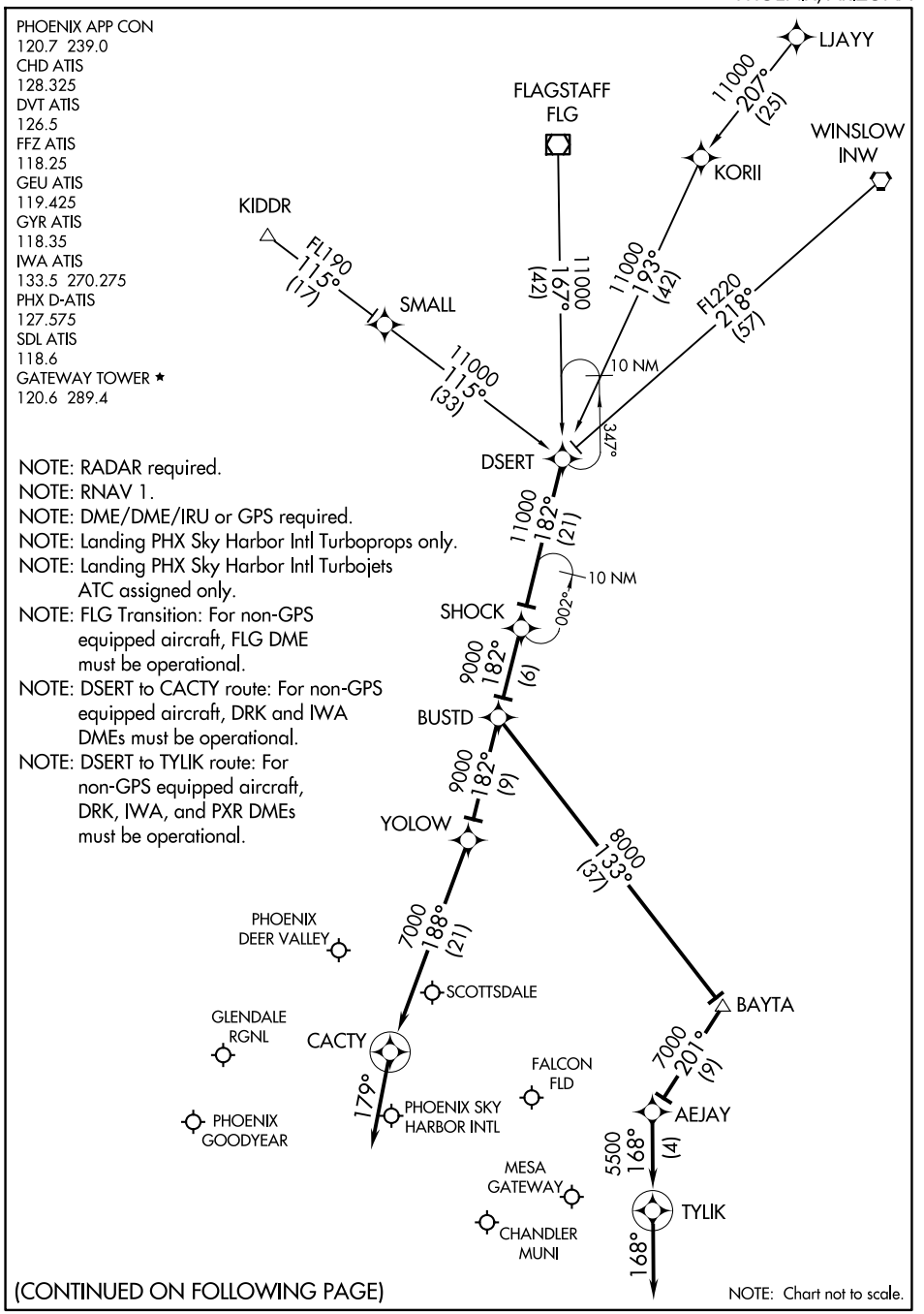
SW-4, 03 SEP 2026 to 29 OCT 2026

(DSERT.DSERT2) 26078

DSERT TWO ARRIVAL (RNAV)

AL-322 (FAA)

PHOENIX, ARIZONA



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NOTE: Chart not to scale.

DSERT TWO ARRIVAL (RNAV)

PHOENIX, ARIZONA

(DSERT.DSERT2) 13NOV14

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

FLAGSTAFF TRANSITION (FLG.DSERT2)
KIDDR TRANSITION (KIDDR.DSERT2)
LJAYY TRANSITION (LJAYY.DSERT2)
WINSLOW TRANSITION (INW.DSERT2)

From DSERT on track 182° to SHOCK, then on track 182° to BUSTD.

LANDING AT KDVT/KSDL/KGEU/KFFZ/KCHD/KGYR/KPHX:
From BUSTD on track 182° to YOLOW, then on track 188° to CACTY then on track 179°. Expect RADAR vectors.

LANDING AT KIWA: From BUSTD on track 133° to BAYTA, then on track 201° to AEJAY, then on track 168° to TYLIK, then on track 168°. Expect RADAR vectors.

SW-4, 03 SEP 2026 to 29 OCT 2026

EAGUL SIX ARRIVAL (RNAV) Transition Routes

(EAGUL.EAGUL6) 18SEP14

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

EAGUL SIX ARRIVAL (RNAV) Transition Routes

(EAGUL.EAGUL6) 17117

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

AL-322 (FAA)

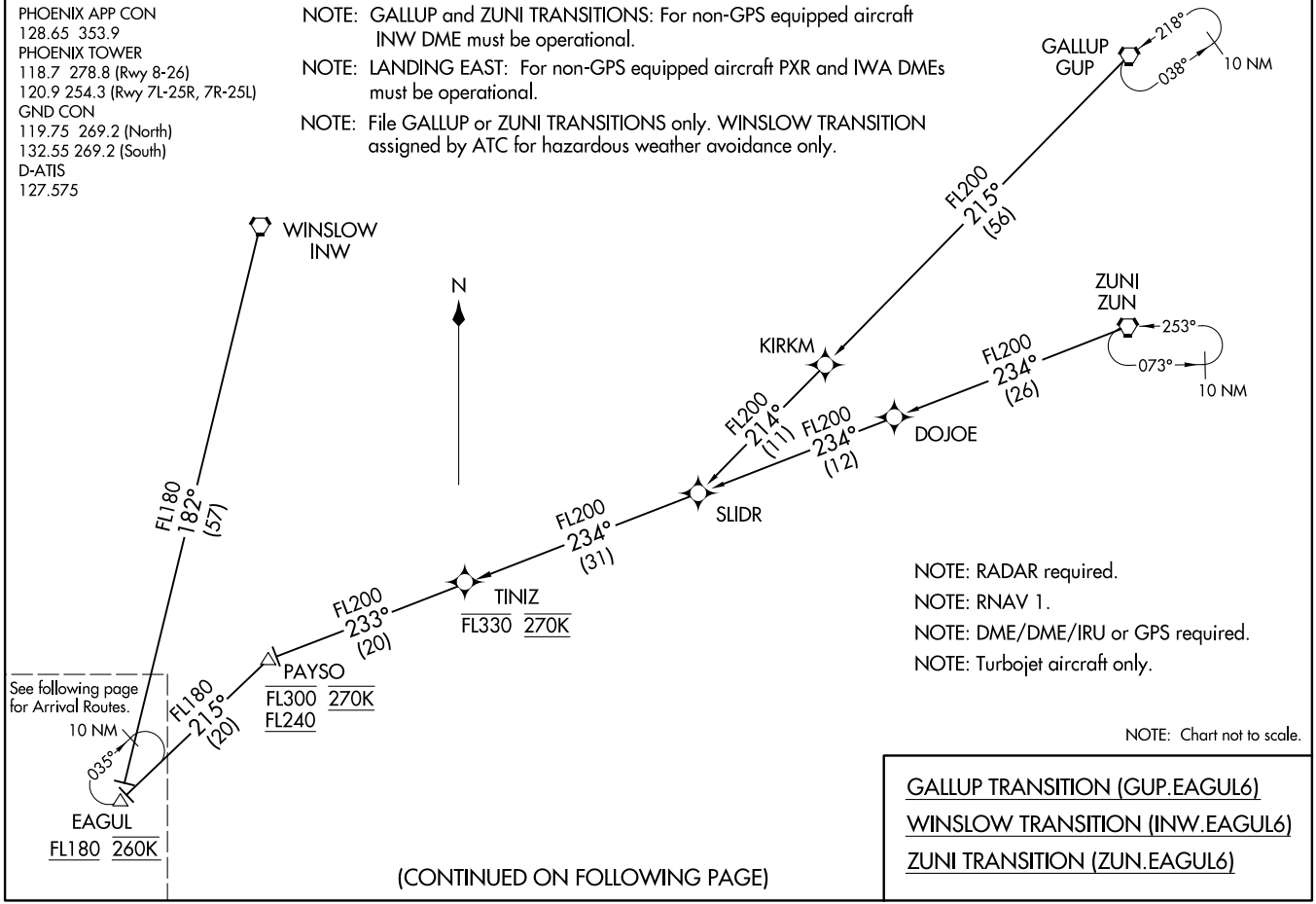
Z31

PHOENIX APP CON
128.65 353.9
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwy 7L-25R, 7R-25L)
GND CON
119.75 269.2 (North)
132.55 269.2 (South)
D-ATIS
127.575

NOTE: GALLUP and ZUNI TRANSITIONS: For non-GPS equipped aircraft INW DME must be operational.

NOTE: LANDING EAST: For non-GPS equipped aircraft PXR and IWA DMEs must be operational.

NOTE: File GALLUP or ZUNI TRANSITIONS only. WINSLOW TRANSITION assigned by ATC for hazardous weather avoidance only.



NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: Chart not to scale.

GALLUP TRANSITION (GUP.EAGUL6)

WINSLOW TRANSITION (INW.EAGUL6)

ZUNI TRANSITION (ZUN.EAGUL6)

(CONTINUED ON FOLLOWING PAGE)

EAGUL SIX ARRIVAL (RNAV) Arrival Routes

(EAGUL.EAGUL6) 18SEP14

PHOENIX, ARIZONA
PHOENIX SKY HARBOR INTL (PHX)

Z32

PHOENIX APP CON
128.65 353.9
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwy 7L-25R, 7R-25L)
GND CON
119.75 269.2 (North)
132.55 269.2 (South)
D-ATIS
127.575

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: LANDING EAST: For non-GPS equipped aircraft PXR and IWA DMEs must be operational.

10 NM
035°
215°
EAGUL
FL180 260K
8 NM
034°
214°
12000
215°
(22)
HOMRR
17000 250K
BOHTX
14000
13000
12000
226°
(10)
9400
204°
(6)
VNNOM
9400
10000
226°
(10)
8100
204°
(11)
GEENO
12000 230K
11000
8000
226°
(9)
ESDEE
10000 210K
8100
QUENY
10000 210K
6000
226°
(11)
6000
203°
(6)
OBASE
7000 210K
4000
258°
(3)
258°
HINEY
7000 210K
4500
203°
(7)
BASSL
6000
5 NM
075°
255°
PHOENIX
PXR
JAGAL
4000
(3)
4000
228°
DERVL
5500 210K
4500
4000
220°
(4)
219°
(4)
4000
ZAMEX
4000
GIPSE
4000
N

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

(EAGUL.EAGUL6) 17117

EAGUL SIX ARRIVAL (RNAV) Arrival Routes

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

From EAGUL on track 215° to cross HOMRR at or below 17000 at 250K.

LANDING RUNWAYS 7L, 7R, 8: From HOMRR on track 226° to cross BOHTX at/above 13000 and at/below 14000, then on track 226° to cross GEENO at/above 11000 and at/below 12000 and at 230K, then on track 226° to cross QUENY at 10000 and at 210K, then on track 226° to cross HINEY at 7000 and at 210K, then on track 258° to cross OBASE at 7000 and at 210K, then on track 258°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 25L: From HOMRR on track 204° to cross VNNOM at/above 9400, then on track 204° to cross ESDEE at/above 8100 and at/below 10000 and at 210K, then on track 203° to cross BASSL at/above 6000, then on track 203° to cross DERVL at/above 4500 and at/below 5500 and at 210K, then on track 219° to cross GIPSE at/above 4000. Expect ILS or LOC RWY 25L approach or RADAR vectors to final approach course.

LANDING RUNWAY 25R: From HOMRR on track 204° to cross VNNOM at/above 9400, then on track 204° to cross ESDEE at/above 8100 and at/below 10000 and at 210K, then on track 203° to cross BASSL at/above 6000, then on track 203° to cross DERVL at/above 4500 and at/below 5500 and at 210K, then on track 220° to cross ZAMEX at/above 4000. Expect RNAV (GPS) Y RWY 25R approach or RADAR vectors to final approach course.

LANDING RUNWAY 26: From HOMRR on track 204° to cross VNNOM at/above 9400, then on track 204° to cross ESDEE at/above 8100 and at/below 10000 and at 210K, then on track 203° to cross BASSL at/above 6000, then on track 203° to cross DERVL at/above 4500 and at/below 5500 at 210K, then on track 228° to cross JAGAL at/above 4000. Expect ILS or LOC RWY 26 approach or RADAR vectors to final approach course.

LOST COMMUNICATIONS

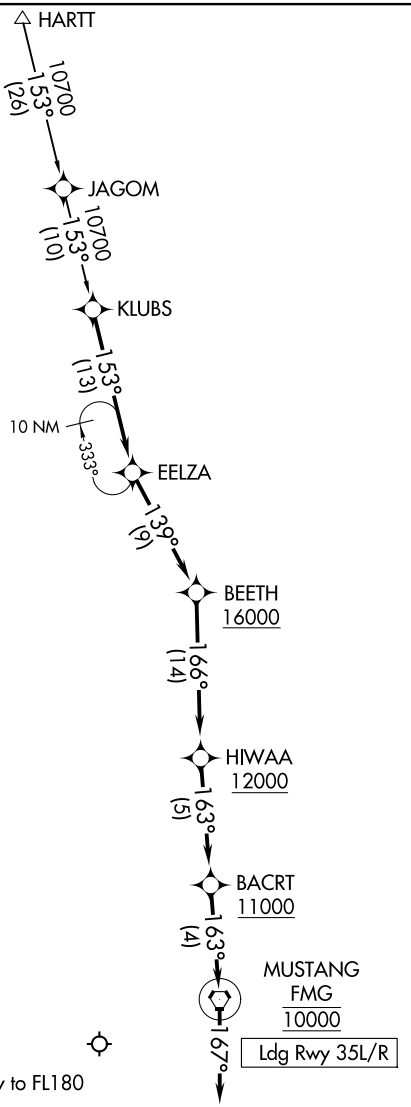
LANDING RUNWAY 7L: After OBASE turn left, intercept and execute RWY 7L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 7R: After OBASE turn left, intercept and execute RWY 7R ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 8: After OBASE turn left, intercept and execute RWY 8 ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 25L: At GIPSE, intercept and execute RWY 25L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 25R: At ZAMEX, intercept and execute RWY 25R RNAV (GPS) approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 26: At JAGAL, intercept and execute RWY 26 ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.

EELZA FOUR ARRIVAL (RNAV)

AL-346 (FAA)

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV 1 - GPS.
RADAR required.



NORCAL APP CON
126.3 353.9
D-ATIS
135.8 363.0
RENO TOWER
118.7 257.8

NOTE: GPS required.
CAUTION: Intense glider activity to FL180

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

HARTT TRANSITION (HARTT.EELZA4)

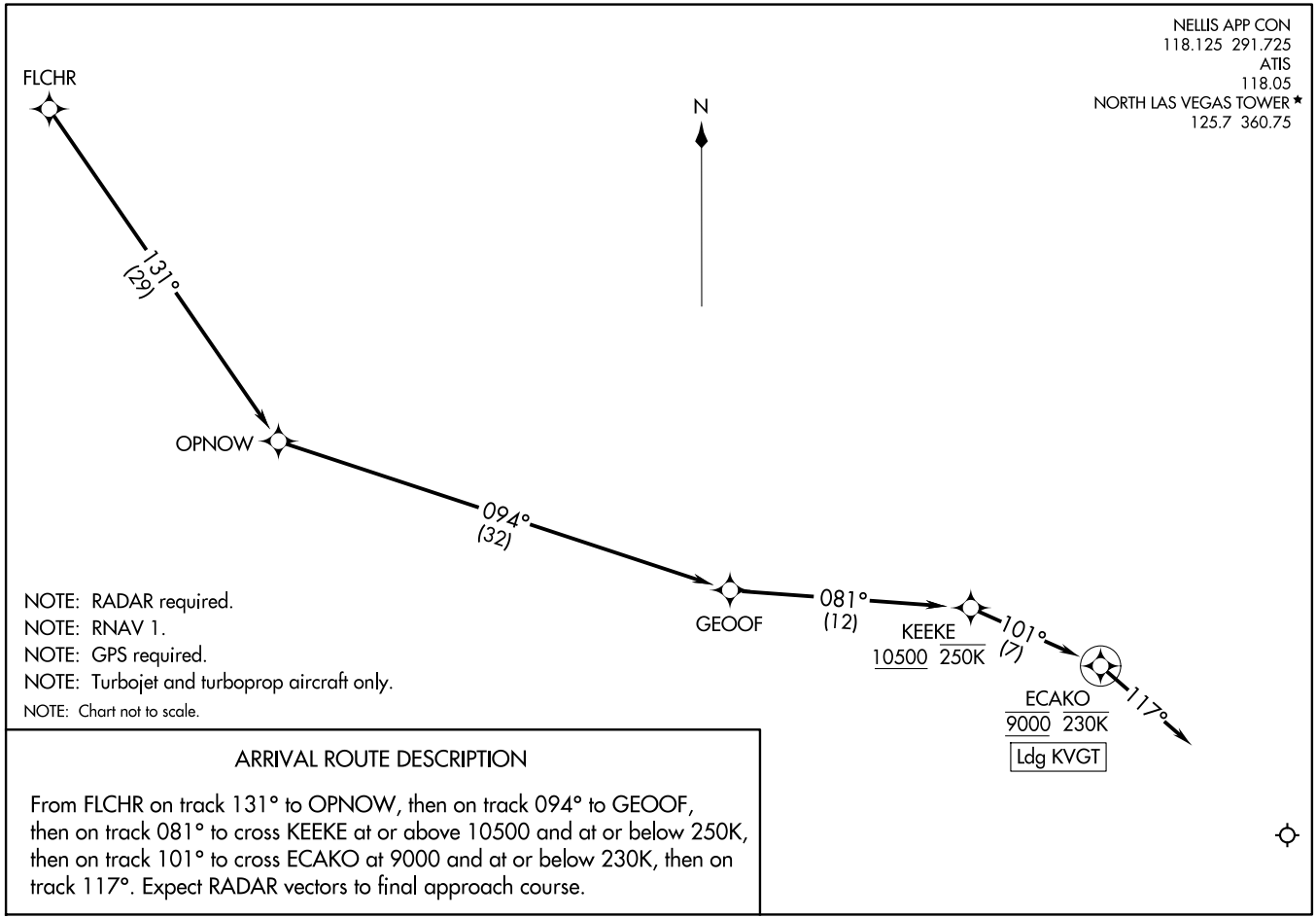
From KLUBS on track 153° to EELZA, then on track 139° to cross BEETH at or above 16000, then on track 166° to cross HIWAA at or above 12000, then on track 163° to cross BACRT at or above 11000, then on track 163° to cross FMG VORTAC at 10000, then on heading 167°. Expect assigned instrument approach for Rwy 35L/R or RADAR vectors to final approach course.

FLCHR ONE ARRIVAL (RNAV)

(FLCHR.FLCHR1) 25FEB21

(FLCHR.FLCHR1) 21056

FLCHR ONE ARRIVAL (RNAV)



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: GPS required.
NOTE: Turbojet and turboprop aircraft only.
NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From FLCHR on track 131° to OPNOW, then on track 094° to GEOOF, then on track 081° to cross KEEKE at or above 10500 and at or below 250K, then on track 101° to cross ECAKO at 9000 and at or below 230K, then on track 117°. Expect RADAR vectors to final approach course.

LAS VEGAS, NEVADA
NORTH LAS VEGAS (VGT)

NORTH LAS VEGAS (VGT)
LAS VEGAS, NEVADA

AL-6970 (FAA)

GAMES TWO ARRIVAL (RNAV)

(QWIST.GAMES2) 24MAR22

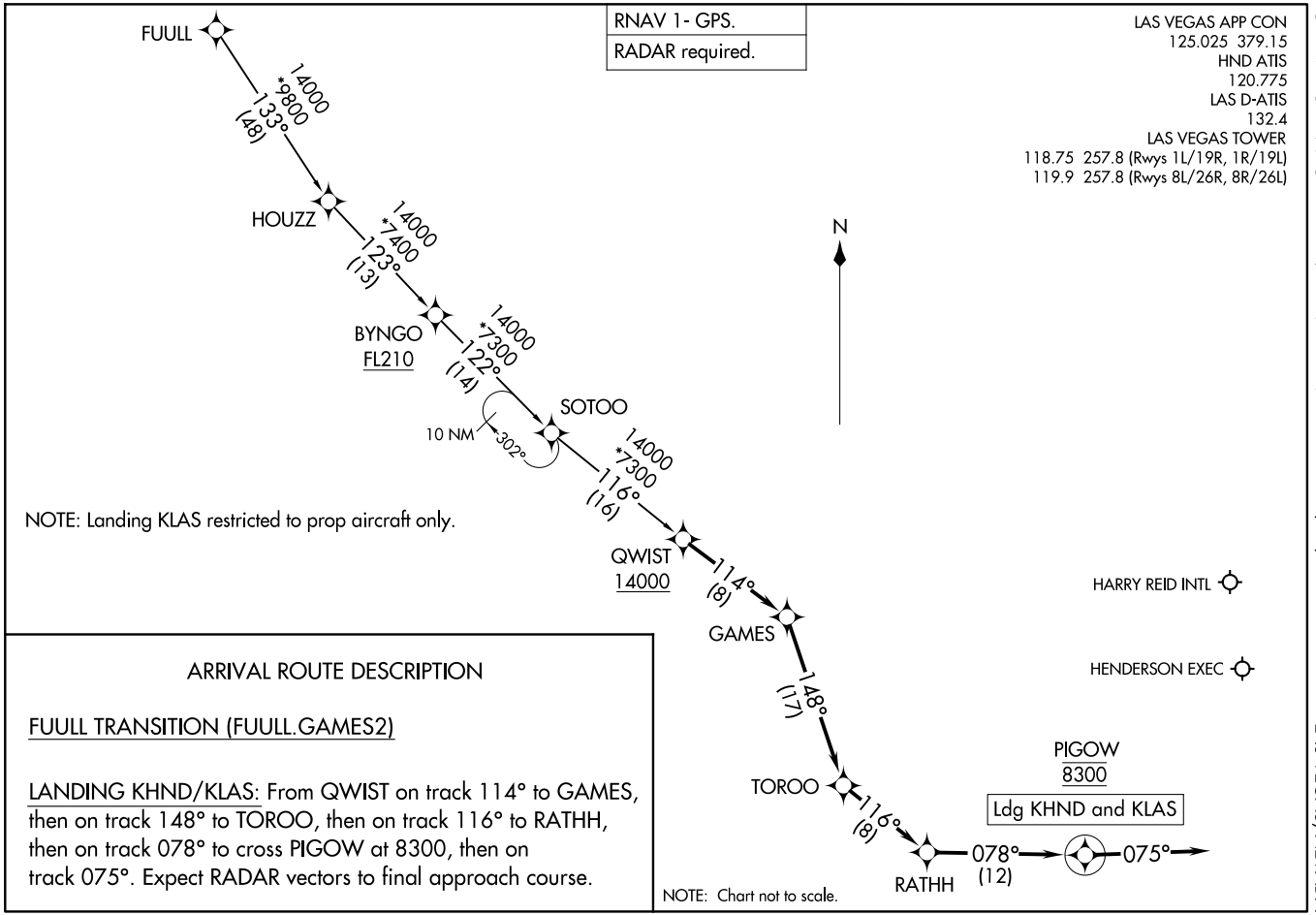
GAMES TWO ARRIVAL (RNAV)

(QWIST.GAMES2) 22083

LAS VEGAS, NEVADA

RNAV 1- GPS.
RADAR required.

LAS VEGAS APP CON
125.025 379.15
HND ATIS
120.775
LAS D-ATIS
132.4
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)



NOTE: Landing KLAS restricted to prop aircraft only.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

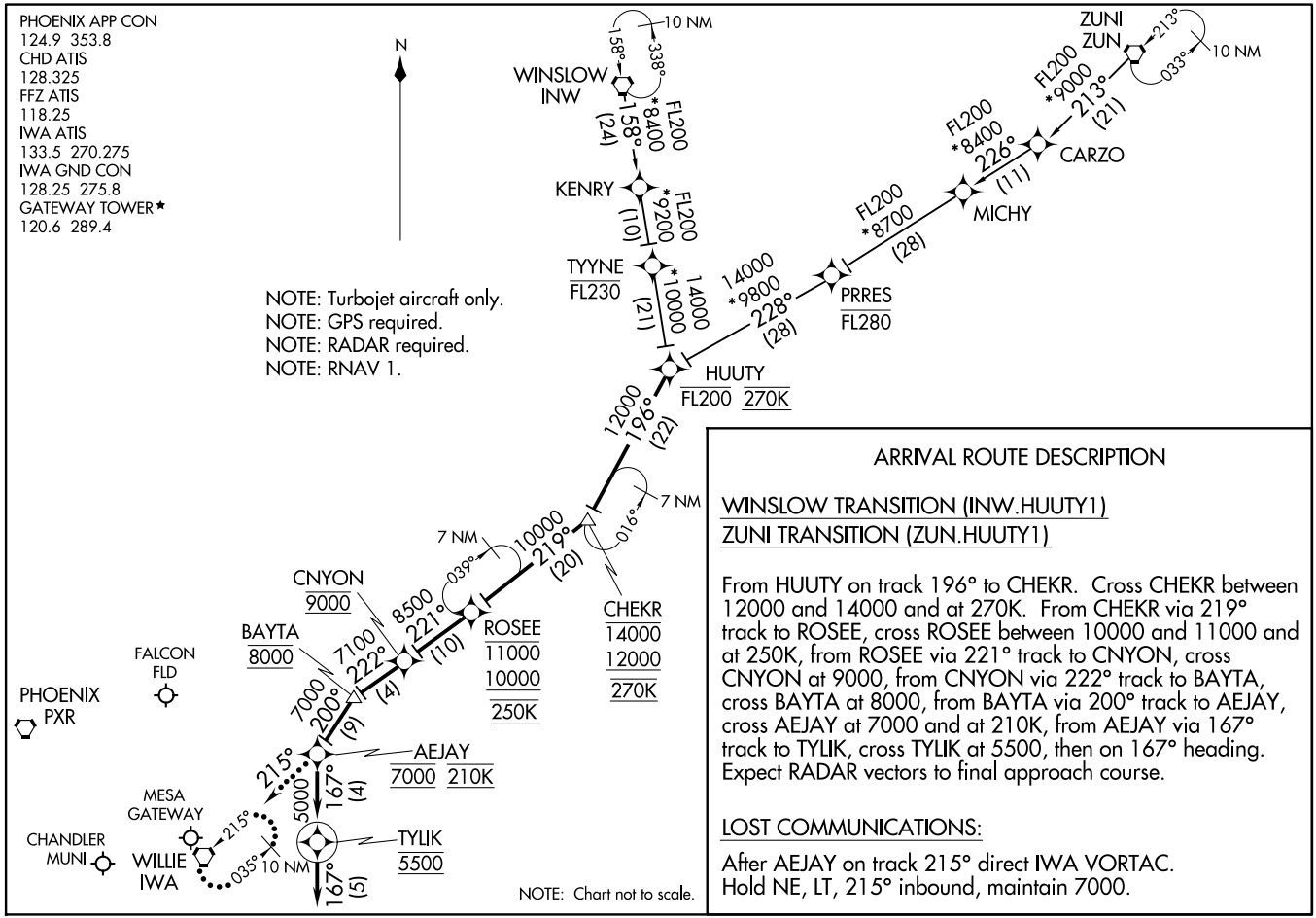
FUULL TRANSITION (FUULL.GAMES2)

LANDING KHND/KLAS: From QWIST on track 114° to GAMES, then on track 148° to TOROO, then on track 116° to RATHH, then on track 078° to cross PIGOW at 8300, then on track 075°. Expect RADAR vectors to final approach course.

HUUTY ONE ARRIVAL (RNAV)

(HUUTY.HUUTY1) 31MAY12

PHOENIX, ARIZONA



ARRIVAL ROUTE DESCRIPTION

WINSLOW TRANSITION (INW.HUUTY1)
ZUNI TRANSITION (ZUN.HUUTY1)

From HUUTY on track 196° to CHEKR. Cross CHEKR between 12000 and 14000 and at 270K. From CHEKR via 219° track to ROSEE, cross ROSEE between 10000 and 11000 and at 250K, from ROSEE via 221° track to CNYON, cross CNYON at 9000, from CNYON via 222° track to BAYTA, cross BAYTA at 8000, from BAYTA via 200° track to AEJAY, cross AEJAY at 7000 and at 210K, from AEJAY via 167° track to TYLIK, cross TYLIK at 5500, then on 167° heading. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS:

After AEJAY on track 215° direct IWA VORTAC. Hold NE, LT, 215° inbound, maintain 7000.

HUUTY ONE ARRIVAL (RNAV)

(HUUTY.HUUTY1) 25051

PHOENIX, ARIZONA

AL-74 (FAA)

Z37

PHOENIX APP CON
124.1 256.9
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwy 7R-25L, 7L-25R)
GND CON
119.75 269.2 (North)
132.55 269.2 (South)
D-ATIS
127.575
See following page for Arrival Routes.
HYDRR
FL190 265K
15000
7 NM
217°
10000
088°
(8)
SWOON
10000
037°
(20)
RKDAM
FL220
13000
037°
(24)
JUDTH
FL250 280K
FL240
071°
(19)
HOGGZ
(CONTINUED ON FOLLOWING PAGE)
13000
100°
(12)
MHAVI
FL220
090°
13000
(12)
SNRRA
FL220
SALOM
FL230 280K
13000
099°
(24)
13000
091°
(25)
SPINK
FL240
13000
091°
(7)
SCOLE
FL250 280K
FL240
091°
(35)
BLYTHE
BLH
088°
268°
12 NM
N
NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: For turbojet aircraft only.
NOTE: SALOM TRANSITION for aircraft FL230 and below.
NOTE: Chart not to scale.
BLYTHE TRANSITION (BLH.HYDRR1)
HOGGZ TRANSITION (HOGGZ.HYDRR1)
SALOM TRANSITION (SALOM.HYDRR1)

HYDRR ONE ARRIVAL (RNAV) Arrival Routes

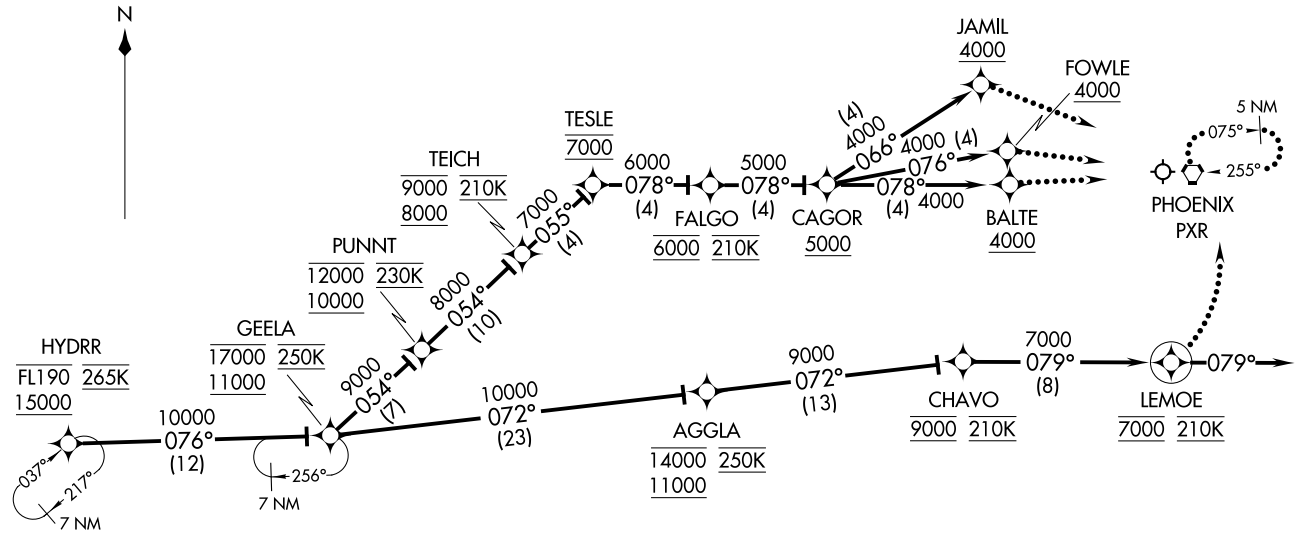
(HYDRR.HYDRR1) 18SEP14

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: For turbojet aircraft only.

PHOENIX APP CON
124.1 256.9
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwy 7R-25L, 7L-25R)
GND CON
119.75 269.2 (North)
132.55 269.2 (South)
D-ATIS
127.575



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

(HYDRR.HYDRR1) 17117

HYDRR ONE ARRIVAL (RNAV) Arrival Routes

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

AL-322 (FAA)

Z39

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

From HYDRR on track 076° track to cross GEELA at/above 11000 and at/below 17000 at 250K.

LANDING RUNWAY 7L: From GEELA on track 054° to cross PUNNT at/above 10000 and at/below 12000 and at 230K, then on track 054° to cross TEICH at/above 8000 and at/below 9000 and at 210K, then on track 055° to cross TESLE at 7000, then on track 078° to cross FALGO at 6000 and at 210K, then on track 078° to cross CAGOR at/above 5000, then on track 076° to cross FOWLE at/above 4000. Expect ILS RWY 7L approach or RADAR vectors to final approach course.

LANDING RUNWAY 7R: From GEELA on track 054° to cross PUNNT at/above 10000 and at/below 12000 and at 230K, then on track 054° to cross TEICH at/above 8000 and at/below 9000 and at 210K, then on track 055° to cross TESLE at 7000, then on track 078° to cross FALGO at 6000 and at 210K, then on track 078° to cross CAGOR at/above 5000, then on track 078° to cross BALTE at/above 4000. Expect ILS RWY 7R approach or RADAR vectors to final approach course.

LANDING RUNWAY 8: From GEELA on track 054° to cross PUNNT at/above 10000 and at/below 12000 and at 230K, then on track 054° to cross TEICH at/above 8000 and at/below 9000 and at 210K, then on track 055° to cross TESLE at 7000, then on track 078° to cross FALGO at 6000 and at 210K, then on track 078° to cross CAGOR at/above 5000, then on track 066° to cross JAMIL at/above 4000. Expect ILS RWY 8 approach or RADAR vectors to final approach course.

LANDING RUNWAYS 25L, 25R, 26: From GEELA on track 072° to cross AGGLA at/above 11000 and at/below 14000 and at 250K, then on track 072° to cross CHAVO at 9000 and at 210K, then on track 079° to cross LEMOE at 7000 at 210K, then on track 079°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

LANDING RUNWAY 7L: At FOWLE intercept and execute RWY 7L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 7R: At BALTE intercept and execute RWY 7R ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 8: At JAMIL intercept and execute RWY 8 ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 25L: At LEMOE turn left, intercept and execute RWY 25L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 25R: At LEMOE turn left, intercept and execute RWY 25R RNAV (GPS) approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 26: At LEMOE, turn left, intercept and execute RWY 26 ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.

(PEHTY.ISHEE2) 26246

ISHEE TWO ARRIVAL

AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

ARRIVAL ROUTE DESCRIPTION

DRAKE TRANSITION (DRK.ISHEE2): From over DRK VORTAC on DRK R-281 and IGM R-100 to IGM VOR/DME, then on IGM R-325 to PEHTY, thence. . . .

PEACH SPRINGS TRANSITION (PGS.ISHEE2): From over PGS VOR/DME on PGS R-270 to PEHTY, thence. . . .

. . . .from over PEHTY on BLD R-097 to BLD VORTAC, expect RADAR vectors to final aproach course.

LOST COMMUNICATIONS: After ISHEE proceed direct BLD VORTAC and hold. Maintain 8000 or last assigned altitude whichever is higher.

SW-4, 03 SEP 2026 to 29 OCT 2026

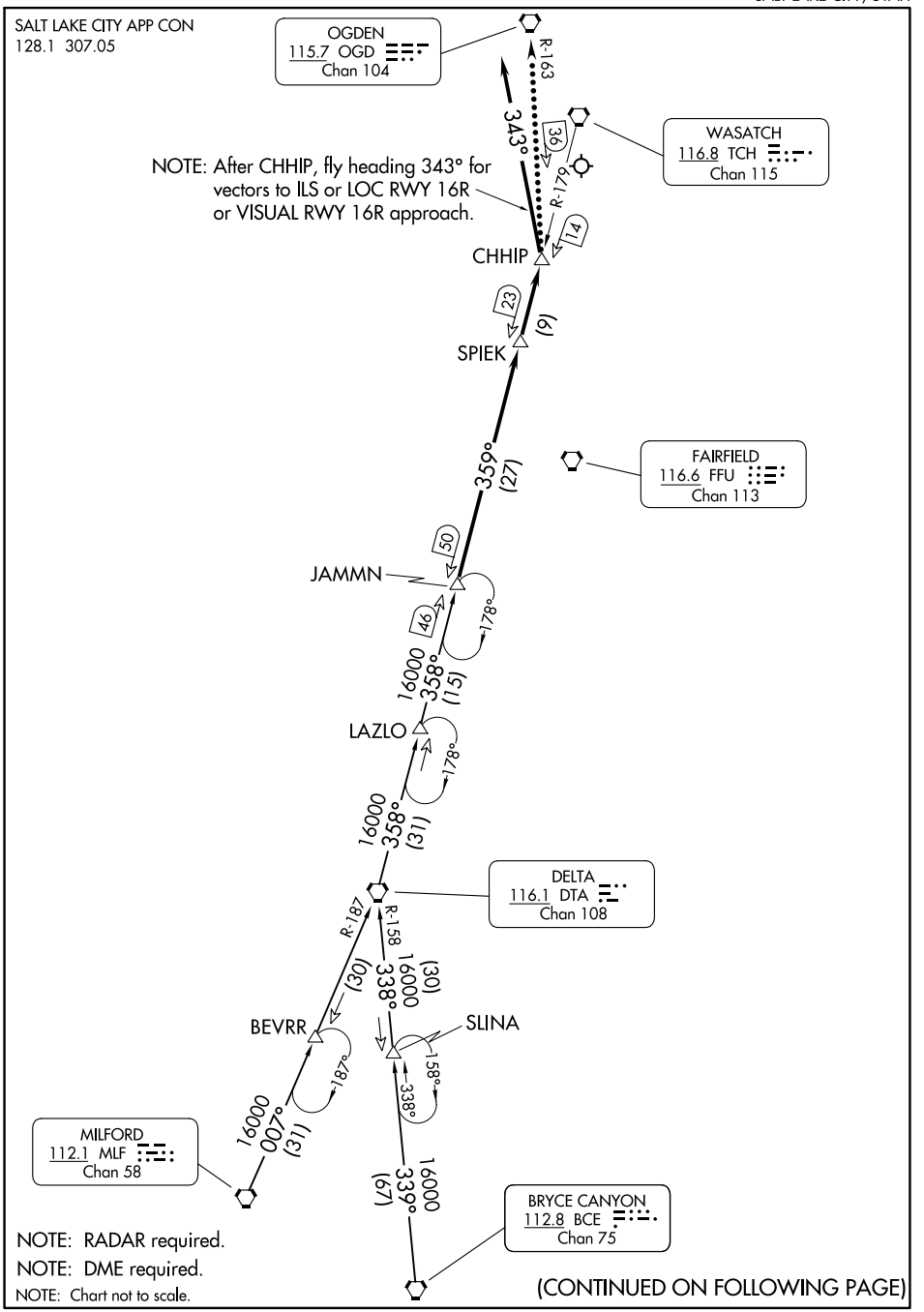
ISHEE TWO ARRIVAL

(PEHTY.ISHEE2) 27JAN22

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

SW-4, 03 SEP 2026 to 29 OCT 2026

JAMMN FIVE ARRIVAL



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

BRYCE CANYON TRANSITION (BCE.JAMMN5): From over BCE VORTAC via BCE R-339 and DTA R-158 to DTA VORTAC. Then via DTA R-358 to JAMMN. Thence. . . .
MILFORD TRANSITION (MLF.JAMMN5): From over MLF VORTAC via MLF R-007 and DTA R-187 to DTA VORTAC. Then via DTA R-358 to JAMMN. Thence. . . .

. . . .From JAMMN on TCH VORTAC R-179 to CHHIP, then fly heading 343° for vectors to ILS or LOC RWY 16R or VISUAL Rwy 16R approach.

LOST COMMUNICATIONS
In the event of lost communications, at CHHIP proceed direct OGD VORTAC. Maintain 11000 until OGD VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

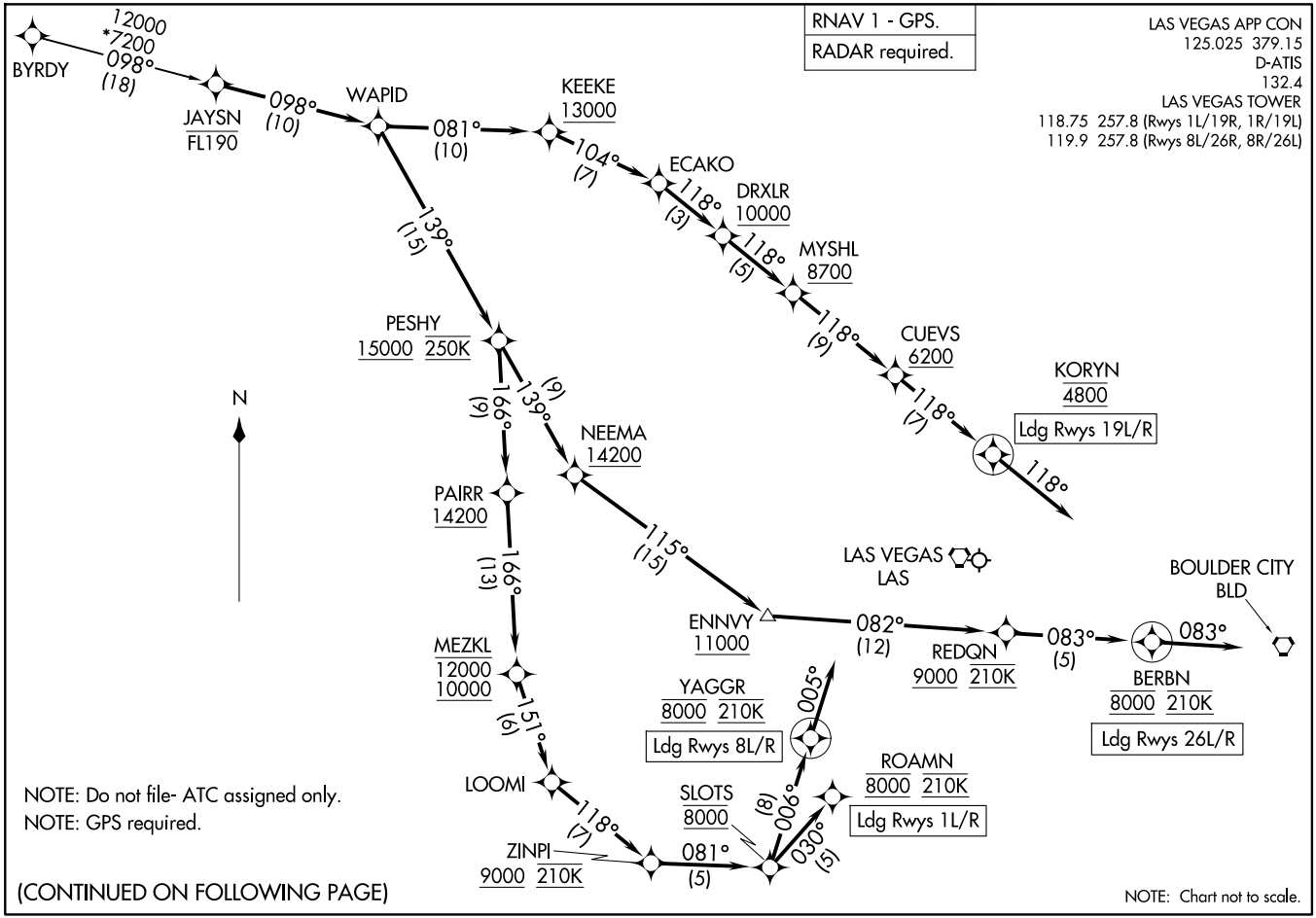
JAYSN THREE ARRIVAL (RNAV)

(JAYSN.JAYSN3) 31OCT24

LAS VEGAS, NEVADA

HARRY REID INTL (LAS)

Z44



(JAYSN.JAYSN3) 24305

JAYSN THREE ARRIVAL (RNAV)

AL-662 (FAA)

HARRY REID INTL (LAS)

LAS VEGAS, NEVADA

ARRIVAL ROUTE DESCRIPTION

BYRDY TRANSITION (BYRDY.JAYSN3)

From JAYSN on track 098° to WAPID.

LANDING RUNWAYS 1L/R: From WAPID on track 139° to cross PESHY at or above 15000 and at 250K, then on track 166° to cross PAIRR at or above 14200, then on track 166° to cross MEZKL between 10000 and 12000, then on track 151° to LOOMI, then on track 118° to cross ZINPI at or above 9000 and at 210K, then on track 081° to cross SLOTS at 8000, then on track 030° to cross ROAMN at 8000 and at 210K. Expect ILS or LOC RWY 1L or RADAR vectors to final approach course.

LANDING RUNWAYS 8L/R: From WAPID on track 139° to cross PESHY at or above 15000 and at 250K, then on track 166° to cross PAIRR at or above 14200, then on track 166° to cross MEZKL between 10000 and 12000, then on track 151° to LOOMI, then on track 118° to cross ZINPI at or above 9000 and at 210K, then on track 081° to cross SLOTS at 8000, then on track 006° to cross YAGGR at 8000 and at 210K, then on track 005° . Expect RADAR vectors to final approach course.

LANDING RUNWAYS 19L/R: From WAPID on track 081° to cross KEEKE at or above 13000, then on track 104° to ECAKO, then on track 118° to cross DRXLR at or above 10000, then on track 118° to cross MYSHL at or above 8700, then on track 118° to cross CUEVS at or above 6200, then on track 118° to cross KORYN at 4800, then on track 118°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 26L/R: From WAPID on track 139° to cross PESHY at or above 15000 and at 250K, then on track 139° to cross NEEMA at or above 14200, then on track 115° to cross ENNVY at or above 11000, then on track 082° to cross REDQN at or above 9000 and at 210K, then on track 083° to cross BERBN at 8000 and at 210K, then on track 083°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

LANDING RUNWAY 8R: At YAGGR proceed on the RNAV (RNP) RWY 8R approach, if unable, proceed visually to intercept the final approach course; if unable, maintain 8000 proceed to LAS VORTAC then maintain 7000 proceed to BLD VORTAC and then on the ILS or LOC RWY 26L approach.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

JAZZZ ONE ARRIVAL (RNAV)

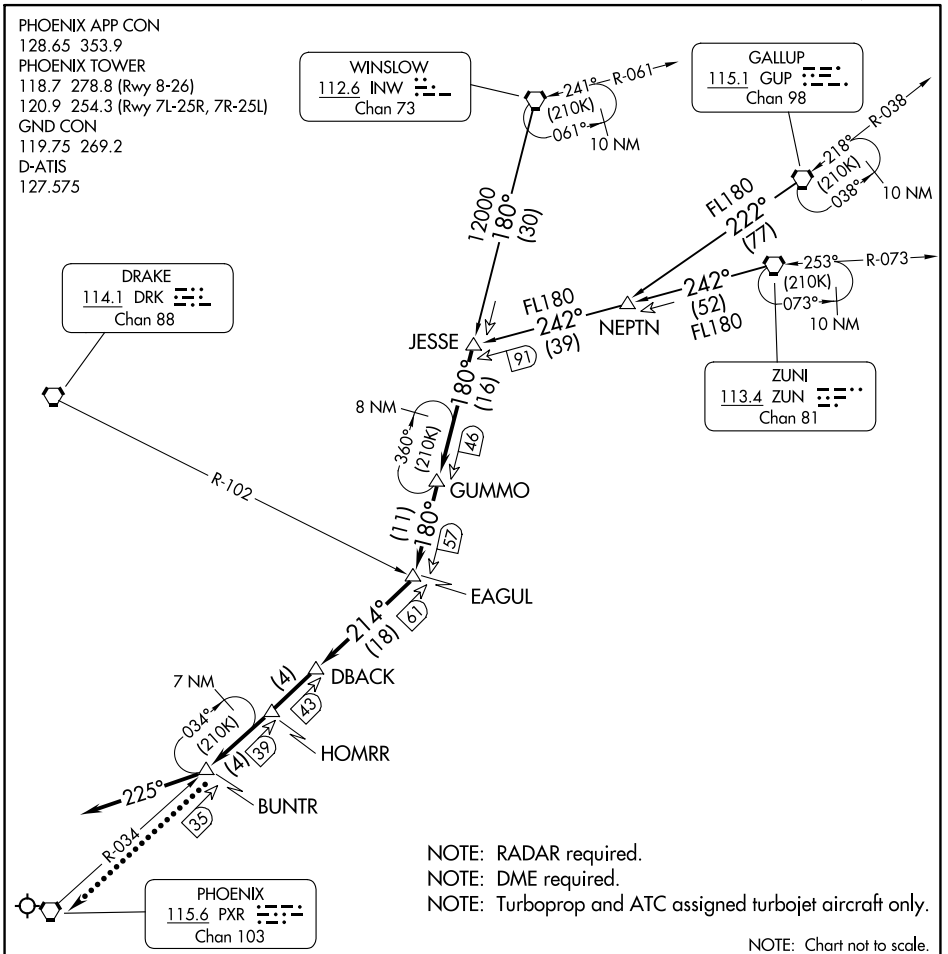
JAZZZ ONE ARRIVAL (RNAV)

(JESSE.JESSE3) 26246

JESSE THREE ARRIVAL

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA



ARRIVAL ROUTE DESCRIPTION

GALLUP TRANSITION (GUP.JESSE3): From over GUP VORTAC on GUP R-222 and ZUN R-242 to JESSE. Thence. . . .

WINSLOW TRANSITION (INW.JESSE3): From over INW VORTAC on INW R-180 to JESSE. Thence. . . .

ZUNI TRANSITION (ZUN.JESSE3): From over ZUN VORTAC on ZUN R-242 to JESSE. Thence. . . .

. . . .From over JESSE on INW R-180 to GUMMO, then on INW R-180 to EAGUL, then on PXR R-034 to DBACK, then on PXR R-034 to HOMRR, then on PXR R-034 to BUNTR, after BUNTR fly heading 225°, expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

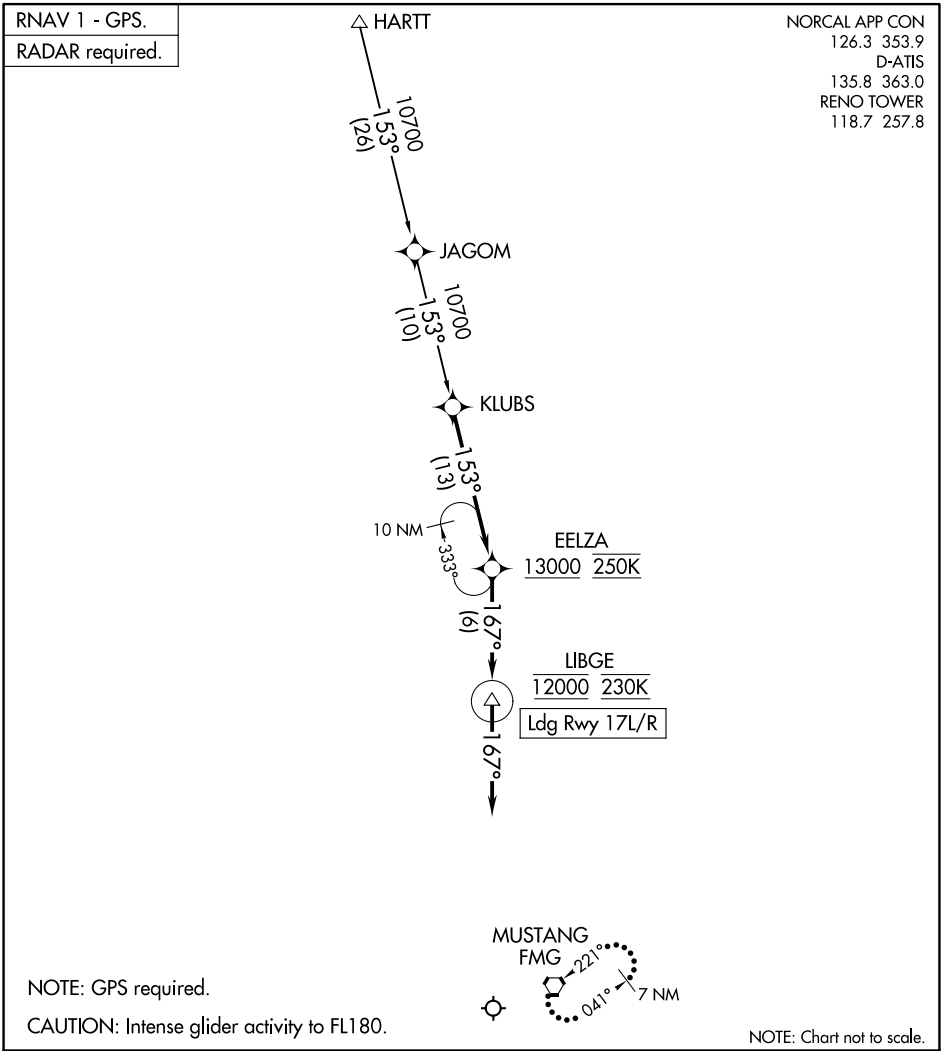
After BUNTR, proceed direct to PXR VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

KLUBS ONE ARRIVAL (RNAV)

AL-346 (FAA)

RNAV 1 - GPS.
RADAR required.



SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

HARTT TRANSITION (HARTT.KLUBS1)

From KLUBS on track 153° to cross EELZA at or above 13000 and at 250K, then on track 167° to cross LIBGE at 12000 and at 230K, then on heading 167°. Expect assigned instrument approach for Rwy 17L/R or RADAR vectors to final approach course.

LOST COMMUNICATIONS

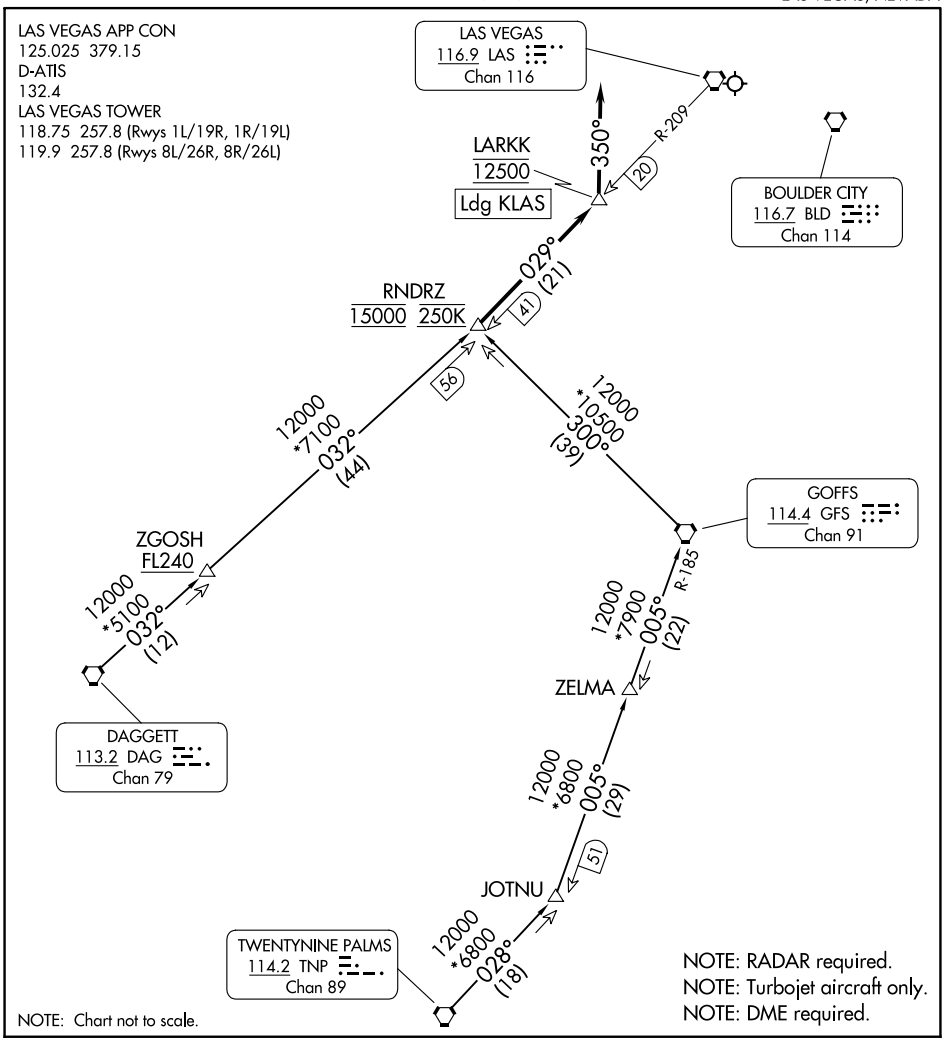
At LIBGE, proceed inbound via Rwy 17R ILS approach. If unable, direct FMG VORTAC and hold.

(RNDRZ.LARKK1) 26246

LARKK ONE ARRIVAL

AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA



ARRIVAL ROUTE DESCRIPTION

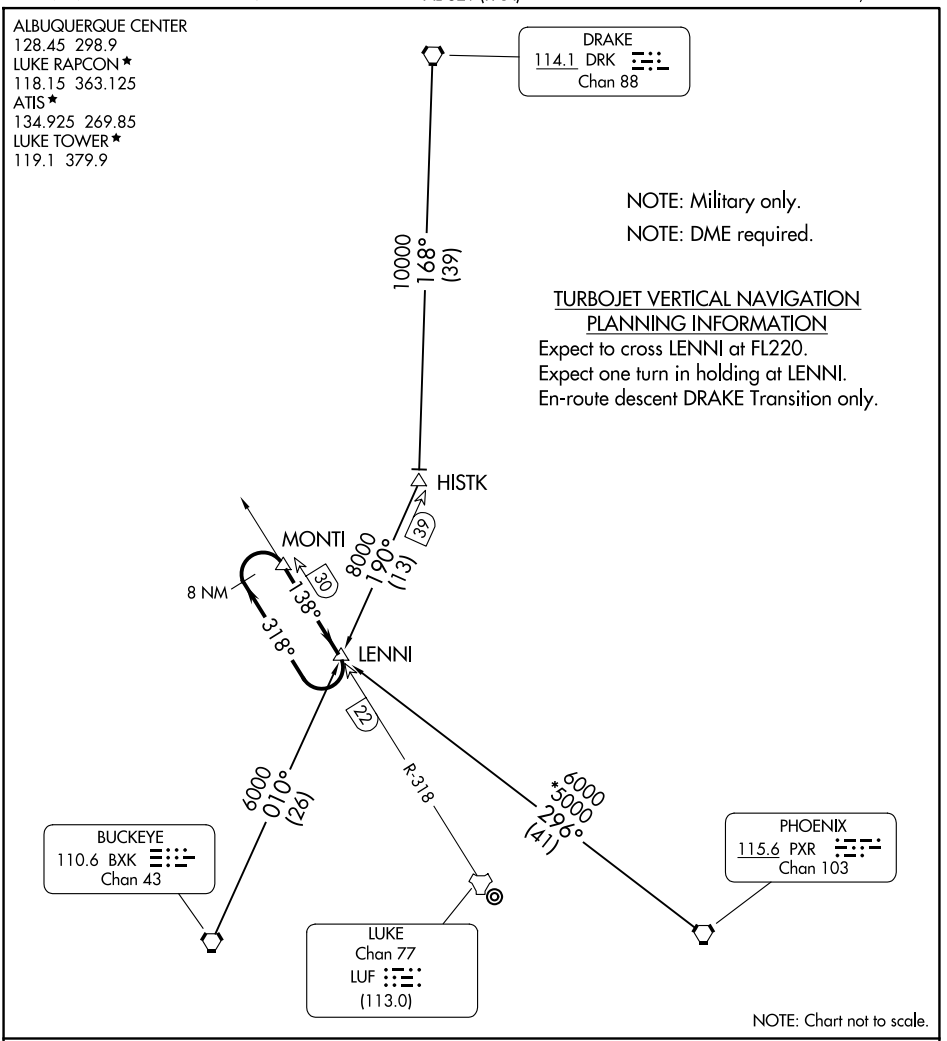
DAGGETT TRANSITION (DAG.LARKK1): From over DAG VORTAC on DAG R-032 to RNDRZ, thence. . . .

TWENTYNINE PALMS TRANSITION (TNP.LARKK1): From over TNP VORTAC on TNP R-028 and GFS R-185 to GFS VORTAC, then on GFS R-300 to RNDRZ, thence. . . .

. . . .from over RNDRZ on LAS R-209 to cross LARKK at 12500, then depart LARKK heading 350° for vectors to final aproach.

LOST COMMUNICATIONS: Proceed to BLD VORTAC and hold. Maintain 8000 or last assigned altitude whichever is greater.

SW-4, 03 SEP 2026 to 29 OCT 2026



ARRIVAL ROUTE DESCRIPTION

BUCKEYE TRANSITION (BXK.LENNI4): From over BXK VORTAC on BXK R-010 to LENNI. Thence . . . .

DRAKE TRANSITION (DRK.LENNI4): From over DRK VORTAC on DRK R-168 and BXK R-010 to LENNI. Thence . . . .

PHOENIX TRANSITION (PXR.LENNI4): From over PXR VORTAC on PXR R-296 to LENNI. Thence . . . .

. . . . expect one turn in holding at LENNI followed by HI-TACAN, HI-ILS or LOC/DME to Luke AFB.

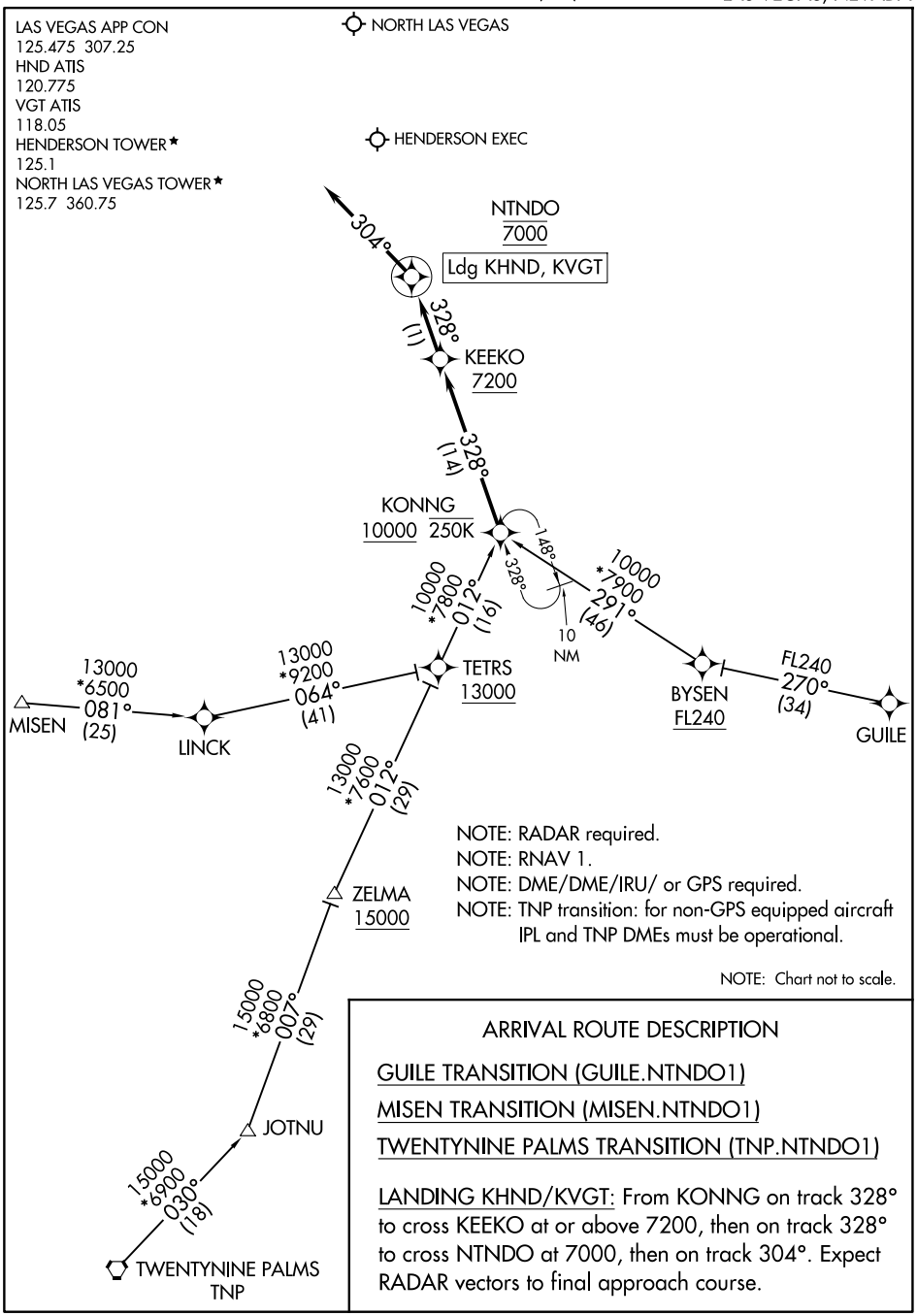
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(KONNG.NTNDO1) 21336

NTNDO ONE ARRIVAL (RNAV)

AL-6514 (FAA)

LAS VEGAS, NEVADA



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU/ or GPS required.
NOTE: TNP transition: for non-GPS equipped aircraft IPL and TNP DMEs must be operational.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

GUILE TRANSITION (GUILE.NTNDO1)

MISEN TRANSITION (MISEN.NTNDO1)

TWENTYNINE PALMS TRANSITION (TNP.NTNDO1)

LANDING KHND/KVGT: From KONNG on track 328° to cross KEEKO at or above 7200, then on track 328° to cross NTNDO at 7000, then on track 304°. Expect RADAR vectors to final approach course.

NTNDO ONE ARRIVAL (RNAV)

LAS VEGAS, NEVADA

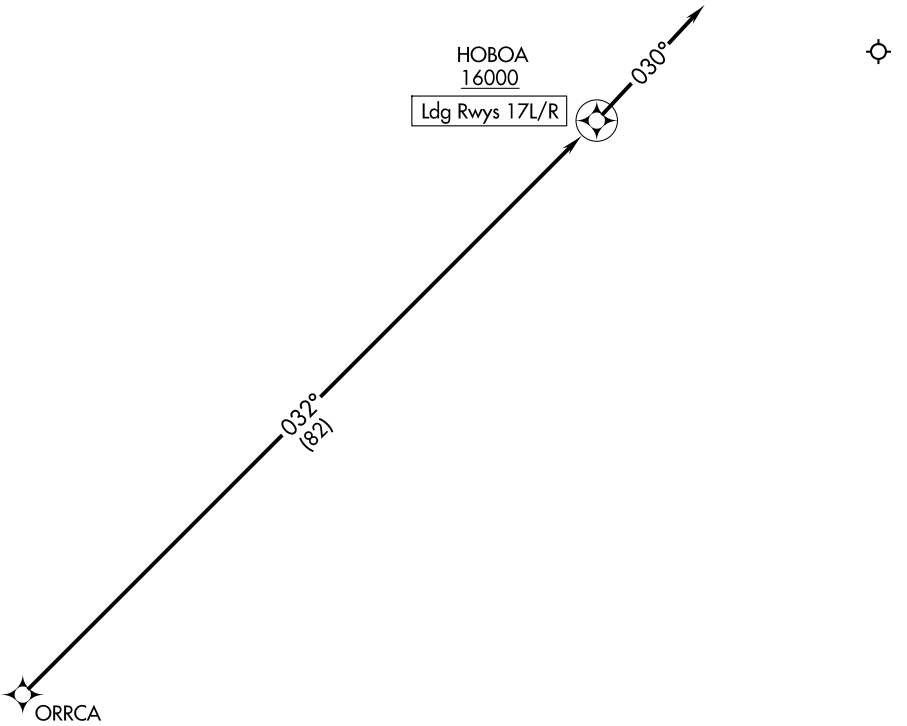
(KONNG.NTNDO1) 25FEB21

SW-4, 03 SEP 2026 to 29 OCT 2026

ORRCA ONE ARRIVAL (RNAV)

NORCAL APP CON
126.3 353.9
D-ATIS
135.8 363.0
RENO TOWER
118.7 257.8

RNAV 1- DME/DME/IRU or GPS.
RADAR required.



CAUTION: Intense glider activity to FL180.

NOTE: Chart not to scale.

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

From ORRCA on track 032° to cross HOBOA at/above 16000, then on track 030°. Expect assigned instrument approach for Rwys 17L/R or RADAR vectors to final approach course.

(PINNG.PINNG1) 17117 AL-322 (FAA)

PINNG ONE ARRIVAL (RNAV) Transition Routes

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

PHOENIX APP CON
124.1 256.9
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7R-25L, 7L-25R)
GND CON
119.75 269.2 (North)
132.55 269.2 (South)
D-ATIS
127.575

NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turbojet aircraft only.

N

See following page for Arrival Routes.

PINNG
17000 270K

112°
10 NM

17000
316°
(16)

HOTTT
FL250 280K
FL220

17000
292°
(19)

HYBRD
FL250
FL220

FL220
292°
(10)

BNNKR
FL280 280K
FL250

092°
10 NM

FL240
272°
(74)

DRRVR

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

DRRVR TRANSITION (DRRVR.PINNG1)
HOTTT TRANSITION (HOTTT.PINNG1)

PINNG ONE ARRIVAL (RNAV) Transition Routes
(PINNG.PINNG1) 18SEP14
PHOENIX, ARIZONA
PHOENIX SKY HARBOR INTL (PHX)

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX APP CON
124.1 256.9
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7R-25L, 7L-25R)
GND CON
119.75 269.2 (North)
132.55 269.2 (South)
D-ATIS
127.575
JAGAL
4000
FINAP
6000
5000
PUKRE
9000 210K
8000
PAAAR
12000 230K
10000
BRDEY
13000 250K
PINNG
17000 270K
4000 292° (4)
4000 284° (4)
4000 282° (4)
5000 322° (12)
8000 325° (10)
10000 326° (10)
12000 296° (16)
13000 292° (18)
292°
112°
10 NM
GIPSE
4000
ZAMEX
4000
5 NM
075°
255°
PHOENIX
PXR
VISTL
7000
7000 283° (5)
7000 296° (7)
LGACY
7000 210K
RVANN
9000 230K
8000
8000 296° (8)
DDUKE
12000
10000
10000 296° (8)
WIGWM
14000 250K
12000
7000 258° (9)
NEELE
7000 210K
258°
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turbojet aircraft only.
NOTE: Chart not to scale.

(PINNG.PINNG1) 17117
PINNG ONE ARRIVAL (RNAV)
AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

From PINNG on track 292° to cross BRDEY at/above 13000 and at 250K.

LANDING RUNWAYS 7L, 7R, 8: From BRDEY on track 296° to cross WIGWM at/above 12000 and at/below 14000 and at 250K, then on track 296° to cross DDUKE at/above 10000 and at/below 12000, then on track 296° to cross RVANN at/above 8000 and at/below 9000 and at 230K, then on track 296° to cross LGACY at 7000 and at 210K, then on track 283° to VISTL, then on track 258° to cross NEELE at 7000 and at 210K, then on track 258°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 25L: From BRDEY on track 326° to cross PAAAR at/above 10000 and at/below 12000 and at 230K, then on track 325° to cross PUKRE at/above 8000 and at/below 9000 and at 210K, then on track 322° to cross FINAP at/above 5000 and at/below 6000, then on track 282° track to cross GIPSE at/above 4000. Expect ILS or LOC RWY 25L approach or RADAR vectors to final approach course.

LANDING RUNWAY 25R: From BRDEY on track 326° to cross PAAAR at/above 10000 and at/below 12000 and at 230K, then on track 325° to cross PUKRE at/above 8000 and at/below 9000 and at 210K, then on track 322° to cross FINAP at/above 5000 and at/below 6000, then on track 284° to cross ZAMEX at/above 4000. Expect RNAV (GPS) Y or (RNP) Z RWY 25R approach or RADAR vectors to final approach course.

LANDING RUNWAY 26: From BRDEY on track 326° to cross PAAAR at/above 10000 and at/below 12000 and at 230K, then on track 325° to cross PUKRE at/above 8000 and at/below 9000 and at 210K, then on track 322° to cross FINAP at/above 5000 and at/below 6000, then on track 292° to cross JAGAL at/above 4000. Expect ILS or LOC RWY 26 approach or RADAR vectors to final approach course.

LOST COMMUNICATIONS

LANDING RUNWAY 7L: At NEELE turn right, intercept and execute RWY 7L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 7R: At NEELE turn right, intercept and execute RWY 7R ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 8: At NEELE turn right, intercept and execute RWY 8 ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 25L: At GIPSE intercept and execute RWY 25L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 25R: At ZAMEX intercept and execute RWY 25R RNAV (GPS) approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
LANDING RUNWAY 26: At JAGAL intercept and execute RWY 26 ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.

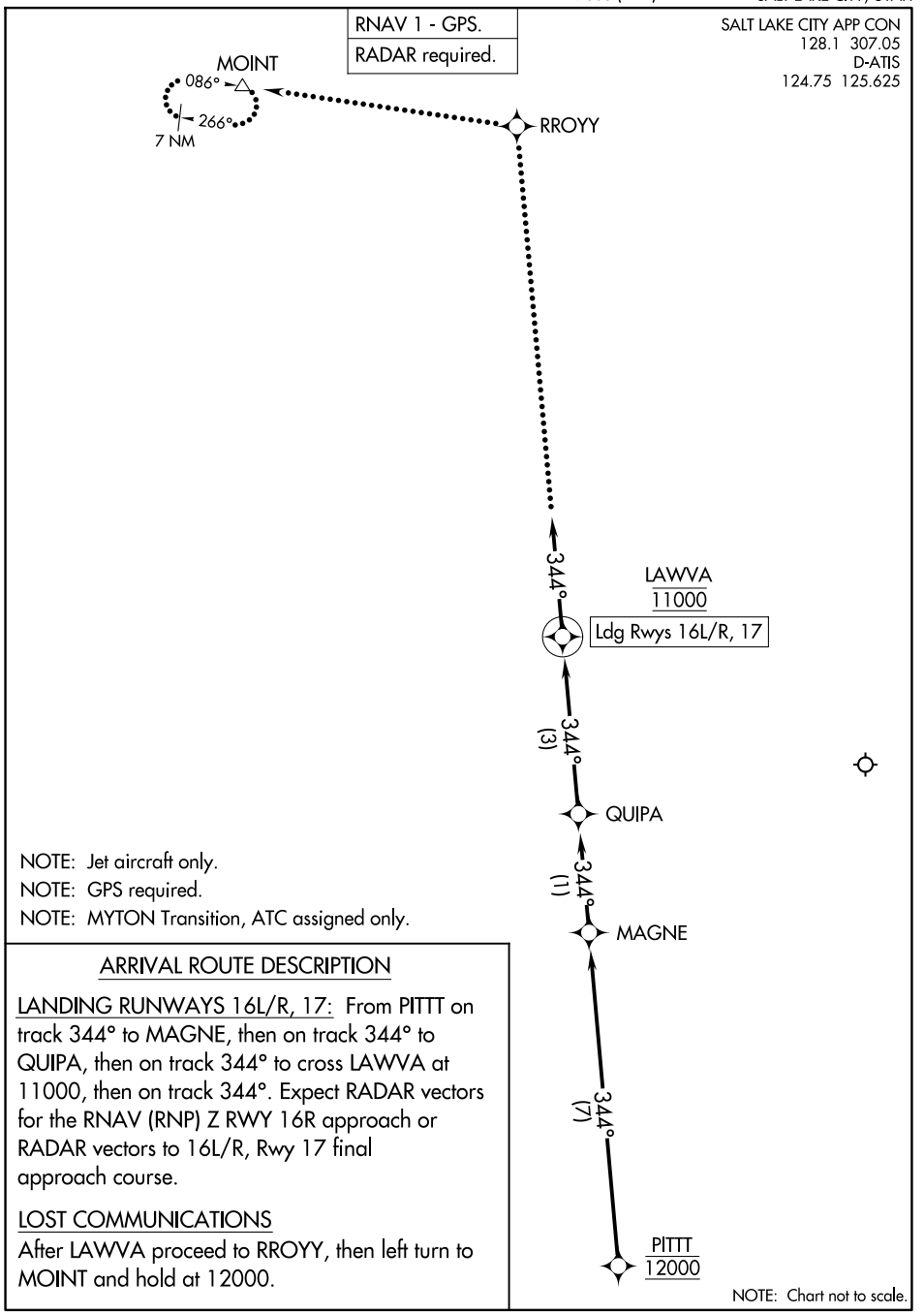
BRYCE CANYON TRANSITION (BCE.PITTT2)
HELPR TRANSITION (HELPR.PITTT2)
MEEKER TRANSITION (EKR.PITTT2)
MILFORD TRANSITION (MLF.PITTT2)
MYTON TRANSITION (MTU.PITTT2)
RNAV 1 - GPS.
RADAR required.
SALT LAKE CITY APP CON
128.1 307.05
D-ATIS
124.75 125.625
PITTT
12000
See following page for arrival routes
(5)
11200
*9500
352°
HEIRY
(5)
11200
*10100
004°
SPIEK
14000
13000
(11)
12900
004°
DRAPR
15000
14000
(16)
12900
004°
JAMMN
17000 280K
184°
11 NM
(46)
12900
003°
DELTA
DTA
(30)
12900
012°
BEVRR
(31)
12900
012°
MILFORD
MLF
(30)
12900
343°
SLINA
17000
163°
12 NM
(67)
14400
343°
BRYCE CANYON
BCE
192°
12 NM
(13)
11200
343°
DRYVE
15000
(10)
11200
319°
FAIRFIELD
FFU
17000
(13)
11200
285°
LEEHY
(7)
12400
285°
SPANE
FL190 280K
10 NM
105°
12400
258°
(15)
THISL
(50)
12400
258°
MYTON
MTU
12 NM
082°
(57)
12400
262°
RACER
16 NM
082°
(44)
12400
262°
MEEKER
EKR
(15)
285°
12400
GOSHU
(36)
12400
285°
HELPR
12 NM
105°
285°
N
NOTE: Jet aircraft only.
NOTE: GPS required.
NOTE: MYTON Transition, ATC assigned only.
NOTE: Chart not to scale.
(CONTINUED ON FOLLOWING PAGE)

(PITTT.PITTT2) 26078

PITTT TWO ARRIVAL (RNAV) Arrival Routes

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH

AL-365 (FAA)



NOTE: Jet aircraft only.
NOTE: GPS required.
NOTE: MYTON Transition, ATC assigned only.

ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAYS 16L/R, 17: From PITTT on track 344° to MAGNE, then on track 344° to QUIPA, then on track 344° to cross LAWVA at 11000, then on track 344°. Expect RADAR vectors for the RNAV (RNP) Z RWY 16R approach or RADAR vectors to 16L/R, Rwy 17 final approach course.

LOST COMMUNICATIONS

After LAWVA proceed to RROYY, then left turn to MOINT and hold at 12000.

PITTT TWO ARRIVAL (RNAV) Arrival Routes

SALT LAKE CITY, UTAH
SALT LAKE CITY INTL (SLC)

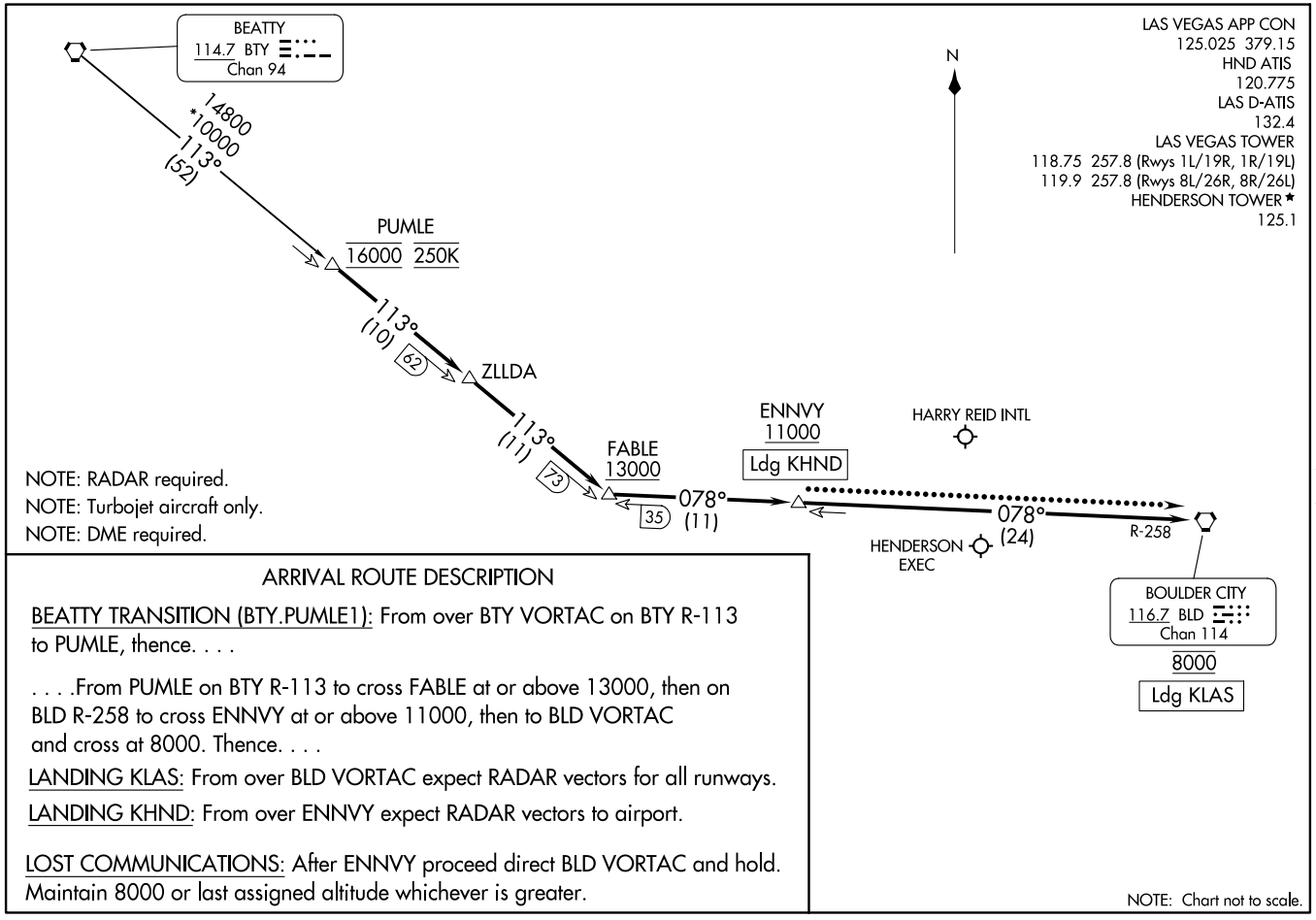
(PITTT.PITTT2) 19MAR26

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

PUMLE ONE ARRIVAL

(PUMLE.PUMLE1) 25FEB21



ARRIVAL ROUTE DESCRIPTION

BEATTY TRANSITION (BTY.PUMLE1): From over BTY VORTAC on BTY R-113 to PUMLE, thence. . . .

. . . .From PUMLE on BTY R-113 to cross FABLE at or above 13000, then on BLD R-258 to cross ENNVY at or above 11000, then to BLD VORTAC and cross at 8000. Thence. . . .

LANDING KLAS: From over BLD VORTAC expect RADAR vectors for all runways.

LANDING KHND: From over ENNVY expect RADAR vectors to airport.

LOST COMMUNICATIONS: After ENNVY proceed direct BLD VORTAC and hold. Maintain 8000 or last assigned altitude whichever is greater.

NOTE: Chart not to scale.

PUMLE ONE ARRIVAL

(PUMLE.PUMLE1) 26246

AL-662 (FAA)

Z58

LAS VEGAS, NEVADA

LAS VEGAS, NEVADA

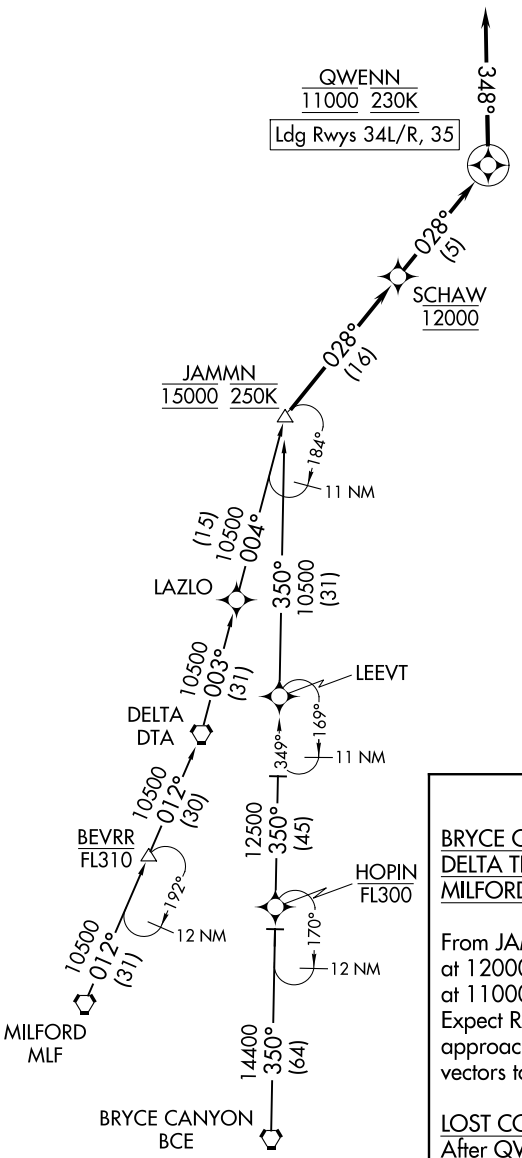
(JAMMN.QWENN7) 26134 AL-365 (FAA)

QWENN SEVEN ARRIVAL (RNAV)

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH

SALT LAKE CITY APP CON
128.6 322.3
D-ATIS
124.75 125.625

RNAV 1 - GPS.
RADAR required.



NOTE: Jet aircraft only.
NOTE: GPS required.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

BRYCE CANYON TRANSITION (BCE.QWENN7)
DELTA TRANSITION (DTA.QWENN7)
MILFORD TRANSITION (MLF.QWENN7)

From JAMMN on track 028° to cross SCHAW at 12000, then on track 028° to cross QWENN at 11000 and at 230K, then on track 348°. Expect RADAR vectors for ILS or RNAV approach to Rwys 34L/R, 35 or RADAR vectors to final approach course.

LOST COMMUNICATIONS
After QWENN, proceed on the ILS or LOC RWY 34R approach.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

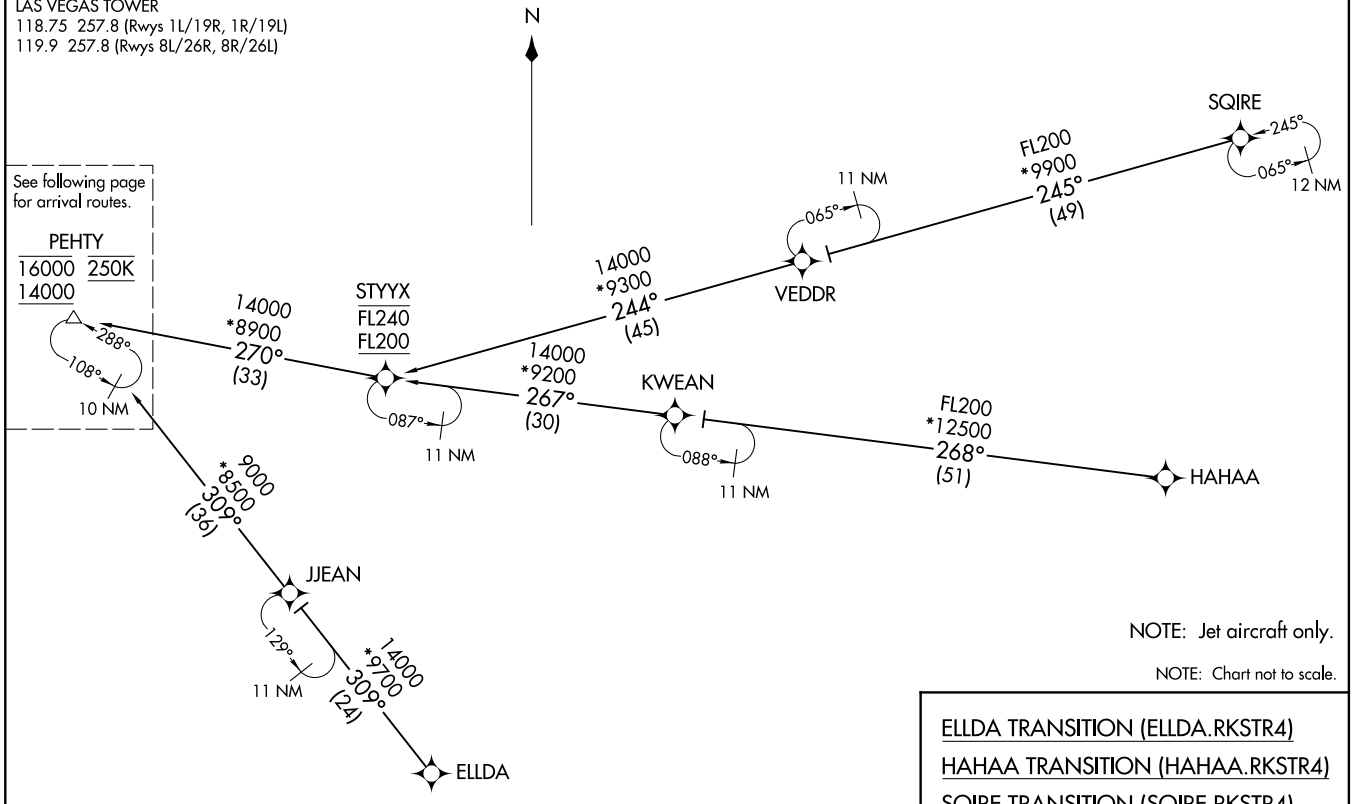
RKSTR FOUR ARRIVAL (RNAV) Transition Routes

(PEHTY.RKSTR4) 31OCT24

LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

LAS VEGAS APP CON
119.775 282.2
D-ATIS
132.4
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)

RNAV 1- DME/DME/IRU or GPS.
RADAR required.



NOTE: Jet aircraft only.

NOTE: Chart not to scale.

ELLDA TRANSITION (ELLDA.RKSTR4)
HAHAA TRANSITION (HAHAA.RKSTR4)
SQIRE TRANSITION (SQIRE.RKSTR4)

(CONTINUED ON FOLLOWING PAGE)

RKSTR FOUR ARRIVAL (RNAV) Transition Routes
(PEHTY.RKSTR4) 24305
HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

AL-662 (FAA)

Z60

(PEHTY.RKSTR4) 24305

AL-662 (FAA)

RKSTR FOUR ARRIVAL (RNAV) Arrival Routes

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RKSTR FOUR ARRIVAL (RNAV) Arrival Routes

(PEHTY.RKSTR4) 31OCT24

LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

From PEHTY on track 288° to RKSTR.

LANDING RUNWAYS 1L/R, 8L/R: From RKSTR on track 252° to cross LEEEW at or above 14000 and at 250K, then on track 251° to cross JAIDE at or below 13000, then on track 209° to cross SHEEN at or above 12000, then on track 208° to NEETL, then on track 259° to cross CAMMP at 10000 and at 210K, then on track 338° to cross BUGSS at 9000, then on track 001° to cross VANDL at 9000, then on track 001°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 19L/R: From RKSTR on track 347° to cross GROLL at or below 11000, then on track 347° to cross FEREL at or above 10000 and at 250K, then on track 306° to cross JOVII at 10000, then on track 262° to cross FELAA at 9200, then on track 240° to cross BOOOO at 7000 and at 230K, then on track 240° to NNEON, then on track 263° to cross PPENN at 6000 and at 190K, then on track 263°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 26L: From RKSTR on track 297° to cross HUXLY between 10000 and 13000 and at 250K, then on track 296° to cross HAYLN at or below 9000, then on track 290° to cross PRINO at 8000 and at 210K. Expect ILS or LOC RWY 26L approach.

LANDING RUNWAY 26R: From RKSTR on track 297° to cross HUXLY between 10000 and 13000 and at 250K, then on track 296° to cross HAYLN at or below 9000, then on track 292° to cross FLYES at 8000 and at 210K. Expect ILS or LOC RWY 26R approach.

LOST COMMUNICATIONS

LANDING RUNWAYS 1L/R, 8L/R: At VANDL proceed on the RNAV (GPS) RWY 1R approach, if unable maintain 8100 direct BLD VORTAC and then on the ILS or LOC RWY 26L approach.

LANDING RUNWAY 19L: At PPENN proceed on the RNAV (RNP) RWY 19L approach, if unable, proceed via last track to intercept the final approach course; if unable, maintain 7000 direct LAS VORTAC then direct BLD VORTAC and then on the ILS or LOC RWY 26L approach.

(RNDRZ.RNDRZ4) 25219

RNDRZ FOUR ARRIVAL (RNAV) Transition Routes

AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNDRZ FOUR ARRIVAL (RNAV) Transition Routes

(RNDRZ.RNDRZ4) 07AUG25

LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

RNDRZ FOUR ARRIVAL (RNAV) Arrival Routes

(RNDRZ.RNDRZ4) 25219

RNDRZ FOUR ARRIVAL (RNAV)

AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAYS 1L/R: From RNDRZ on track 048° to cross RUMLY between 10000 and 13000, then on track 048° to cross HIMIT at or above 8800, then on track 048° to cross SLOTS at 8000, then on track 030° to cross ROAMN at 8000 and at 210K, then on track 030°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 8L/R: From RNDRZ on track 048° to cross RUMLY between 10000 and 13000, then on track 048° to cross HIMIT at or above 8800, then on track 048° to cross SLOTS at 8000, then on track 006° to cross YAGGR at 8000 and at 210K, then on track 005°. Expect RADAR vectors to final approach course.

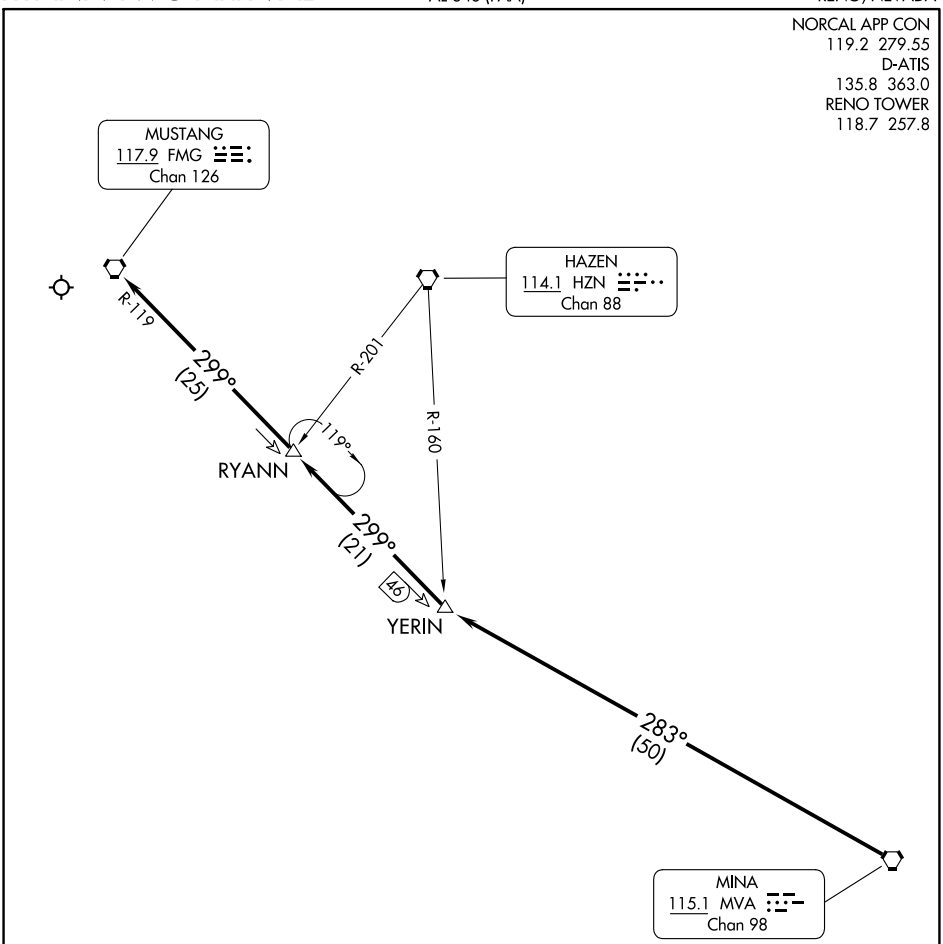
LANDING RUNWAYS 19L/R, 26L/R: From RNDRZ on track 037° to GRMMA, then on track 019° to cross BUETY at or above 13000, then on track 019° to cross ENNVY at or above 11000, then on track 082° to cross REDQN at or above 9000 and at 210K, then on track 083° to cross BERBN at 8000 and at 210K, then on track 079°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

LANDING RUNWAY 8R: At YAGGR proceed on the RNAV (RNP) RWY 8R approach, if unable, proceed visually to intercept the final approach course; if unable, maintain 8000 proceed direct LAS VORTAC then maintain 7000 proceed to BLD VORTAC and then on the ILS or LOC RWY 26L approach.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026



CAUTION: Intense glider activity to FL180.

NOTE: Runways 17L/R only.

NOTE: RADAR required.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

RUNWAYS 17L/R: From over MVA VORTAC on MVA R-283 to YERIN, thence on FMG R-119 to FMG VORTAC. Expect RADAR vectors to Runways 17L/R.

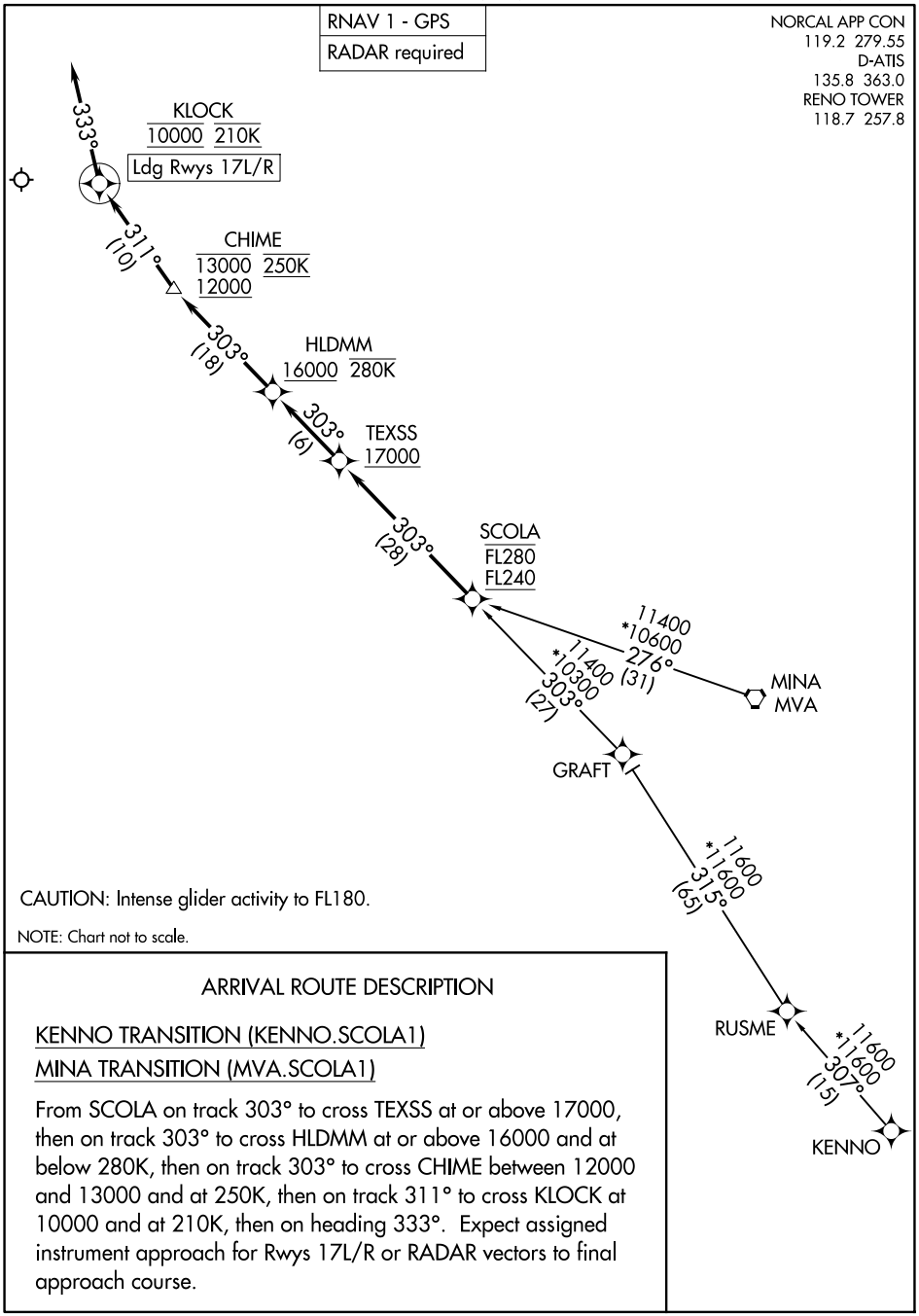
SW-4, 03 SEP 2026 to 29 OCT 2026

(SCOLA.SCOLA1) 22307

SCOLA ONE ARRIVAL (RNAV)

AL-346 (FAA)

RENO/TAHOE INTL (RNO)
RENO, NEVADA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

KENNO TRANSITION (KENNO.SCOLA1)

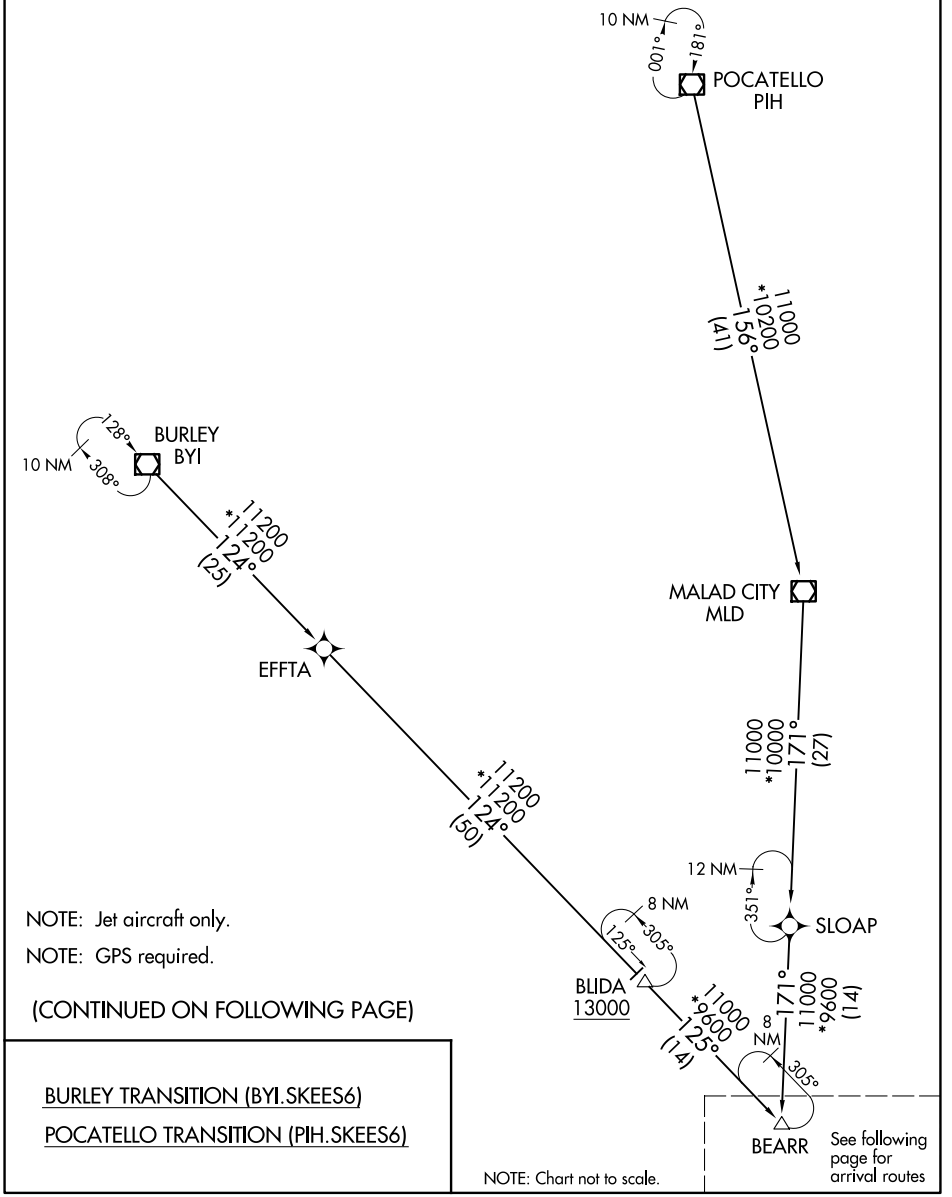
MINA TRANSITION (MVA.SCOLA1)

From SCOLA on track 303° to cross TEXSS at or above 17000, then on track 303° to cross HLDMM at or above 16000 and at below 280K, then on track 303° to cross CHIME between 12000 and 13000 and at 250K, then on track 311° to cross KLOCK at 10000 and at 210K, then on heading 333°. Expect assigned instrument approach for Rwys 17L/R or RADAR vectors to final approach course.

SKEES SIX ARRIVAL (RNAV) Transition Routes AL-365 (FAA)

SALT LAKE CITY APP CON
124.9 290.3
D-ATIS
124.75 125.625

RNAV 1 - GPS.
RADAR required.



NOTE: Jet aircraft only.

NOTE: GPS required.

(CONTINUED ON FOLLOWING PAGE)

BURLEY TRANSITION (BYI.SKEES6)

POCATELLO TRANSITION (PIH.SKEES6)

NOTE: Chart not to scale.

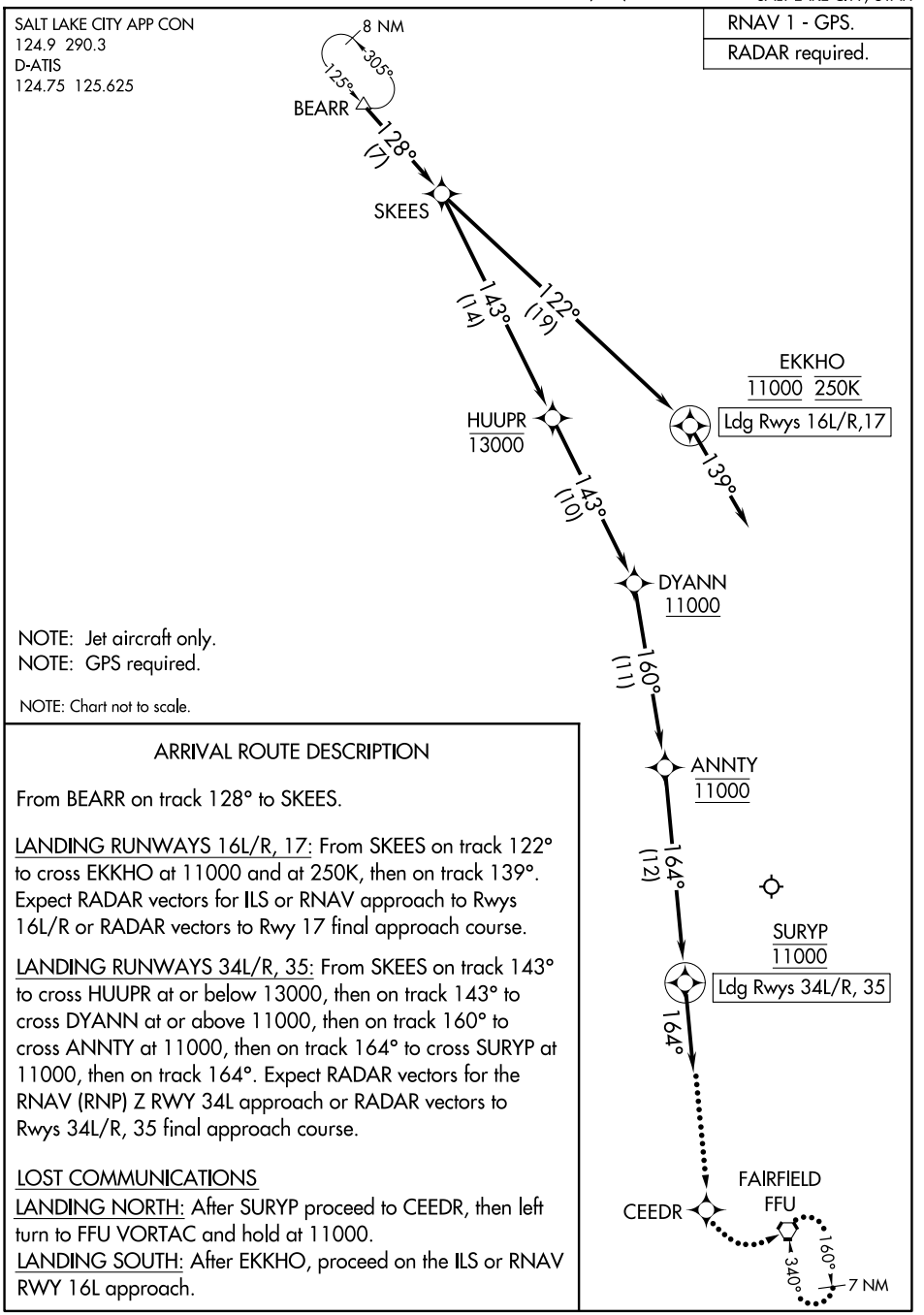
SW-4, 03 SEP 2026 to 29 OCT 2026

(BEARR.SKEES6) 25051

SKEES SIX ARRIVAL (RNAV) Arrival Routes

AL-365 (FAA)

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH



NOTE: Jet aircraft only.
NOTE: GPS required.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From BEARR on track 128° to SKEES.

LANDING RUNWAYS 16L/R, 17: From SKEES on track 122° to cross EKKHO at 11000 and at 250K, then on track 139°. Expect RADAR vectors for ILS or RNAV approach to Rwys 16L/R or RADAR vectors to Rwy 17 final approach course.

LANDING RUNWAYS 34L/R, 35: From SKEES on track 143° to cross HUUPR at or below 13000, then on track 143° to cross DYANN at or above 11000, then on track 160° to cross ANNTY at 11000, then on track 164° to cross SURYP at 11000, then on track 164°. Expect RADAR vectors for the RNAV (RNP) Z RWY 34L approach or RADAR vectors to Rwys 34L/R, 35 final approach course.

LOST COMMUNICATIONS

LANDING NORTH: After SURYP proceed to CEEDR, then left turn to FFU VORTAC and hold at 11000.

LANDING SOUTH: After EKKHO, proceed on the ILS or RNAV RWY 16L approach.

SW-4, 03 SEP 2026 to 29 OCT 2026

SKEES SIX ARRIVAL (RNAV) Arrival Routes
(BEARR.SKEES6) 20FEB25

SALT LAKE CITY, UTAH
SALT LAKE CITY INTL (SLC)

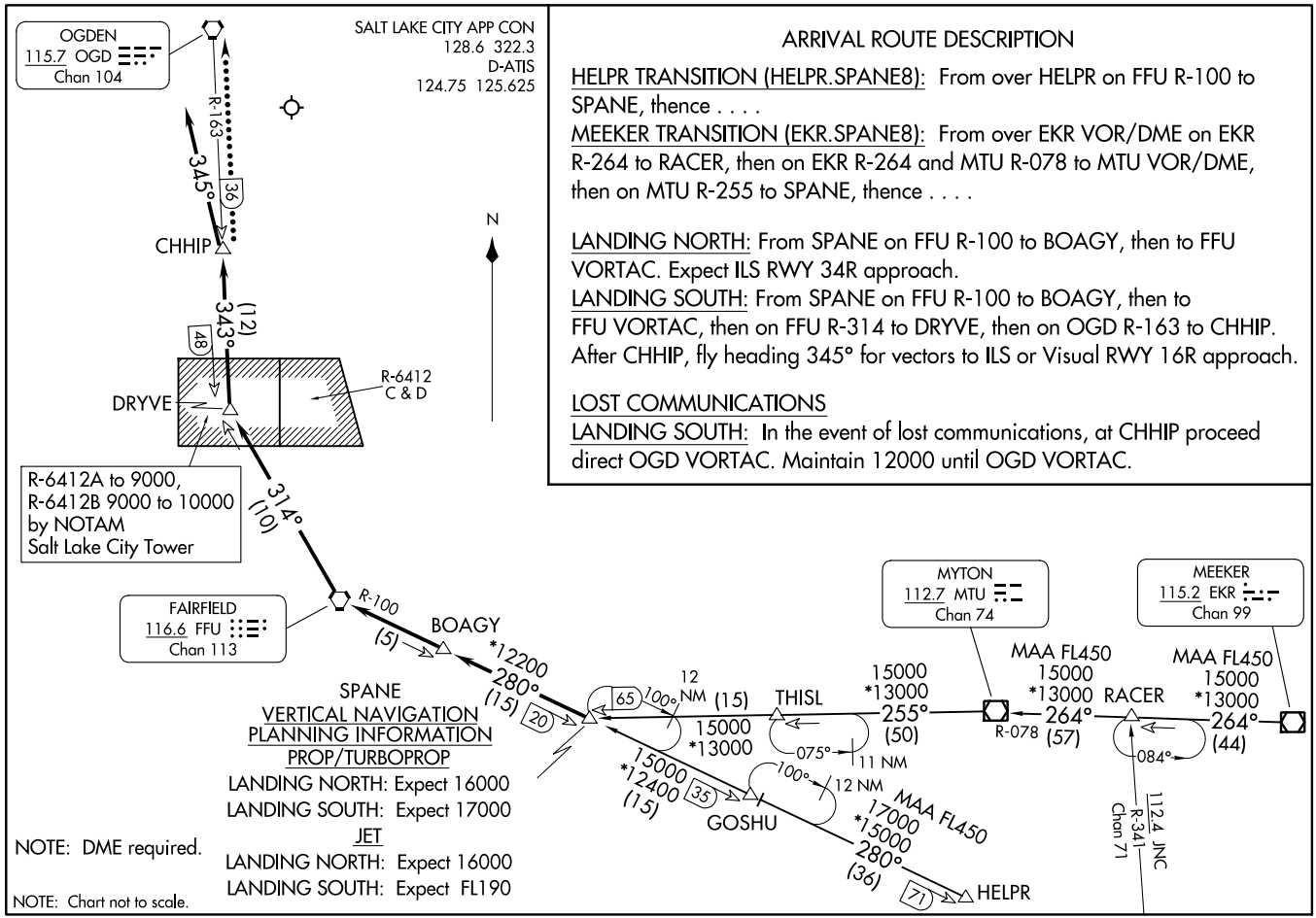
SPANE EIGHT ARRIVAL

(SPANE.SPANE8) 16MAY24

SALT LAKE CITY, UTAH

SALT LAKE CITY INTL (SLC)

Z70



ARRIVAL ROUTE DESCRIPTION

HELPR TRANSITION (HELPR.SPANE8): From over HELPR on FFU R-100 to SPANE, thence . . . .

MEEKER TRANSITION (EKR.SPANE8): From over EKR VOR/DME on EKR R-264 to RACER, then on EKR R-264 and MTU R-078 to MTU VOR/DME, then on MTU R-255 to SPANE, thence . . . .

LANDING NORTH: From SPANE on FFU R-100 to BOAGY, then to FFU VORTAC. Expect ILS RWY 34R approach.

LANDING SOUTH: From SPANE on FFU R-100 to BOAGY, then to FFU VORTAC, then on FFU R-314 to DRYVE, then on OGD R-163 to CHHIP. After CHHIP, fly heading 345° for vectors to ILS or Visual RWY 16R approach.

LOST COMMUNICATIONS

LANDING SOUTH: In the event of lost communications, at CHHIP proceed direct OGD VORTAC. Maintain 12000 until OGD VORTAC.

SPANE EIGHT ARRIVAL

(SPANE.SPANE8) 26246

SALT LAKE CITY INTL (SLC)

SALT LAKE CITY, UTAH

AL-365 (FAA)

(BAYBI.SUNSS8) 25051

SUNSS EIGHT ARRIVAL

AL-322 (FAA)

PHOENIX, ARIZONA

NOTE: RADAR required.
NOTE: DME required
NOTE: Landing PHX Sky Harbor Intl, turboprop only.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

SAN SIMON TRANSITION (SSO.SUNSS8): From over SSO VORTAC on SSO R-273 and TFD R-093 to TELGE, then on PXR R-120 to BAYBI. Thence. . . .

TUCSON TRANSITION (TUS.SUNSS8): From over TUS VORTAC on TUS R-335 to BAYBI. Thence. . . .

. . . .from BAYBI on PXR R-120 to SQUEZ and SUNSS. Depart SUNSS on heading 290° for RADAR vectors to final approach course.

LOST COMMUNICATIONS: After SUNSS, proceed direct PXR VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

SUNSS EIGHT ARRIVAL

PHOENIX, ARIZONA

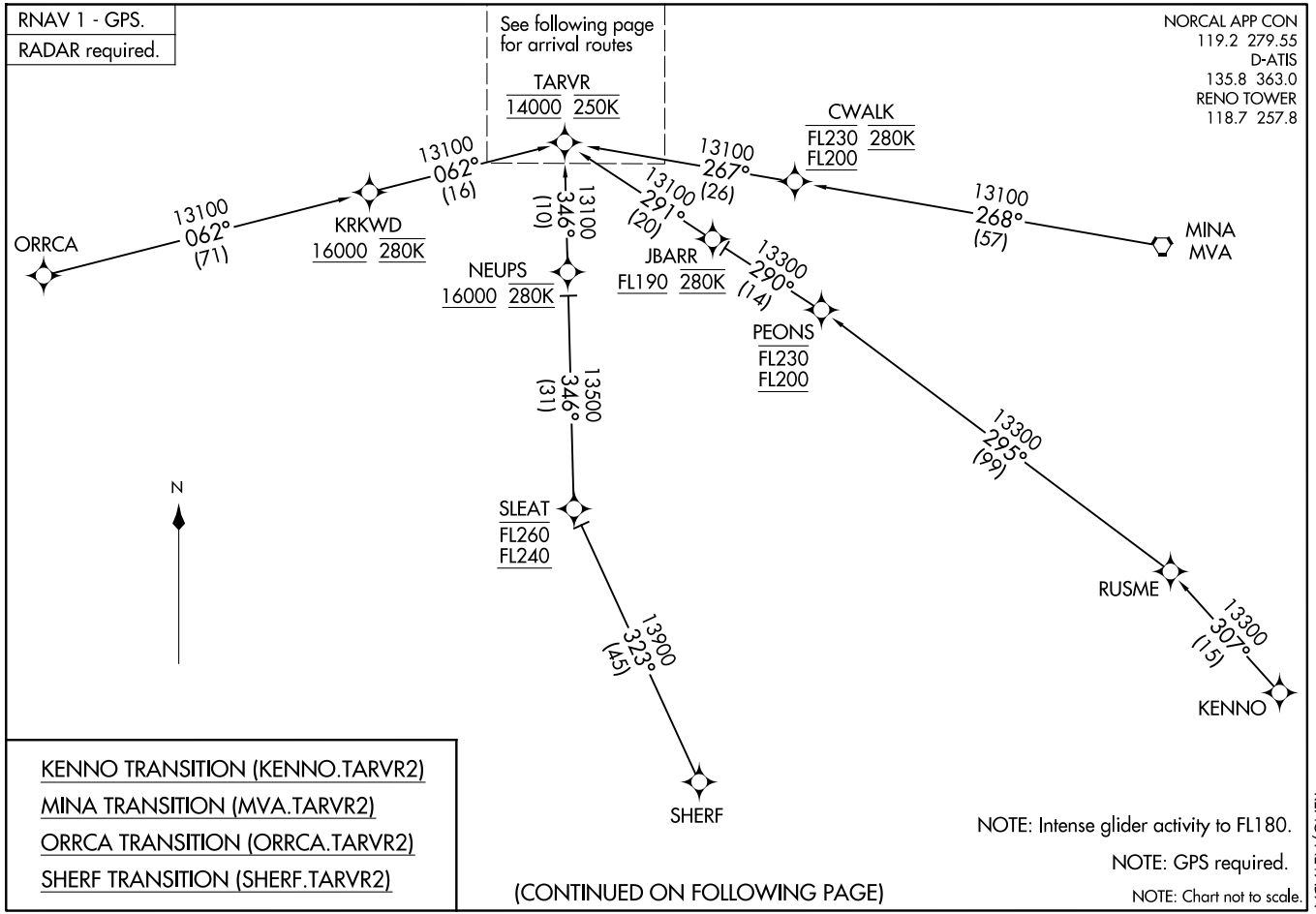
(BAYBI.SUNSS8) 27APR17

SW-4, 03 SEP 2026 to 29 OCT 2026

TARVR TWO ARRIVAL (RNAV) Transition Routes

(TARVR.TARVR2) 19MAR26

RENO, NEVADA
RENO/TAHOE INTL (RNO)



(TARVR.TARVR2) 26078

TARVR TWO ARRIVAL (RNAV) Transition Routes

AL-346 (FAA)

RENO/TAHOE INTL (RNO)
RENO, NEVADA

(TARVR.TARVR2) 26078

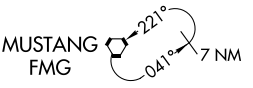
TARVR TWO ARRIVAL (RNAV) Arrival Routes

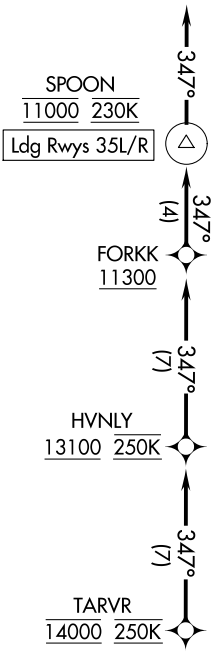
AL-346 (FAA)

RENO/TAHOE INTL (RNO)
RENO, NEVADA

NORCAL APP CON
119.2 279.55
D-ATIS
135.8 363.0
RENO TOWER
118.7 257.8

RNAV 1 - GPS.
RADAR required.





NOTE: Intense glider activity to FL180.

NOTE: GPS required.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From TARVR on track 347° to cross HVNLY at or above 13100 and at 250K.

LANDING RUNWAYS 35L/R: From HVNLY on track 347° to cross FORKK at or above 11300, then on track 347° to cross SPOON at 11000 and at 230K, then on track 347°. Expect assigned instrument approach for Rwys 35L/R or RADAR vectors to final approach course.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

TAYTR FOUR ARRIVAL (RNAV)

AL-683 (FAA)

(TAYTR.TAYTR4) 26134

TAYTR FOUR ARRIVAL (RNAV)

AL-683 (FAA)

PROVO MUNI (PVU)
PROVO, UTAH

SW-4, 03 SEP 2026 to 29 OCT 2026

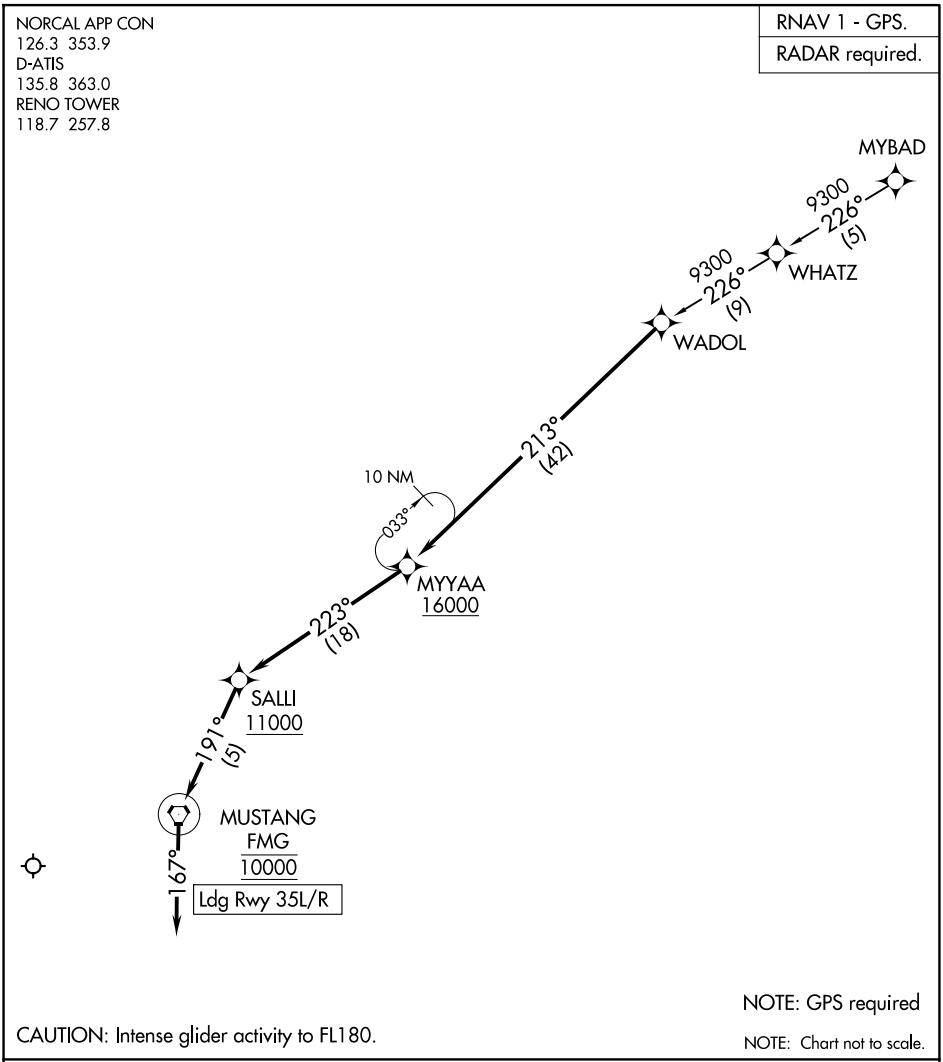
ARRIVAL ROUTE DESCRIPTION

BERYL TRANSITION (BERYL.TAYTR4)
BONNEVILLE TRANSITION (BVL.TAYTR4)
BRYCE CANYON TRANSITION (BCE.TAYTR4)
FRNZY TRANSITION (FRNZY.TAYTR4)
HELPR TRANSITION (HELPR.TAYTR4)
JAMMN TRANSITION (JAMMN.TAYTR4)
KNOLE TRANSITION (KNOLE.TAYTR4)
MARNN TRANSITION (MARNN.TAYTR4)
MYTON TRANSITION (MTU.TAYTR4)
OGDEN TRANSITION (OGD.TAYTR4)
RAHZL TRANSITION (RAHZL.TAYTR4)
SPANE TRANSITION (SPANE.TAYTR4)
STEEN TRANSITION (STEEN.TAYTR4)
THISL TRANSITION (THISL.TAYTR4)
YMONT TRANSITION (YMONT.TAYTR4)

From TAYTR, expect ILS or RNAV RWY 13 approach.

LOST COMMUNICATIONS

Proceed on assigned instrument approach.



SW-4, 03 SEP 2026 to 29 OCT 2026

ARRIVAL ROUTE DESCRIPTION

MYBAD TRANSITION (MYBAD.WADOL4)

From WADOL on track 213° to cross MYYAA at or above 16000, then on track 223° to cross SALLI at or above 11000, then on track 191° to cross FMG VORTAC at 10000, then on heading 167°. Expect assigned instrument approach Rwy 35L/R or RADAR vectors to final approach course.

WINRZ ONE ARRIVAL (RNAV)

(WADOL.WINRZ1) 25JAN24

RENO, NEVADA

RENO/TAHOE INTL (RNO)

(WADOL.WINRZ1) 25275

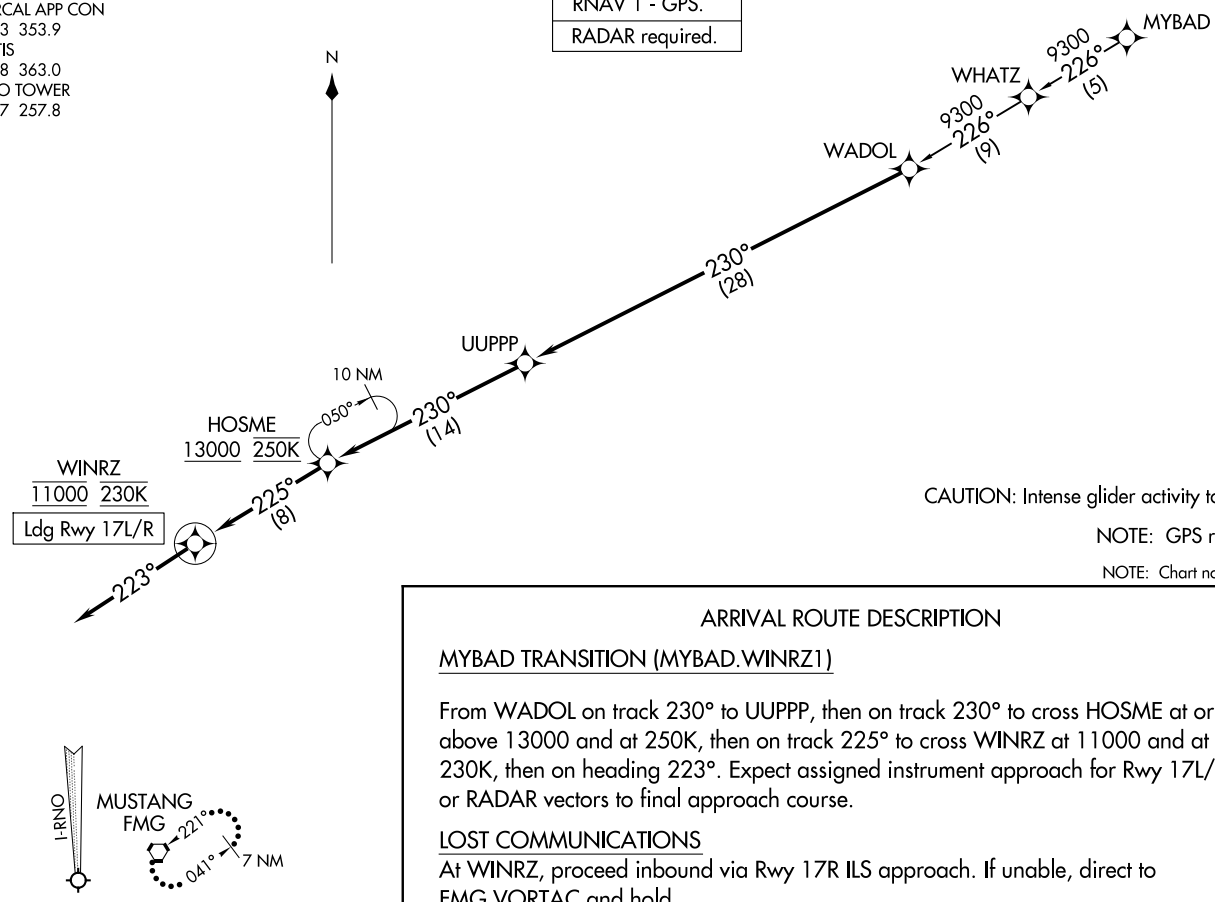
WINRZ ONE ARRIVAL (RNAV)

RENO/TAHOE INTL (RNO)

RENO, NEVADA

NORCAL APP CON
126.3 353.9
D-ATIS
135.8 363.0
RENO TOWER
118.7 257.8

RNAV 1 - GPS.
RADAR required.



AL-346 (FAA)

Z77

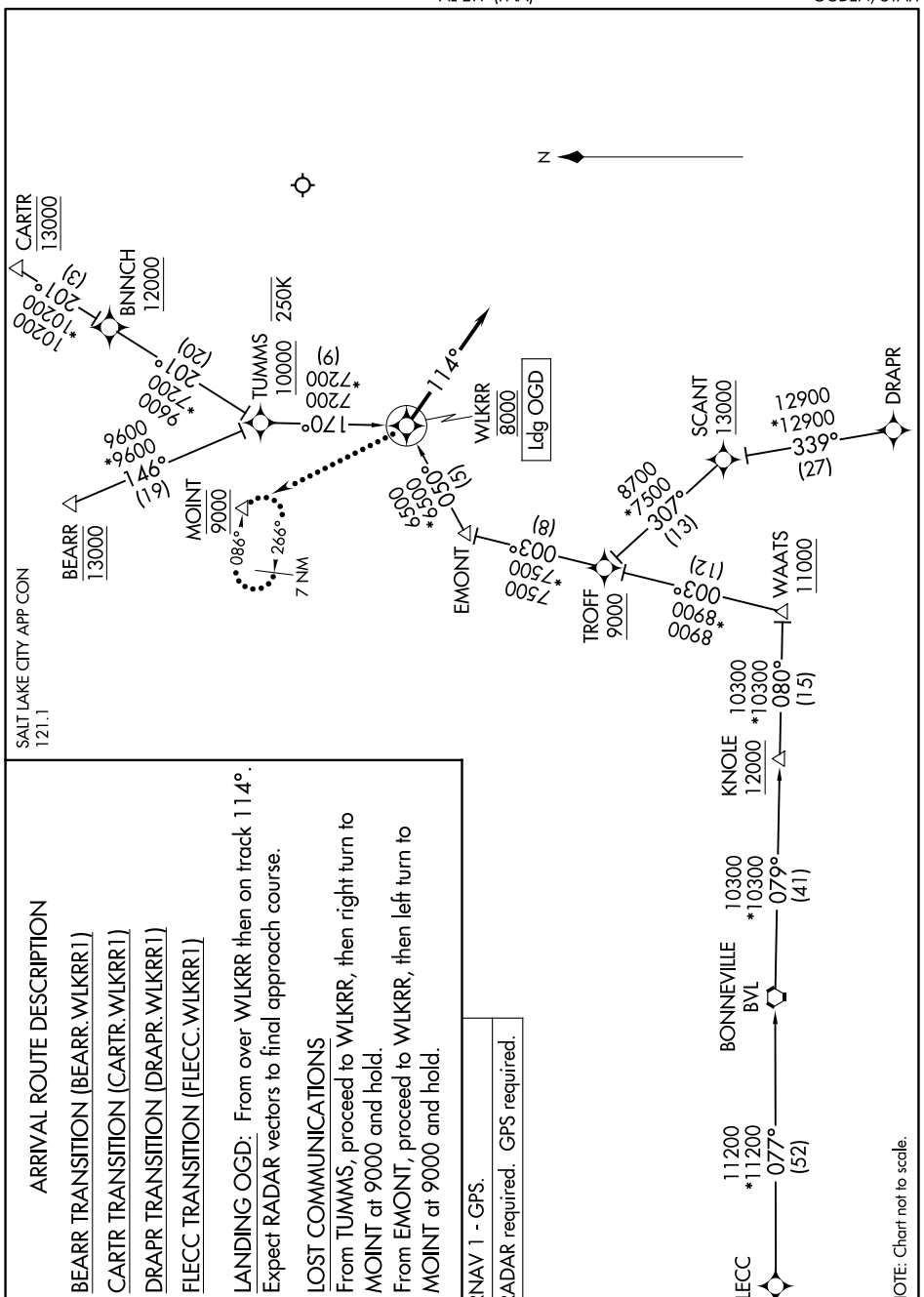
ARRIVAL ROUTE DESCRIPTION

MYBAD TRANSITION (MYBAD.WINRZ1)

From WADOL on track 230° to UUPPP, then on track 230° to cross HOSME at or above 13000 and at 250K, then on track 225° to cross WINRZ at 11000 and at 230K, then on heading 223°. Expect assigned instrument approach for Rwy 17L/R or RADAR vectors to final approach course.

LOST COMMUNICATIONS

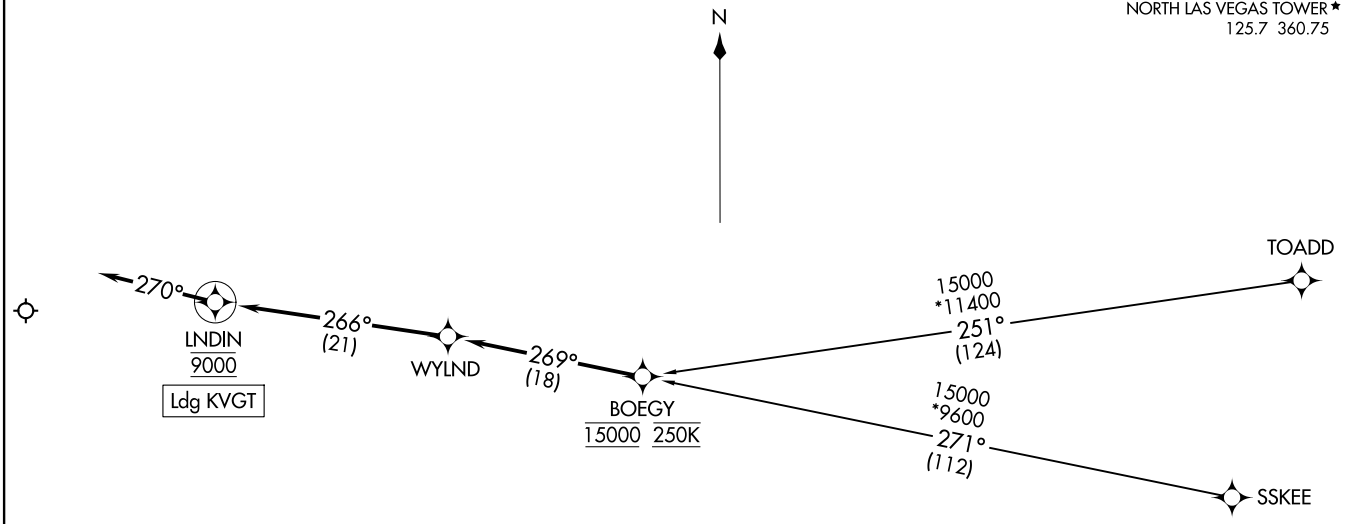
At WINRZ, proceed inbound via Rwy 17R ILS approach. If unable, direct to FMG VORTAC and hold.


ARRIVAL ROUTE DESCRIPTION
BEARR TRANSITION (BEARR.WLKRR1)
CARTR TRANSITION (CARTR.WLKRR1)
DRAPR TRANSITION (DRAPR.WLKRR1)
FLECC TRANSITION (FLECC.WLKRR1)
LANDING OGD: From over WLKRR then on track 114°. Expect RADAR vectors to final approach course.
LOST COMMUNICATIONS
From TUMMS, proceed to WLKRR, then right turn to MOINT at 9000 and hold.
From EMONT, proceed to WLKRR, then left turn to MOINT at 9000 and hold.
RNAV 1 - GPS.
RADAR required. GPS required.
SALT LAKE CITY APP CON
121.1
CARTR 13000
BNNCH 12000
BEARR 13000
MOINT 9000
TUMMS 10000 250K
WLKRR 8000
Ldg OGD
EMONT
TROFF 9000
SCANT 13000
DRAPR
WAATS 11000
KNOLE 12000
BONNEVILLE BVL
FLECC
N
7 NM
NOTE: Chart not to scale.

WYLND ONE ARRIVAL (RNAV)

(BOEGY.WYLND1) 25FEB21

LAS VEGAS APP CON
119.4 360.85
ATIS
118.05
NORTH LAS VEGAS TOWER★
125.7 360.75



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, BLD, DRK, EED, FLG, GCN, IGM, PGA, PGS, and TBC DMEs must be operational.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

SSKEE TRANSITION (SSKEE.WYLND1)

TOADD TRANSITION (TOADD.WYLND1)

From BOEGY on track 269° to WYLND, then on track 266° to cross LNDIN at 9000, then on track 270°. Expect RADAR vectors to final approach course.

(BOEGY.WYLND1) 21056
WYLND ONE ARRIVAL (RNAV)

AL-6970 (FAA)

Z79

LAS VEGAS, NEVADA
NORTH LAS VEGAS (VGT)

NORTH LAS VEGAS (VGT)
LAS VEGAS, NEVADA

RNAV 1 - GPS.
RADAR required.
SALT LAKE CITY APP CON
128.1 307.05
D-ATIS
124.75 125.625
RROYY
344°
LAWVA
11000
Ldg Rwys
16L/R, 17
344°
(5)
MAGNE
MARYZ
(3)
164°
SURYP
11000
Ldg Rwys
34L/R, 35
164°
FAIRFIELD
FFU
160°
340°
7 NM
CEEDR
(4)
103°
031°
BUSHH
12000
JAXXX
12000
(5)
070°
073°
(5)
GOGGL
DUGGY
MOINT
086°
266°
7 NM
(11)
067°
087°
(13)
YUTES
260°
10 NM
SKWAH
14000
080°
(4)
12000
*11100
12000
*11100
080°
(11)
KNOLE
17000
250K
080°
260°
10 NM
12000
*11100
079°
(41)
BONNEVILLE
BVL
12000
*11200
077°
(52)
FLECC
077°
257°
10 NM
N
NOTE: Jet aircraft only.
NOTE: GPS required.
NOTE: Chart not to scale.
(CONTINUED ON FOLLOWING PAGE)

(YUTES.YUTES2) 26078

YUTES TWO ARRIVAL (RNAV)

AL-365 (FAA)

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH

ARRIVAL ROUTE DESCRIPTION

FLECC TRANSITION (FLECC.YUTES2)

LANDING RUNWAYS 16L/R: From YUTES on track 087° to DUGGY, then on track 073° to cross JAXXX at 12000, then on track 031° to MAGNE, then on track 344° to cross LAWVA at 11000, then on track 344°. Expect RADAR vectors for the RNAV (RNP) Z Rwy 16R approach or RADAR vectors to 16L/R final approach course.

LANDING RUNWAY 17: From YUTES on track 087° to DUGGY, then on track 073° to cross JAXXX at 12000, then on track 031° to MAGNE, then on track 344° to cross LAWVA at 11000, then on track 344°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 34L/R: From YUTES on track 067° to GOGGL, then on track 070° to cross BUSHH at 12000, then on track 103° to MARYZ, then on track 164° to cross SURYP at 11000, then on track 164°. Expect RADAR vectors for the RNAV (RNP) Z RWY 34L approach or RADAR vectors to final approach course.

LANDING RUNWAY 35: From YUTES on track 067° to GOGGL, then on track 070° to cross BUSHH at 12000, then on track 103° to MARYZ, then on track 164° to cross SURYP at 11000, then on track 164°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

LANDING NORTH: After SURYP proceed to CEEDR, then left turn to FFU and hold at 11000.

LANDING SOUTH: After LAWVA proceed to RROYY, then left turn to MOINT and hold at 12000.

SW-4, 03 SEP 2026 to 29 OCT 2026

ZONNA TWO ARRIVAL (RNAV)

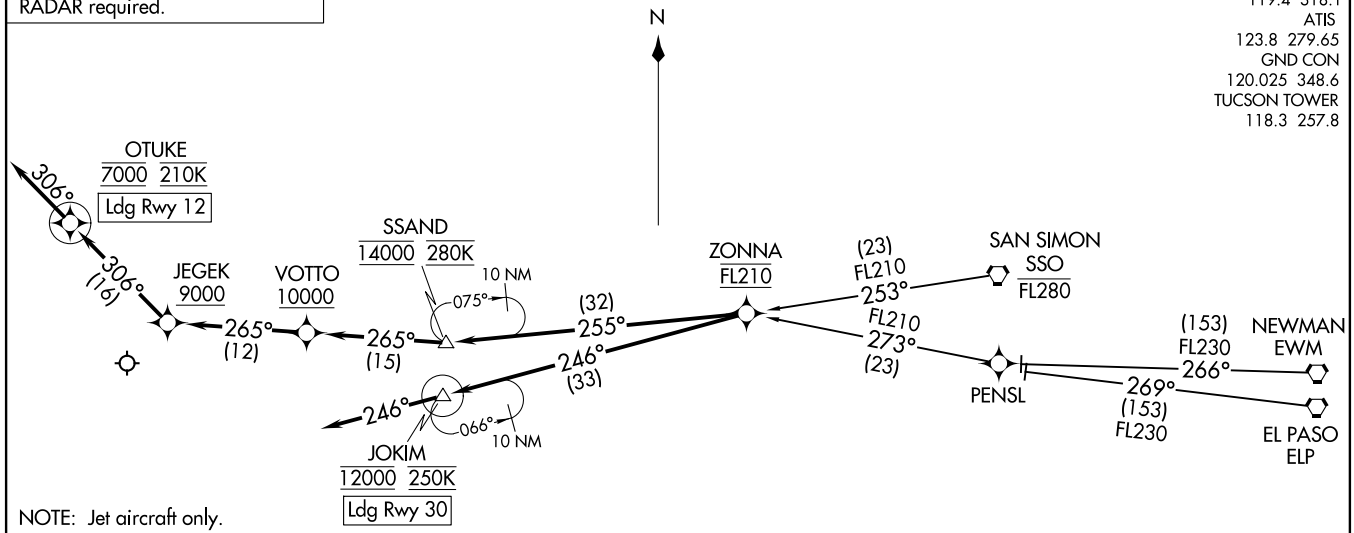
(ZONNA.ZONNA2) 30NOV23

TUCSON, ARIZONA
TUCSON INTL (TUS)

Z82

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.

TUCSON APP CON
119.4 318.1
ATIS
123.8 279.65
GND CON
120.025 348.6
TUCSON TOWER
118.3 257.8



NOTE: Jet aircraft only.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

EL PASO TRANSITION (ELP.ZONNA2)

NEWMAN TRANSITION (EWM.ZONNA2)

SAN SIMON TRANSITION (SSO.ZONNA2)

LANDING RUNWAY 12: From ZONNA on track 255° to cross SSAND at 14000 and at 280K, then on track 265° to cross VOTTO at or above 10000, then on track 265° to cross JEGEK at or above 9000, then on track 306° to cross OTUKE at 7000 and at 210K, then on track 306°. Expect RNAV (GPS) Z RWY 12 approach or RADAR vectors to final approach course.

LANDING RUNWAY 30: From ZONNA on track 246° to cross JOKIM at 12000 and at 250K, then on track 246°. Expect RNAV (GPS) Z RWY 30 approach or RADAR vectors to final approach course.

ZONNA TWO ARRIVAL (RNAV)

(ZONNA.ZONNA2) 23334

AL-430 (FAA)

TUCSON INTL (TUS)
TUCSON, ARIZONA

INTENTIONALLY

LEFT

BLANK

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

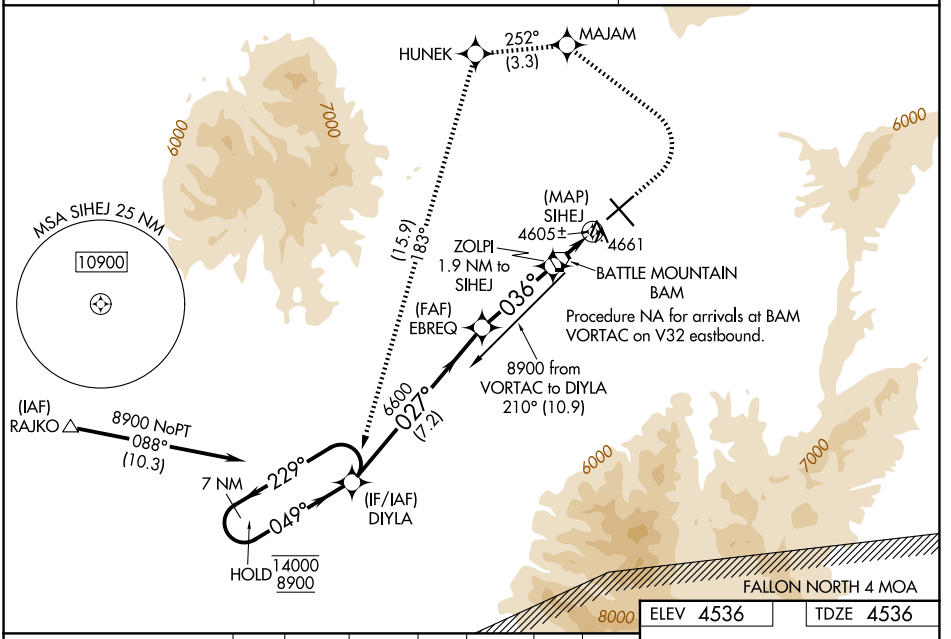
WAAS	APP CRS	Rwy Ldg	7300
CH **90143**	**036°**	TDZE	**4536**
W04A		Apt Elev	**4536**

RNAV (GPS) RWY 4
BATTLE MOUNTAIN (BAM)

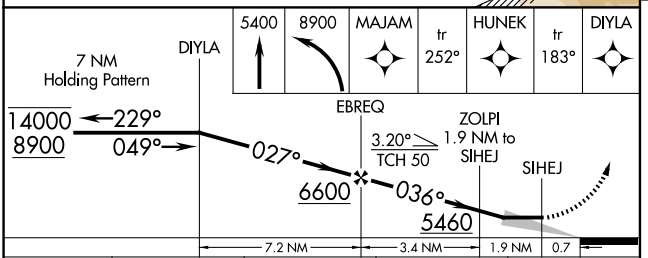
RNP APCH - GPS.

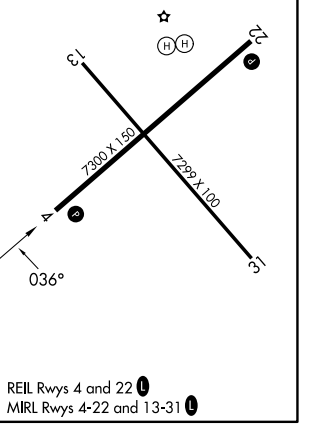
MISSED APPROACH: (Do not exceed 175K until DIYLA) Climb to 5400 then climbing left turn to 8900 direct MAJAM and on track 252° to HUNEK and on track 183° direct DIYLA and hold.
*Missed approach requires minimum climb of 222 feet per NM to 6480; if unable to meet climb gradient, see LP minimums.
#Missed approach requires minimum climb of 218 feet per NM to 7520; if unable to meet climb gradient, see LNAV minimums.

AWOS-3	SALT LAKE CITY CENTER	UNICOM
119.45	**132.25 338.35**	**122.8** (CTAF) L



ELEV 4536 TDZE 4536





CATEGORY	A	B	C	D
LP MDA*	4860-1 324 (400-1)			NA
LNAV MDA#	5020-1 484 (500-1)		5020-1⅜ 484 (500-1⅜)	NA
LP MDA	5240-1 704 (800-1)		5240-2 704 (800-2)	NA
LNAV MDA	5460-1¼ 924 (1000-1¼)		5460-2½ 924 (1000-2½)	NA
CIRCLING	5460-1¼ 924 (1000-1¼)		5460-2¾ 924 (1000-2¾)	NA

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

BATTLE MOUNTAIN, NEVADA | AL-534 (FAA) | 26078

RNAV (GPS) RWY 22

BATTLE MOUNTAIN (BAM)

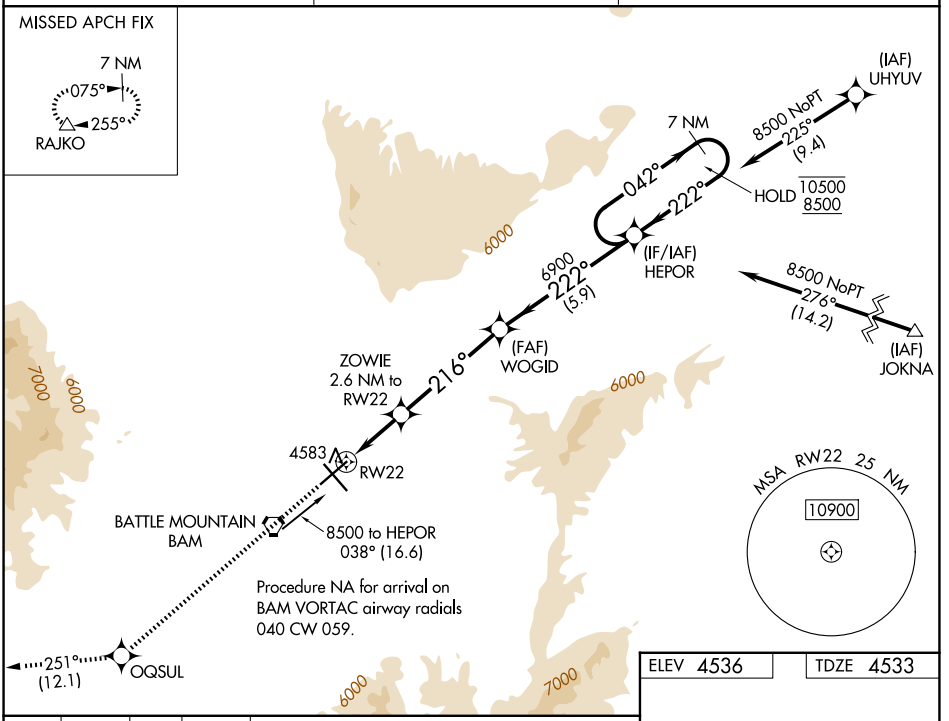
WAAS CH 82741 W22A	APP CRS 216°	Rwy Ldg 7300	TDZE 4533	Apt Elev 4536

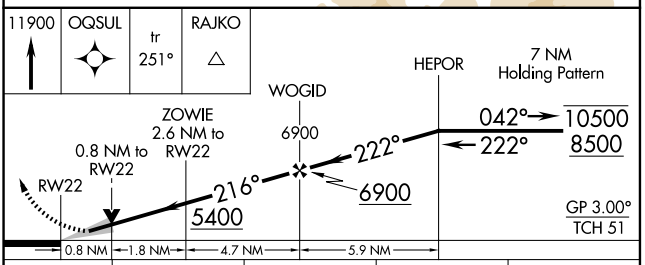
RNP APCH - GPS.

Baro-VNAV NA.

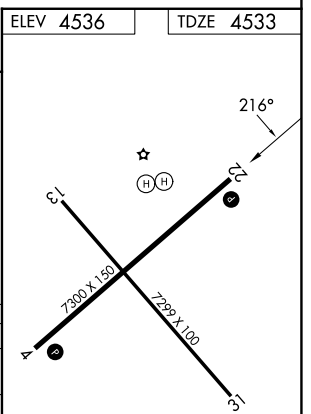
MISSED APPROACH: Climb to 11900 direct OQSUL and track 251° to RAJKO and hold, continue climb-in-hold to 11900.

AWOS-3	SALT LAKE CITY CENTER	UNICOM
119.45	132.25 338.35	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	4753-1 220 (300-1)			
LNAV/VNAV DA	4808-1 275 (300-1)			
LNAV MDA	4980-1 447 (500-1)		4980-1⅜ 447 (500-1⅜)	
CIRCLING	4980-1 444 (500-1)	5000-1 464 (500-1)	5000-1½ 464 (500-1½)	5480-3 944 (1000-3)



REIL Rwys 4 and 22 L
MIRL Rwys 4-22 and 13-31 L

BATTLE MOUNTAIN, NEVADA
Orig-A 19MAR26

40°36′N-116°52′W

BATTLE MOUNTAIN (BAM)

RNAV (GPS) RWY 22

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

VOR RWY 4

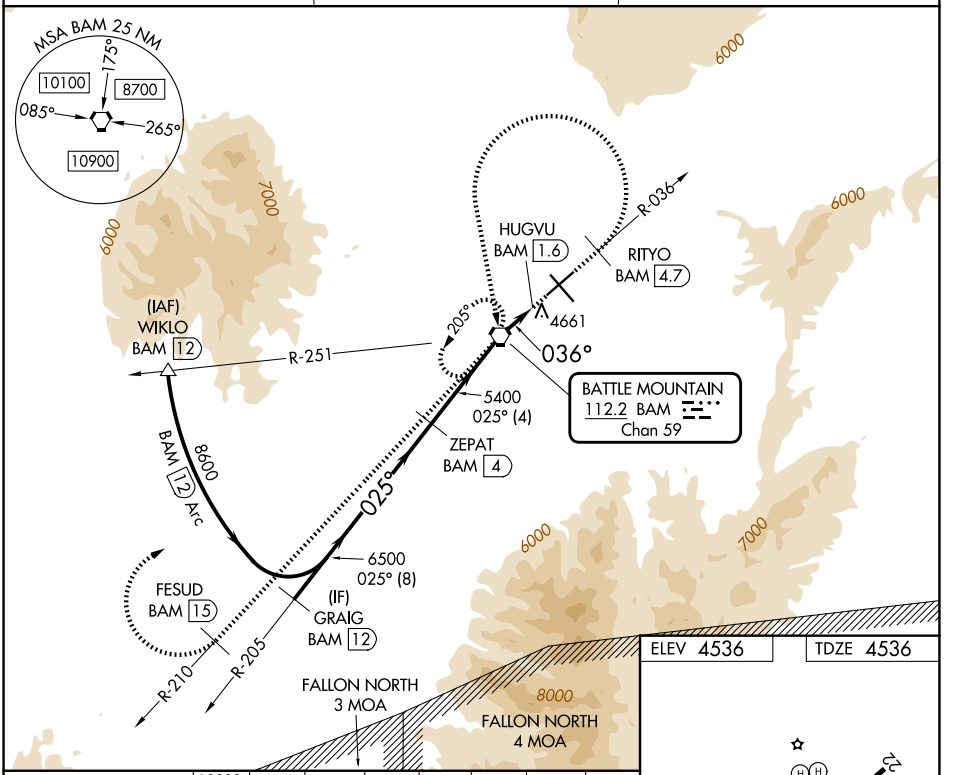
BATTLE MOUNTAIN (BAM)

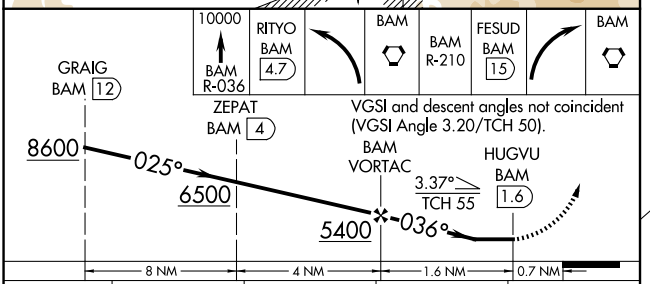
VORTAC BAM	APP CRS	Rwy Ldg	7300
112.2	036°	TDZE	4536
Chan 59		Apt Elev	4536

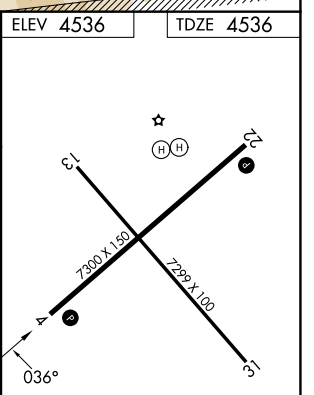
DME required.

MISSED APPROACH: Climb to 10000 on BAM VORTAC R-036 to RITYO/BAM VORTAC 4.7 DME and left turn direct BAM VORTAC and on BAM VORTAC R-210 to FESUD/BAM 15 DME and right turn direct BAM VORTAC and hold.

AWOS-3	SALT LAKE CITY CENTER	UNICOM
119.45	132.25 338.35	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-4	4920-1 384 (400-1)		4920-1⅛ 384 (400-1⅛)	NA
CIRCLING	4980-1 444 (500-1)	5000-1 464 (500-1)	5000-1½ 464 (500-1½)	NA

REIL Rwys 4 and 22 L
MIRL Rwys 4-22 and 13-31 L

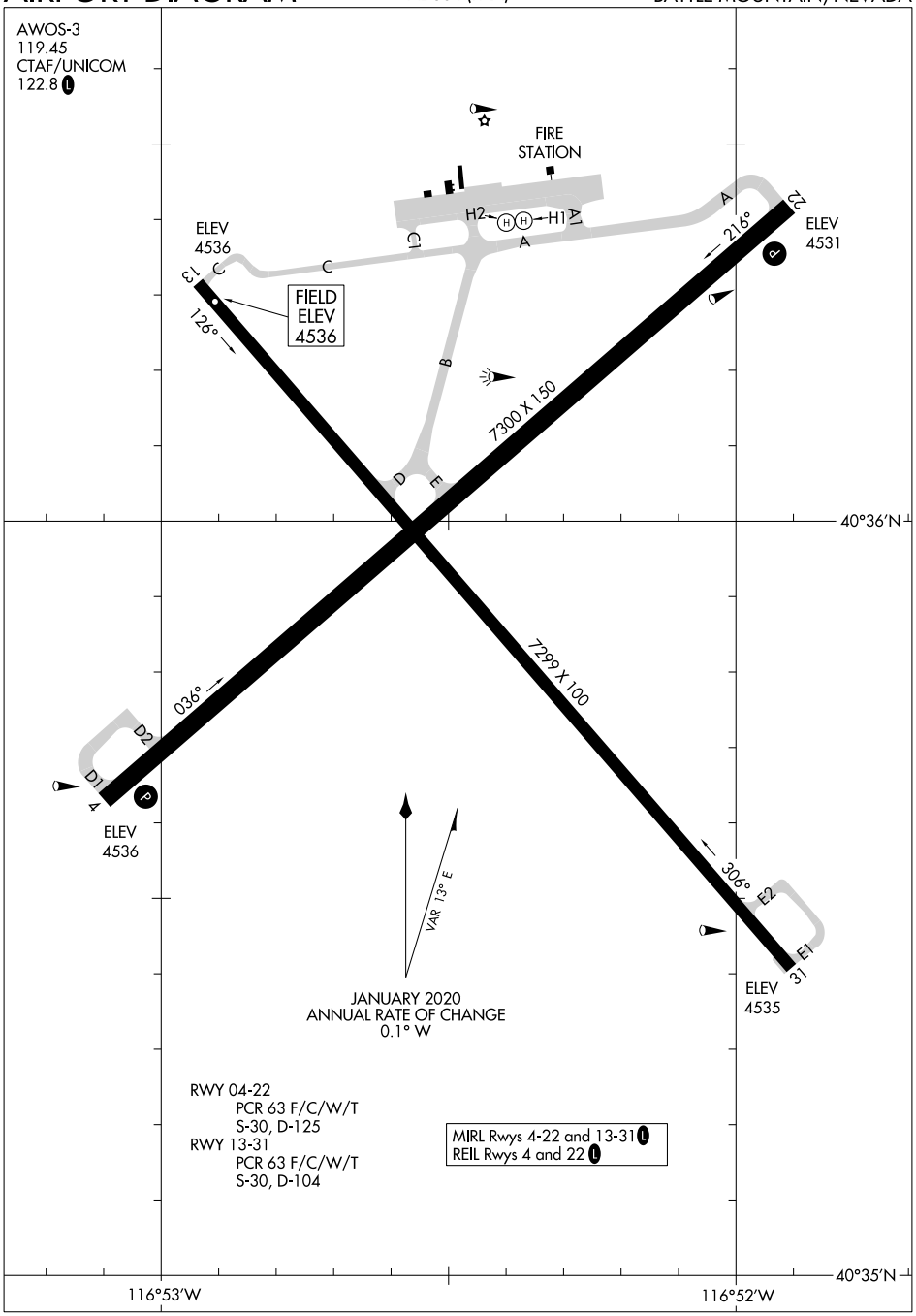
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134

AIRPORT DIAGRAM

AL-534 (FAA)

BATTLE MOUNTAIN (BAM)
BATTLE MOUNTAIN, NEVADA



SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26134
BATTLE MOUNTAIN, NEVADA
BATTLE MOUNTAIN (BAM)

APP CRS	Rwy Ldg	N/A
067°	TDZE	N/A
	Apt Elev	5863

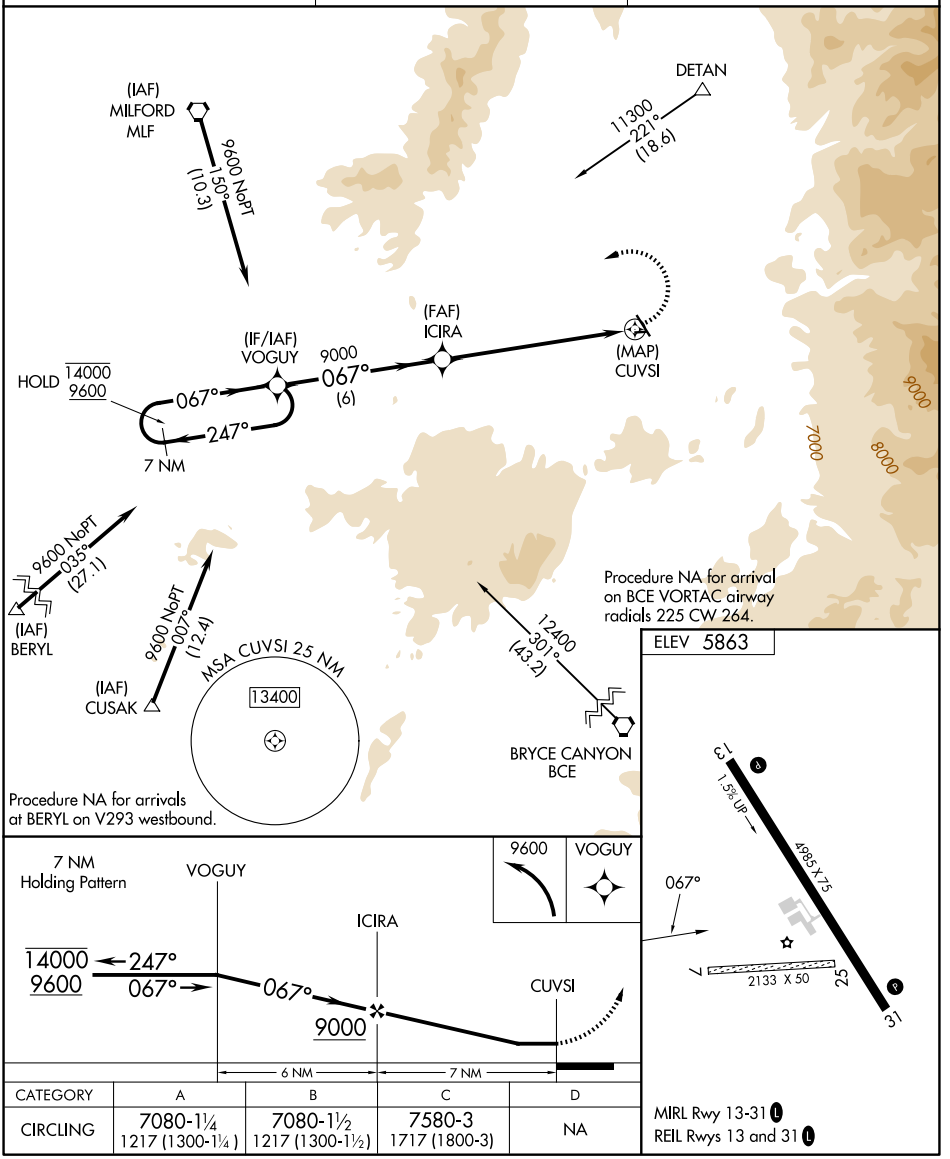
RNAV (GPS)-A
BEAVER MUNI (U52)

RNP APCH.

Circling Rwy 7, 25, 31 NA at night. Circling NA for Cat C southwest of Rwy 13-31.

MISSED APPROACH: Climbing left turn to 9600 direct VOGUY and hold.

AWOS-3PT	SALT LAKE CITY CENTER	CTAF
119.925	125.575 379.275	122.9 L



CATEGORY	A	B	C	D
CIRCLING	7080-1¼ 1217 (1300-1¼)	7080-1½ 1217 (1300-1½)	7580-3 1717 (1800-3)	NA

MIRL Rwy 13-31 L
REIL Rwys 13 and 31 L

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 35

BLANDING MUNI (BDG)

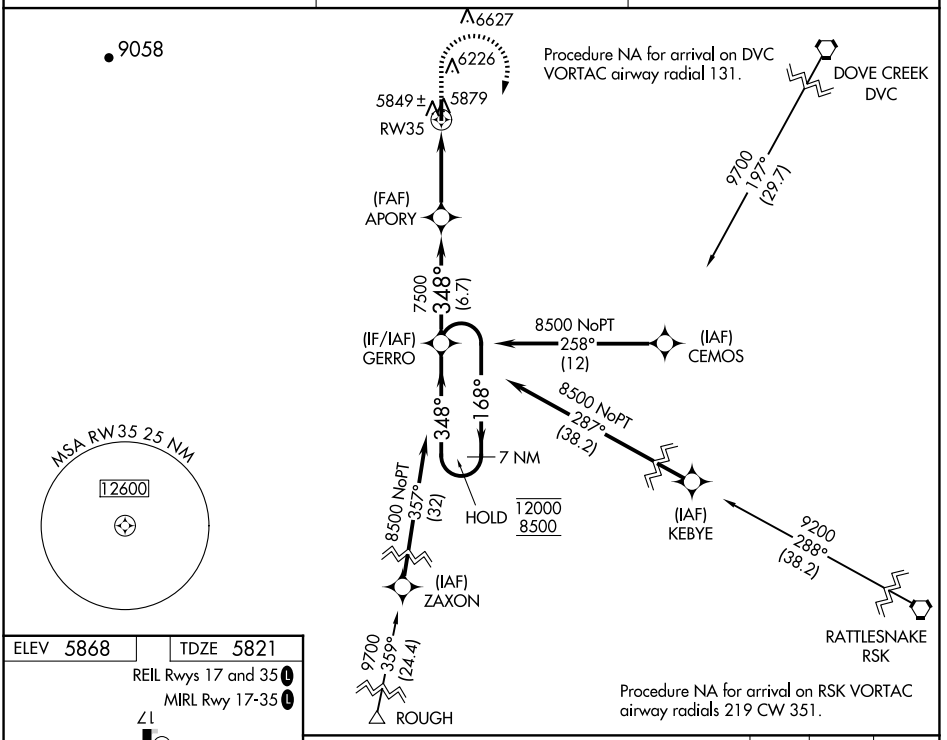
WAAS	APP CRS	Rwy Idg	5781
CH 63024	348°	TDZE	5821
W35A		Apt Elev	5868

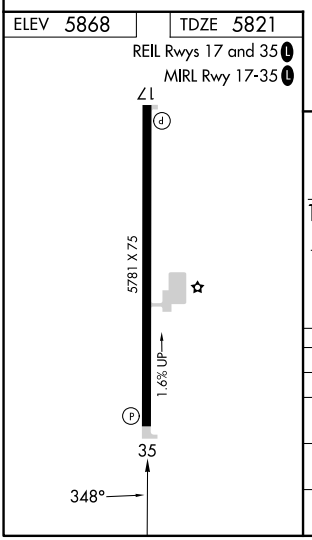
RNP APCH.

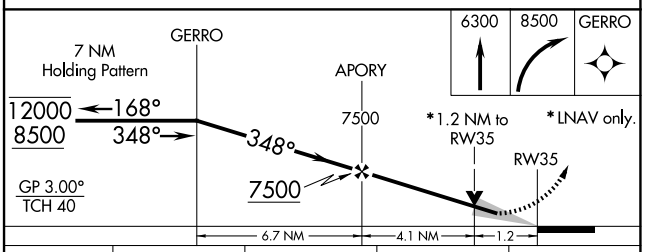
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -26°C or above 54°C.

MISSED APPROACH: (Do not exceed 165K until GERRO) Climb to 6300 then climbing right turn to 8500 direct GERRO and hold.

AWOS-3PT	DENVER CENTER	UNICOM
127.75	127.55 354.05	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	6071-1	250 (300-1)		NA
LNAV/VNAV DA	6077-1	256 (300-1)		NA
LNAV MDA	6200-1	379 (400-1)	6200-1¼ 379 (400-1¼)	NA
CIRCLING	6440-1 572 (600-1)	6540-1 672 (700-1)	6760-2¾ 892 (900-2¾)	NA

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 27

BOULDER CITY MUNI (BVU)

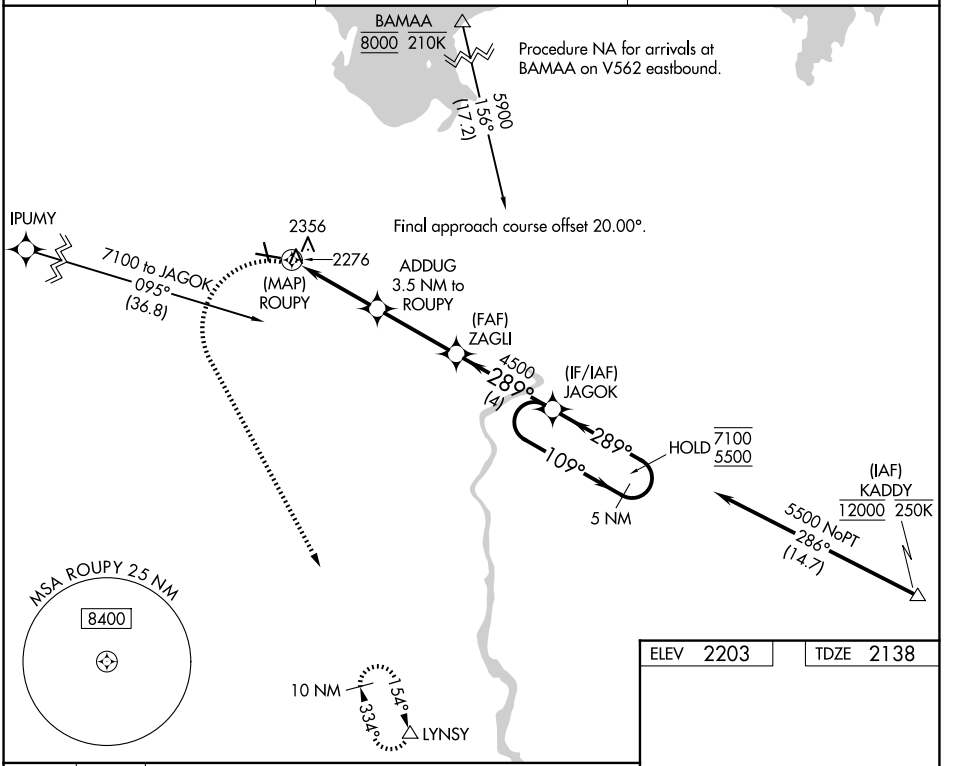
WAAS CH 77643 W27A	APP CRS 289°	Rwy Ldg 4803 TDZE 2138 Apt Elev 2203

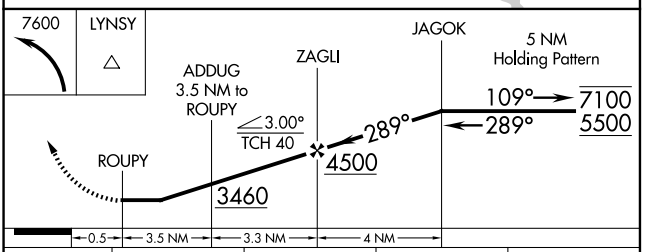
RNP APCH.

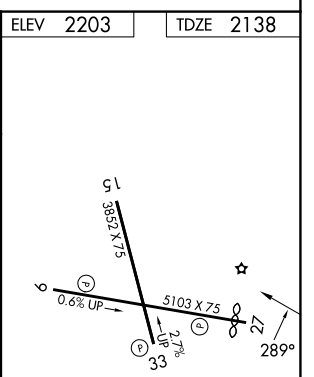
Procedure NA at night.
Rwy 27 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing left turn to 7600 direct LYNSY and hold, continue climb-in-hold to 7600.

AWOS-3	LAS VEGAS APP CON	UNICOM
118.475	125.475 307.25	122.7 (CTAF) L







CATEGORY	A	B	C	D
LP MDA	2640-1 502 (500-1)		2640-1⅜ 502 (500-1⅜)	NA
LNAV MDA	2940-1 802 (800-1)	2940-1¼ 802 (800-1¼)	2940-2½ 802 (800-2½)	NA
CIRCLING	2980-1¼ 777 (800-1¼)	3360-1½ 1157 (1200-1½)	4000-3 1797 (1800-3)	NA

MIRL Rwys 9-27 and 15-33 L
REIL Rwys 9, 15, 27 and 33

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134
AIRPORT DIAGRAM

AL-612 (FAA)

BOULDER CITY MUNI (BVU)
BOULDER CITY, NEVADA

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26134
BOULDER CITY, NEVADA
BOULDER CITY MUNI (BVU)

RNAV (GPS) RWY 35

BRIGHAM CITY RGNL (BMC)

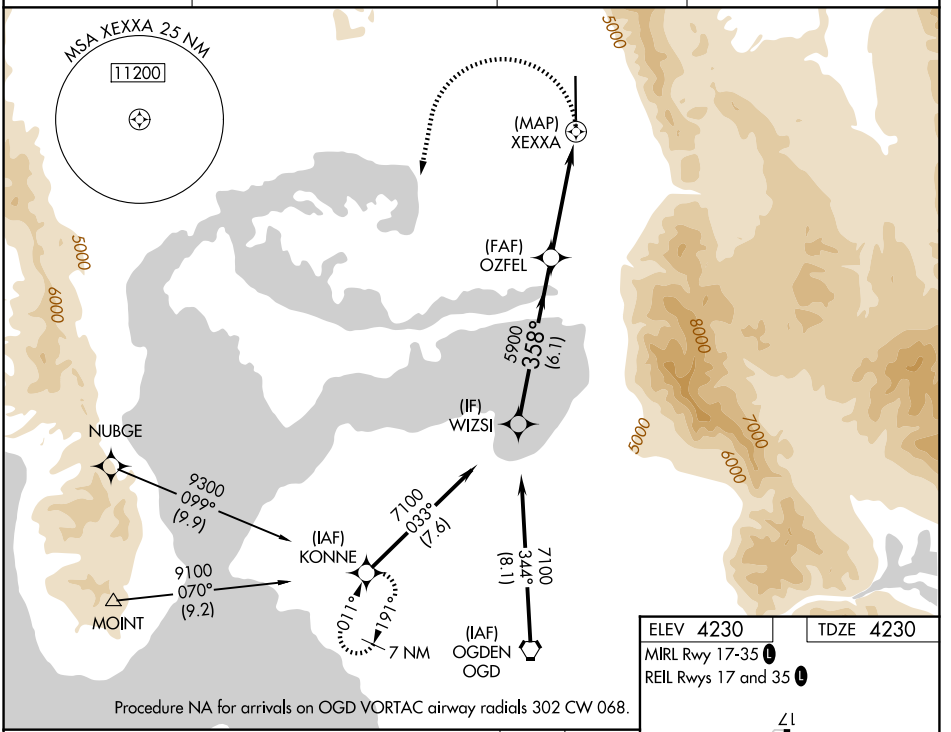
WAAS	APP CRS	Rwy Ldg	8900
CH 50426	358°	TDZE	4230
W35A		Apt Elev	4230

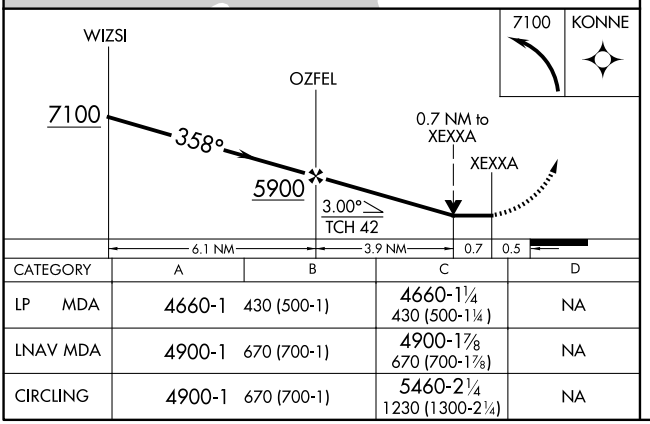
When local altimeter setting not received, use Ogden altimeter setting and increase all MDA 100 feet, increase LP Cat C visibility ¼ mile, increase LNAV Cat B visibility ¼ mile, and Cat C visibility ⅝ mile, increase Circling Cat B visibility ¼ mile, and Cat C visibility ½ mile. DME/DME RNP-0.3 NA. VDP NA with Ogden altimeter setting. Rwy 35 helicopter visibility reduction below ¾ SM NA. Circling NA for Cats B and C, east of Rwy 17-35.

NA

MISSED APPROACH: Climbing left turn to 7100 direct KONNE and hold.

AWOS-3	SALT LAKE CITY APP CON	CLNC DEL	UNICOM
135.075	121.1	126.0	123.05 (CTAF) L



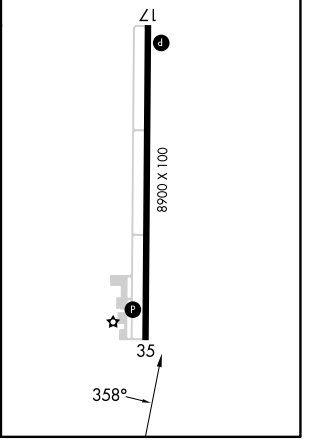


CATEGORY	A	B	C	D
LP MDA	4660-1	430 (500-1)	4660-1¼ 430 (500-1¼)	NA
LNAV MDA	4900-1	670 (700-1)	4900-1⅞ 670 (700-1⅞)	NA
CIRCLING	4900-1	670 (700-1)	5460-2¼ 1230 (1300-2¼)	NA

ELEV 4230 TDZE 4230

MIRL Rwy 17-35 L

REIL Rwys 17 and 35 L



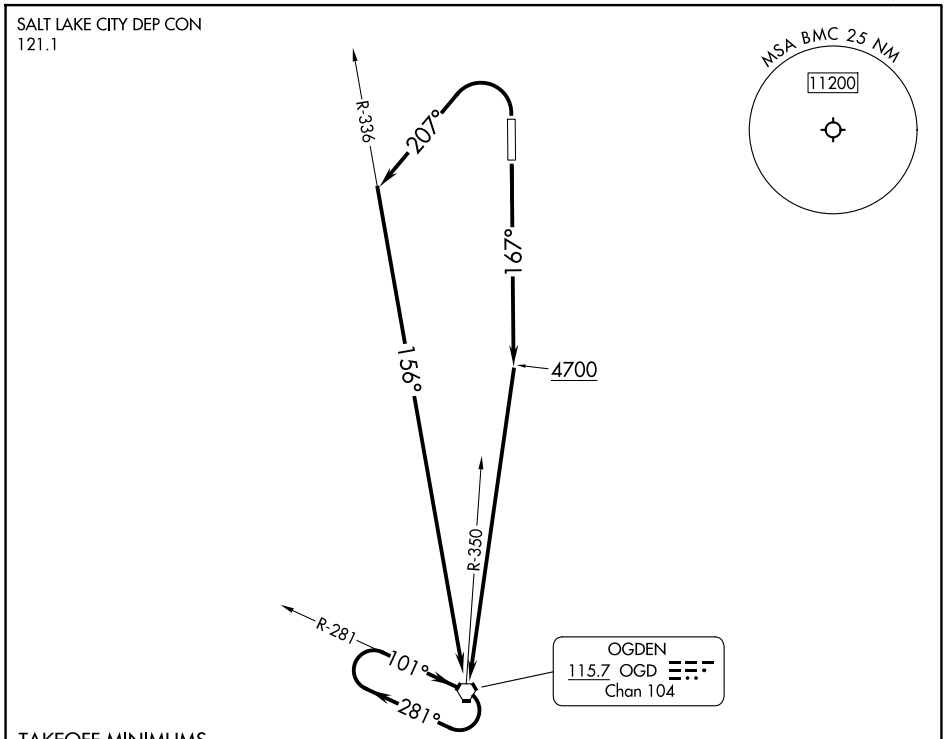
SW-4, 03 SEP 2026 to 29 OCT 2026

(OGD1.OGD) 23334

OGDEN ONE DEPARTURE (OBSTACLE)

AL-5477 (FAA)

BRIGHAM CITY RGNL (BMC)
BRIGHAM CITY, UTAH



TAKEOFF MINIMUMS

Rwy 17: Standard.

Rwy 35: Standard with minimum climb of 240′ per NM to 6000 or 6200-5 for VCOA.

TAKEOFF OBSTACLE NOTES

Rwy 17: Pole, vehicle on road beginning 265′ from DER, 559′ right of centerline, up to 33′ AGL/4259′ MSL.
Pole 1063′ from DER, 720′ right of centerline, 36′ AGL/4260′ MSL.
Poles beginning 1494′ from DER, 588′ right of centerline, up to 50′ AGL/4274′ MSL.
Pole 2216′ from DER, 1084′ right of centerline, 82′ AGL/4305′ MSL.

Rwy 35: Pole 9′ from DER, 29′ right of centerline, 6′ AGL/4231′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 167° to 4700, then direct OGD VORTAC, continue climb in OGD VORTAC holding pattern to at or above MCA/MEA for route of flight.

TAKEOFF RUNWAY 35: Climbing left turn on heading 207° and OGD R-336 to OGD VORTAC, continue climb in OGD VORTAC holding pattern to at or above MCA/MEA for route of flight.

VCOA ALL RUNWAYS: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Brigham City Rgnl Airport southbound at or above 10300, then on OGD R-350 to OGD VORTAC before proceeding on course.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Idg	7395
033°	TDZE	7590
	Apt Elev	7590

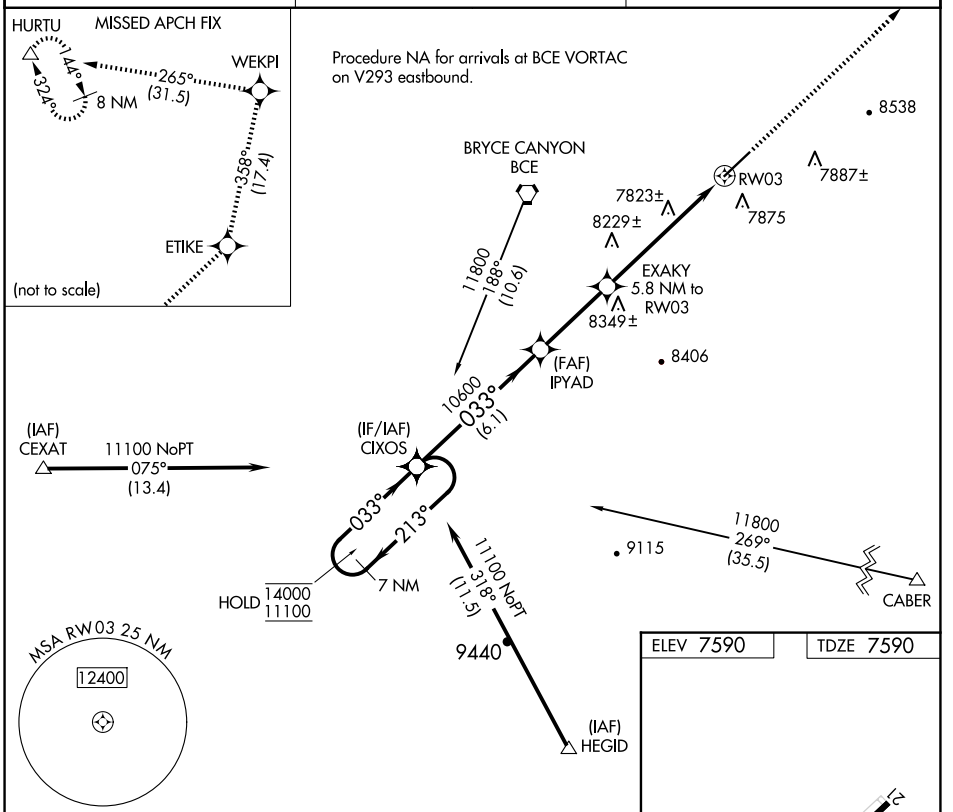
RNAV (GPS) RWY 3
BRYCE CANYON (BCE)

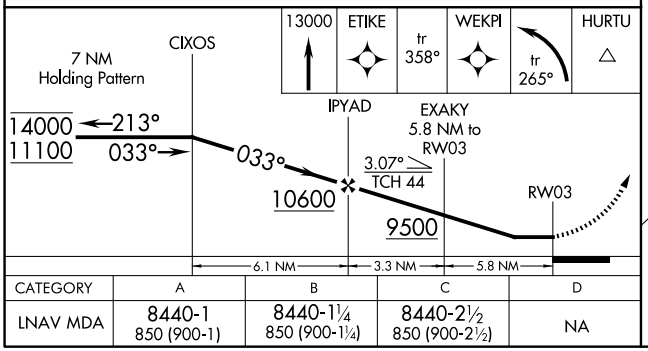
RNP APCH.

Rwy 3 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, procedure NA. Procedure NA at night.

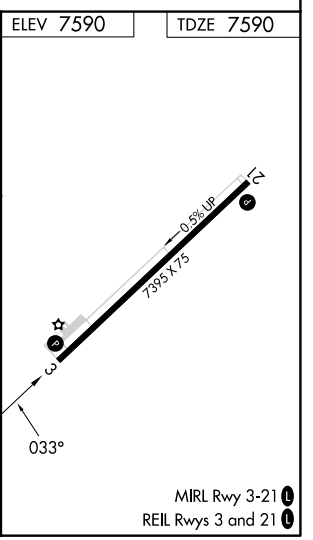
MISSED APPROACH: Climb to 13000 direct ETIKE and on track 358° to WEKPI and left turn on track 265° to HURTU and hold.

ASOS	SALT LAKE CITY CENTER	UNICOM
135.475	133.6 269.25	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	8440-1 850 (900-1)	8440-1¼ 850 (900-1¼)	8440-2½ 850 (900-2½)	NA



MIRL Rwy 3-21 L
REIL Rwys 3 and 21 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 21
BRYCE CANYON (BCE)

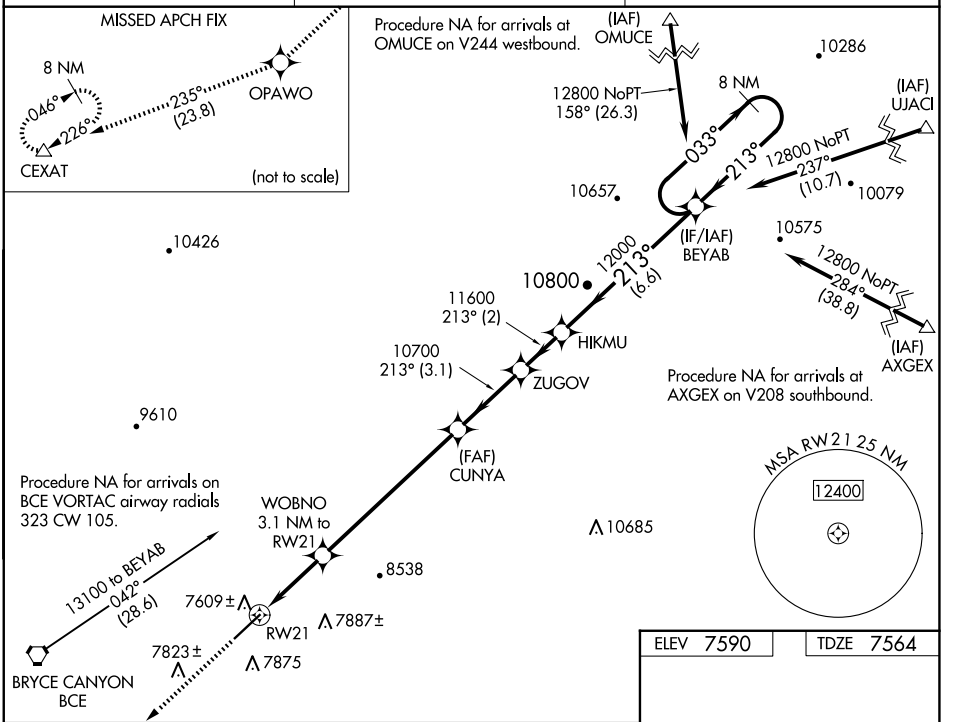
WAAS	APP CRS	Rwy Idg	7395
CH 99516	213°	TDZE	7564
W21A		Apt Elev	7590

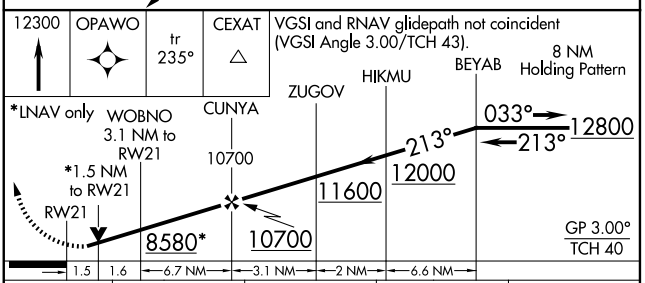
RNP APCH.

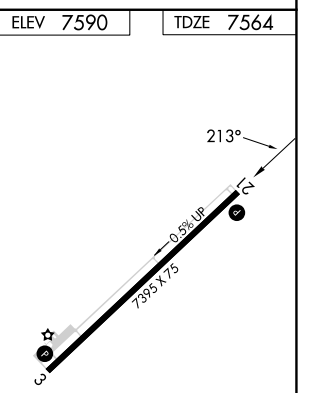
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -30°C or above 54°C. When local altimeter setting not received, procedure NA. Rwy 21 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 12300 direct OPAWO and on track 235° to CEXAT and hold.

ASOS	SALT LAKE CITY CENTER	UNICOM
135.475	133.6 269.25	122.8 (CTAF) L







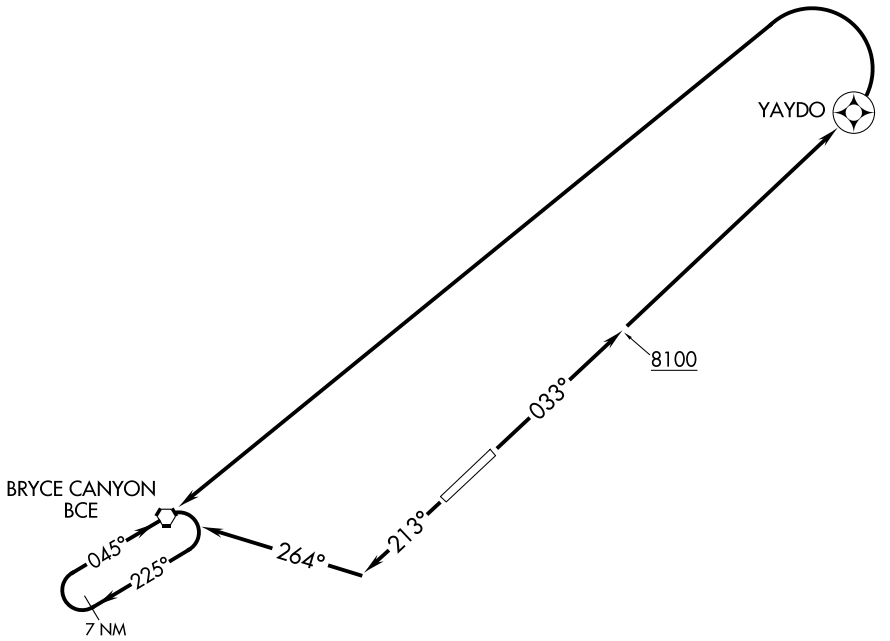
CATEGORY	A	B	C	D
LPV DA	7889-1⅛ 325 (300-1⅛)			NA
LNAV/VNAV DA	8016-1½ 452 (500-1½)			NA
LNAV MDA	8040-1 476 (500-1)		8040-1⅜ 476 (500-1⅜)	NA

MIRL Rwy 3-21 L
REIL Rwys 3 and 21 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY CENTER
133.6 269.25



NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 285′ per NM to 12100.
Rwy 21: Standard with minimum climb of 310′ per NM to 10500.

TAKEOFF OBSTACLE NOTES

Rwy 3: Vehicles on road beginning 135′ from DER, 374′ left of centerline, 15′ AGL/7588′ MSL.
Fence 38′ from DER, 377′ right of centerline, 8′ AGL/7558′ MSL.
Rwy 21: Fence 23′ from DER, 375′ left of centerline, 4′ AGL/7593′ MSL.
Fence 296′ from DER, 530′ right of centerline, 4′ AGL/7601′ MSL.
Vehicles on road beginning 49′ from DER, 28′ right of centerline, 15′ AGL/7623′ MSL.
Multiple poles beginning 867′ from DER, 706′ right of centerline, 39′ AGL/7638′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 033° to 8100, then climb to 13300 direct YAYDO and left turn direct BCE VORTAC. . . .
TAKEOFF RUNWAY 21: Climb heading 213° to intercept course 264° to BCE VORTAC and hold SW, RT, 045° inbound; continue climb-in-hold to MEA for route of flight. . . .

. . . .before proceeding on course.

RNAV (GPS) RWY 17

BUCKEYE MUNI (BXK)

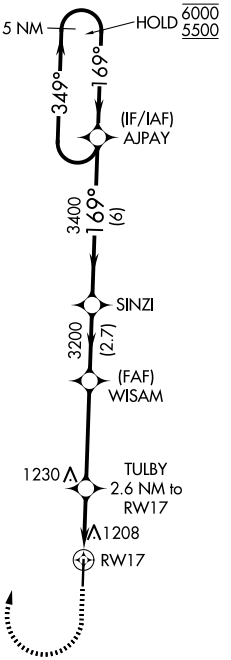
WAAS	APP CRS	Rwy Ldg	5500
CH 40147	169°	TDZE	1033
W17A		Apt Elev	1033

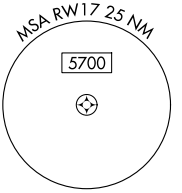
RNP APCH - GPS.

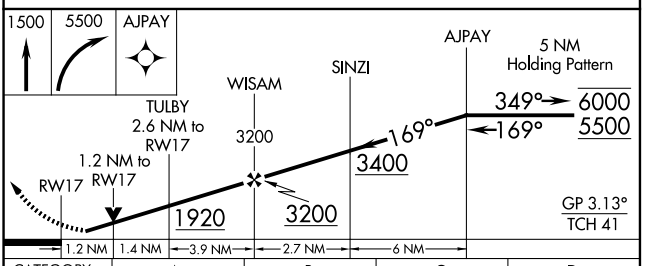
Rwy 17 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.

MISSED APPROACH: Climb to 1500 then climbing right turn to 5500 direct AJPAY and hold, continue climb-in-hold to 5500.

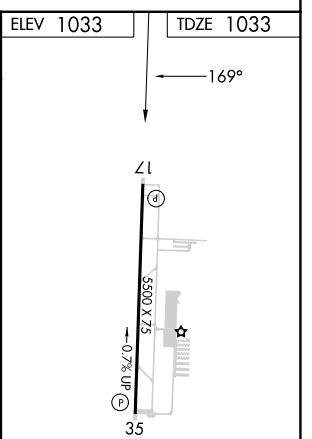
AWOS-3PT	LUKE APP CON ★	UNICOM
119.625	118.15 363.125 (N) 125.45 263.125 (S)	122.975 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1283-1 250 (300-1)			NA
LNAV/VNAV DA	1460-1¼ 427 (500-1¼)			NA
LNAV MDA	1460-1 427 (500-1)		1460-1¼ 427 (500-1¼)	NA
CIRCLING	1520-1 487 (500-1)		1740-2 707 (800-2)	NA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 35

BUCKEYE MUNI (BXK)

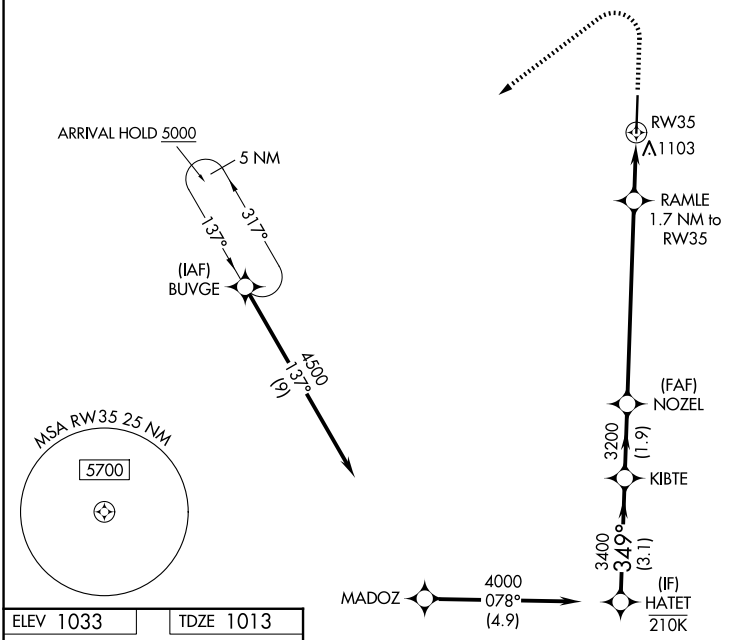
WAAS	APP CRS	Rwy Ldg	5500
CH 86347	349°	TDZE	1013
W35A		Apt Elev	1033

RNP APCH - GPS.

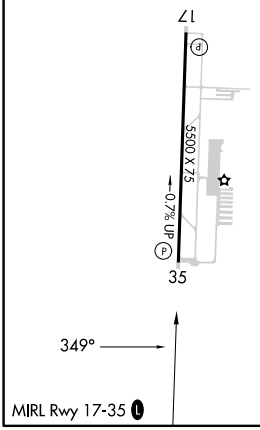
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. Rwy 35 helicopter visibility reduction below ¾ SM NA.

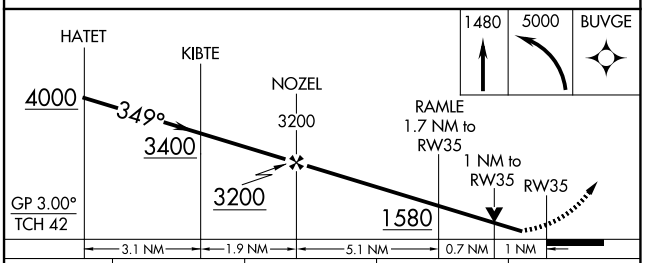
MISSED APPROACH: Climb to 1480 then climbing left turn to 5000 direct BUVGE and hold, continue climb-in-hold to 5000.

AWOS-3PT	LUKE APP CON ★	UNICOM
119.625	118.15 363.125 (N) 125.45 263.125 (S)	122.975 (CTAF) L



ELEV 1033 TDZE 1013





CATEGORY	A	B	C	D
LPV DA	1263-1 250 (300-1)			NA
LNAV/VNAV DA	1263-1 250 (300-1)			NA
LNAV MDA	1360-1 347 (400-1)			NA
CIRCLING	1520-1 487 (500-1)		1740-2 707 (800-2)	NA

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

BULLHEAD CITY, ARIZONA | AL-6967 (FAA) | 26078

RNAV (GPS) RWY 16

LAUGHLIN/BULLHEAD INTL (IFP)

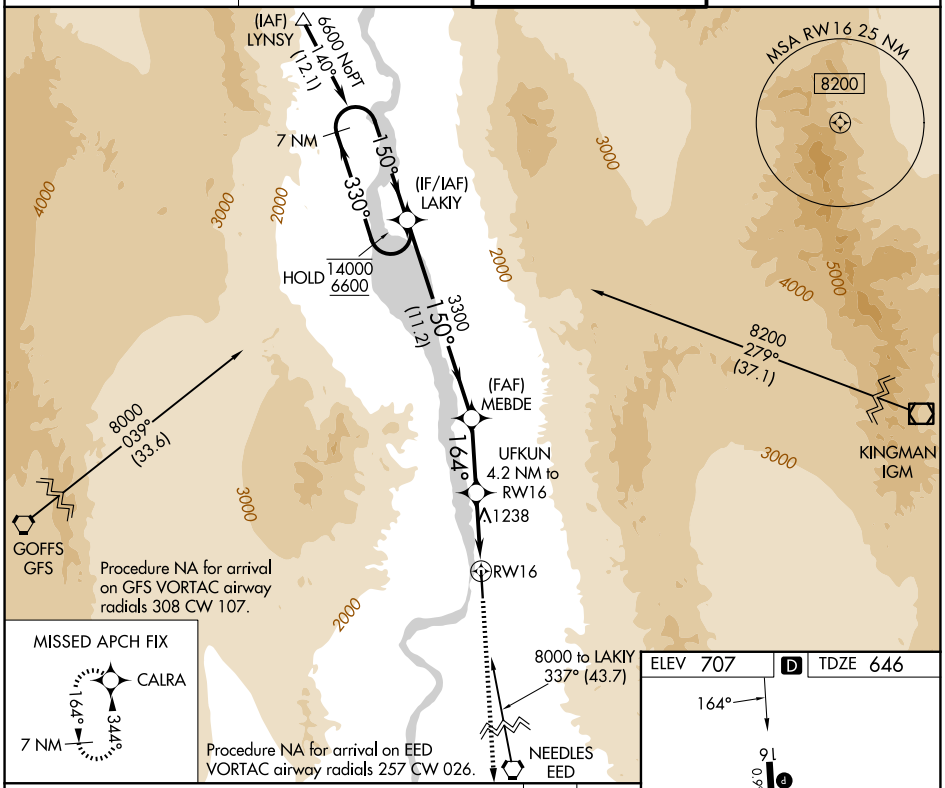
WAAS CH 82624 W16A	APP CRS 164°	Rwy Ldg 8500 / TDZE 646 / Apt Elev 707

RNP APCH - GPS.

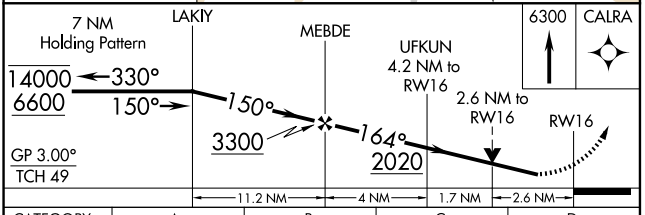
Procedure NA at night. Rwy 16 helicopter visibility reduction below ¾ SM NA. Baro-VNAV NA.

MISSED APPROACH: Climb to 6300 direct CALRA and hold, continue climb-in-hold to 6300.

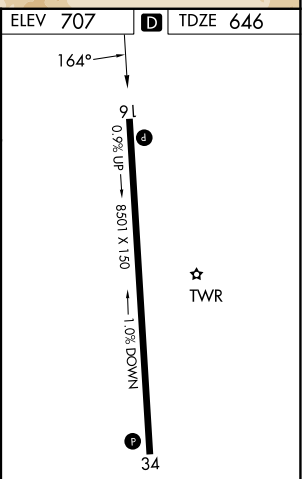
ATIS	LOS ANGELES CENTER	BULLHEAD TOWER ★	GND CON
119.825	134.65 360.65	123.9 (CTAF) L	118.25



MISSED APCH FIX



CATEGORY	A	B	C	D
LPV DA	1048-1⅛ 402 (400-1⅛)			
LNAV/VNAV DA	1500-2½ 854 (800-2½)			
LNAV MDA	1500-1 854 (800-1)	1500-1¼ 854 (800-1¼)	1500-2½ 854 (800-2½)	
CIRCLING	1500-1 793 (800-1)	1560-1¼ 853 (900-1¼)	1800-3 1093 (1100-3)	2340-3 1633 (1700-3)



REIL Rwys 16 and 34 L

MIRL Rwy 16-34 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 34

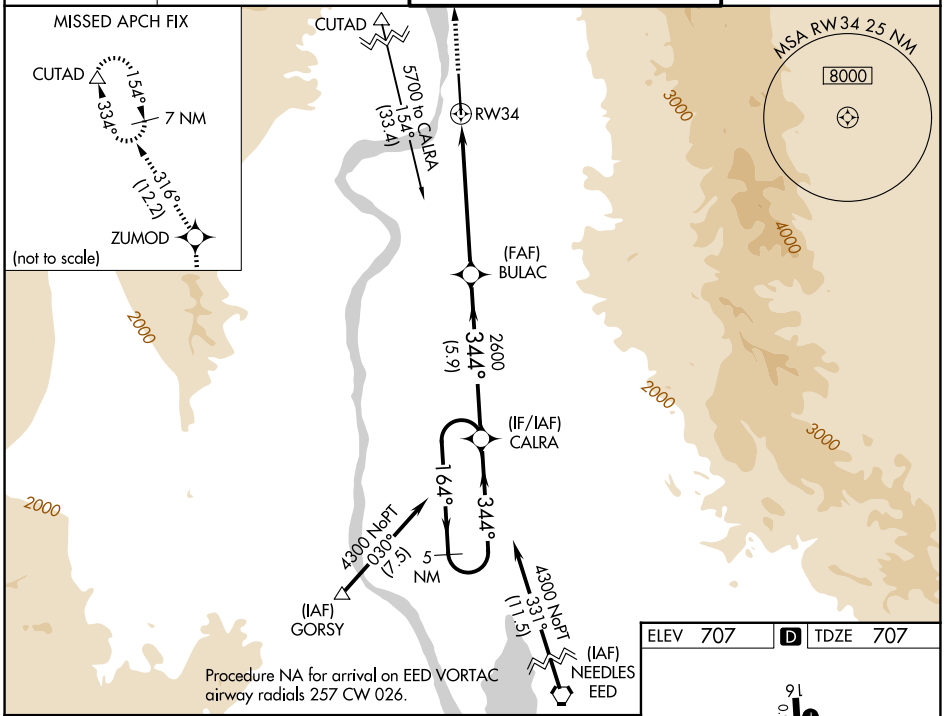
LAUGHLIN/BULLHEAD INTL (IFP)

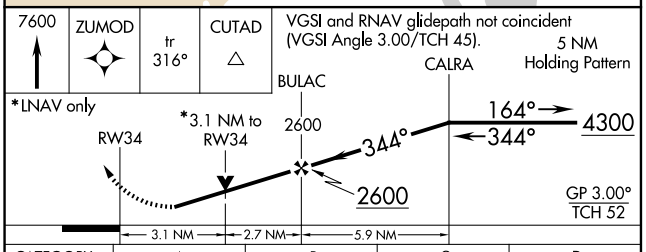
WAAS	APP CRS		
CH **82602**	**344°**	Rwy Ldg	**8500**
W34A		TDZE	**707**
		Apt Elev	**707**

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F).
Rwy 34 helicopter visibility reduction below ¾ SM NA.
DME/DME RNP-0.3 NA.
Circling Rwy 16 NA at night.

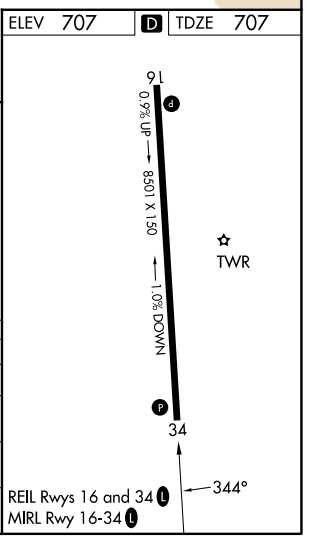
MISSED APPROACH: Climb to 7600 direct ZUMOD and on track 316° to CUTAD and hold, continue climb-in-hold to 7600.

ATIS	LOS ANGELES CENTER	BULLHEAD TOWER★	GND CON
119.825	**134.65 360.65**	**123.9** (CTAF) L	**118.25**





CATEGORY	A	B	C	D
LPV DA	1352-2½ 645 (700-2½)			
LNAV/VNAV DA	1506-3 799 (800-3)			
LNAV MDA	1740-1¼ 1033 (1100-1¼)	1740-1½ 1033 (1100-1½)	1740-3 1033 (1100-3)	
CIRCLING	1740-1¼ 1033 (1100-1¼)	1740-1½ 1033 (1100-1½)	1800-3 1093 (1100-3)	2340-3 1633 (1700-3)



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

BULLHEAD CITY, ARIZONA AL-6967 (FAA) 26246

VORTAC EED	APP CRS	Rwy Ldg 8500
115.2	335°	TDZE 707
Chan 99		Apt Elev 707

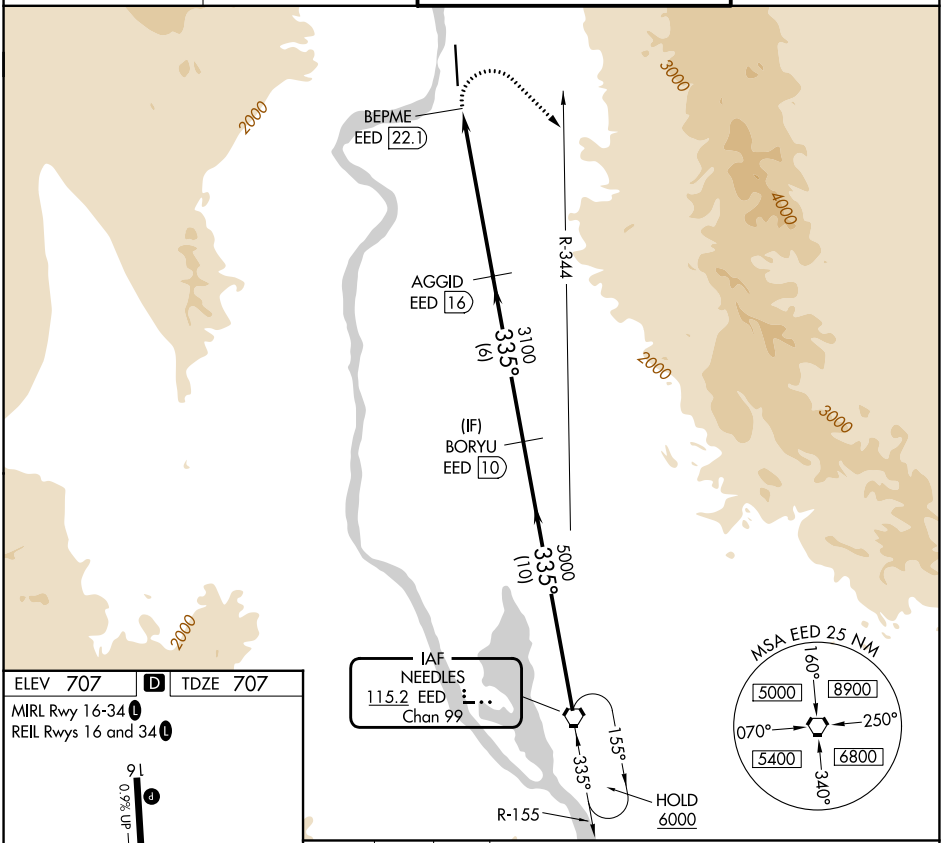
VOR RWY 34

LAUGHLIN/BULLHEAD INTL (IFP)

Rwy 34 helicopter visibility reduction below ¾ SM NA.
DME required. Circling Rwy 16 NA at night.

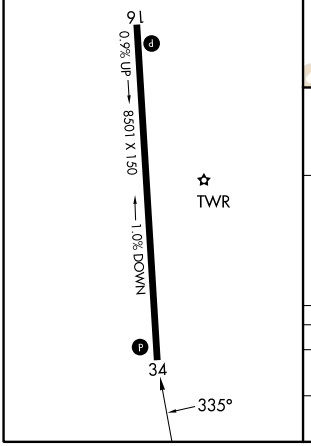
MISSED APPROACH: Climbing right turn to 6000 on heading 120° and EED VORTAC R-344 to EED VORTAC and hold.

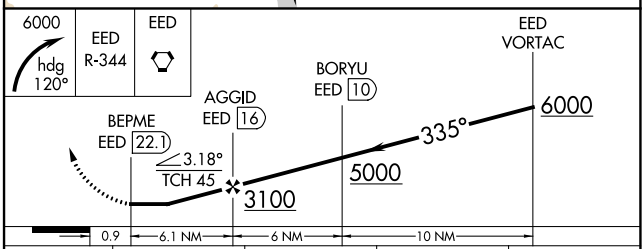
ATIS	LOS ANGELES CENTER	BULLHEAD TOWER★	GND CON
119.825	134.65 360.65	123.9 (CTAF) L	118.25



ELEV 707 D TDZE 707

MIRL Rwy 16-34 L
REIL Rwys 16 and 34 L





CATEGORY	A	B	C	D
S-34	2840-1¼ 2133 (2200-1¼)	2840-1½ 2133 (2200-1½)	2840-3	2133 (2200-3)
CIRCLING	2840-1¼ 2133 (2200-1¼)	2840-1½ 2133 (2200-1½)	2840-3	2133 (2200-3)

BULLHEAD CITY, ARIZONA
Amdt 2 02MAR17

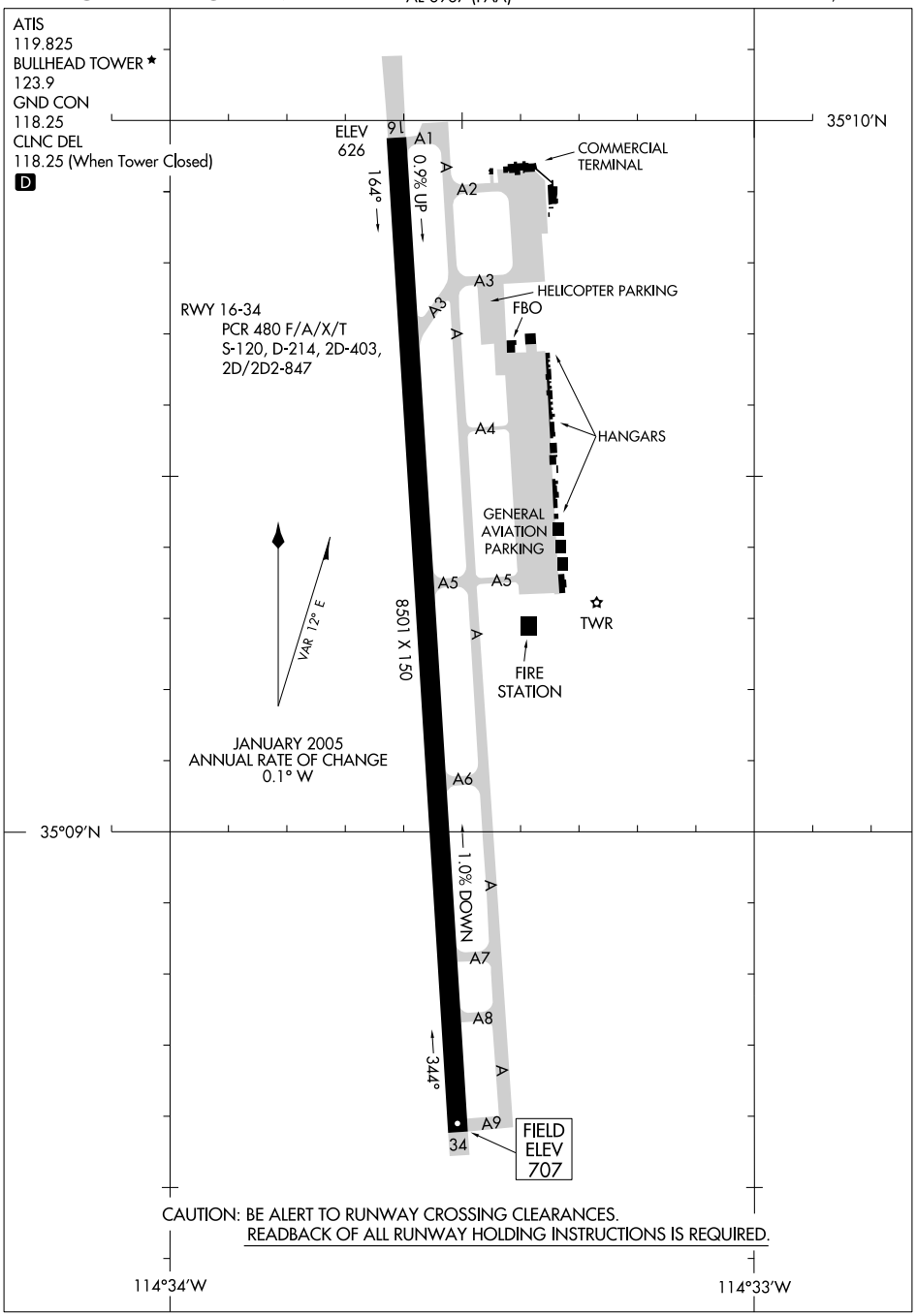
35°09'N-114°34'W

LAUGHLIN/BULLHEAD INTL (IFP)

VOR RWY 34

SW-4, 03 SEP 2026 to 29 OCT 2026

AL-6967 (FAA)



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

CARSON CITY, NEVADA | AL-6515 (FAA) | 26078

RNAV (GPS) RWY 27

CARSON CITY (CXP)

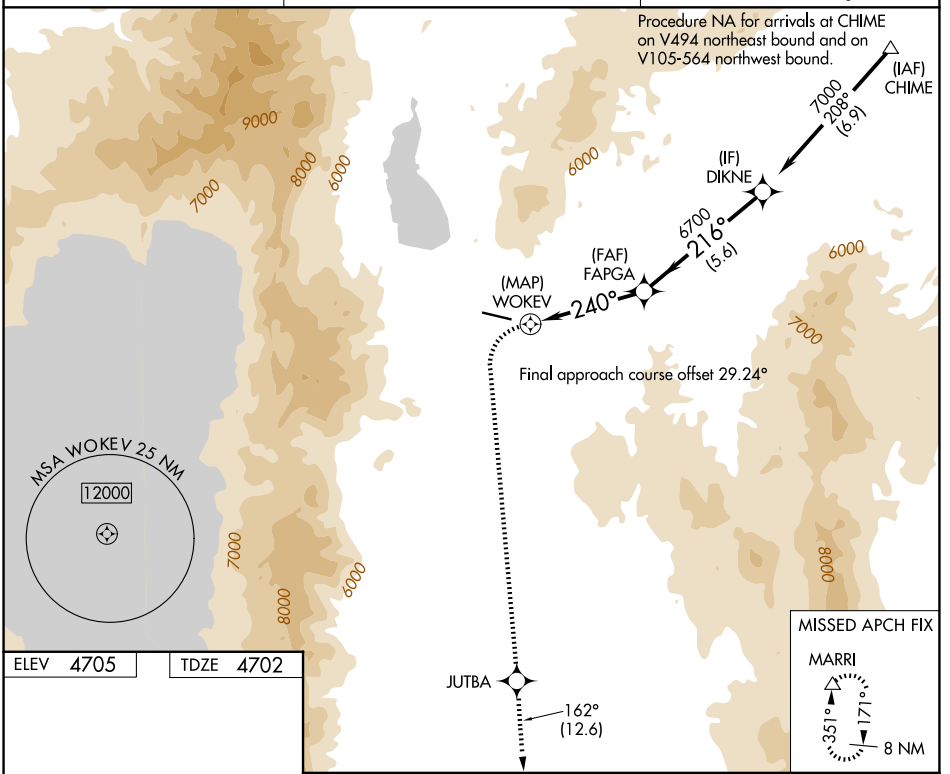
WAAS	APP CRS	Rwy Ldg	6101
CH 87031	240°	TDZE	4702
W27A		Apt Elev	4705

T NA -18°C

DME/DME RNP-0.3 NA. Procedure NA at night. When local altimeter setting not received use Reno/Tahoe altimeter setting and increase all MDA 540 feet. Helicopter visibility reduction below 1 SM not authorized. Circling NA north of Rwy 9-27.

MISSED APPROACH: Climbing left turn to 13400 direct JUTBA and on track 162° to MARRI and hold, continue climb-in-hold to 13400.

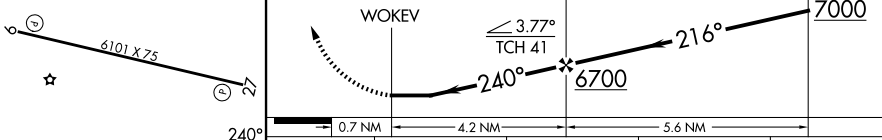
AWOS-3PT	NORCAL APP CON	UNICOM
119.925	119.2 279.55	123.0 (CTAF) L

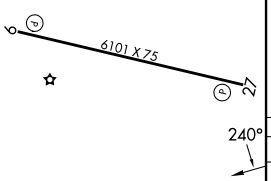


ELEV 4705 | TDZE 4702

13400	JUTBA	tr 162°	MARRI

VGSI and descent angles not coincident (VGSI Angle 3.77/TCH 41).





CATEGORY	A	B	C	D
LP MDA	5900-1¼ 1198 (1200-1¼)	5900-1½ 1198 (1200-1½)	NA	
LNAV MDA	6180-1¼ 1478 (1500-1¼)	6180-1½ 1478 (1500-1½)	NA	
CIRCLING	6180-1¼ 1475 (1500-1¼)	6180-1½ 1475 (1500-1½)	NA	

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

CARSON CITY, NEVADA
Orig-B 02JAN20

39°12'N-119°44'W

CARSON CITY (CXP)

RNAV (GPS) RWY 27

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS)-A

CARSON CITY (CXP)

APP CRS	Rwy Ldg	N/A
342°	TDZE	N/A
	Apt Elev	4705

RNP APCH.

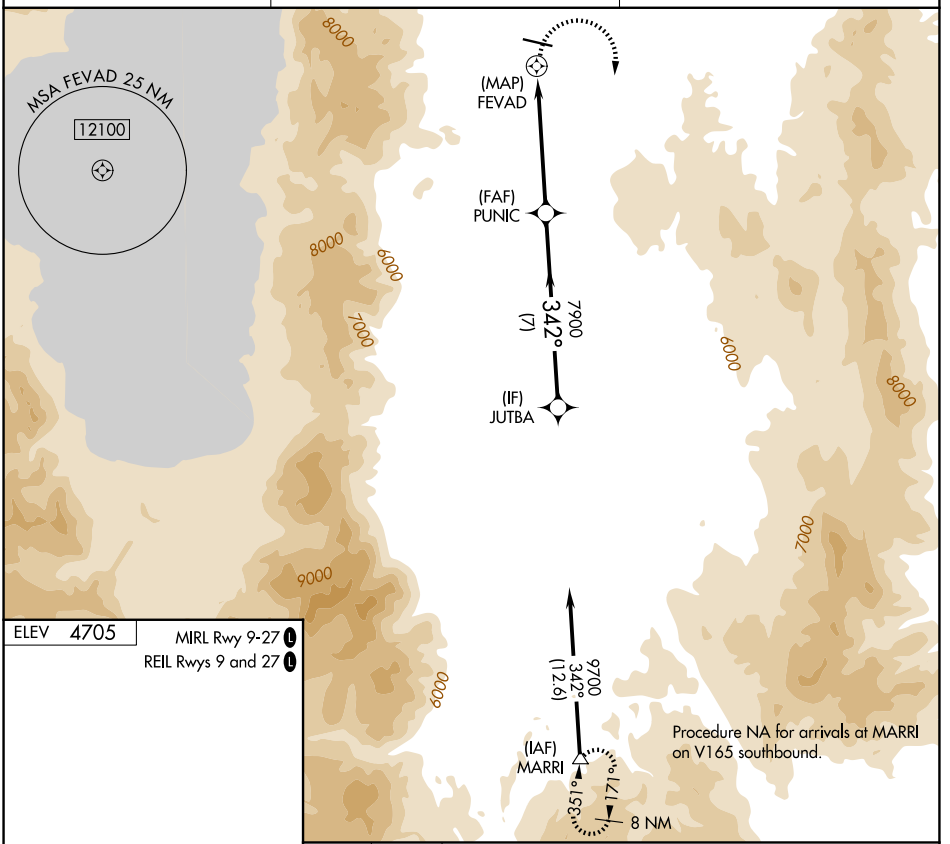
Procedure NA at night. When local altimeter setting not received, use Reno/Tahoe Intl altimeter setting and increase all MDA 540 feet. Circling NA north of Rwy 9-27.

NA

-18°C

MISSED APPROACH: Climbing right turn to 13400 direct MARRI and hold, continue climb-in-hold to 13400.

AWOS-3PT	NORCAL APP CON	UNICOM
119.925	119.2 279.55	123.0 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	6380-1¼ 1675 (1700-1¼)	6380-1½ 1675 (1700-1½)	6380-3 1675 (1700-3)	7660-3 2955 (3000-3)

SW-4, 03 SEP 2026 to 29 OCT 2026

CARSON CITY, NEVADA | AL-6515 (FAA) | 26078

RNAV (GPS)-B

CARSON CITY (CXP)

APP CRS	Rwy Ldg	N/A
232°	TDZE	N/A
	Apt Elev	4705

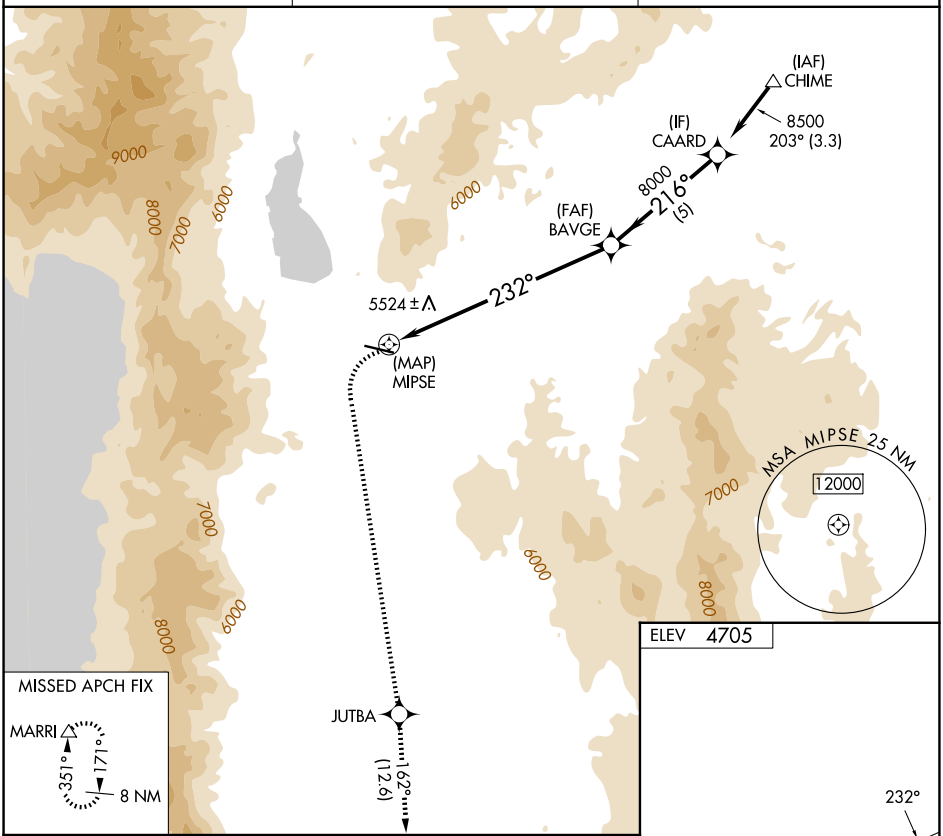
RNP APCH.

T A -18°C

Circling NA north of Rwy 9-27.
Procedure NA at night.

MISSED APPROACH: Climbing left turn to 13400 direct JUTBA and on track 162° direct MARRI and hold, continue climb-in-hold to 13400.

AWOS-3PT	NORCAL APP CON	UNICOM
119.925	119.2 279.55	123.0 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	6340-1¼ 1635 (1700-1¼)	6340-1½ 1635 (1700-1½)	6340-3 1635 (1700-3)	7660-3 2955 (3000-3)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

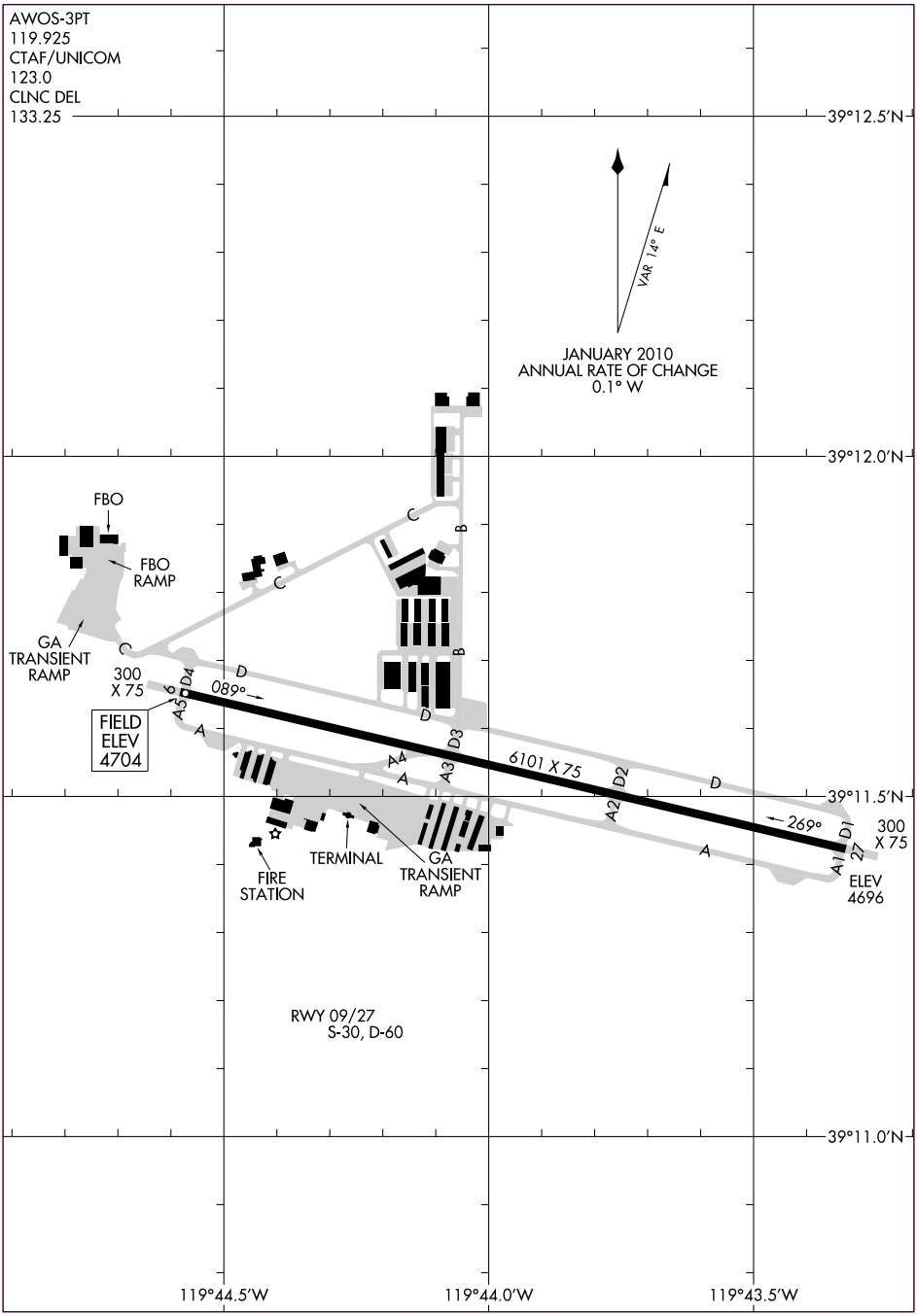
SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

CARSON CITY, NEVADA
Orig 03JAN19

39°12'N-119°44'W

CARSON CITY (CXP)
RNAV (GPS)-B



SW-4, 03 SEP 2026 to 29 OCT 2026

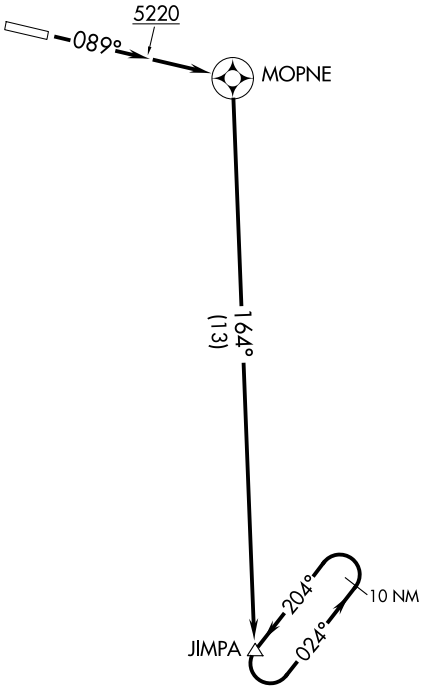
(JIMPA2.JIMPA) 23278

JIMPA TWO DEPARTURE (OBSTACLE) (RNAV)

AL-6515 (FAA)

CARSON CITY (CXP)
CARSON CITY, NEVADA

AWOS-3PT
119.925
NORCAL DEP CON
119.2 279.55



NOTE: RNAV 1.

NOTE: GPS required.

TAKEOFF MINIMUMS

Rwy 9: Standard with minimum climb of 550′ per NM to 11400′.
Rwy 27: NA - Obstacles.

TAKEOFF OBSTACLE NOTES

Rwy 9: Powerlines beginning 630′ from DER, left and right of centerline, up to 75′ AGL/4754′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 089° to 5220, then climb to 15000 direct MOPNE and on track 164° to JIMPA and hold. Continue climb-in-hold to 15000 before proceeding on course.

SW-4, 03 SEP 2026 to 29 OCT 2026

LOC I-CGZ	APP CRS	Rwy Ldg	5200
111.15	048°	TDZE	1458
		Apt Elev	1464

ILS or LOC RWY 5

CASA GRANDE MUNI (CGZ)

DME required for LOC only.

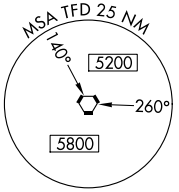
Circling NA for Cat C and D northwest of Rwy 5-23. Autopilot coupled approach NA below 1650. DME from TFD VORTAC. Simultaneous reception of I-CGZ and TFD DME required. For inop ALS, increase S-LOC 5 Cat C/D visibility to 1 SM.

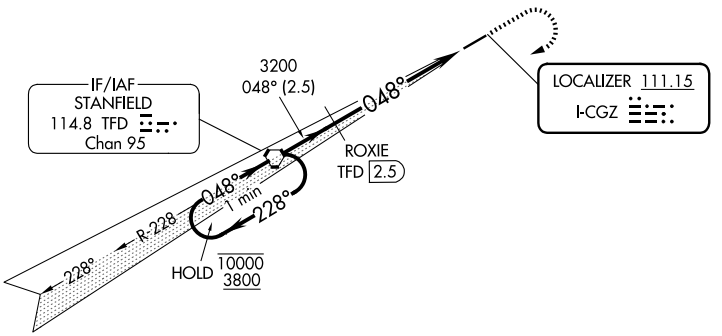
NA

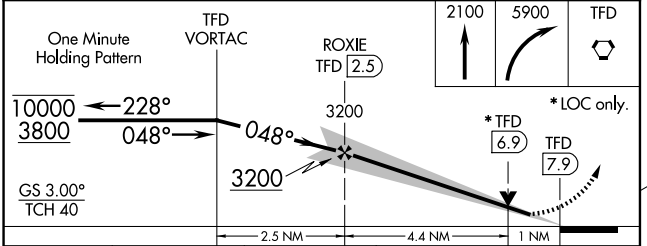
MALSR

MISSED APPROACH: Climb to 2100 then climbing right turn to 5900 direct STANFIELD VORTAC and hold. Continue climb in hold to 5900.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
132.175	125.4 269.3	122.7 (CTAF)

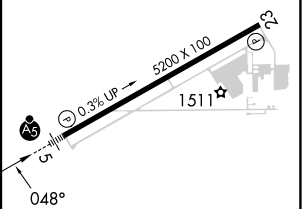






CATEGORY	A	B	C	D
S-ILS 5	1708-½ 250 (300-½)			
S-LOC 5	1800-½ 342 (400-½)		1800-⅝ 342 (400-⅝)	
CIRCLING	1960-1 496 (500-1)		1960-1½ 496 (500-1½)	2260-2½ 796 (800-2½)

ELEV 1464 TDZE 1458



MIRL Rwy 5-23

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 5

CASA GRANDE MUNI (CGZ)

WAAS	APP CRS	Rwy Ldg	5200
CH 61042	048°	TDZE	1458
W05A		Apt Elev	1464

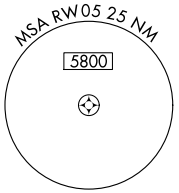
RNP APCH.

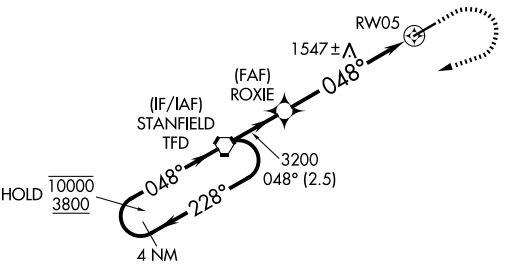
T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. Circling NA for Cat C and D northwest of Rwy 5-23. For inoperative ALS, increase LNAV Cat C/D visibility to 1 SM.

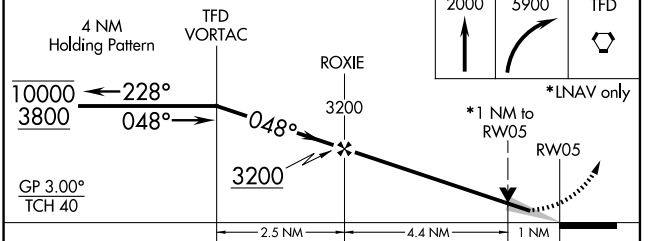
MALSR (A5)

MISSED APPROACH: (Do not exceed 240K until TFD VORTAC) Climb to 2000 then climbing right turn to 5900 direct TFD VORTAC and hold. Continue climb in hold to 5900.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
132.175	125.4 269.3	122.7 (CTAF) L

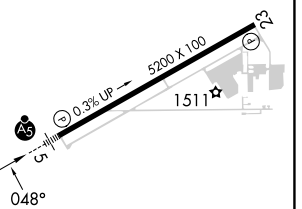






CATEGORY	A	B	C	D
LPV DA	1708-½ 250 (300-½)			
LNAV/VNAV DA	1708-½ 250 (300-½)			
LNAV MDA	1800-½ 342 (400-½)		1800-⅝ 342 (400-⅝)	
CIRCLING	1960-1 496 (500-1)		1960-1½ 496 (500-1½)	2260-2½ 796 (800-2½)

ELEV 1464 TDZE 1458



MIRL Rwy 5-23

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	5200
241°	TDZE	1464
	Apt Elev	1464

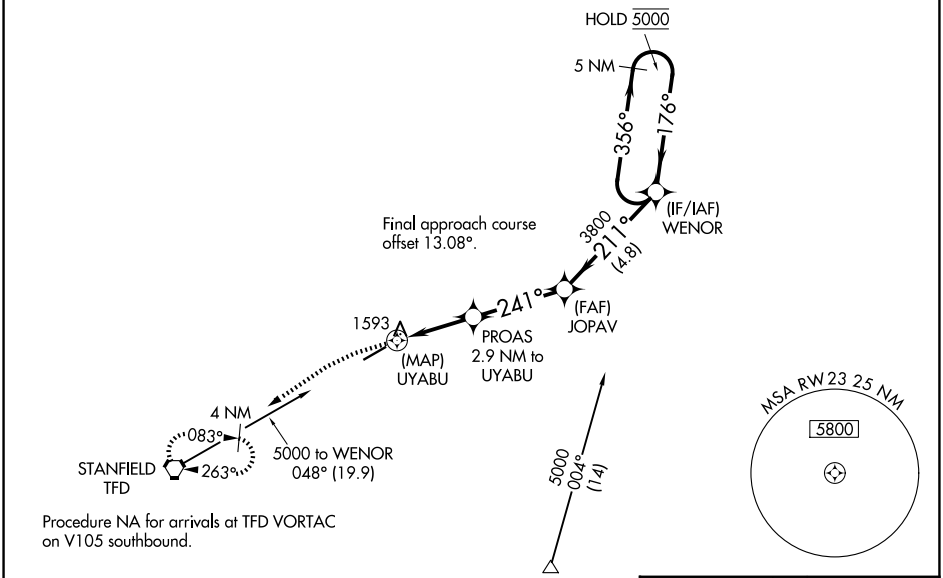
RNAV (GPS) RWY 23
CASA GRANDE MUNI (CGZ)

RNP APCH-GPS.

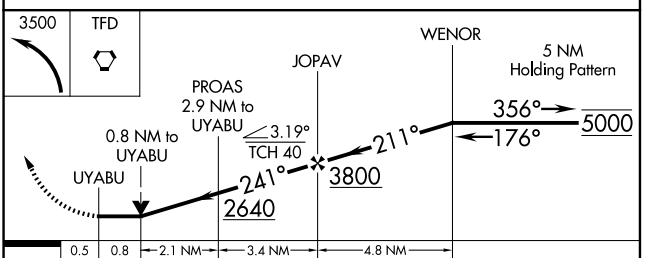
Rwy 23 helicopter visibility reduction below ¾ SM NA.
Circling NA for Cat C and D northwest of Rwy 5-23.

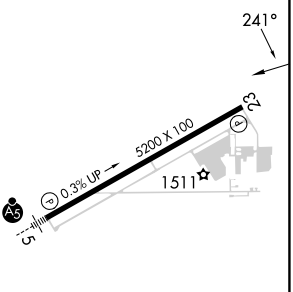
MISSED APPROACH: Climbing left turn to 3500 direct TFD VORTAC and hold.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
132.175	125.4 269.3	122.7 (CTAF) L



ELEV 1464	TDZE 1464





CATEGORY	A	B	C	D
LNAV MDA	1900-1 436 (500-1)		1900-1¼ 436 (500-1¼)	
CIRCLING	1960-1 496 (500-1)		1960-1½ 496 (500-1½)	2260-2½ 796 (800-2½)

MIRL Rwy 5-23

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VORTAC TFD	APP CRS	Rwy Ldg	5200
114.8	048°	TDZE	1458
Chan 95		Apt Elev	1464

VOR RWY 5

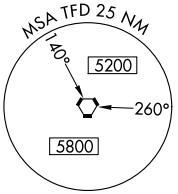
CASA GRANDE MUNI (CGZ)

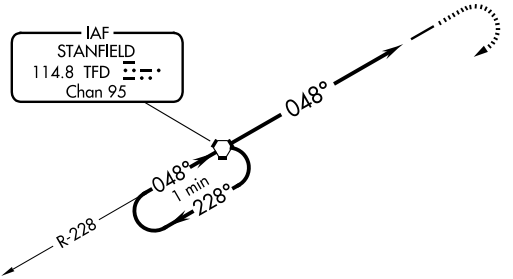
For inop ALS, increase S-5 Cats A/B visibility to 1 mile. Rwy 5 helicopter visibility reduction below ¾ SM NA. Circling Rwy 23 NA at night.

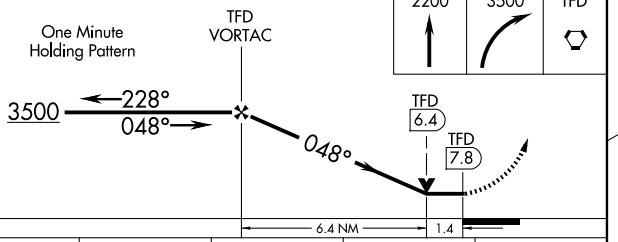
MALSR

MISSED APPROACH: Climb to 2200, then climbing right turn to 3500 direct TFD VORTAC and hold.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
132.175	125.4 269.3	122.7 (CTAF) L



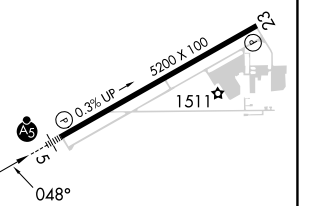




2200	3500	TFD

CATEGORY	A	B	C	D
S-5	1960-¾	502 (500-¾)	NA	
CIRCLING	1960-1	496 (500-1)	NA	

ELEV 1464 TDZE 1458



MIRL Rwy 5-23

FAF to MAP 7.8 NM					
Knots	60	90	120	150	180
Min:Sec	7:48	5:12	3:54	3:07	2:36

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LOC I-ECC	APP CRS	Rwy Ldg	8653
110.1	200°	TDZE	5605
		Apt Elev	5622

ILS or LOC RWY 20

CEDAR CITY RGNL(CDC)

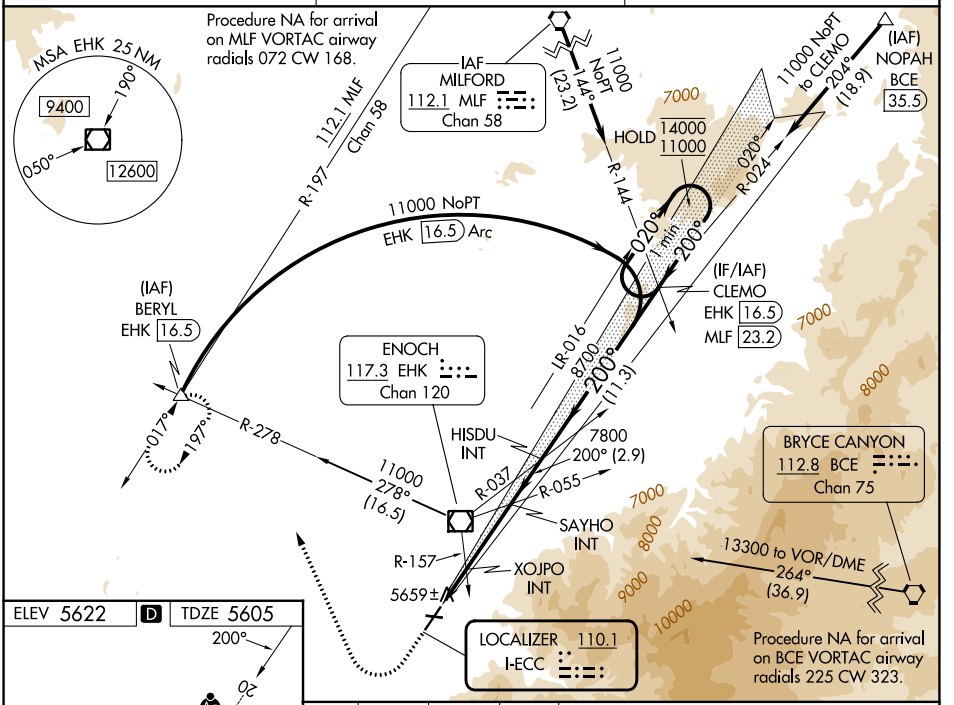
DME required.

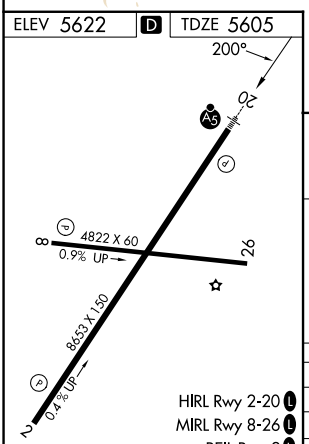
T NA XOJPO fix minimums (Dual VOR receivers required): For inop ALS, increase S-LOC 20 Cats C/D visibility to 1⅜ SM. For inop ALS, increase S-LOC 20 Cats C/D visibility to 2½ SM.
#For inop ALS, increase S-ILS 20 visibility all Cats to 1 SM.

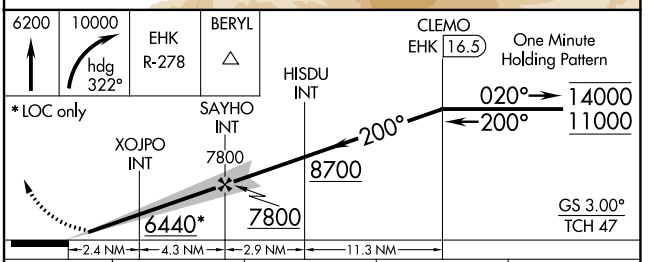
MALSR

MISSED APPROACH: Climb to 6200 then climbing right turn to 10000 on heading 322° and on EHK R-278 to BERYL INT/EHK 16.5 DME and hold, continue climb-in-hold to 10000.
†Missed approach requires minimum climb of 210 feet per NM to 7300.

ASOS	SALT LAKE CITY CENTER	UNICOM
119.025	125.575 379.275	123.0 (CTAF) L







FAF to MAP 6.7 NM					
Knots	60	90	120	150	180
Min:Sec	6:42	4:28	3:21	2:41	2:14

CATEGORY	A	B	C	D
S-ILS 20†	5825-½ 220 (300-½)			
S-ILS 20#	5882-½ 277 (300-½)			
S-LOC 20	6440-½ 835 (900-½)	6440-¾ 835 (900-¾)	6440-1⅞ 835 (900-1⅞)	
XOJPO FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED				
S-LOC 20	6100-½ 495 (500-½)		6100-1 495 (500-1)	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

CEDAR CITY, UTAH | AL-5139 (FAA) | 26190

RNAV (GPS) RWY 2
CEDAR CITY RGNL (CDC)

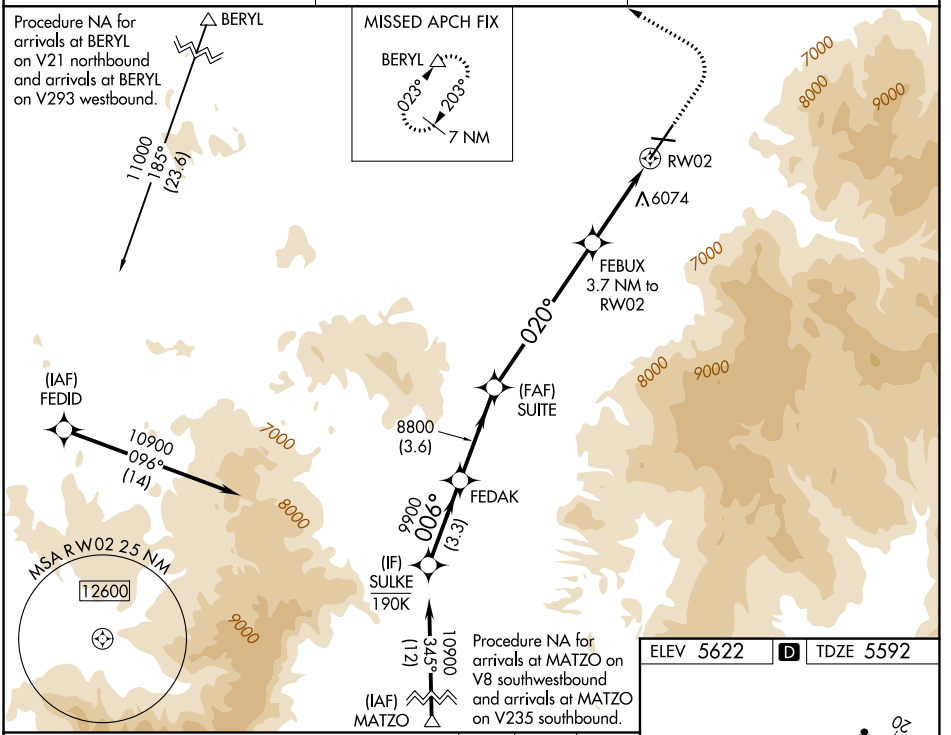
WAAS	APP CRS	Rwy Ldg	8653
CH 49143	020°	TDZE	5592
W02A		Apt Elev	5622

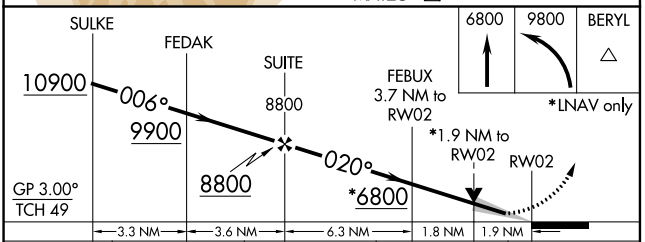
RNP APCH.

Circling NA east of Rwy 2-20. Baro-VNAV NA.

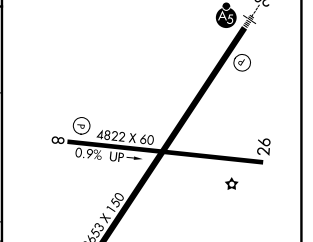
MISSED APPROACH: Climb to 6800 then climbing left turn to 9800 direct BERYL and hold.

ASOS	SALT LAKE CITY CENTER	UNICOM
119.025	125.575 379.275	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	5867-⅞ 275 (300-⅞)			
LNAV/VNAV DA	6394-2½ 802 (800-2½)			
LNAV MDA	6240-1 648 (700-1)		6240-1⅞ 648 (700-1⅞)	
CIRCLING	6240-1 618 (700-1)		6240-1⅞ 618 (700-1⅞)	6240-2 618 (700-2)



CEDAR CITY, UTAH
Orig-A 16JUN22

37°42'N-113°06'W

CEDAR CITY RGNL (CDC)
RNAV (GPS) RWY 2

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 20

CEDAR CITY RGNL (CDC)

WAAS	APP CRS	Rwy Ldg	8653
CH 72640	200°	TDZE	5605
W20A		Apt Elev	5622

RNP APCH.

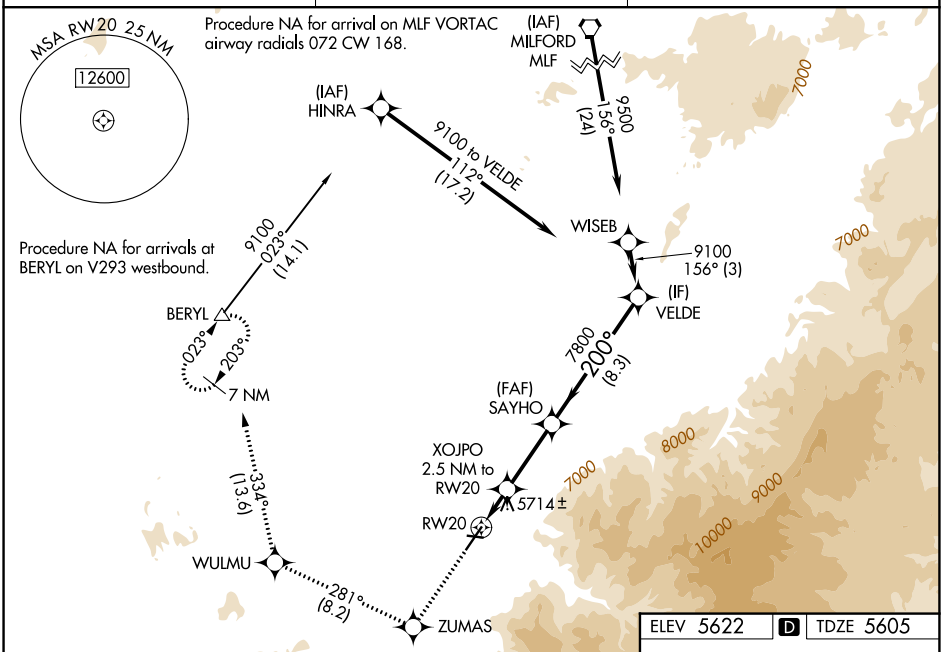
T A

Circling NA east of Rwy 2-20. Baro-VNAV NA.
For inop ALS, increase LNAV/VNAV all Cats visibility to 1⅛ SM and LNAV Cats C/D visibility to 1⅝ SM.

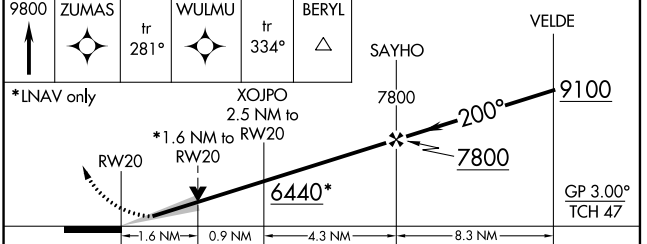
MALSR

MISSED APPROACH: Climb to 9800 direct ZUMAS and on track 281° to WULMU and on track 334° to BERYL and hold.

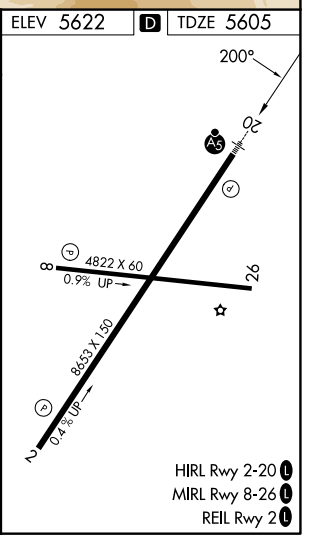
ASOS	SALT LAKE CITY CENTER	UNICOM
119.025	125.575 379.275	123.0 (CTAF) L



9800	ZUMAS	tr 281°	WULMU	tr 334°	BERYL



CATEGORY	A	B	C	D
LPV DA	5825-½ 220 (300-½)			
LNAV/VNAV DA	6015-¾ 410 (400-¾)			
LNAV MDA	6180-½ 575 (600-½)		6180-1¼ 575 (600-1¼)	
CIRCLING	6180-1 558 (600-1)		6180-1⅝ 558 (600-1⅝)	6180-2 558 (600-2)



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

CEDAR CITY, UTAH | AL-5139 (FAA) | 26246

VOR RWY 20

CEDAR CITY RGNL (CDC)

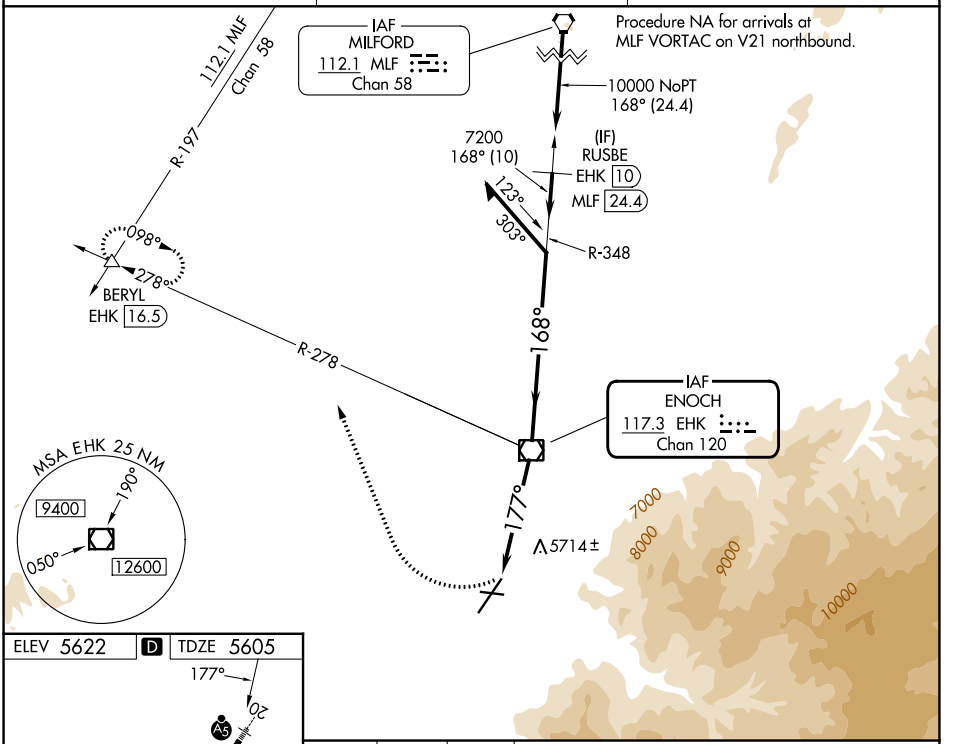
VOR/DME EHK	APP CRS	Rwy Ldg	8653
117.3	177°	TDZE	5605
Chan 120		Apt Elev	5622

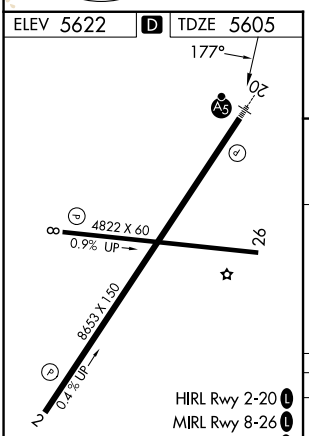
Circling NA southeast of Rwy 2-20.
For inop ALS S-20,* increase Cat C/D visibility to 1⅛ SM.

MALSR

MISSED APPROACH: Climbing right turn to 11500 on heading 322° and on EHK VOR/DME R-278 to BERYL INT/EHK 16.5 DME and hold, continue climb-in-hold to 11500.
*Missed approach requires minimum climb of 247 feet per NM to 7500.

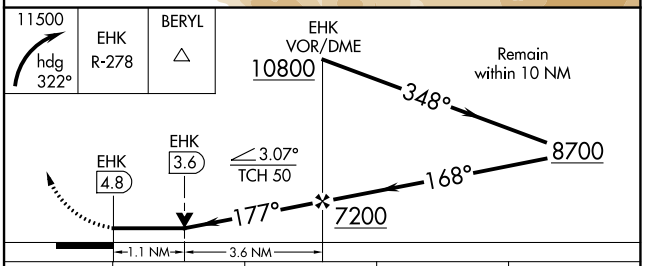
ASOS	SALT LAKE CITY CENTER	UNICOM
119.025	125.575 379.275	123.0 (CTAF) L





FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36



CATEGORY	A	B	C	D
S-20*	6020-½ 415 (400-½)		6020-¾ 415 (400-¾)	
S-20	6300-½ 695 (700-½)		6300-1½ 695 (700-1½)	
CIRCLING	6300-1 678 (700-1)		6300-2 678 (700-2)	6300-2¼ 678 (700-2¼)

CEDAR CITY, UTAH
Amdt 8 31DEC20

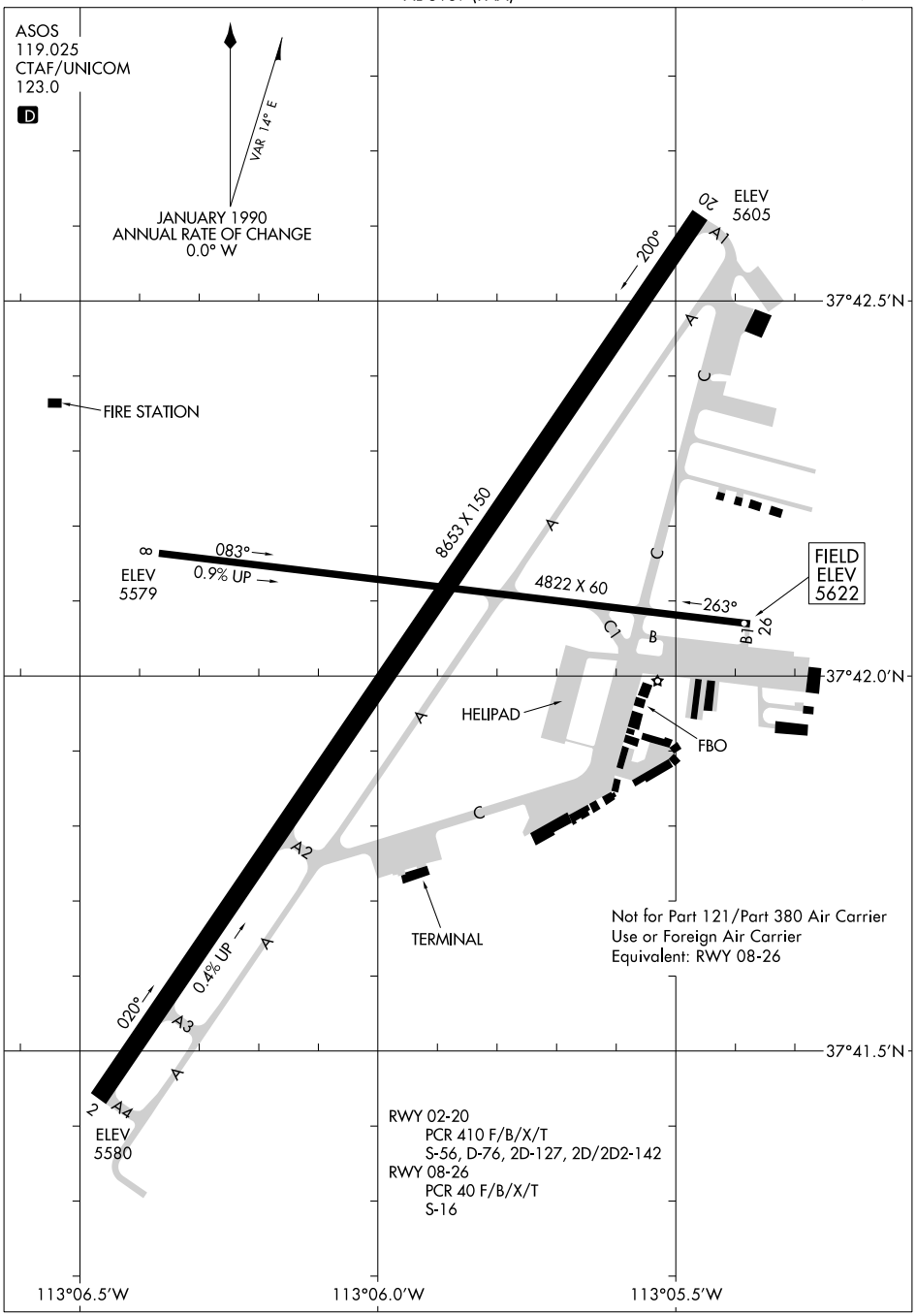
37°42'N-113°06'W

CEDAR CITY RGNL (CDC)
VOR RWY 20

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AL-5139 (FAA)



SW-4, 03 SEP 2026 to 29 OCT 2026

CHANDLER, ARIZONA | AL-6494 (FAA) | 25219

RNAV (GPS) RWY 4R

CHANDLER MUNI (CHD)

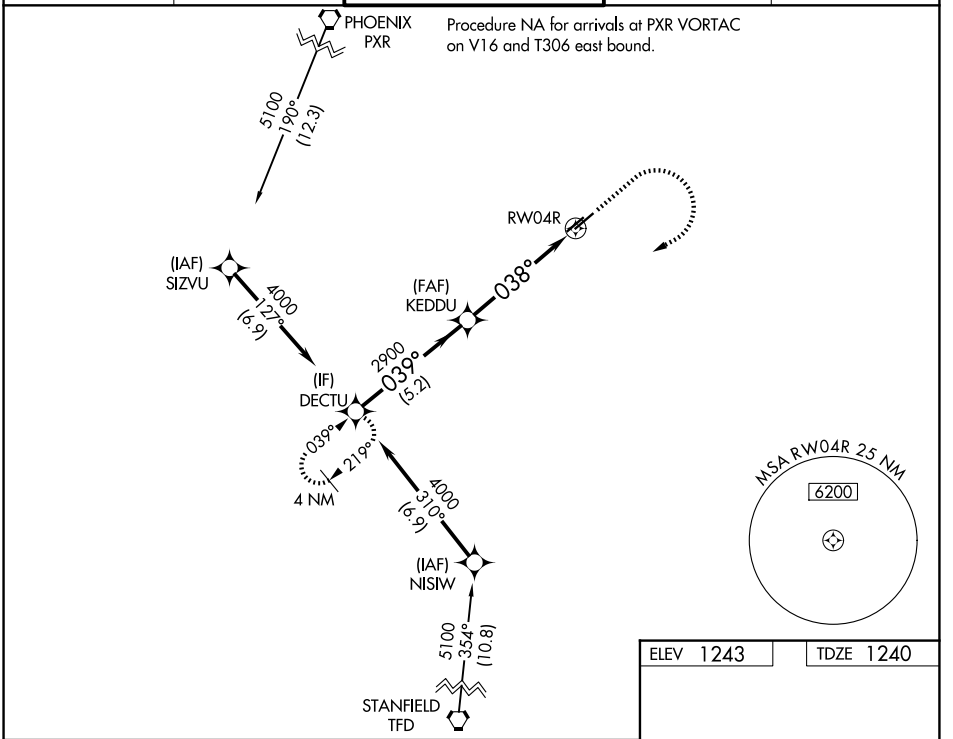
WAAS	APP CRS	Rwy Ldg	4870
CH **93544**	**038°**	TDZE	**1240**
W04A		Apt Elev	**1243**

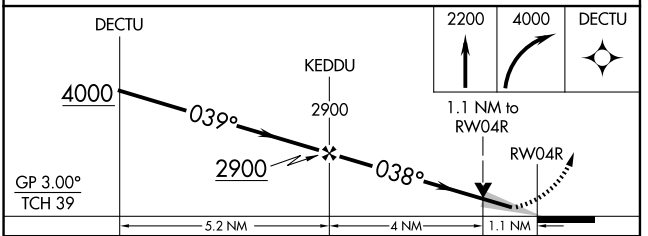
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.

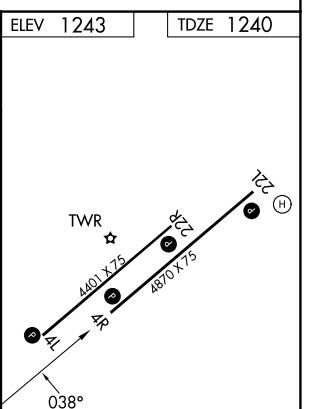
MISSED APPROACH: (Do not exceed 210K until DECTU) Climb to 2200 then climbing right turn to 4000 direct to DECTU and hold.

ATIS	PHOENIX APP CON	CHANDLER TOWER ★	GND CON	UNICOM
128.325	**123.7 363.0**	**126.1** (CTAF) Ⓛ (N and W) **133.1** (S and E)	**124.4**	**122.95**





CATEGORY	A	B	C	D
LPV DA	1490-¾ 250 (300-¾)			NA
LNAV/VNAV DA	1640-1⅛ 400 (400-1⅛)			NA
LNAV MDA	1640-1 400 (400-1)		1640-1⅛ 400 (400-1⅛)	NA
CIRCLING	1700-1 457 (500-1)	1760-1 517 (600-1)	1760-1½ 517 (600-1½)	NA



REIL Rwys 4R and 22L
MIRL Rwys 4L-22R and 4R-22L Ⓛ

CHANDLER, ARIZONA
Amdt 1 02DEC21

33°16′N-111°49′W

CHANDLER MUNI (CHD)

RNAV (GPS) RWY 4R

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

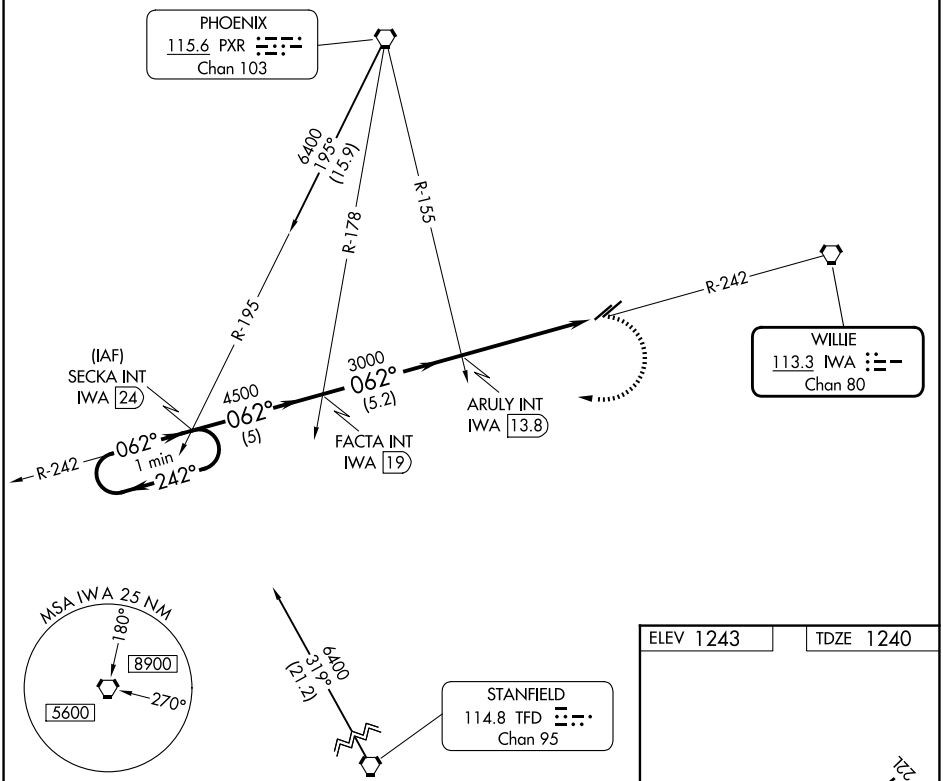
VORTAC IWA	APP CRS	Rwy Ldg	4870
113.3	062°	TDZE	1240
Chan 80		Apt Elev	1243

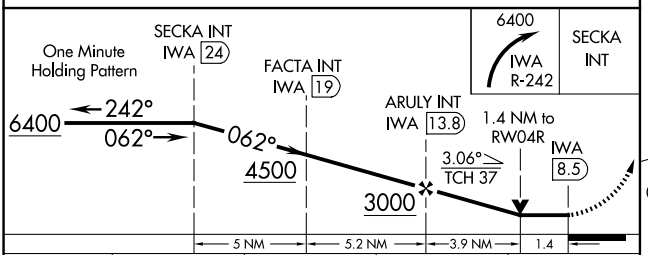
VOR RWY 4R
CHANDLER MUNI (CHD)

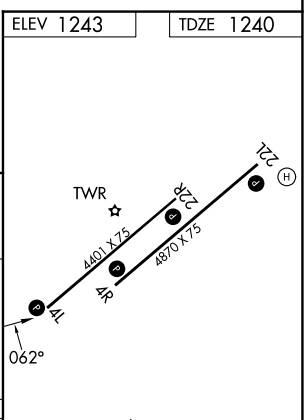
When VGSI inoperative, Circling Rwy 4L NA at night.

MISSED APPROACH: Climbing right turn to 6400 via IWA R-242 to SECKA INT and hold.

ATIS	PHOENIX APP CON	CHANDLER TOWER ★	GND CON	UNICOM
128.325	123.7 363.0	126.1 (CTAF) L (N and W) 133.1 (S and E)	124.4	122.95







CATEGORY	A	B	C	D
S-4R	1680-1 440 (500-1)		1680-1¼ 440 (500-1¼)	NA
CIRCLING	1720-1 477 (500-1)	1760-1 517 (600-1)	1760-1½ 517 (600-1½)	NA

REIL Rwys 4R and 22L
MIRL Rwys 4L-22R and 4R-22L L

FAF to MAP 5.3 NM

Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134

AIRPORT DIAGRAM

AL-6494 (FAA)

CHANDLER MUNI (CHD)

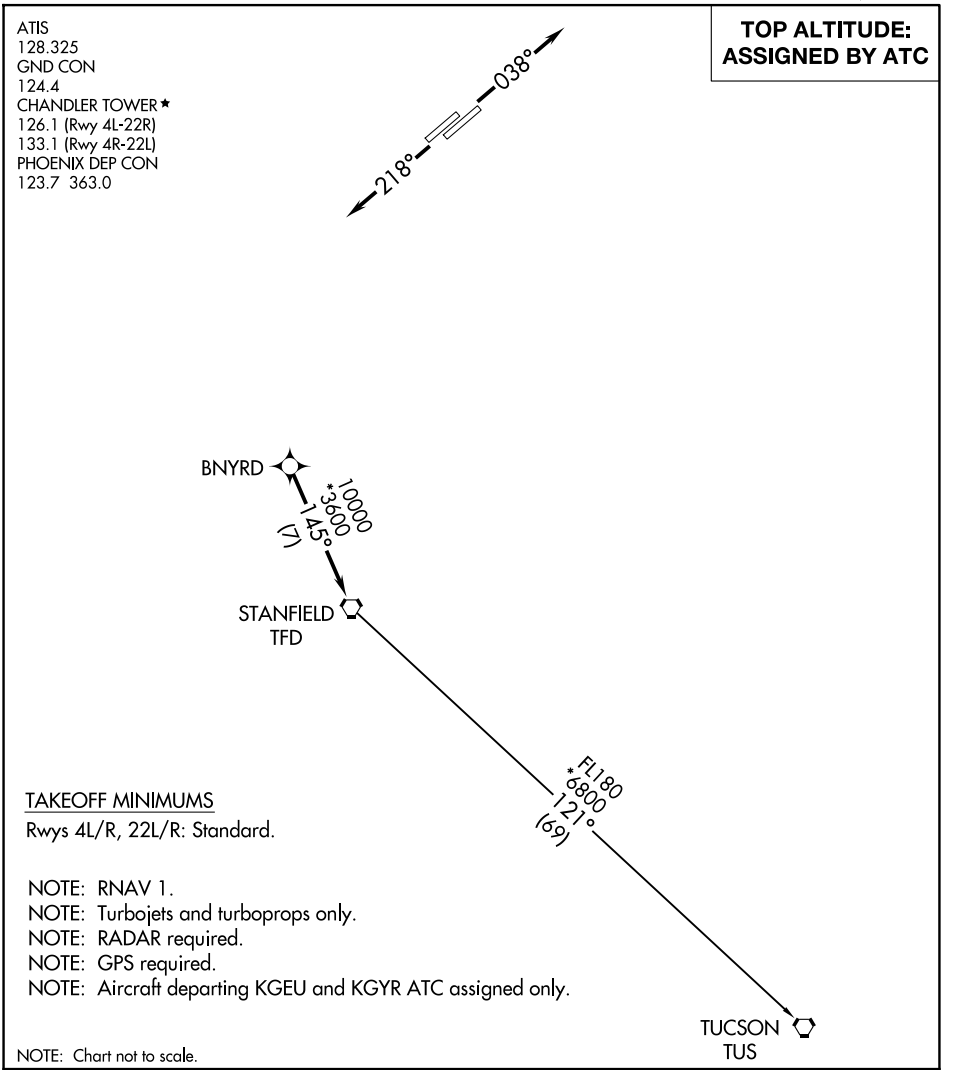
CHANDLER, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26134

CHANDLER, ARIZONA
CHANDLER MUNI (CHD)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climb heading 038° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 218° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to BNYRD, then on track 145° to TFD VORTAC, then on (transition), maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

TUCSON TRANSITION (BNYRD6.TUS)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FTHLS SIX DEPARTURE (RNAV)

AL-6494 (FAA)

PHOENIX DEP CON
123.7 363.0
ATIS
128.325
GND CON
124.4
CHANDLER TOWER★
126.1 (Rwy 4L-22R)
133.1 (Rwy 4R-22L)

TOP ALTITUDE:
ASSIGNED BY ATC

RNAV 1 - GPS.
RADAR required.

NOTE: Turbojets and turboprops only.
NOTE: Aircraft requesting FL220 and below must file BLYTHE Transition.
NOTE: Turbojets landing LAX, file WLVRN Transition.
NOTE: Aircraft landing other than LAX and turboprops landing at LAX: Requesting FL240 and above, file HRRBR Transition.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 4L/R, 22L/R: Standard.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climb on track 038° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAYS 22L/R: Climb on track 218° or as assigned by ATC, thence. . . .

. . . .for RADAR vectors to KEENS, then on track 259° to IZZZO, then on (transition).
Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

BLYTHE TRANSITION (IZZZO8.BLH)
HRRBR TRANSITION (IZZZO8.HRRBR)
WLVRN TRANSITION (IZZZO8.WLVRN)

SW-4, 03 SEP 2026 to 29 OCT 2026

JUDTH SEVEN DEPARTURE (RNAV)

(JUDTH7.JUDTH) 24MAY18

CHANDLER, ARIZONA

CHANDLER MUNI (CHD)

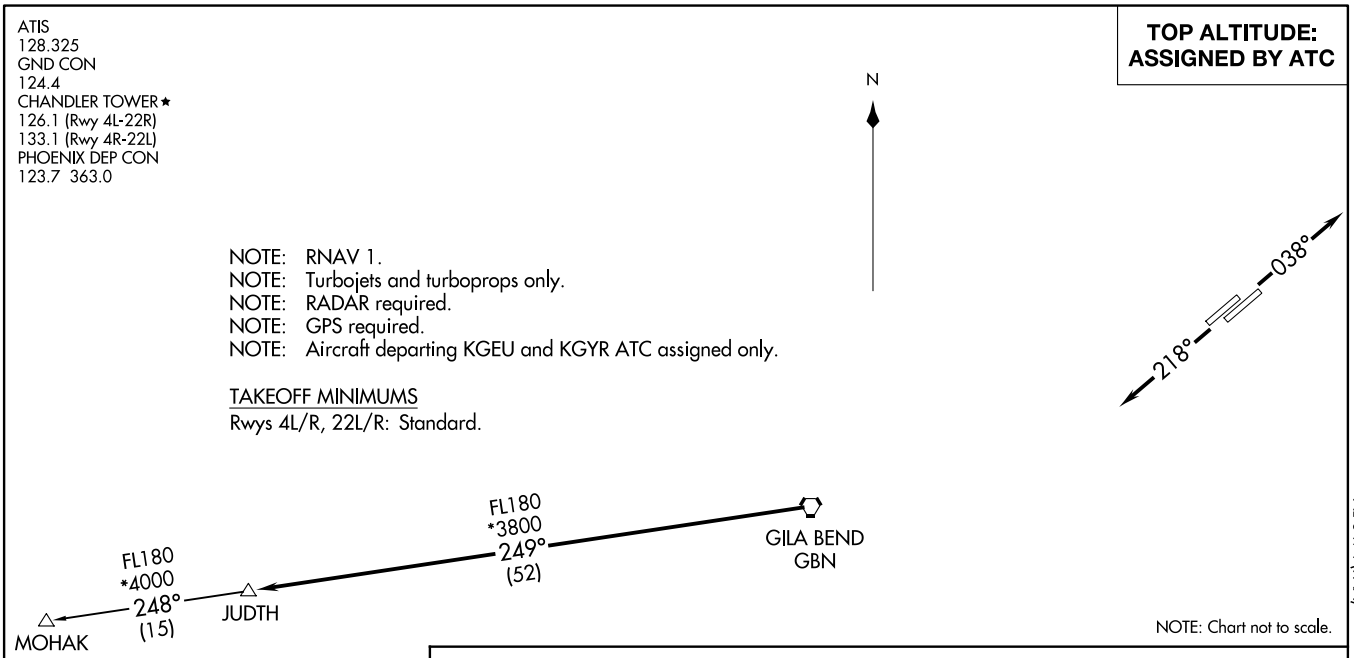
ATIS
128.325
GND CON
124.4
CHANDLER TOWER ★
126.1 (Rwy 4L-22R)
133.1 (Rwy 4R-22L)
PHOENIX DEP CON
123.7 363.0

TOP ALTITUDE: ASSIGNED BY ATC

N

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 4L/R, 22L/R: Standard.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climb heading 038° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 218° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to GBN VORTAC, then on track 249° to JUDTH, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

MOHAK TRANSITION (JUDTH7.MOHAK)

JUDTH SEVEN DEPARTURE (RNAV)

(JUDTH7.JUDTH) 18144

AL-6494 (FAA)

CHANDLER, ARIZONA

CHANDLER MUNI (CHD)

KATMN SIX DEPARTURE (RNAV)

(KATMN6.KATMN) 24MAY18

CHANDLER, ARIZONA
CHANDLER MUNI (CHD)

ATIS
128.325
GND CON
124.4
CHANDLER TOWER ★
126.1 (Rwy 4L-22R)
133.1 (Rwy 4R-22L)
PHOENIX DEP CON
123.7 363.0

TOP ALTITUDE: ASSIGNED BY ATC

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climb heading 038° or as assigned by ATC. Thence. . . .

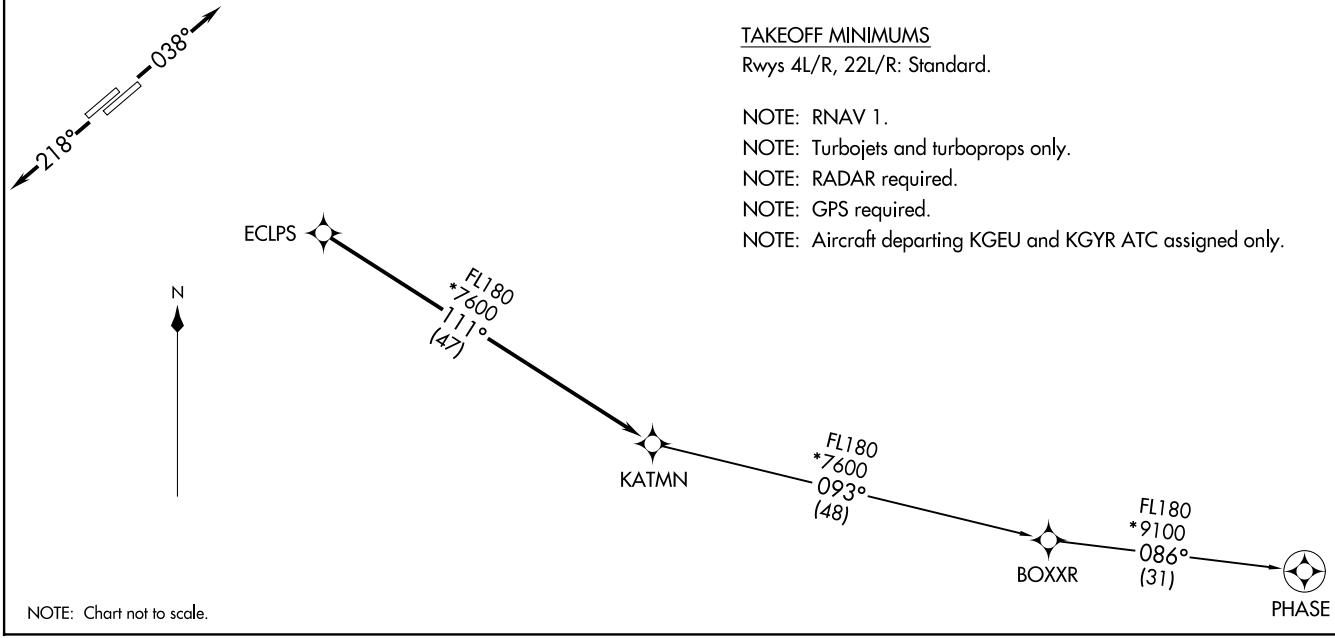
TAKEOFF RUNWAYS 22L/R: Climb heading 218° or as assigned by ATC. Thence. . . .

. . . .on RADAR vectors to ECLPS, then on track 111° to KATMN, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

PHASE TRANSITION (KATMN6.PHASE)

TAKEOFF MINIMUMS
Rwys 4L/R, 22L/R: Standard.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.



NOTE: Chart not to scale.

(KATMN6.KATMN) 18144

KATMN SIX DEPARTURE (RNAV)

AL-6494 (FAA)

CHANDLER MUNI (CHD)
CHANDLER, ARIZONA

LALUZ SIX DEPARTURE (RNAV)

(LALUZ6.LALUZ) 24MAY18

CHANDLER MUNI (CHD)
CHANDLER, ARIZONA

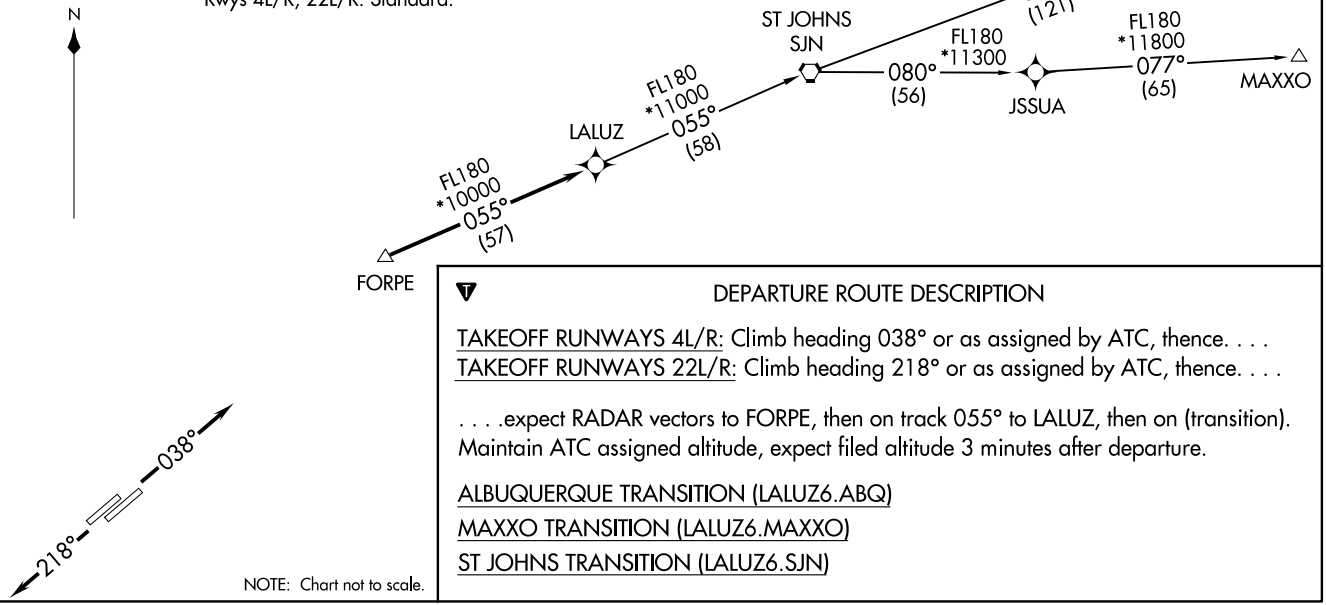
ATIS
128.325
GND CON
124.4
CHANDLER TOWER ★
126.1 (Rwy 4L-22R)
133.1 (Rwy 4R-22L)
PHOENIX DEP CON
123.7 363.0

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: SJN TRANSITION for ABQ terminal arrivals only.
NOTE: MAXXO TRANSITION ATC assigned only.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS, file YOTES DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK, file LALUZ DEPARTURE.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO, file FTHLS DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS

Rwys 4L/R, 22L/R: Standard.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climb heading 038° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAYS 22L/R: Climb heading 218° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to FORPE, then on track 055° to LALUZ, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (LALUZ6.ABQ)

MAXXO TRANSITION (LALUZ6.MAXXO)

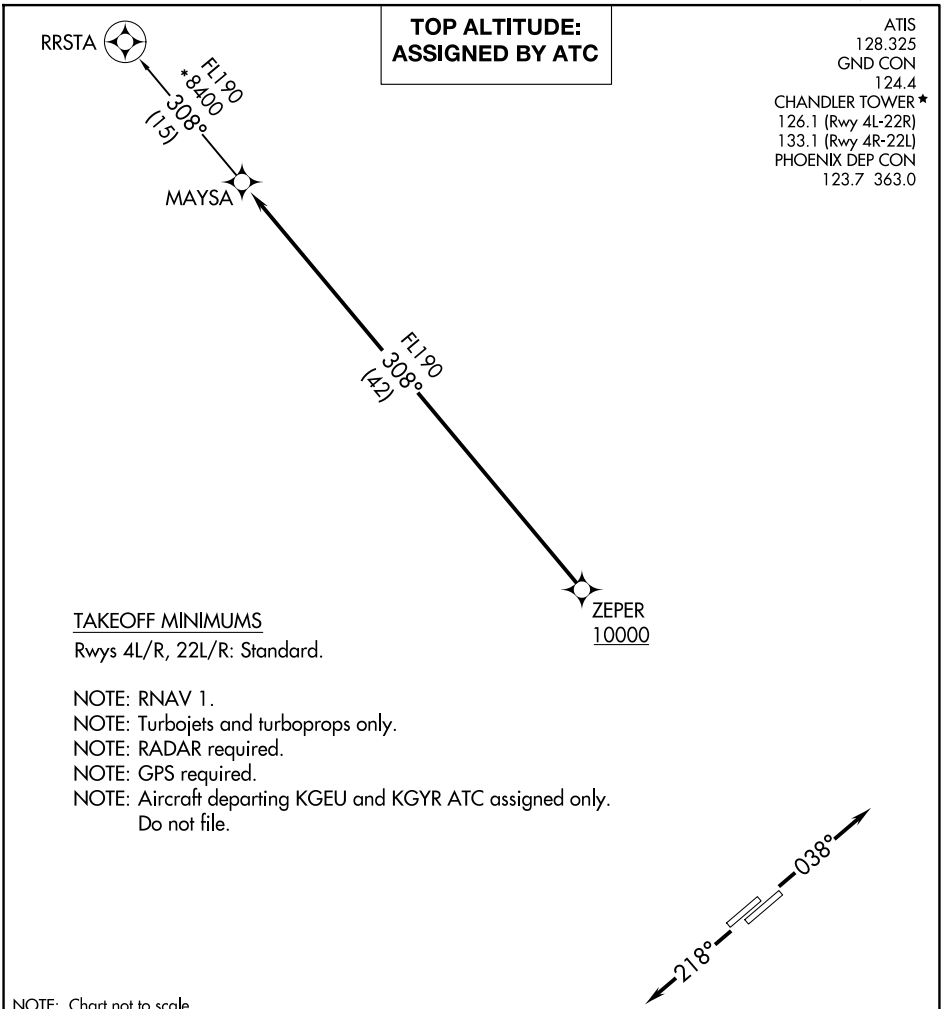
ST JOHNS TRANSITION (LALUZ6.SJN)

LALUZ SIX DEPARTURE (RNAV)

(LALUZ6.LALUZ) 18144

CHANDLER MUNI (CHD)
CHANDLER, ARIZONA

AL-6494 (FAA)



TAKEOFF MINIMUMS
Rwys 4L/R, 22L/R: Standard.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only. Do not file.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climb on heading 038° or as assigned by ATC. Thence. . . .

TAKEOFF RUNWAYS 22L/R: Climb on heading 218° or as assigned by ATC. Thence. . . .

. . . .expect RADAR vectors to cross ZEPER at or above 10000, then on track 308° to MAYSA, then on RRSTA TRANSITION. Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

RRSTA TRANSITION (MAYSA7.RRSTA)

(SNOBL6.SNOBL) 18144

SNOBL SIX DEPARTURE (RNAV)

AL-6494 (FAA)

CHANDLER MUNI (CHD)
CHANDLER, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE: ASSIGNED BY ATC

ATIS 128.325
GND CON 124.4
CHANDLER TOWER ★ 126.1 (Rwy 4L-22R) 133.1 (Rwy 4R-22L)
PHOENIX DEP CON 123.7 363.0

GRAND CANYON GCN

FL180 *9500 342° (26)

RIMMM

FL180 *11500 343° (10)

LOFTS

FL180 *11500 343° (36)

CARTL

FL180 *9300 343° (20)

SNOBL

14600 *8100 343° (20)

QUAKY

FL180 *10700 043° (94) YOOPR

FL180 *10700 050° (123) JARPA

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: JARPA TRANSITION ATC assigned only.
NOTE: YOOPR TRANSITION ATC assigned only.
NOTE: CARTL TRANSITION for FLG or PGA terminal arrivals only.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS

Rwys 4L/R, 22L/R: Standard.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climb heading 038° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 218° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to QUAKY, then on track 343° to SNOBL, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

CARTL TRANSITION (SNOBL6.CARTL)

GRAND CANYON TRANSITION (SNOBL6.GCN)

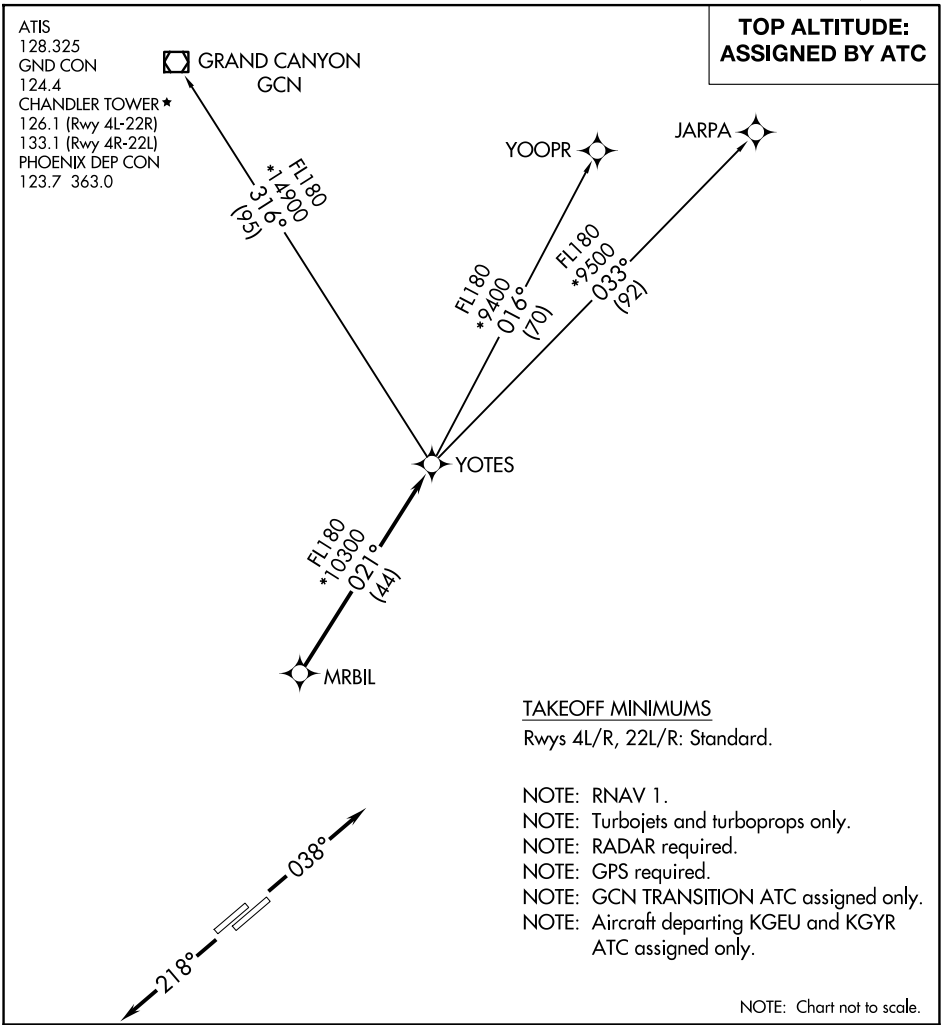
JARPA TRANSITION (SNOBL6.JARPA)

RIMMM TRANSITION (SNOBL6.RIMMM)

YOOPR TRANSITION (SNOBL6.YOOPR)

038°
218°

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climb heading 038° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 218° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to MRBIL, then on track 021° to YOTES, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

GRAND CANYON TRANSITION (YOTES6.GCN)

JARPA TRANSITION (YOTES6.JARPA)

YOOPR TRANSITION (YOTES6.YOOPR)

CHANDLER, ARIZONA | AL-6022 (FAA-O) | 26022

RNAV (GPS) RWY 35

STELLAR AIRPARK (P19)

WAAS	APP CRS	Rwy Ldg	4068
CH 83489	351°	TDZE	1178
W35A		Apt Elev	1179

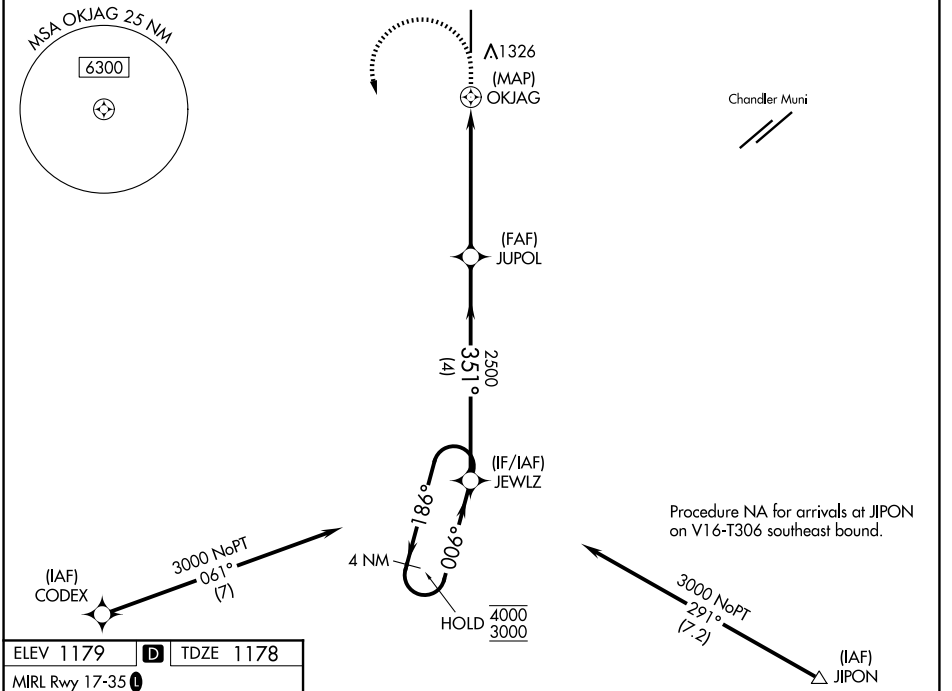
RNP APCH - GPS.

RADAR required for procedure entry at CODEX.

T A NA Use CHD altimeter setting; when not received, use PHX altimeter setting. Rwy 35 helicopter visibility reduction below 1 SM NA. Activate MIRL Rwy 17-35 and PAPI Rwy 17-35 - CTAF.

MISSED APPROACH: (Do not exceed 200K until JEWLZ) Climb to 1700 then climbing left turn to 3000 direct JEWLZ and hold.

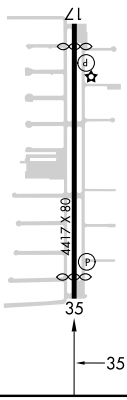
CHD ATIS	PHOENIX APP CON	UNICOM
128.325	123.7 363.0	122.975 (CTAF) L

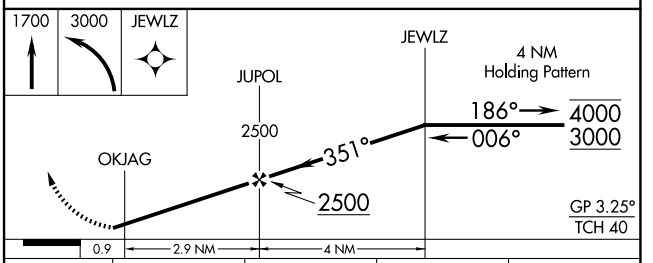


ELEV 1179 | D | TDZE 1178

MIRL Rwy 17-35 L

REIL Rwys 17 and 35 L





CATEGORY	A	B	C	D
LPV DA	1457-1 279 (300-1)			NA
LNAV MDA	1620-1 442 (500-1)		1620-1⅜ 442 (500-1⅜)	NA
CIRCLING	1760-1 581 (600-1)		1760-1½ 581 (600-1½)	NA

CHANDLER, ARIZONA

Amdt 1 22JAN26

33°18'N-111°55'W

STELLAR AIRPARK (P19)

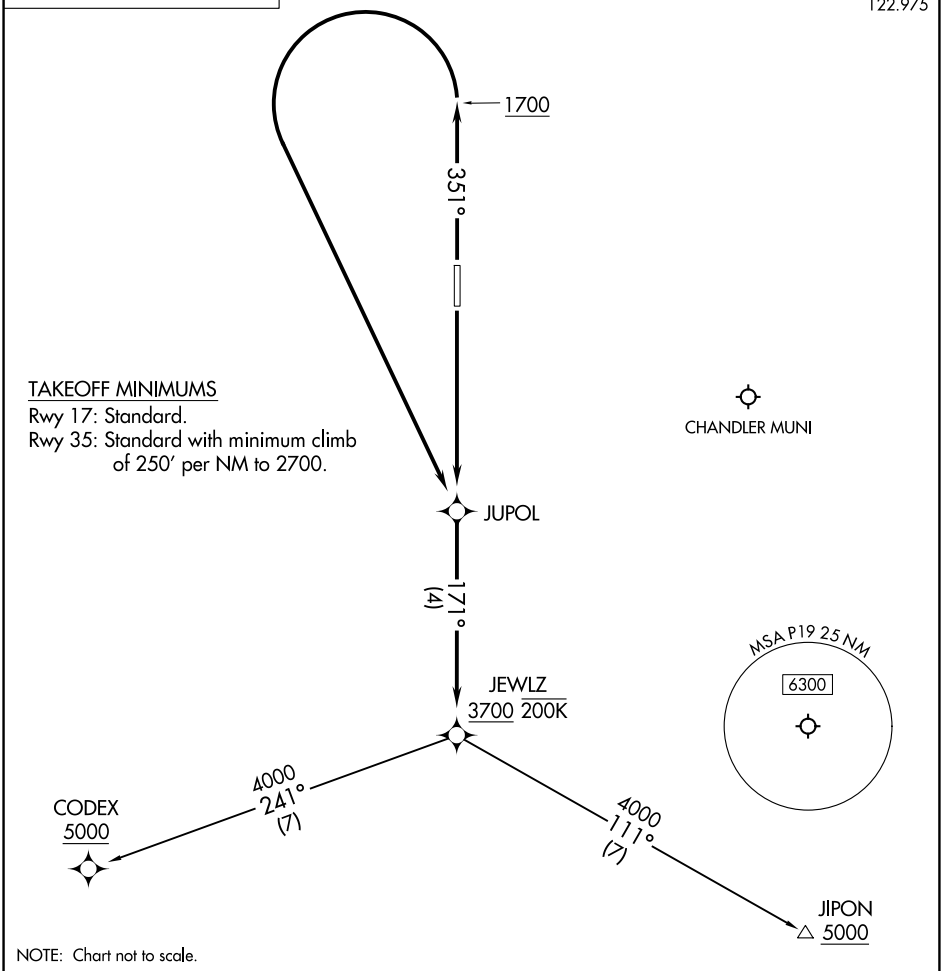
RNAV (GPS) RWY 35

SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE: AS ASSIGNED BY ATC

RNAV 1 - GPS.

PHOENIX DEP CON
123.7 363.0
CTAF
122.975



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb direct JUPOL, thence. . . .

TAKEOFF RUNWAY 35: Climb on heading 351° to 1700, then left turn direct JUPOL, thence. . . .

. . . .on track 171° to cross JEWLZ at or above 3700. Do not exceed 200K until passing JEWLZ. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CODEX TRANSITION (JEWLZ2.CODEX)

JIPON TRANSITION (JEWLZ2.JIPON)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

CLIFTON/MORENCI, ARIZONA | AL-9871 (FAA) | 26022

APP CRS	Rwy Ldg	N/A
082°	TDZE	N/A
	Apt Elev	3798

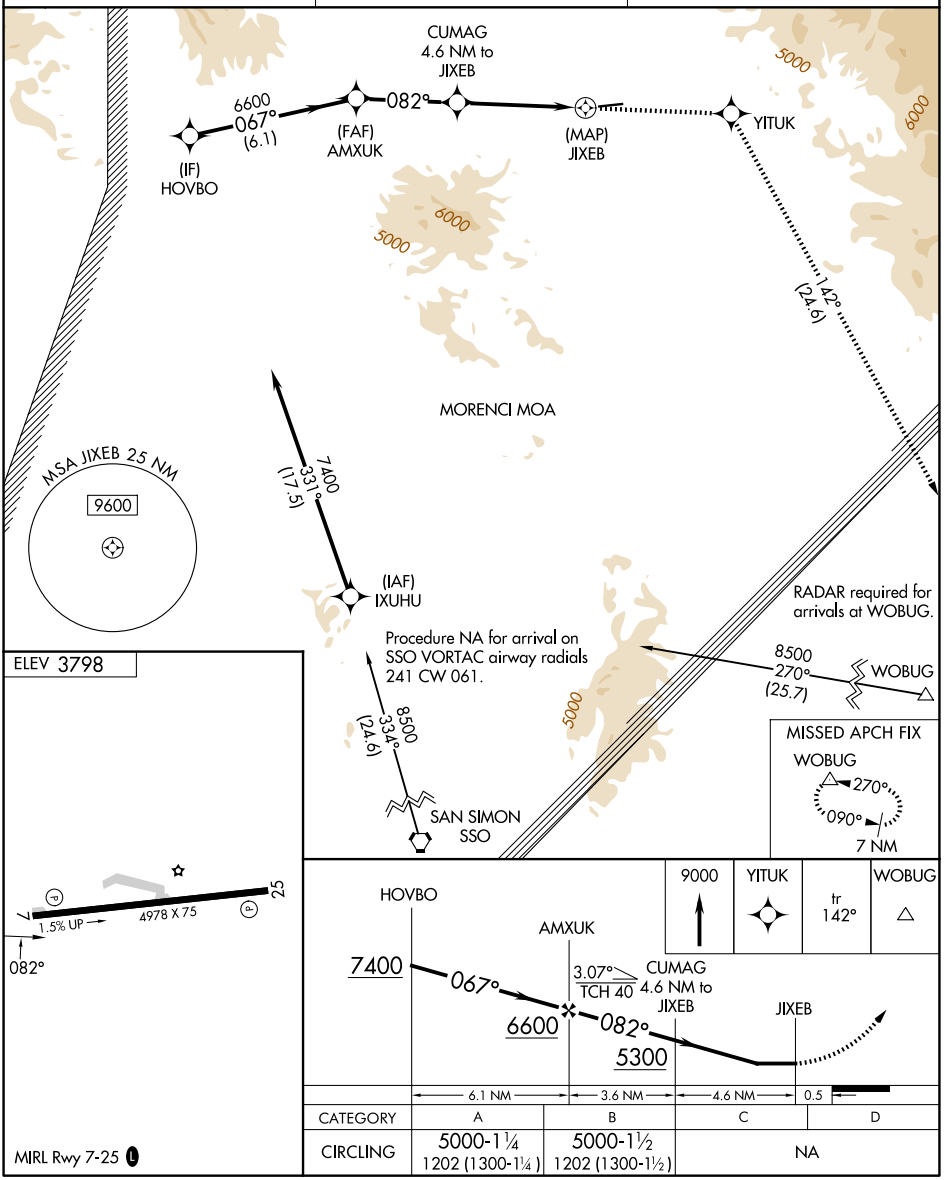
RNAV (GPS)-A

GREENLEE COUNTY (CFT)

T NA — When VGSI inop, Circling Rwy 25 NA at night. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Safford altimeter setting and increase all MDA 140 feet. Rwy 25 helicopter visibility below 1 SM NA.

MISSED APPROACH: Climb to 9000 direct YITUK and on track 142° to WOBUG and hold.

AWOS-3	ALBUQUERQUE APP CON	CTAF
119.05	134.45 327.15	122.9 L



CATEGORY	A	B	C	D
CIRCLING	5000-1¼ 1202 (1300-1¼)	5000-1½ 1202 (1300-1½)	NA	

CLIFTON/MORENCI, ARIZONA
Orig-B 03DEC20

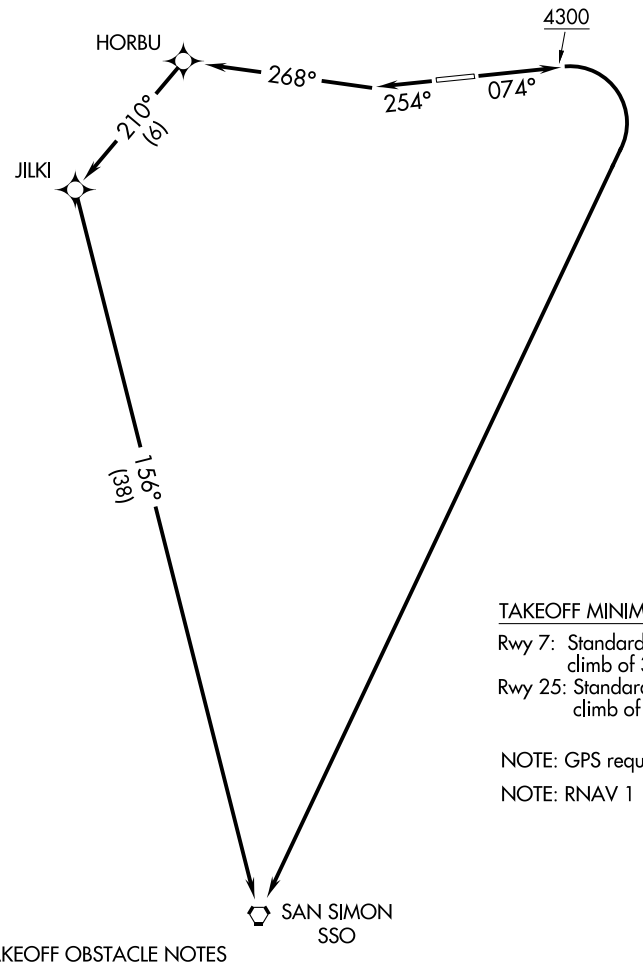
32°57'N-109°13'W

GREENLEE COUNTY (CFT)
RNAV (GPS)-A

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026



TAKEOFF MINIMUMS

Rwy 7: Standard with a minimum climb of 320′ per NM to 5100.
Rwy 25: Standard with a minimum climb of 310′ per NM to 5500.

NOTE: GPS required.

NOTE: RNAV 1

TAKEOFF OBSTACLE NOTES

Rwy 7: Multiple bushes, poles and transmission towers beginning 221′ from DER, 60′ left of centerline, up to 139′ AGL/4139′ MSL.
Rwy 25: Vehicles on road traversing northeast to southwest beginning 67′ from DER, up to 15′ AGL/3734′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb heading 074° to 4300, then climbing right turn to 8700 direct SSO VORTAC.

TAKEOFF RUNWAY 25: Climb to 8700 on heading 254° to intercept course 268° to HORBU and on track 210° to JILKI and on track 156° to SSO VORTAC.

COLORADO CITY, ARIZONA AL-9194 (FAA) 26134

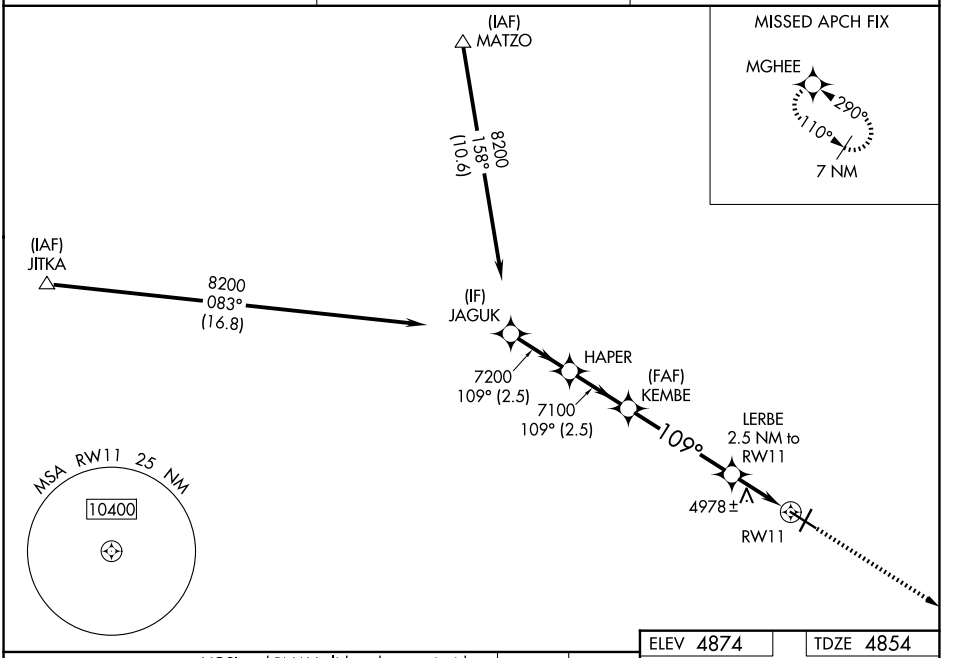
WAAS	APP CRS	Rwy Ldg	6300
CH 86440	109°	TDZE	4854
W11A		Apt Elev	4874

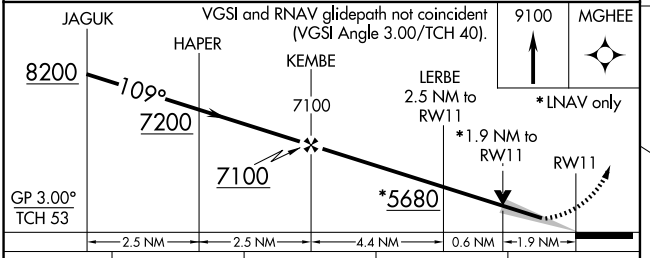
RNAV (GPS) RWY 11
COLORADO CITY MUNI (AZC)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C (-11°F) or above 51°C (125°F). Circling NA for Cat D north of Rwy 11-29. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 9100 direct MGHEE and hold, continue climb-in-hold to 9100.
#Missed approach requires minimum climb of 240 feet per NM to 7500.

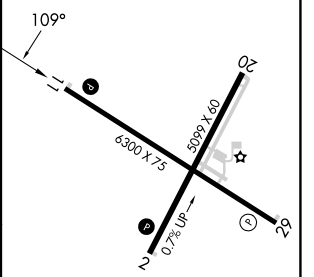
AWOS-3PT	LOS ANGELES CENTER	UNICOM
118.375	124.2 343.6	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA#	5104-1 250 (300-1)			
LPV DA	5297-1½ 443 (500-1½)			
LNAV/VNAV DA	5463-2½ 609 (600-2½)			
LNAV MDA	5500-1 646 (700-1)		5500-1⅞ 646 (700-1⅞)	
CIRCLING	5500-1 626 (700-1)	5520-1 646 (700-1)	6880-3 2006 (2100-3)	

ELEV 4874 TDZE 4854



REIL Rwy 11 L
REIL Rwy 29
MIRL Rwys 11-29 and 2-20 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH 72740 W29A	APP CRS 290°	Rwy Ldg 6300 TDZE 4855 Apt Elev 4874

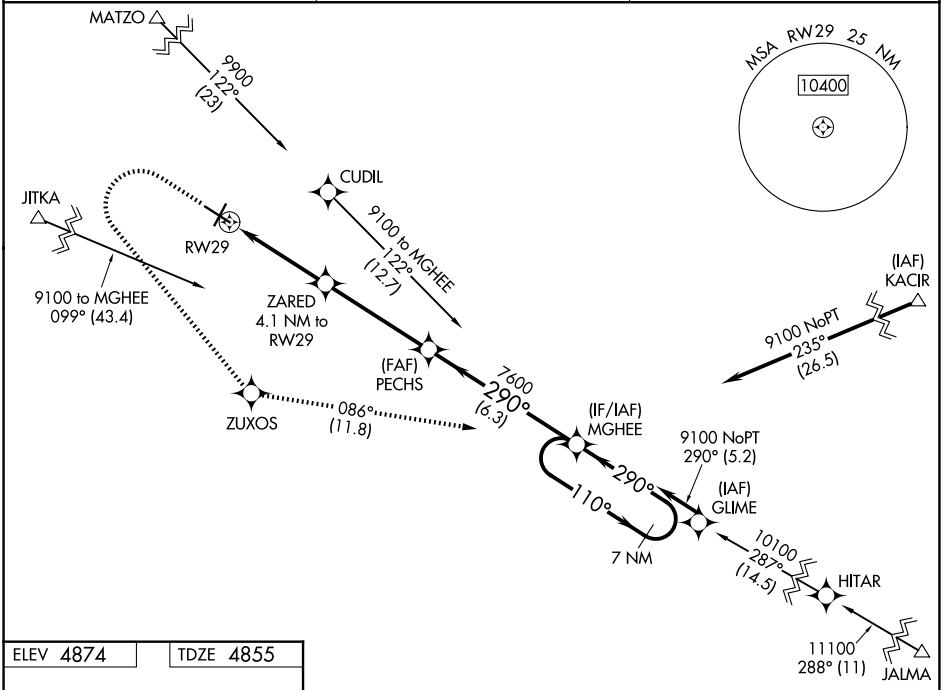
RNAV (GPS) RWY 29
COLORADO CITY MUNI (AZC)

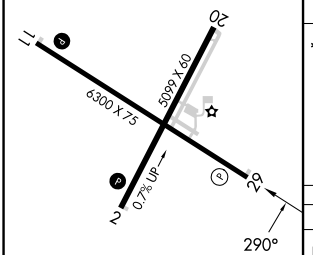
RNP APCH.

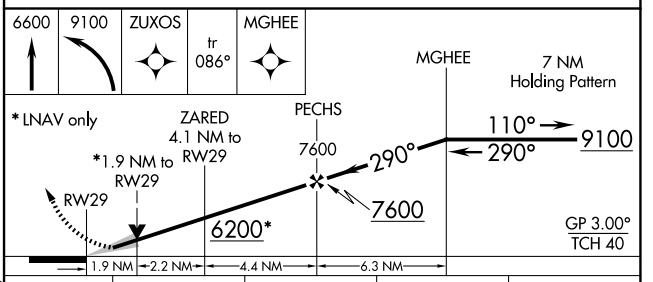
Baro-VNAV NA. Circling NA for Cat D north of Rwy 11-29.

MISSED APPROACH: Climb to 6600 then climbing left turn to 9100 direct ZUXOS and track 086° to MGHEE and hold.

AWOS-3PT	LOS ANGELES CENTER	UNICOM
118.375	124.2 343.6	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	5105-1 250 (300-1)			
LNAV/VNAV DA	5157-1 302 (300-1)			
LNAV MDA	5500-1 645 (700-1)		5500-1⅞ 645 (700-1⅞)	
CIRCLING	5500-1 626 (700-1)	5520-1 646 (700-1)	6880-3 2006 (2100-3)	

REIL Rwy 11 L
REIL Rwy 29
MIRL Rwys 11-29 and 2-20 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(NORRA1.NORRA) 24025 AL-9194 (FAA)

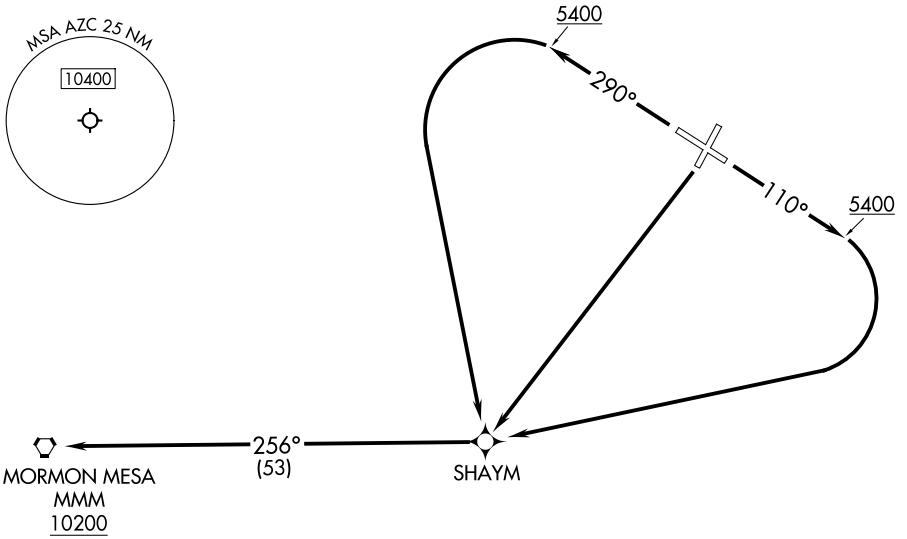
NORRA ONE DEPARTURE (OBSTACLE) (RNAV)

COLORADO CITY MUNI (AZC)
COLORADO CITY, ARIZONA

RNAV 1 - GPS.

LOS ANGELES CENTER
124.2 343.6
AWOS-3PT
118.375
CTAF
122.7

TAKEOFF MINIMUMS
Rwy 2: NA - Obstacles.
Rwy 11: Standard.
Rwy 20: Standard with minimum climb of 240′ per NM to 5600.
Rwy 29: Standard with minimum climb of 210′ per NM to 5900.



TAKEOFF OBSTACLE NOTES
Rwy 11: Vegetation, trees beginning 16′ from DER, 213′ left of centerline, up to 4861′ MSL.
Rwy 20: Tree 27′ from DER, 275′ left of centerline, 4843′ MSL.
Vegetation 45′ from DER, 26′ right of centerline, 4843′ MSL.
Vehicles on road beginning 67′ from DER, 389′ left of centerline, up to 4853′ MSL.
Tree 1.8 NM from DER, 2971′ right of centerline, 5118′ MSL.
Rwy 29: Sign, tree beginning 15′ from DER, 123′ right of centerline, up to 5′ AGL/4850′ MSL.
Vegetation 60′ from DER, 46′ left of centerline, 4849′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: NA - Obstacles.

TAKEOFF RUNWAY 11: Climb on heading 110° to 5400, then right turn direct SHAYM, thence. . . .

TAKEOFF RUNWAY 20: Climb direct SHAYM, thence. . . .

TAKEOFF RUNWAY 29: Climb on heading 290° to 5400, then left turn direct SHAYM, thence. . . .

. . . .on track 256° to MMM VORTAC. Cross MMM VORTAC at or above 10200 before proceeding on course.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 23

COOLIDGE MUNI (PØ8)

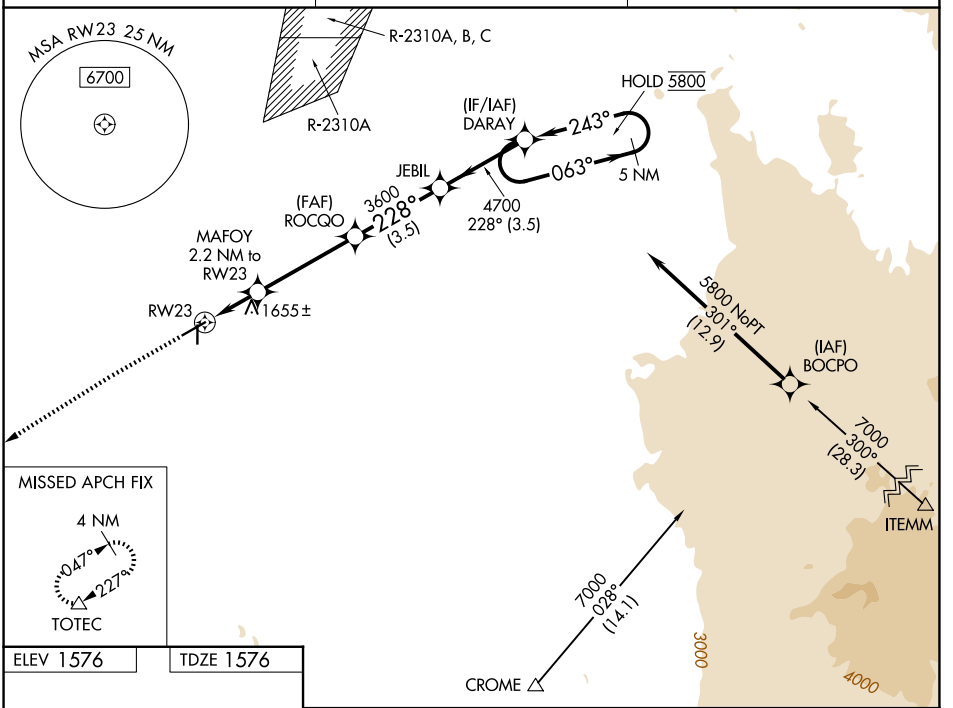
WAAS CH 78044 W23A	APP CRS 228°	Rwy Ldg 5564 TDZE 1576 Apt Elev 1576

RNP APCH-GPS.

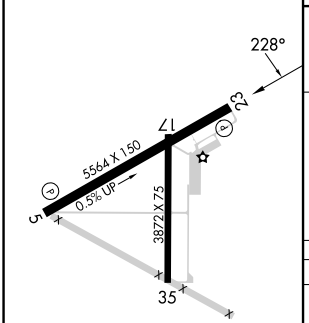
Circling Rwy 17, 35 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.

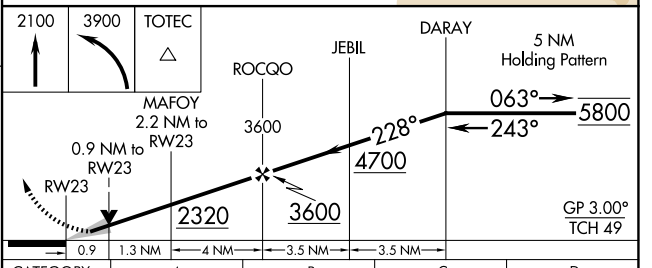
MISSED APPROACH: Climb to 2100 then climbing left turn to 3900 direct TOTEC and hold.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
119.35	125.4 269.3	123.075 (CTAF) L



ELEV 1576	TDZE 1576





CATEGORY	A	B	C	D
LPV DA	1826-¾	250 (300-¾)	NA	
LNAV/VNAV DA	1826-¾	250 (300-¾)	NA	
LNAV MDA	1920-1	344 (400-1)	NA	
CIRCLING	2100-1	524 (600-1)	NA	

REIL Rwys 5 and 23

MIRL Rwys 5-23 and 17-35 L

SW-4, 03 SEP 2026 to 29 OCT 2026

COOLIDGE, ARIZONA AL-9213 (FAA) 26134

VORTAC TFD	APP CRS	Rwy Ldg 5564
114.8	071°	TDZE 1564
Chan 95		Apt Elev 1576

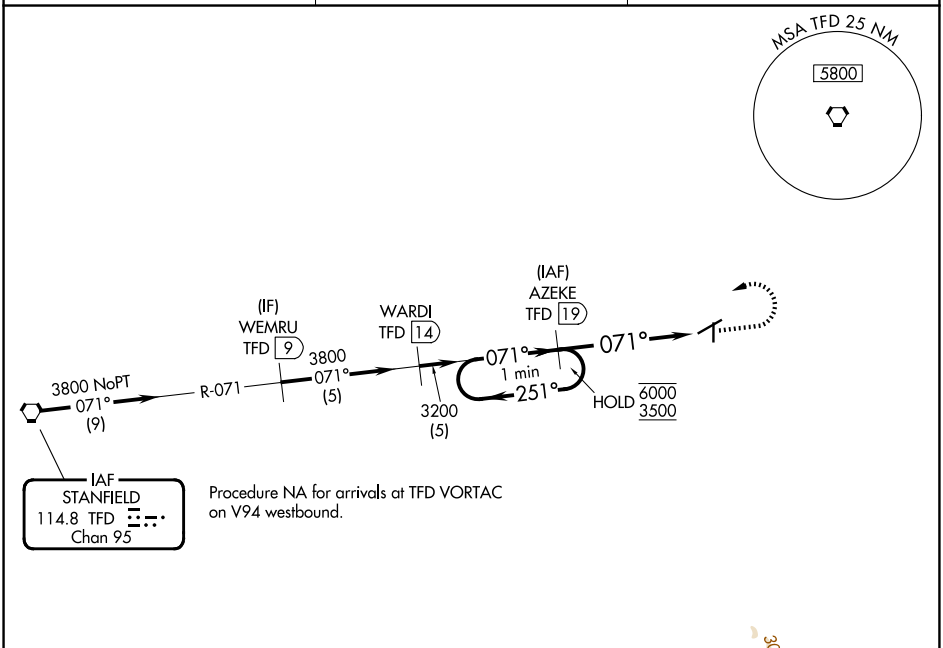
VOR RWY 5
COOLIDGE MUNI (P08)

DME required.

Circling Rwy 17-35 NA at night.

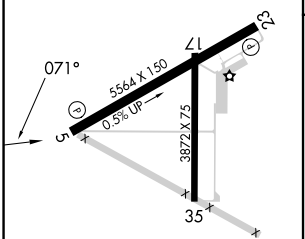
MISSED APPROACH: Climb to 2300 then climbing left turn to 3500 on TFD VORTAC R-071 to AZEKE/19 DME and hold.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
119.350	125.4 269.3	123.075 (CTAF) L



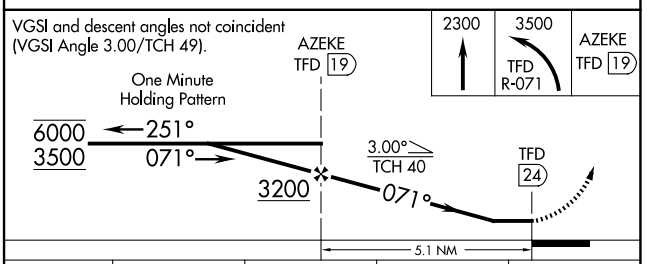
Procedure NA for arrivals at TFD VORTAC on V94 westbound.

ELEV 1576 TDZE 1564



REIL Rwys 5 and 23
MIRL Rwys 5-23 and 17-35 L

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 49).



CATEGORY	A	B	C	D
S-5	2200-1	636 (700-1)	NA	
CIRCLING	2200-1	624 (700-1)	NA	

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

COOLIDGE, ARIZONA
Amdt 1A 27JAN22

32°56′N-111°26′W

COOLIDGE MUNI (P08)
VOR RWY 5

RNAV (GPS) RWY 32

COTTONWOOD (P52)

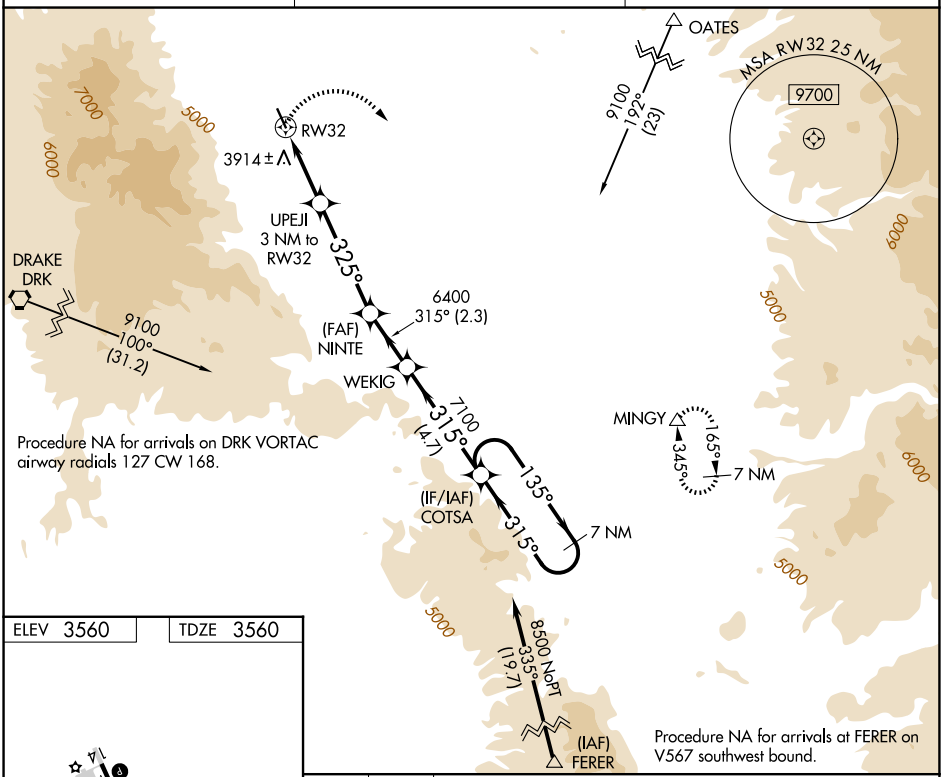
APP CRS		
325°	Rwy Ldg	4250
	TDZE	3560
	Apt Elev	3560

T NA

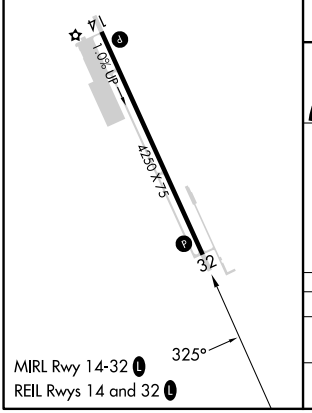
Circling NA southwest of Rwy 14-32. DME/DME RNP-0.3 NA. Procedure NA at night. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Sedona altimeter setting and increase all MDA 200 feet, increase LNAV and Circling Cat A/B visibility ¼ mile, LNAV Cat C visibility ½ mile, Circling Cat C visibility ¾ mile.

MISSED APPROACH: Climbing right turn to 10000 direct MINGY and hold, continue climb-in-hold to 10000.

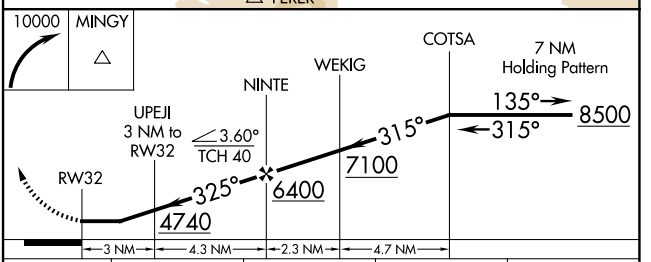
AWOS-3	PHOENIX APP CON	UNICOM
119.925	126.375 236.775	122.7 (CTAF) L



ELEV 3560 TDZE 3560



MIRL Rwy 14-32 L
REIL Rwys 14 and 32 L



CATEGORY	A	B	C	D
LNAV MDA	4260-1	700 (700-1)	4260-2 700 (700-2)	NA
CIRCLING	4260-1	700 (700-1)	4260-2 700 (700-2)	NA

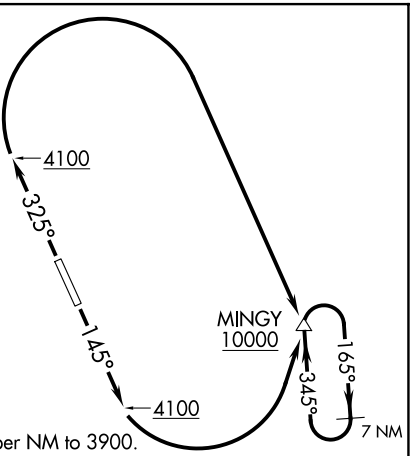
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(MINGY1.MINGY) 23054 AL-9872 (FAA)

MINGY ONE DEPARTURE (OBSTACLE) (RNAV)

COTTONWOOD (P52)
COTTONWOOD, ARIZONA

PHOENIX DEP CON
126.375 236.775
AWOS-3
119.925
CTAF
122.7



NOTE: RNAV-1.
NOTE: GPS required.

TAKEOFF MINIMUMS

Rwy 14: 300-1½ or standard with minimum climb of 225′ per NM to 3900.
Rwy 32: Standard with minimum climb of 310′ per NM to 6000.

TAKEOFF OBSTACLE NOTES

Rwy 14: Utility 11′ from DER, 113′ left of centerline, 5′ AGL/3563′ MSL.
Vehicles on road beginning 14′ from DER, left to right of centerline, up to 15′ AGL/3588′ MSL.
Tree 157′ from DER, 82′ right of centerline, 11′ AGL/3572′ MSL.
Trees beginning 172′ from DER, 80′ right of centerline, up to 17′ AGL/3588′ MSL.
Trees and building beginning 184′ from DER, 138′ left of centerline, up to 32′ AGL/3581′ MSL.
Trees beginning 272′ from DER, 81′ right of centerline, up to 12′ AGL/3592′ MSL.
Buildings beginning 377′ from DER, 287′ left of centerline, up to 32′ AGL/3578′ MSL.
Trees beginning 403′ from DER, 73′ right of centerline, up to 23′ AGL/3596′ MSL.
Trees and fences beginning 538′ from DER, 150′ right of centerline, up to 20′ AGL/3600′ MSL.
Trees, buildings and tank beginning 995′ from DER, 307′ right of centerline, up to 20′ AGL/3618′ MSL.
Trees and buildings beginning 1277′ from DER, 6′ right of centerline, up to 54′ AGL/3631′ MSL.
Tree 1791′ from DER, 105′ left of centerline, 42′ AGL/3605′ MSL.
Trees beginning 1807′ from DER, 8′ right of centerline, up to 59′ AGL/3638′ MSL.
Trees beginning 2636′ from DER, 689′ right of centerline, up to 65′ AGL/3645′ MSL.
Trees beginning 3296′ from DER, 1298′ right of centerline, up to 75′ AGL/3770′ MSL.
Tree 1.3 NM from DER, 2071′ right of centerline, 39′ AGL/3759′ MSL.
Rwy 32: Utility box 10′ from DER, 75′ right of centerline, 4′ AGL/3522′ MSL.
Buildings and fence beginning 37′ from DER, 167′ left of centerline, up to 17′ AGL/3543′ MSL.
Tree 54′ from DER, 501′ right of centerline, 39′ AGL/3544′ MSL.
Trees, pole and building beginning 74′ from DER, 253′ right of centerline, up to 46′ AGL/3551′ MSL.
Tower, poles, trees, fences and vehicles on road beginning 128′ from DER, 168′ left of centerline, up to 67′ AGL/3597′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb heading 145° to 4100, then climbing left turn direct MINGY, thence . . .
TAKEOFF RUNWAY 32: Climb heading 325° to 4100, then climbing right turn direct MINGY, thence . . .
. . . continue climb in MINGY holding pattern to cross MINGY at or above 10000 before proceeding on course.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, ARIZONA

ILS Y or LOC Y RWY 13

LOC I-AFB	APCH CRS	Rwy Idg / TDZE / Arpt Elev
109.3	128°	13,645 / 2615 / 2704

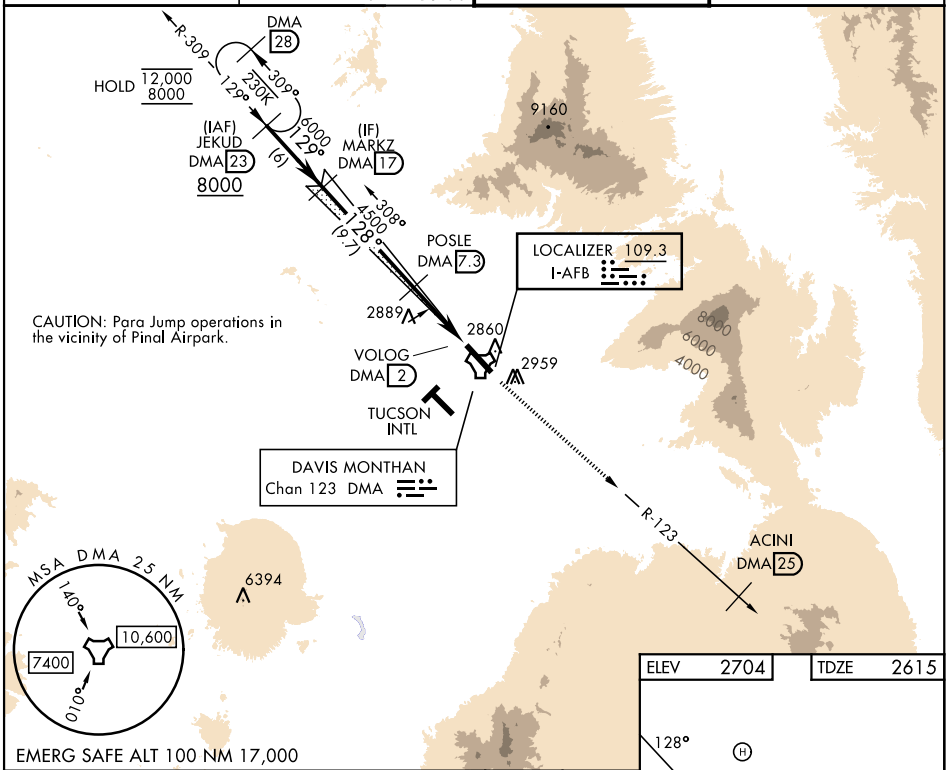
[USAF] DAVIS-MONTHAN AFB (KDMA)

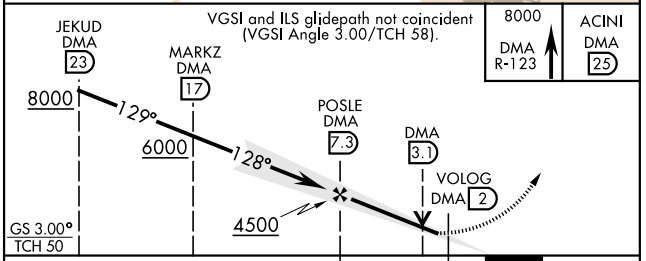
DME or RADAR required

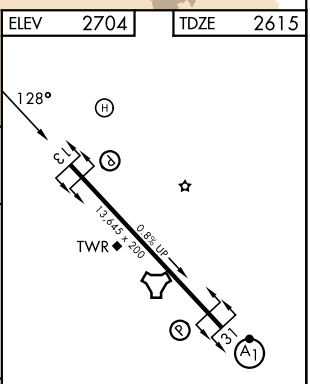
* Circling not authorized SW of Rwy 13-31.

MISSED APPROACH: Climbing to 8000 intercept DMA TACAN R-123 to ACINI. Expect RADAR vectors.

ATIS *	TUCSON APP CON	TOWER	GND CON
132.3 270.1	066°-274° 119.4 318.1 275°-065° 125.1 269.55	118.85 253.5	121.8 275.8







CATEGORY	A	B	C	D	E
S-ILS 13	2815/40 200 (200-¾)				
S-LOC 13	3160/55 545 (500-1)		3160-1⅝ 545 (500-1⅝)		
CIRCLING *	3200-1 496 (500-1)	3220-1 516 (600-1)	3260-1⅝ 556 (600-1⅝)	3420-2¼ 716 (800-2¼)	3460-2¾ 756(800-2¾)

HIRL Rwy 13-31
REIL Rwy 13

FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, ARIZONA

ILS Y or LOC Y RWY 31

LOC I-DMA	APCH CRS	Rwy Idg / TDZE / Arpt Elev
109.3	308°	13,645 / 2704 / 2704

[USAF] DAVIS-MONTHAN AFB (KDMA)

DME or RADAR required

▼ * When ALS inop, increase RVR to 40, vis to ¾ mile.

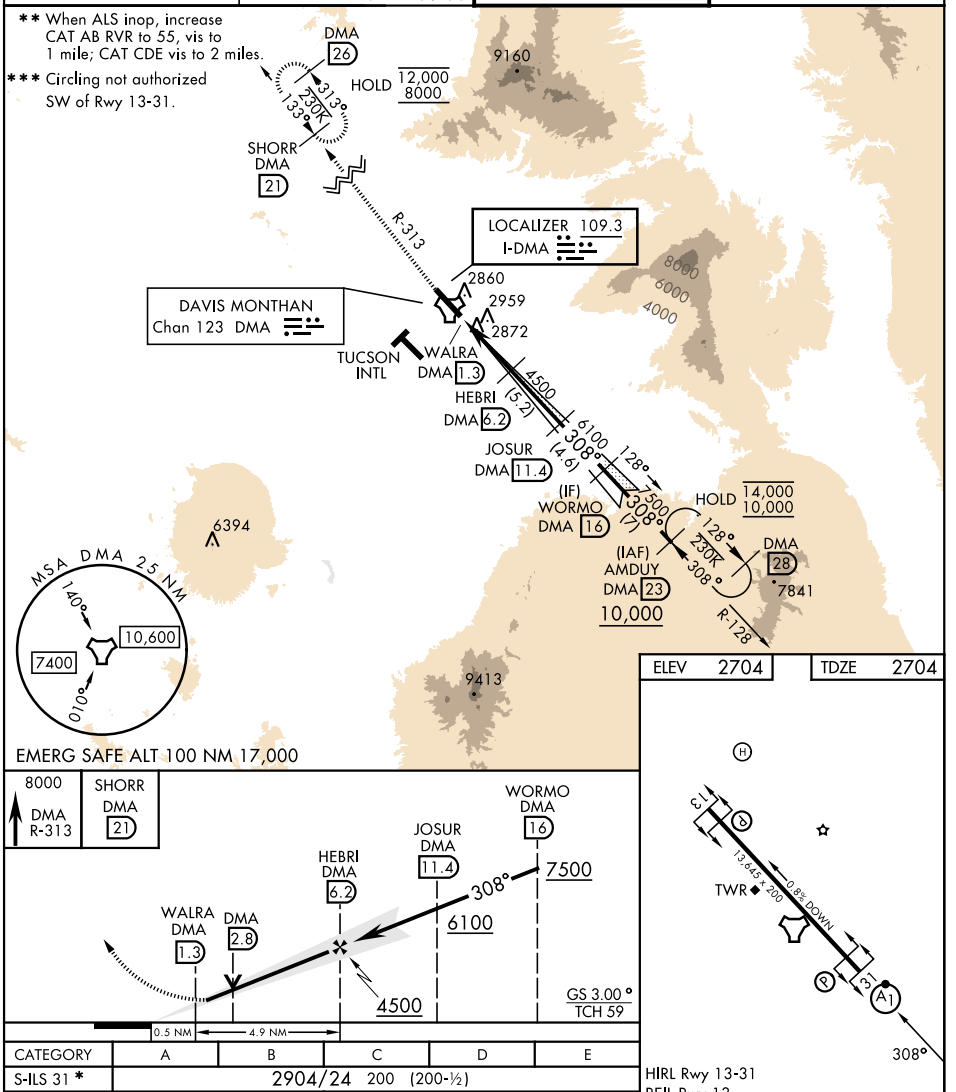
ALSF-1 (A1)

MISSED APPROACH: Climb to 8000, intercept DMA TACAN R-313 to SHORR and hold, continue climb-in-hold to 8000.

ATIS ★	TUCSON APP CON	TOWER	GND CON
132.3 270.1	066°-274° 119.4 318.1 275°-065° 125.1 269.55	118.85 253.5	121.8 275.8

** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE vis to 2 miles.

*** Circling not authorized SW of Rwy 13-31.



CATEGORY	A	B	C	D	E
S-ILS 31 *	2904/24 200 (200-½)				
S-LOC 31**	3400/24 696 (700-½)		3400-1½ 696 (700-1½)		
CIRCLING***	3400-1 696 (700-1)		3400-2 696 (700-2)	3420-2¼ 716 (800-2¼)	3460-2¾ 756(800-2¾)

HIRL Rwy 13-31
REIL Rwy 13

FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

TUCSON, ARIZONA 32°10'N-110°53'W DAVIS-MONTHAN AFB (KDMA)

Amdt 1 11JUN26

ILS Y or LOC Y RWY 31

SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, ARIZONA

RNAV (GPS) RWY 13

WAAS	APCH CRS	Rwy ldg	13,645
CH 66933	128°	TDZE	2615
W13A		Arpt Elev	2704

(USAF) DAVIS MONTHAN AFB (KDMA)

RNP APCH-GPS

RADAR required

* Circling not authorized SW of RWY 13-31.

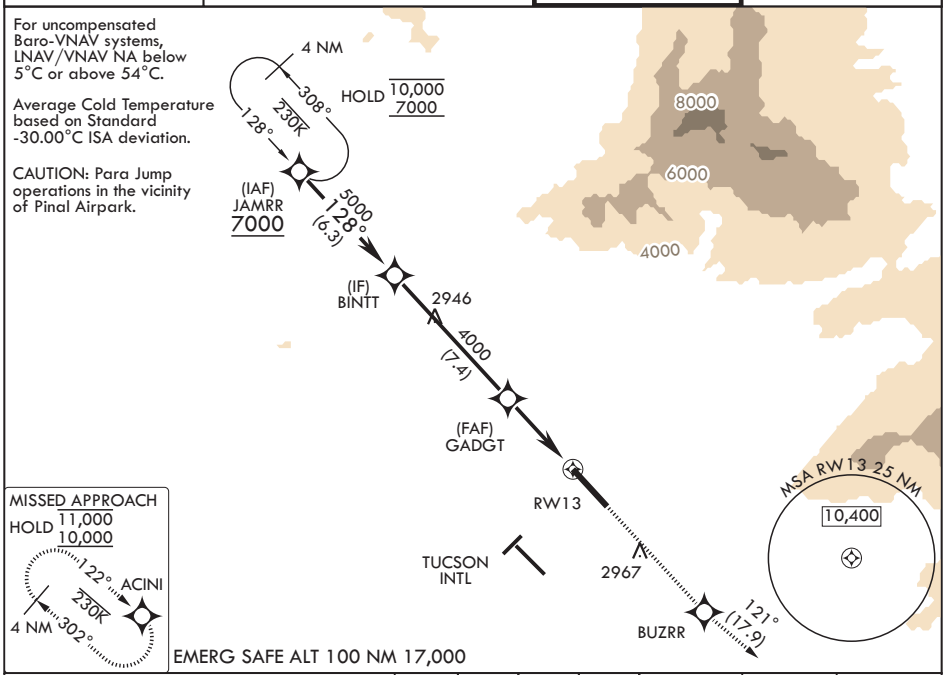
MISSED APPROACH: Climb to 10,000 direct BUZRR, track 121° to ACINI and hold, continue climb-in-hold to 10,000.

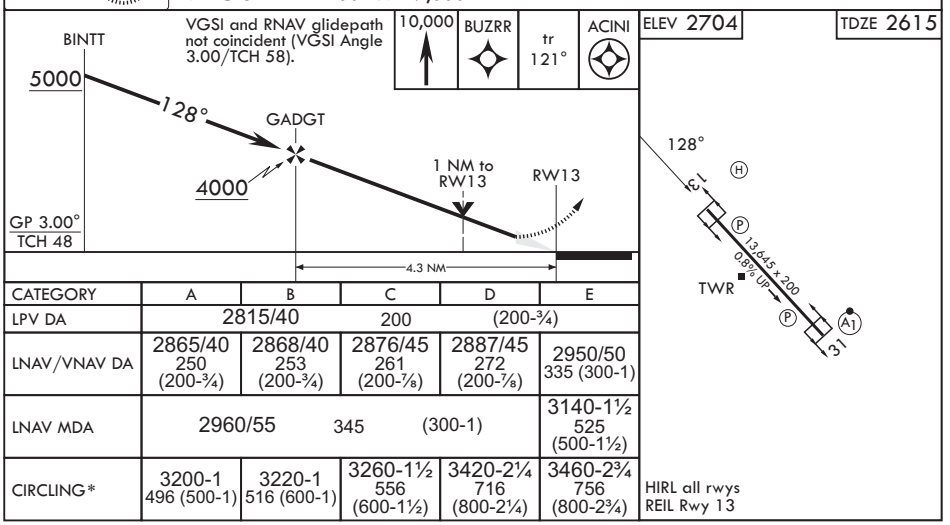
ATIS★	TUCSON APP CON/DEP CON	TOWER	GND CON
132.3 270.1	119.4 269.55	118.85 253.5	121.8 275.8

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 5°C or above 54°C.

Average Cold Temperature based on Standard -30.00°C ISA deviation.

CAUTION: Para Jump operations in the vicinity of Pinal Airpark.





CATEGORY	A	B	C	D	E
LPV DA	2815/40		200	(200-¾)	
LNAV/VNAV DA	2865/40 250 (200-¾)	2868/40 253 (200-¾)	2876/45 261 (200-⅞)	2887/45 272 (200-⅞)	2950/50 335 (300-1)
LNAV MDA	2960/55		345	(300-1)	3140-1½ 525 (500-1½)
CIRCLING*	3200-1 496 (500-1)	3220-1 516 (600-1)	3260-1½ 556 (600-1½)	3420-2¼ 716 (800-2¼)	3460-2¾ 756 (800-2¾)

HIRL all rwys
REIL Rwy 13

TUCSON, ARIZONA

Amdt 1 11JUN26

32°10'N - 110°53'W

DAVIS MONTHAN AFB (KDMA)

RNAV (GPS) RWY 13

SW-4, 03 SEP 2026 to 29 OCT 2026

26190

TUCSON, ARIZONA

RNAV (GPS) RWY 31

WAAS	APCH CRS	Rwy ldg	13,645
CH 71267	308°	TDZE	2704
W31A		Arpt Elev	2704

(USAF)

DAVIS MONTHAN AFB (KDMA)

RNP APCH-GPS

* When ALS inop, increase vis to 1 3/8 miles.
** When ALS inop, increase RVR to 45, vis to 7/8 mile.
*** When ALS inop, increase CAT A RVR to 55, vis to 1 mile; CAT B vis to 1 1/4 miles; CAT CDE vis to 2 1/2 miles.

ALSF-1

MISSED APPROACH: Climb to 8000 direct JAMRR and hold, continue climb-in-hold to 8000.

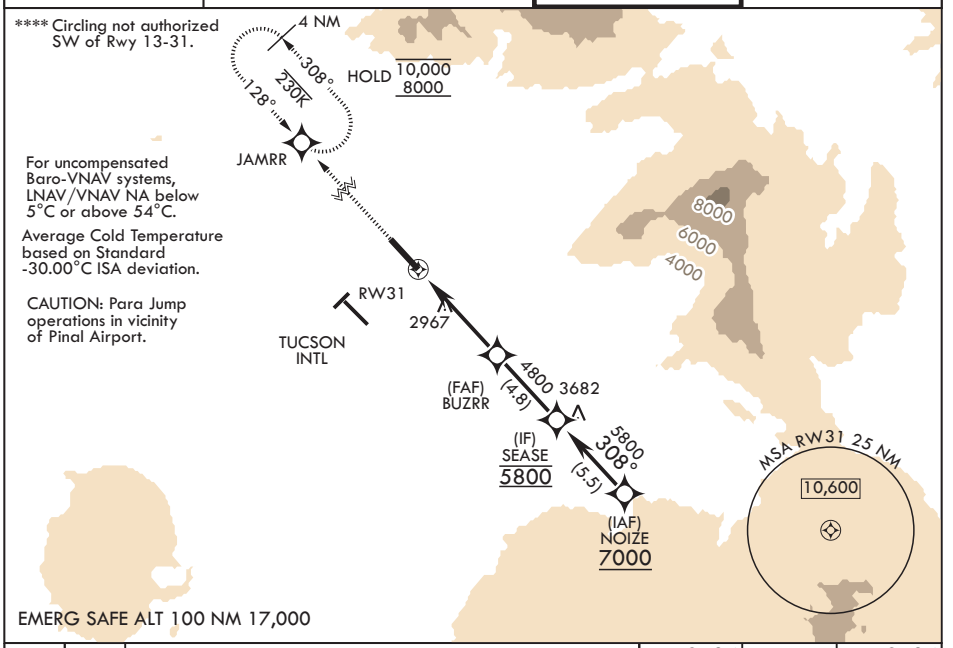
ATIS★	TUCSON APP CON/DEP CON	TOWER	GND CON
132.3 270.1	119.4 269.55	118.85 253.5	121.8 275.8

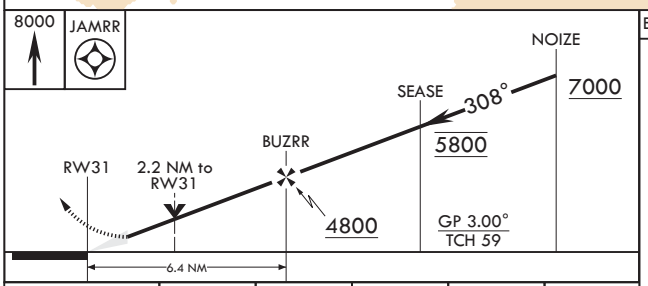
**** Circling not authorized SW of Rwy 13-31.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 5°C or above 54°C.

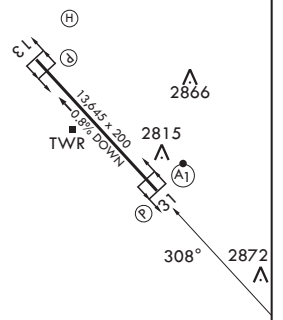
Average Cold Temperature based on Standard -30.00°C ISA deviation.

CAUTION: Para Jump operations in vicinity of Pinal Airport.





ELEV 2704 TDZE 2704



CATEGORY	A	B	C	D	E
LPV DA*	3168/50		464	(500-1)	
LNAV/VNAV DA**	2966/24 262 (300-½)	2977/24 273 (300-½)	2985/24 281 (300-½)	2996/24 292 (300-½)	
LNAV MDA***	3480/24 776 (800-½)	3480/40 776 (800-¾)	3480-1¾ 776 (800-1¾)		
CIRCLING****	3480-1 776 (800-1)	3480-1¼ 776 (800-1¼)	3480-2½ 776 (800-2½)		3480-2¾ 776 (800-2¾)

HIRL all rwys
REIL Rwy 13

TUCSON, ARIZONA

Orig 09JUL26

32°10'N - 110°53'W

DAVIS MONTHAN AFB (KDMA)

RNAV (GPS) RWY 31

SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, ARIZONA

TACAN Y RWY 13

TACAN	APCH CRS	Rwy Idg	13,645
Chan 123 DMA	133°	TDZE	2615
		Arpt Elev	2704

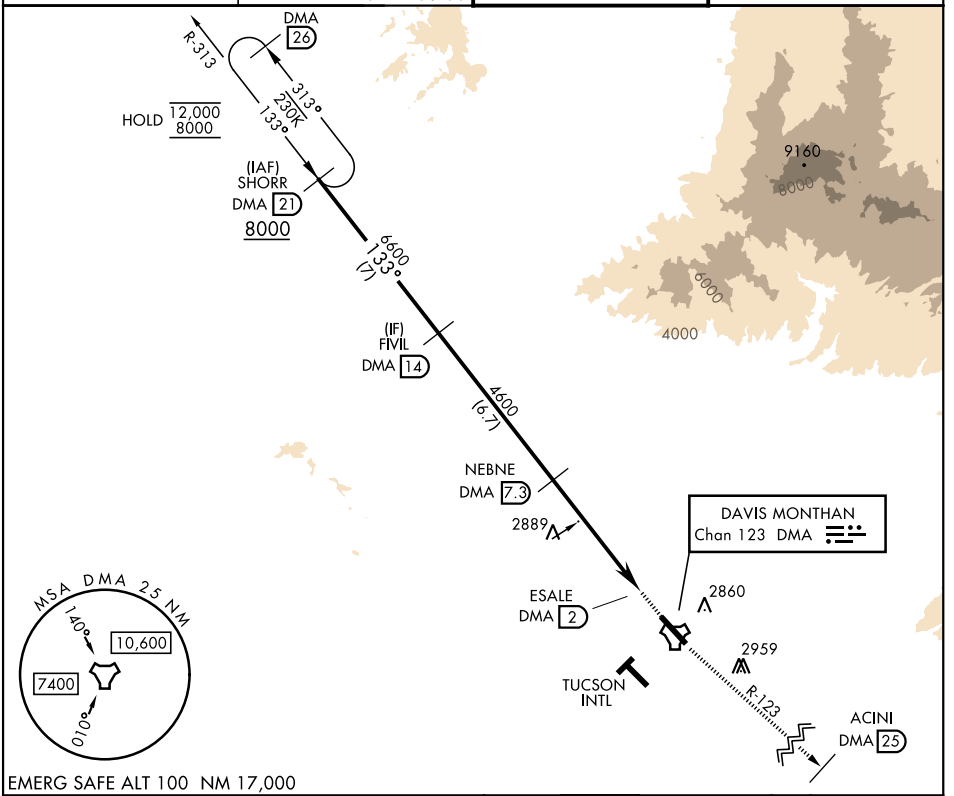
[USAF] DAVIS-MONTHAN AFB (KDMA)

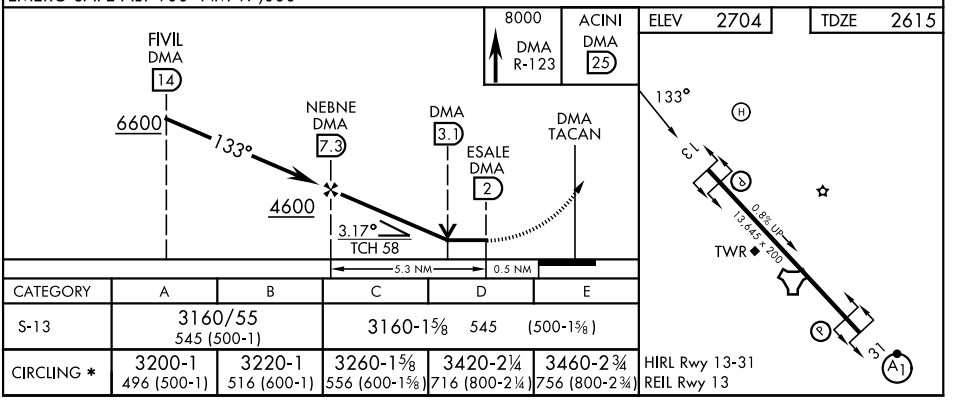
RNAV or RADAR required.

* Circling not authorized SW of Rwy 13-31.

MISSED APPROACH: Climb to 8000 intercept DMA TACAN R-123 to ACINI. Expect RADAR vectors.

ATIS *	TUCSON APP CON	TOWER	GND CON
132.3 270.1	066°-274° 119.4 318.1 275°-065° 125.1 269.55	118.85 253.5	121.8 275.8





CATEGORY	A	B	C	D	E
S-13	3160/55 545 (500-1)		3160-1⅝ 545 (500-1⅝)		
CIRCLING *	3200-1 496 (500-1)	3220-1 516 (600-1)	3260-1⅝ 556 (600-1⅝)	3420-2¼ 716 (800-2¼)	3460-2¾ 756 (800-2¾)

HIRL Rwy 13-31
REIL Rwy 13

TUCSON, ARIZONA 32°10'N-110°53'W DAVIS-MONTHAN AFB (KDMA)

Amdt 1 11JUN26

TACAN Y RWY 13

SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, ARIZONA

TACAN Y RWY 31

TACAN	DMA	APCH CRS	Rwy ldg	13,645
Chan	123	302°	TDZE	2704
			Arpt Elev	2704

[USAF]

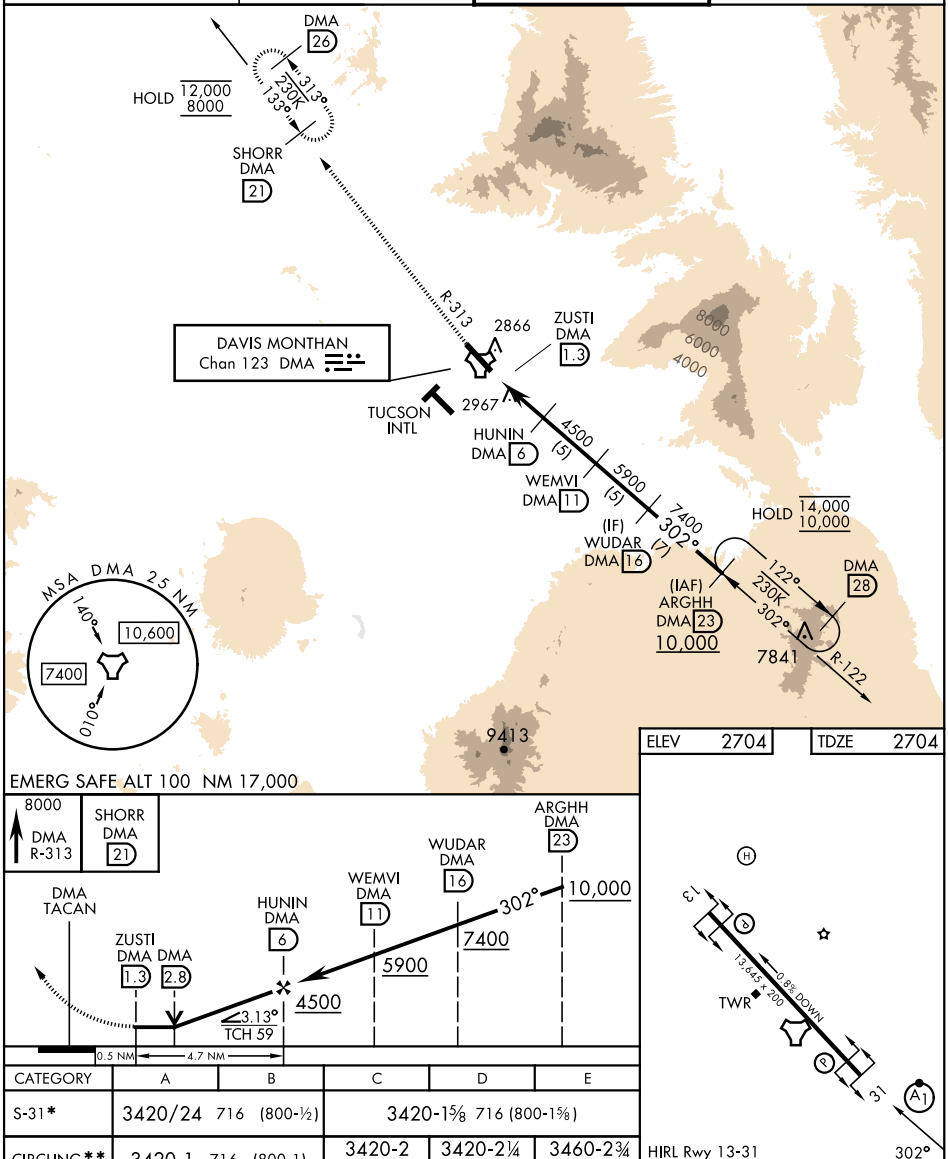
DAVIS-MONTHAN AFB (KDMA)

* When ALS inop, increase CAT AB RVR to 55 vis to 1 mile; CAT CDE vis to 2 miles.
** Circling not authorized SW of Rwy 13-31.

ALSF-1

MISSED APPROACH: Climb to 8000, intercept DMA TACAN R-313 to SHORR and hold, continue climb-in-hold to 8000.

ATIS ★	TUCSON APP CON	TOWER	GND CON
132.3 270.1	066°-274° 119.4 318.1 275°-065° 125.1 269.55	118.85 253.5	121.8 275.8



CATEGORY	A	B	C	D	E
S-31*	3420/24 716 (800-½)		3420-1⅝ 716 (800-1⅝)		
CIRCLING**	3420-1 716 (800-1)		3420-2 716 (800-2)	3420-2¼ 716 (800-2¼)	3460-2¾ 756 (800-2¾)

TUCSON, ARIZONA

32°10'N-110°53'W

DAVIS-MONTHAN AFB (KDMA)

Orig 11JUN26

TACAN Y RWY 31

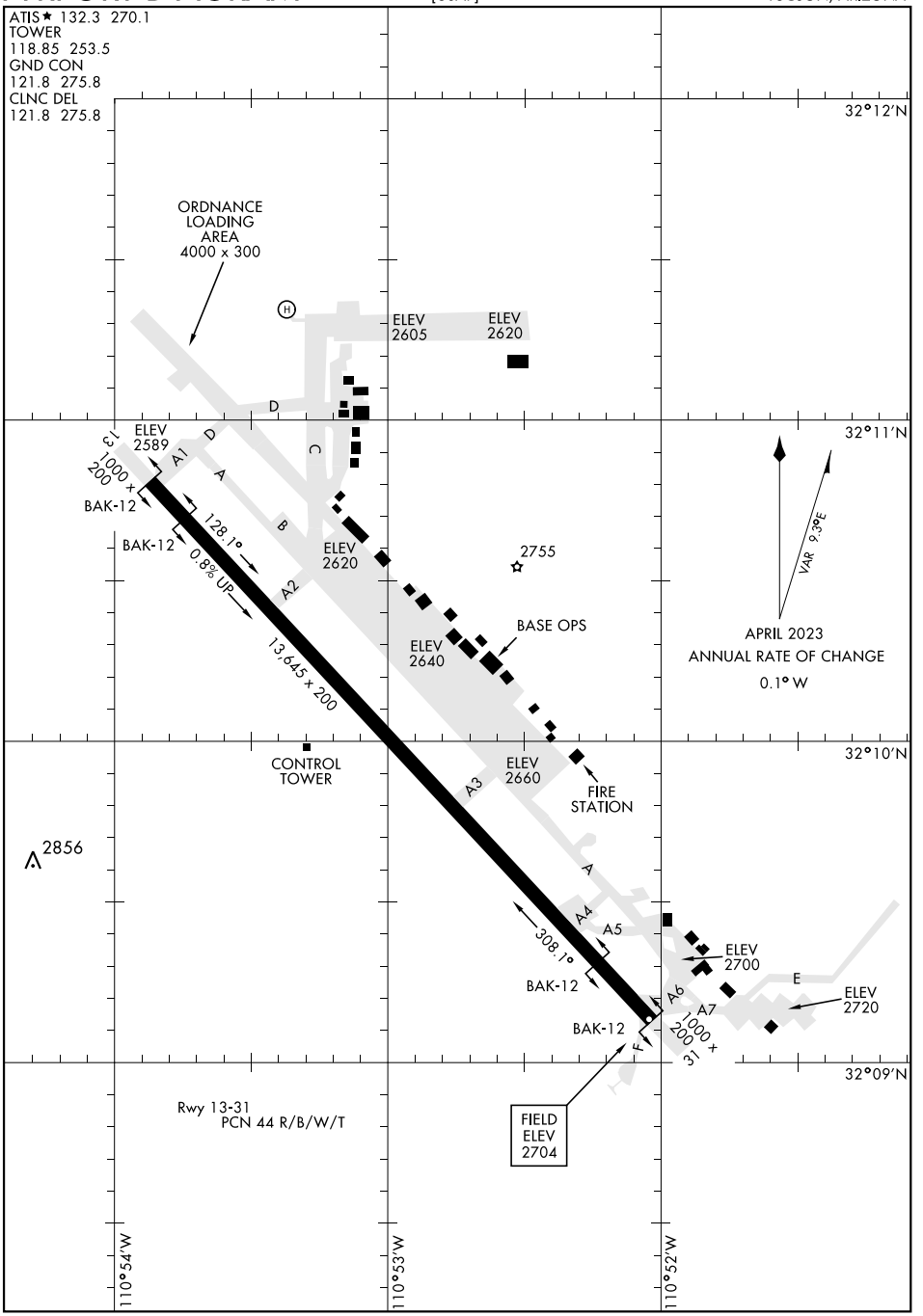
SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

DAVIS-MONTHAN AFB (KDMA)

[USAF]

TUCSON, ARIZONA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

TUCSON, ARIZONA

DAVIS-MONTHAN AFB (KDMA)

26162

DAVIS-MONTHAN AFB (KDMA)

BBALL TWO DEPARTURE (BBALL2.BBALL)

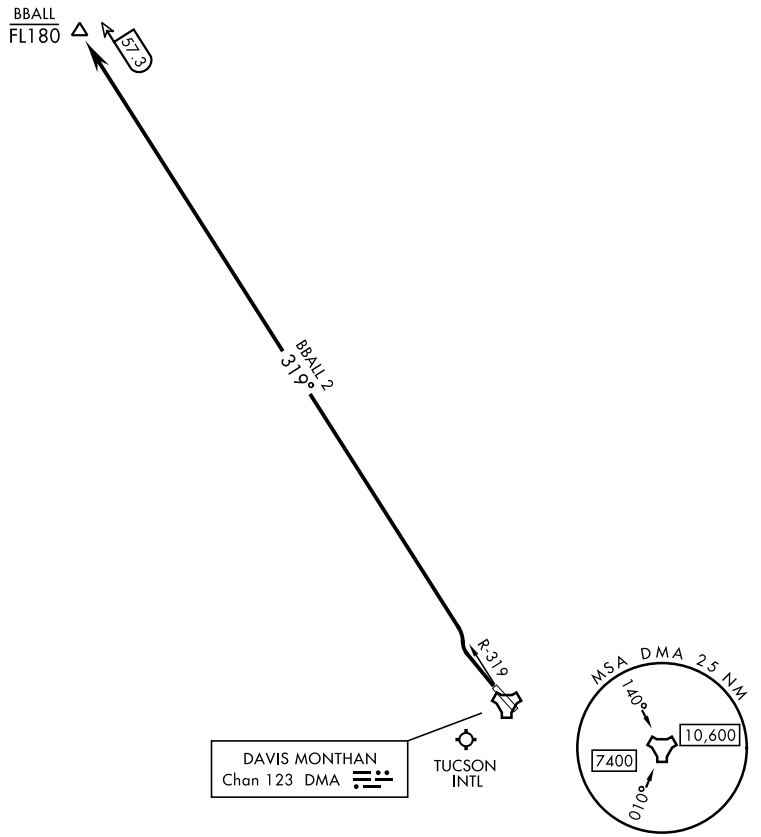
TUCSON, ARIZONA

TUCSON APP/DEP CON
119.4 269.55

[USAF]

DME required

During RADAR operations aircraft will receive RADAR vectors.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 31: Climbing right turn to intercept DMA TACAN R-319 outbound to BBALL (DMA R-319/57.3 DME) cross BBALL at or below FL180.

SW-4, 03 SEP 2026 to 29 OCT 2026

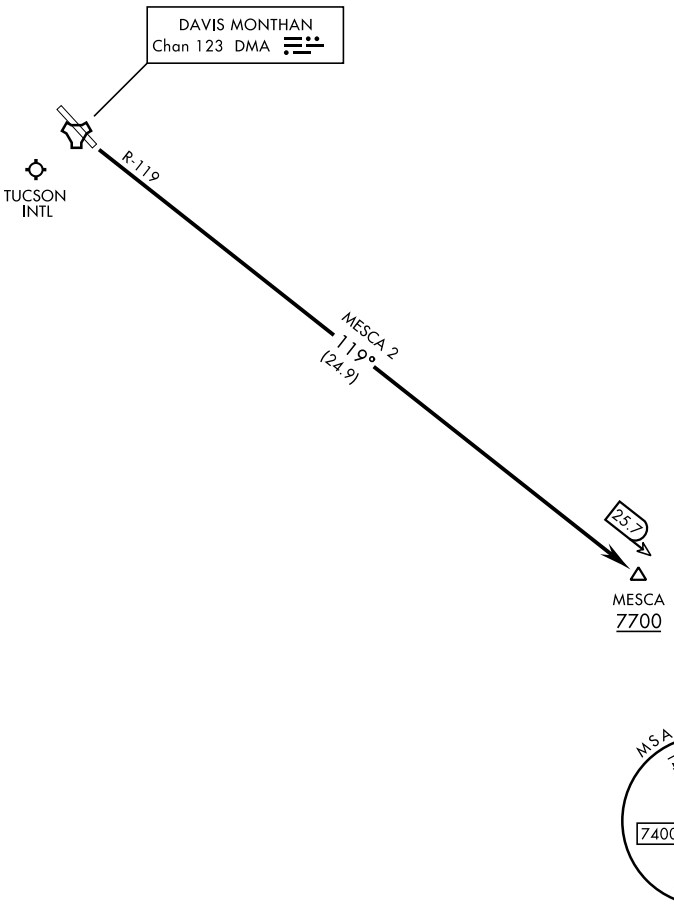
MESCA TWO DEPARTURE (MESCA2.MESCA)

TUCSON APP/DEP CON
119.4 269.55

[USAF]

DME required

During RADAR operations aircraft will receive RADAR vectors.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 13: Climb direct MESCA (DMA TACAN R-119/25.7 DME) on DMA R-119 and cross at or above 7700.

SW-4, 03 SEP 2026 to 29 OCT 2026

DELTA, UTAH | AL-113 (FAA) | 25163

RNAV (GPS) RWY 17

DELTA MUNI (DTA)

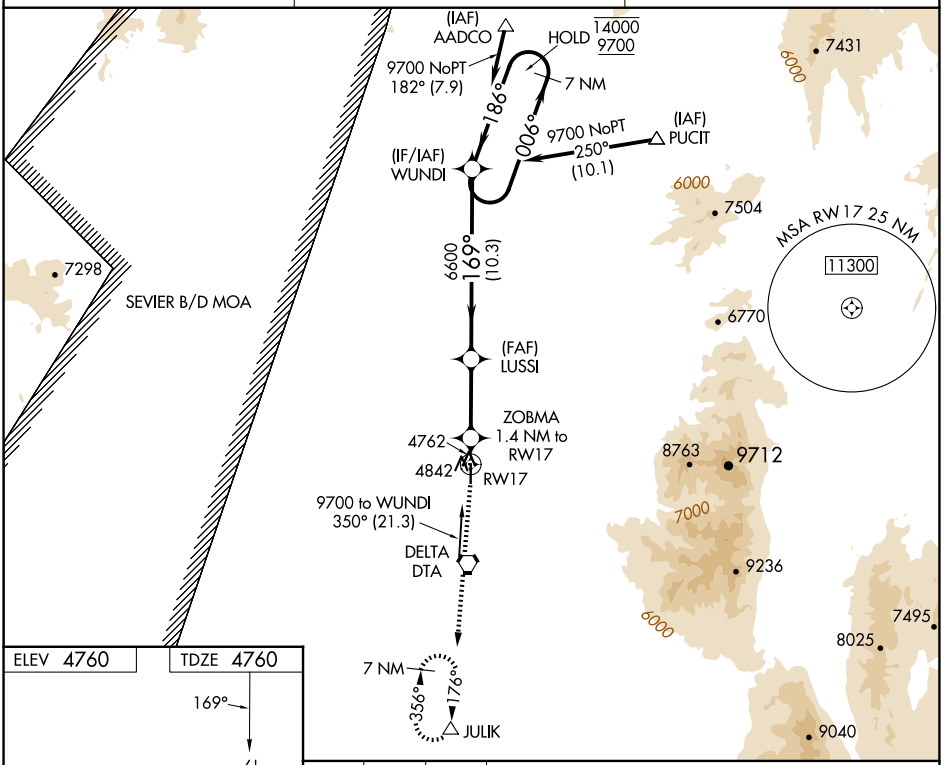
WAAS	APP CRS	Rwy Ldg	6065
CH 45724	169°	TDZE	4760
W17A		Apt Elev	4760

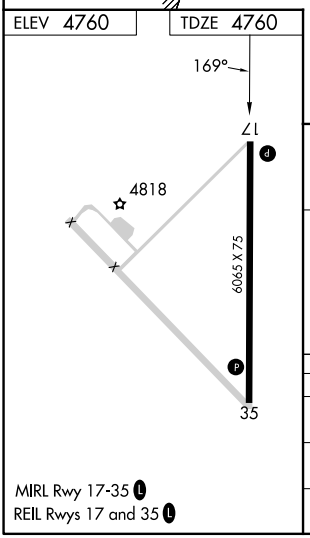
RNP APCH-GPS.

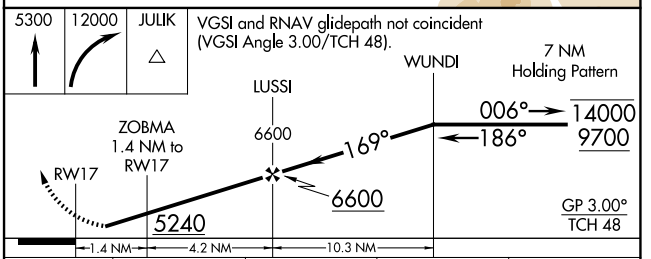
Rwy 17 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C or above 54°C.

MISSED APPROACH: Climb to 5300, then climbing right turn to 12000 direct JULIK and hold, continue climb-in-hold to 12000.

AWOS-3	SALT LAKE CENTER	UNICOM
127.75	127.825 239.025	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	5010-1 250 (300-1)			
LNAV/VNAV DA	5010-1 250 (300-1)			
LNAV MDA	5100-1 340 (400-1)			

MIRL Rwy 17-35 L

REIL Rwys 17 and 35 L

DELTA, UTAH
Amdt 2 02DEC21

39°23'N-112°30'W

DELTA MUNI (DTA)

RNAV (GPS) RWY 17

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 35

DELTA MUNI (DTA)

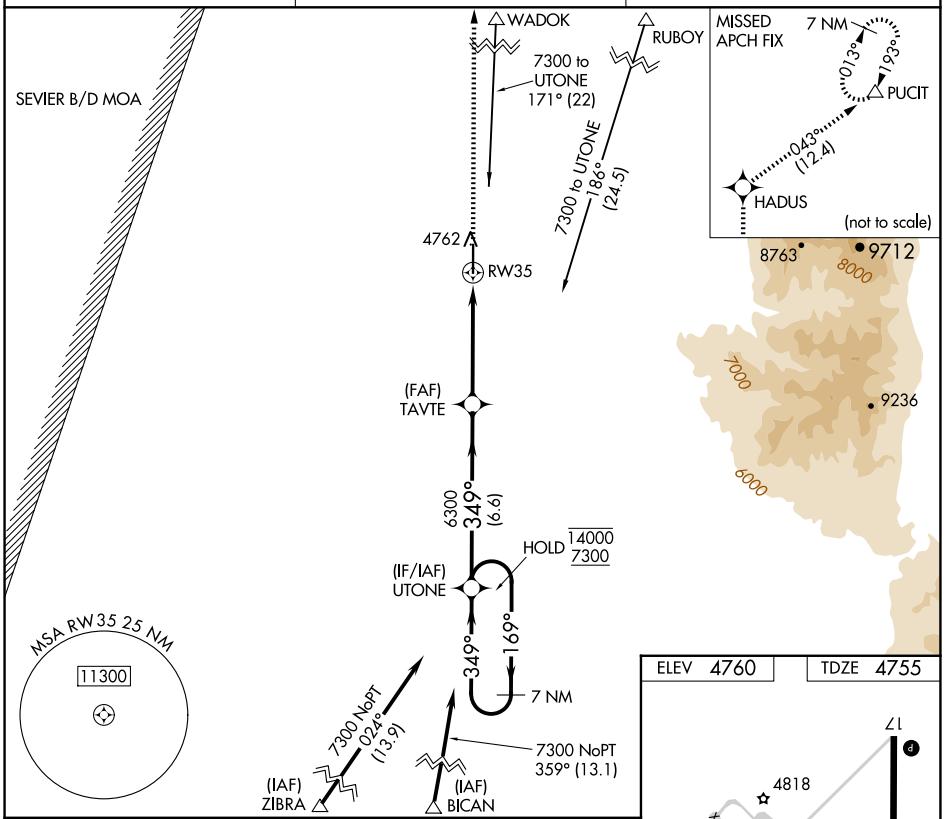
WAAS CH 61124 W35A	APP CRS 349°	Rwy Ldg 6065	TDZE 4755	Apt Elev 4760

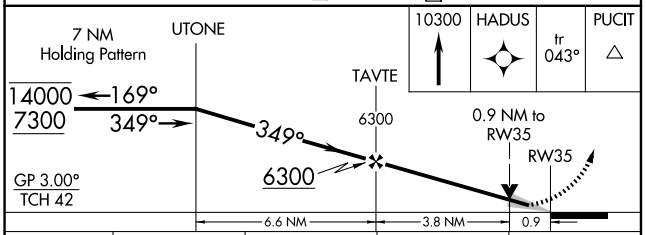
RNP APCH-GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C or above 54°C.

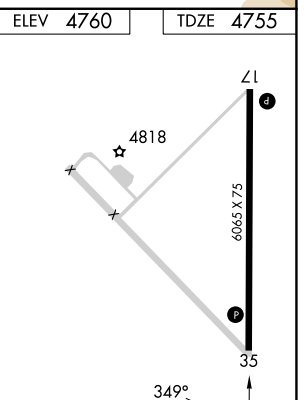
MISSED APPROACH: Climb to 10300 direct HADUS and on track 043° to PUCIT and hold.

AWOS-3	SALT LAKE CENTER	UNICOM
127.75	127.825 239.025	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA		4955-1	200 (200-1)	
LNAV/VNAV DA		5005-1	250 (300-1)	
LNAV MDA		5080-1	325 (400-1)	



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

DELTA, UTAH | AL-113 (FAA) | 25163

VOR/DME RWY 17

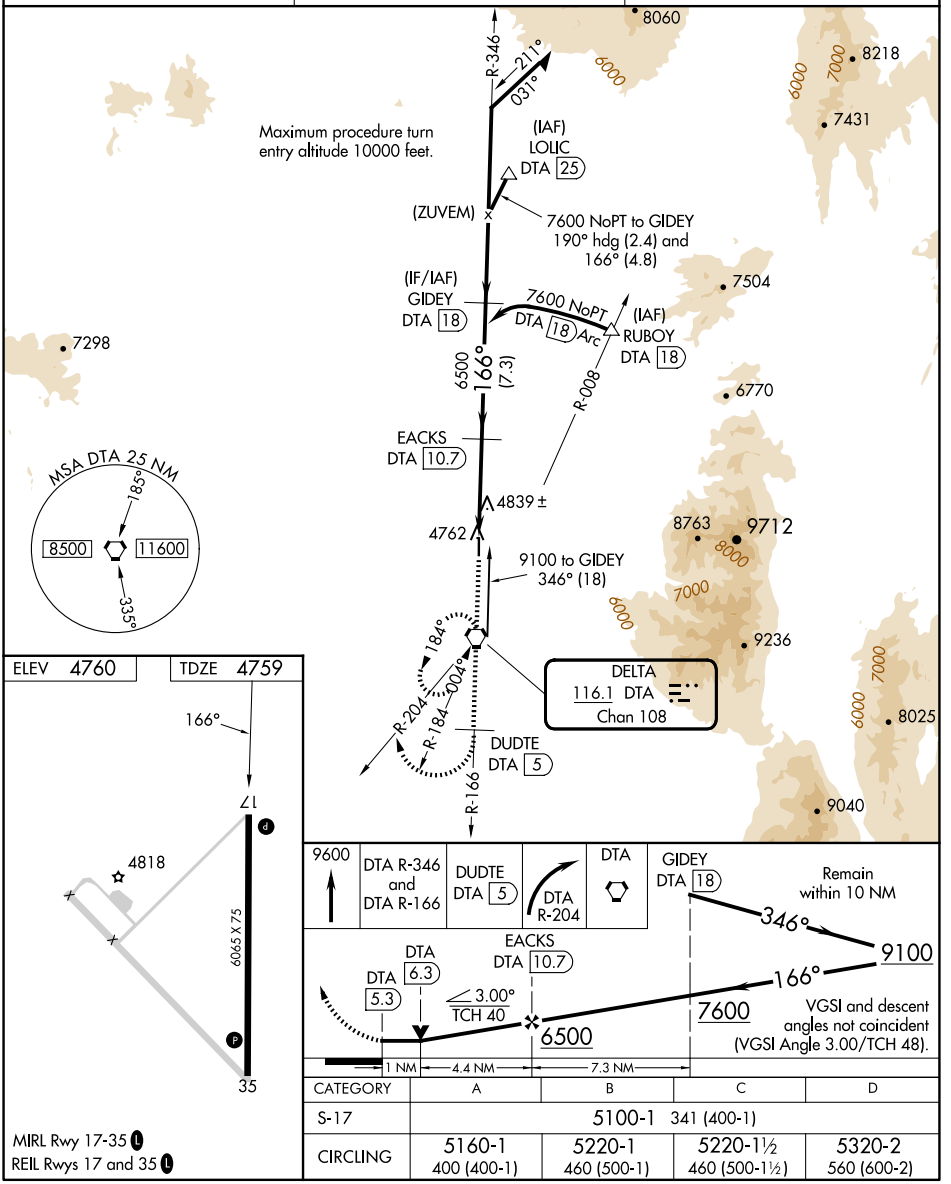
DELTA MUNI (DTA)

VORTAC DTA	APP CRS	Rwy Ldg	6065
116.1	166°	TDZE	4759
Chan 108		Apt Elev	4760

T NA — Helicopter visibility reduction below ¾ SM NA. If local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 9600 via DTA VORTAC R-346 and R-166 to DUDTE/5 DME and climbing right turn via DTA VORTAC R-204 to DTA VORTAC and hold, continue climb-in-hold to 9600.

AWOS-3	SALT LAKE CENTER	UNICOM
127.75	127.825 239.025	122.8 (CTAF) L



CATEGORY	A	B	C	D
S-17	5100-1 341 (400-1)			
CIRCLING	5160-1 400 (400-1)	5220-1 460 (500-1)	5220-1½ 460 (500-1½)	5320-2 560 (600-2)

MIRL Rwy 17-35 L
REIL Rwys 17 and 35 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

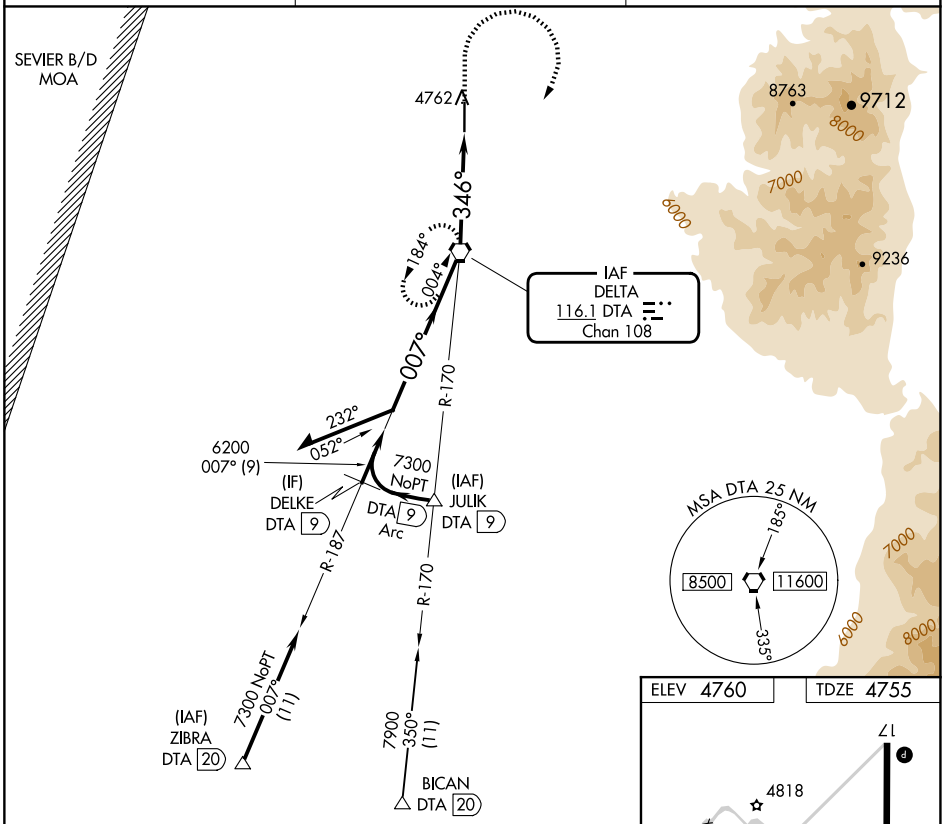
VORTAC DTA	APP CRS	Rwy Ldg	6065
116.1	346°	TDZE	4755
Chan 108		Apt Elev	4760

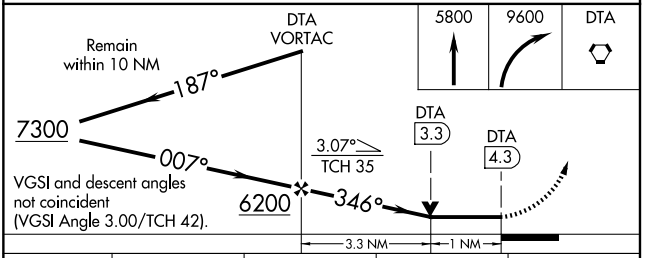
VOR RWY 35
DELTA MUNI (DTA)

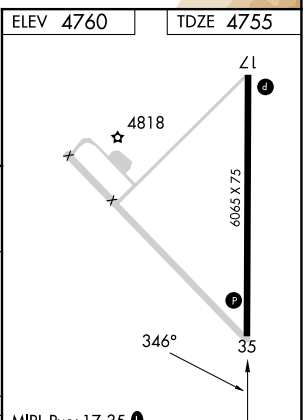
MISSED APPROACH: Climb to 5800, then climbing right turn to 9600 direct DTA VORTAC and hold, continue climb-in-hold to 9600.

AWOS-3	SALT LAKE CENTER	UNICOM
127.75	127.825 239.025	122.8 (CTAF) L

SW-4, 03 SEP 2026 to 29 OCT 2026







CATEGORY	A	B	C	D
S-35	5120-1 365 (400-1)			
CIRCLING	5160-1 400 (400-1)	5220-1 460 (500-1)	5220-1½ 460 (500-1½)	5320-2 560 (600-2)

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

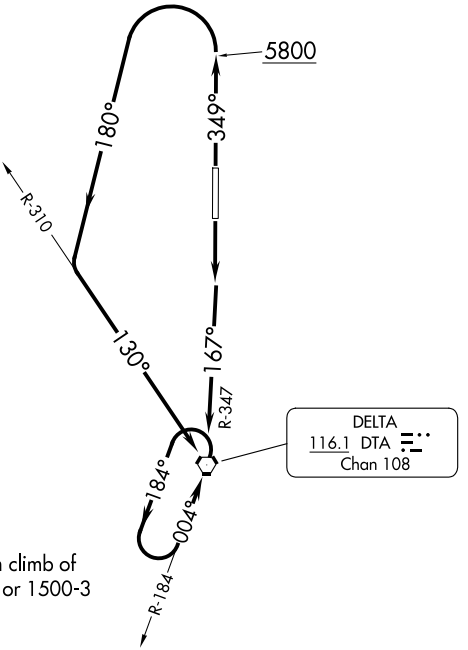
(DTA1.DTA) 23334

DELTA ONE DEPARTURE (OBSTACLE)

AL-113 (FAA)

DELTA MUNI (DTA)
DELTA, UTAH

SALT LAKE CENTER
127.825 239.025



TAKEOFF MINIMUMS

Rwy 17: Standard with minimum climb of 317′ per NM to 6200, or 1500-3 for VCOA.
Rwy 35: Standard.

TAKEOFF OBSTACLE NOTES

Rwy 17: Lighting beginning 41′ from DER, 76′ right of centerline, 3′ AGL/4754′ MSL.
Tree 609′ from DER, 596′ right of centerline, 4780′ MSL.
Rwy 35: Vegetation, lighting beginning 9′ from DER, 77′ right of centerline, up to 4763′ MSL.
Vegetation 47′ from DER, 349′ left of centerline, 4763′ MSL.
Fence 76′ from DER, 390′ right of centerline, 10′ AGL/4769′ MSL.
Vehicles on road 177′ from DER, 477′ right of centerline, 4770′ MSL.
Vehicles on road 227′ from DER, 458′ right of centerline, 4771′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on DTA VORTAC R-347 to DTA VORTAC, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 349° to 5800, then climbing left turn heading 180° and DTA VORTAC R-310 to DTA VORTAC, thence. . . .

. . . .continue climb in DTA VORTAC holding pattern to cross DTA VORTAC at or above MCA/MEA for route of flight.

VCOA RUNWAY 17: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Delta Muni airport southbound at or above 6200, then on DTA VORTAC R-347 to DTA VORTAC, thence. . . .

. . . .continue climb in DTA VORTAC holding pattern to cross DTA VORTAC at or above MCA/MEA for route of flight.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 17

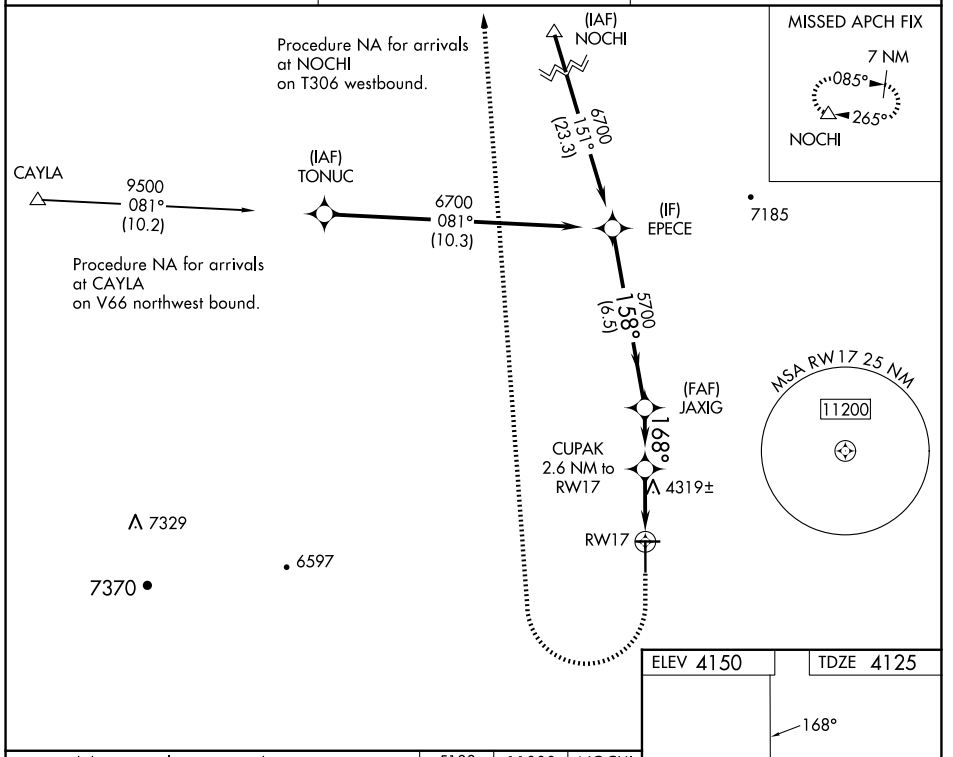
BISBEE DOUGLAS INTL (DUG)

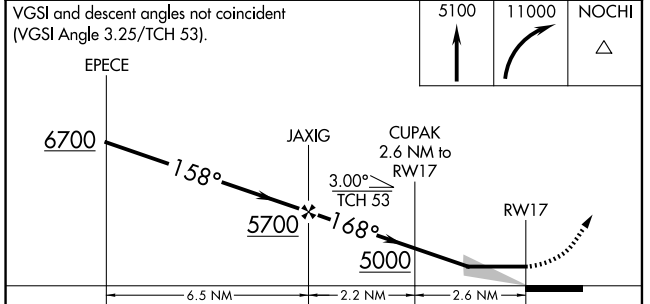
APP CRS	Rwy Ldg	6430
168°	TDZE	4125
	Apt Elev	4150

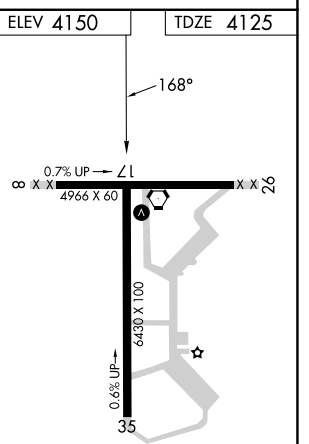
T A — DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 5100 then climbing right turn to 11000 direct NOCHI and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
119.275	134.45 327.15	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	4580-1	455 (500-1)	4580-1⅜	455 (500-1⅜)
CIRCLING	4640-1 490 (500-1)	4660-1 510 (600-1)	4780-1¾ 630 (700-1¾)	5160-3 1010 (1100-3)

MIRL Rwy 17-35 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

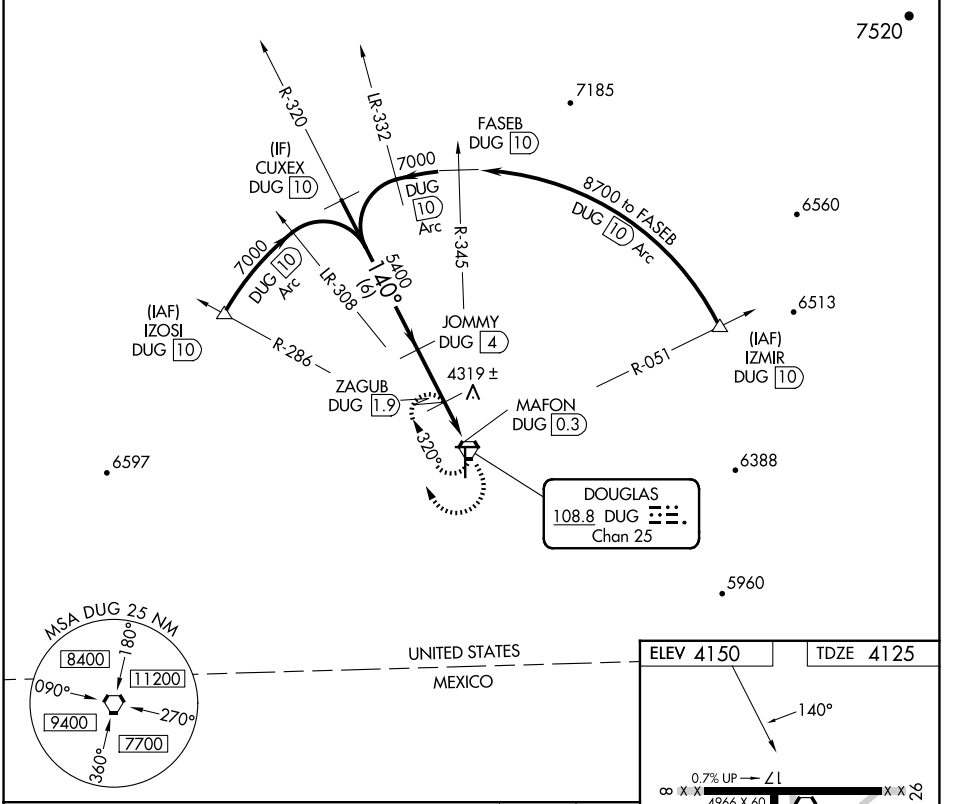
VORTAC DUG	APP CRS	Rwy Ldg	6430
108.8	140°	TDZE	4125
Chan 25		Apt Elev	4150

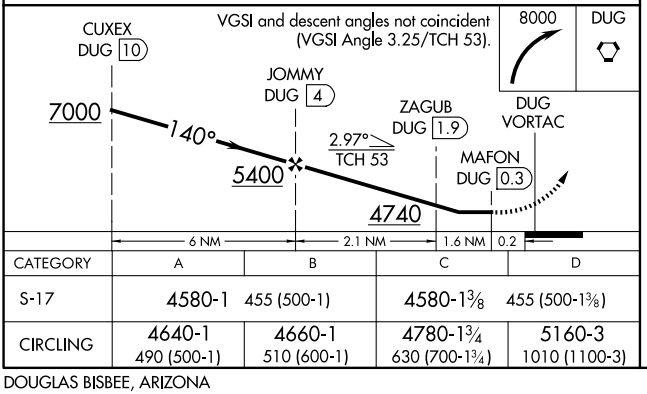
VOR/DME RWY 17

BISBEE DOUGLAS INTL (DUG)

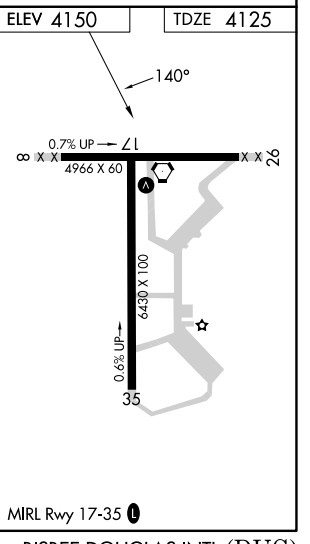
MISSED APPROACH: Climbing right turn to 8000 in DUG VORTAC holding pattern, continue climb-in-hold to 8000.

ASOS	ALBUQUERQUE CENTER	UNICOM
119.275	134.45 327.15	123.0 (CTAF)





CATEGORY	A	B	C	D
S-17	4580-1 455 (500-1)		4580-1⅜ 455 (500-1⅜)	
CIRCLING	4640-1 490 (500-1)	4660-1 510 (600-1)	4780-1¾ 630 (700-1¾)	5160-3 1010 (1100-3)



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

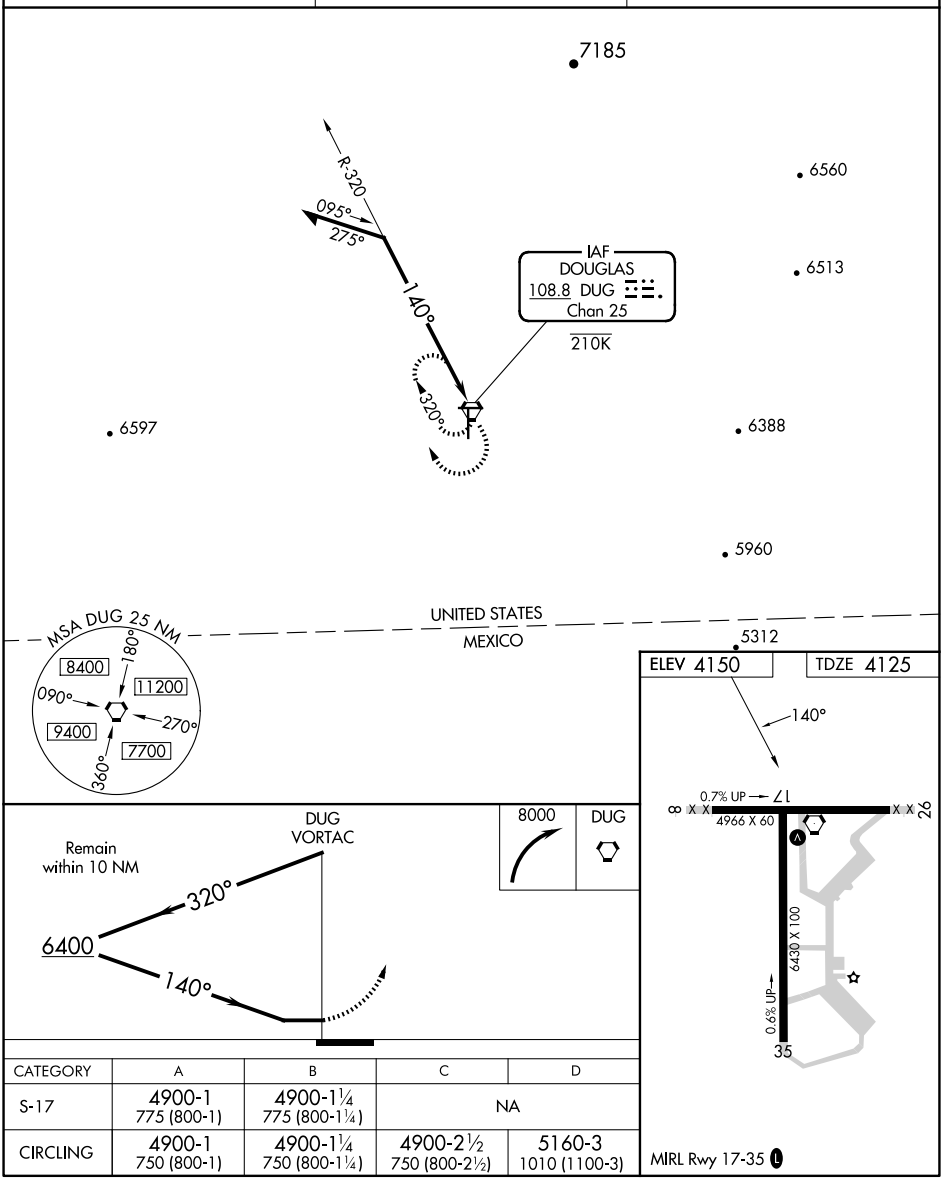
VORTAC DUG	APP CRS	Rwy Ldg	6430
108.8	140°	TDZE	4125
Chan 25		Apt Elev	4150

VOR RWY 17

BISBEE DOUGLAS INTL (DUG)

MISSED APPROACH: Climbing right turn to 8000 in DUG VORTAC holding pattern.

ASOS	ALBUQUERQUE CENTER	UNICOM
119.275	134.45 327.15	123.0 (CTAF) L



CATEGORY	A	B	C	D
S-17	4900-1 775 (800-1)	4900-1¼ 775 (800-1¼)	NA	
CIRCLING	4900-1 750 (800-1)	4900-1¼ 750 (800-1¼)	4900-2½ 750 (800-2½)	5160-3 1010 (1100-3)

MIRL Rwy 17-35 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

DUCHESNE, UTAH

AL-6405 (FAA)

26246

VOR/DME-A

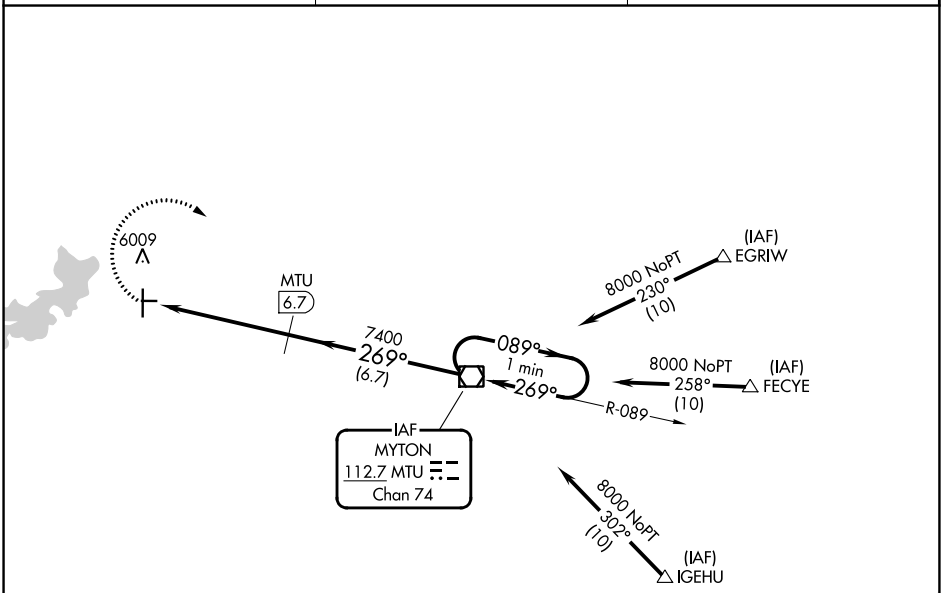
DUCHESNE MUNI (U69)

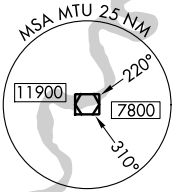
VOR/DME MTU	APP CRS	Rwy Ldg	N/A
112.7	269°	TDZE	N/A
Chan 74		Apt Elev	5831

When local altimeter setting not received, use Vernal altimeter setting.
Circling NA to Rwys 8 and 26.

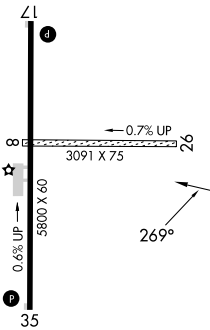
MISSED APPROACH: Climbing right turn to 8000 direct MTU VOR/DME and hold.

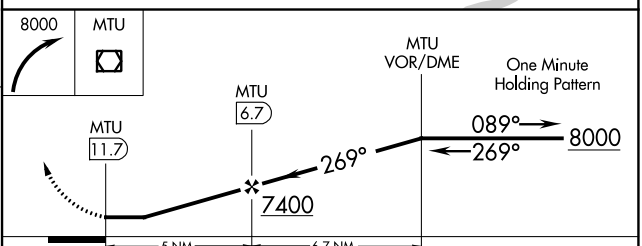
AWOS-3	SALT LAKE CENTER	UNICOM
121.125	133.9 370.85	122.8 (CTAF) L





ELEV 5831





CATEGORY	A	B	C	D
CIRCLING	6660-1¼ 829 (900-1¼)		6660-2½ 829 (900-2½)	NA

REIL Rwys 17 and 35 L

MIRL Rwy 17-35 L

DUCHESNE, UTAH

Orig-B 27FEB20

40°12′N-110°23′W

DUCHESNE MUNI (U69)

VOR/DME-A

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 6

ELKO RGNL (EKO)

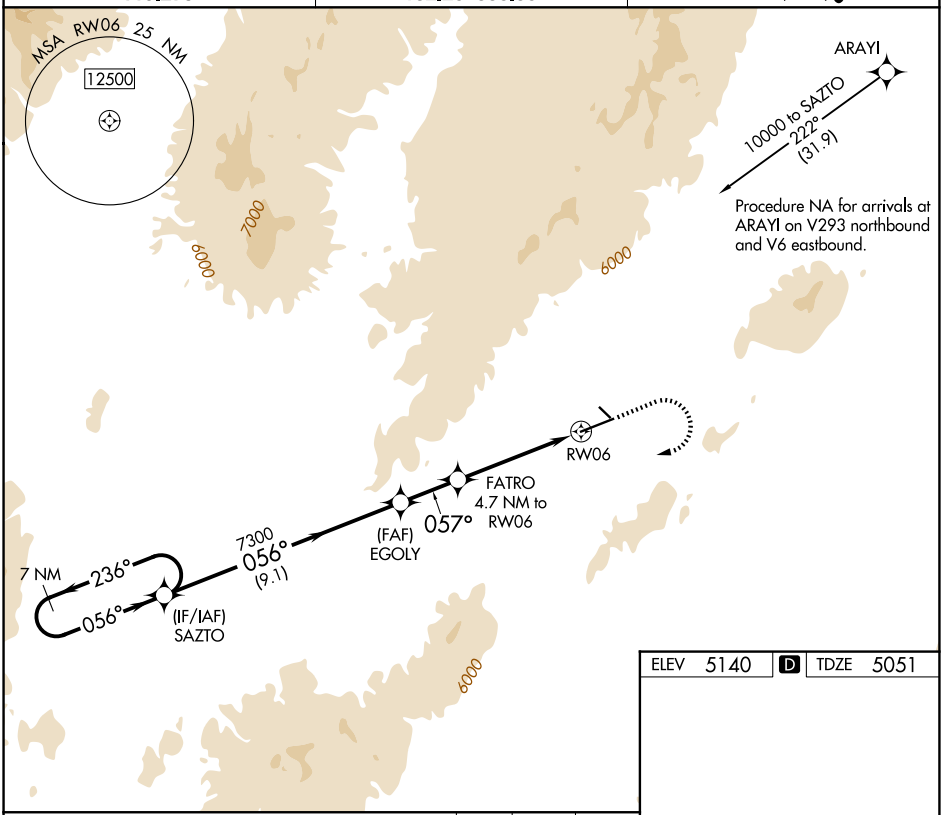
APP CRS	Rwy Ldg	7217
057°	TDZE	5051
	Apt Elev	5140

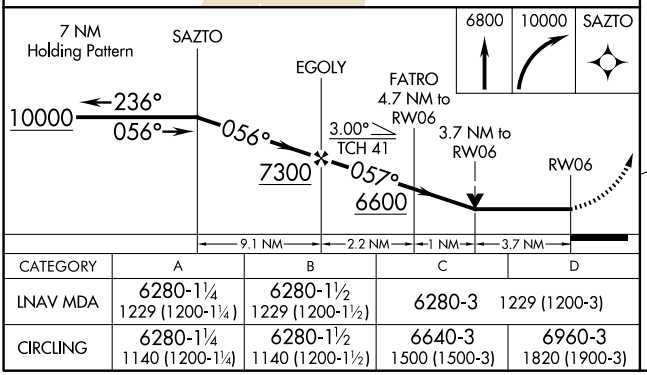
RNP APCH.

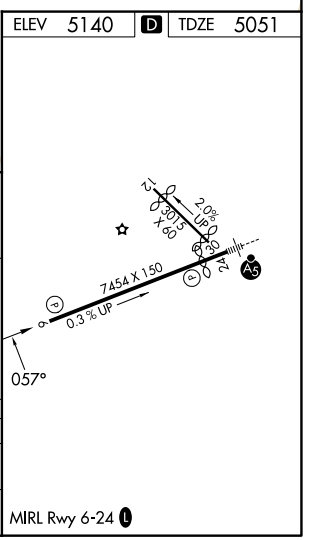
Circling Rwy 24 NA at night.
Rwy 6 helicopter visibility reduction below ¾ SM NA.
-25°C

MISSED APPROACH: Climb to 6800 then climbing right turn to 10000 direct SAZTO and hold, continue climb-in-hold to 10000.

ASOS	SALT LAKE CENTER	UNICOM
119.275	132.25 338.35	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	6280-1¼ 1229 (1200-1¼)	6280-1½ 1229 (1200-1½)	6280-3	1229 (1200-3)
CIRCLING	6280-1¼ 1140 (1200-1¼)	6280-1½ 1140 (1200-1½)	6640-3 1500 (1500-3)	6960-3 1820 (1900-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

ELKO, NEVADA | AL-129 (FAA) | 25219

RNAV (GPS) RWY 24

ELKO RGNL (EKO)

APP CRS	Rwy Ldg	6418
248°	TDZE	5064
	Apt Elev	5140

RNP APCH.

Inop table does not apply to Cats C/D. Circling Rwy 24 NA at night. Rwy 24 helicopter visibility reduction below ¾ SM NA.

-25°C

MALSR

MISSED APPROACH: Climb to 10000 direct SAZTO and hold, continue climb-in-hold to 10000.

ASOS	SALT LAKE CENTER	UNICOM
119.275	132.25 338.35	123.0 (CTAF) L

MSA ZOKEG 25 NM 12500 7000 6000

Procedure NA for arrivals at YOBBO on V293 northeast bound.

YOBBO 9000 148° (13.1)

Procedure NA for arrivals at VODOU on V6 northeast bound.

VODOU 9000 204° (10.9)

Procedure NA for arrivals at BUCAK on V465 northeast bound.

(IAF) BUCAK 9000 210° (8.1)

NIXIE 4.7 NM to ZOKEG 248° 7600 260° (5.4) (FAF) LOYIW (IF) KOQHO

(MAP) ZOKEG

Final approach course offset 10.79°.

9000 294° (7.4) SPEIL 6000

Procedure NA for arrivals at JEBEG on V293 southeast bound.

12300 294° (7.4) (IAF) TEVOE

12700 004° (30.1) JEBEG

7000 8000 9000 10000

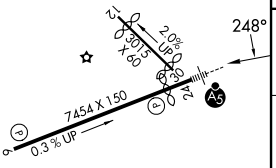
ELEV 5140 D TDZE 5064

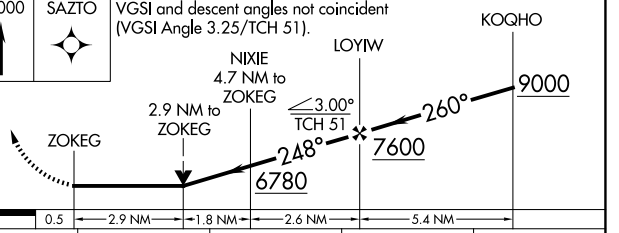
MISSED APCH FIX

7 NM 236° 056° SAZTO

10000 SAZTO

VGSI and descent angles not coincident (VGSI Angle 3.25/TCH 51).





CATEGORY	A	B	C	D
LNAV MDA	6260-¾ 1196 (1200-¾)	6260-1 1196 (1200-1)	6260-3 1196 (1200-3)	
CIRCLING	6260-1¼ 1120 (1200-1¼)	6260-1½ 1120 (1200-1½)	6640-3 1500 (1500-3)	6960-3 1820 (1900-3)

MIRL Rwy 6-24 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

LDA/DME RWY 24

ELKO RGNL (EKO)

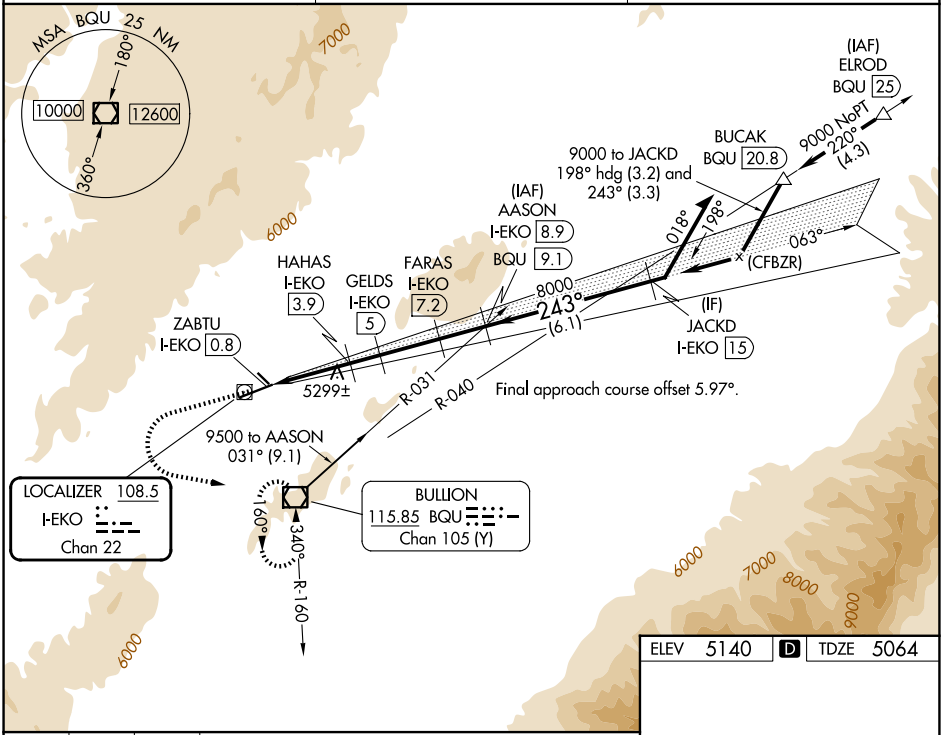
LOC/DME I-EKO	APP CRS	Rwy Ldg	6418
108.5	243°	TDZE	5064
Chan 22		Apt Elev	5140

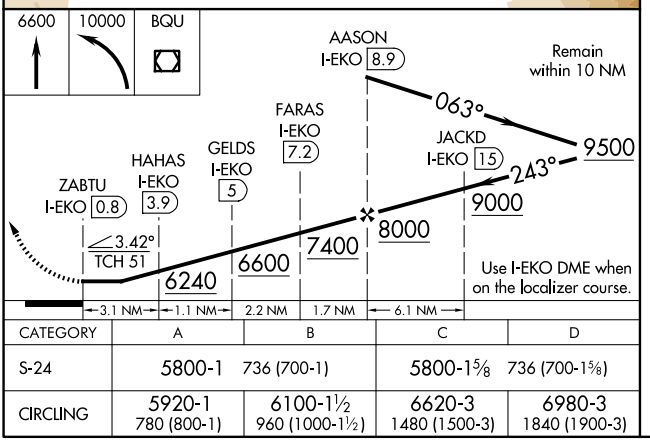
Inoperative table does not apply to Cats A and B. For inop MALSR, increase S-24 Cat C and D visibility to 2 miles. Rwy 24 helicopter visibility reduction below ¾ SM NA. Circling Rwy 24 NA at night. -25°C

MALSR

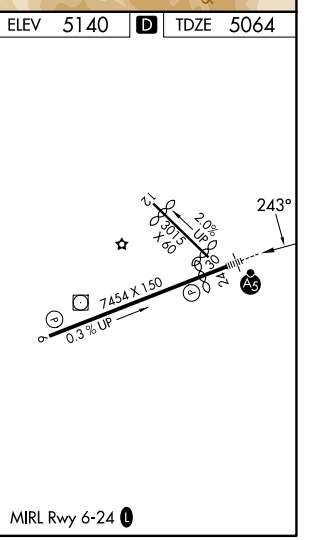
MISSED APPROACH: Climb to 6600 then climbing left turn to 10000 direct BQU VOR/DME and hold, continue climb-in-hold to 10000.

ASOS	SALT LAKE CENTER	UNICOM
119.275	132.25 338.35	123.0 (CTAF) L





CATEGORY	A	B	C	D
S-24	5800-1	736 (700-1)	5800-1⅝	736 (700-1⅝)
CIRCLING	5920-1 780 (800-1)	6100-1½ 960 (1000-1½)	6620-3 1480 (1500-3)	6980-3 1840 (1900-3)



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134

AIRPORT DIAGRAM

AL-129 (FAA)

ELKO RGNL (EKO)
ELKO, NEVADA

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 18

ELY/YELLAND FLD (ELY)

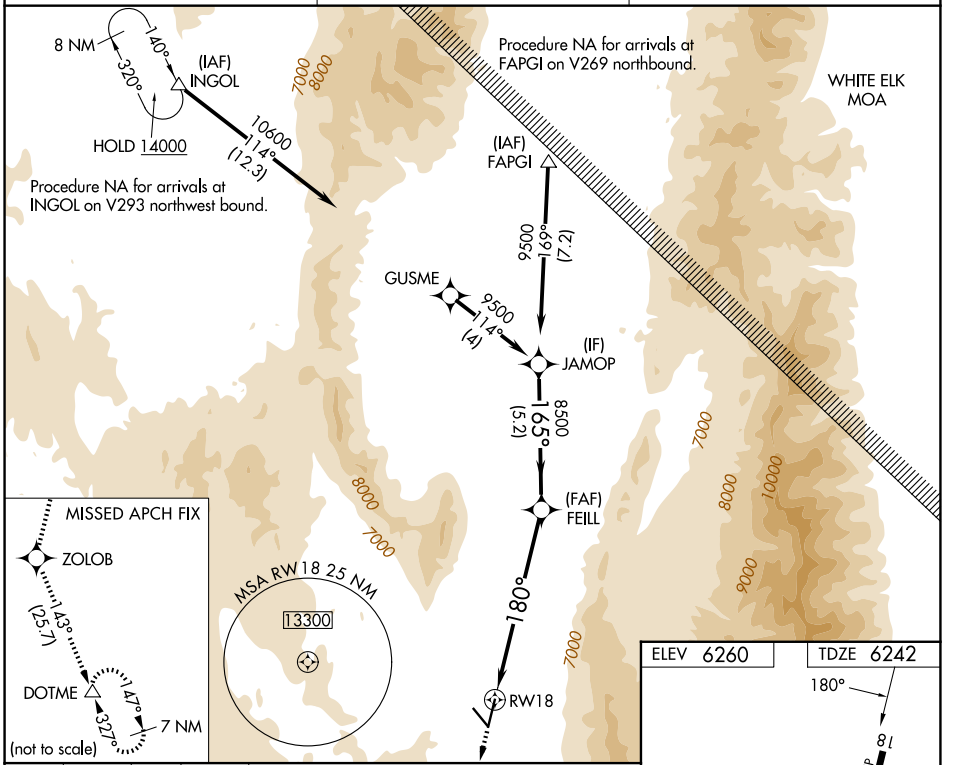
WAAS	APP CRS	Rwy Ldg	6017
CH 42823	180°	TDZE	6242
W18A		Apt Elev	6260

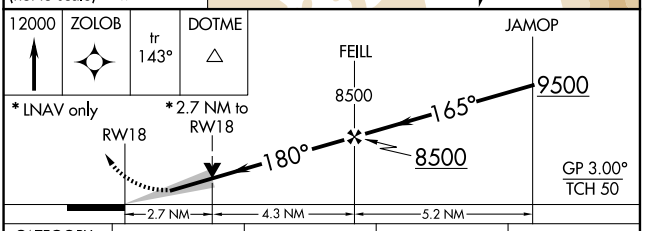
RNP APCH.

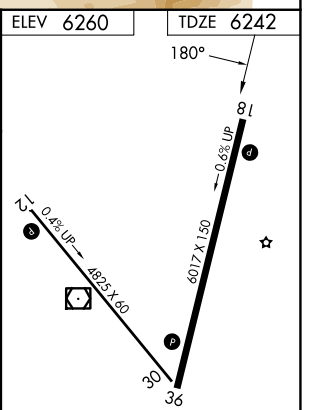
T A — Baro-VNAV NA. Circling Rwy 30 NA at night. Circling NA for Cats A and B southwest of Rwy 12 and west of Rwy 36. Circling NA for Cats C and D southwest of Rwy 12 and east of Rwy 18.

MISSED APPROACH: Climb to 12000 direct ZOLOB and on track 143° to DOTME and hold.

ASOS	SALT LAKE CENTER	UNICOM
120.625	133.45 317.625	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	6652-1⅛ 410 (400-1⅛)			
LNAV/VNAV DA	7274-4 1032 (1100-4)			
LNAV MDA	7140-1¼ 898 (900-1¼)		7140-2½ 898 (900-2½)	
CIRCLING	7140-1¼ 880 (900-1¼)		7140-2½ 880 (900-2½)	8220-3 1960 (2000-3)

MIRL Rwy 12-30 L
HIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ELY, NEVADA | AL-5163 (FAA) | 25331

VOR/DME ELY	APP CRS	Rwy Ldg	N/A
113.95	179°	TDZE	N/A
Chan 86 (Y)		Apt Elev	6260

VOR-C

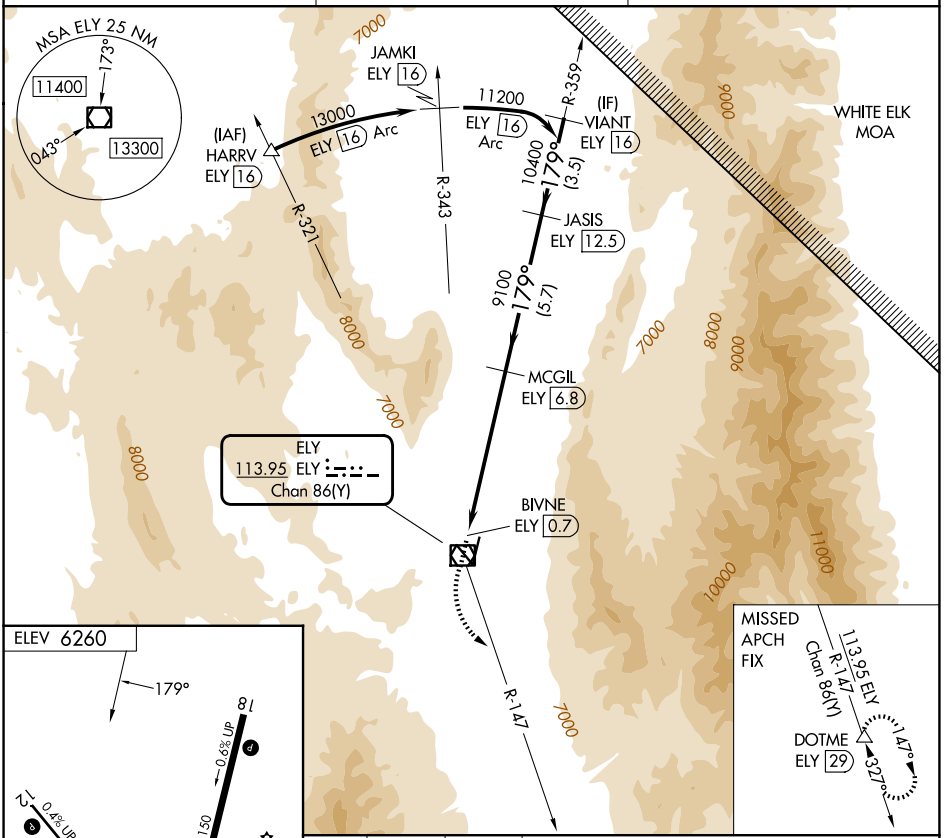
ELY/YELLAND FLD (ELY)

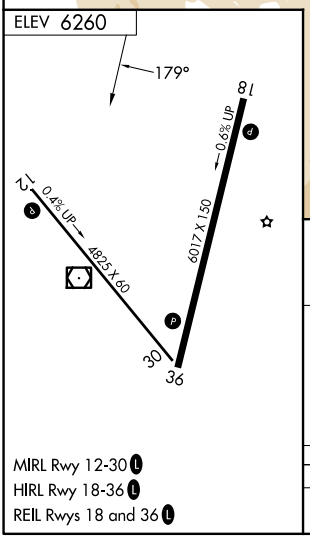
DME required.

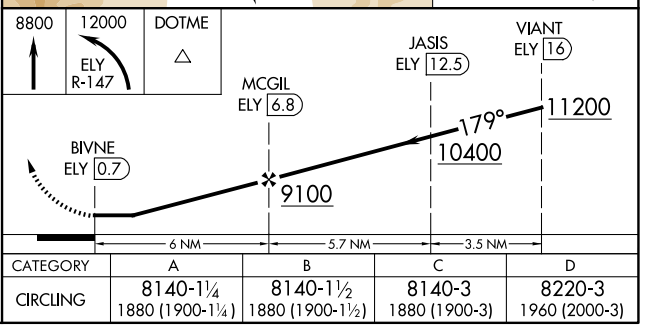
Rwy 30 helicopter visibility reduction below 1 SM NA. Circling Rwy 30 NA at night. Circling NA for Cats A and B southwest of Rwy 12 and west of Rwy 36. Circling NA for Cats C and D southwest of Rwy 12 and east of Rwy 18.

MISSED APPROACH: Climb to 8800 then climbing left turn to 12000 on ELY VOR/DME R-147 to DOTME/ELY 29 DME and hold.

ASOS	SALT LAKE CENTER	UNICOM
120.625	133.45 317.625	122.8 (CTAF) L







MIRL Rwy 12-30 L
HIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

CATEGORY	A	B	C	D
CIRCLING	8140-1¼ 1880 (1900-1¼)	8140-1½ 1880 (1900-1½)	8140-3 1880 (1900-3)	8220-3 1960 (2000-3)

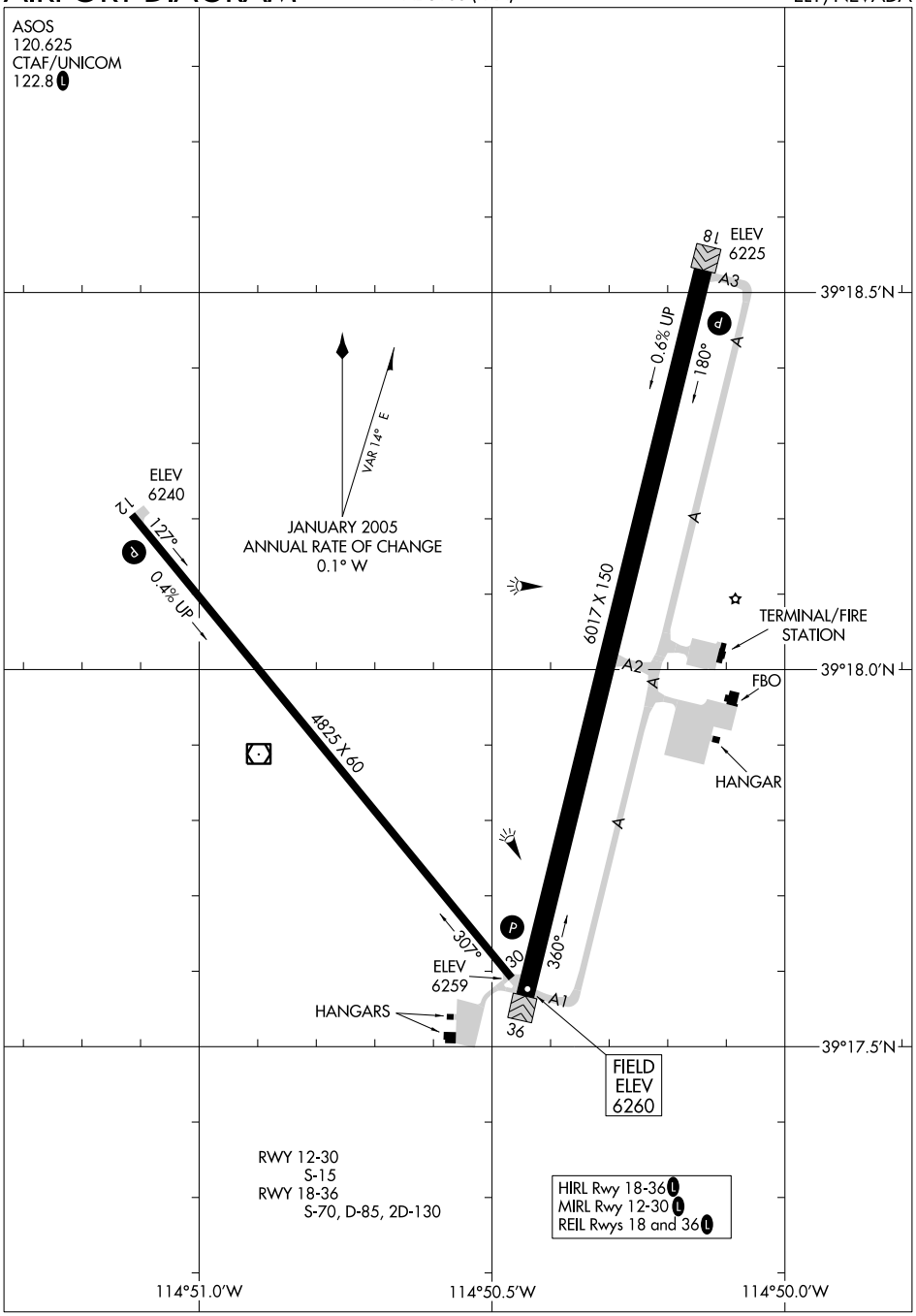
ELY, NEVADA
Amdt 2B 12JUN25

39°18'N-114°51'W

ELY/YELLAND FLD (ELY)
VOR-C

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026

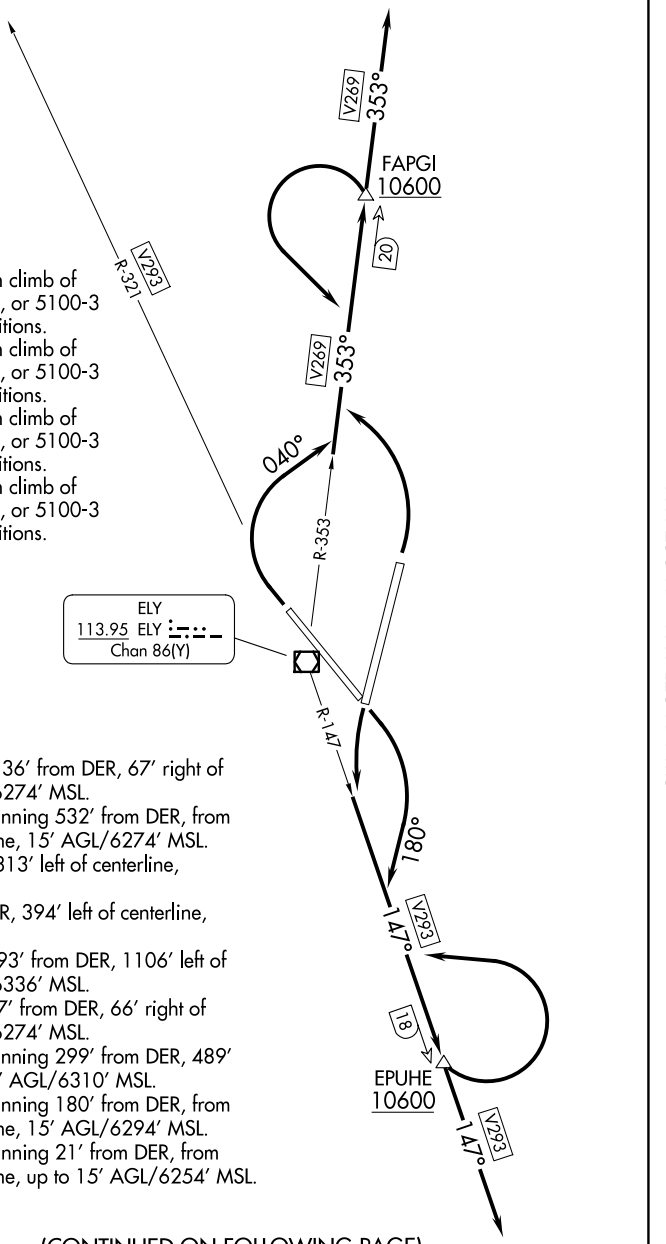
(ELY2.ELY) 24025

ELY TWO DEPARTURE (OBSTACLE)

AL-5163 (FAA)

ELY/YELLAND FLD (ELY)
ELY, NEVADA

ASOS
120.625
SALT LAKE CENTER
133.45 317.625
UNICOM
122.8



TAKEOFF MINIMUMS

Rwy 12: Standard with minimum climb of 280′ per NM to 10600, or 5100-3 for climb in visual conditions.

Rwy 18: Standard with minimum climb of 267′ per NM to 10600, or 5100-3 for climb in visual conditions.

Rwy 30: Standard with minimum climb of 539′ per NM to 10600, or 5100-3 for climb in visual conditions.

Rwy 36: Standard wtih minimum climb of 238′ per NM to 10600, or 5100-3 for climb in visual conditions.

TAKEOFF OBSTACLE NOTES

Rwy 12: Aircraft on taxiway, 136′ from DER, 67′ right of centerline, 15′ AGL/6274′ MSL.
Vehicles on road beginning 532′ from DER, from left to right of centerline, 15′ AGL/6274′ MSL.
Pole 981′ from DER, 313′ left of centerline, 40′ AGL/6295′ MSL.
Tower 2617′ from DER, 394′ left of centerline, 64′ AGL/6334′ MSL.
Antenna on tower 2893′ from DER, 1106′ left of centerline, 66′ AGL/6336′ MSL.

Rwy 18: Aircraft on taxiway 17′ from DER, 66′ right of centerline, 15′ AGL/6274′ MSL.
Multiple hangars beginning 299′ from DER, 489′ right of centerline, 35′ AGL/6310′ MSL.
Vehicles on road beginning 180′ from DER, from left to right of centerline, 15′ AGL/6294′ MSL.

Rwy 30: Vehicles on road beginning 21′ from DER, from left to right of centerline, up to 15′ AGL/6254′ MSL.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climbing right turn heading 180° to intercept ELY VOR/DME R-147 to EPUHE/ELY 18 DME, cross EPUHE at or above 10600. Departures V293 southeast bound, continue climb on course to MEA. Departures V269 or V293 northbound, climbing left turn to intercept ELY VOR/DME R-147, continue climb to 12000 to ELY VOR/DME then proceed on course. Do not exceed 250K until completion of turn at EPUHE; or for climb in visual conditions, cross Ely Airport at or above 11200 before proceeding on course.

TAKEOFF RUNWAY 18: Climbing left turn to intercept ELY VOR/DME R-147 to EPUHE, cross EPUHE at or above 10600. Departures V293 southeast bound, continue climb on course to MEA. Departures V269 or V293 northbound, climbing left turn to intercept ELY VOR/DME R-147, continue climb to 12000 to ELY VOR/DME then proceed on course. Do not exceed 250K until completion of turn at EPUHE; or for climb in visual conditions, cross Ely Airport at or above 11200 before proceeding on course.

TAKEOFF RUNWAY 30: Climbing right turn heading 040° to intercept ELY VOR/DME R-353 to FAPGI/ELY 20 DME, cross FAPGI at or above 10600. Departures V269 northbound proceed on course; departures V293 northwest or southeast bound climbing left turn to intercept ELY VOR/DME R-353, continue climb to 12000 to ELY VOR/DME then proceed on course. Do not exceed 250K until completion of turn at FAPGI; or for climb in visual conditions, cross Ely Airport at or above 11200 before proceeding on course.

TAKEOFF RUNWAY 36: Climbing left turn to intercept ELY VOR/DME R-353 to FAPGI, cross FAPGI at or above 10600. Departures V269 northbound proceed on course; departures V293 northwest or southeast bound climbing left turn to intercept ELY VOR/DME R-353, continue climb to 12000 to ELY VOR/DME then proceed on course. Do not exceed 250K until completion of turn at FAPGI; or for climb in visual conditions, cross Ely Airport at or above 11200 before proceeding on course.

ESCALANTE, UTAH | AL-9498 (FAA) | 25163

APP CRS	Rwy Ldg	5032
309°	TDZE	5723
	Apt Elev	5737

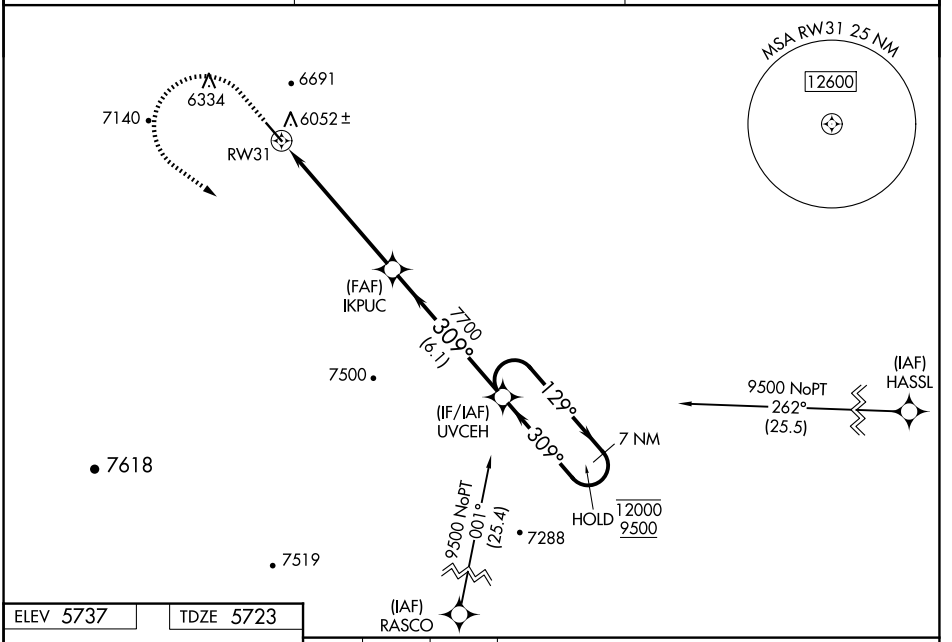
RNAV (GPS) RWY 31
ESCALANTE MUNI (1L7)

RNP APCH - GPS.

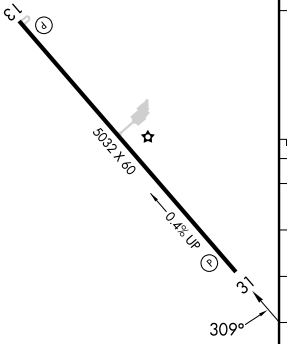
Baro-VNAV NA. Rwy 31 helicopter visibility reduction below ¾ SM NA. Circling NA northeast of Rwy 13-31. Procedure NA at night. Use PGA altimeter setting.

MISSED APPROACH: Climb to 7600 then climbing left turn to 9500 direct UVCEH and hold, continue climb-in-hold to 9500.
*Missed approach requires minimum climb of 328 feet per NM to 8000.
#Missed approach requires minimum climb of 320 feet per NM to 8020.

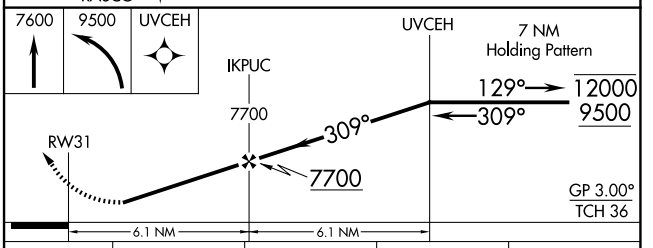
PGA ASOS	SALT LAKE CENTER	UNICOM
120.625	133.6 269.25	122.8 (CTAF) L



ELEV 5737 | TDZ 5723



MIRL Rwy 13-31 L
REIL Rwys 13 and 31



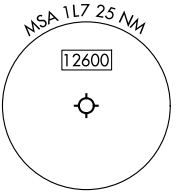
CATEGORY	A	B	C	D
LNAV/VNAV DA*	6534-2½ 811 (800-2½)		NA	
LNAV MDA#	6840-1¼ 1117 (1200-1¼)	6840-1½ 1117 (1200-1½)	NA	
LNAV/VNAV DA	7169-6 1446 (1500-6)		NA	
LNAV MDA	7280-1¼ 1557 (1600-1¼)	7280-1½ 1557 (1600-1½)	NA	
CIRCLING	7280-1¼ 1543 (1600-1¼)	7280-1½ 1543 (1600-1½)	NA	

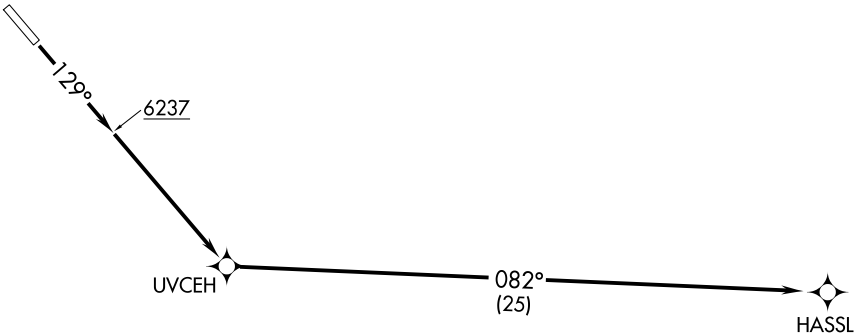
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

HASSL TWO DEPARTURE (OBSTACLE) (RNAV)

SALT LAKE CENTER
133.6 269.25
PGA ASOS
120.625

RNAV 1 - GPS





TAKEOFF MINIMUMS

Rwy 31: NA - Terrain.
Rwy 13: Standard.

TAKEOFF OBSTACLE NOTES

Rwy 13: Light poles 10′ from DER, 19′ left of centerline, 4′ AGL/5721′ MSL.
Tree 32′ from DER, 353′ left of centerline, 5730′ MSL.
Trees beginning 67′ from DER, 198′ left of centerline, up to 15′ AGL/5734′ MSL.
Trees beginning 381′ from DER, 473′ left of centerline, up to 5735′ MSL.
Trees beginning 703′ from DER, 277′ left of centerline, up to 5744′ MSL.
Tree 798′ from DER, 481′ left of centerline, 5747′ MSL.
Trees beginning 811′ from DER, 336′ left of centerline, up to 5752′ MSL.
Trees beginning 881′ from DER, 441′ left of centerline, up to 5756′ MSL.
Trees beginning 996′ from DER, 361′ left of centerline, up to 5765′ MSL.
Tree, terrain beginning 1119′ from DER, 509′ left of centerline, up to 5772′ MSL.
Tree, vehicles on road beginning 1228′ from DER, 160′ left of centerline, up to 5774′ MSL.
Trees beginning 1332′ from DER, 402′ left of centerline, up to 5775′ MSL.
Transmission lines, trees, vehicle on road beginning 1439′ from DER, 208′ left of centerline, up to 5786′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 129° to 6237, then direct UVCEH, then on track 082° to HASSL.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

EUREKA, NEVADA | AL-9852 (FAA) | 26022

RNAV (GPS) RWY 18

EUREKA (Ø5U)

WAAS	APP CRS	Rwy Ldg	7300
CH 42732	178°	TDZE	5944
W18A		Apt Elev	5958

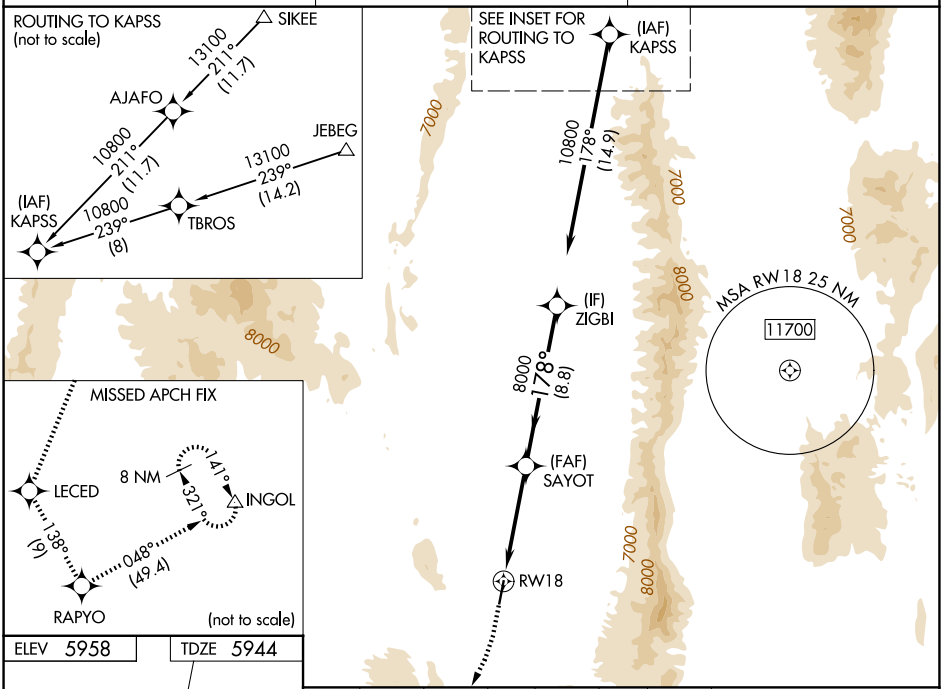
RNP APCH - GPS.

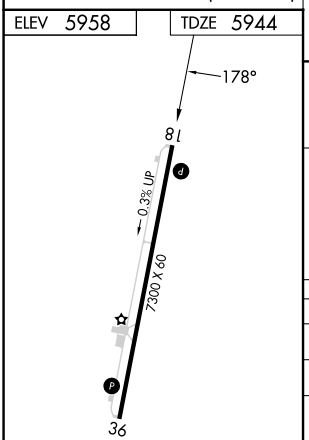
Circling NA for Cat D west of Rwy 18-36. When local altimeter setting not received, procedure NA.

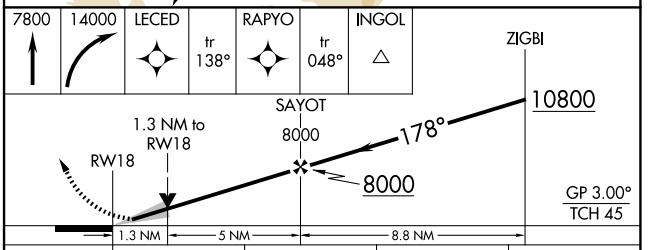
-17°C

MISSED APPROACH: Climb to 7800 then climbing right turn to 14000 direct LECED and on track 138° to RAPYO and track 048° to INGOL and hold.
#Missed approach requires minimum climb of 390 feet per NM to 10200.
*Missed approach requires minimum climb of 390 feet per NM to 9900.

AWOS-3	SALT LAKE CENTER	CTAF
128.325	132.25 338.35	122.9 L





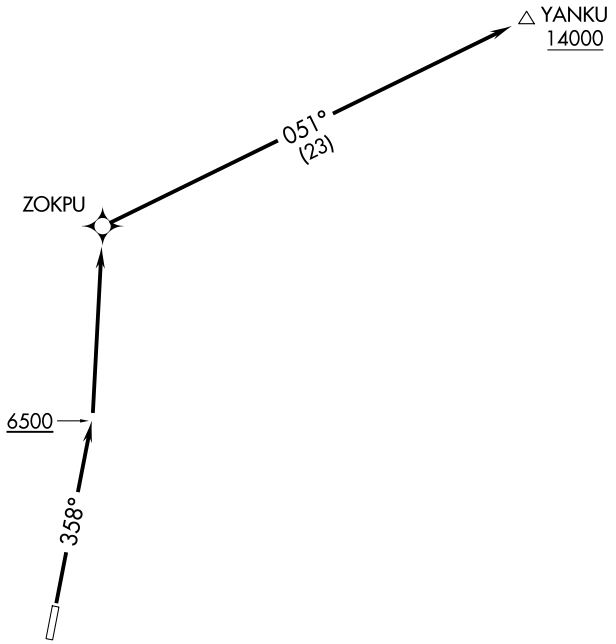


CATEGORY	A	B	C	D
LPV DA*	6144-¾ 200 (200-¾)			
LPV DA	7536-6 1592 (1600-6)			
LNAV MDA#	6400-1 456 (500-1)		6400-1⅜ 456 (500-1⅜)	
LNAV MDA	7880-1¼ 1936 (2000-1¼)	7880-1½ 1936 (2000-1½)	7880-3 1936 (2000-3)	
CIRCLING	7880-1¼ 1922 (2000-1¼)	7880-1½ 1922 (2000-1½)	7880-3 1922 (2000-3)	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

MINES ONE DEPARTURE (OBSTACLE) (RNAV)

NORCAL DEP CON
119.2 279.55
SALT LAKE CENTER
132.25 338.35
CTAF
122.9



NOTE: GPS required.
NOTE: RNAV-1.

TAKEOFF MINIMUMS
Rwy 18: NA - Terrain
Rwy 36: Standard.

TAKEOFF OBSTACLE NOTES
Rwy 36: Pole 34' from DER, 338' left of centerline, 8' AGL/5942' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 36: Climb heading 358° to 6500 then direct ZOKPU, then on track 051° to YANKU. Thence . . .

. . . Maintain 14000 or assigned altitude. Expect filed altitude 10 minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS)-C

FALLON MUNI (FLX)

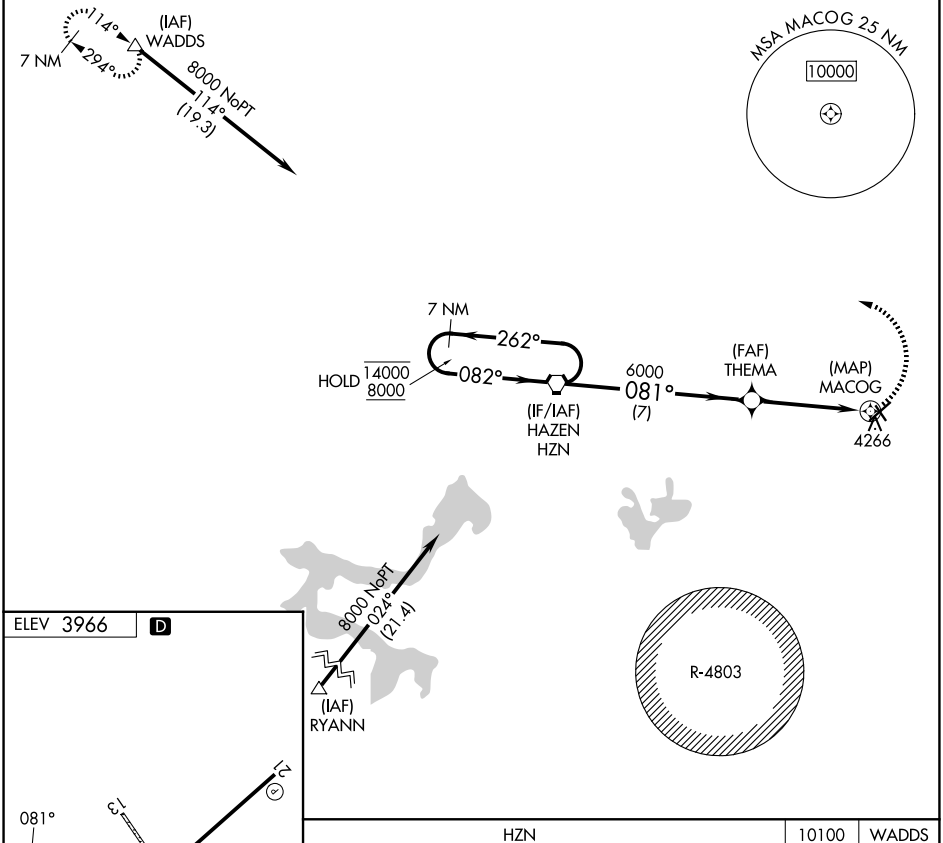
APP CRS	Rwy Ldg	N/A
081°	TDZE	N/A
	Apt Elev	3966

RNP APCH.

Circling NA to Rwys 13 and 31. Circling to Rwy 21 NA at night. When local altimeter not received, use Fallon NAS altimeter setting.

MISSED APPROACH: Climbing left turn to 10100 direct WADDS and hold, continue climb-in-hold 10100.

AWOS-AV	KNFL ATIS ★	NAVY FALLON APP CON ★	UNICOM
118.25	370.925	120.85 360.2	122.8 (CTAF)



CATEGORY	A	B	C	D
CIRCLING	4620-1 654 (700-1)		4620-1¾ 654 (700-1¾)	4620-2 654 (700-2)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

VORTAC HZN	APP CRS	Rwy Ldg	N/A
114.1	078°	TDZE	N/A
Chan 88		Apt Elev	3966

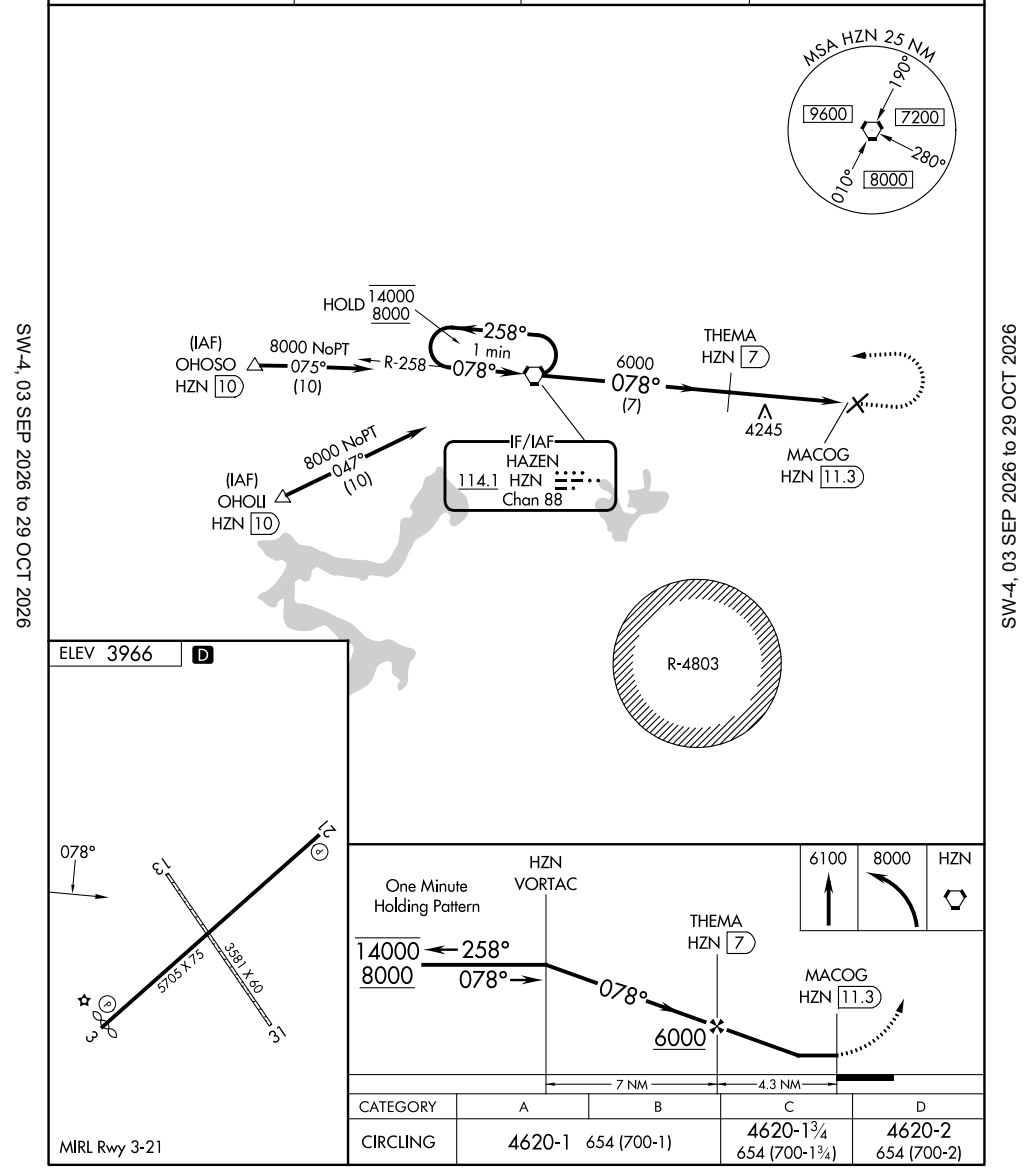
VOR-B
FALLON MUNI (FLX)

DME required.

Circling NA to Rwys 13 and 31. Circling to Rwy 21 NA at night. When local altimeter not received, use Fallon NAS altimeter setting.

MISSED APPROACH: Climb to 6100 then climbing left turn to 8000 direct HZN VORTAC and hold.

AWOS-AV	KNFL ATIS★	NAVY FALLON APP CON★	UNICOM
118.25	370.925	120.85 360.2	122.8 (CTAF)



CATEGORY	A	B	C	D
CIRCLING	4620-1	654 (700-1)	4620-1¾ 654 (700-1¾)	4620-2 654 (700-2)

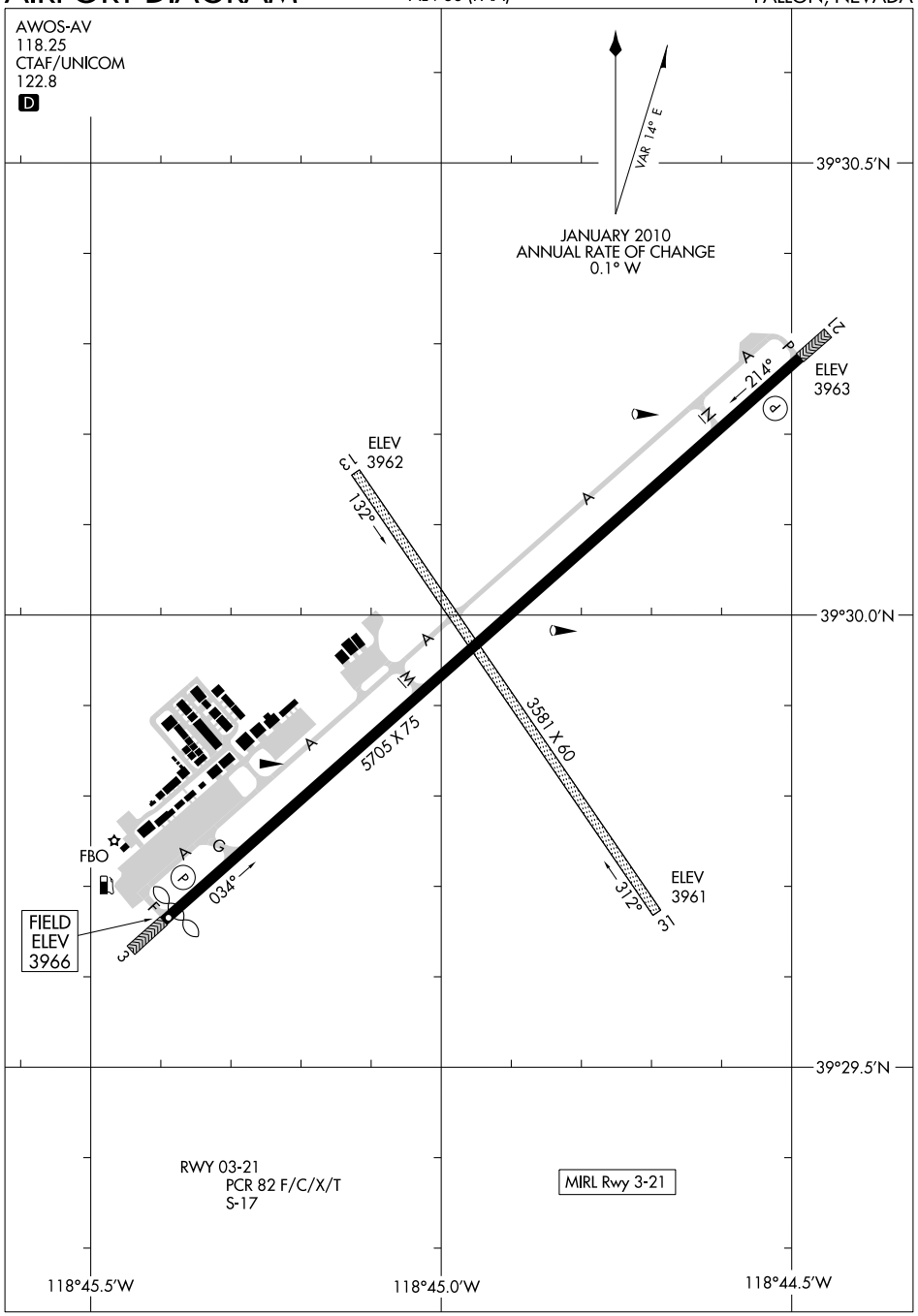
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134

AIRPORT DIAGRAM

AL-786 (FAA)

FALLON MUNI (FLX)
FALLON, NEVADA



SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26134

FALLON, NEVADA
FALLON MUNI (FLX)

FALLON, NEVADA

RNAV (GPS) RWY 13R

APCH CRS	Rwy ldg	14,001
131°	TDZE	3935
	Arpt Elev	3935

(USN) FALLON NAS (VAN VOORHIS FLD) (KNFL)

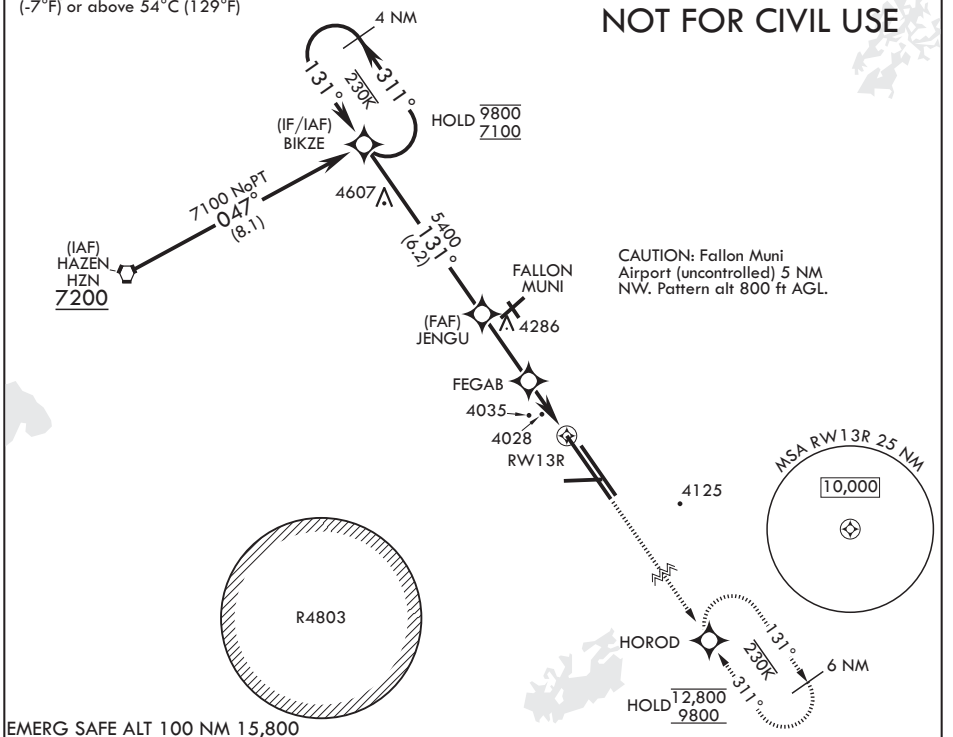
RNP APCH-GPS

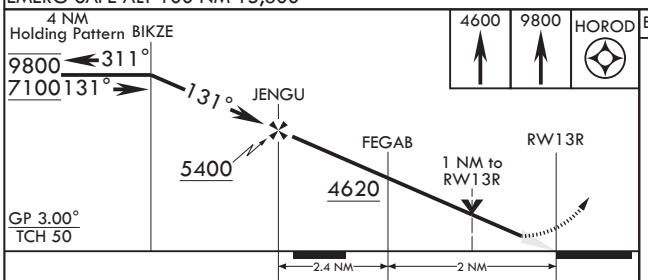
MISSED APPROACH: Climb to 4600 then climbing to 9800 direct HOROD and hold, continue climb-in-hold to 9800.

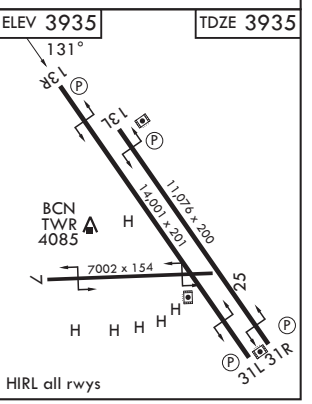
ATIS★	NAVY FALLON APP CON/DEP CON★	NAVY FALLON TOWER★	GND CON	ASR/PAR
370.925	120.85 360.2	119.25 340.2	251.15	

NOT FOR CIVIL USE

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 54°C (129°F)







CATEGORY	A	B	C	D
LNAV/VNAV DA	4300-1	365	(400-1)	
LNAV MDA	4300-1	365	(400-1)	
CIRCLING	4400-1 465 (500-1)	4440-1 505 (600-1)	4780-2½ 845 (900-2½)	5120-3 1185 (1200-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

25275

FALLON, NEVADA

RNAV (GPS) RWY 25

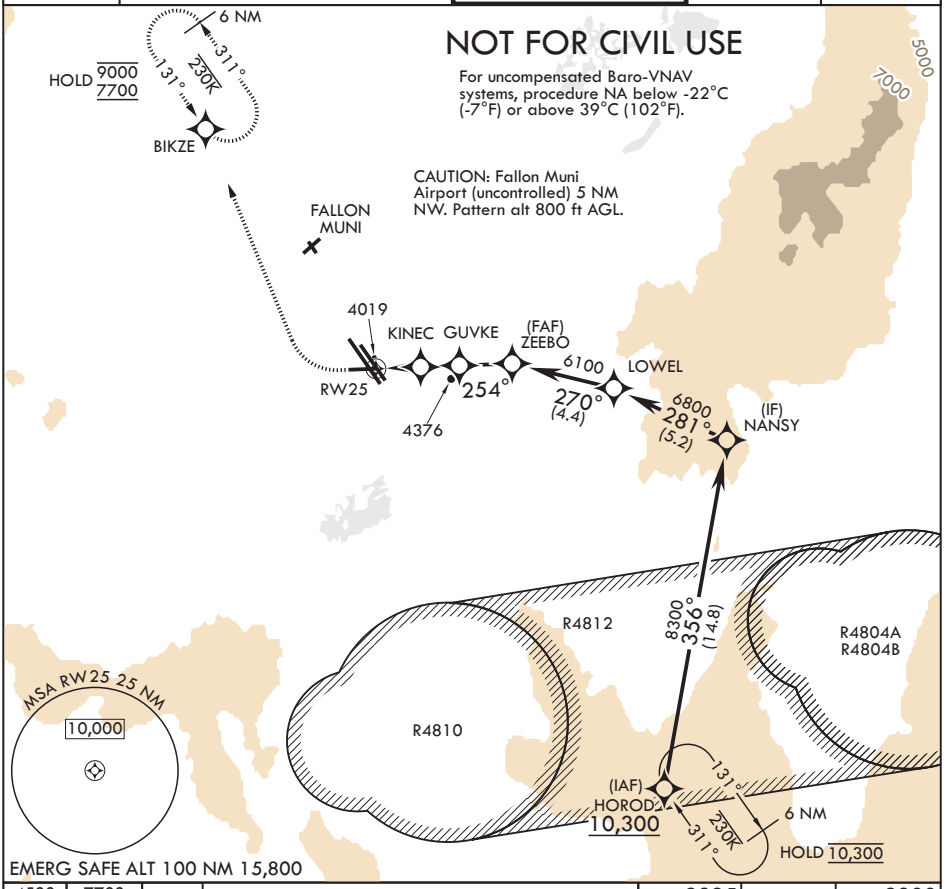
APCH CRS	Rwy ldg	7002
254°	TDZE	3928
	Arpt Elev	3935

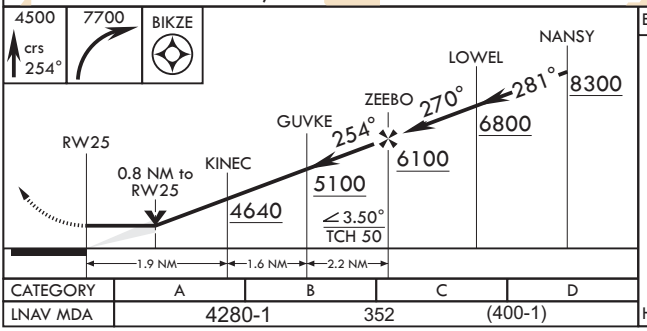
(USN) FALLON NAS (VAN VOORHIS FLD) (KNFL)

RNP APCH-GPS

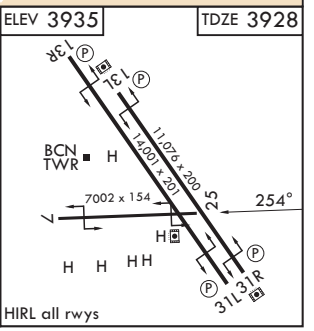
MISSED APPROACH: Climb to 4500 then climbing right turn to 7700 direct BIKZE and hold. Continue climb-in-hold to 7700.

ATIS★	NAVY FALLON APP CON/DEP CON★	NAVY FALLON TOWER★	GND CON	ASR/PAR
370.925	120.85 360.2	119.25 340.2	251.15	





CATEGORY	A	B	C	D
LNAV MDA	4280-1	352	(400-1)	



FALLON, NEVADA
Orig 02OCT25

39°25'N - 118°42'W

FALLON NAS (VAN VOORHIS FLD) (KNFL)

RNAV (GPS) RWY 25

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

FALLON, NEVADA

RNAV (GPS) RWY 31L

APCH CRS	Rwy ldg	14,001
311°	TDZE	3927
	Arpt Elev	3935

(USN) FALLON NAS (VAN VOORHIS FLD) (KNFL)

RNP APCH-GPS

MISSED APPROACH: Climb to 5000 then climbing to 7700 direct BIKZE and hold, continue climb-in-hold to 7700.

ATIS★	NAVY FALLON APP CON/DEP CON★	NAVY FALLON TOWER★	GND CON	ASR/PAR
370.925	120.85 360.2	119.25 340.2	251.15	

For uncompensated Baro-VNAV systems, Procedure NA below -22°C (-7°F) or above 40°C (104°F).

6 NM 311° 230K 131° HOLD 9000 7700

BIKZE

FALLON MUNI

CAUTION: Fallon Muni Airport (uncontrolled) 5 NM NW. Pattern alt 800 ft AGL.

R4813B R4813A

7000 5000

4085 4125 4468 RW31L 4002 4018

ZIPUG

(FAF) WINED 6300 (5.5)

(IF) JUMLA 7500 (4)

OCERI 8200 (5)

(IAF) HOROD 10,300 311° 131° 230K 4 NM

HOLD 10,300

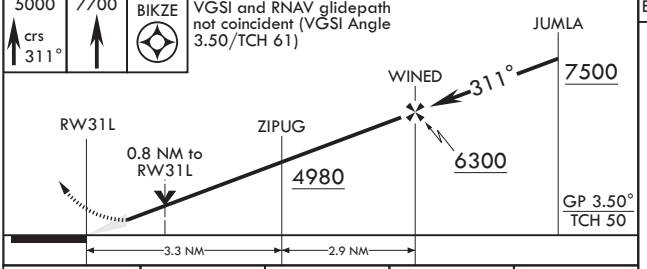
R4812 R4804A R4804B R4810

MSA RW31L 25 NM 10,000

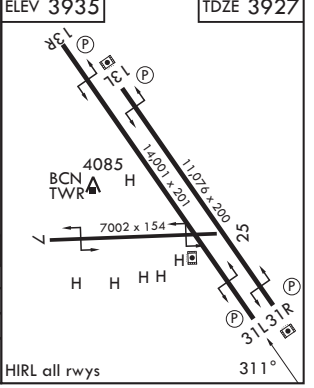
EMERG SAFE ALT 100 NM 15,800

5000 crs 311°	7700	BIKZE

VGSI and RNAV glidepath not coincident (VGSI Angle 3.50/TCH 61)



ELEV 3935 TDZE 3927



CATEGORY	A	B	C	D
LNAV/VNAV DA	4177-¾	250	(300-¾)	
LNAV MDA	4280-1	353	(400-1)	
CIRCLING	4400-1 465 (500-1)	4440-1 505 (600-1)	4780-2½ 845 (900-2½)	5120-3 1185 (1200-3)

HIRL all rwys

FALLON, NEVADA

Amdt 4 02OCT25

39°25'N - 118°42'W FALLON NAS (VAN VOORHIS FLD) (KNFL)

RNAV (GPS) RWY 31L

SW-4, 03 SEP 2026 to 29 OCT 2026

FALLON, NEVADA

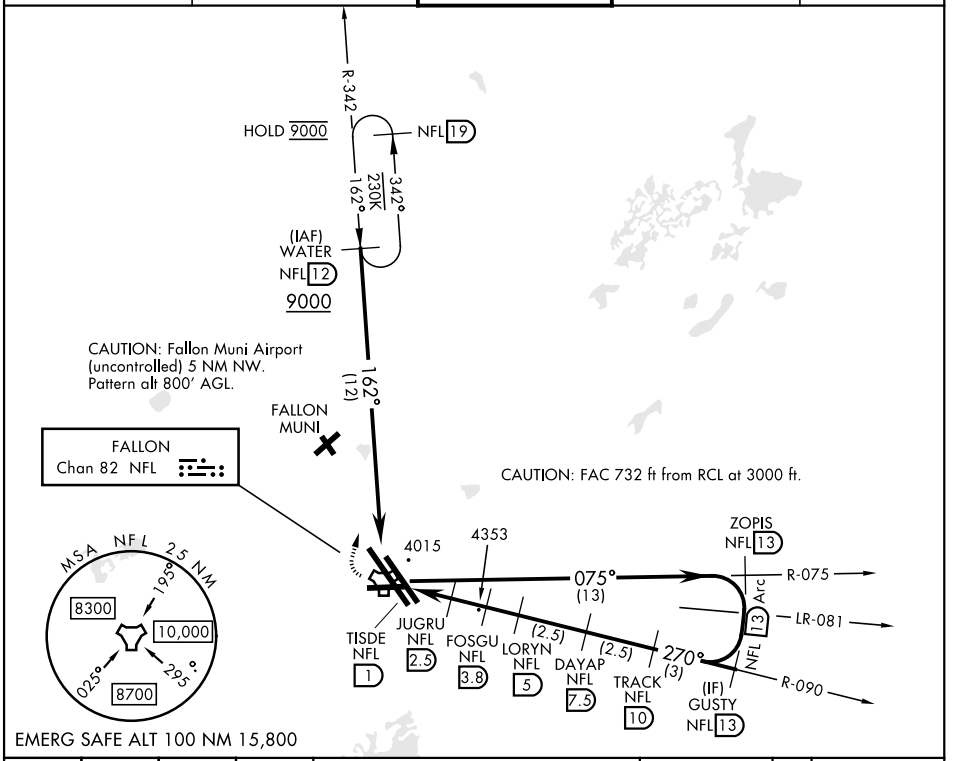
TACAN RWY 25

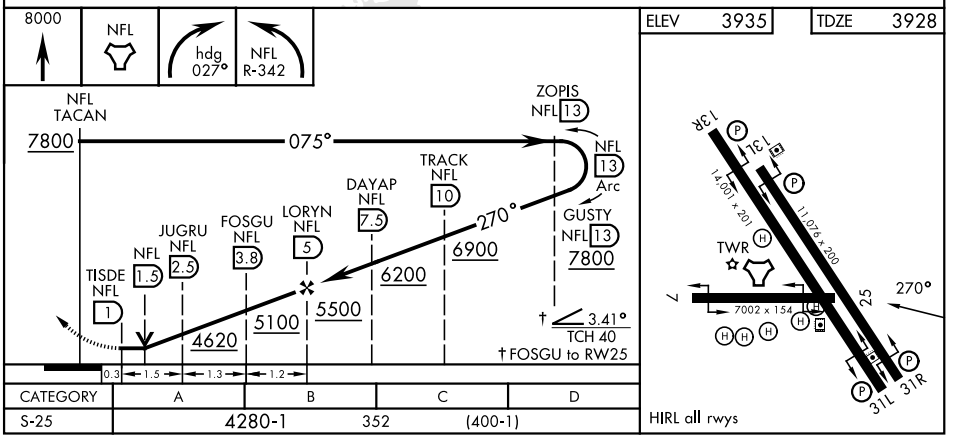
TACAN	APCH CRS	Rwy ldg	7002
NFL Chan 82	270°	TDZE	3928
		Arpt Elev	3935

[USN] FALLON NAS (VAN VOORHIS FLD) (KNFL)

MISSED APPROACH: Climb to 8000 direct NFL TACAN, and right turn on heading 027°and NFL R-342 to WATER and hold, continue climb-in-hold to 8000.

ATIS ★	NAVY FALLON APP CON ★	NAVY FALLON TOWER ★	GND CON	ASR/PAR
370.925	120.85 360.2	119.25 340.2	251.15	





FALLON, NEVADA 39°25'N-118°42'W FALLON NAS (VAN VOORHIS FLD) (KNFL)

Orig 02OCT25

TACAN RWY 25

SW-4, 03 SEP 2026 to 29 OCT 2026

FALLON, NEVADA

TACAN Y RWY 13R

TACAN	APCH CRS	Rwy ldg	TDZE	Arpt Elev
NFL Chan 82	141°	14,001	3935	3935

[USN] FALLON NAS (VAN VOORHIS FLD) (KNFL)

MISSED APPROACH: Climb to 8000 direct NFL TACAN, and left turn on heading 297° and NFL R-342 to WATER and hold, continue climb-in-hold to 8000.

ATIS ★	NAVY FALLON APP CON ★	NAVY FALLON TOWER ★	GND CON	ASR/PAR
370.925	120.85 360.2	119.25 340.2	251.15	

CAUTION:
Fallon Muni Airport
(uncontrolled) 5 NM NW.
Pattern alt 800' AGL.

CAUTION:
RCL 91' from FAC at 3000'
from threshold.

R4813A
R4813B

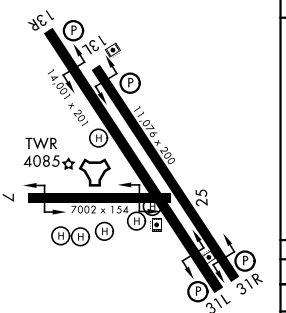
HOLD 9000
(IAF) WATER NFL 12
NFL 19
162° 230K 342°
NFL 12 Arc 6800
R-321
(IF) TYWAN NFL 12
LR-331
R-342
4607
5600
141°
FALLON MUNI
CUPIR NFL 6
4286
NUWXO NFL 1.8
WONVO NFL 3
4076
FALLON Chan 82 NFL
4125
4468
R4803

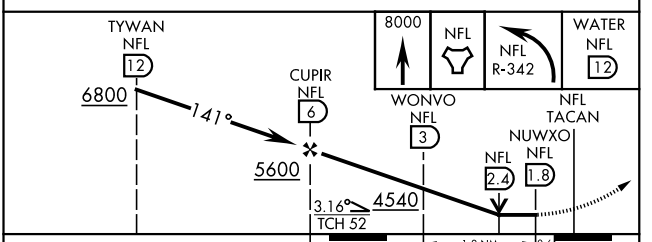
MSA NFL 25 NM
195°
8300
10,000
025°
295°
8700

EMERG SAFE ALT 100 NM 15,800

ELEV	TDZE
3935	3935

141°





CATEGORY	A	B	C	D
S-13R	4380-1 445 (500-1)		4380-1⅜ 445 (500-1⅜)	
CIRCLING	4400-1 465 (500-1)	4440-1 505 (600-1)	4780-2½ 845 (900-2½)	5120-3 1185 (1200-3)

HIRL all rwys

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FALLON, NEVADA

TACAN Y RWY 31L/R

TACAN	APCH CRS	Rwy Idg				
NFL Chan 82	297°	31L 14,001	31R 11,076	TDZE 31L 3927	31R 3928	Arpt Elev 3935

[USN] FALLON NAS (VAN VOORHIS FLD) (KNFL)

MISSED APPROACH: Climb to 8000 on NFL TACAN R-117 to NFL and right turn to intercept NFL R-342 to WATER and hold, continue climb-in-hold to 8000.

ATIS ★	NAVY FALLON APP CON ★	NAVY FALLON TOWER ★	GND CON	ASR/PAR
370.925	120.85 360.2	119.25 340.2	251.15	

HOLD 9000 NFL 19 162° 230K 342°

CAUTION: Intermediate segment 4 NM less than minimum 6 NM for CAT CD.

(IAF) WATER NFL 12

9000

WIVER NFL 10

R-342

R4813A R4813B

Rwy 31L: RCL 696 ft to final apch crs at 3000 from THLD.

Rwy 31R: RCL 304 ft to final apch crs at 3000 from THLD.

FALLON MUNI

CAUTION: Fallon Muni Airport (uncontrolled) 5NM NW PATTERN alt 800 AGL.

NFL 10 Arc 7300

FALLON Chan 82 NFL

FENAT NFL 1.3

4125 4468

CITAB NFL 3.1

MIRKE NFL 6

5700 297° 6900

BORDS NFL 10

LR-105

(IF) HAKOG NFL 10

R-117

R4803

MSA NFL 25 NM

195° 8300

10,000

025° 295°

8700

EMERG SAFE ALT 100 NM 15,800

R4812

8000 NFL R-117

NFL

NFL R-342

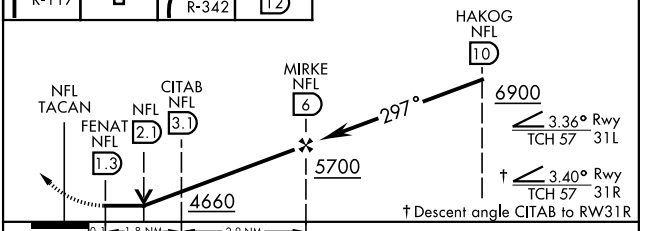
WATER NFL 12

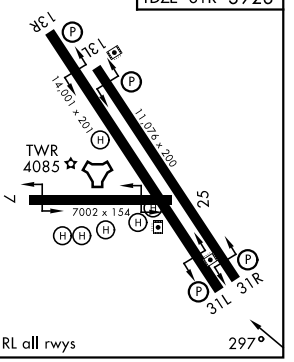
Rwy 31L VGSI and descent angles not coincident: (VGSI Angle 3.50/TCH 61).

ELEV 3935

TDZE 31L 3927

TDZE 31R 3928





CATEGORY	A	B	C	D
S-31L	4320-1 393 (400-1)		4320-1⅛ 393 (400-1⅛)	
S-31R	4320-1 393 (400-1)		4320-1⅛ 393 (400-1⅛)	
CIRCLING	4400-1 465 (500-1)	4440-1 505 (600-1)	4780-2½ 845 (900-2½)	5120-3 1185 (1200-3)

HIRL all rwys

297°

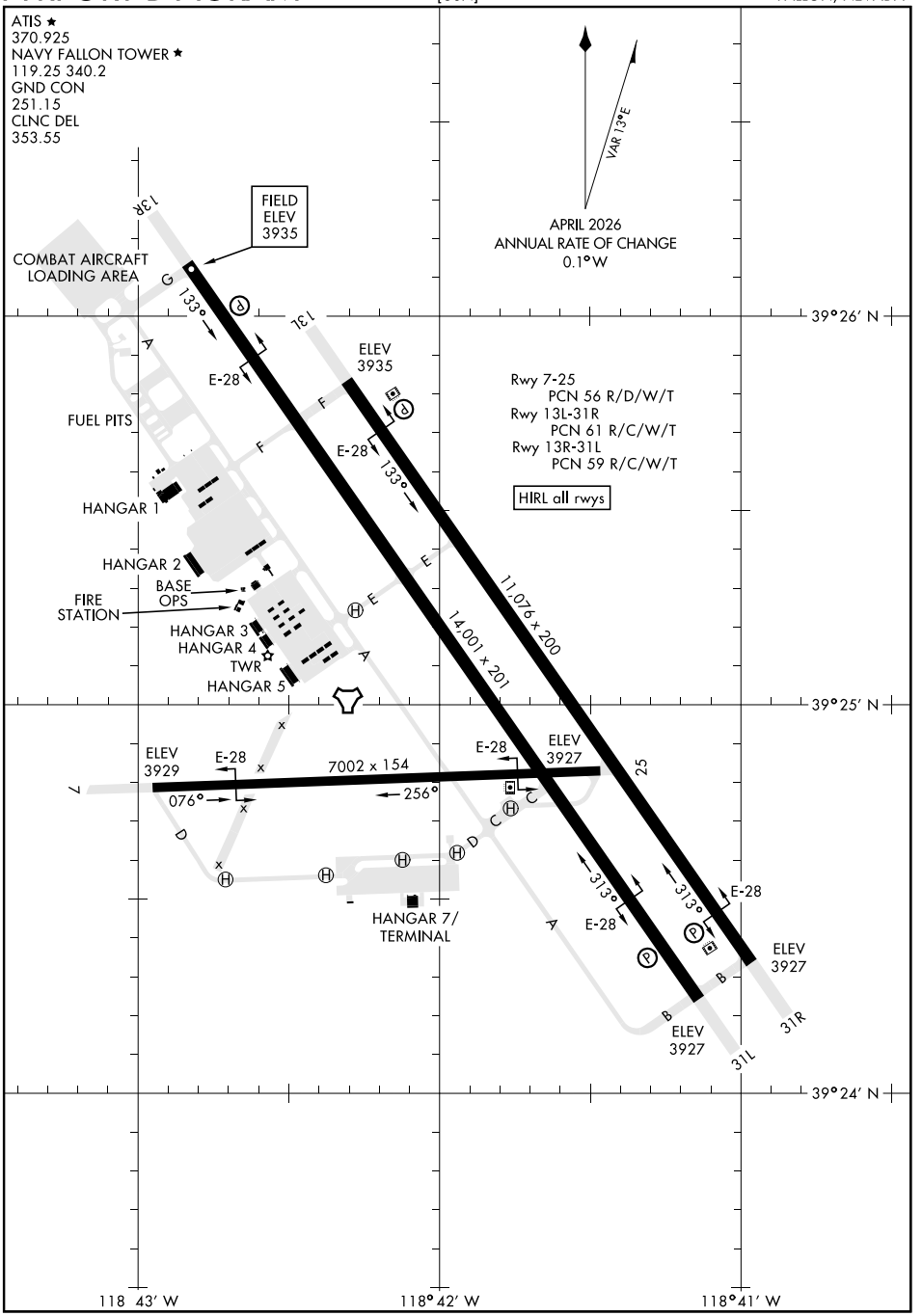
FALLON, NEVADA

39° 25'N-118° 42'W FALLON NAS (VAN VOORHIS FLD) (KNFL)

Amdt 4 02OCT25

TACAN Y RWY 31L/R

SW-4, 03 SEP 2026 to 29 OCT 2026



AIRPORT DIAGRAM
FALLON, NEVADA
FALLON NAS (VAN VOORHIS FLD) (KNFL)

25275

FALLON NAS (VAN VOORHIS FLD) (KNFL)

FALLON-ONE DEPARTURE (NFL1.NFL)

[USN]

FALLON, NEVADA

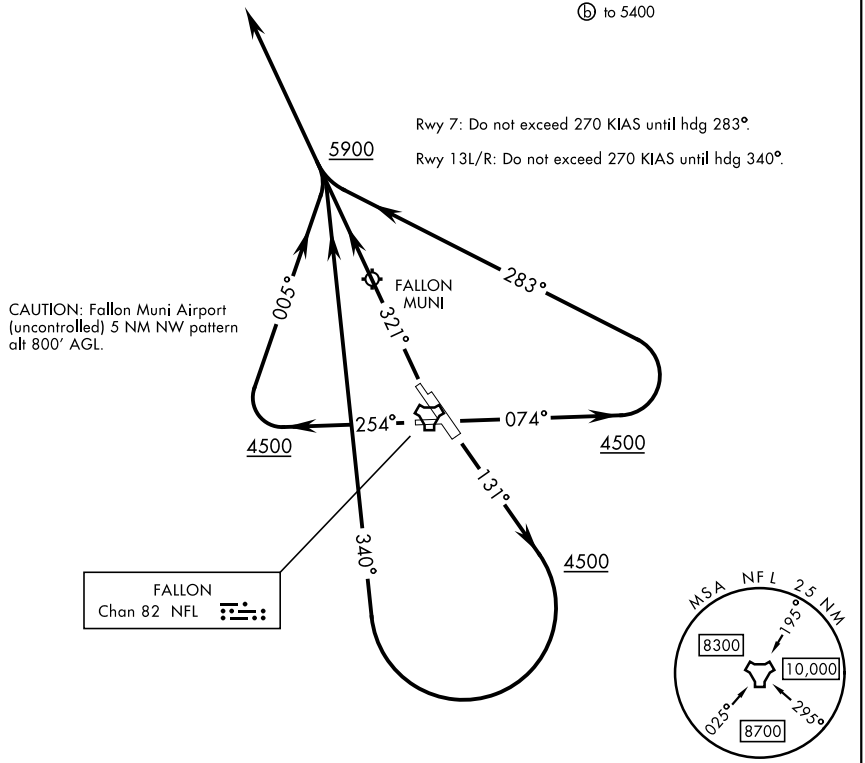
ATIS 370.925 ★
GND CON
251.15
NAVY FALLON TOWER ★
119.25 340.2
NAVY FALLON DEP CON ★
120.85 360.2

RADAR required

TOP ALTITUDE: ASSIGNED BY ATC

Rwy	Knots	60	120	180	240	300	360
7 ⓐ	V/V(fpm)	276	552	828	1104	1380	1656
13L/R ⓑ	V/V(fpm)	211	422	633	844	1055	1266

Minimum Climb Rate
ⓐ to 5200
ⓑ to 5400



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 7: Climb heading 074° to 4500, then climbing left turn heading 283°, maintain 5900 or ATC assigned altitude, thence...

TAKEOFF RWY 13 L/R: Climb on heading 131° to 4500, then climbing right turn heading 340°, maintain 5900 or ATC assigned altitude, thence...

TAKEOFF RWY 25: Climb on heading 254° to 4500, then climbing right turn heading 005°, maintain 5900 or ATC assigned altutude, thence...

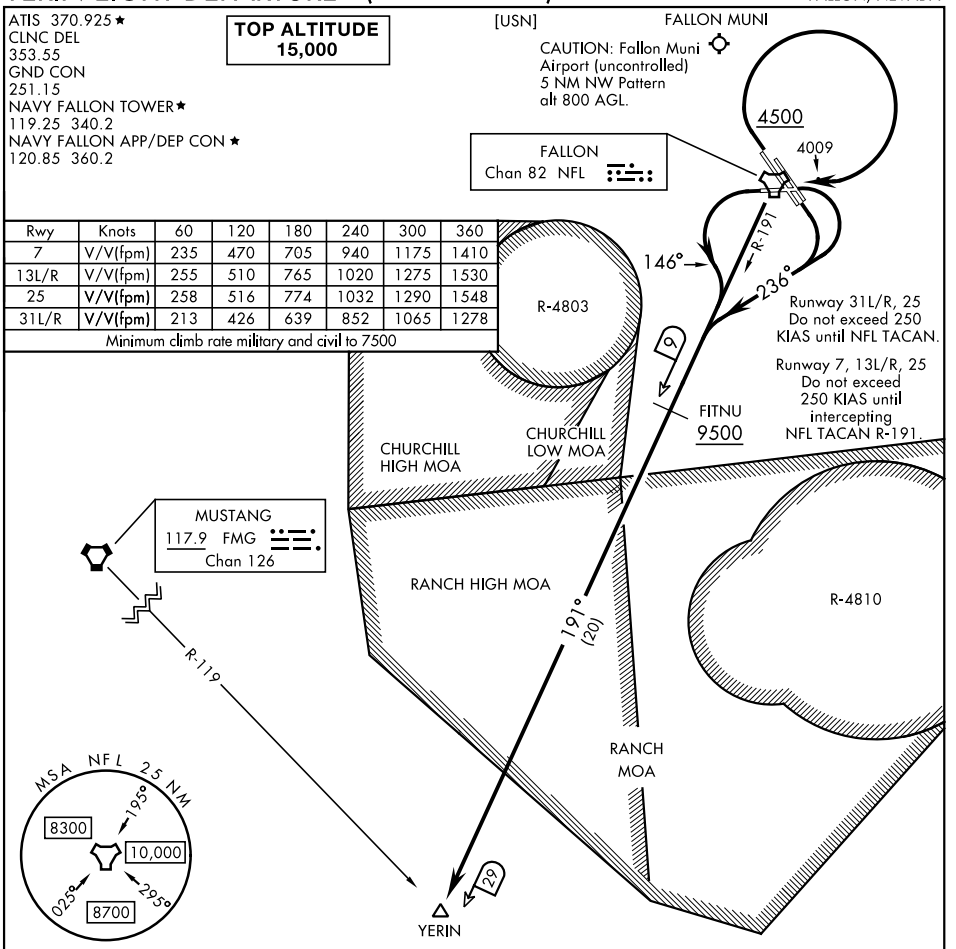
TAKEOFF RWY 31 L/R: Climb on heading 321°, maintain 5900 or ATC assigned altutude, thence...

...expect radar vectors to first enroute navaid/fix. Expect clearance to requested altitude/flight level five minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

YERIN-EIGHT DEPARTURE (YERIN8.YERIN)

FALLON, NEVADA



Rwy	Knots	60	120	180	240	300	360
7	V/V(fpm)	235	470	705	940	1175	1410
13L/R	V/V(fpm)	255	510	765	1020	1275	1530
25	V/V(fpm)	258	516	774	1032	1290	1548
31L/R	V/V(fpm)	213	426	639	852	1065	1278
Minimum climb rate military and civil to 7500							

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 7: Climb on hdg 074° , then turn right hdg 236° to intercept NFL TACAN R-191 to YERIN. Cross FITNU at or above 9500. Do not exceed 250 KIAS until intercepting NFL R-191.

TAKEOFF RWY 13L/R: Climb on hdg 131° , then right turn hdg 236° to interecpt NFL TACAN R-191 to YERIN. Cross FITNU at or above 9500. Do not exceed 250 KIAS until intercepting NFL R-191.

TAKEOFF RWY 25: Climb on hdg 254°, then left turn hdg 146° to intercept NFL TACAN R-191 to YERIN. Cross FITNU at or above 9500. Do not exceed 250 KIAS until intercepting NFL R-191.

TAKEOFF RWY 31L/R: Climb on hdg 311° to 4500, then climbing right turn to NFL TACAN, intercept NFL R-191 to YERIN. Cross FITNU at or above 9500. Do not exceed 250 KIAS until NFL TACAN.

YERIN-EIGHT DEPARTURE (YERIN8.YERIN)
FALLON, NEVADA

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FILLMORE, UTAH | AL-10425 (FAA) | 26022

WAAS CH **42917** **W04A**	APP CRS **041°**	Rwy Ldg **5040** TDZE **4957** Apt Elev **4985**

RNAV (GPS) RWY 4

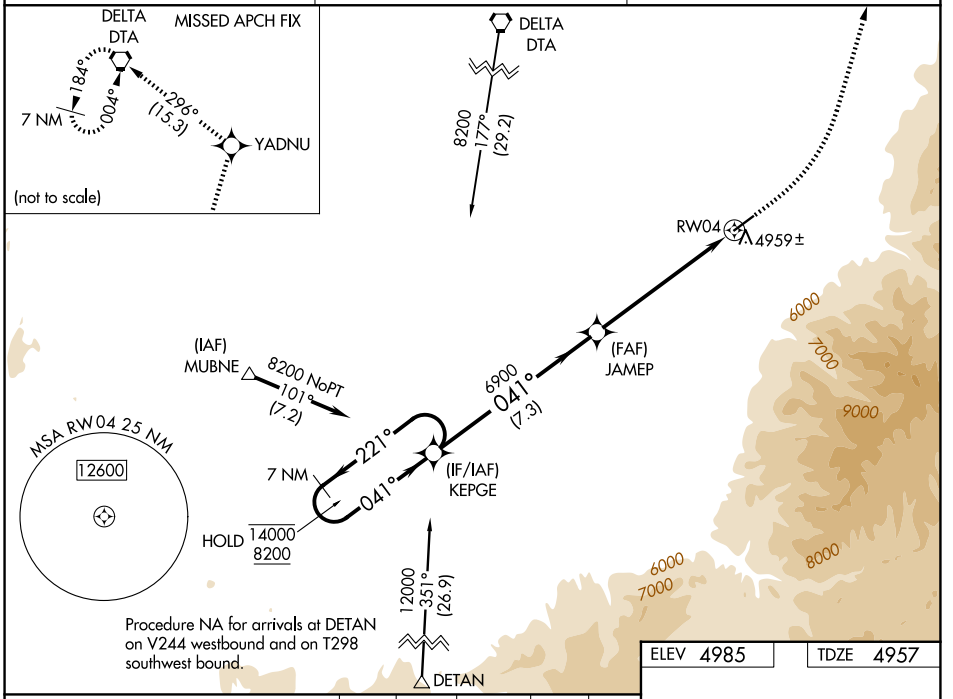
FILLMORE MUNI (FOM)

RNP APCH.

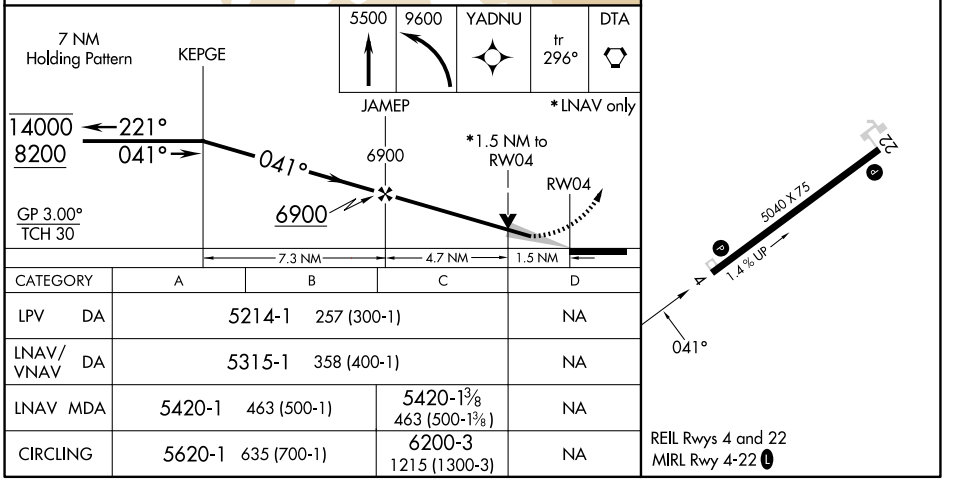
For uncompensated Baro-VNAV systems, procedure NA below -24°C or above 54°C.

MISSED APPROACH: Climb to 5500 then climbing left turn to 9600 direct YADNU and on track 296° to DTA VORTAC and hold.

AWOS-3PT	SALT LAKE CITY CENTER	UNICOM
133.775	**125.575 379.275**	**122.8** (CTAF) L



ELEV 4985	TDZE 4957



CATEGORY	A	B	C	D
LPV DA	5214-1 257 (300-1)			NA
LNAV/VNAV DA	5315-1 358 (400-1)			NA
LNAV MDA	5420-1 463 (500-1)		5420-1⅜ 463 (500-1⅜)	NA
CIRCLING	5620-1 635 (700-1)		6200-3 1215 (1300-3)	NA

REIL Rwys 4 and 22
MIRL Rwy 4-22 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 22

FILLMORE MUNI (FOM)

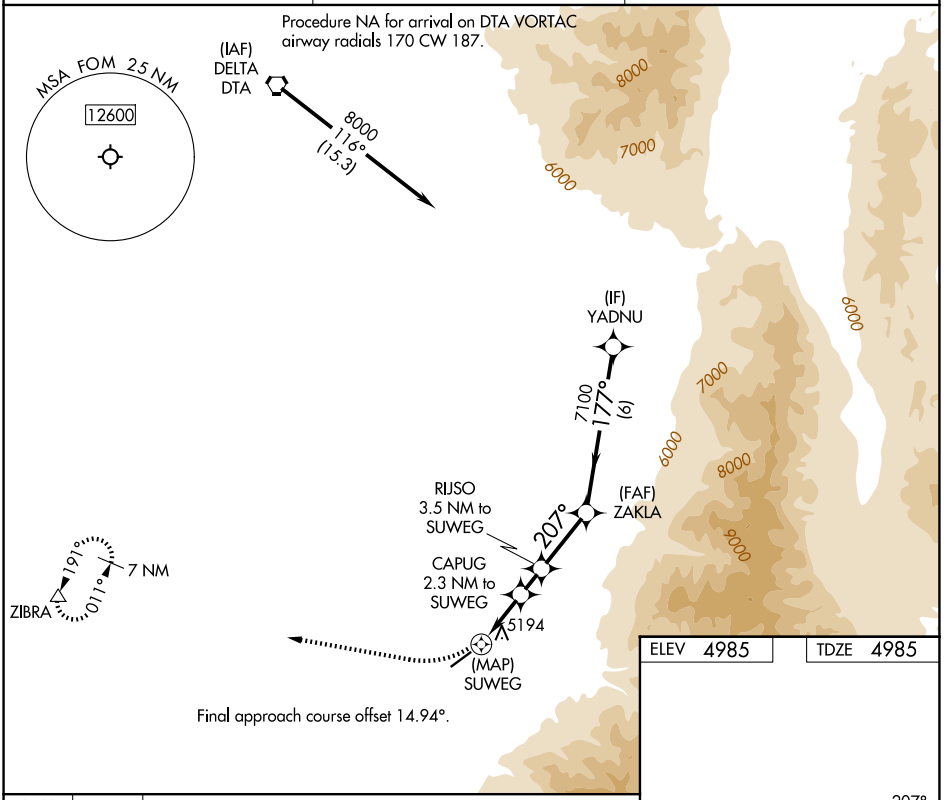
APP CRS	Rwy Ldg	5040
207°	TDZE	4985
	Apt Elev	4985

RNP APCH.

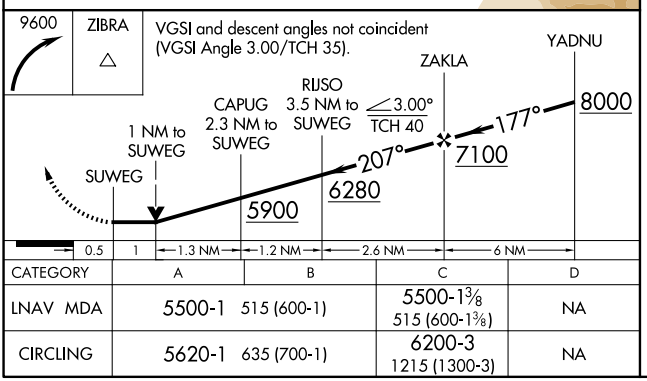
Rwy 22 helicopter visibility reduction below ¾ SM NA.

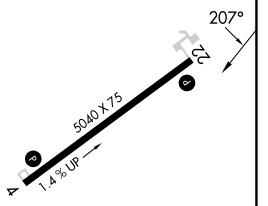
MISSED APPROACH: Climbing right turn to 9600 direct ZIBRA and hold, continue climb-in-hold to 9600.

AWOS-3PT	SALT LAKE CITY CENTER	UNICOM
133.775	125.575 379.275	122.8 (CTAF) L



ELEV	4985	TDZE	4985





CATEGORY	A	B	C	D
LNAV MDA	5500-1 515 (600-1)		5500-1⅜ 515 (600-1⅜)	NA
CIRCLING	5620-1 635 (700-1)		6200-3 1215 (1300-3)	NA

REIL Rwys 4 and 22
MIRL Rwy 4-22 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FLAGSTAFF, ARIZONA AL-5034 (FAA) 26246

LOC I-FLG	APP CRS	Rwy Ldg / TDZE / Apt Elev
110.5	214°	7000 / 7003 / 7014

ILS or LOC RWY 21

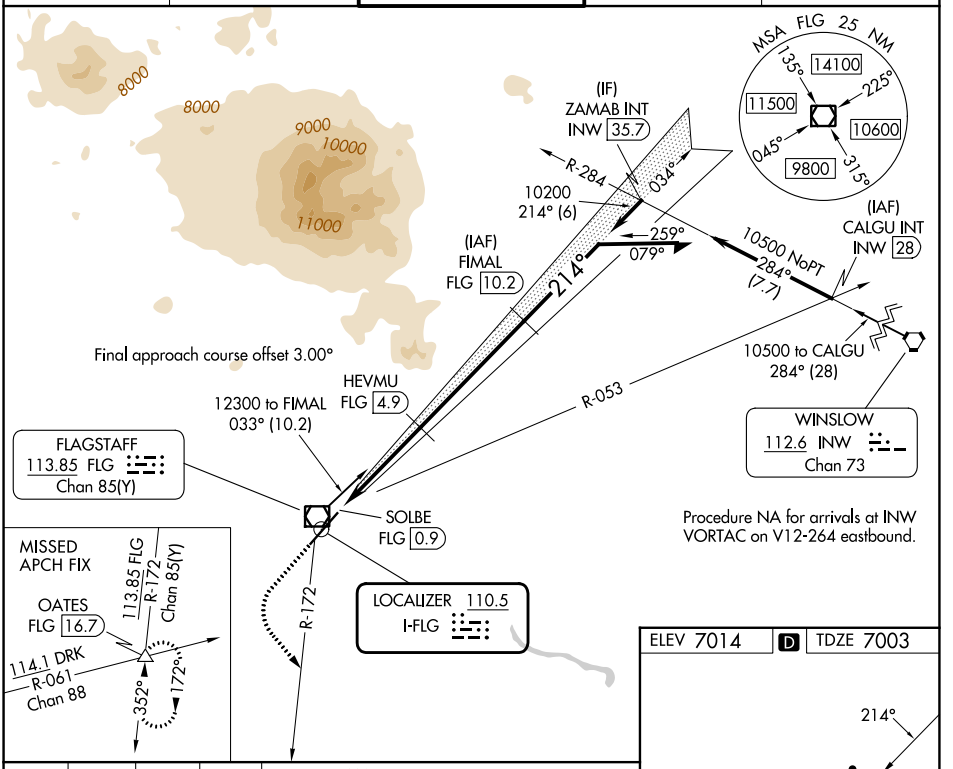
FLAGSTAFF PULLIAM (FLG)

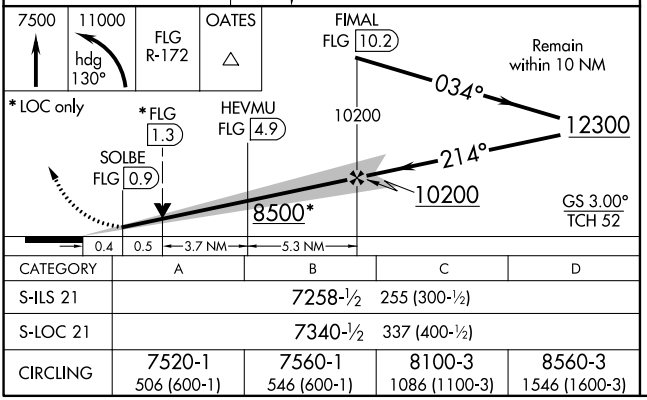
T A Autopilot coupled approach NA below 7640 feet. DME required. DME from FLG VOR/DME. Simultaneous reception of I-FLG and FLG DME required. For inop ALS increase S-ILS 21 all Cats visibility to ⅞.

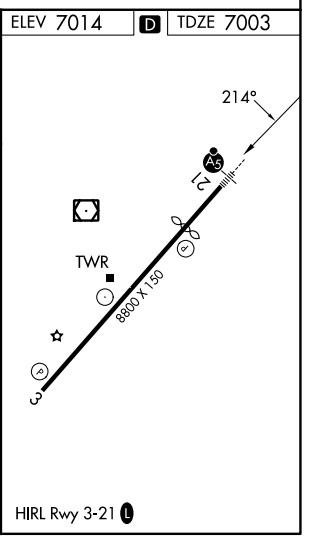
MALSR

MISSED APPROACH: Climb to 7500, then climbing left turn to 11000 on heading 130° and FLG R-172 to OATES INT/FLG VOR/DME 16.7 DME and hold, continue climb-in-hold to 11000.

ATIS	PHOENIX APP CON	FLAGSTAFF TOWER ★	GND CON	UNICOM
125.8	126.375 236.775	134.55 (CTAF) L 239.25	121.9	122.95







CATEGORY	A	B	C	D
S-ILS 21	7258-½ 255 (300-½)			
S-LOC 21	7340-½ 337 (400-½)			
CIRCLING	7520-1 506 (600-1)	7560-1 546 (600-1)	8100-3 1086 (1100-3)	8560-3 1546 (1600-3)

HIRL Rwy 3-21 L

FLAGSTAFF, ARIZONA
Amdt 1 07DEC17

35°08′N-111°40′W

FLAGSTAFF PULLIAM (FLG)

ILS or LOC RWY 21

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

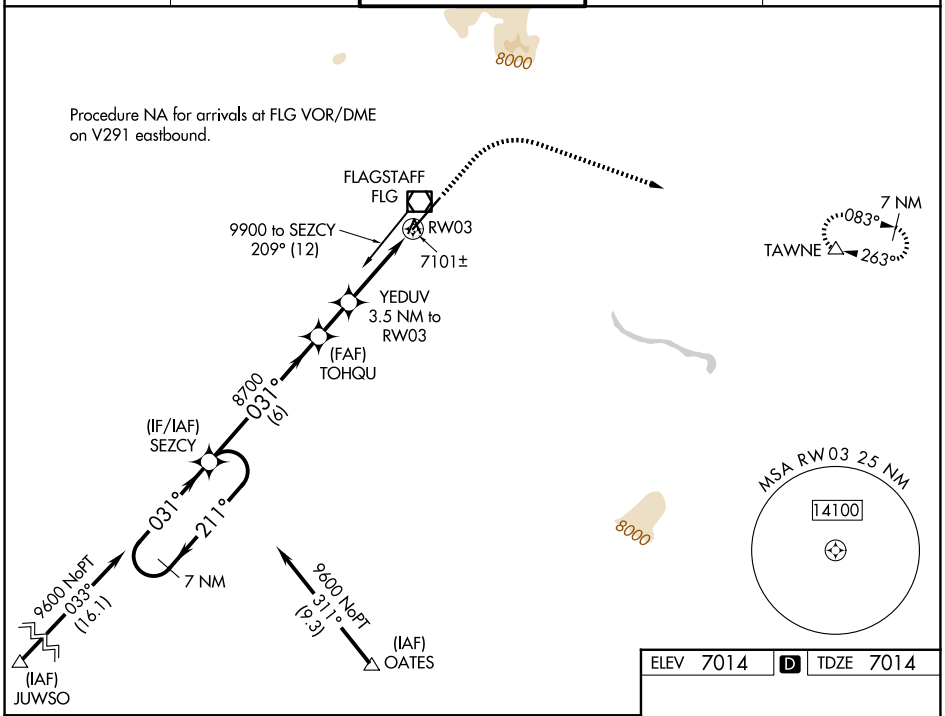
WAAS CH 45718 W03A	APP CRS 031°	Rwy Ldg 8800 TDZE 7014 Apt Elev 7014

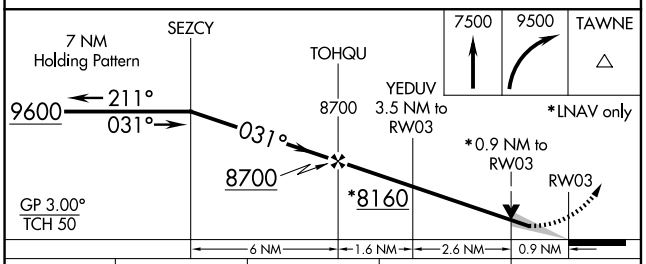
RNAV (GPS) RWY 3
FLAGSTAFF PULLIAM (FLG)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 44°C (112°F). DME/DME RNP-0.3 NA.

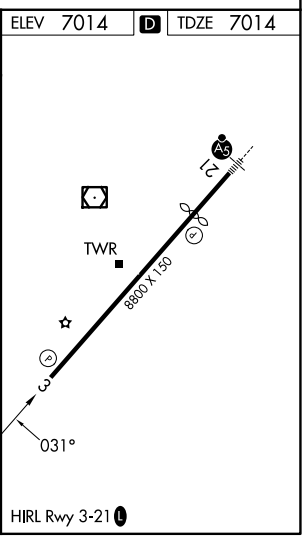
MISSED APPROACH: Climb to 7500 then climbing right turn to 9500 direct TAWNE and hold.

ATIS	PHOENIX APP CON	FLAGSTAFF TOWER*	GND CON	UNICOM
125.8	126.375 236.775	134.55 (CTAF) L 239.25	121.9	122.95





CATEGORY	A	B	C	D
LPV DA	7264-¾ 250 (300-¾)			
LNAV/VNAV DA	7282-⅞ 268 (300-⅞)			
LNAV MDA	7360-1 346 (400-1)			
CIRCLING	7520-1 506 (600-1)	7560-1 546 (600-1)	8100-3 1086 (1100-3)	8560-3 1546 (1600-3)



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FLAGSTAFF, ARIZONA | AL-5034 (FAA) | 25331

WAAS CH 99341 W21A	APP CRS 214°	Rwy Ldg 7000 TDZE 7003 Apt Elev 7014

RNAV (GPS) RWY 21

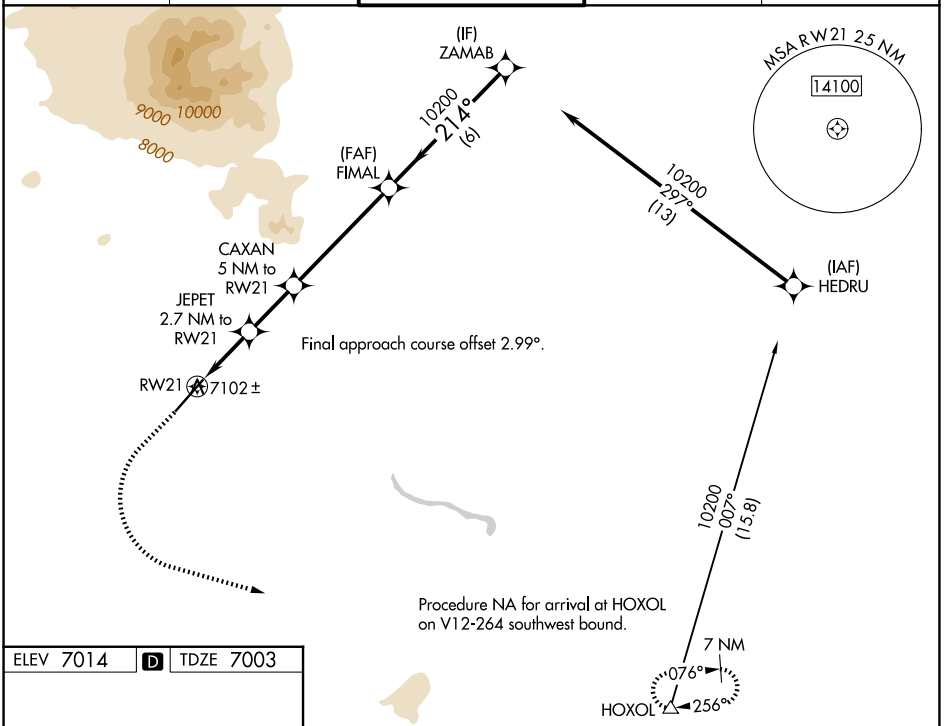
FLAGSTAFF PULLIAM (FLG)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19 °C (2°F) or above 44°C (111°F). DME/DME RNP-0.3 NA. For inop ALS, increase LPV all Cats visibility to ⅞ SM.

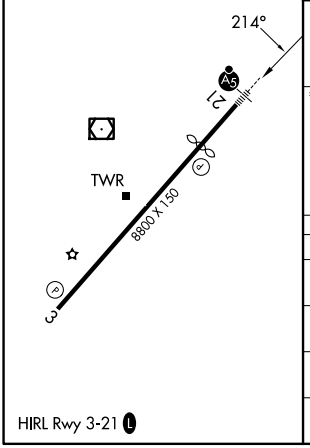
MALSR

MISSED APPROACH: Climb to 7500 then climbing left turn to 10800 direct HOXOL and hold.

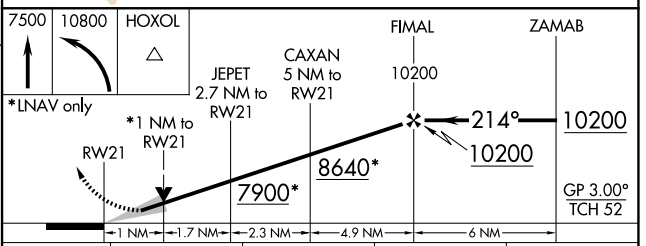
ATIS	PHOENIX APP CON	FLAGSTAFF TOWER ★	GND CON	UNICOM
125.8	126.375 236.775	134.55 (CTAF) L 239.25	121.9	122.95



ELEV 7014 | D | TDZE 7003



HIRL Rwy 3-21 L



CATEGORY	A	B	C	D
LPV DA	7258-½ 255 (300-½)			
LNAV/VNAV DA	7319-⅝ 316 (400-⅝)			
LNAV MDA	7360-½ 357 (400-½)		7360-⅝ 357 (400-⅝)	
CIRCLING	7520-1 506 (600-1)	7560-1 546 (600-1)	8100-3 1086 (1100-3)	8560-3 1546 (1600-3)

FLAGSTAFF, ARIZONA
Orig 07DEC17

35°08'N-111°40'W

FLAGSTAFF PULLIAM (FLG)
RNAV (GPS) RWY 21

SW-4, 03 SEP 2026 to 29 OCT 2026

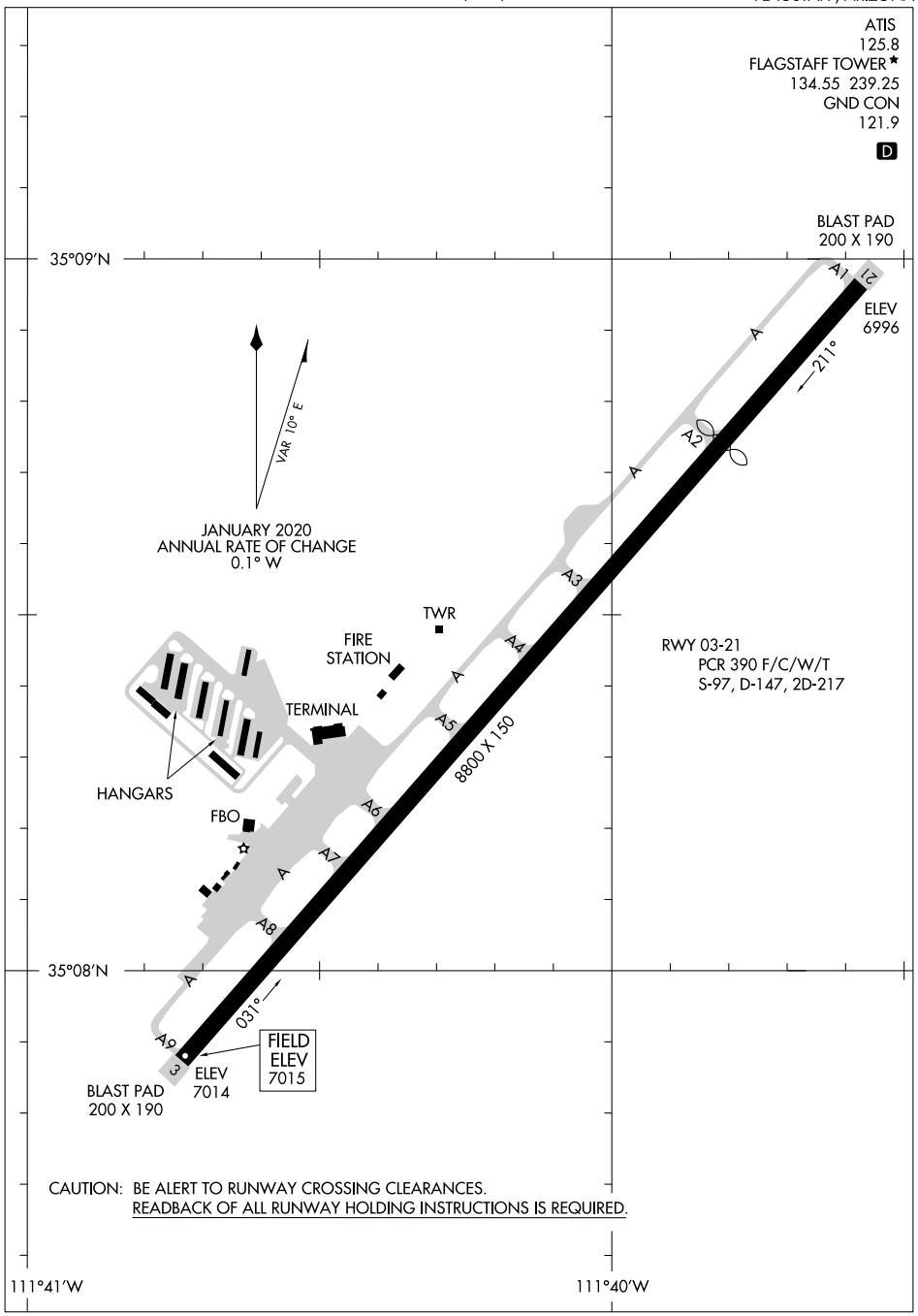
SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

AL-5034 (FAA)

FLAGSTAFF PULLIAM (FLG)

FLAGSTAFF, ARIZONA



SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

FLAGSTAFF, ARIZONA
FLAGSTAFF PULLIAM (FLG)

26134

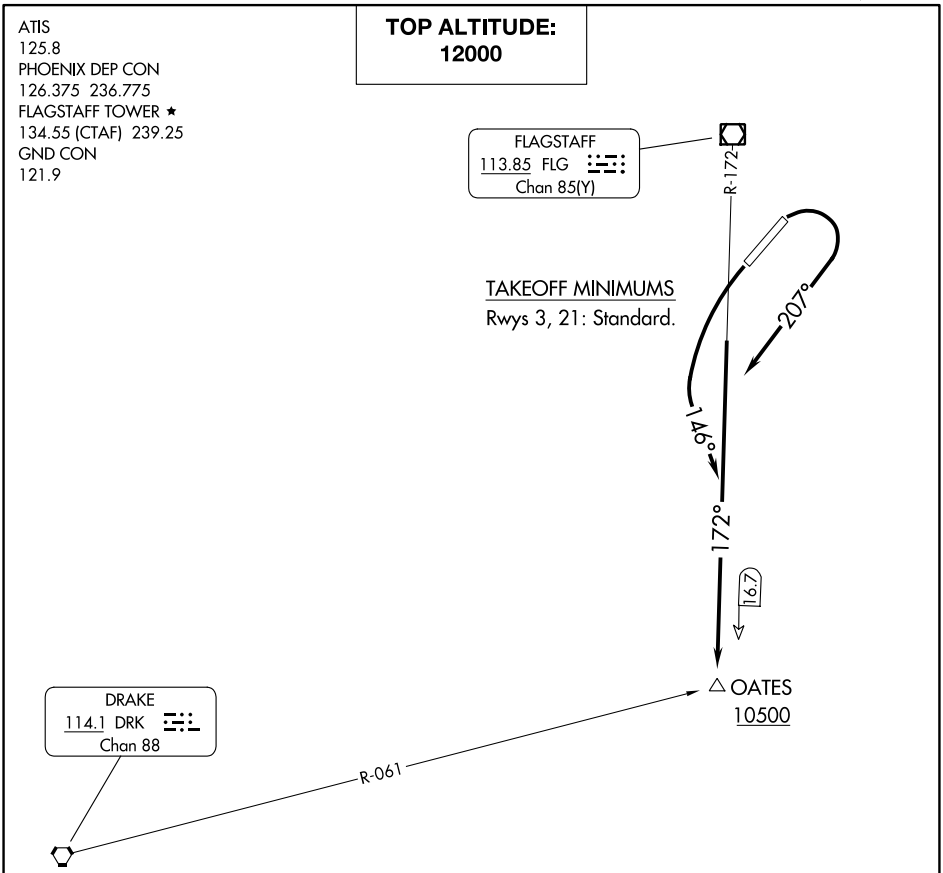
(FLG1.OATES) 26246

FLAGSTAFF ONE DEPARTURE

AL-5034 (FAA)

FLAGSTAFF PULLIAM (FLG)
FLAGSTAFF, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing right turn heading 207° and FLG R-172 to OATES INT, cross at or above 10500, thence. . . .

TAKEOFF RUNWAY 21: Climbing left turn heading 146° and FLG R-172 to OATES INT, cross at or above 10500, thence. . . .

. . . .as assigned by ATC, continue climb to MEA/MCA for direction of flight.

ILS or LOC RWY 26

SIERRA VISTA MUNI-LIBBY AAF (FHU)

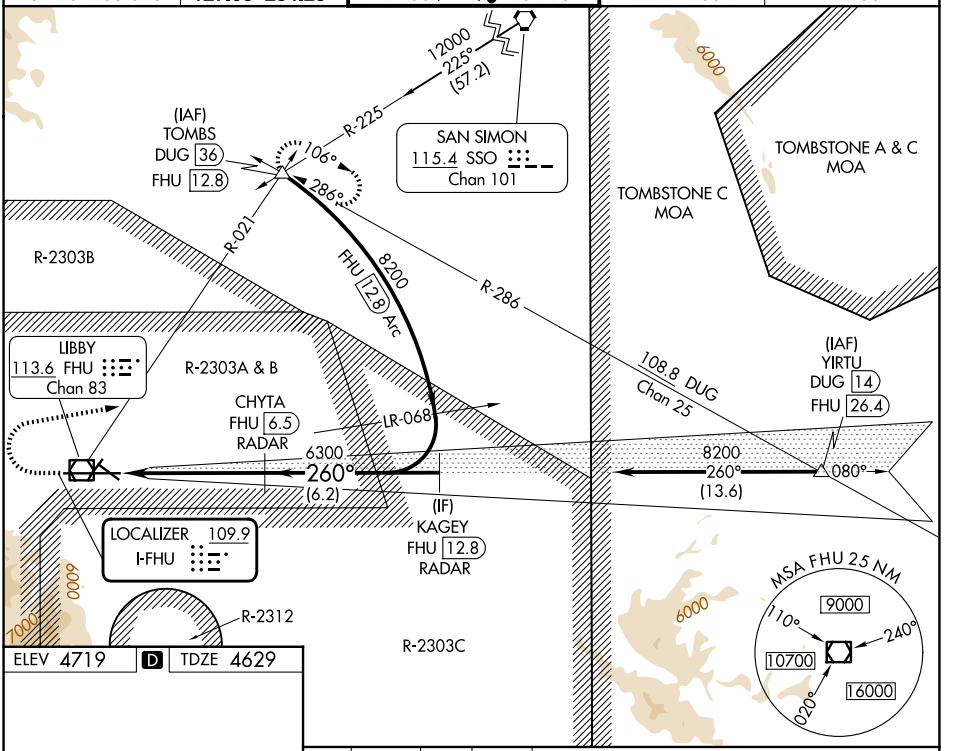
LOC I-FHU	APP CRS	Rwy Ldg	12001
109.9	260°	TDZE	4629
		Apt Elev	4719

DME or RADAR required.

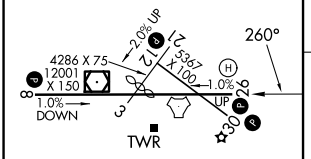
Circling NA south of Rwys 8 and 30.

MISSED APPROACH: Climb to 5300 then climbing right turn to 9500 on heading 067° and FHU VOR/DME R-021 to TOMBS INT/DUG 36 DME and hold, continue climb-in-hold to 9500.

ATIS	LIBBY AAF GCA★	LIBBY TOWER★	GND CON	UNICOM
134.75 263.025	127.05 254.25	124.95 (CTAF) L 284.75	121.7 268.7	122.95

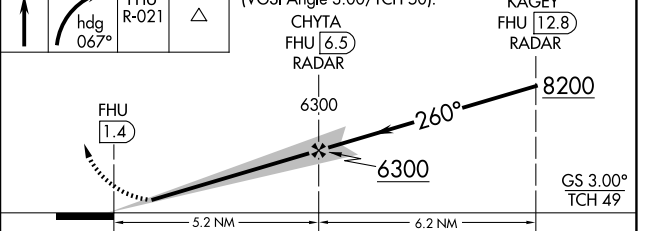


ELEV 4719	D	TDZE 4629



5300	9500	FHU R-021	TOMBS
	hdg 067°		△

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 50).



HIRL Rwy 8-26 L
MIRL Rwys 3-21 and 12-30 L

FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

CATEGORY	A	B	C	D
S-ILS 26	4829-¾ 200 (200-¾)			
S-LOC 26	5020-1 391 (400-1)		5020-1¼ 391 (400-1¼)	
CIRCLING	5160-1 441 (500-1)	5180-1 461 (500-1)	5180-1½ 461 (500-1½)	5280-2 561 (600-2)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FORT HUACHUCA SIERRA VISTA, ARIZONA AL-5081 (FAA) 26134

WAAS	APP CRS	Rwy Ldg	12001
CH 82123	080°	TDZE	4719
W08A		Apt Elev	4719

RNAV (GPS) RWY 8

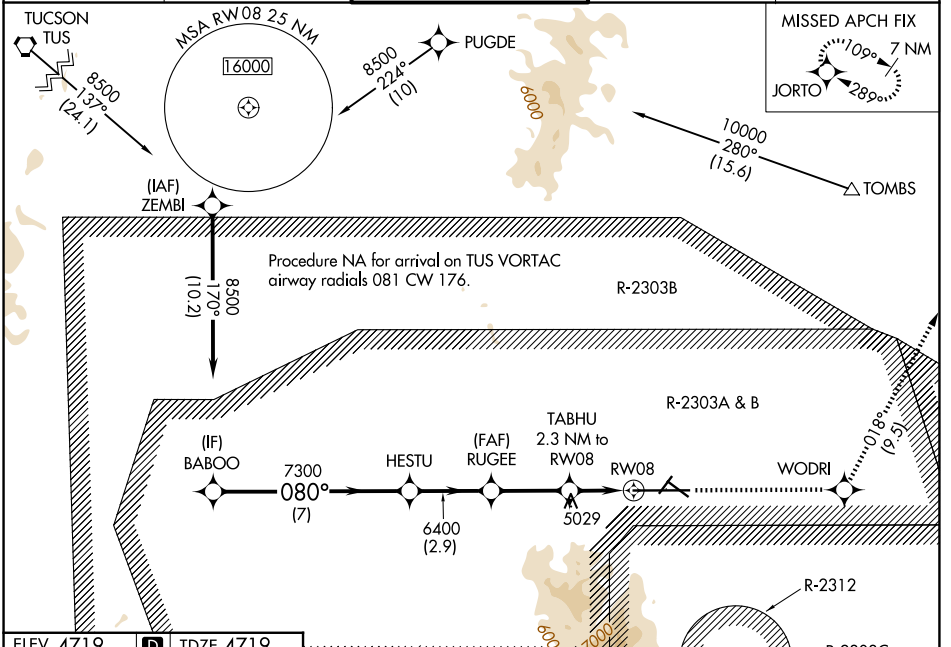
SIERRA VISTA MUNI-LIBBY AAF (FHU)

RNP APCH.

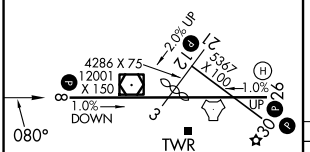
Circling NA south of Rwy 8-30. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C or above 47°C.

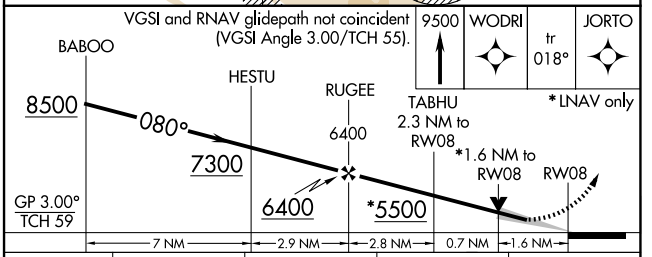
MISSED APPROACH: Climb to 9500 direct WODRI and on track 018° to JORTO and hold, continue climb-in-hold to 9500.

ATIS	LIBBY AAF GCA★	LIBBY TOWER ★	GND CON	UNICOM
134.75 263.025	127.05 254.25	124.95 (CTAF) L 284.75	121.7 268.7	122.95



ELEV 4719 D TDZE 4719





CATEGORY	A	B	C	D
LPV DA	4919-¾ 200 (200-¾)			
LNAV/VNAV DA	5059-1⅛ 340 (400-1⅛)			
LNAV MDA	5280-1 561 (600-1)		5280-1⅝ 561 (600-1⅝)	
CIRCLING	5280-1 561 (600-1)		5280-1⅝ 561 (600-1⅝)	5280-2 561 (600-2)

HIRL Rwy 8-26 L
MIRL Rwys 3-21 and 12-30 L

FORT HUACHUCA SIERRA VISTA, ARIZONA
Amdt 1D 10OCT19

31°35′N-110°21′W

SIERRA VISTA MUNI-LIBBY AAF (FHU)
RNAV (GPS) RWY 8

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 26

SIERRA VISTA MUNI-LIBBY AAF (FHU)

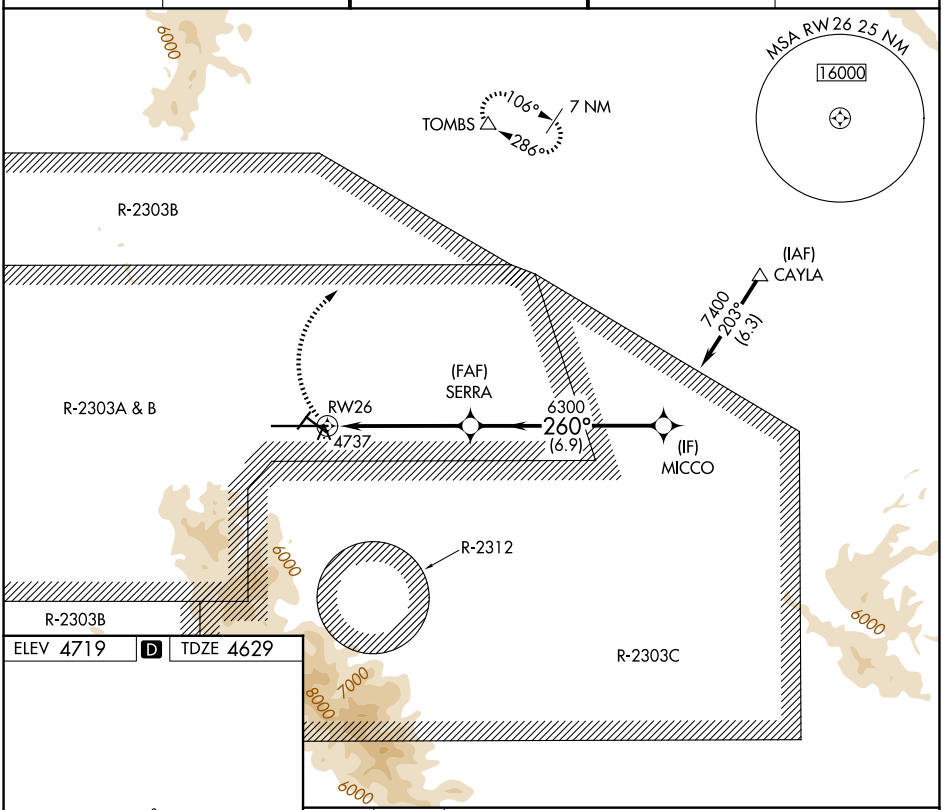
APP CRS	Rwy Ldg	12001
260°	TDZE	4629
	Apt Elev	4719

RNP APCH - GPS.

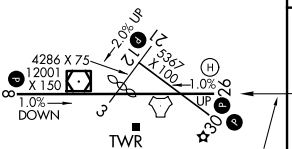
Circling NA south of runways 8 and 30.

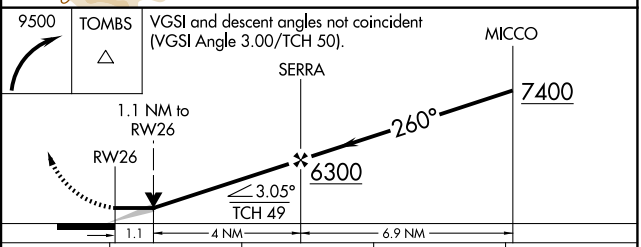
MISSED APPROACH: Climbing right turn to 9500 direct TOMBS and hold, continue climb-in-hold to 9500.

ATIS	LIBBY AAF GCA★	LIBBY TOWER★	GND CON	UNICOM
134.75 263.025	127.05 254.25	124.95 (CTAF) L 284.75	121.7 268.7	122.95



ELEV 4719 D TDZE 4629





CATEGORY	A	B	C	D
LNAV MDA	5040-1 411 (400-1)		5040-1¼ 411 (400-1¼)	
CIRCLING	5160-1 441 (500-1)	5180-1 461 (500-1)	5180-1½ 461 (500-1½)	5280-2 561 (600-2)

HIRL Rwy 8-26 L
MIRL Rwys 3-21 and 12-30 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FORT HUACHUCA SIERRA VISTA, ARIZONA | AL-5081 (FAA) | 26134

VOR/DME FHU	APP CRS	Rwy Ldg	12001
113.6	259°	TDZE	4629
Chan 83		Apt Elev	4719

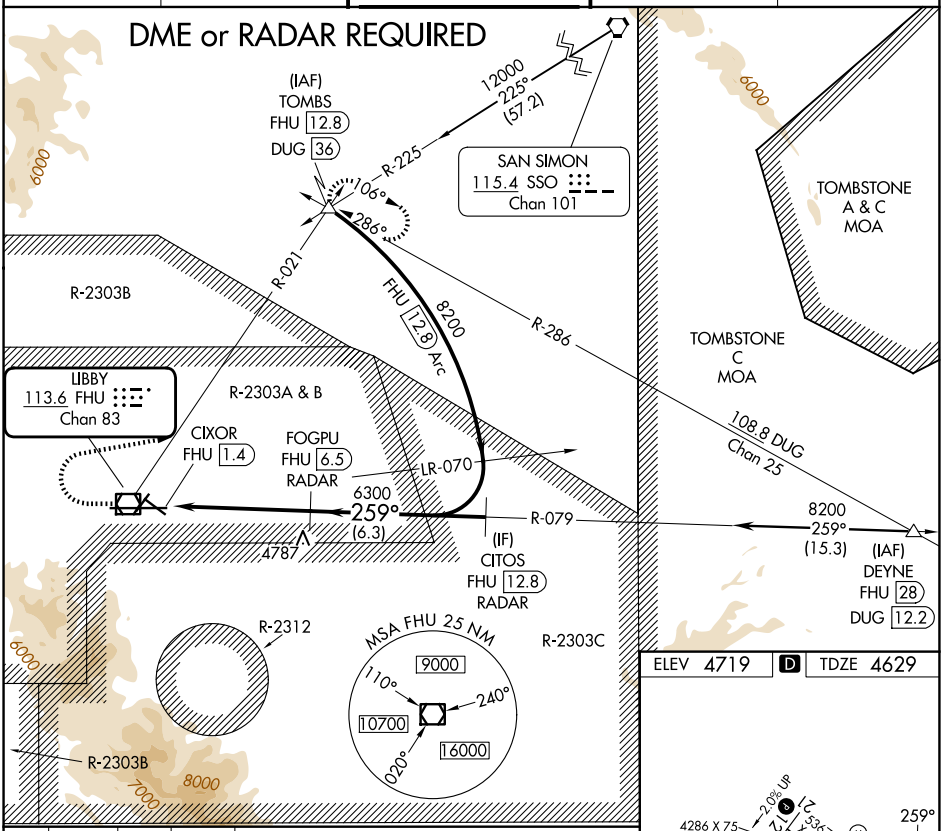
VOR RWY 26

SIERRA VISTA MUNI-LIBBY AAF (FHU)

Circling NA south of Rwys 8 and 30.
DME or RADAR required.

MISSED APPROACH: Climb to 5300 then climbing right turn to 9500 on heading 067° and FHU R-021 to TOMBS INT/ DUG 36 DME and hold, continue climb-in-hold to 9500.

ATIS	LIBBY AAF GCA★	LIBBY TOWER★	GND CON	UNICOM
134.75 263.025	127.05 254.25	124.95 (CTAF) L 284.75	121.7 268.7	122.95



CATEGORY	A	B	C	D
S-26	5140-1 511 (500-1)		5140-1⅝ 511 (500-1⅝)	
CIRCLING	5160-1 441 (500-1)	5180-1 461 (500-1)	5180-1⅝ 461 (500-1⅝)	5280-2 561 (600-2)

HIRL Rwy 8-26 L
MIRL Rwys 3-21 and 12-30 L

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

TACAN ARH Chan 53 (111.6)	APP CRS 081°	Rwy Ldg 12001 TDZE 4719 Apt Elev 4719

TACAN RWY 8

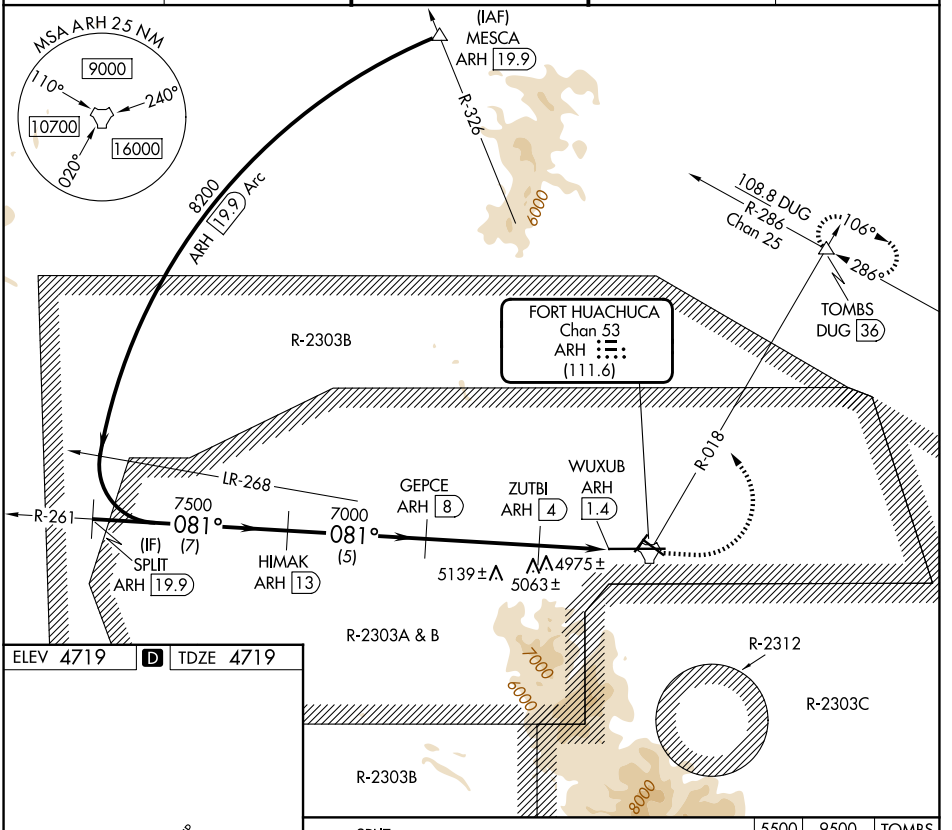
SIERRA VISTA MUNI-LIBBY AAF (FHU)

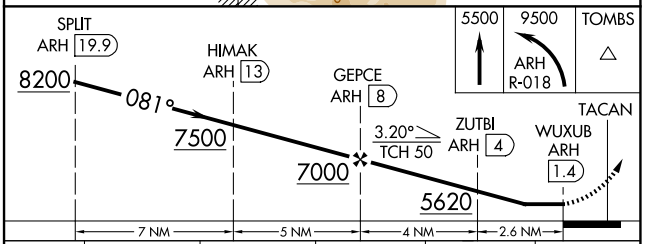
Circling NA south of Rwys 8 and 30.

MISSED APPROACH: Climb to 5500 then climbing left turn to 9500 on ARH R-018 to TOMBS INT/DUG 36 DME and hold.

ATIS	LIBBY AAF GCA★	LIBBY TOWER★	GND CON	UNICOM
134.75 263.025	127.05 254.25	124.95 (CTAF) L 284.75	121.7 268.7	122.95

SW-4, 03 SEP 2026 to 29 OCT 2026





CATEGORY	A	B	C	D	E
S-8	5260-1 541 (600-1)		5260-1½ 541 (600-1½)	5260-1¾ 541 (600-1¾)	5260-2 541 (600-2)
CIRCLING	5260-1 541 (600-1)		5260-1½ 541 (600-1½)	5280-2 561 (600-2)	

HIRL Rwy 8-26 L
MIRL Rwys 3-21 and 12-30 L

FORT HUACHUCA SIERRA VISTA, ARIZONA | AL-5081 (FAA) | 26134

TACAN ARH Chan 53 (111.6)	APP CRS 251°	Rwy Ldg 12001 TDZE 4629 Apt Elev 4719

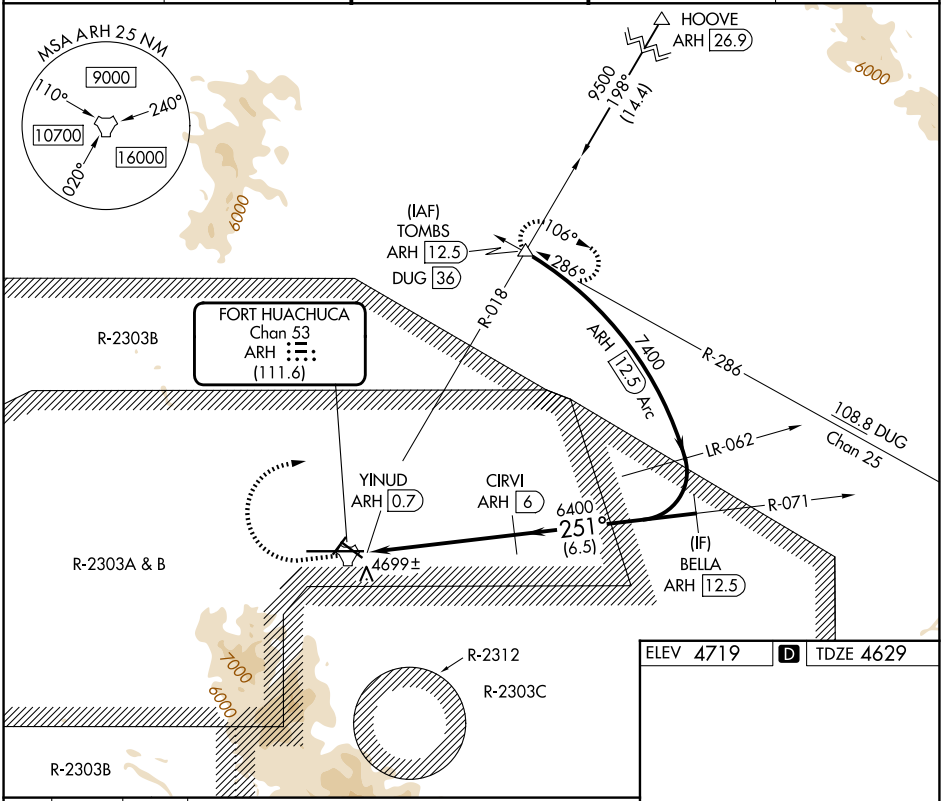
TACAN RWY 26

SIERRA VISTA MUNI-LIBBY AAF (FHU)

T A — Circling NA south of Rwys 8 and 30.

MISSED APPROACH: Climb to 5300 then climbing right turn to 9500 on ARH R-018 to TOMBS INT/DUG 36 DME and hold.

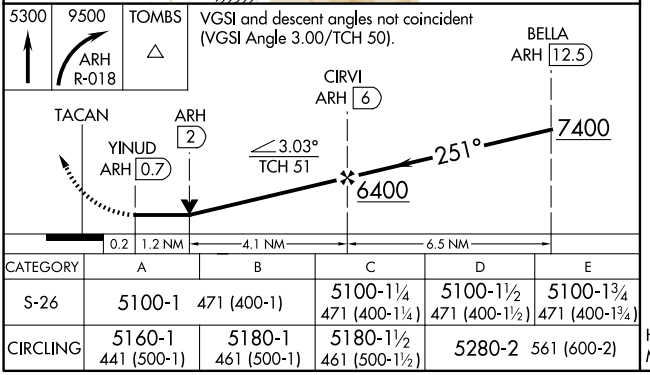
ATIS	LIBBY AAF GCA★	LIBBY TOWER ★	GND CON	UNICOM
134.75 263.025	127.05 254.25	124.95 (CTAF) L 284.75	121.7 268.7	122.95



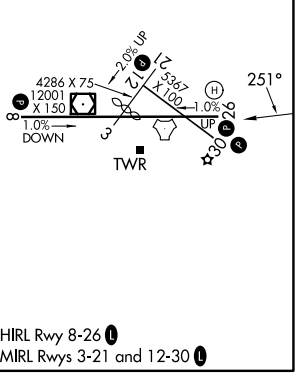
SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ELEV 4719 D TDZE 4629



CATEGORY	A	B	C	D	E
S-26	5100-1 471 (400-1)		5100-1¼ 471 (400-1¼)	5100-1½ 471 (400-1½)	5100-1¾ 471 (400-1¾)
CIRCLING	5160-1 441 (500-1)	5180-1 461 (500-1)	5180-1½ 461 (500-1½)	5280-2 561 (600-2)	



HIRL Rwy 8-26 L
MIRL Rwys 3-21 and 12-30 L

FORT HUACHUCA SIERRA VISTA, ARIZONA
Amdt 1B 21MAY20

31°35′N-110°21′W

SIERRA VISTA MUNI-LIBBY AAF (FHU)

TACAN RWY 26

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

GLENDALE, ARIZONA AL-6915 (FAA) 26190

WAAS CH 90306 W01A	APP CRS 014°	Rwy Ldg 6279 TDZE 1049 Apt Elev 1071

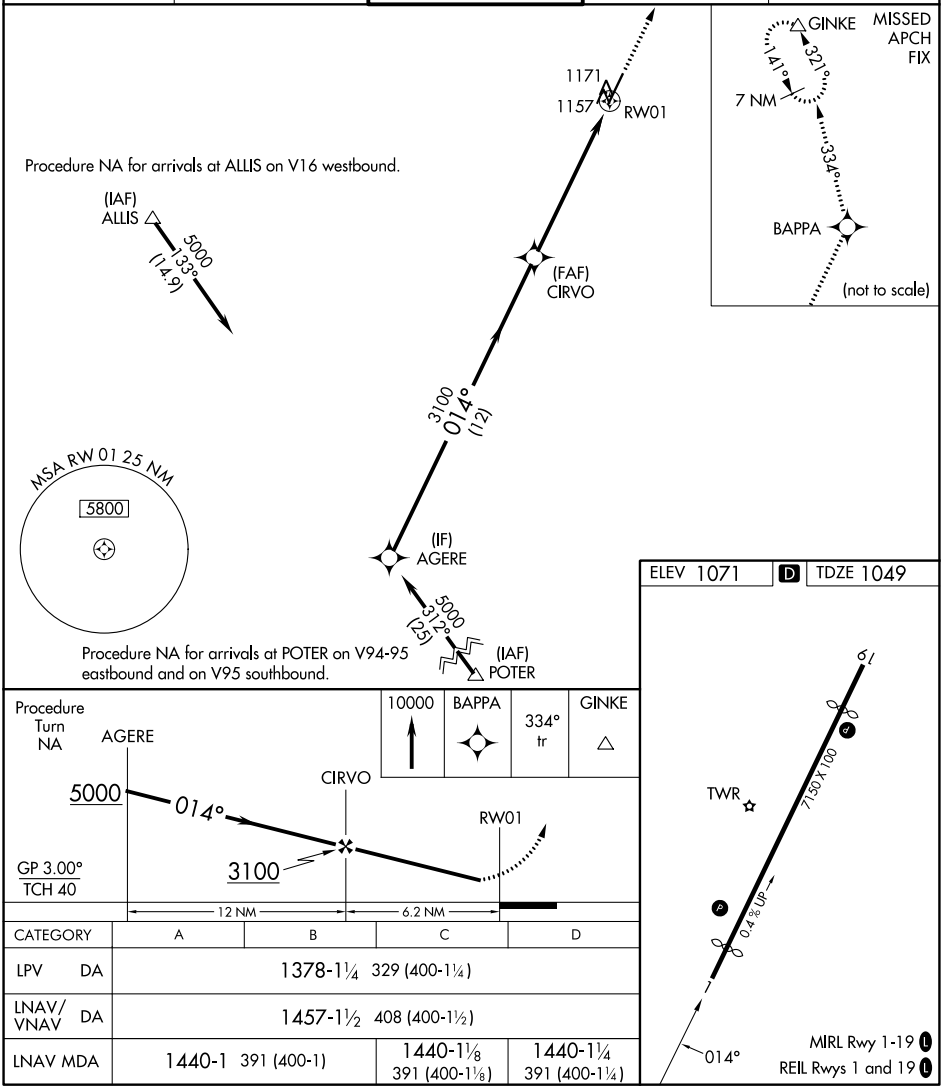
RNAV (GPS) RWY 1
GLENDALE RGNL (GEU)

RNP APCH.

T A Baro-VNAV NA when using Phoenix Sky Harbor Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 47°C. When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting: increase LPV DA to 1438 feet; increase LNAV/VNAV DA to 1517 feet and all visibilities ¼ SM; increase all MDA 60 feet and LNAV Cat C and D visibility ¼ SM. Night landing: Rwy 1, Cat C and D operational VGSI required, remain on or above VGSI glidepath until threshold. Rwy 1 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 10000 direct BAPPA and on 334° track to GINKE and hold, continue climb-in-hold to 10000.

ATIS	LUKE APP CON ★	GLENDALE TOWER ★	GND CON	UNICOM
119.425	118.15 363.125	121.0 (CTAF) L	118.0	122.95



CATEGORY	A	B	C	D
LPV DA	1378-1¼ 329 (400-1¼)			
LNAV/VNAV DA	1457-1½ 408 (400-1½)			
LNAV MDA	1440-1 391 (400-1)		1440-1⅛ 391 (400-1⅛)	1440-1¼ 391 (400-1¼)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH 87004 W19A	APP CRS 194°	Rwy Ldg 6115 / TDZE 1065 / Apt Elev 1071

RNAV (GPS) RWY 19

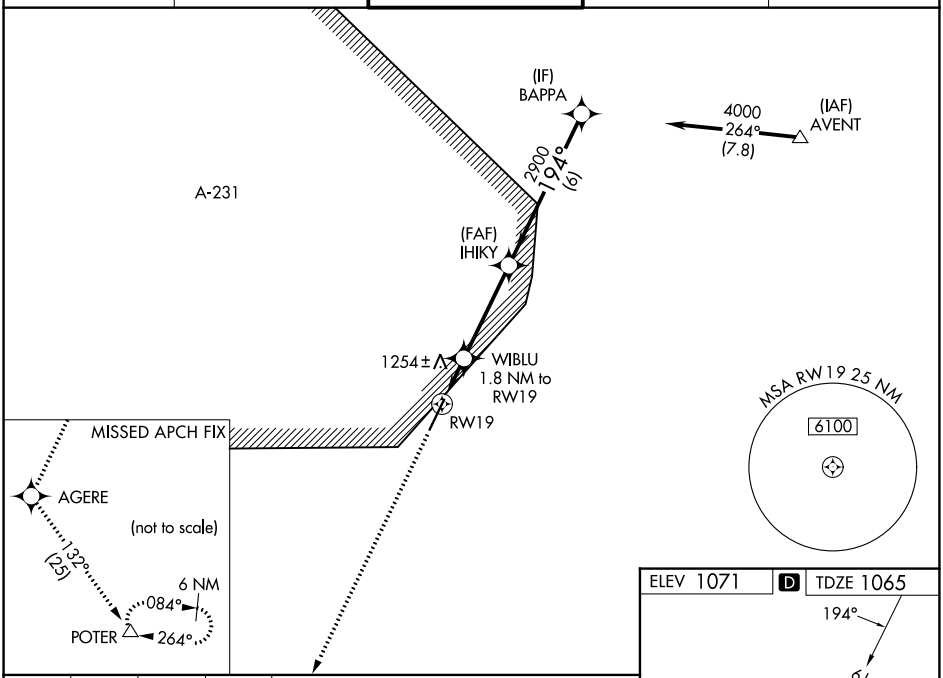
GLENDALE RGNL (GEU)

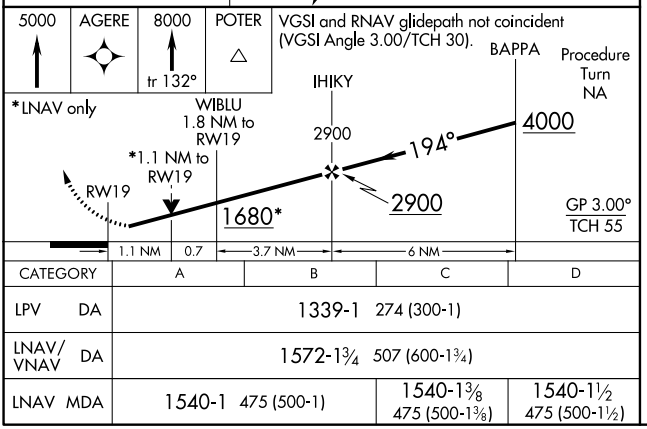
RNP APCH.

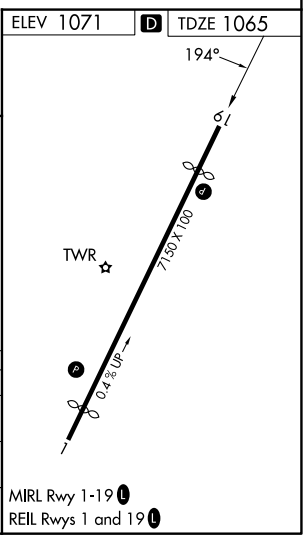
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 47°C. Rwy 19 helicopter visibility reduction below ¾ SM NA. VDP and Baro-VNAV NA when using Phoenix Sky Harbor Intl altimeter setting. When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting: increase LPV DA to 1384 feet; increase LNAV/VNAV DA to 1617 feet and all Cats visibility ¼ SM; increase all MDA 60 feet and LNAV Cat C and D visibility ¼ SM.

MISSED APPROACH: Climb to 5000 direct AGERE then climb to 8000 on track 132° to POTER and hold.

ATIS	LUKE APP CON★	GLENDALE TOWER★	GND CON	UNICOM
119.425	118.15 363.125	121.0 (CTAF) L	118.0	122.95







CATEGORY	A	B	C	D
LPV DA	1339-1 274 (300-1)			
LNAV/VNAV DA	1572-1¾ 507 (600-1¾)			
LNAV MDA	1540-1 475 (500-1)		1540-1⅜ 475 (500-1⅜)	1540-1½ 475 (500-1½)

MIRL Rwy 1-19 L
REIL Rwys 1 and 19 L

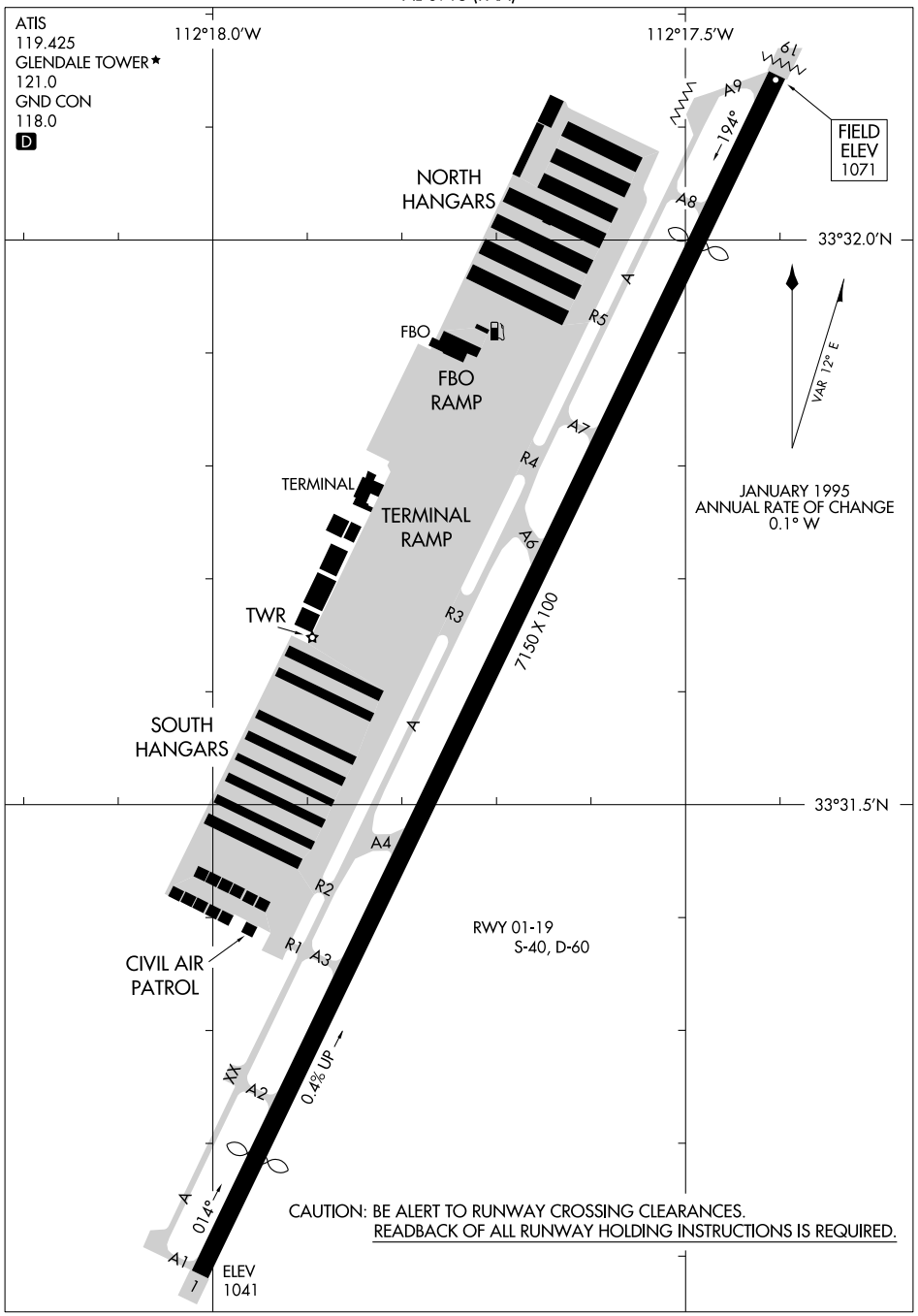
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26190

AIRPORT DIAGRAM

AL-6915 (FAA)

GLENDALE RGNL (GEU)
GLENDALE, ARIZONA



AIRPORT DIAGRAM
26190

GLENDALE, ARIZONA
GLENDALE RGNL (GEU)

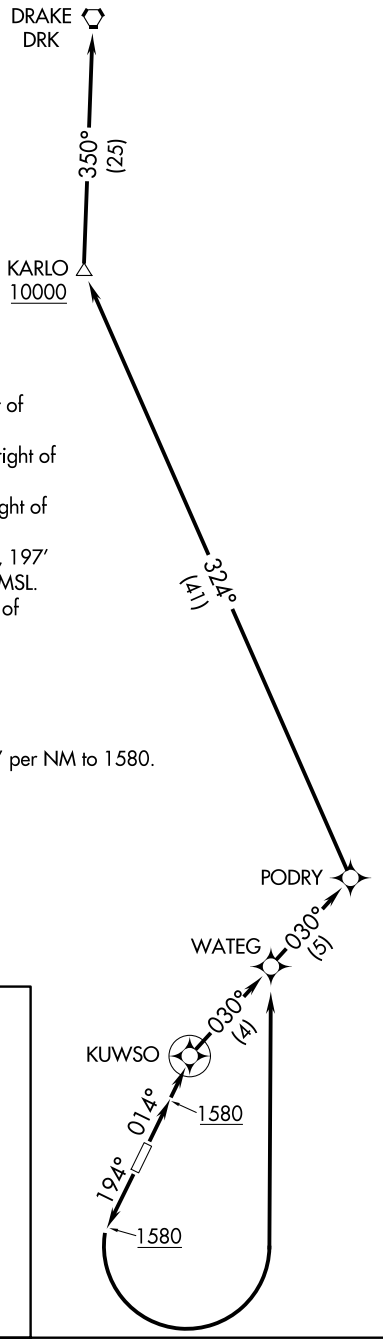
SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DRAKE TWO DEPARTURE (OBSTACLE) (RNAV)

AL-6915 (FAA)

ATIS
119.425
GND CON
118.0
GLENDALE TOWER★
121.0
LUKE DEP CON★
118.15 363.125
PHOENIX DEP CON
120.7 239.0



TAKEOFF OBSTACLE NOTES

Rwy 1: Light on blast fence 4′ from DER, 130′ left of centerline, up to 10′ AGL/1088′ MSL.
Trees beginning 124′ from DER, left and right of centerline, up to 30′ AGL/1104′ MSL.
Vehicles beginning 299′ from DER, 80′ right of centerline, up to 15′ AGL/1091′ MSL.
Poles and trees beginning 400′ from DER, 197′ right of centerline, up to 75′ AGL/1144′ MSL.
Rwy 19: Trees beginning 281′ from DER, 331′ left of centerline, up to 33′ AGL/1060′ MSL.

TAKEOFF MINIMUMS

Rwys 1, 19: Standard with minimum climb of 500′ per NM to 1580.

NOTE: RNAV 1.

NOTE: GPS required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 014° to 1580, then direct KUWSO, then as depicted to cross KARLO at/above 10000. . . .
TAKEOFF RUNWAY 19: Climb heading 194° to 1580, then left turn direct WATEG, then as depicted to cross KARLO at/above 10000. . . .

. . . .thence on track 350° to DRK VORTAC.
Expect filed altitude 3 minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(BNYRD6.BNYRD) 24249

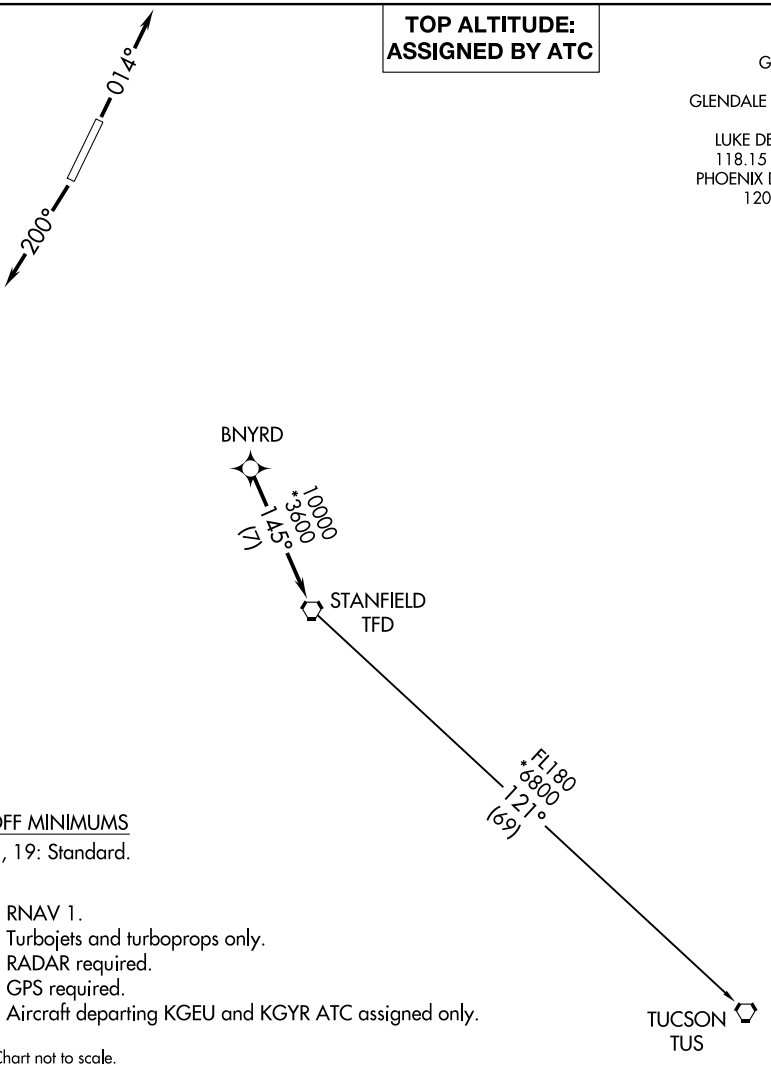
BNYRD SIX DEPARTURE (RNAV)

AL-6915 (FAA)

GLENDALE RGNL (GEU)
GLENDALE, ARIZONA

TOP ALTITUDE: ASSIGNED BY ATC

ATIS 119.425
GND CON 118.0
GLENDALE TOWER★ 121.0
LUKE DEP CON★ 118.15 363.125
PHOENIX DEP CON 120.7 239.0



TAKEOFF MINIMUMS

Rwys 1, 19: Standard.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 014° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 19: Climb heading 200° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to BNYRD, then on track 145° to TFD VORTAC, then on (transition), maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

TUCSON TRANSITION (BNYRD6.TUS)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE:
ASSIGNED BY ATC
ATIS
119.425
GND CON
118.0
GLENDALE TOWER★
121.0
LUKE DEP CON★
118.15 363.125
PHOENIX DEP CON
120.7 239.0
NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: ABQ transition ATC assigned only.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO file FTHLS DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK file LALUZ DEPARTURE.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS file YOTES DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
TAKEOFF MINIMUMS
Rwys 1, 19: Standard.
014°
200°
N
BROAK
FL180
*8900
059°
(45)
FTHLS
FL180
*13600
060°
(55)
JNIPR
FL180
*11800
060°
(68)
JSSUA
FL180
*11700
077°
(65)
MAXXO
FL180
*11500
040°
(71)
ALBUQUERQUE
ABQ
DEPARTURE ROUTE DESCRIPTION
TAKEOFF RUNWAY 1: Climb heading 014° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAY 19: Climb heading 200° or as assigned by ATC, thence. . . .
. . . .expect RADAR vectors to BROAK, then on track 059° to FTHLS, then on (transition).
Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.
ALBUQUERQUE TRANSITION (FTHLS6.ABQ)
JNIPR TRANSITION (FTHLS6.JNIPR)
MAXXO TRANSITION (FTHLS6.MAXXO)
NOTE: Chart not to scale.
SW-4, 03 SEP 2026 to 29 OCT 2026

GLENDALE ONE DEPARTURE

AL-6915 (FAA)

ATIS
119.425
GLENDALE TOWER ★
121.0
LUKE DEP CON ★
118.15 363.125
PHOENIX DEP CON
120.7 239.0

N

NOTE: RADAR required

FLAGSTAFF
113.85 FLG
Chan 85(Y)

WINSLOW
112.6 INW
Chan 73

ST JOHNS
112.3 SJN
Chan 70

DRAKE
114.1 DRK
Chan 88

TAKEOFF MINIMUMS:
Rwy 1: Standard with minimum climb of 230'/NM to 3600.
Rwy 19: Standard.

PHOENIX
115.6 PXR
Chan 103

BUCKEYE
110.6 BXK
Chan 43

GILA BEND
116.6 GBN
Chan 113

STANFIELD
114.8 TFD
Chan 95

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb to assigned altitude on assigned heading between 340° CW to 040° from DER. Thence. . . .

TAKEOFF RUNWAY 19: Climbing right turn to assigned altitude on assigned heading between 200° CW to 220° from DER. Thence. . . .

. . . .Expect radar vectors to assigned route. Expect filed altitude 3 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, climb to 6000 then proceed direct BXK VORTAC, then via assigned route.

LUKE DEP CON★
118.15 363.125
PHOENIX DEP CON
120.7 239.0
ATIS
119.425
GND CON
118.0
GLENDALE TOWER★
121.0

TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - GPS.
RADAR required.

NOTE: Turbojets and turboprops only.
NOTE: Aircraft requesting FL220 and below must file BLYTHE Transition.
NOTE: Turbojets landing LAX, file WLVRN Transition.
NOTE: Aircraft landing other than LAX and turboprops landing at LAX: Requesting FL240 and above, file HRRBR Transition.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwy 19: Standard.
Rwy 1: Standard with minimum climb of 285'/NM to 5700.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 014° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAY 19: Climb on heading 200° or as assigned by ATC, thence. . . .

. . . .for RADAR vectors to KEENS, then on track 259° to IZZZO, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

BLYTHE TRANSITION (IZZZO8.BLH)
HRRBR TRANSITION (IZZZO8.HRRBR)
WLVRN TRANSITION (IZZZO8.WLVRN)

SW-4, 03 SEP 2026 to 29 OCT 2026

JUDTH SEVEN DEPARTURE (RNAV)

(JUDTH7.JUDTH) 24MAY18

GLENDALE, ARIZONA

GLENDALE RGNL (GEU)

ATIS 119.425
GND CON 118.0
GLENDALE TOWER ★ 121.0
LUKE DEP CON ★ 118.15 363.125
PHOENIX DEP CON 120.7 239.0

DEPARTURE ROUTE DESCRIPTION

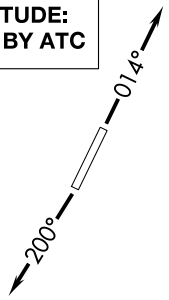
TAKEOFF RUNWAY 1: Climb heading 014° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 19: Climb heading 200° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to GBN VORTAC, then on track 249° to JUDTH, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

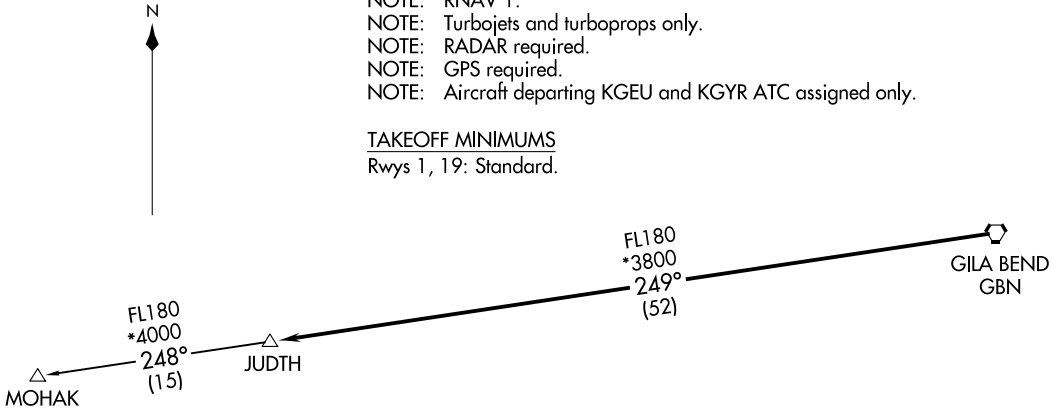
MOHAK TRANSITION (JUDTH7.MOHAK)

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 1, 19: Standard.



NOTE: Chart not to scale.

JUDTH SEVEN DEPARTURE (RNAV)

(JUDTH7.JUDTH) 24249

GLENDALE, ARIZONA

GLENDALE RGNL (GEU)

AL-6915 (FAA)

KATMN SIX DEPARTURE (RNAV)

(KATMN6.KATMN) 24MAY18

GLENDALE, ARIZONA
GLENDALE RGNL (GEU)

ATIS
119.425
GND CON
118.0
GLENDALE TOWER ★
121.0
LUKE DEP CON ★
118.15 363.125
PHOENIX DEP CON
120.7 239.0

TOP ALTITUDE: ASSIGNED BY ATC

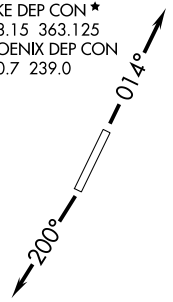
DEPARTURE ROUTE DESCRIPTION

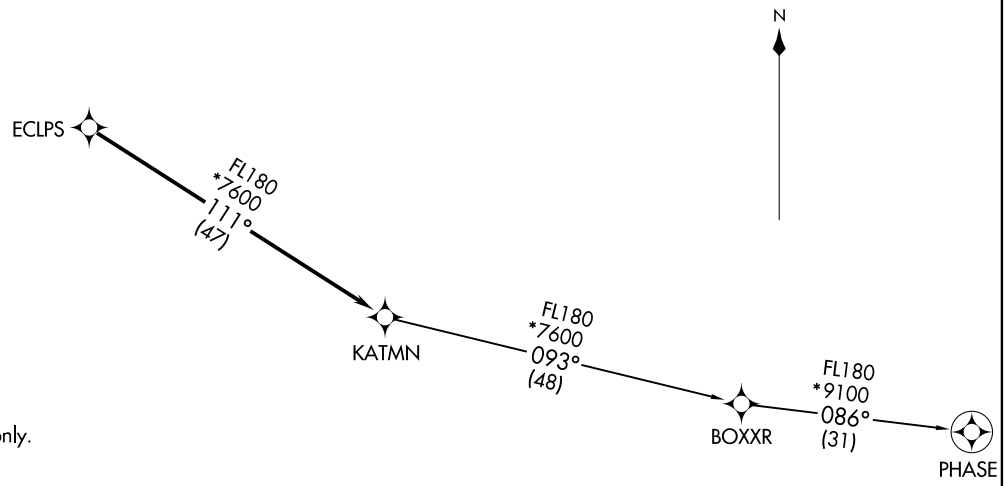
TAKEOFF RUNWAY 1: Climb heading 014° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 19: Climb heading 200° or as assigned by ATC, thence. . . .

. . . .on RADAR vectors to ECLPS, then on track 111° to KATMN, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

PHASE TRANSITION (KATMN6.PHASE)





TAKEOFF MINIMUMS

Rwys 1, 19: Standard.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

NOTE: Chart not to scale.

(KATMN6.KATMN) 24249

KATMN SIX DEPARTURE (RNAV)

AL-6915 (FAA)

GLENDALE RGNL (GEU)
GLENDALE, ARIZONA

(LALUZ6.LALUZ) 24249

LALUZ SIX DEPARTURE (RNAV)

AL-6915 (FAA)

GLENDALE RGNL (GEU)
GLENDALE, ARIZONA

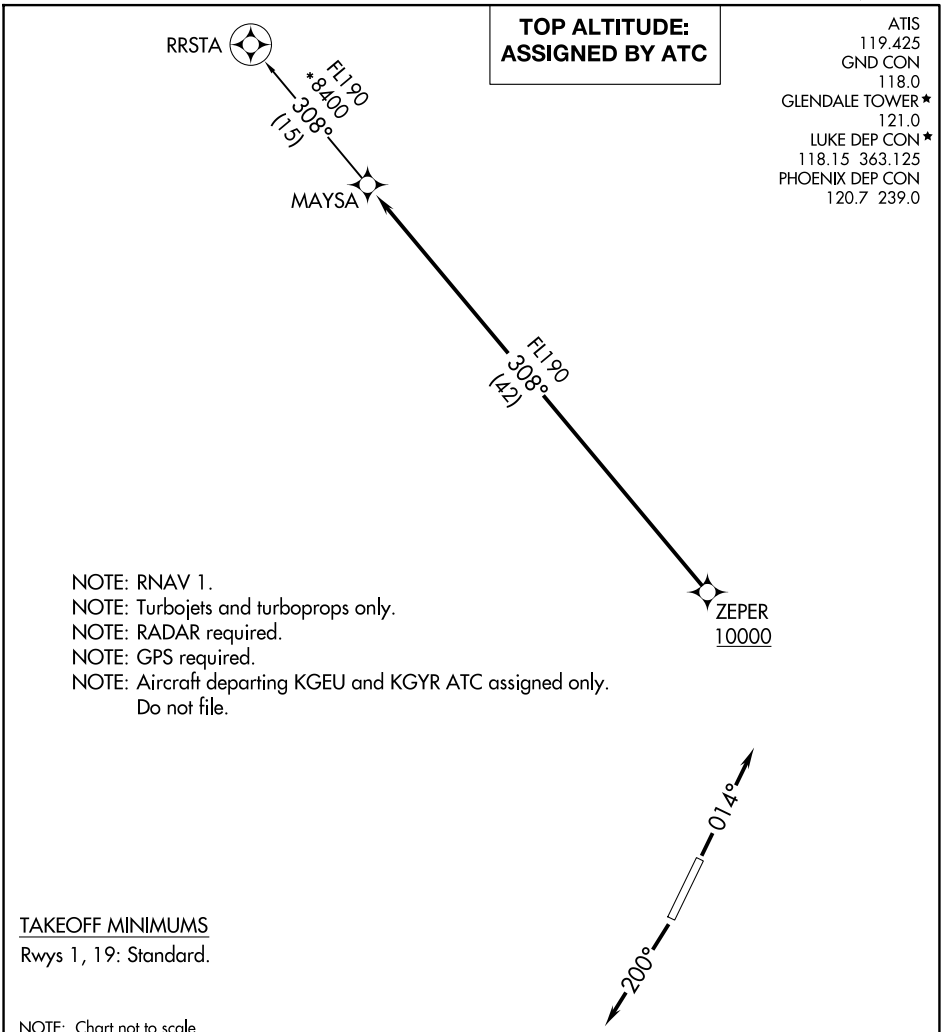
SW-4, 03 SEP 2026 to 29 OCT 2026

LALUZ SIX DEPARTURE (RNAV)

(LALUZ6.LALUZ) 24MAY18

GLENDALE, ARIZONA
GLENDALE RGNL (GEU)

SW-4, 03 SEP 2026 to 29 OCT 2026



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 014° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 19: Climb on heading 200° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to cross ZEPER at or above 10000, then on track 308° to MAYSA, then on RRSTA TRANSITION. Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

RRSTA TRANSITION (MAYSA7.RRSTA)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(SNOBL6.SNOBL) 24249

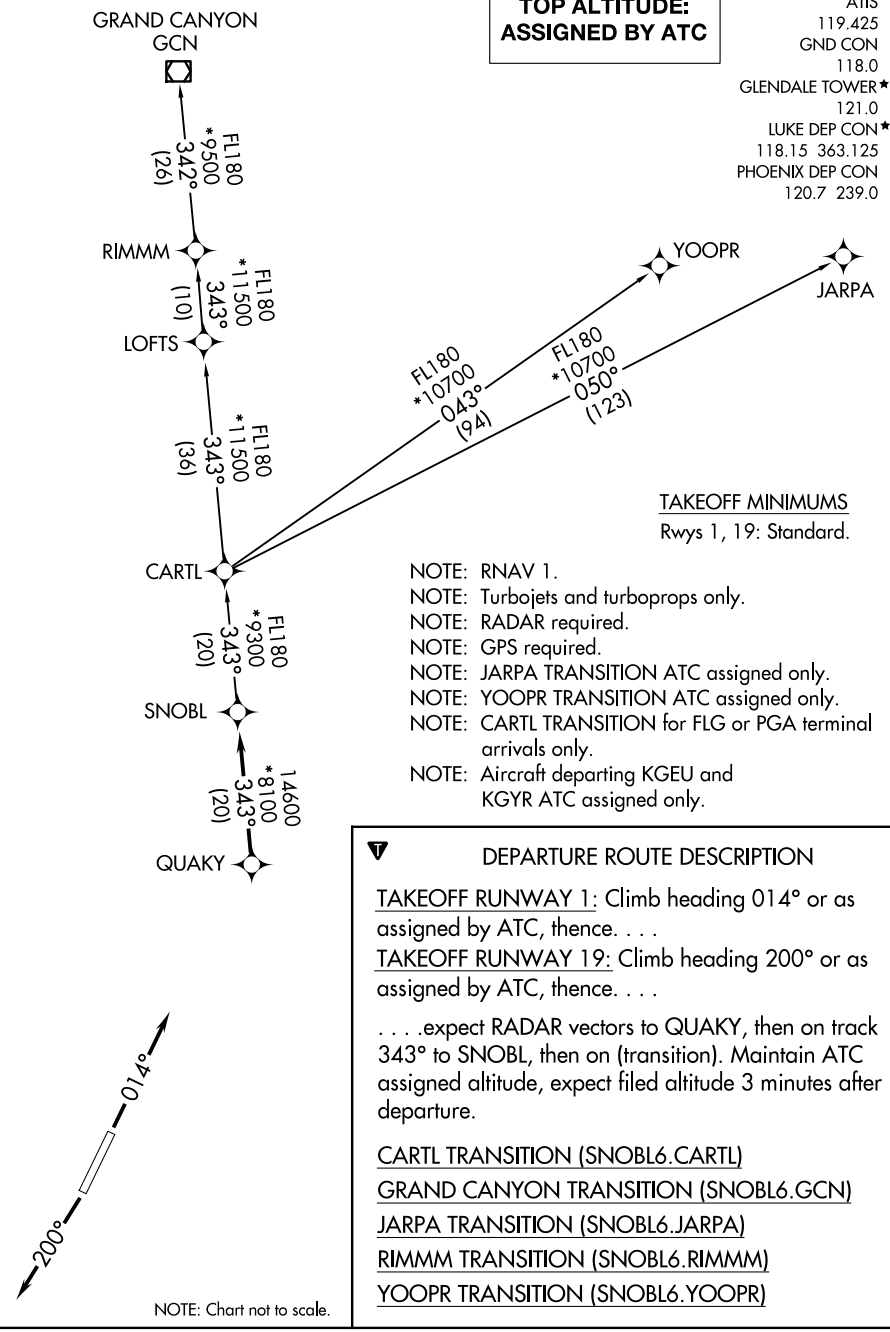
SNOBL SIX DEPARTURE (RNAV)

AL-6915 (FAA)

GLENDALE RGNL (GEU)
GLENDALE, ARIZONA

TOP ALTITUDE: ASSIGNED BY ATC

ATIS 119.425
GND CON 118.0
GLENDALE TOWER★ 121.0
LUKE DEP CON★ 118.15 363.125
PHOENIX DEP CON 120.7 239.0



TAKEOFF MINIMUMS

Rwys 1, 19: Standard.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: JARPA TRANSITION ATC assigned only.
NOTE: YOOPR TRANSITION ATC assigned only.
NOTE: CARTL TRANSITION for FLG or PGA terminal arrivals only.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 014° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 19: Climb heading 200° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to QUAKY, then on track 343° to SNOBL, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

CARTL TRANSITION (SNOBL6.CARTL)
GRAND CANYON TRANSITION (SNOBL6.GCN)
JARPA TRANSITION (SNOBL6.JARPA)
RIMMM TRANSITION (SNOBL6.RIMMM)
YOOPR TRANSITION (SNOBL6.YOOPR)

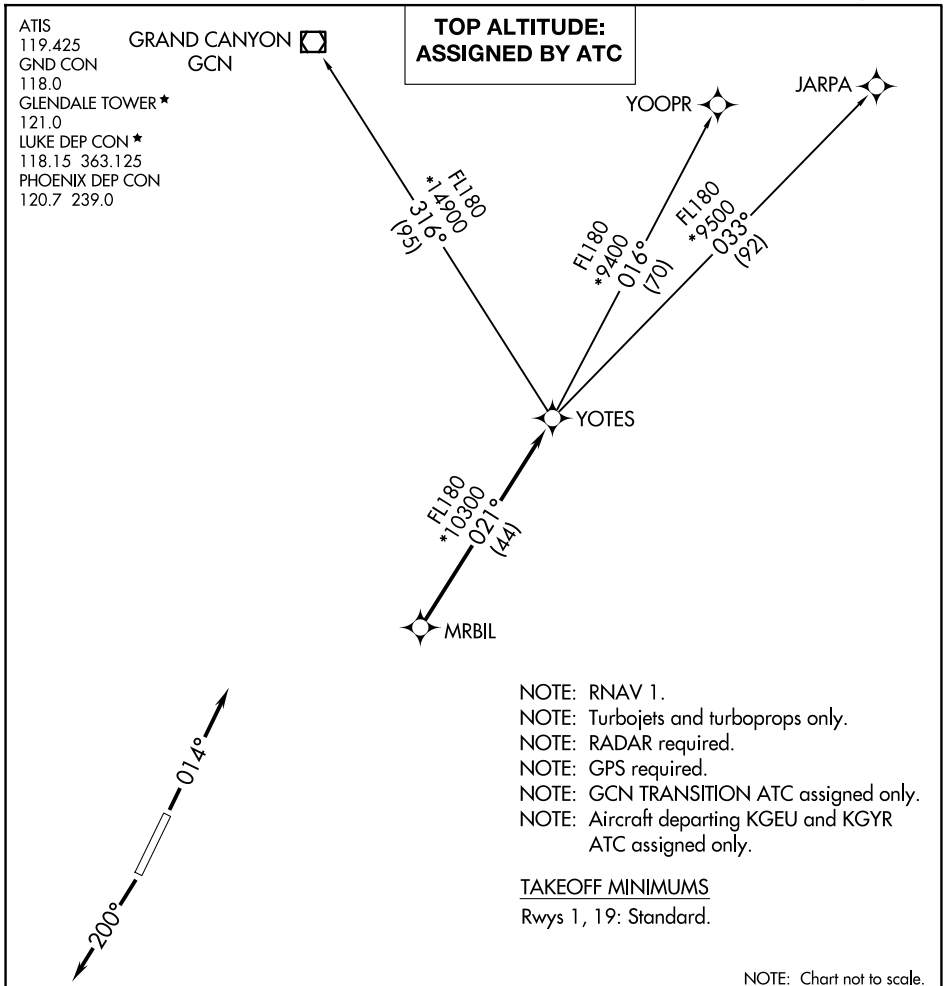
SNOBL SIX DEPARTURE (RNAV)
GLENDALE, ARIZONA
GLENDALE RGNL (GEU)

(SNOBL6.SNOBL) 24MAY18

SW-4, 03 SEP 2026 to 29 OCT 2026

YOTES SIX DEPARTURE (RNAV)

AL-6915 (FAA)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 014° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 19: Climb heading 200° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to MRBIL, then on track 021° to YOTES, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

GRAND CANYON TRANSITION (YOTES6.GCN)

JARPA TRANSITION (YOTES6.JARPA)

YOOPR TRANSITION (YOTES6.YOOPR)

SW-4, 03 SEP 2026 to 29 OCT 2026

GLOBE, ARIZONA | AL-6635 (FAA) | 26134

APP CRS	Rwy Ldg	6500
260°	TDZE	3212
	Apt Elev	3261

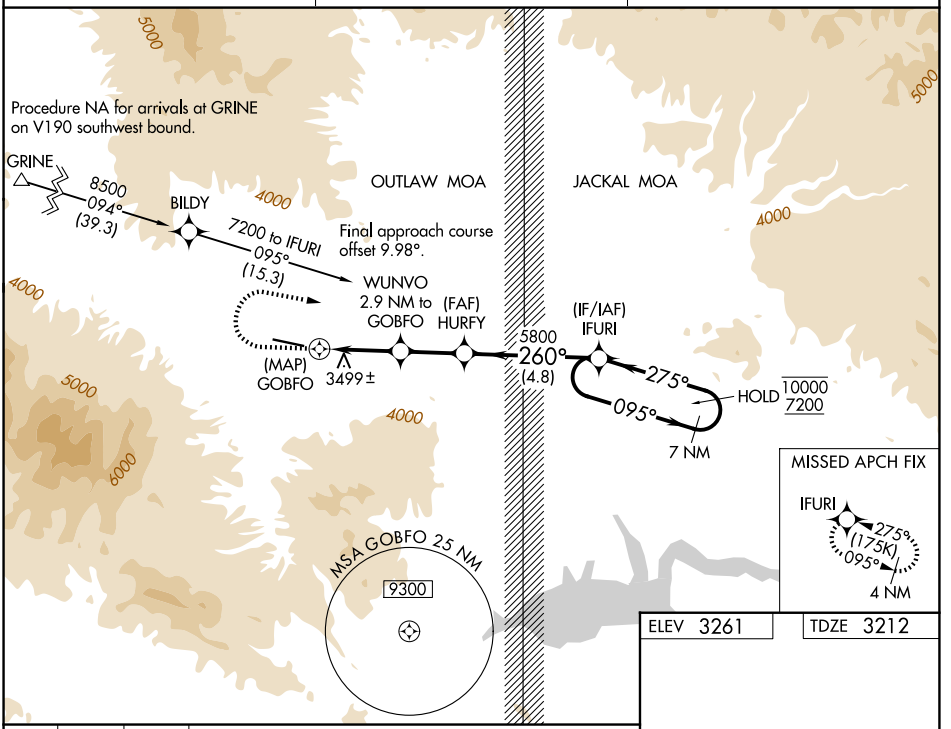
RNAV (GPS) RWY 27
SAN CARLOS APACHE (P13)

RNP APCH.

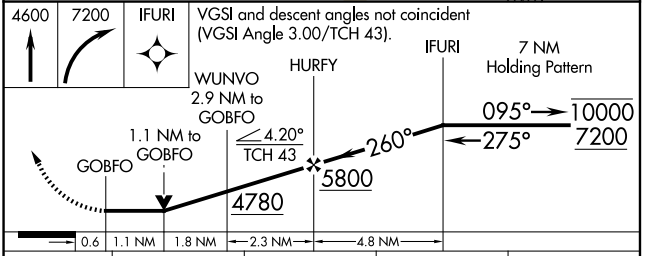
T NA Rwy 27 helicopter visibility reduction below ¾ SM NA. VDP NA when using San Manuel altimeter setting. When local altimeter setting not received, use San Manuel altimeter setting and increase all MDA 120 feet.

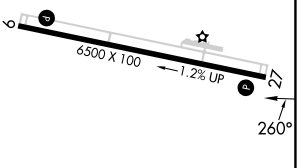
MISSED APPROACH: (Do not exceed 175K until IFURI) Climb to 4600 then climbing right turn to 7200 direct IFURI and hold, do not exceed 230K when continuing climb-in-hold to 7200.
* Missed approach requires minimum climb of 290 feet per NM to 5340.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
120.075	125.4 269.3	122.8 (CTAF) L



ELEV 3261	TDZE 3212

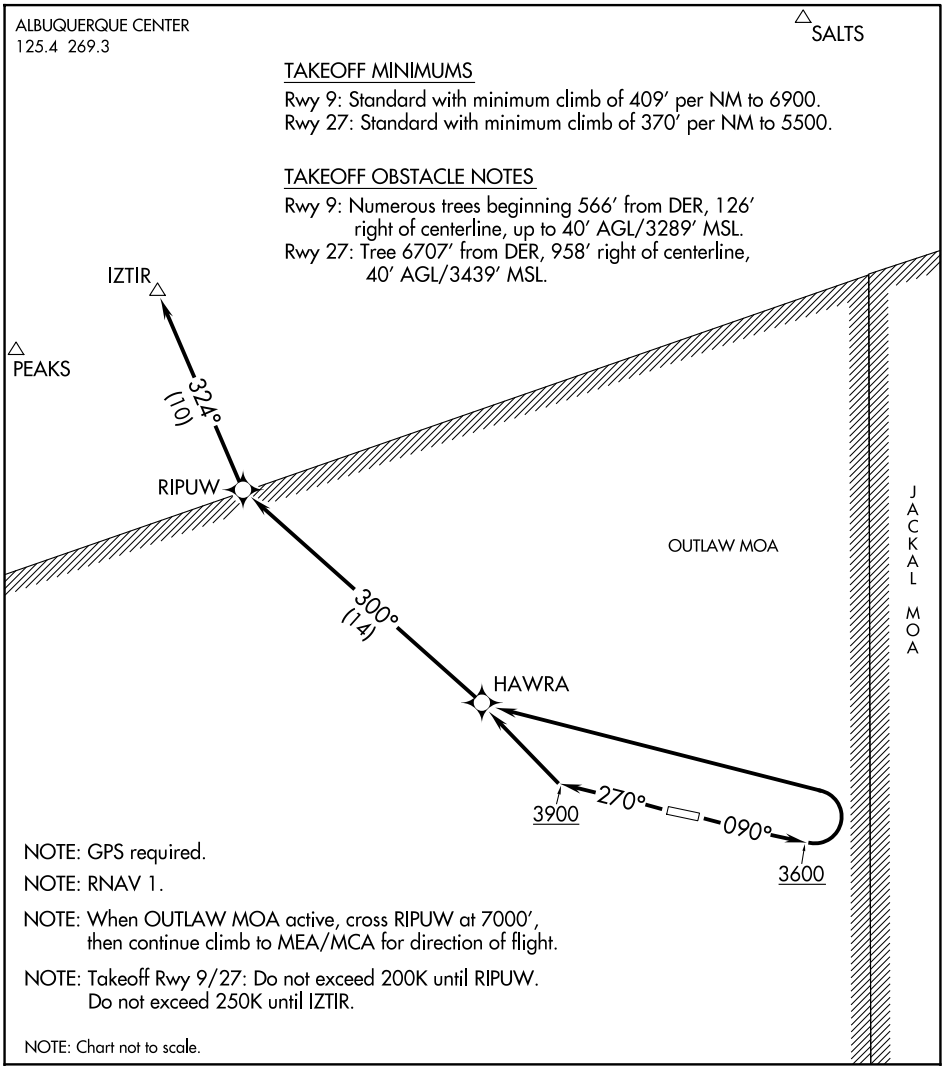




CATEGORY	A	B	C	D
LNAV MDA*	3760-1 548 (500-1)		NA	
LNAV MDA	4180-1¼ 968 (1000-1¼)	4180-1½ 968 (1000-1½)	NA	
CIRCLING	4180-1¼ 919 (1000-1¼)	4180-1½ 919 (1000-1½)	NA	

MIRL Rwy 9-27 L
REIL Rwys 9 and 27

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 090° to 3600, then climbing left turn direct HAWRA, then via depicted route to IZTIR. Thence. . . .

TAKEOFF RUNWAY 27: Climb heading 270° to 3900, then climbing right turn direct HAWRA, then via depicted route to IZTIR. Thence. . . .

. . . .climb on course to MEA for assigned route of flight.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 3

PHOENIX GOODYEAR (GYR)

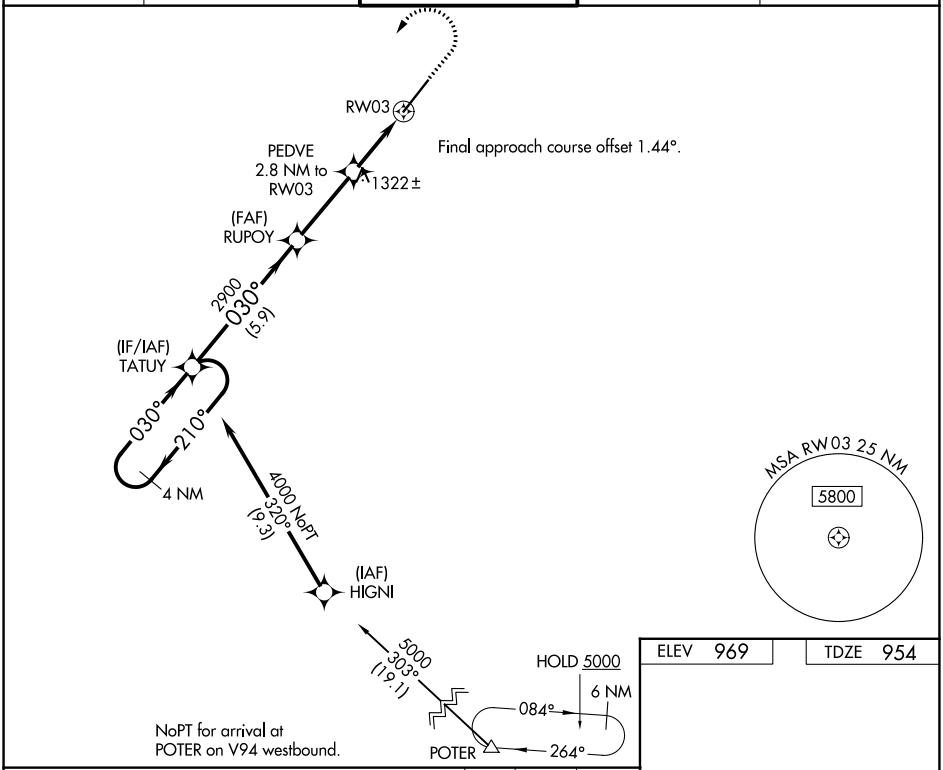
WAAS CH 42839 W03A	APP CRS 030°	Rwy Ldg 8500 TDZE 954 Apt Elev 969

RNP APCH.

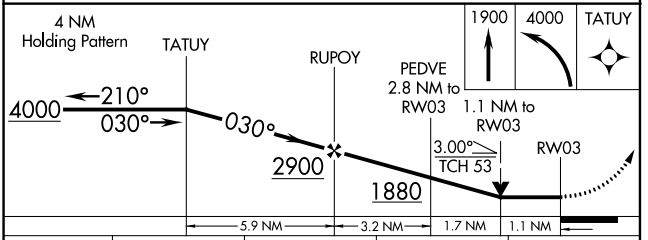
NA Procedure NA at night. Helicopter visibility reduction below ¾ SM NA. VDP NA when using Phoenix Sky Harbor Intl altimeter setting. When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting: increase all MDA 80 feet and visibility LP/LNAV Cat C/D and Circling Cat C ¼ SM.

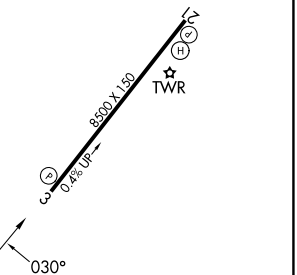
MISSED APPROACH: Climb to 1900 then climbing left turn to 4000 direct TATUY and hold.

ATIS	LUKE APP CON ★	GOODYEAR TOWER ★	GND CON	UNICOM
118.35	125.45 263.125	120.1 (CTAF) 239.3	121.7	122.95



ELEV 969	TDZE 954

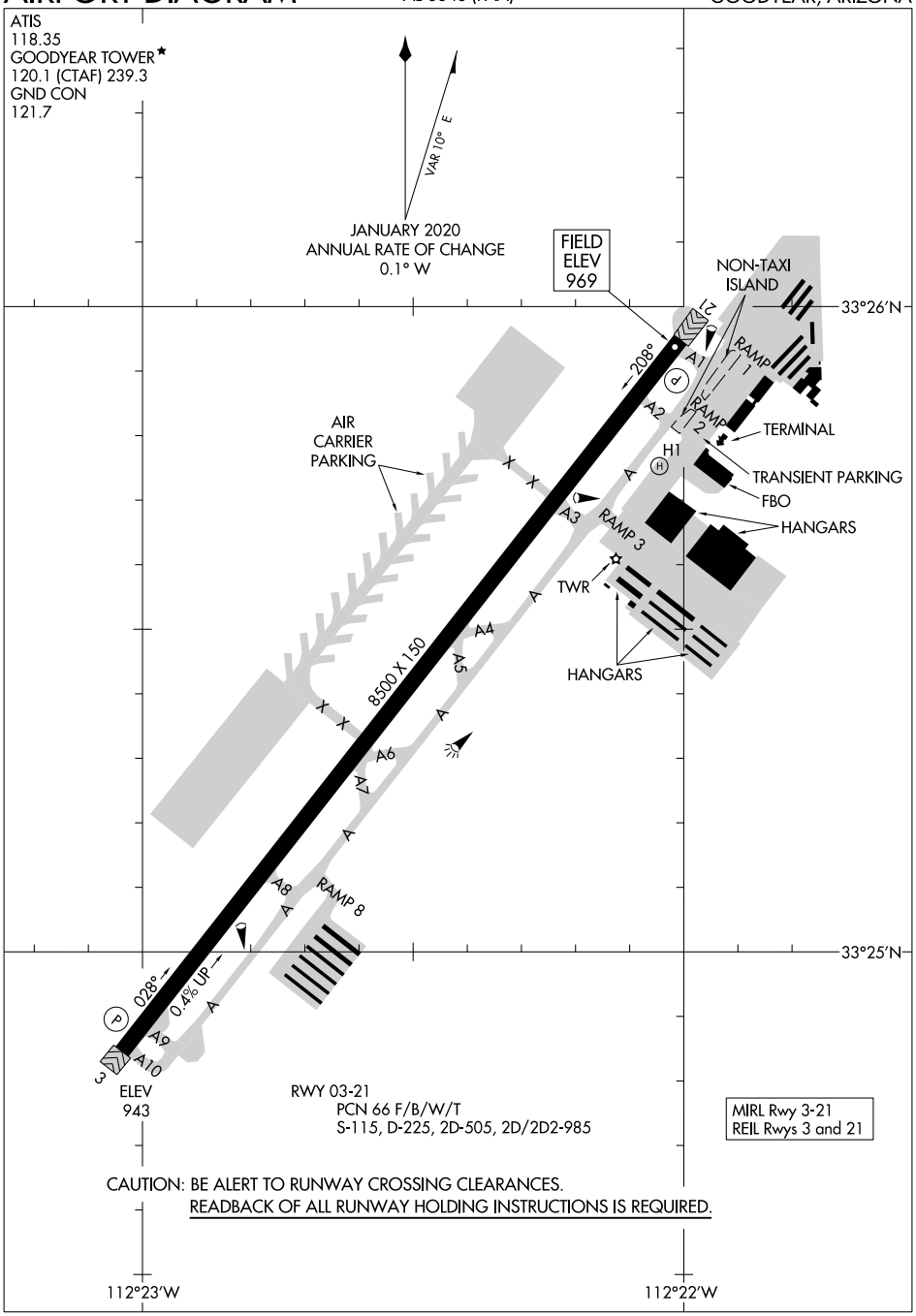




CATEGORY	A	B	C	D
LP MDA	1340-1 386 (400-1)		1340-1⅛ 386 (400-1⅛)	
LNAV MDA	1580-1 626 (700-1)		1580-1¾ 626 (700-1¾)	
CIRCLING	1580-1 611 (700-1)		1860-2¾ 891 (900-2¾)	1920-3 951 (1000-3)

REIL Rwys 3 and 21
MIRL Rwy 3-21

SW-4, 03 SEP 2026 to 29 OCT 2026

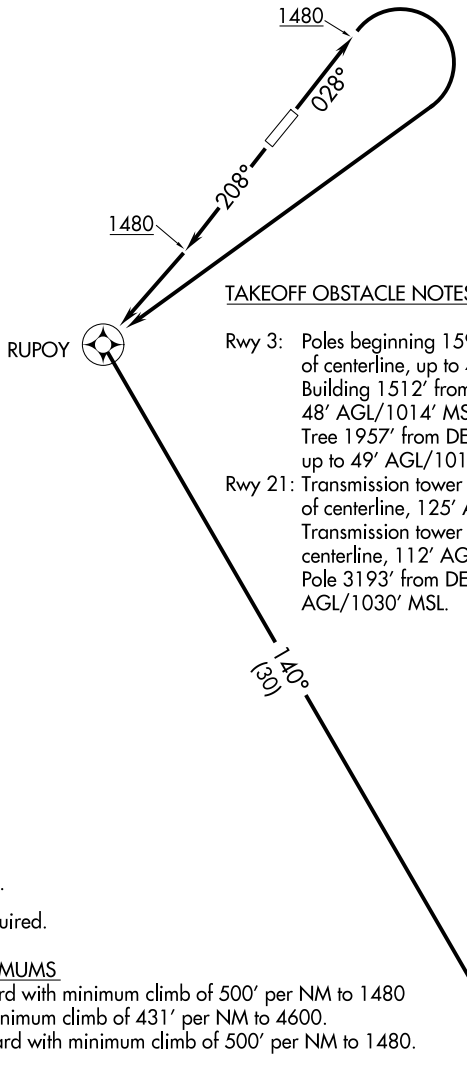


SW-4, 03 SEP 2026 to 29 OCT 2026

(POTER3.POTER) 23334

POTER THREE DEPARTURE (OBSTACLE) (RNAV)

PHOENIX GOODYEAR (GYR)
AL-6648 (FAA) GOODYEAR, ARIZONA



ATIS
118.35
GND CON
121.7
GOODYEAR TOWER★
120.1 239.3
LUKE DEP CON★
125.45 263.125
PHOENIX DEP CON
120.7 239.0

TAKEOFF OBSTACLE NOTES

Rwy 3: Poles beginning 159′ from DER, 267′ right of centerline, up to 47′ AGL/1015′ MSL.
Building 1512′ from DER, 828′ right of centerline, 48′ AGL/1014′ MSL.
Tree 1957′ from DER, 551′ right of centerline, up to 49′ AGL/1019′ MSL.

Rwy 21: Transmission tower 2610′ from DER, 1078′ left of centerline, 125′ AGL/1047′ MSL.
Transmission tower 3190′ from DER, 311′ left of centerline, 112′ AGL/1031′ MSL.
Pole 3193′ from DER, 308′ left of centerline, 112′ AGL/1030′ MSL.

NOTE: RNAV 1.

NOTE: GPS required.

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 500′ per NM to 1480 then minimum climb of 431′ per NM to 4600.

Rwy 21: Standard with minimum climb of 500′ per NM to 1480.

NOTE: Chart not to scale.

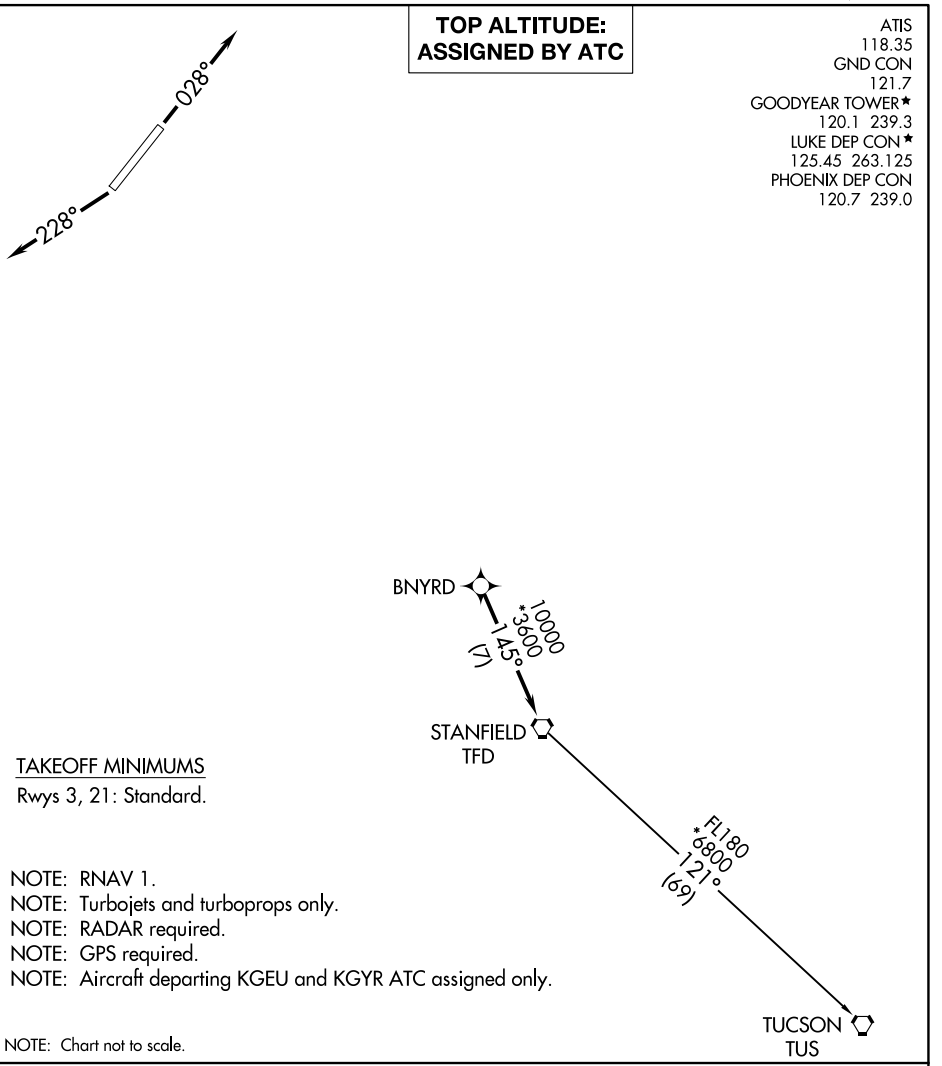
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 028° to 1480, then right turn direct RUPOY thence. . . .

TAKEOFF RUNWAY 21: Climb heading 208° to 1480, then direct RUPOY thence. . . .

. . . .on track 140° to POTER. Expect filed altitude 3 minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



TAKEOFF MINIMUMS

Rwys 3, 21: Standard.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 028° or assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climb heading 228° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to BNYRD, then on track 145° to TFD VORTAC, then on (transition), maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

TUCSON TRANSITION (BNYRD6.TUS)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FTHLS SIX DEPARTURE (RNAV)

(FTHLS6.FTHLS) 24MAY18

GOODYEAR, ARIZONA
PHOENIX GOODYEAR (GYR)

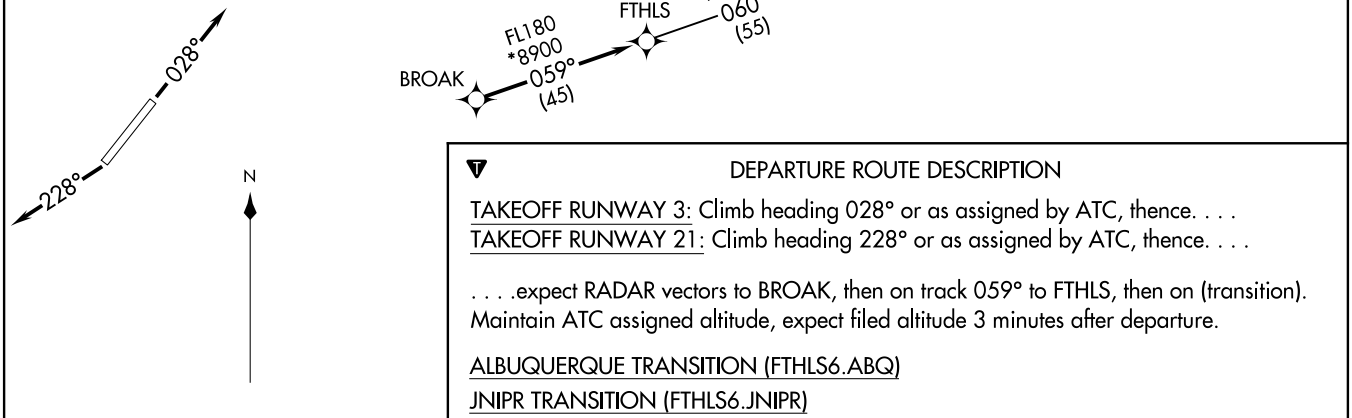
ATIS
118.35
GND CON
121.7
GOODYEAR TOWER ★
120.1 239.3
LUKE DEP CON★
125.45 263.125
PHOENIX DEP CON
120.7 239.0

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: ABQ transition ATC assigned only.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO file FTHLS DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK file LALUZ DEPARTURE.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS file YOTES DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS

Rwys 3, 21: Standard.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 028° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAY 21: Climb heading 228° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to BROAK, then on track 059° to FTHLS, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (FTHLS6.ABQ)

JNIPR TRANSITION (FTHLS6.JNIPR)

MAXXO TRANSITION (FTHLS6.MAXXO)

(FTHLS6.FTHLS) 18144

FTHLS SIX DEPARTURE (RNAV)

AL-6648 (FAA)

PHOENIX GOODYEAR (GYR)

GOODYEAR, ARIZONA

GOODYEAR TWO DEPARTURE

AL-6648 (FAA)

PHOENIX GOODYEAR (GYR)
GOODYEAR, ARIZONA

GOODYEAR TWO DEPARTURE

21JUL16

GOODYEAR, ARIZONA
PHOENIX GOODYEAR (GYR)

SW-4, 03 SEP 2026 to 29 OCT 2026

IZZO EIGHT DEPARTURE (RNAV)

(IZZO8.IZZO) 25JAN24

PHOENIX GOODYEAR (GYR)
GOODYEAR, ARIZONA

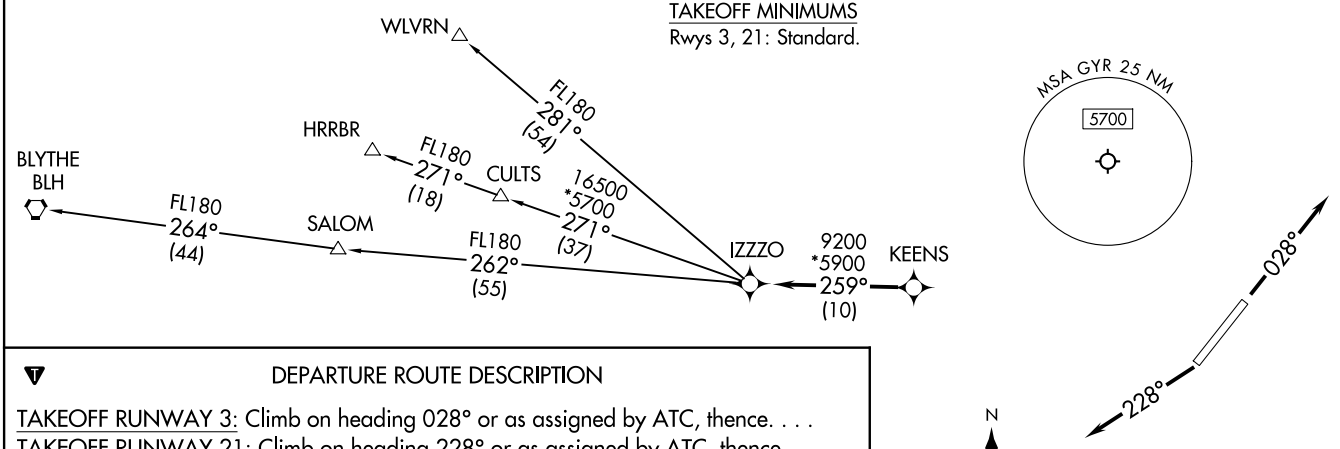
LUKE DEP CON★
125.45 263.125
PHOENIX DEP CON
120.7 239.0
ATIS
118.35
GND CON
121.7
GOODYEAR TOWER★
120.1 239.3

TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - GPS.
RADAR required.

NOTE: Turbojets and turboprops only.
NOTE: Aircraft requesting FL220 and below must file BLYTHE Transition.
NOTE: Turbojets landing LAX, file WLVRN Transition.
NOTE: Aircraft landing other than LAX and turboprops landing at LAX: Requesting FL240 and above, file HRRBR Transition.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 3, 21: Standard.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb on heading 028° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAY 21: Climb on heading 228° or as assigned by ATC, thence. . . .

. . . .for RADAR vectors to KEENS, then on track 259° to IZZZO, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

BLYTHE TRANSITION (IZZZO8.BLH)
HRRBR TRANSITION (IZZZO8.HRRBR)
WLVRN TRANSITION (IZZZO8.WLVRN)

NOTE: Chart not to scale.

IZZZO EIGHT DEPARTURE (RNAV)

(IZZZO8.IZZZO) 26078

AL-6648 (FAA)

PHOENIX GOODYEAR (GYR)
GOODYEAR, ARIZONA

ATIS
118.35
GND CON
121.7
GOODYEAR TOWER★
120.1 239.3
LUKE DEP CON★
125.45 263.125
PHOENIX DEP CON
120.7 239.0

TOP ALTITUDE: ASSIGNED BY ATC

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 028° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climb heading 228° or as assigned by ATC, thence. . . .

. . . expect RADAR vectors to GBN VORTAC, then on track 249° to JUDTH, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

MOHAK TRANSITION (JUDTH7.MOHAK)

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 3, 21: Standard.

SW-4, 03 SEP 2026 to 29 OCT 2026

KATMN SIX DEPARTURE (RNAV)

(KATMN6.KATMN) 24MAY18

GOODYEAR, ARIZONA

PHOENIX GOODYEAR (GYR)

ATIS
118.35
GND CON
121.7
GOODYEAR TOWER ★
120.1 239.3
LUKE DEP CON★
125.45 263.125
PHOENIX DEP CON
120.7 239.0

TOP ALTITUDE: ASSIGNED BY ATC

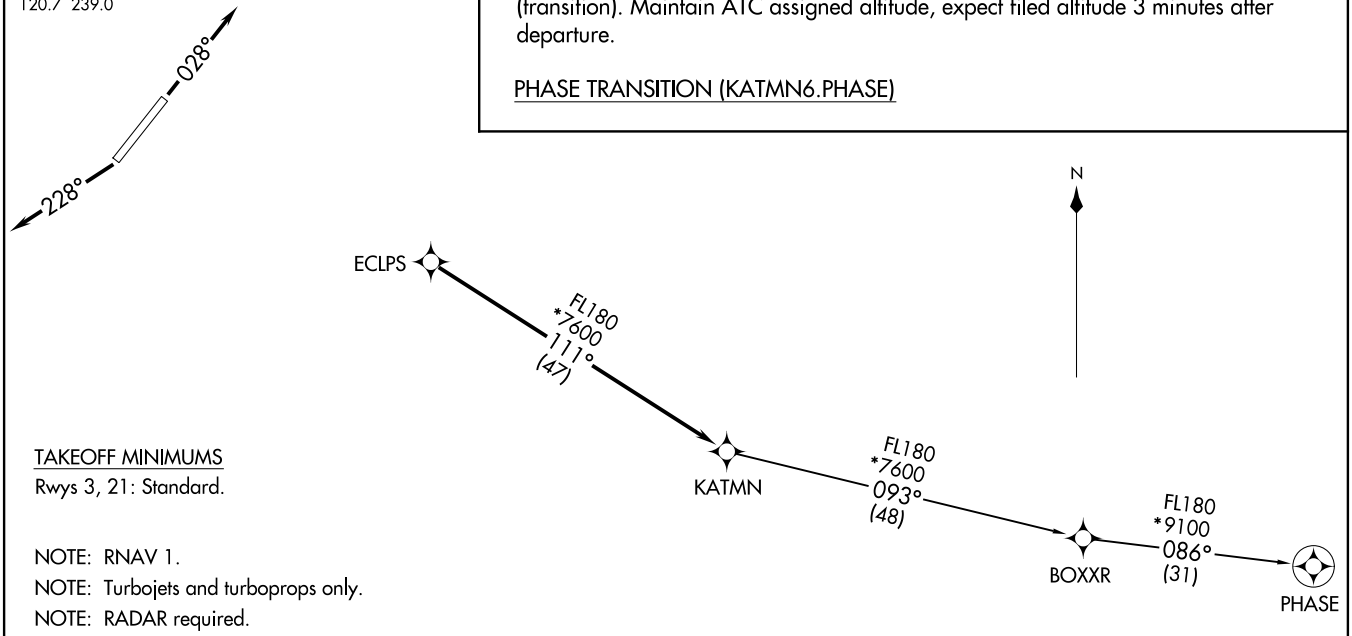
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 028° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climb heading 228° or as assigned by ATC, thence. . . .

. . . .on RADAR vectors to ECLPS, then on track 111° to KATMN, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

PHASE TRANSITION (KATMN6.PHASE)



TAKEOFF MINIMUMS

Rwys 3, 21: Standard.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing from KGEU and KGYR ATC assigned only.

NOTE: Chart not to scale.

(KATMN6.KATMN) 18144

KATMN SIX DEPARTURE (RNAV)

AL-6648 (FAA)

PHOENIX GOODYEAR (GYR)

GOODYEAR, ARIZONA

LALUZ SIX DEPARTURE (RNAV)

(LALUZ6.LALUZ) 24MAY18

(LALUZ6.LALUZ) 18144

LALUZ SIX DEPARTURE (RNAV)

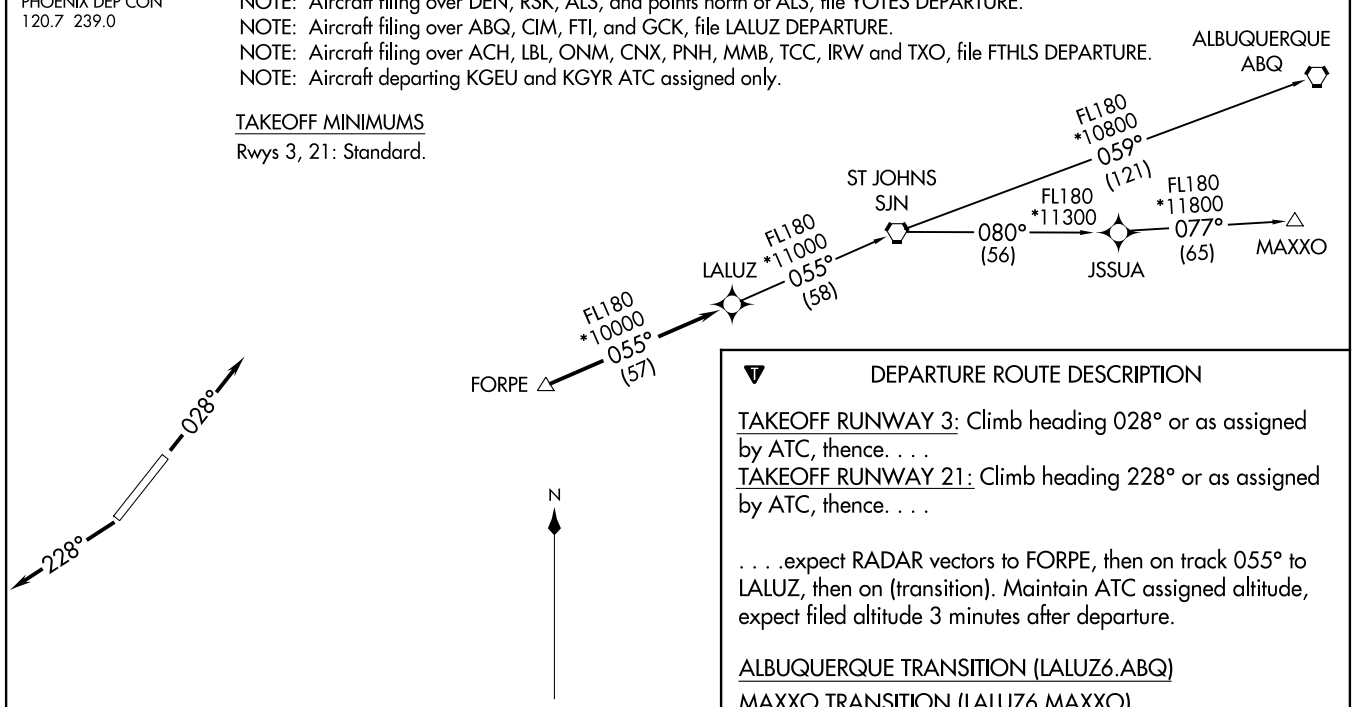
ATIS
118.35
GND CON
121.7
GOODYEAR TOWER ★
120.1 239.3
LUKE DEP CON★
125.45 263.125
PHOENIX DEP CON
120.7 239.0

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: SJN TRANSITION for ABQ terminal arrivals only.
NOTE: MAXXO TRANSITION ATC assigned only.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS, file YOTES DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK, file LALUZ DEPARTURE.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO, file FTHLS DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS

Rwys 3, 21: Standard.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 028° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climb heading 228° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to FORPE, then on track 055° to LALUZ, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (LALUZ6.ABQ)

MAXXO TRANSITION (LALUZ6.MAXXO)

ST JOHNS TRANSITION (LALUZ6.SJN)

PHOENIX GOODYEAR (GYR)
GOODYEAR, ARIZONA

AL-6648 (FAA)

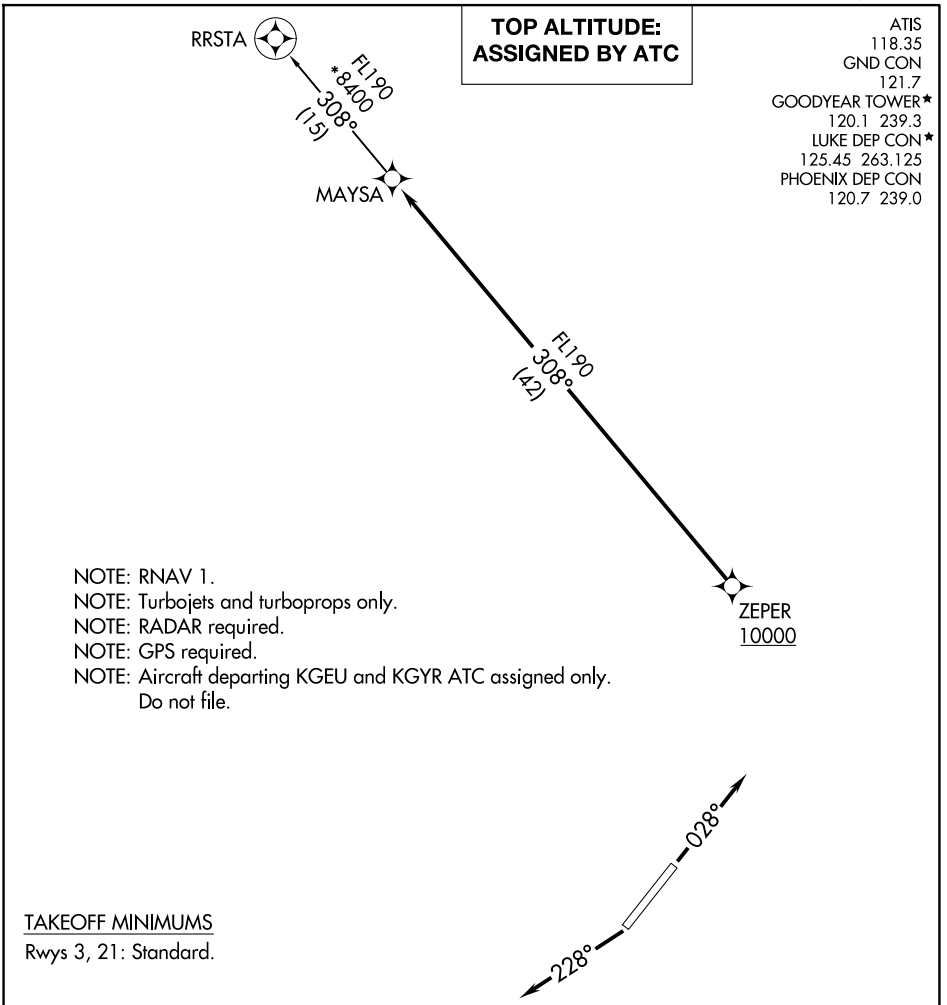
139

(MAYSA7.MAYSA) 20142

MAYSA SEVEN DEPARTURE (RNAV)

AL-6648 (FAA)

PHOENIX GOODYEAR (GYR)
GOODYEAR, ARIZONA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb on heading 028° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climb on heading 228° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to cross ZEPER at or above 10000, then on track 308° to MAYSA, then on RRSTA TRANSITION. Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

RRSTA TRANSITION (MAYSA7.RRSTA)

SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE: ASSIGNED BY ATC

ATIS 118.35
GND CON 121.7
GOODYEAR TOWER ★ 120.1 239.3
LUKE DEP CON ★ 125.45 263.125
PHOENIX DEP CON 120.7 239.0

GRAND CANYON
GCN

342° (26) *9500 FL180

RIMMM

343° (10) *11500 FL180

LOFTS

343° (36) *11500 FL180

CARTL

343° (20) *9300 FL180

SNOBL

343° (20) *8100 14600

QUAKY

JARPA

YOOPR

FL180 *10700 043° (94)

FL180 *10700 050° (123)

TAKEOFF MINIMUMS

Rwys 3, 21: Standard.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: JARPA TRANSITION ATC assigned only.
NOTE: YOOPR TRANSITION ATC assigned only.
NOTE: CARTL TRANSITION for FLG or PGA terminal arrivals only.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 028° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climb heading 228° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to QUAKY, then on track 343° to SNOBL, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

CARTL TRANSITION (SNOBL6.CARTL)
GRAND CANYON TRANSITION (SNOBL6.GCN)
JARPA TRANSITION (SNOBL6.JARPA)
RIMMM TRANSITION (SNOBL6.RIMMM)
YOOPR TRANSITION (SNOBL6.YOOPR)

028°
228°

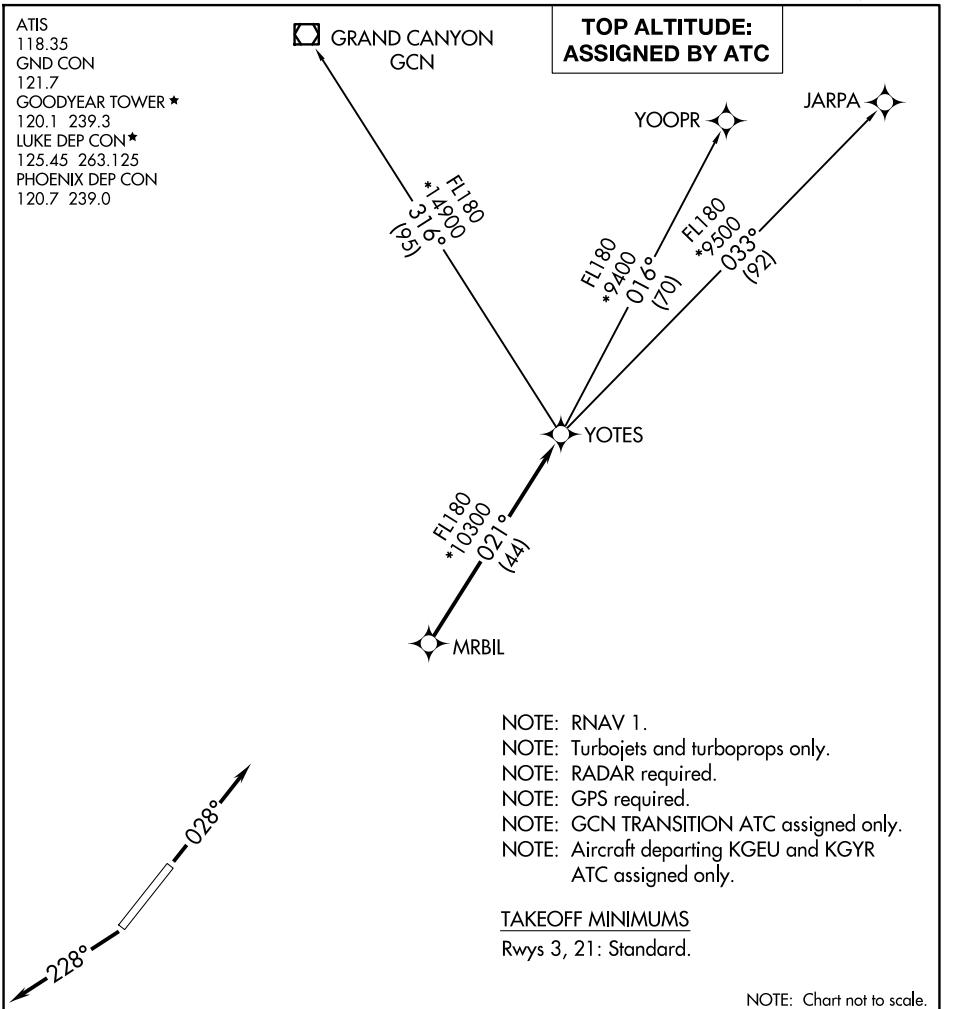
NOTE: Chart not to scale.

(YOTES6.YOTES) 18144

YOTES SIX DEPARTURE (RNAV)

AL-6648 (FAA)

PHOENIX GOODYEAR (GYR)
GOODYEAR, ARIZONA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 028° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climb heading 228° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to MRBIL, then on track 021° to YOTES, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

GRAND CANYON TRANSITION (YOTES6.GCN)

JARPA TRANSITION (YOTES6.JARPA)

YOOPR TRANSITION (YOTES6.YOOPR)

LOC I-GCN	APP CRS	Rwy Ldg	8999
108.9	030°	TDZE	6556
		Apt Elev	6609

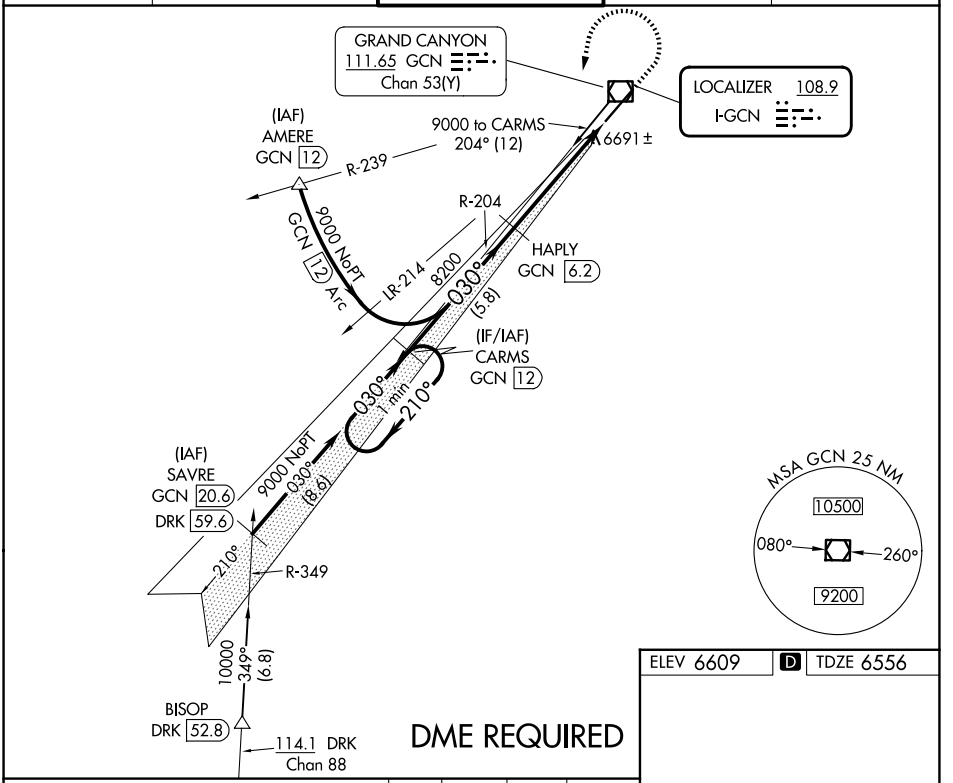
ILS or LOC RWY 3

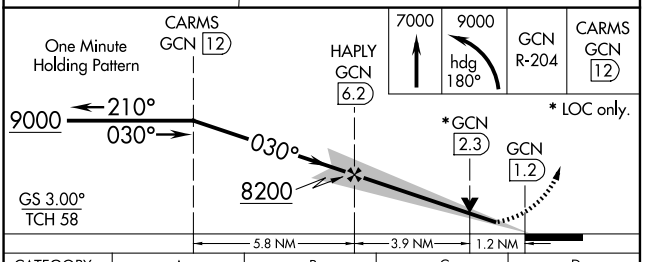
GRAND CANYON NTL PARK (GCN)

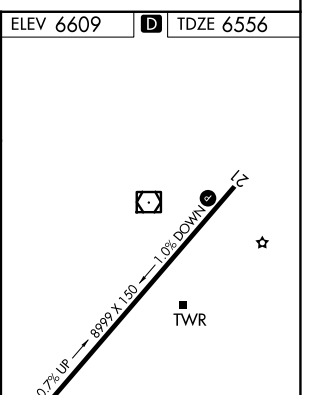
DME from GCN VOR/DME. Simultaneous reception of I-GCN and GCN DME required.
DME required.

MISSED APPROACH: Climb to 7000 then climbing left turn to 9000 on heading 180° and on GCN VOR/DME R-204 direct CARMS/GCN 12 DME and hold.

ATIS	LOS ANGELES CENTER	CANYON TOWER*	GND CON	UNICOM
124.3	124.85 319.2	119.0 (CTAF) L	121.9	122.95







CATEGORY	A	B	C	D
S-ILS 3	6795-¾ 239 (200-¾)			
S-LOC 3	6960-1 404 (400-1)		6960-1⅛ 404 (400-1⅛)	
CIRCLING	7140-1 531 (600-1)	7200-1 591 (600-1)	7280-2 671 (700-2)	7620-3 1011 (1100-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 3

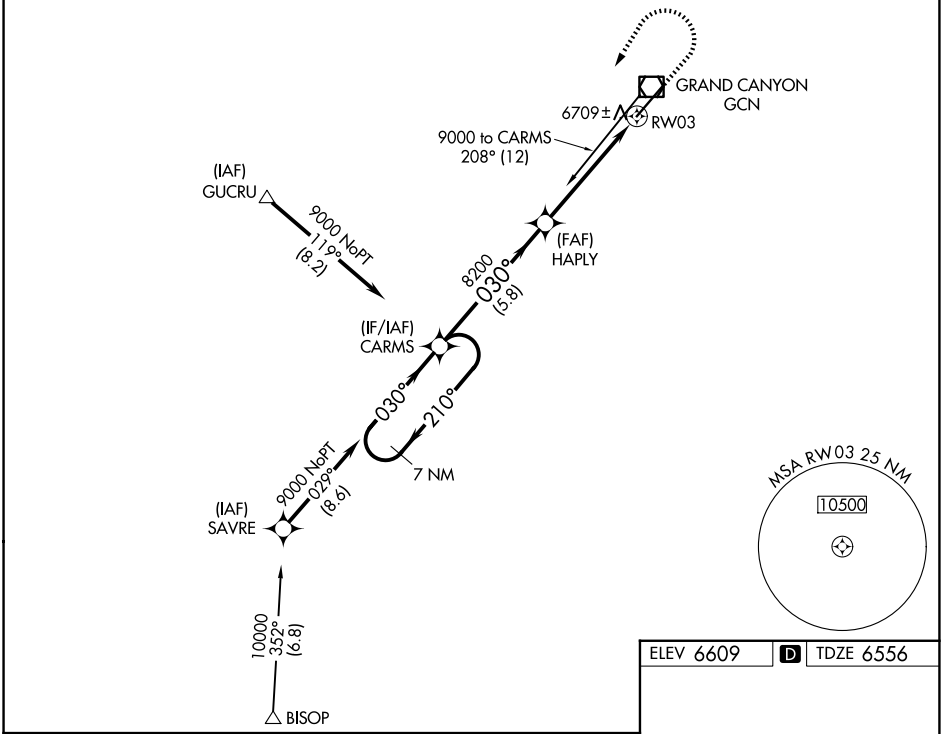
GRAND CANYON NTL PARK (GCN)

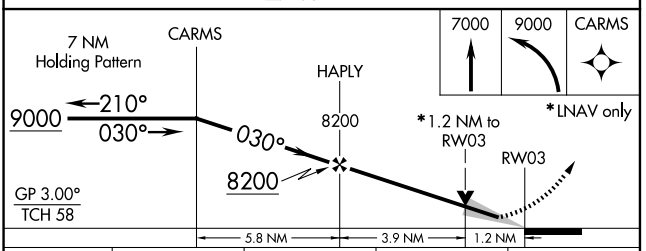
WAAS	APP CRS	Rwy Ldg	8999
CH 86340	030°	TDZE	6556
W03A		Apt Elev	6609

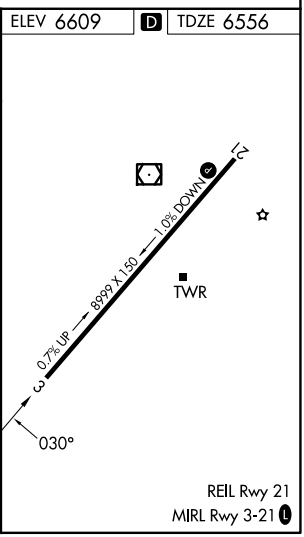
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C (11°F) or above 44°C (111°F). DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 7000 then climbing left turn to 9000 direct CARMS and hold.

ATIS	LOS ANGELES CENTER	CANYON TOWER*	GND CON	UNICOM
124.3	124.85 319.2	119.0 (CTAF) L	121.9	122.95







CATEGORY	A	B	C	D
LPV DA	6797-¾ 241 (200-¾)			
LNAV/VNAV DA	6981-1½ 425 (400-1½)			
LNAV MDA	6960-1 404 (400-1)		6960-1⅛ 404 (400-1⅛)	
CIRCLING	7140-1¼ 531 (600-1¼)	7200-1½ 591 (600-1½)	7280-3 671 (700-3)	7620-3 1011 (1100-3)

REIL Rwy 21
MIRL Rwy 3-21 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VOR/DME GCN	APP CRS	Rwy Ldg 8999
111.65	016°	TDZE 6556
Chan 53(Y)		Apt Elev 6609

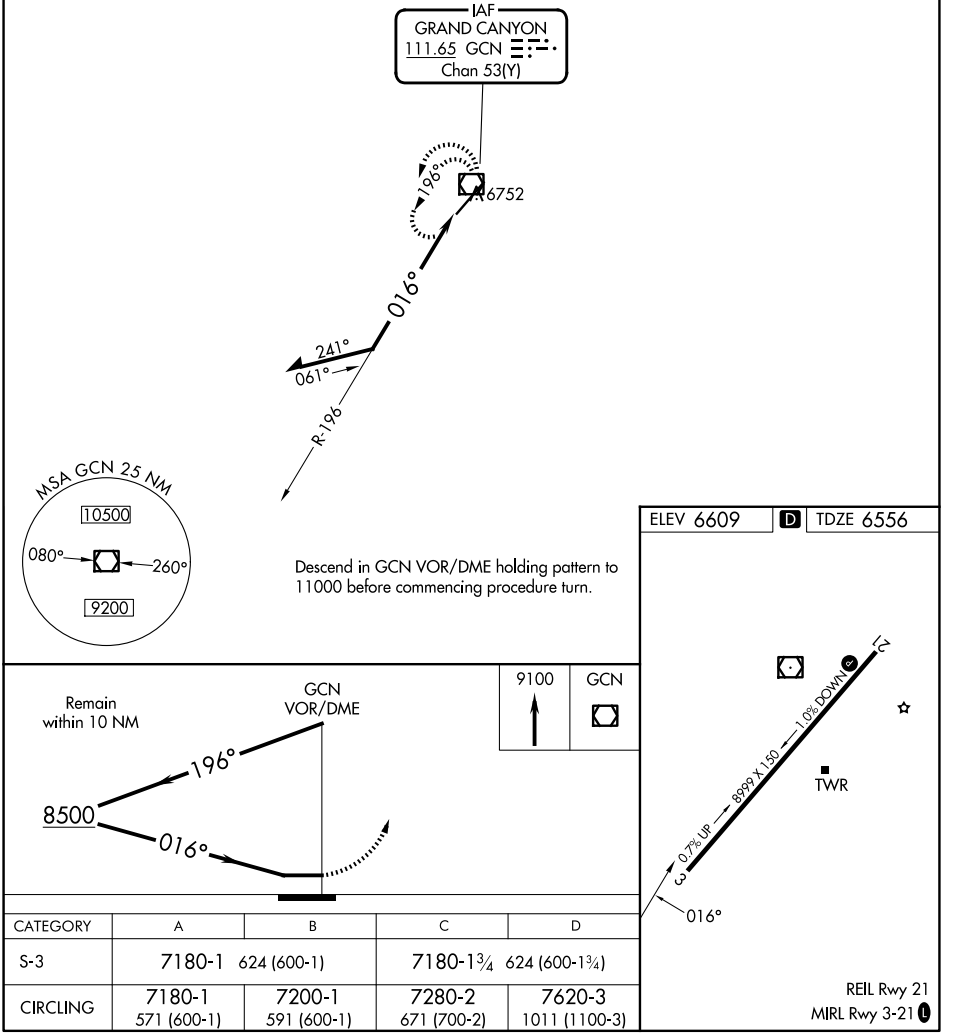
VOR RWY 3

GRAND CANYON NTL PARK (GCN)

Rwy 3 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 9100 in GCN VOR/DME holding pattern.

ATIS	LOS ANGELES CENTER	CANYON TOWER★	GND CON	UNICOM
124.3	124.85 319.2	119.0 (CTAF) L	121.9	122.95



CATEGORY	A	B	C	D
S-3	7180-1 624 (600-1)		7180-1¾ 624 (600-1¾)	
CIRCLING	7180-1 571 (600-1)	7200-1 591 (600-1)	7280-2 671 (700-2)	7620-3 1011 (1100-3)

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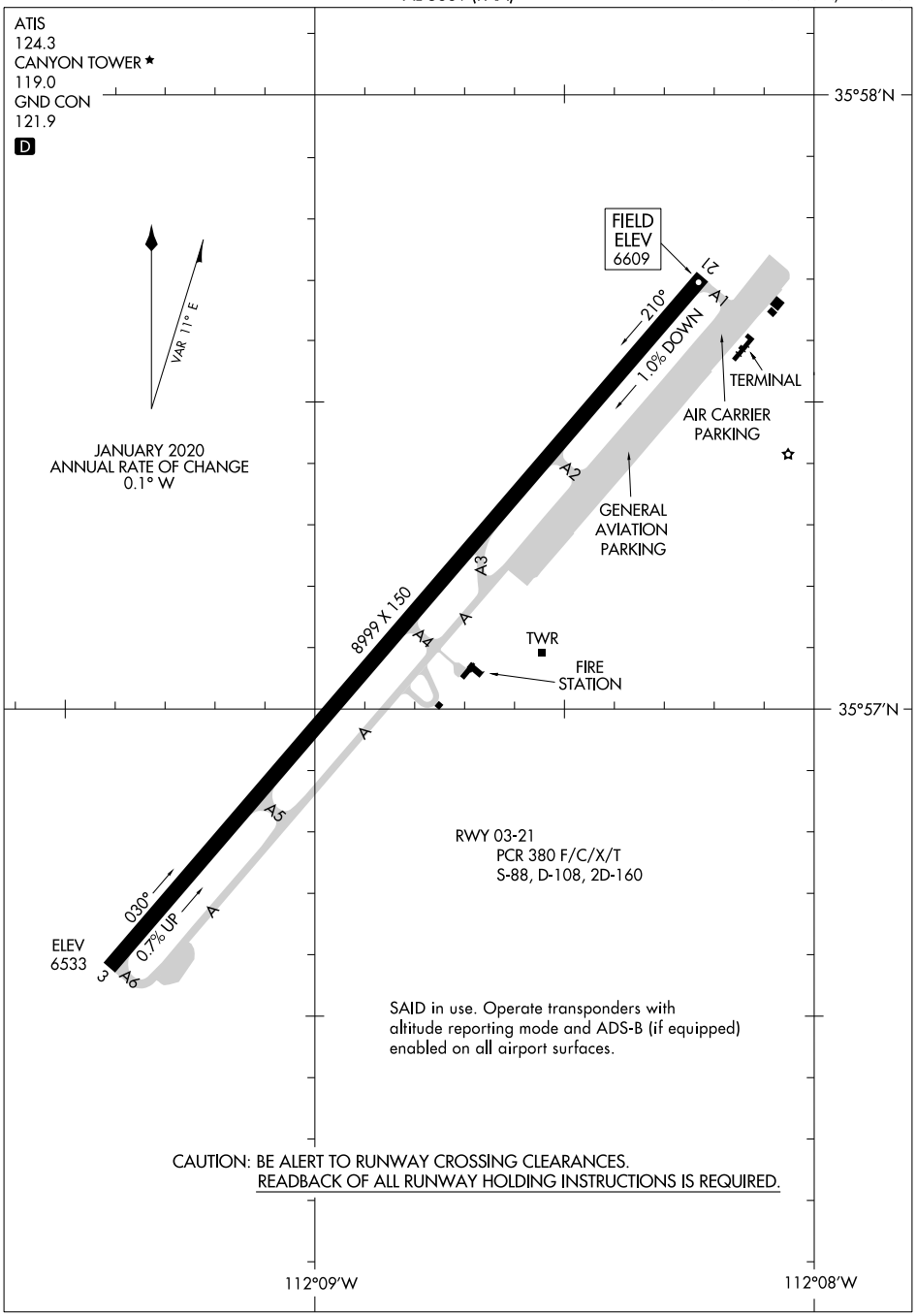
26134

AIRPORT DIAGRAM

AL-5381 (FAA)

GRAND CANYON NTL PARK (GCN)

GRAND CANYON, ARIZONA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

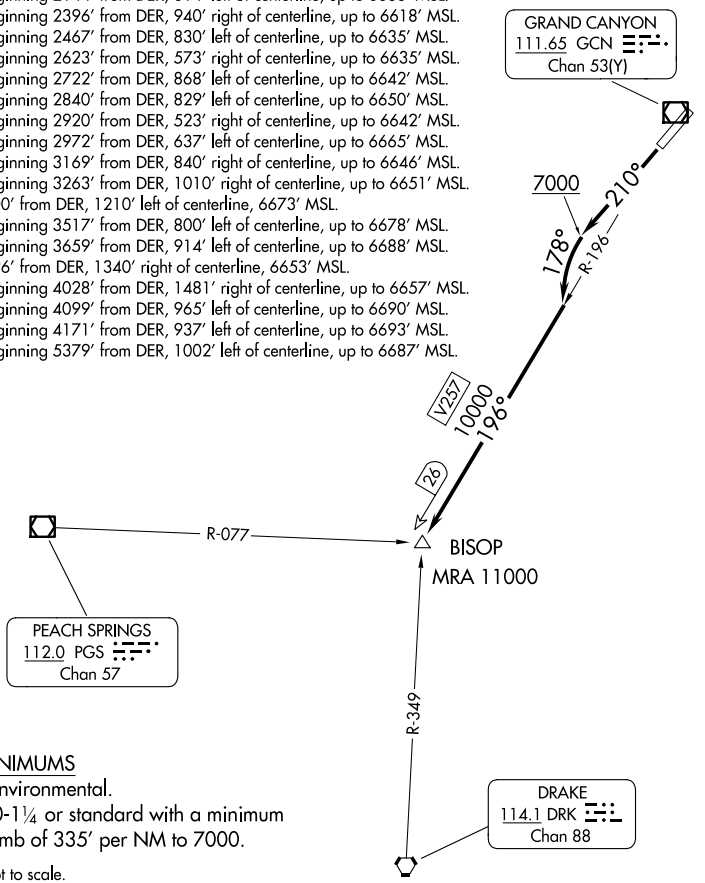
AIRPORT DIAGRAM
26134
GRAND CANYON, ARIZONA
GRAND CANYON NTL PARK (GCN)

SW-4, 03 SEP 2026 to 29 OCT 2026

TAKEOFF OBSTACLE NOTES

Rwy 21: Sign 10′ from DER, 330′ left of centerline, 5′ AGL/ 6536′ MSL.
Tree 282′ from DER, 481′ right of centerline, 6543′ MSL.
Ground 440′ from DER, 615′ left of centerline, 6545′ MSL.
Tree 1024′ from DER, 711′ right of centerline, 6568′ MSL.
Ground 1081′ from DER, 768′ left of centerline, 6571′ MSL.
Tree 1285′ from DER, 835′ right of centerline, 6575′ MSL.
Tree 1691′ from DER, 917′ left of centerline, 6610′ MSL.
Tree 1803′ from DER, 929′ left of centerline, 6621′ MSL.
Trees beginning 1943′ from DER, 835′ left of centerline, up to 6632′ MSL.
Tree 1960′ from DER, 993′ right of centerline, 6601′ MSL.
Tree, pole beginning 2060′ from DER, 912′ right of centerline, up to 6615′ MSL.
Trees beginning 2144′ from DER, 814′ left of centerline, up to 6633′ MSL.
Trees beginning 2396′ from DER, 940′ right of centerline, up to 6618′ MSL.
Trees beginning 2467′ from DER, 830′ left of centerline, up to 6635′ MSL.
Trees beginning 2623′ from DER, 573′ right of centerline, up to 6635′ MSL.
Trees beginning 2722′ from DER, 868′ left of centerline, up to 6642′ MSL.
Trees beginning 2840′ from DER, 829′ left of centerline, up to 6650′ MSL.
Trees beginning 2920′ from DER, 523′ right of centerline, up to 6642′ MSL.
Trees beginning 2972′ from DER, 637′ left of centerline, up to 6665′ MSL.
Trees beginning 3169′ from DER, 840′ right of centerline, up to 6646′ MSL.
Trees beginning 3263′ from DER, 1010′ right of centerline, up to 6651′ MSL.
Tree 3500′ from DER, 1210′ left of centerline, 6673′ MSL.
Trees beginning 3517′ from DER, 800′ left of centerline, up to 6678′ MSL.
Trees beginning 3659′ from DER, 914′ left of centerline, up to 6688′ MSL.
Tree 3996′ from DER, 1340′ right of centerline, 6653′ MSL.
Trees beginning 4028′ from DER, 1481′ right of centerline, up to 6657′ MSL.
Trees beginning 4099′ from DER, 965′ left of centerline, up to 6690′ MSL.
Trees beginning 4171′ from DER, 937′ left of centerline, up to 6693′ MSL.
Trees beginning 5379′ from DER, 1002′ left of centerline, up to 6687′ MSL.

ATIS 124.3
GND CON 121.9
CANYON TOWER★ 119.0
ALBUQUERQUE CENTER 128.45 298.9
LOS ANGELES CENTER 124.85 319.2
UNICOM 122.95



TAKEOFF MINIMUMS

Rwy 3: NA-Environmental.
Rwy 21: 200-1¼ or standard with a minimum climb of 335′ per NM to 7000.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 21: Climb heading 210° to 7000, then turn left heading 178° to intercept GCN VOR/DME R-196 to BISOP INT. Expect filed altitude 10 minutes after departure.

PARKS FOUR DEPARTURE

(PARKS4.PGS) 27APR17

GRAND CANYON, ARIZONA

GRAND CANYON NTL PARK (GCN)

ATIS
124.3
GND CON
121.9
CANYON TOWER★
119.0
LOS ANGELES CENTER
124.85 319.2
ALBUQUERQUE CENTER
128.45 298.9
UNICOM
122.95

TOP ALTITUDE: ASSIGNED BY ATC

N

GRAND CANYON
111.65 GCN
Chan 53(Y)

GUCRU
10000
MRA 10000

14
14
57

R-239
3
210°
273°

V208-210
10000
239°
(57)

R-058

PEACH SPRINGS
112.0 PGS
Chan 57

TAKEOFF MINIMUMS

Rwy 21: 200-1¼ or standard with minimum climb of 335′ per NM to 7000.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 21: Climb heading 210° until GCN 3 DME, then turn right heading 273° to intercept GCN R-239 to cross GUCRU/GCN 14 DME at or above 10000 then on V208-210 to PGS VOR/DME. Expect filed altitude 10 minutes after departure.

NOTE: DME required.

NOTE: Chart not to scale.

(PARKS4.PGS) 23334

PARKS FOUR DEPARTURE

AL-5381 (FAA)

GRAND CANYON NTL PARK (GCN)

GRAND CANYON, ARIZONA

RNAV (GPS) RWY 1

VALLE (4ØG)

APP CRS	Rwy Ldg	4199
008°	TDZE	5999
	Apt Elev	5999

RNP APCH.

T A NA — Procedure NA at night. Rwy 1 helicopter visibility reduction below 1 SM NA. Use Grand Canyon Ntl Park altimeter setting; when not received, procedure NA.

MISSED APPROACH: Climbing left turn to 10000 direct GCN VOR/DME and hold.

GCN ASOS	LOS ANGELES CENTER	UNICOM
124.3	124.85 319.2	122.8 (CTAF)

MISSED APCH FIX

GRAND CANYON GCN

7 NM 196° 016°

RW01

Procedure NA for arrivals at BISOP on V257 northbound.

BISOP 8800 113° (6.4)

(FAF) IVLEC

7500 008° (5)

(IAF) CAJLA 7800 098° (5)

(IF) JUDDU

8900 294° (6)

(IAF) JOKUD

11500 294° (27.9)

FLAGSTAFF FLG

Procedure NA for arrival on FLG VOR/DME airway radial 274 eastbound.

MSA RW01 25 NM 13400

ELEV 5999 TDZE 5999

61

4199 X 45

008°

JUDDU 7800 008° IVLEC 2.75° TCH 40 7500 RW01

10000 GCN

5 NM 5 NM

CATEGORY	A	B	C	D
LNAV MDA	6620-1 621 (700-1)		6620-1¾ 621 (700-1¾)	NA
CIRCLING	6620-1 621 (700-1)	6640-1 641 (700-1)	6640-1¾ 641 (700-1¾)	NA

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SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 19

VALLE (4ØG)

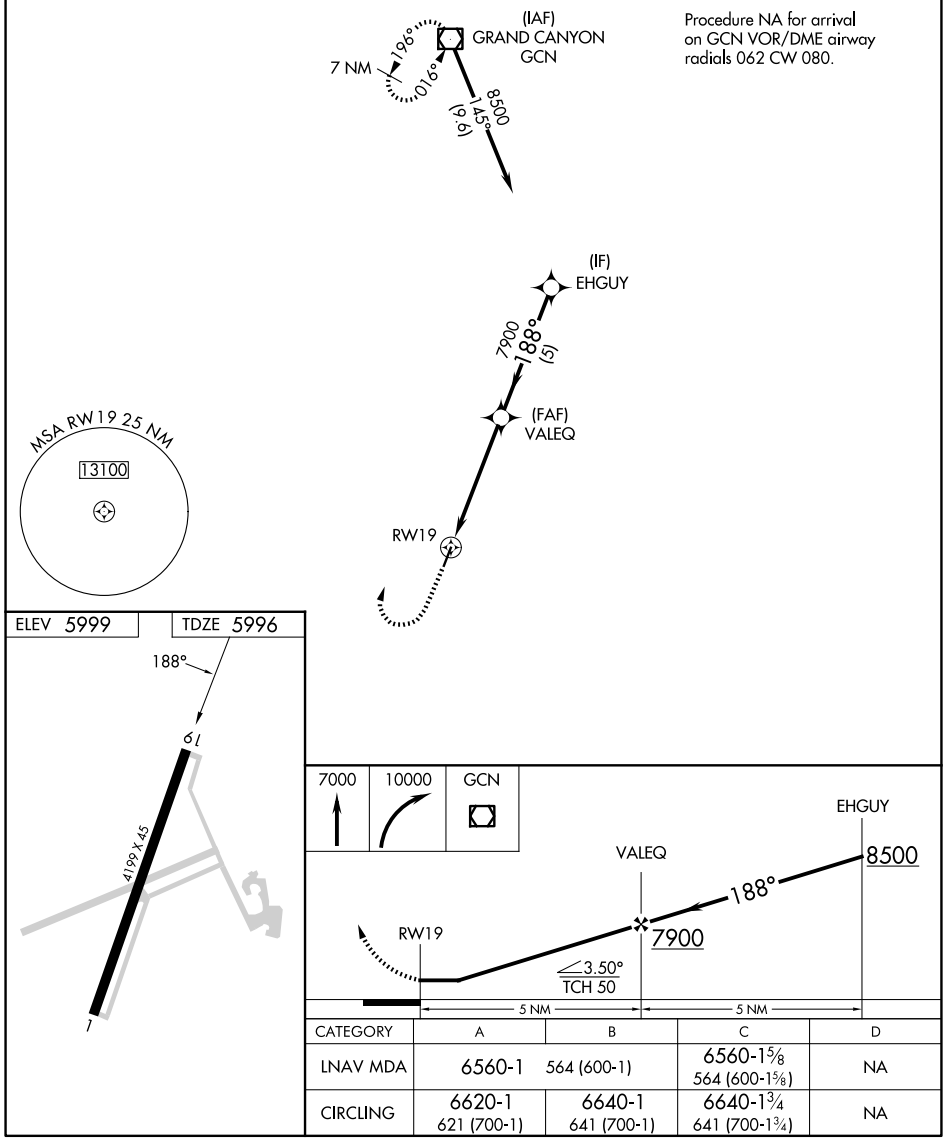
APP CRS	Rwy Ldg	4199
188°	TDZE	5996
	Apt Elev	5999

RNP APCH.

T
A NA Procedure NA at night. Rwy 19 helicopter visibility reduction below 1 SM NA. Use Grand Canyon Ntl Park altimeter setting; when not received, procedure NA.

MISSED APPROACH: Climb to 7000 then climbing right turn to 10000 direct GCN VOR/DME and hold.

GCN ASOS	LOS ANGELES CENTER	UNICOM
124.3	124.85 319.2	122.8 (CTAF)



CATEGORY	A	B	C	D
LNAV MDA	6560-1 564 (600-1)		6560-1⅝ 564 (600-1⅝)	NA
CIRCLING	6620-1 621 (700-1)	6640-1 641 (700-1)	6640-1¾ 641 (700-1¾)	NA

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS		
CH **53746**	**132°**	Rwy Idg	**5600**
W13A		TDZE	**4234**
		Apt Elev	**4234**

RNAV (GPS) RWY 13

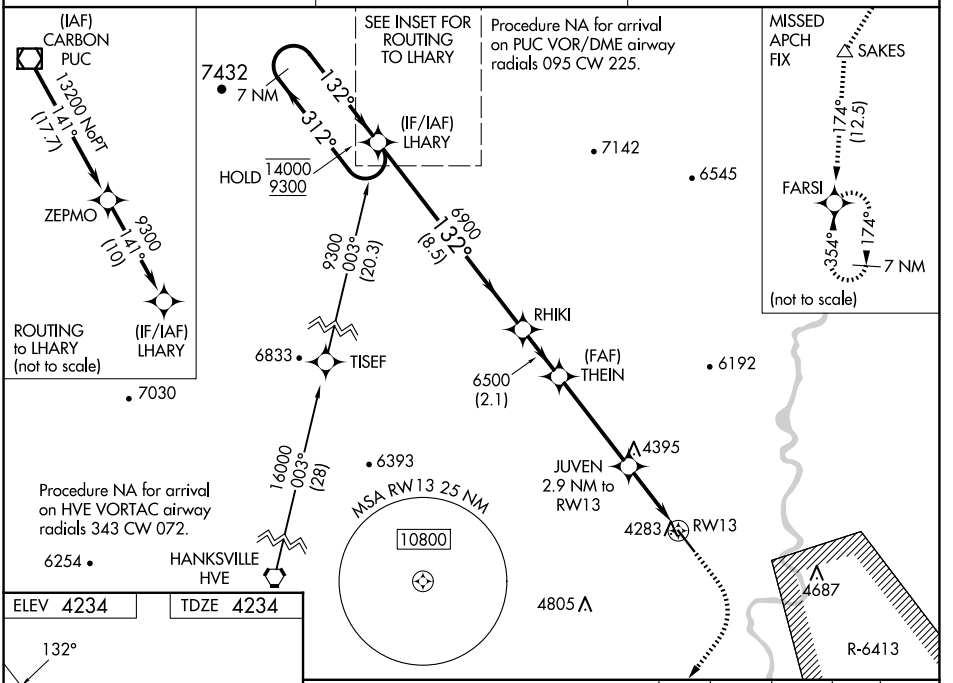
GREEN RIVER MUNI (U34)

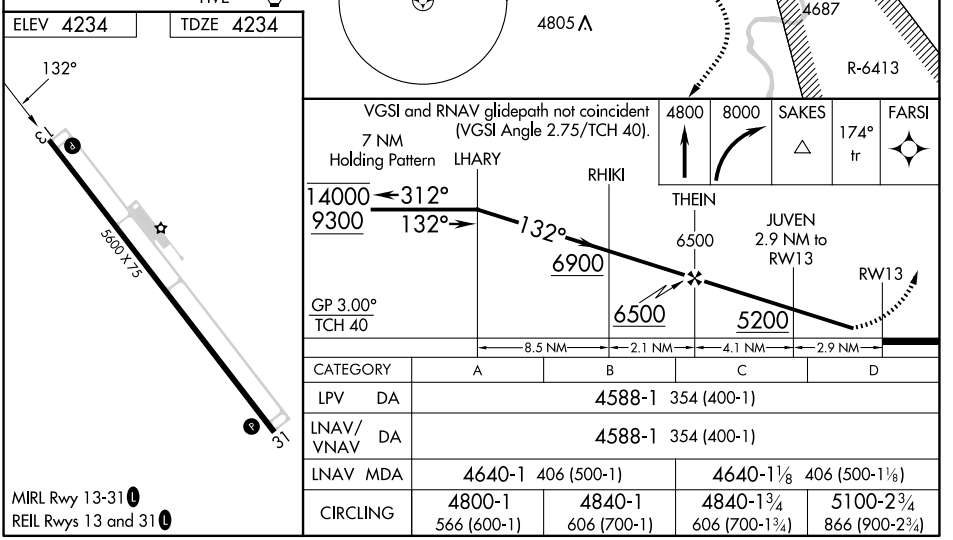
RNP APCH - GPS.

NA Rwy 13 helicopter visibility reduction below ¾ SM NA. Use Moab altimeter setting; when not received, use Hanksville altimeter setting and increase LPV DA to 4603 feet; increase LNAV/VNAV DA to 4603 feet; increase all MDAs 20 feet and LNAV visibility Cat C/D ⅛ SM, and Circling visibility Cat D ¼ SM. Baro-VNAV NA. Circling NA for Cats C and D notheast of Rwy 13-31.

MISSED APPROACH: Climb to 4800, then climbing right turn to 8000 direct SAKES and on 174° track to FARSI and hold.

CNY ASOS	SALT LAKE CENTER	UNICOM
118.525	**133.6 269.25**	**122.8** (CTAF)





CATEGORY	A	B	C	D
LPV DA	4588-1 354 (400-1)			
LNAV/VNAV DA	4588-1 354 (400-1)			
LNAV MDA	4640-1 406 (500-1)		4640-1⅛ 406 (500-1⅛)	
CIRCLING	4800-1 566 (600-1)	4840-1 606 (700-1)	4840-1¾ 606 (700-1¾)	5100-2¾ 866 (900-2¾)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

GREEN RIVER, UTAH | AL-9071 (FAA) | 24193

RNAV (GPS) RWY 31
GREEN RIVER MUNI (U34)

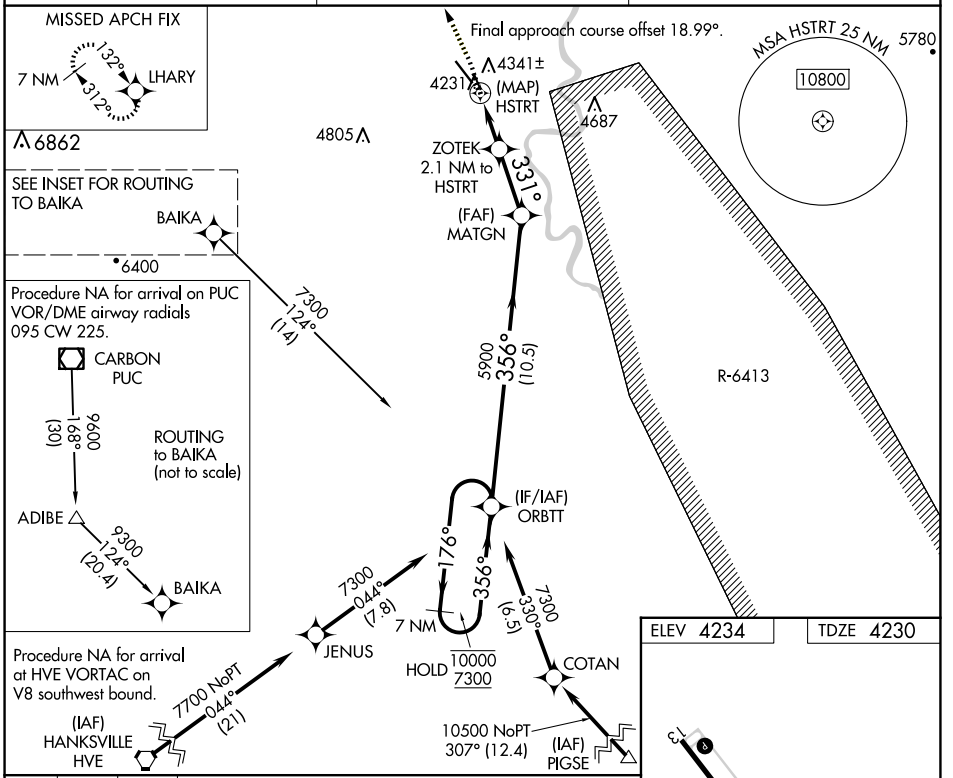
WAAS	APP CRS	Rwy Idg	5600
CH 99746	331°	TDZE	4230
W31A		Apt Elev	4234

RNP APCH - GPS.

T NA Rwy 31 helicopter visibility reduction below ¾ SM NA. Use Moab altimeter setting; when not received, use Hanksville altimeter setting and increase all MDAs 20 feet and LP visibility Cat C/D ⅛ SM, and Circling visibility Cat D ¼ SM. Circling NA for Cats C and D northeast of Rwy 13-31.

MISSED APPROACH: Climb to 4800, then climbing left turn to 9300 direct LHARY and hold, continue climb-in-hold to 9300.

CNY ASOS	SALT LAKE CENTER	UNICOM
118.525	133.6 269.25	122.8 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	4640-1 410 (500-1)		4640-1⅛ 410 (500-1⅛)	
LNAV MDA	4700-1 470 (500-1)		4700-1⅜ 470 (500-1⅜)	
CIRCLING	4800-1 566 (600-1)	4840-1 606 (700-1)	4840-1¾ 606 (700-1¾)	5100-2¾ 866 (900-2¾)

GREEN RIVER, UTAH
Orig 11JUL24

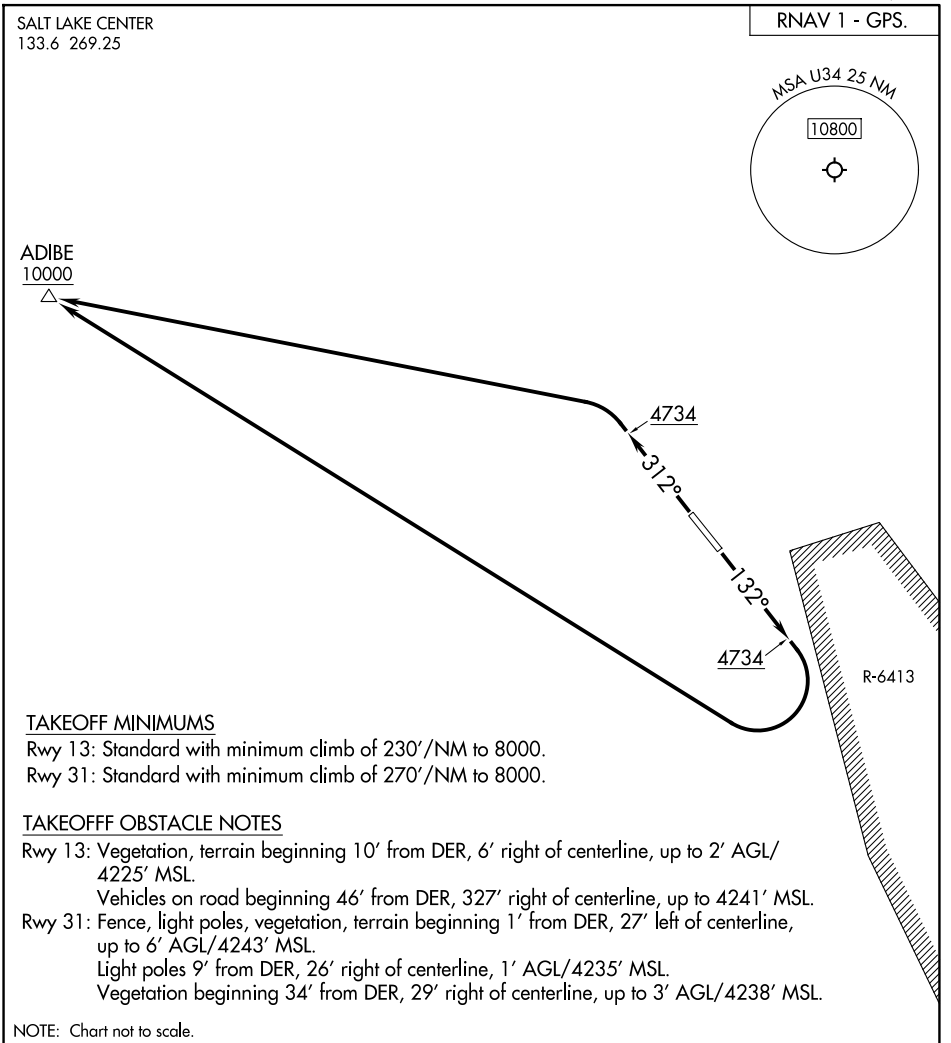
38°58'N-110°14'W

GREEN RIVER MUNI (U34)
RNAV (GPS) RWY 31

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ADIBE ONE DEPARTURE (OBSTACLE) (RNAV)



TAKEOFF MINIMUMS

Rwy 13: Standard with minimum climb of 230′/NM to 8000.
Rwy 31: Standard with minimum climb of 270′/NM to 8000.

TAKEOFFF OBSTACLE NOTES

Rwy 13: Vegetation, terrain beginning 10′ from DER, 6′ right of centerline, up to 2′ AGL/4225′ MSL.
Vehicles on road beginning 46′ from DER, 327′ right of centerline, up to 4241′ MSL.
Rwy 31: Fence, light poles, vegetation, terrain beginning 1′ from DER, 27′ left of centerline, up to 6′ AGL/4243′ MSL.
Light poles 9′ from DER, 26′ right of centerline, 1′ AGL/4235′ MSL.
Vegetation beginning 34′ from DER, 29′ right of centerline, up to 3′ AGL/4238′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 132° to 4734, then climbing right turn direct ADIBE, thence. . . .

TAKEOFF RUNWAY 31: Climb on heading 312° to 4734, then climbing left turn direct ADIBE, thence. . . .

. . . .cross ADIBE at or above 10000 before proceeding on assigned route of flight.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

HAWTHORNE, NEVADA AL-9919 (FAA) 25275

RNAV (GPS) RWY 28

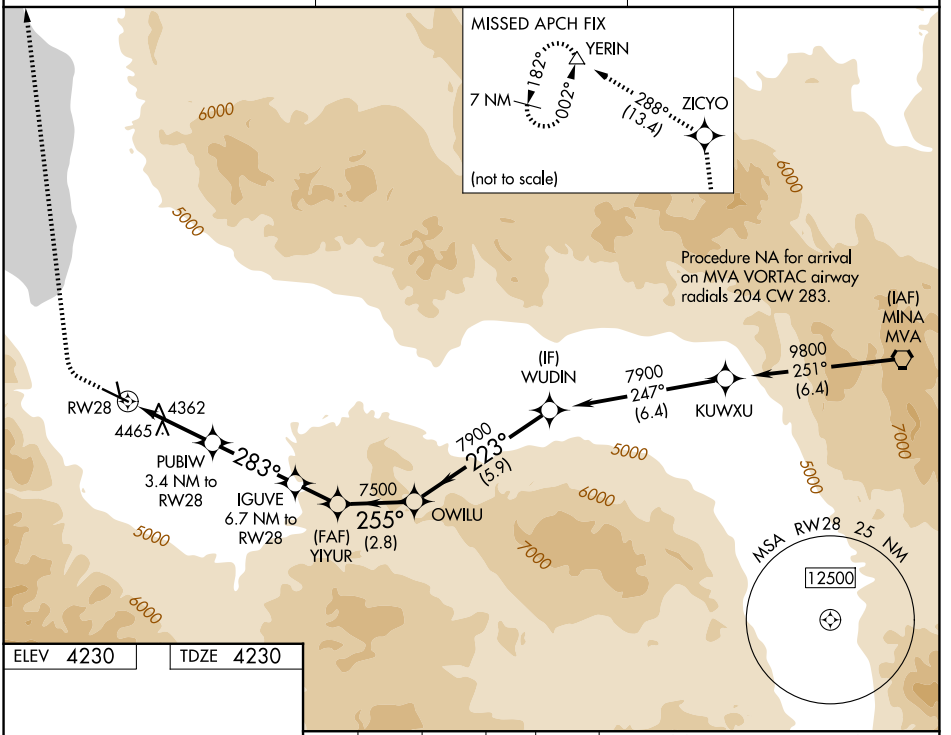
HAWTHORNE INDUSTRIAL (HTH)

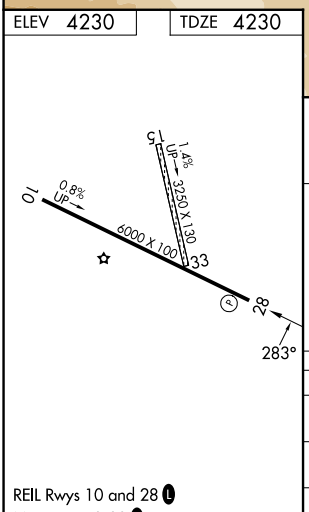
WAAS	APP CRS	Rwy Ldg	6000
CH 56540	283°	TDZE	4230
W28A		Apt Elev	4230

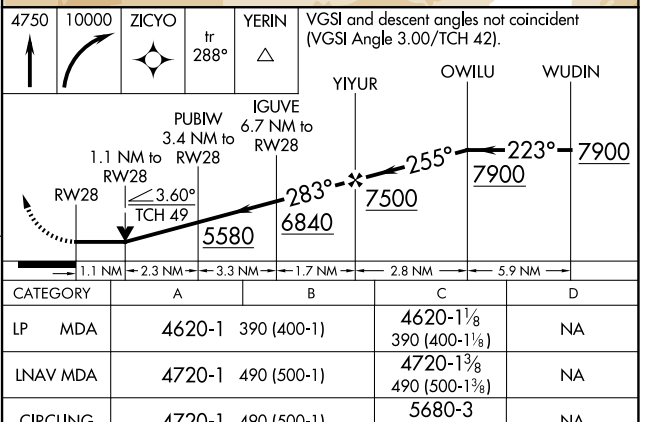
Circling NA to Rwys 15 and 33. When local altimeter setting not received, procedure NA. Circling NA south of Rwy 10-28. DME/DME RNP-0.3 NA. Rwy 28 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 4750 then climbing right turn to 10000 direct ZICYO and on track 288° to YERIN and hold.

AWOS-3	OAKLAND CENTER	UNICOM
120.225	125.75 284.65	122.8 (CTAF) L







CATEGORY	A	B	C	D
LP MDA	4620-1	390 (400-1)	4620-1⅛ 390 (400-1⅛)	NA
LNAV MDA	4720-1	490 (500-1)	4720-1⅜ 490 (500-1⅜)	NA
CIRCLING	4720-1	490 (500-1)	5680-3 1450 (1500-3)	NA

REIL Rwys 10 and 28 L
MIRL Rwy 10-28 L

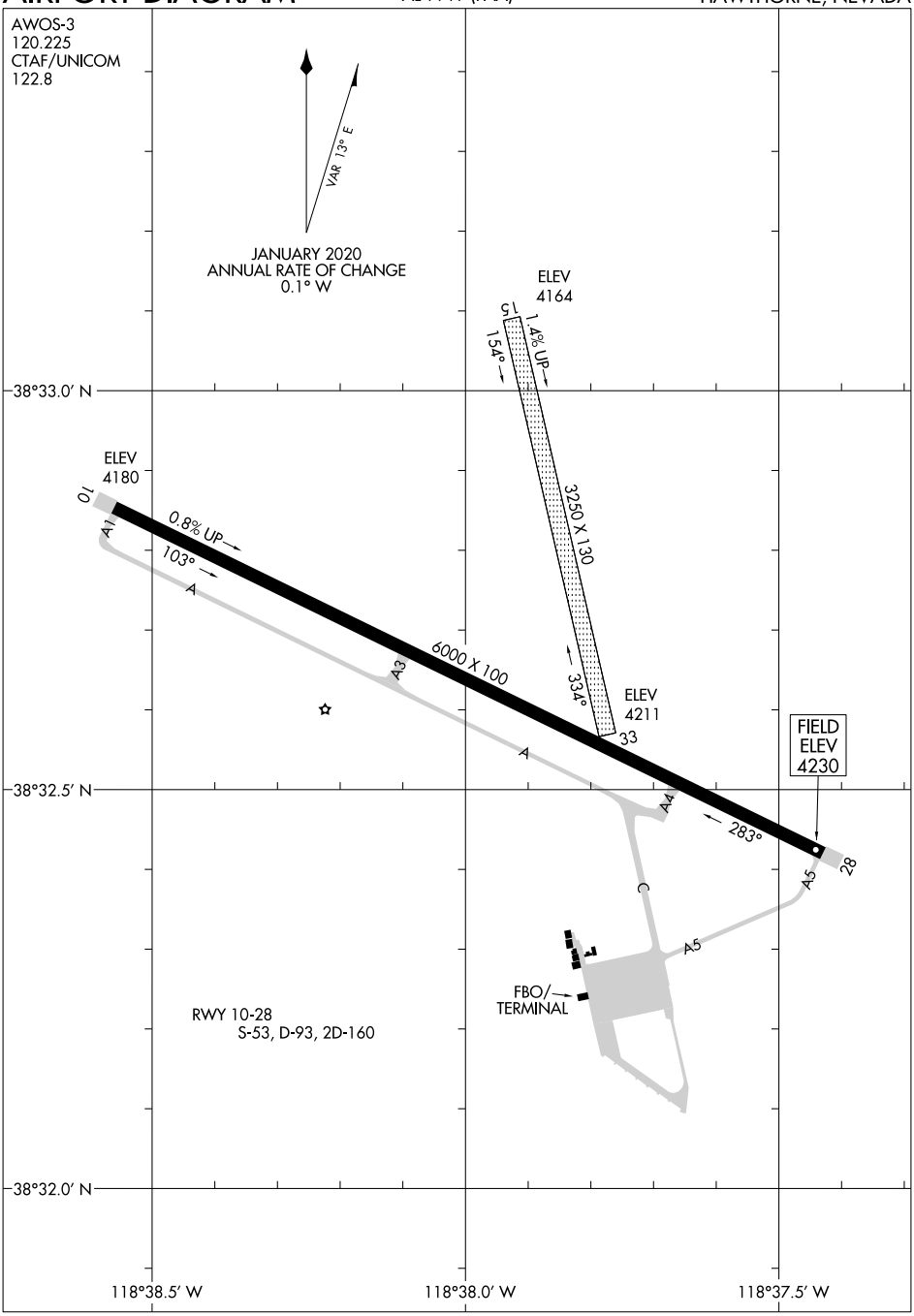
HAWTHORNE, NEVADA
Orig 14SEP17

38°33′N-118°38′W

HAWTHORNE INDUSTRIAL (HTH)

RNAV (GPS) RWY 28

SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026

HEBER, UTAH | AL-6969 (FAA) | 25219

RNAV (GPS)-A

HEBER VALLEY (HCR)

APP CRS	Rwy Ldg	N/A
179°	TDZE	N/A
	Apt Elev	5637

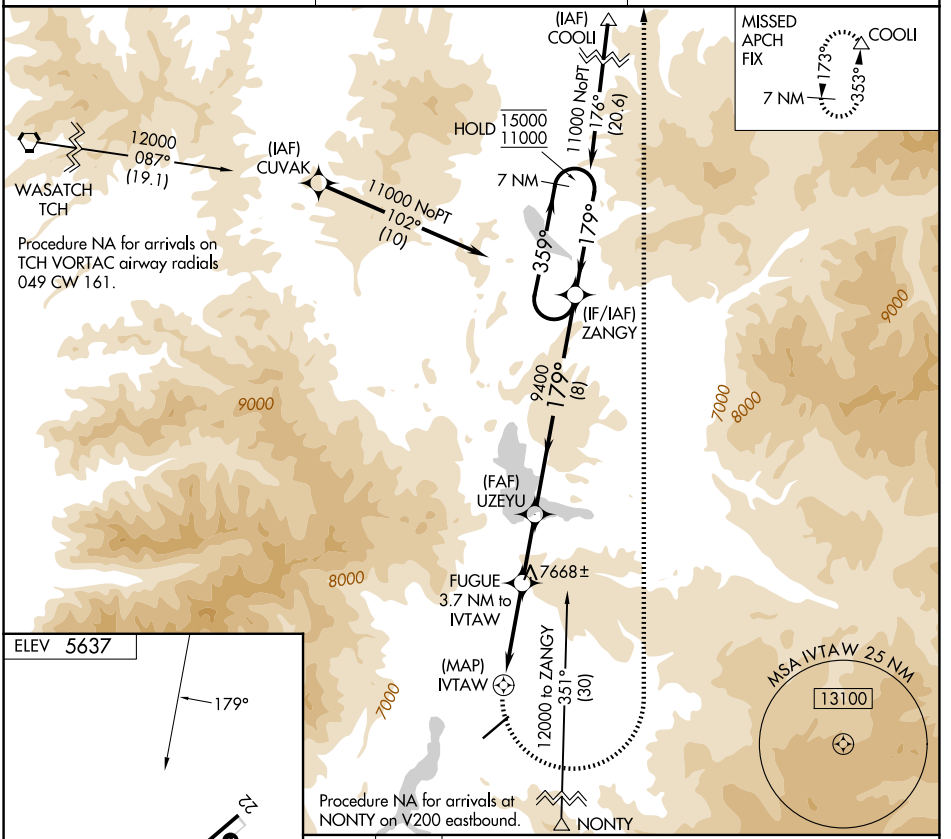
RNP APCH.

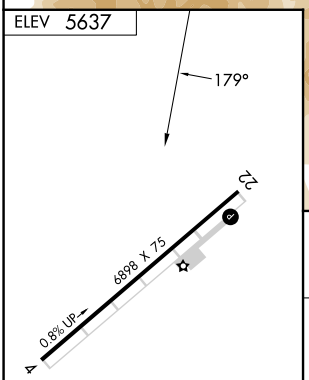
Circling NA south of Rwy 4-22.
Circling Rwy 4 NA at night.

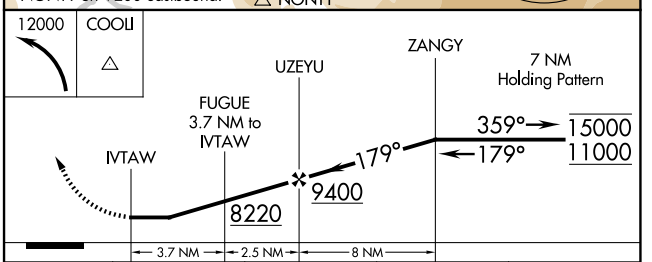
-16°C

MISSED APPROACH: (Do not exceed 210K until turn completion)
Climbing left turn to 12000 direct COOLI and hold.

AWOS-3PT	SALT LAKE CITY CENTER	UNICOM
124.825	119.95 377.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	8020-1½	2383 (2400-1½)	8020-3 2383 (2400-3)	NA

MIRL Rwy 4-22 L

HEBER, UTAH
Amdt 3A 15AUG19

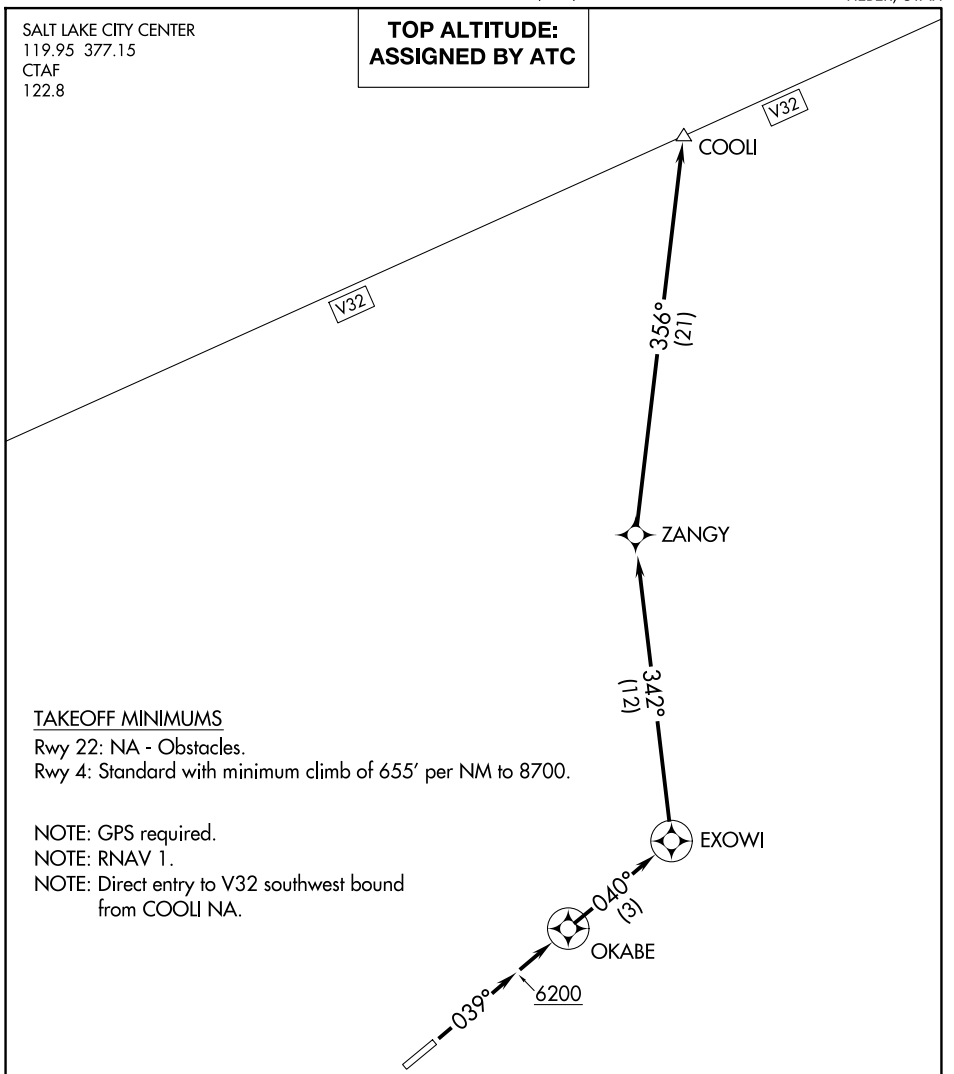
40°29'N-111°26'W

HEBER VALLEY (HCR)

RNAV (GPS)-A

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb heading 039° to 6200, then climb to 12000 (or maintain ATC assigned altitude) direct OKABE and on track 040° to EXOWI, then on depicted route to COOLI.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

OGDEN, UTAH

ILS or LOC X RWY 14

LOC I-HIF	APCH CRS	Rwy ldg 13,500 TDZE 4786 Arpt Elev 4789
109.9	139°	

[USAF] HILL AFB (KHIF)

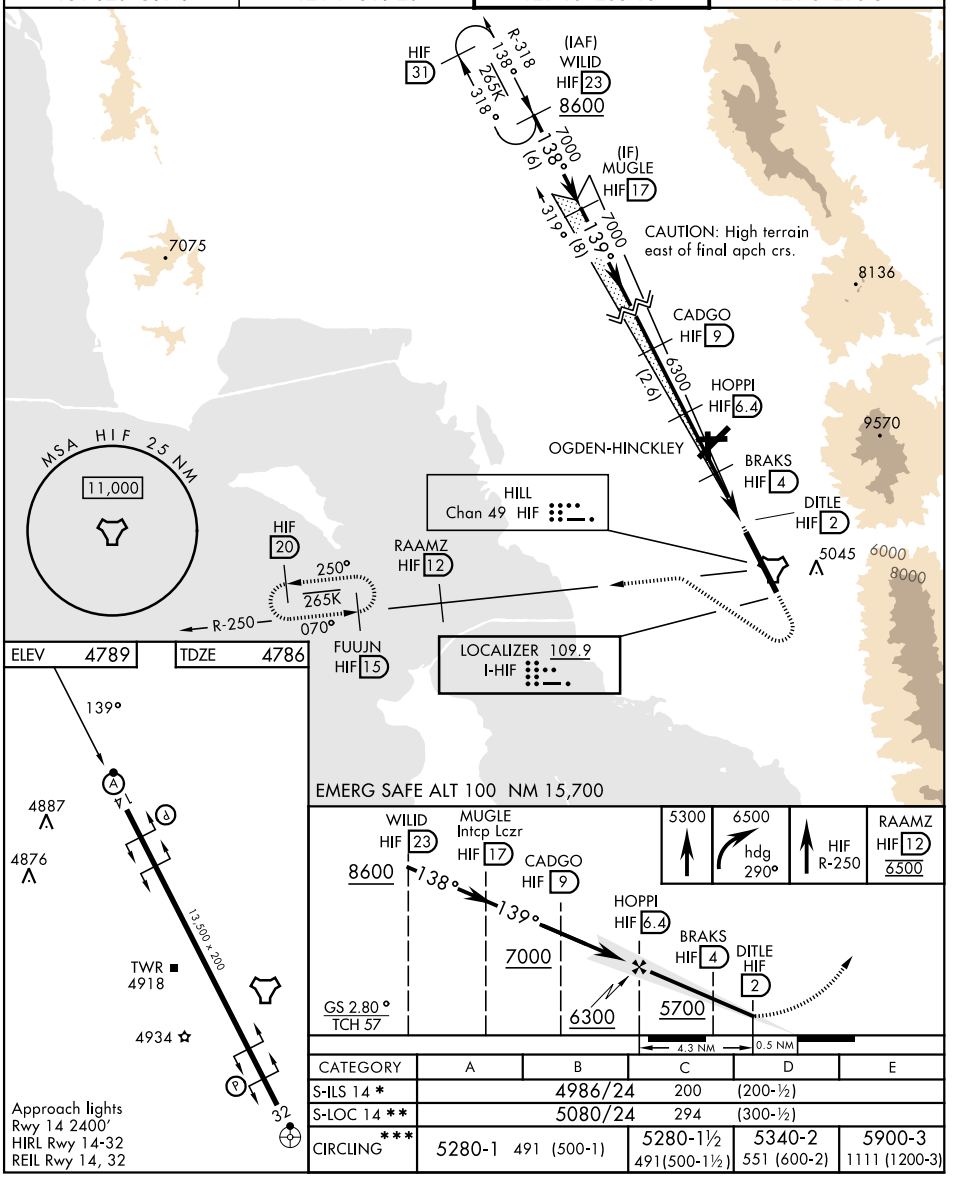
RADAR or DME required for LOC.

▼ * When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase RVR to 55 and vis to 1 mile.
*** Circling not authorized in sector NE of Rwy 14-32.

ALSF-2

MISSED APPROACH: Climb to 5300, then turn right heading 290°, remain within HIF TACAN 5.7 DME until established on 290° heading. Intercept the HIF R-250 outbound. Cross RAAMZ at 6500, then climb and maintain 7200 direct to FUUJN and hold.

ATIS	SALT LAKE CITY APP CON	TOWER	GND CON
134.925 397.9	121.1 319.25	127.15 263.15	121.6 275.8



CATEGORY	A	B	C	D	E
S-ILS 14 *		4986/24	200	(200-½)	
S-LOC 14 **		5080/24	294	(300-½)	
CIRCLING ***	5280-1 491 (500-1)		5280-1½ 491(500-1½)	5340-2 551 (600-2)	5900-3 1111 (1200-3)

41°07'N-111°58'W

ILS or LOC X RWY 14

SW-4, 03 SEP 2026 to 29 OCT 2026

OGDEN, UTAH

TACAN X RWY 14

HILL AFB (KHIF)

(USAF)

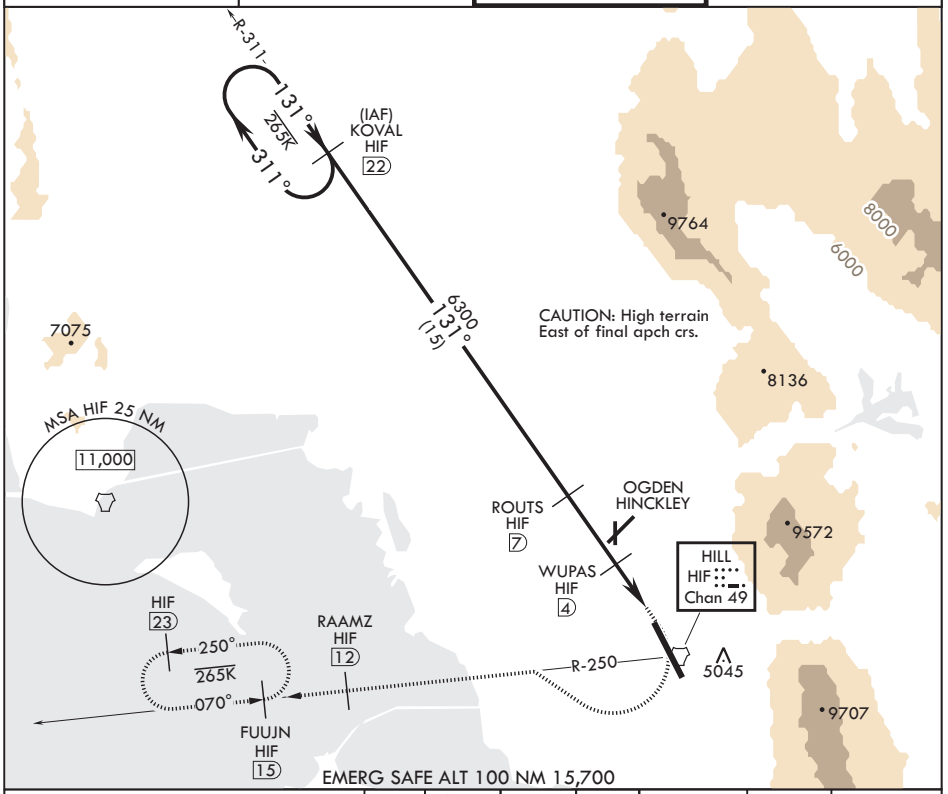
TACAN HIF Chan 49	APCH CRS 131°	Rwy ldg 13,500 TDZE 4786 Arpt Elev 4789

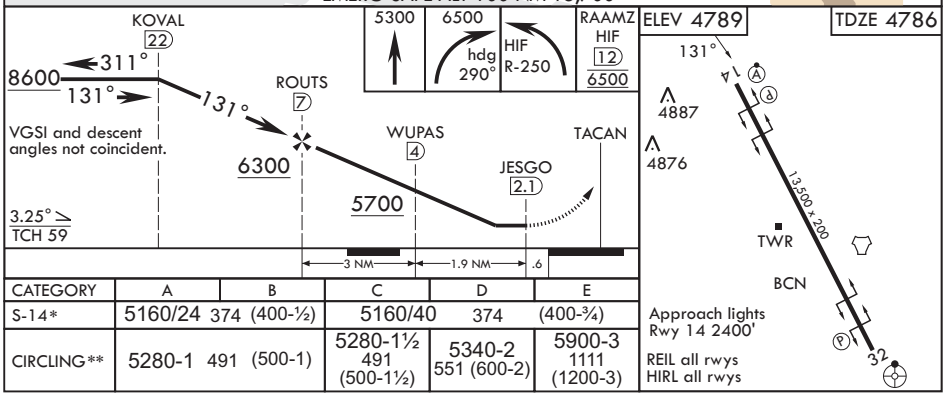
* When ALS inop, increase RVR to 55, vis to 1 mile.
** Circling not authorized in sector NE of Rwy 14-32.

ALSF-2

MISSED APPROACH: Climb to 5300, then turn right heading 290°, remain within HIF TACAN 5.7 DME until established on 290° heading. Intercept HIF R-250 outbound. Cross RAAMZ at 6500, then climb and maintain 7200 direct to FUUJN and hold.

ATIS	SALT LAKE CITY APP CON	TOWER	GND CON
134.925 397.9	121.1 319.25	127.15 263.15	121.6 275.8





CATEGORY	A	B	C	D	E
S-14*	5160/24	374 (400-½)	5160/40	374	(400-¾)
CIRCLING**	5280-1	491 (500-1)	5280-1½ 491 (500-1½)	5340-2 551 (600-2)	5900-3 1111 (1200-3)

OGDEN, UTAH

41°07'N - 111°58'W

HILL AFB (KHIF)

Amdt 7 05OCT23

TACAN X RWY 14

SW-4, 03 SEP 2026 to 29 OCT 2026

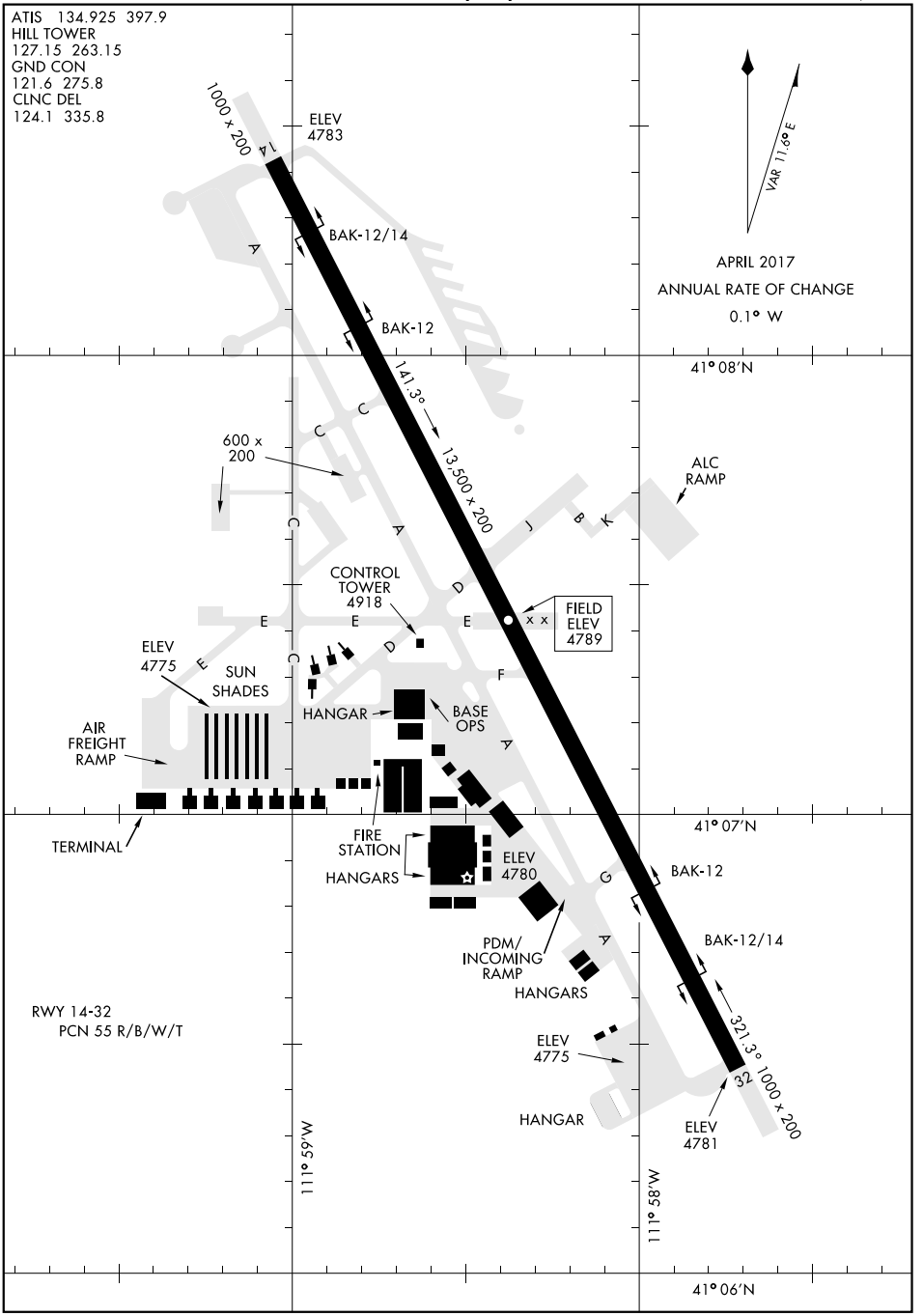
17117

AIRPORT DIAGRAM

HILL AFB (KHIF)

AFD-296 [USAF]

OGDEN, UTAH



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

OGDEN, UTAH

HILL AFB (KHIF)

DEVLN 1 DP (DEVLN1.DEVLN)

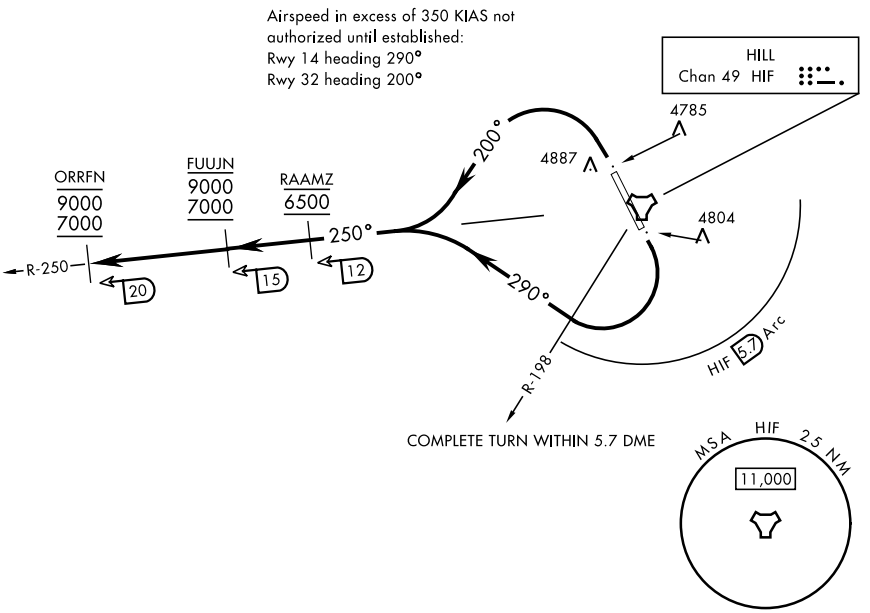
[USAF]

OGDEN, UTAH

ATIS 134.925 397.9
TOWER
127.15 263.15
SALT LAKE CITY
DEP CON
121.1 319.25
CLOVER CON
134.1 285.65

Rwy	Knots	60	120	180	240	300	360
14	V/V(fpm)	2095	4190	6285	8380	10475	12570
32	V/V(fpm)	4610	9220	13830	18440	23050	27660

ATC Climb Rate to 5200



EMERG SAFE ALT 100 NM 15,700

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 14: Turn right heading 290°, remain within HIF TACAN 5.7 DME until passing the HIF R-198 and established on a heading greater than 256°, intercept HIF R-250 outbound prior to HIF 12 DME, cross RAAMZ at 6500, climb and maintain 7000 block 9000 as depicted.

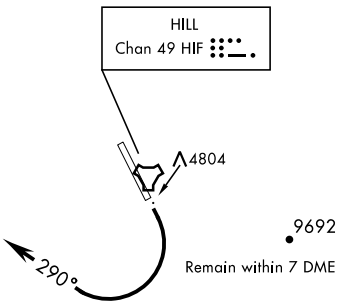
TAKEOFF RWY 32: Turn left heading 200°, intercept HIF TACAN R-250 outbound prior to HIF 12 DME, cross RAAMZ at 6500, climb and maintain 7000 block 9000 as depicted.

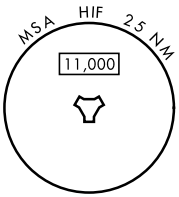
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FREMONT 1 (VECTOR) DP (FRMNT1.FRMNT)

[USAF]

ATIS 134.925 397.9
CLNC DEL
124.1 335.8
GND CON
121.6 275.8
HILL TOWER
127.15 263.15
SALT LAKE CITY
DEP CON
121.1 319.25
CLOVER CON
134.1 285.65





Lost Communications: If radio contact has not been established by HIF R-225 or 12 DME, squawk 7600 and immediately climb to 7500 MSL.

EMERG SAFE ALT 100 NM 15,700

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 14: Turn right heading 290°, remain within HIF TACAN 7 DME, maintain 6500.

TACAN OUT: Turn right heading 290°, maintain 6500.

LGTNG 1 DP (LGTNG1.LGTNG)

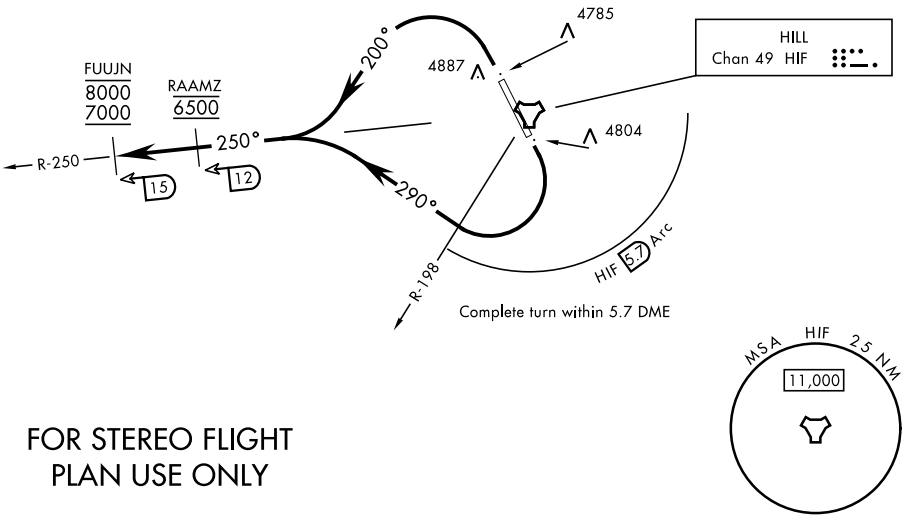
[USAF]
OGDEN, UTAH

ATIS 134.925 397.9
TOWER
127.15 263.15
SALT LAKE CITY
DEP CON
121.1 319.25
CLOVER CON
134.1 285.65

Rwy	Knots	60	120	180	240	300	360
14	V/V(fpm)	2095	4190	6285	8380	10475	12570
32	V/V(fpm)	4610	9220	13830	18440	23050	27660

ATC Climb Rate to 5200

Airspeed in excess of 350 KIAS not authorized until established:
Rwy 14 heading 290°
Rwy 32 heading 200°



FOR STEREO FLIGHT PLAN USE ONLY

EMERG SAFE ALT 100 NM 15,700

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 14: Turn right heading 290°, remain within HIF TACAN 5.7 DME until passing the HIF R-198 and established on a heading greater than 256°, intercept HIF R-250 outbound prior to HIF 12 DME, cross RAAMZ at 6500, climb and maintain 7000 block 8000.

TAKEOFF RWY 32: Turn left heading 200°, intercept HIF TACAN R-250 outbound prior to HIF 12 DME, cross RAAMZ at 6500, climb and maintain 7000 block 8000.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

24305

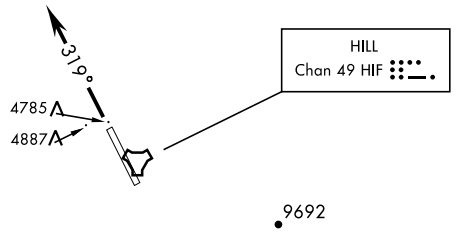
HILL AFB (KHIF)

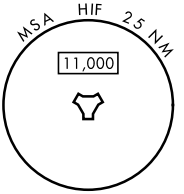
WILLARD 1 (VECTOR) DP (WLLRD1.WLLRD)

[USAF]

OGDEN, UTAH

ATIS 134.925 397.9
CLNC DEL
124.1 335.8
GND CON
121.6 275.8
HILL TOWER
127.15 263.15
SALT LAKE CITY
DEP CON
121.1 319.25
CLOVER CON
134.1 285.65





EMERG SAFE ALT 100 NM 15,700

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 32: Track heading 319°, maintain 7000.

WILLARD 1 (VECTOR) DP (WLLRD1.WLLRD)

OGDEN, UTAH

Orig 31OCT24

HILL AFB (KHIF)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	N/A
194°	TDZE	N/A
	Apt Elev	5915

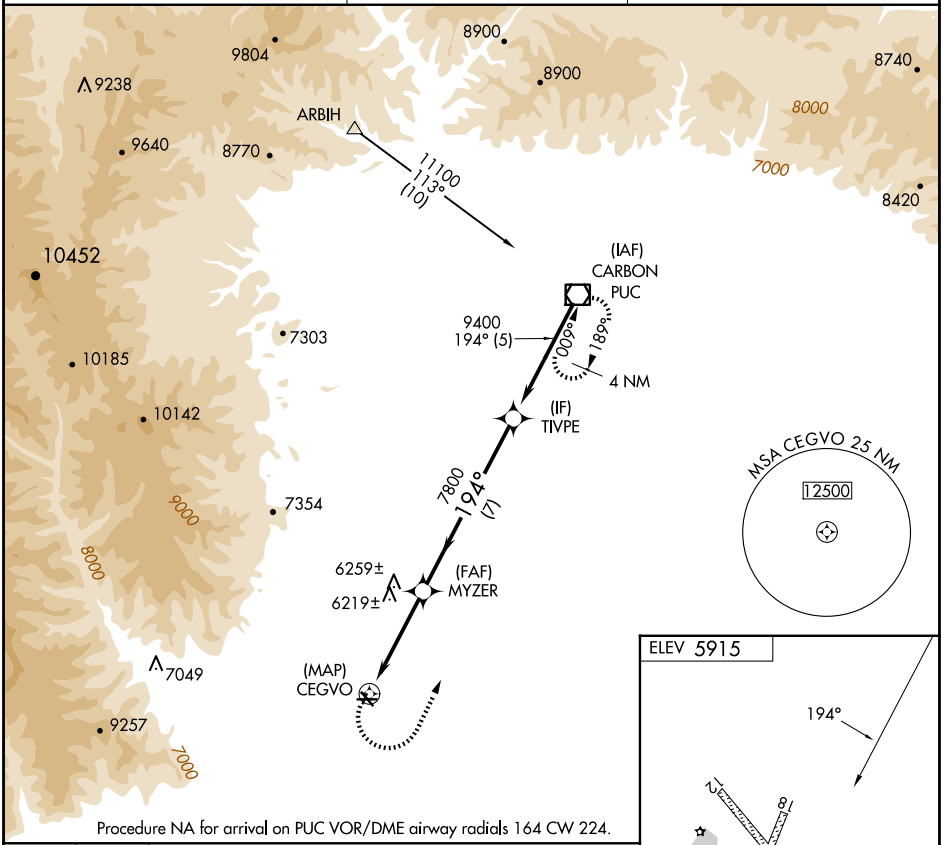
RNAV (GPS)-C

HUNTINGTON MUNI (69V)

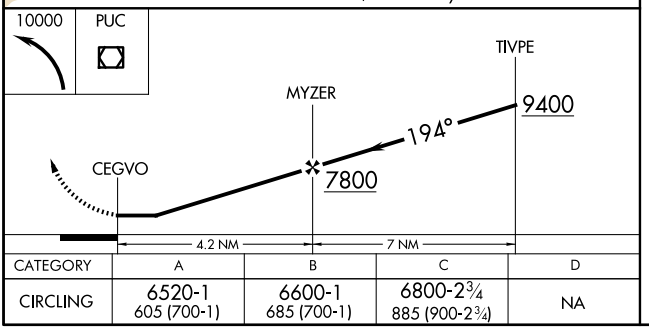
Rwy 8, 12, 26, 30 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Procedure NA at night. Use Price altimeter setting; when not received, procedure NA. Circling NA to Rwys 12-30 and 18-36.

MISSED APPROACH: Climbing left turn to 10000 direct PUC VOR/DME and hold.

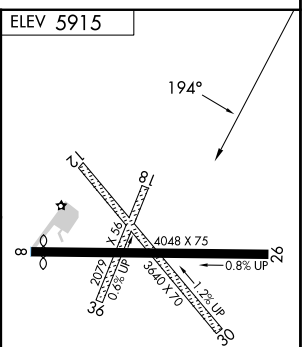
PUC ASOS	SALT LAKE CENTER	UNICOM
135.425	133.9 370.85	122.8 (CTAF) L



Procedure NA for arrival on PUC VOR/DME airway radials 164 CW 224.



CATEGORY	A	B	C	D
CIRCLING	6520-1 605 (700-1)	6600-1 685 (700-1)	6800-2¾ 885 (900-2¾)	NA



MIRL Rwy 8-26 L

SW-4, 03 SEP 2026 to 29 OCT 2026

HUNTINGTON, UTAH | AL-6693 (FAA) | 25163

VOR/DME PUC	APP CRS	Rwy Ldg	N/A
115.5	194°	TDZE	N/A
Chan 102		Apt Elev	5915

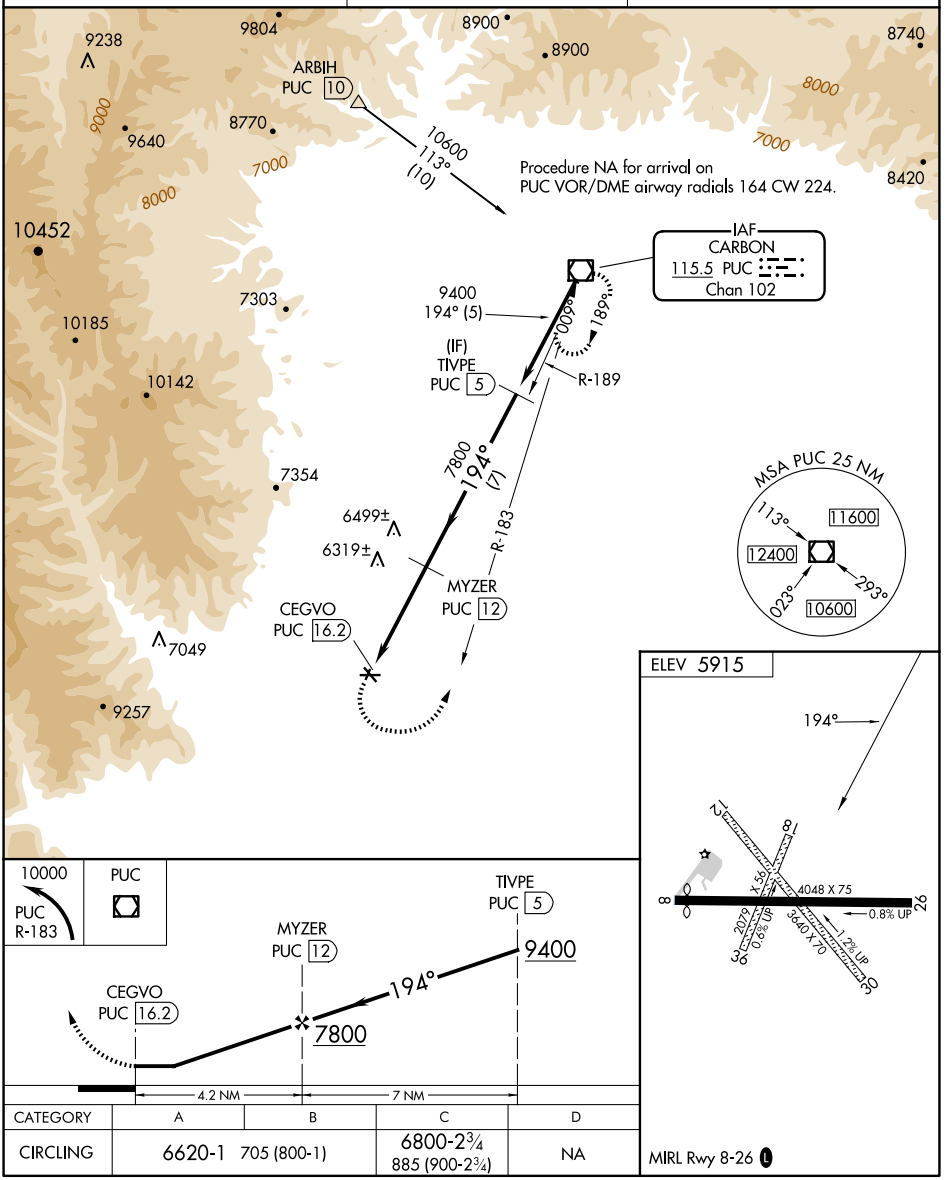
VOR-B

HUNTINGTON MUNI (69V)

T NA Rwy 8, 12, 26, 30 helicopter visibility reduction below 1 SM NA. DME required. Procedure NA at night. Use Price altimeter setting; when not received, procedure NA. Circling NA to Rwys 12-30 and 18-36.

MISSED APPROACH: Climbing left turn to 10000 on PUC VOR/DME R-183 to PUC VOR/DME and hold.

PUC ASOS	SALT LAKE CENTER	UNICOM
135.425	133.9 370.85	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	6620-1 705 (800-1)		6800-2¾ 885 (900-2¾)	NA

MIRL Rwy 8-26 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 1

KANAB MUNI (KNB)

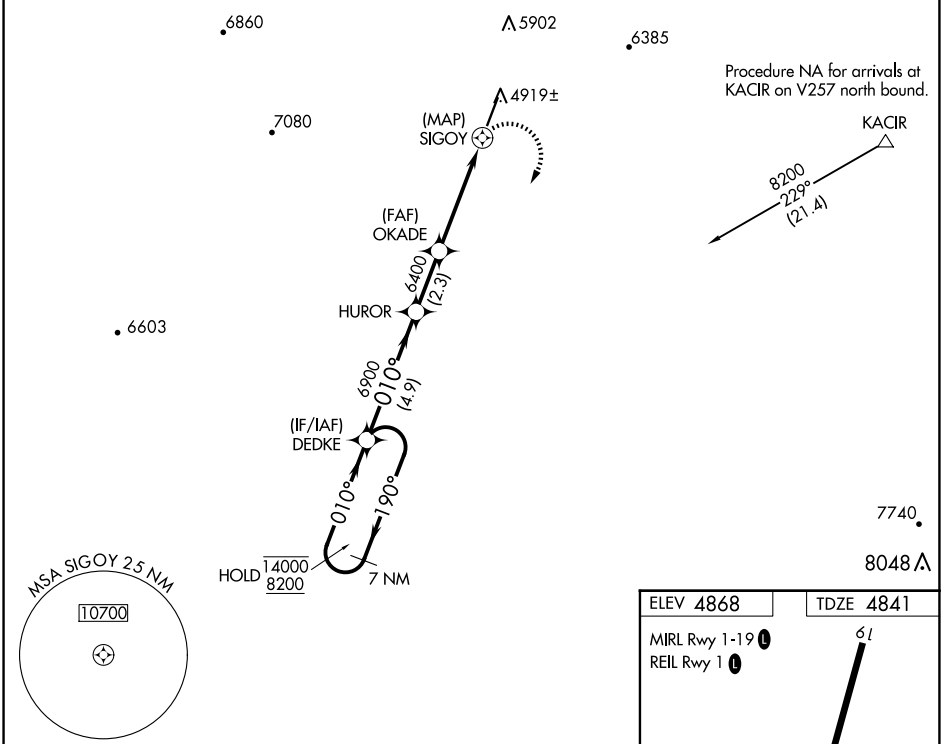
APP CRS	Rwy Idg	6200
010°	TDZE	4841
	Apt Elev	4868

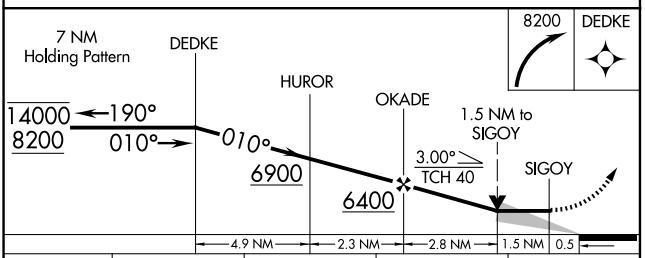
RNP APCH - GPS.

Circling Rwy 19 NA at night. Circling NA for Cat C west of Rwy 1-19.

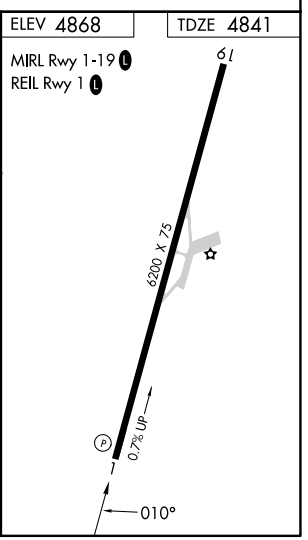
MISSED APPROACH: Climbing right turn to 8200 direct DEDKE and hold, continue climb-in-hold to 8200.

AWOS-3	LOS ANGELES CENTER	UNICOM
133.175	124.2 343.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	5500-1 659 (700-1)		5800-3 959 (1000-3)	NA
CIRCLING	5500-1 632 (700-1)	6100-1½ 1232 (1300-1½)	6400-3 1532 (1600-3)	NA



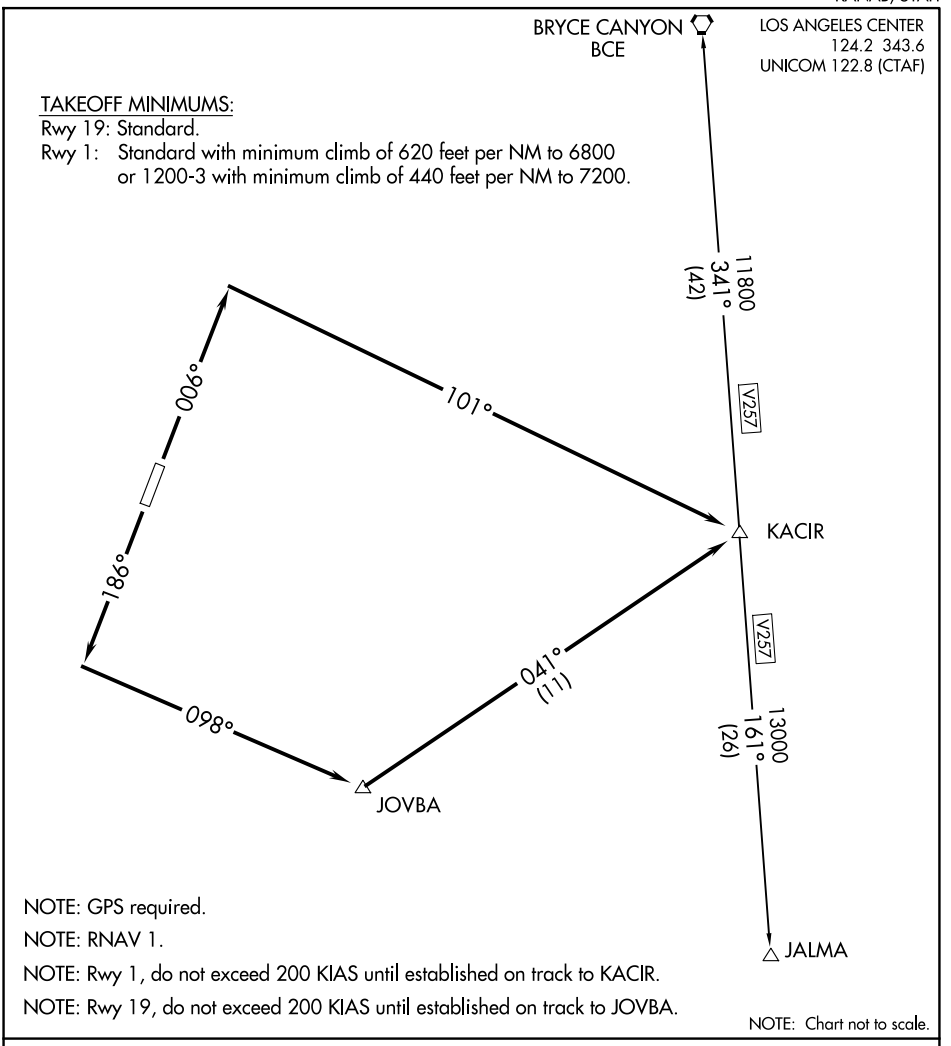
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(KACIR2.KACIR) 17341

KACIR TWO DEPARTURE (RNAV)

AL-9072 (FAA)

KANAB MUNI (KNB)
KANAB, UTAH



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Climb heading 006° to intercept course 101° to KACIR, thence. . . .

TAKEOFF RWY 19: Climb heading 186° to intercept course 098° to JOVBA, then on track 041° to KACIR, thence. . . .

. . . . (transition).

BRYCE CANYON TRANSITION (KACIR2.BCE)

JALMA TRANSITION (KACIR2.JALMA)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH 86312 W03A	APP CRS 033°	Rwy Ldg 6827 TDZE 3412 Apt Elev 3449

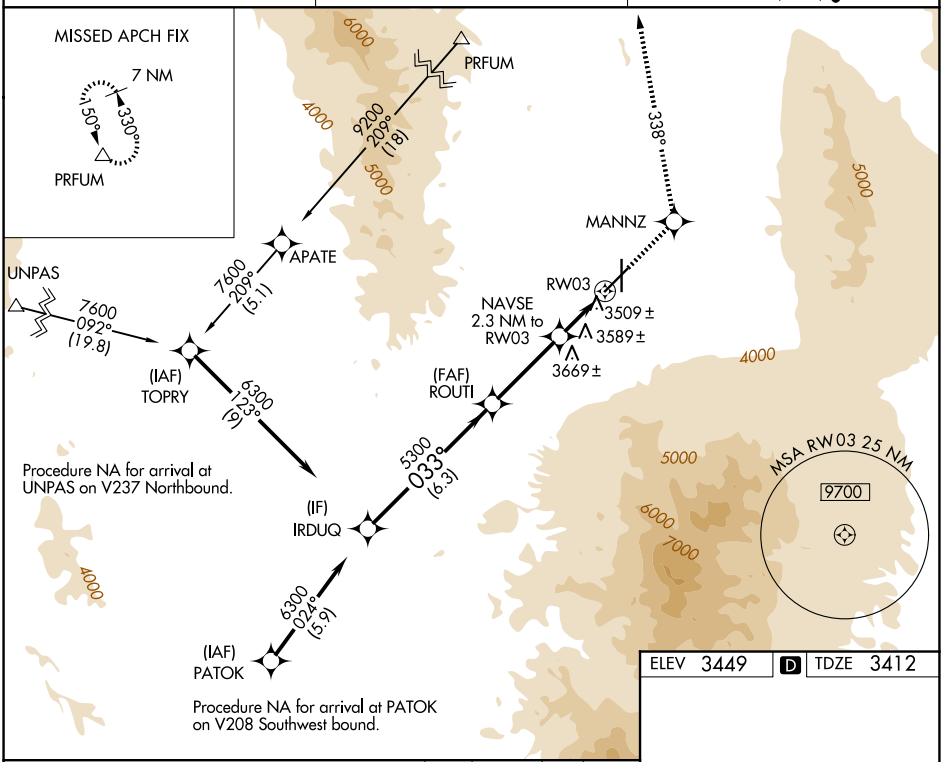
RNAV (GPS) RWY 3

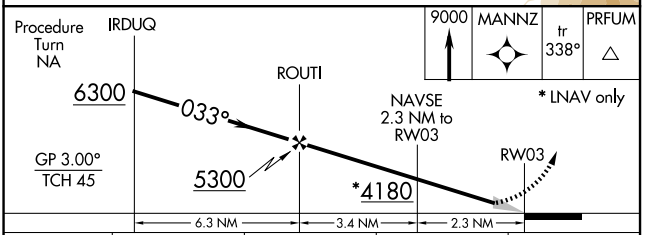
KINGMAN (IGM)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-5°F) or above 42°C (107°F). DME/DME RNP-0.3 NA. Circling NA for Cat D southeast of Rwy 3-21. Circling Rwy 35 NA at night.

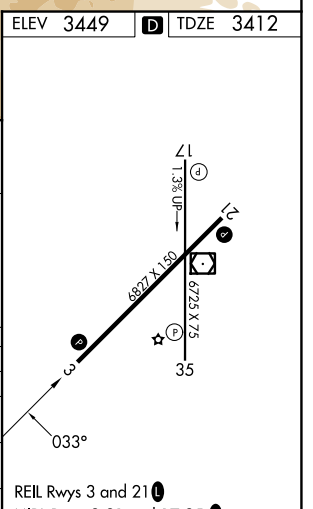
MISSED APPROACH: Climb to 9000 direct MANNZ and via track 338° to PRFUM and hold, continue climb-in-hold to 9000.

ASOS	LOS ANGELES CENTER	UNICOM
119.275	124.85 319.2	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA		3713-1	301 (400-1)	
LNAV/VNAV DA		3952-2	540 (600-2)	
LNAV MDA	3840-1	428 (500-1)	3840-1¼ 428 (500-1¼)	3840-1½ 428 (500-1½)
CIRCLING	3980-1 531 (600-1)	4100-1 651 (700-1)	4420-3 971 (1000-3)	



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

KINGMAN, ARIZONA | AL-215 (FAA) | 25219

APP CRS	Rwy Ldg	6827
198°	TDZE	3403
	Apt Elev	3449

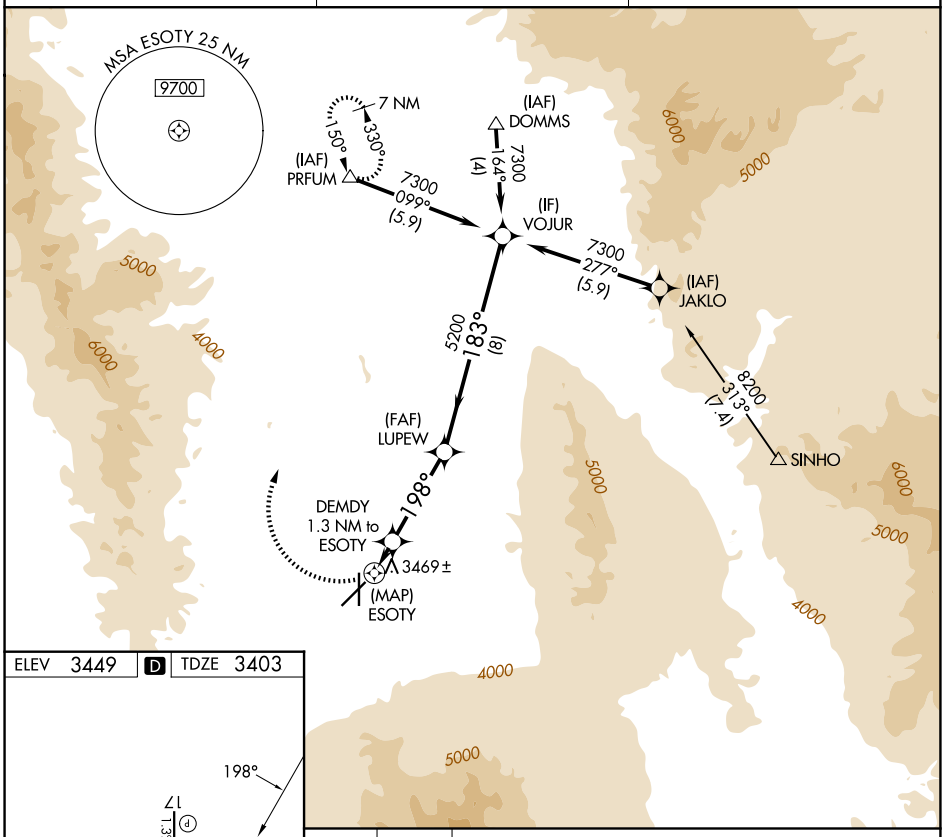
RNAV (GPS) Y RWY 21

KINGMAN (IGM)

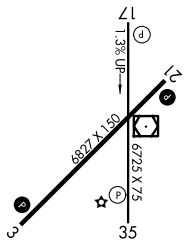
DME/DME RNP-0.3 NA. Circling NA for Cat D southeast of Rwy 3-21. Circling Rwy 35 NA at night.

MISSED APPROACH: Climbing right turn to 9000 direct PRFUM and hold, continue climb-in-hold to 9000.

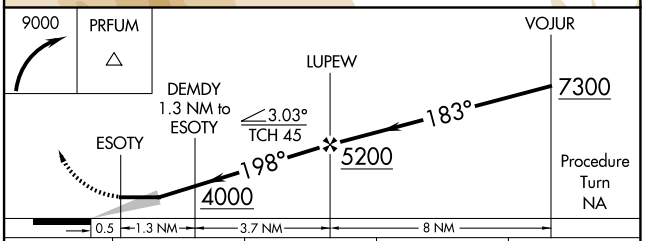
ASOS	LOS ANGELES CENTER	UNICOM
119.275	124.85 319.2	122.8 (CTAF) L



ELEV 3449 | D | TDZE 3403



REIL Rwys 3 and 21 L
MIRL Rwys 3-21 and 17-35 L



CATEGORY	A	B	C	D
LNAV MDA	3820-1 417 (400-1)		3820-1¼ 417 (400-1¼)	
CIRCLING	3980-1 531 (600-1)	4100-1 651 (700-1)	4420-3 971 (1000-3)	

KINGMAN, ARIZONA
Orig-C 20MAY21

35°16′N-113°56′W

KINGMAN (IGM)

RNAV (GPS) Y RWY 21

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) Z RWY 21

KINGMAN (IGM)

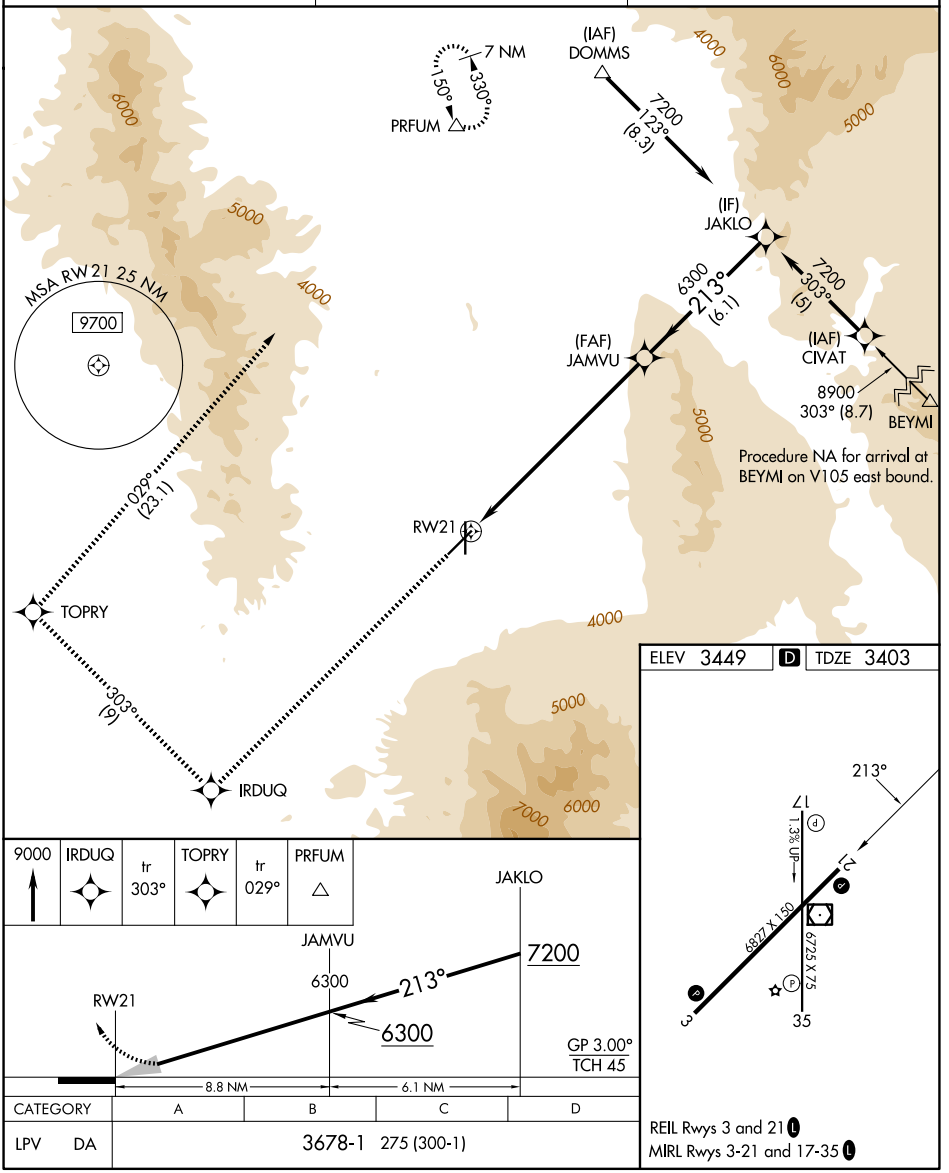
WAAS CH 70612 W21A	APP CRS 213°	Rwy Ldg 6827 TDZE 3403 Apt Elev 3449

RNP APCH - GPS.

NA

MISSED APPROACH: Climb to 9000 direct IRDUQ and on track 303° to TOPRY and on track 029° to PRFUM and hold.

ASOS	LOS ANGELES CENTER	UNICOM
119.275	124.85 319.2	122.8 (CTAF) L



9000	IRDUQ	tr 303°	TOPRY	tr 029°	PRFUM

CATEGORY	A	B	C	D
LPV DA	3678-1 275 (300-1)			

ELEV 3449 D TDZE 3403

REIL Rwys 3 and 21 L

MIRL Rwys 3-21 and 17-35 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

KINGMAN, ARIZONA | AL-215 (FAA) | 26246

VOR/DME RWY 21

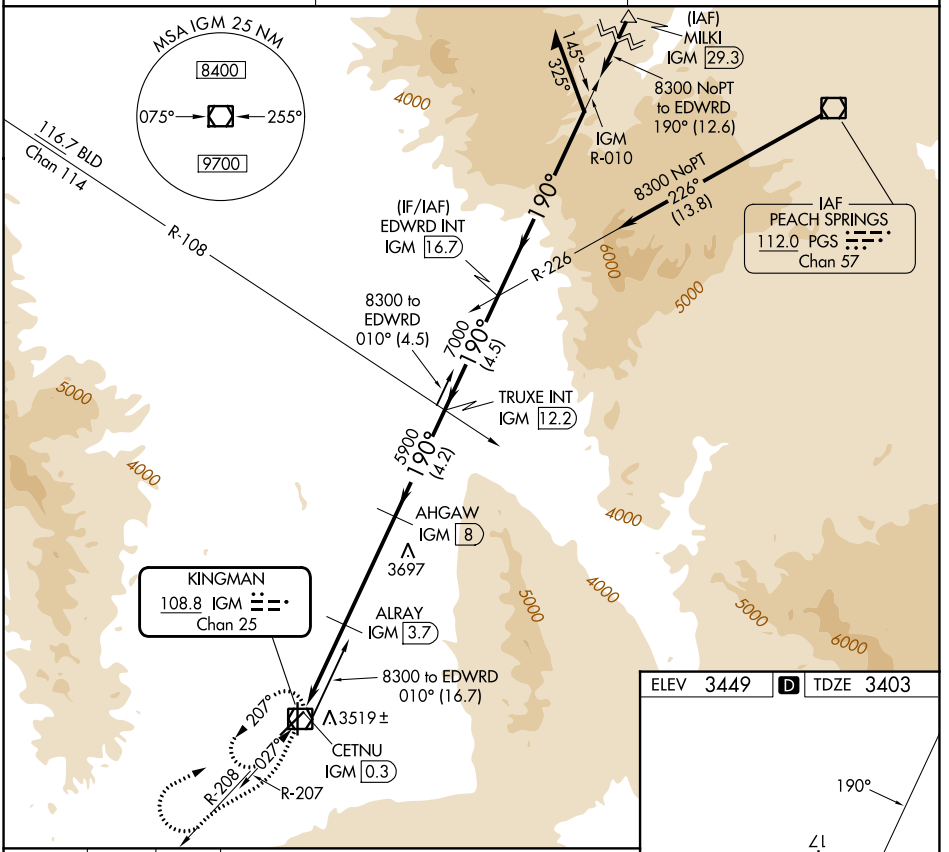
KINGMAN (IGM)

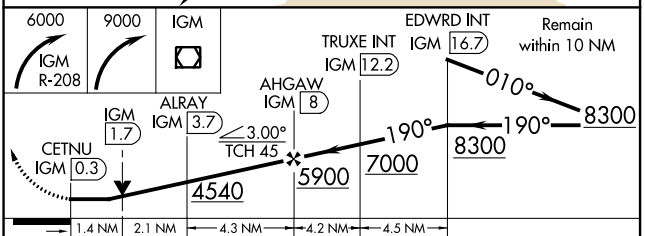
VOR/DME IGM	APP CRS	Rwy Ldg	6827
108.8	190°	TDZE	3403
Chan 25		Apt Elev	3449

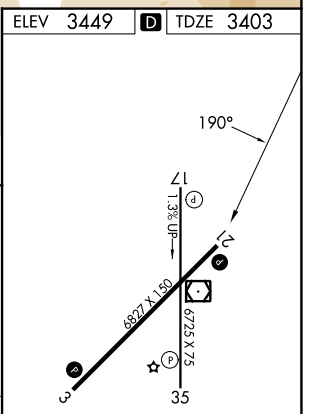
Circling Rwy 35 NA at night. When local altimeter not received, procedure NA.

MISSED APPROACH: Climbing right turn to 6000 via IGM VOR/DME R-208 then climbing right turn to 9000 direct IGM VOR/DME and hold.

ASOS	LOS ANGELES CENTER	UNICOM
119.275	124.85 319.2	122.8 (CTAF) L



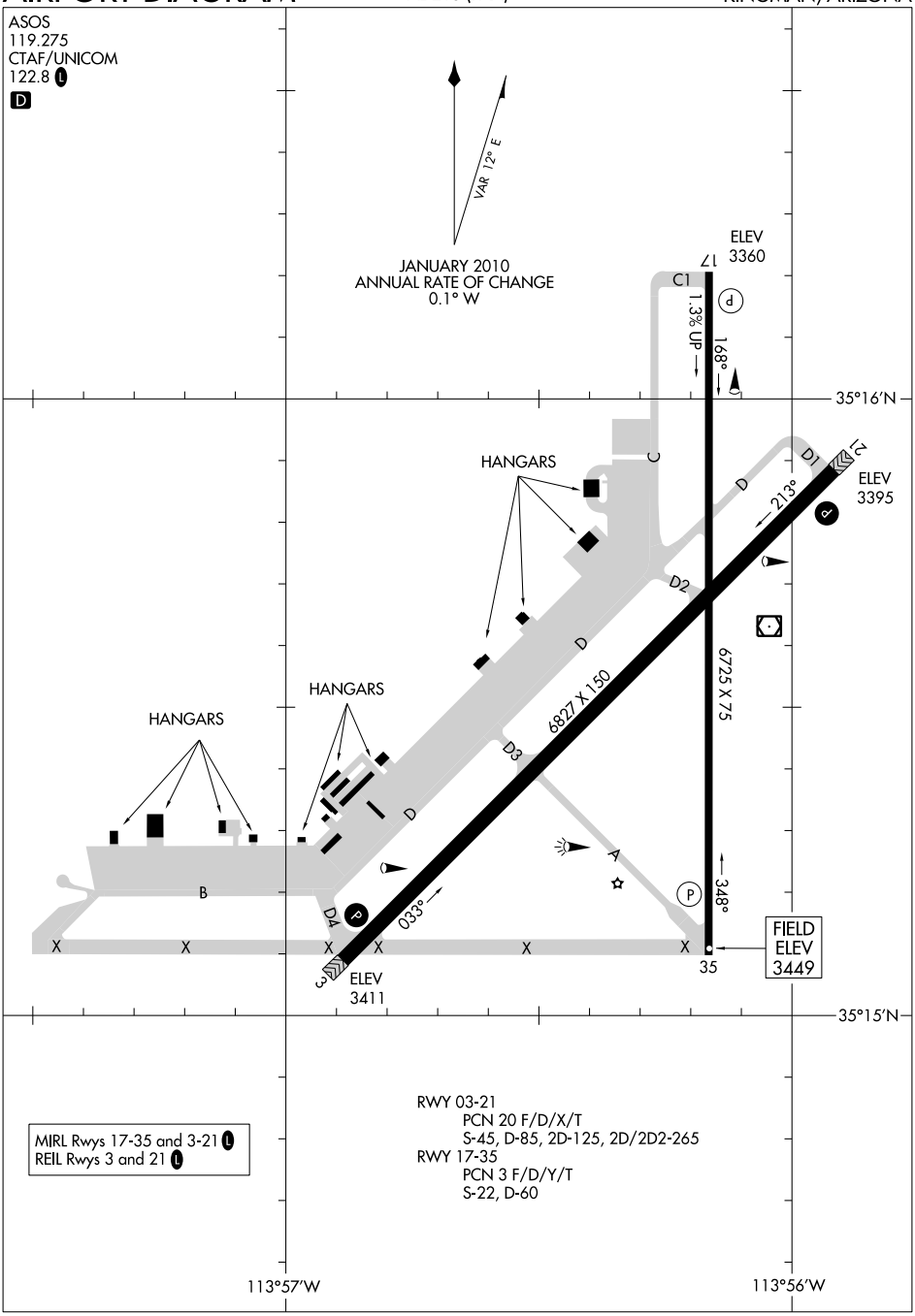




CATEGORY	A	B	C	D
S-21	3880-1 477 (500-1)		3880-1⅜ 477 (500-1⅜)	3880-1½ 477 (500-1½)
CIRCLING	3980-1 531 (600-1)	4100-1 651 (700-1)	4420-3 971 (1000-3)	5340-3 1891 (2000-3)

MIRL Rwys 3-21 and 17-35 L
REIL Rwys 3 and 21 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026

YUMA, ARIZONA

RNAV (GPS) RWY 6

APCH CRS	Rwy ldg	6043
063°	TDZE	387
	Arpt Elev	433

[USA] LAGUNA AAF (YUMA PROVING GROUND) (KLGF)

RNP APCH - GPS

RADAR required for holding.

Procedure not authorized when airfield closed.
* Straight-in Minimums not authorized at night.
** Circling not authorized NW of Rwys 6 and 18.
Circling to Rwy 24 not authorized at night.

NA

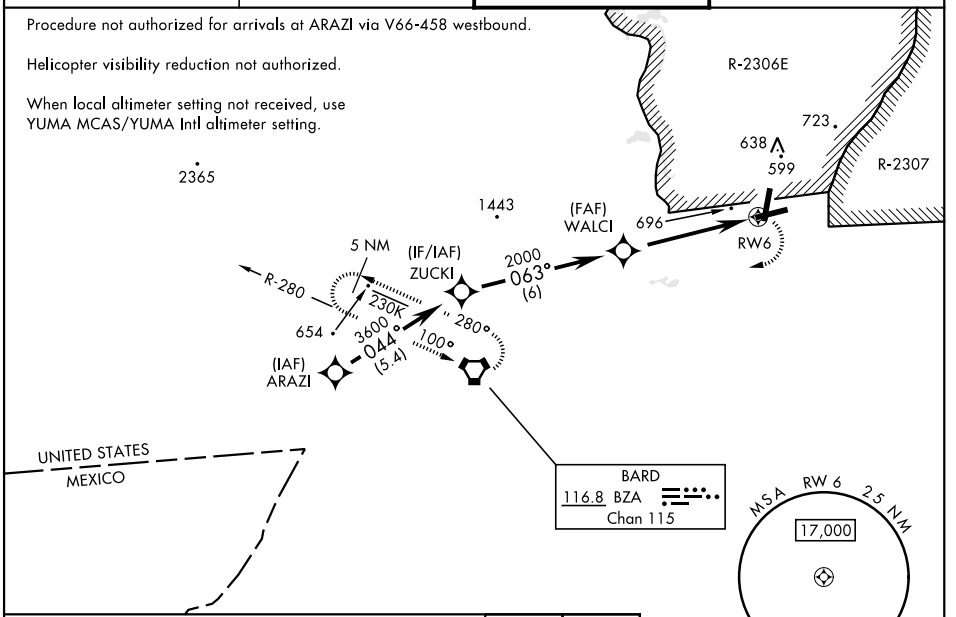
MISSED APPROACH: Climbing right turn to 3600 direct BZA VORTAC and hold.

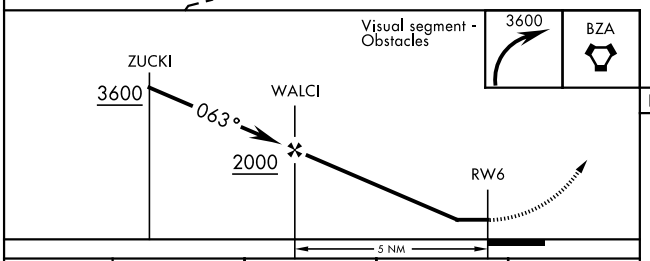
ATIS	YUMA APP CON	TOWER ★	GND CON
128.225	124.7 371.975	126.2 (CTAF) 242.175	121.8 (L) 229.4

Procedure not authorized for arrivals at ARAZI via V66-458 westbound.

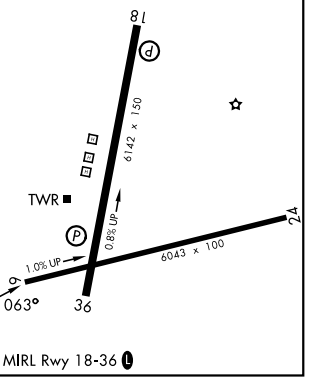
Helicopter visibility reduction not authorized.

When local altimeter setting not received, use YUMA MCAS/YUMA Intl altimeter setting.





ELEV 433 TDZE 387



CATEGORY	A	B	C	D
LNAV MDA*	1020-1 633 (600-1)		1020-1¾ 633 (600-1¾)	
CIRCLING **	1080-1 647 (700-1)		1080-1¾ 647 (700-1¾)	1080-2 647 (700-2)
YUMA MCAS/YUMA Intl ALTIMETER SETTING				
LNAV MDA*	1100-1 713 (700-1)		1100-2 713 (700-2)	
CIRCLING **	1160-1 727 (800-1)		1160-2 727 (800-2)	1160-2¼ 727 (800-2¼)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

YUMA, ARIZONA

RNAV (GPS) RWY 18

APCH CRS	Rwy ldg	6142
161°	TDZE	410
	Arpt Elev	433

[USA] LAGUNA AAF (YUMA PROVING GROUND) (KLGF)

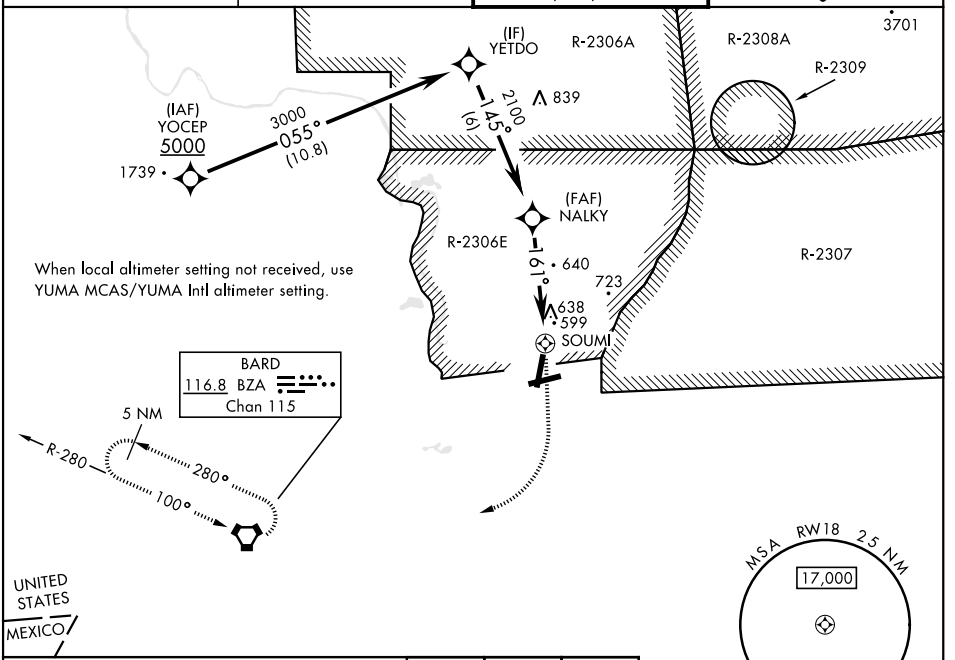
RNP APCH - GPS

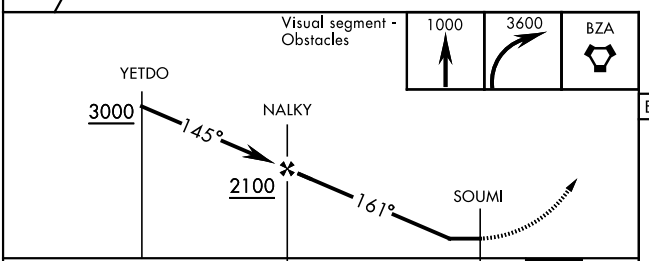
RADAR required for holding.

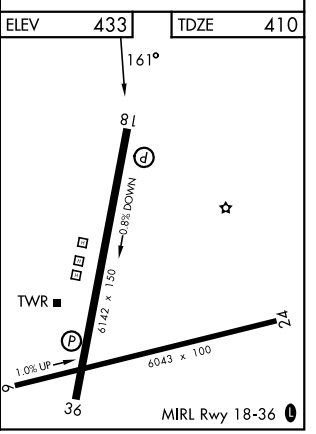
▼ Procedure not authorized when airfield closed.
* Circling to Rwy 24 not authorized at night.
▲ NA Circling not authorized NW of Rwys 6 and 18.

MISSED APPROACH: Climb to 1000, then climbing right turn to 3600 direct BZA VORTAC and hold, continue climbing in hold to 3600.

ATIS	YUMA APP CON	TOWER ★	GND CON
128.225	124.7 371.975	126.2 (CTAF) 242.175	121.8 Ⓒ 229.4







CATEGORY	A	B	C	D
LNAV MDA	900-1 490 (500-1)		900-1⅜ 490 (500-1⅜)	
CIRCLING *	900-1 467 (500-1)	940-1 507 (600-1)	940-1½ 507 (600-1½)	1040-2 607 (700-2)
YUMA MCAS/YUMA Intl ALTIMETER SETTING				
LNAV MDA	980-1 570 (600-1)		980-1⅝ 570 (600-1⅝)	
CIRCLING *	980-1 547 (600-1)	1020-1 587 (600-1)	1020-1⅝ 587 (600-1⅝)	1120-2¼ 687 (700-2¼)

YUMA, ARIZONA 32° 52'N-114° 24'W LAGUNA AAF (YUMA PROVING GROUND) (KLGF)

Amdt 1 05OCT23

RNAV (GPS) RWY 18

SW-4, 03 SEP 2026 to 29 OCT 2026

YUMA, ARIZONA

VOR RWY 6

VORTAC BZA	APCH CRS	Rwy Idg	6043
116.8	048°	TDZE	387
Chan 115		Arpt Elev	433

[USA] LAGUNA AAF (YUMA PROVING GROUND) (KLGF)

RADAR required for holding.

T * Procedure not authorized at night.
NA ** Circling not authorized NW of rwys 06 and 18.

MISSED APPROACH: Climbing right turn to 3800 direct BZA VORTAC and hold, continue climb-in-hold to 3800.

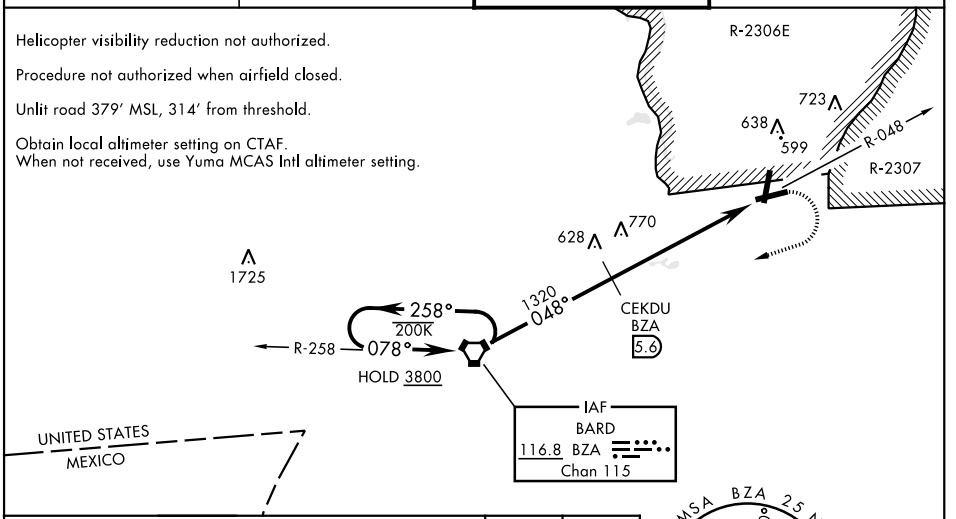
ATIS	YUMA APP CON	TOWER ★	GND CON
128.225	124.7 371.975	126.2 (CTAF) 242.175	121.8 L 229.4

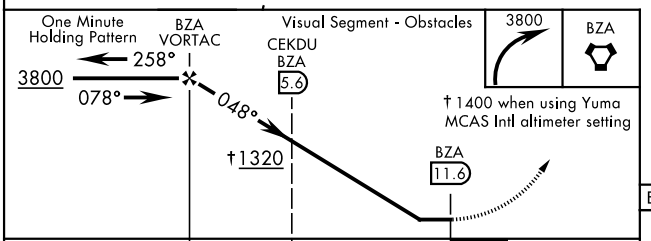
Helicopter visibility reduction not authorized.

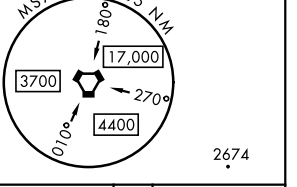
Procedure not authorized when airfield closed.

Unlit road 379′ MSL, 314′ from threshold.

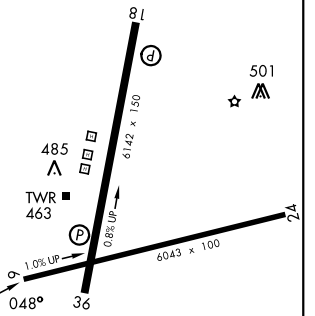
Obtain local altimeter setting on CTAF.
When not received, use Yuma MCAS Intl altimeter setting.







ELEV	433	TDZE	387



MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-6*	1320-1¼ 933 (900-1¼)		1320-2½ 933 (900-2½)	
CIRCLING**	1320-1¼ 887 (900-1¼)		1320-2¾ 887 (900-2¾)	1320-3 887 (900-3)
DME MINIMA				
S-6*	1040-1 653 (700-1)		1040-1⅞ 653 (700-1⅞)	
CIRCLING**	1080-1 647 (700-1)		1080-1⅞ 647 (700-1⅞)	1080-2 647 (700-2)
YUMA MCAS/YUMA Intl ALTIMETER SETTING				
S-6*	1400-1¼ 1013 (1000-1¼)	1400-1½ 1013 (1000-1½)	1400-3 1013 (1000-3)	
CIRCLING**	1400-1¼ 967 (1000-1¼)	1400-1½ 967 (1000-1½)	1400-3 967 (1000-3)	
YUMA MCAS/YUMA Intl ALTIMETER SETTING DME MINIMA				
S-6*	1120-1 733 (700-1)		1120-2 733 (700-2)	
CIRCLING**	1160-1 727 (800-1)		1160-2 727 (800-2)	1160-2¼ 727 (800-2¼)

FAF to MAP 11.6 NM					
Knots	60	90	120	150	180
Min:Sec	11:36	7:44	5:48	4:38	3:52

32° 52′N-114° 24′W LAGUNA AAF (YUMA PROVING GROUND) (KLGF)

VOR RWY 6

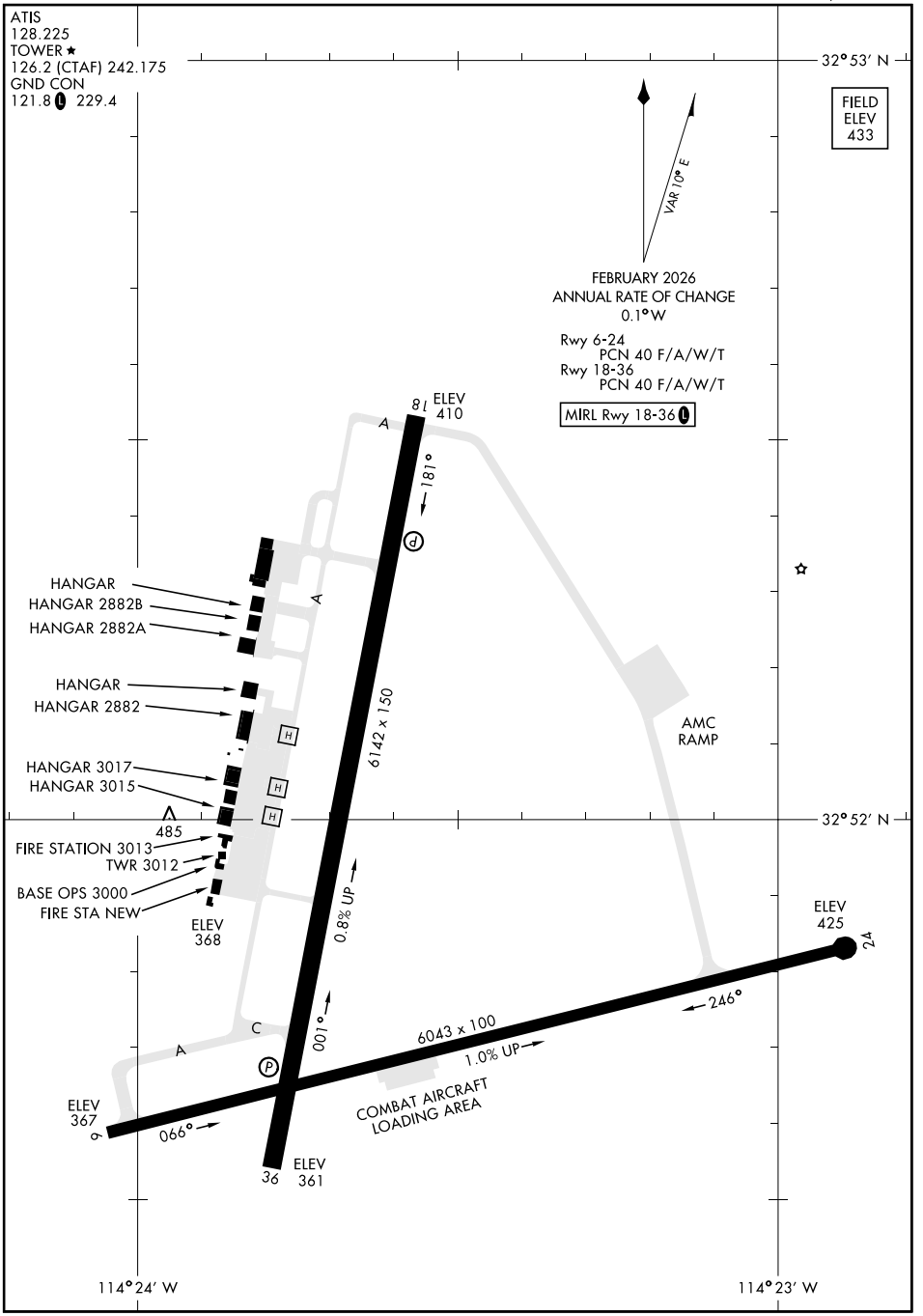
SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

LAGUNA AAF (YUMA PROVING GROUND) (KLGF)

YUMA, ARIZONA



AIRPORT DIAGRAM

YUMA, ARIZONA

LAGUNA AAF (YUMA PROVING GROUND) (KLGF)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

LAKE HAVASU CITY, ARIZONA | AL-9099 (FAA) | 26134

RNAV (GPS) RWY 14

LAKE HAVASU CITY (HII)

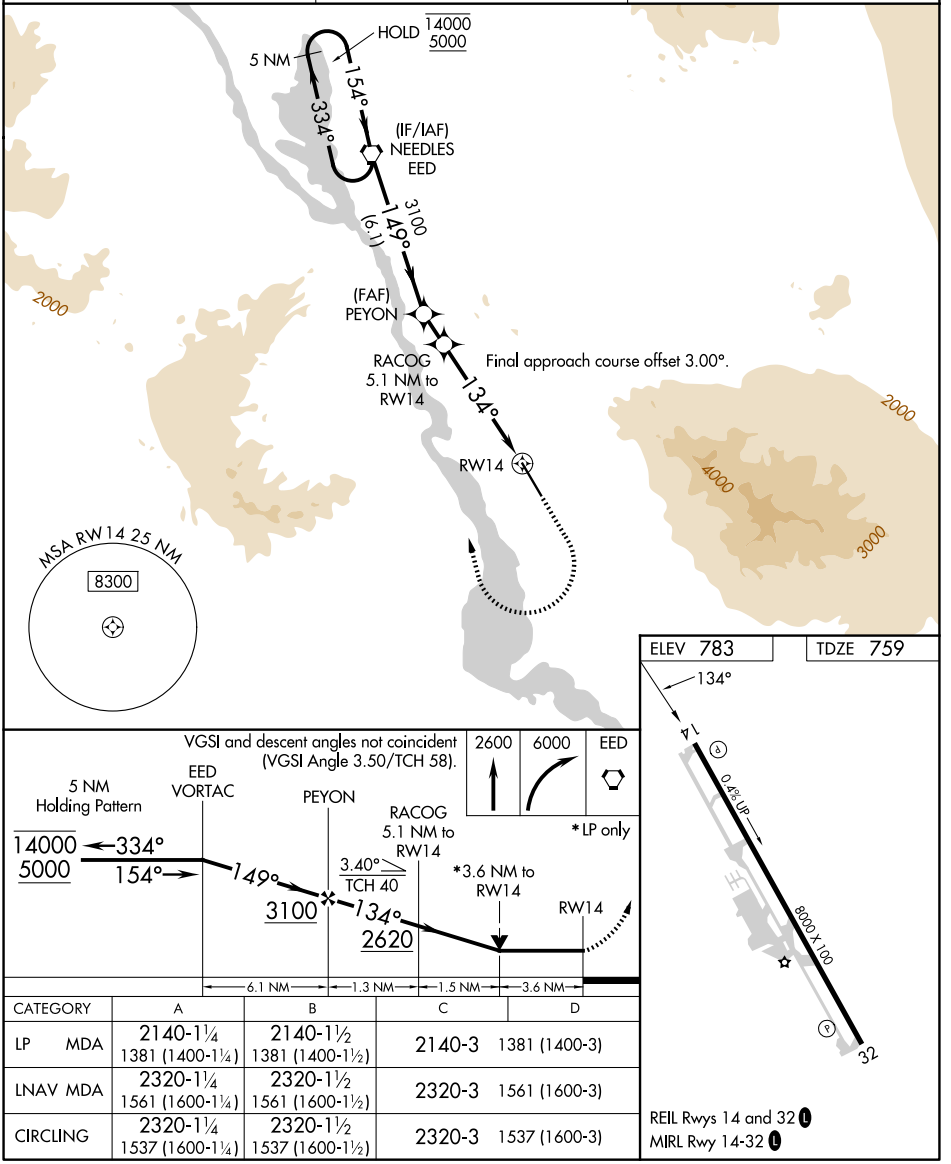
WAAS CH 53330 W14A	APP CRS 134°	Rwy Ldg 8000 / TDZE 759 / Apt Elev 783

RNP APCH.

Circling NA northeast of Rwy 14-32.
Rwy 14 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: (Do not exceed 240K until EED VORTAC) Climb to 2600 then climbing right turn to 6000 direct EED VORTAC and hold, continue climb-in-hold to 6000.

AWOS-3	LOS ANGELES CENTER	UNICOM
119.025	134.65 360.65	122.7 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	2140-1¼ 1381 (1400-1¼)	2140-1½ 1381 (1400-1½)	2140-3	1381 (1400-3)
LNAV MDA	2320-1¼ 1561 (1600-1¼)	2320-1½ 1561 (1600-1½)	2320-3	1561 (1600-3)
CIRCLING	2320-1¼ 1537 (1600-1¼)	2320-1½ 1537 (1600-1½)	2320-3	1537 (1600-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 32
LAKE HAVASU CITY (HII)

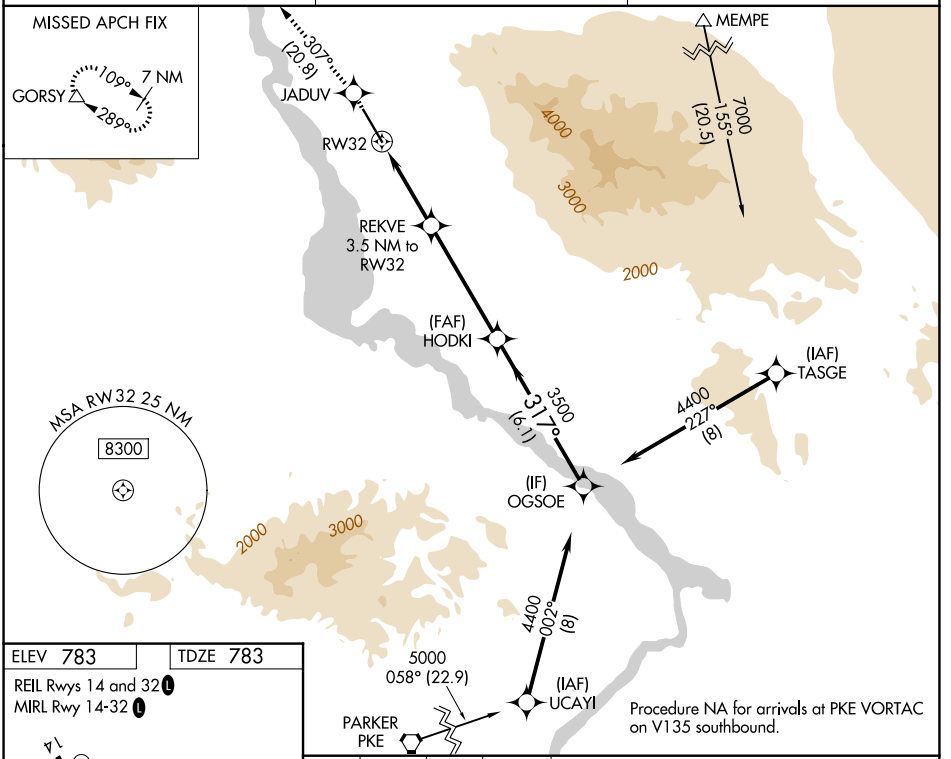
WAAS CH 49110 W32A	APP CRS 317°	Rwy Ldg 8000 / TDZE 783 / Apt Elev 783

RNP APCH.

Circling NA northeast of Rwy 14-32.
Rwy 32 helicopter visibility reduction below ¾ SM NA.

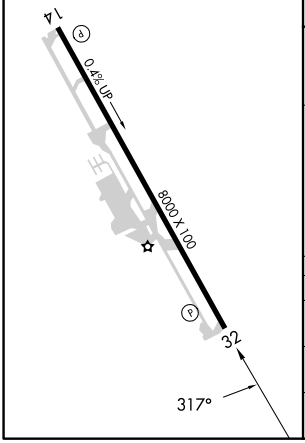
MISSED APPROACH: Climb to 6300 direct JADUV and track 307° to GORSY and hold, continue climb-in-hold to 6300.

AWOS-3	LOS ANGELES CENTER	UNICOM
119.025	134.65 360.65	122.7 (CTAF) L



ELEV 783	TDZE 783

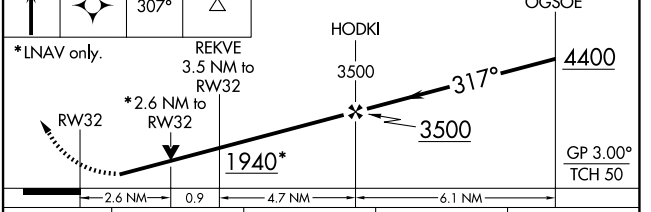
REIL Rwys 14 and 32 L
MIRL Rwy 14-32 L



6300	JADUV	tr 307°	GORSY

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 36).

*LNAV only.



CATEGORY	A	B	C	D
LPV DA	1265-1⅜ 482 (500-1⅜)			
LNAV MDA	1660-1 877 (900-1)	1660-1¼ 877 (900-1¼)	1660-2½ 877 (900-2½)	
CIRCLING	1660-1¼ 877 (900-1¼)		1800-3 1017 (1100-3)	2180-3 1397 (1400-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VORTAC EED	APP CRS	Rwy Ldg	N/A
115.2	139°	TDZE	N/A
Chan 99		Apt Elev	783

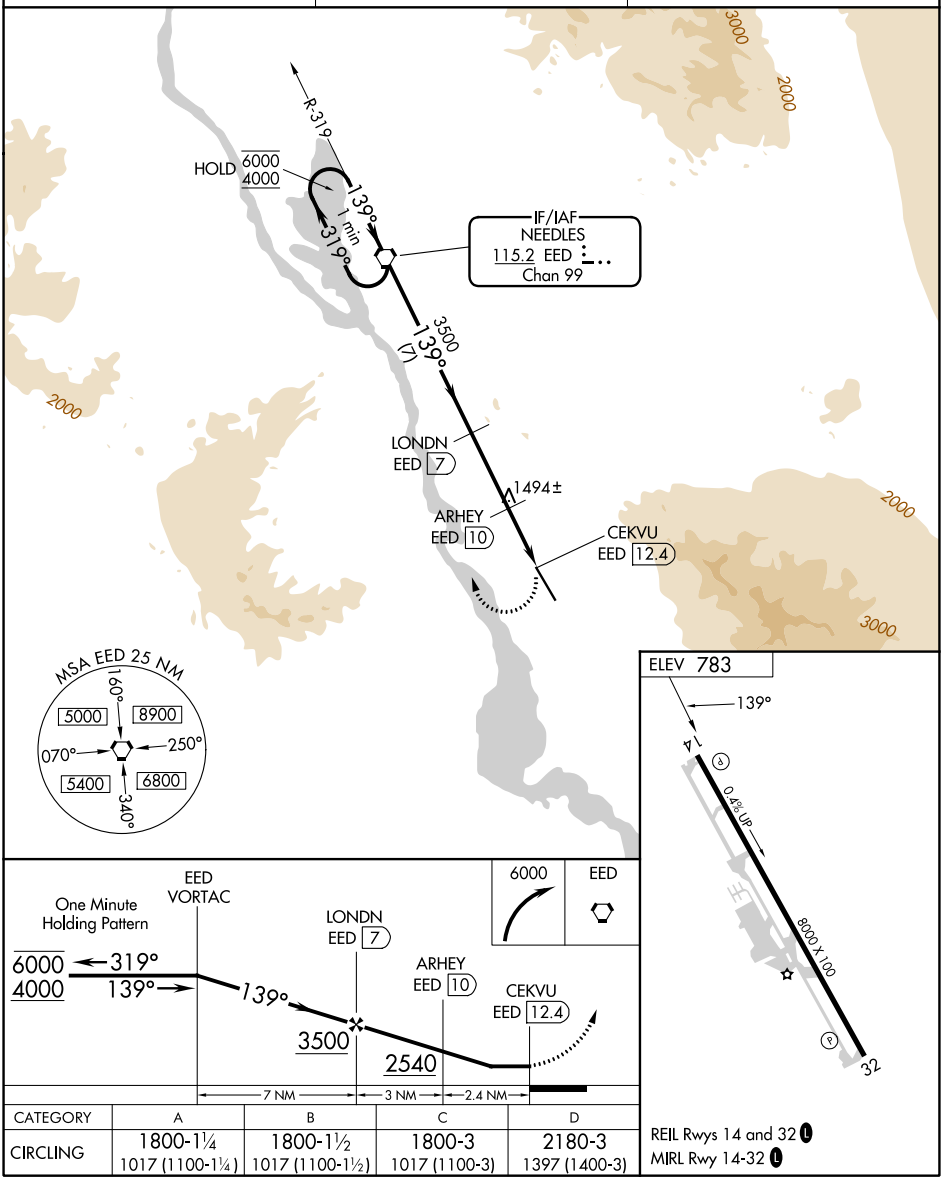
VOR-A
LAKE HAVASU CITY (HII)

DME required.

Circling NA northeast of Rwy 14-32.

MISSED APPROACH: Climbing right turn to 6000 direct EED VORTAC and hold, continue climb-in-hold to 6000.

AWOS-3	LOS ANGELES CENTER	UNICOM
119.025	134.65 360.65	122.7 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	1800-1¼ 1017 (1100-1¼)	1800-1½ 1017 (1100-1½)	1800-3 1017 (1100-3)	2180-3 1397 (1400-3)

REIL Rwys 14 and 32 L
MIRL Rwy 14-32 L

SW-4, 03 SEP 2026 to 29 OCT 2026

ILS or LOC RWY 1L

HARRY REID INTL (LAS)

LOC/DME I-CUA	APP CRS	Rwy Ldg	8402
110.1	014°	TDZE	2176
Chan 38		Apt Elev	2181

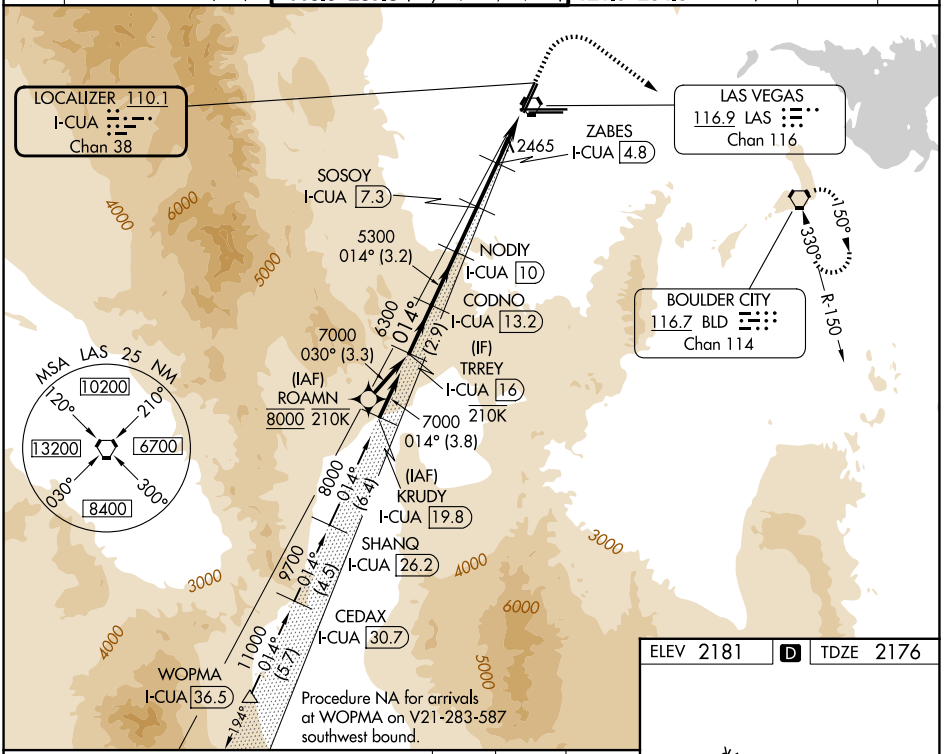
DME required. RNP APCH-GPS. From ROAMN.

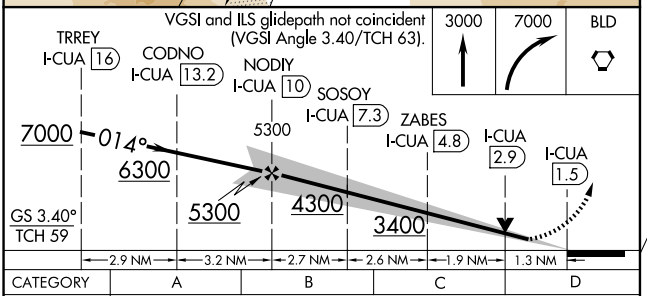
Rwy 1L helicopter visibility reduction below ¾ SM NA.
For inop ALS, increase S-ILS 1L all Cats visibility to ⅞ SM.

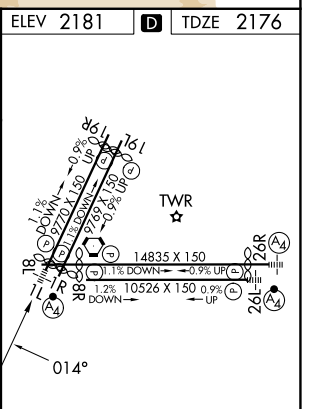
MALSF

MISSED APPROACH: Climb to 3000 then climbing right turn to 7000 direct BLD VORTAC and hold, continue climb-in-hold to 7000.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West)	118.75 257.8 (Rwy 1L/19R, 1R/19L)	121.1 270.8 E of 1R/19L	118.0	
	119.775 282.2 (East)	119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.9 254.3 W of 1L/19R		







CATEGORY	A	B	C	D
S-ILS 1L	2460-¾ 284 (300-¾)			
S-LOC 1L	2720-¾ 544 (600-¾)		2720-1⅜ 544 (600-1⅜)	
CIRCLING	3020-1¼ 839 (900-1¼)	3060-1¼ 879 (900-1¼)	3100-2¾ 919 (1000-2¾)	3540-3 1359 (1400-3)

MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NEVADA AL-662 (FAA)

26246

ILS Y or LOC Y RWY 26L

HARRY REID INTL (LAS)

LOC/DME I-RLE	APP CRS		26L	26R
111.5	259°	Rwy Ldg	10526	12638
Chan 52		TDZE	2069	2067
		Apt Elev	2181	2181

RNP APCH - GPS.

DME required.

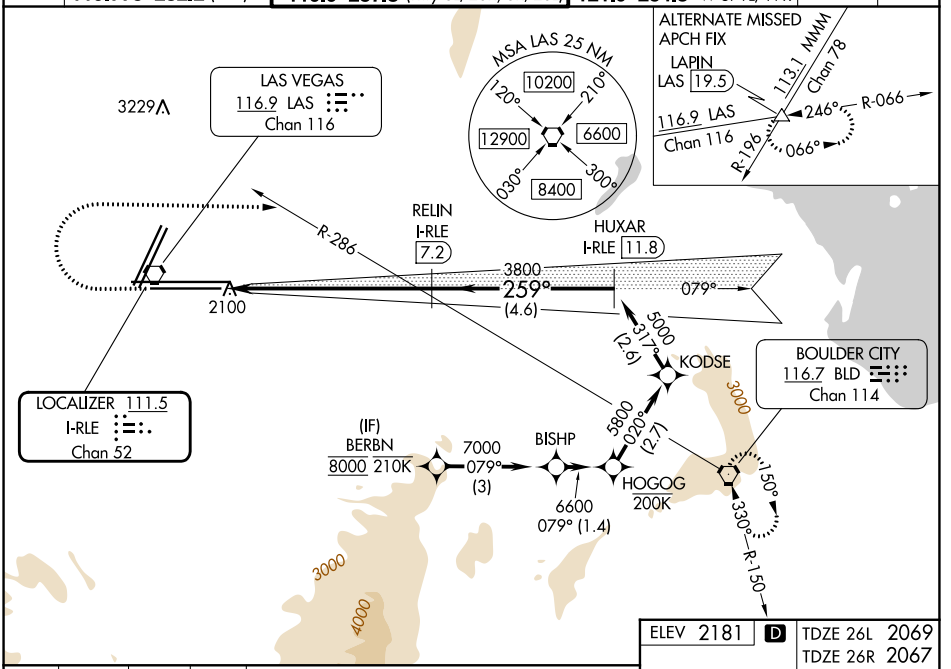
Inop table does not apply to S-ILS 26L or Sidestep 26R. For inop ALS increase S-LOC 26L Cats C and D visibility to 1⅜ SM.

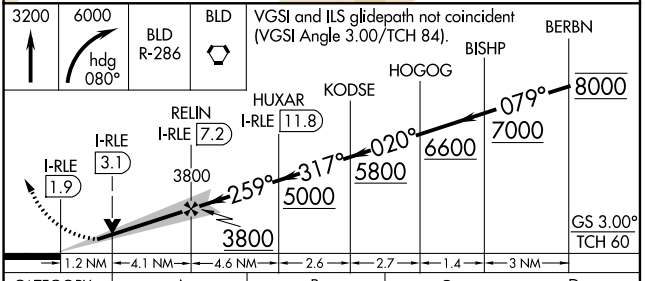
MALSF Rwy 26L

MALS Rwy 26R

MISSED APPROACH: Climb to 3200 then climbing right turn to 6000 heading 080° and on BLD R-286 to BLD VORTAC and hold, continue climb-in-hold to 6000.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	

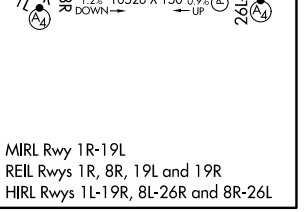




ELEV 2181 D

TDZE 26L 2069

TDZE 26R 2067



CATEGORY	A	B	C	D
S-ILS 26L	2269-¾ 200 (100-¾)			
S-LOC 26L	2520-¾ 451 (400-¾)		2520-1 451 (400-1)	
SIDESTEP 26R	2560-1 493 (400-1)		2560-1½ 493 (400-1½)	2560-2 493 (400-2)
CIRCLING	3020-1¼ 839 (900-1¼)	3060-1¼ 879 (900-1¼)	3100-2¾ 919 (1000-2¾)	3540-3 1359 (1400-3)

MIRL Rwy 1R-19L

REIL Rwys 1R, 8R, 19L and 19R

HIRL Rwys 1L-19R, 8L-26R and 8R-26L

LAS VEGAS, NEVADA

Orig 05OCT23

36°05′N-115°09′W

HARRY REID INTL (LAS)

ILS Y or LOC Y RWY 26L

SW-4, 03 SEP 2026 to 29 OCT 2026

26246

ILS Y or LOC Y RWY 26R

HARRY REID INTL (LAS)

LOC/DME I-LAS	APP CRS		26R	26L
110.3	259°	Rwy Ldg	12638	10526
Chan 40		TDZE	2067	2069
		Apt Elev	2181	2181

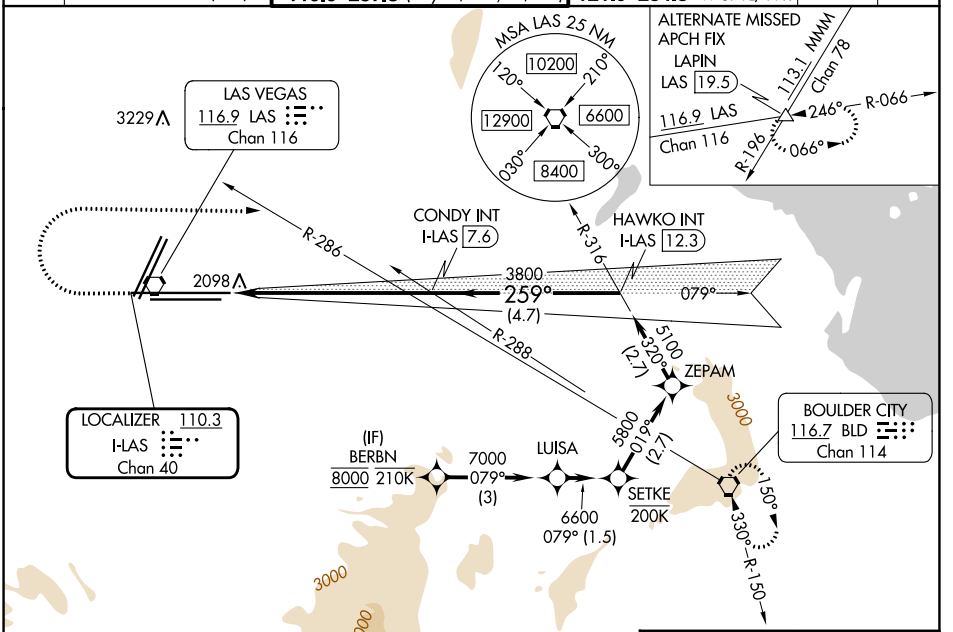
RNP APCH - GPS.

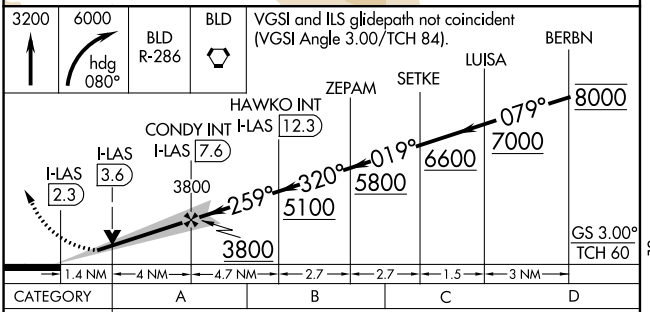
T A Inop table does not apply to Sidestep 26L. For inop ALS, increase S-ILS-26R all Cats visibility to 7/8 SM.

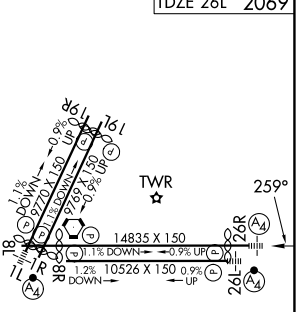
MALS Rwy 26R (A4) MALSF Rwy 26L (A4)

MISSED APPROACH: Climb to 3200 then climbing right turn to 6000 heading 080° and on BLD R-286 to BLD VORTAC and hold, continue climb-in-hold to 6000.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	







CATEGORY	A	B	C	D
S-ILS 26R	2334-¾ 267 (200-¾)			
S-LOC 26R	2560-¾ 493 (400-¾)		2560-1⅛ 493 (400-1⅛)	
SIDESTEP 26L	2560-1 491 (400-1)		2560-1½ 491 (400-1½)	2560-2 491 (400-2)
CIRCLING	3020-1¼ 839 (900-1¼)	3060-1¼ 879 (900-1¼)	3100-2¾ 919 (1000-2¾)	3540-3 1359 (1400-3)

MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NEVADA AL-662 (FAA)

25219

ILS Z or LOC Z RWY 26L

HARRY REID INTL (LAS)

LOC/DME I-RLE	APP CRS		26L	26R
111.5	259°	Rwy Ldg	10526	12638
Chan 52		TDZE	2069	2067
		Apt Elev	2181	2181

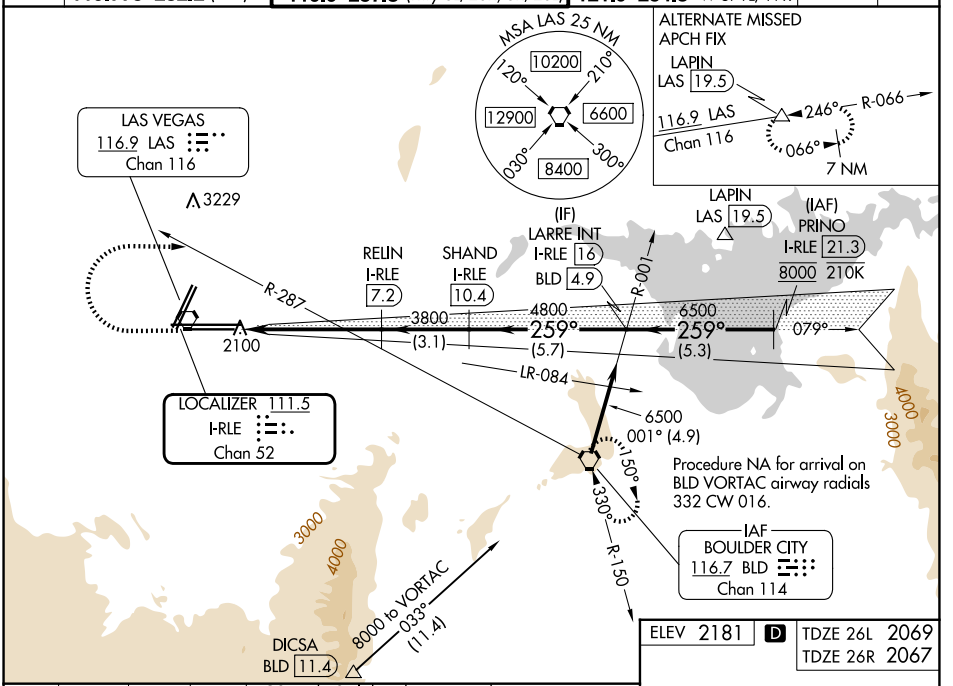
DME required.

Inop table does not apply to S-ILS 26L and Sidestep 26R. For inop ALS, increase S-LOC 26L Cat C/D/E visibility to 1⅜ SM.

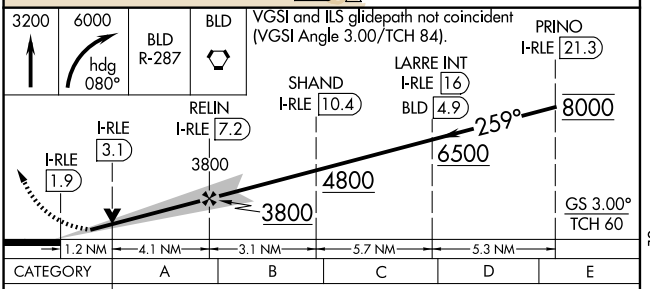
MALSF Rwy 26L (A4) MALS Rwy 26R (A4)

MISSED APPROACH: Climb to 3200 then climbing right turn to 6000 heading 080° and on BLD R-287 to BLD VORTAC and hold, continue climb-in-hold to 6000.

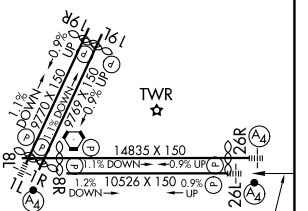
D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	



ELEV 2181 D TDZE 26L 2069 TDZE 26R 2067



CATEGORY	A	B	C	D	E
S-ILS 26L	2269-¾ 200 (100-¾)				
S-LOC 26L	2520-¾ 451 (400-¾)		2520-1 451 (400-1)		
SIDESTEP 26R	2560-1 493 (400-1)		2560-1½ 493 (400-1½)	2560-2 493 (400-2)	
CIRCLING	3020-1¼ 839 (900-1¼)	3060-1¼ 879 (900-1¼)	3100-2¾ 919 (1000-2¾)	3540-3 1359 (1400-3)	



MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

LAS VEGAS, NEVADA
Amdt 8 05OCT23

36°05'N-115°09'W

HARRY REID INTL (LAS)

ILS Z or LOC Z RWY 26L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

26246

ILS Z or LOC Z RWY 26R

HARRY REID INTL (LAS)

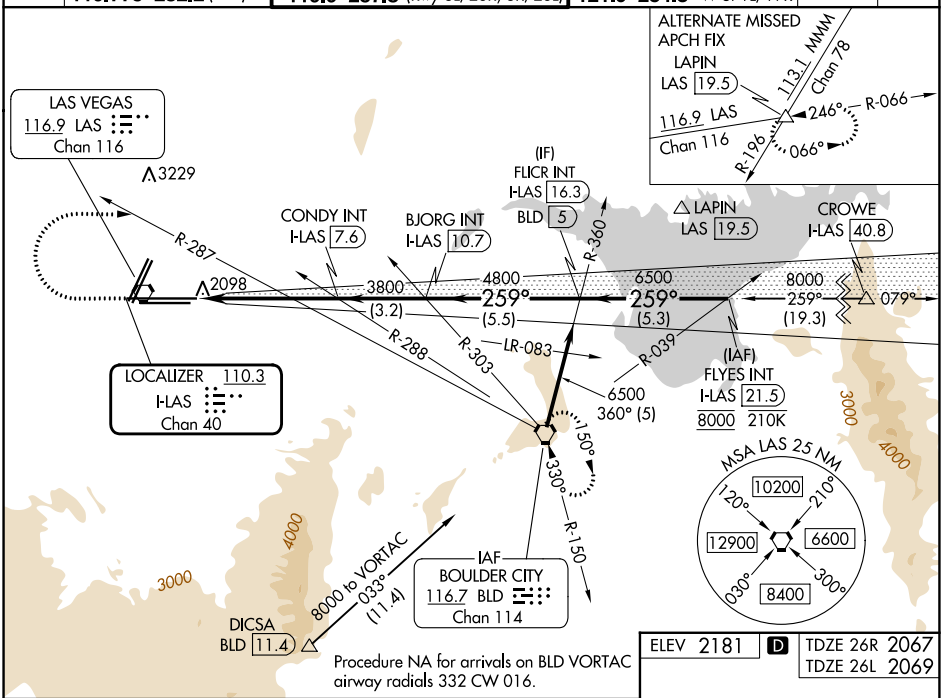
LOC/DME I-LAS	APP CRS		26R	26L
110.3	259°	Rwy Ldg	12638	10526
Chan 40		TDZE	2067	2069
		Apt Elev	2181	2181

For inop ALS, increase S-ILS-26R all Cats visibility to 7/8 SM, S-LOC-26R Cat E visibility to 1 3/8 SM. Inop table does not apply to sidestep 26L.

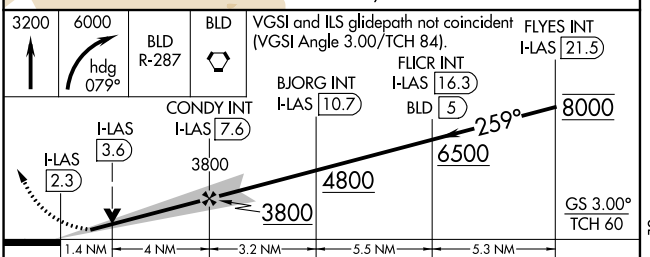
MALS Rwy 26R | MALSF Rwy 26L

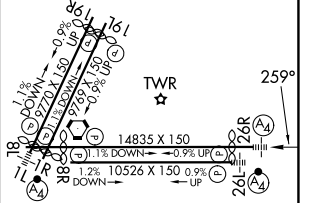
MISSED APPROACH: Climb to 3200 then climbing right turn to 6000 on heading 079° and on BLD R-287 to BLD VORTAC and hold, continue climb-in-hold to 6000.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	



ELEV 2181	D	TDZE 26R 2067 TDZE 26L 2069





MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

CATEGORY	A	B	C	D	E
S-ILS 26R	2334-¾ 267 (200-¾)				
S-LOC 26R	2560-¾ 493 (400-¾)		2560-1⅛ 493 (400-1⅛)		
SIDESTEP 26L	2560-1 491 (400-1)		2560-1½ 491 (400-1½)	2560-2 491 (400-2)	
CIRCLING	3020-1¼ 839 (900-1¼)	3060-1¼ 879 (900-1¼)	3100-2¾ 919 (1000-2¾)	3540-3 1359 (1400-3)	

FAF to MAP 5.3 NM

Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NEVADA | AL-662 (FAA) | 25219

APP CRS	Rwy Ldg	10526
079°	TDZE	2157
	Apt Elev	2181

RNAV (RNP) RWY 8R

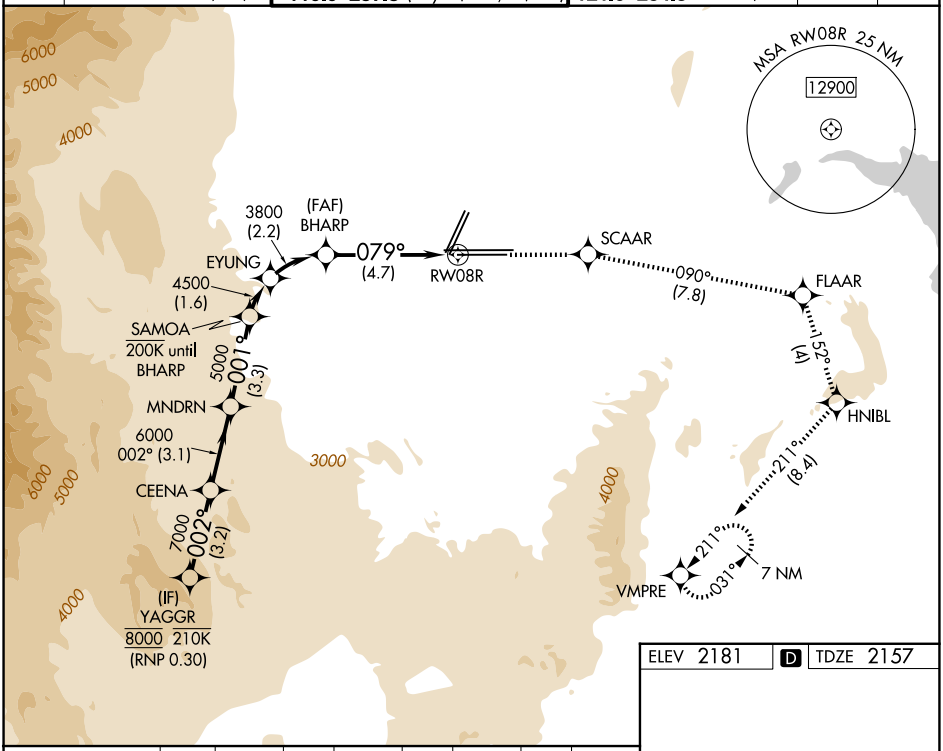
HARRY REID INTL (LAS)

RNP AR APCH. RF required.

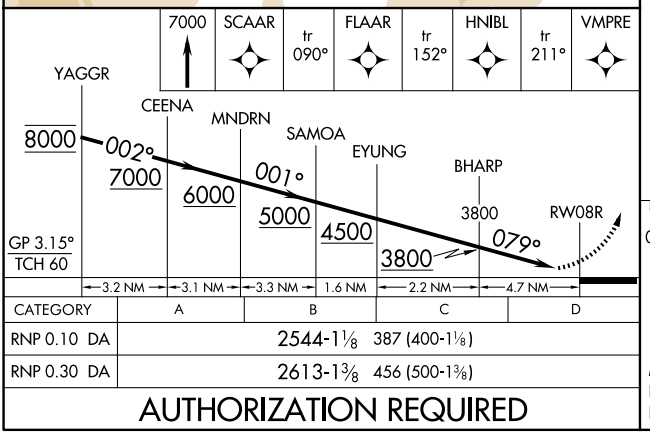
For uncompensated Baro-VNAV systems, procedure NA below 0°C or above 54°C.

MISSED APPROACH: Climb to 7000 on the RNAV missed approach route to VMPRE and hold, continue climb-in-hold to 7000.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	

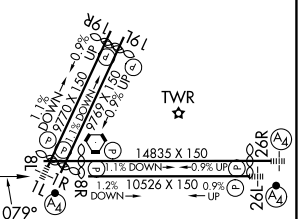


ELEV 2181 | D | TDZE 2157



CATEGORY	A	B	C	D
RNP 0.10 DA	2544-1⅛ 387 (400-1⅛)			
RNP 0.30 DA	2613-1⅜ 456 (500-1⅜)			

AUTHORIZATION REQUIRED



MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

LAS VEGAS, NEVADA
Orig 25FEB21

36°05′N-115°09′W

HARRY REID INTL (LAS)

RNAV (RNP) RWY 8R

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (RNP) RWY 26L

HARRY REID INTL (LAS)

APP CRS	Rwy Ldg	TDZE	Apt Elev
259°	10526	2069	2181

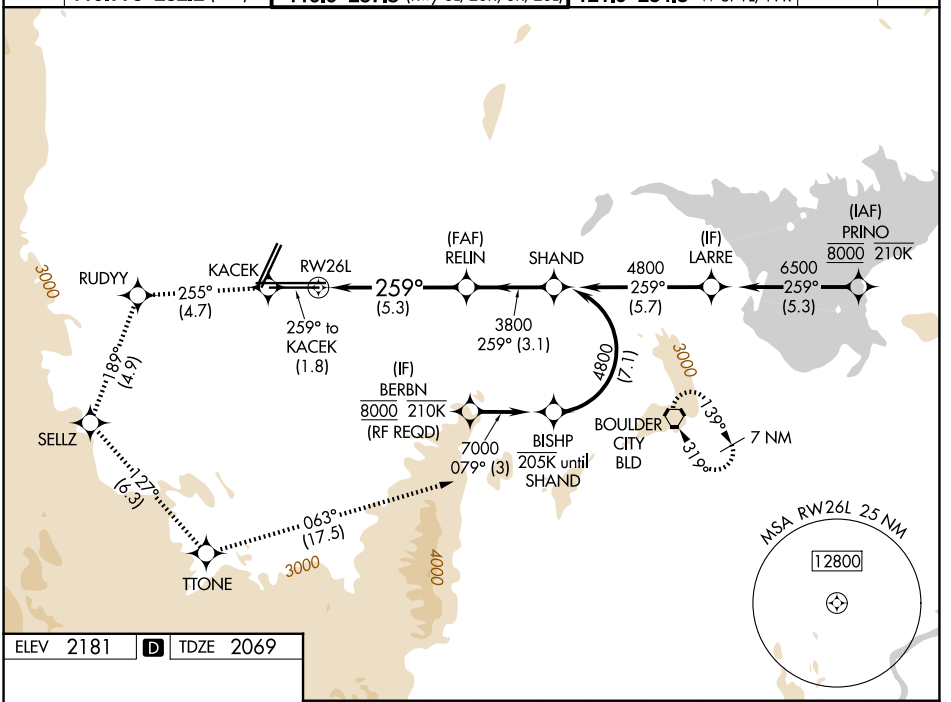
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below 0°C or above 54°C.

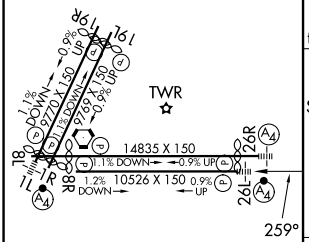
MALSF

MISSED APPROACH: Climb to 7000 on the RNAV missed approach route to BLD VORTAC and hold.
*Missed approach requires minimum climb of 255 feet per NM to 3200.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	



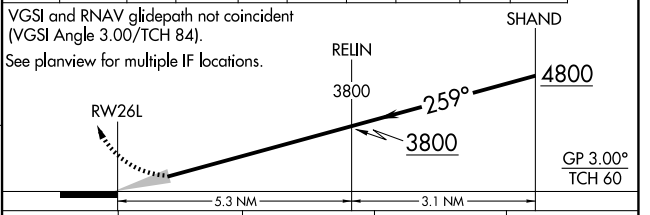
ELEV 2181	D	TDZE 2069



7000 tr 259°	KACEK	tr 255°	RUDYY	tr 189°	SELLZ	tr 127°	TTONE	tr 063°	BLD

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 84).

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.30 DA*	2450-⅞ 381 (300-⅞)			
RNP 0.30 DA	2502-1 433 (400-1)			

AUTHORIZATION REQUIRED

MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NEVADA | AL-662 (FAA) | 25219

RNAV (RNP) RWY 26R

HARRY REID INTL (LAS)

APP CRS	Rwy Ldg	12638
259°	TDZE	2067
	Apt Elev	2181

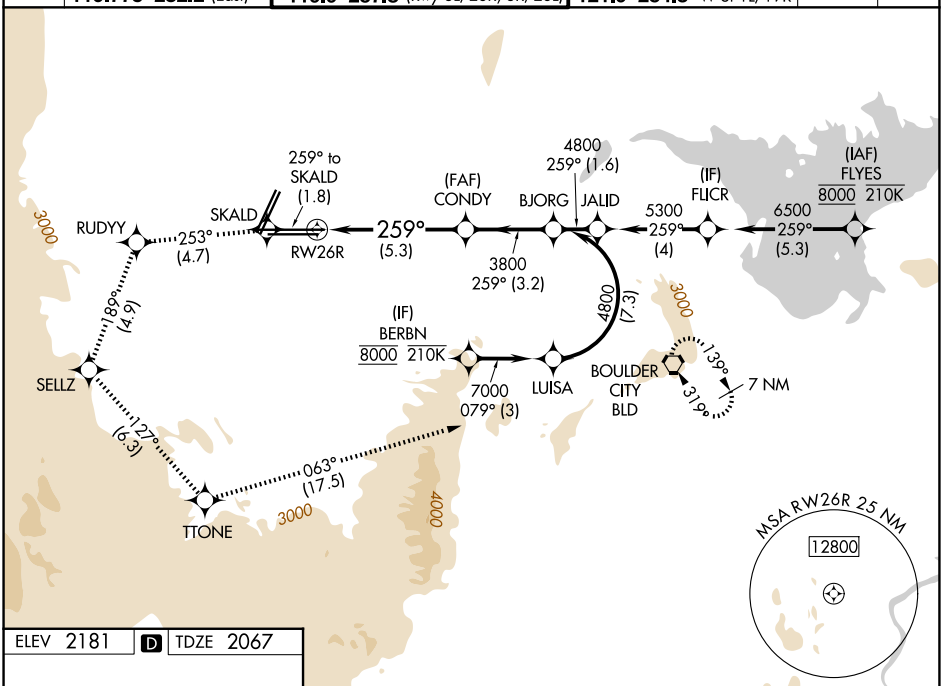
RNP AR APCH-GPS.

For uncompensated Baro-VNAV systems, procedure NA below -1°C or above 54°C.

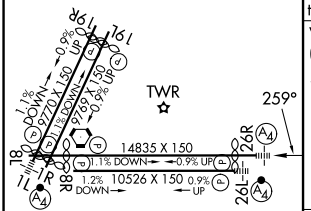
MALS

MISSED APPROACH: Climb to 7000 on the RNAV missed approach route to BLD VORTAC and hold.
*Missed approach requires minimum climb of 230 feet per NM to 3200.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	



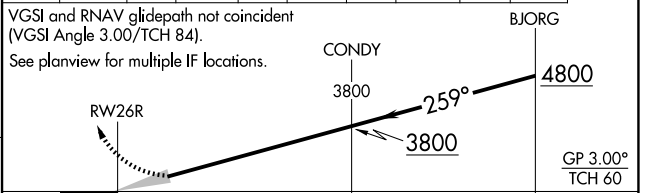
ELEV 2181 | D | TDZE 2067



MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

7000 tr 259°	SKALD	tr 253°	RUDYY	tr 189°	SELLZ	tr 127°	TTONE	tr 063°	BLD

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 84).
See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.30 DA*	2457-⅞ 390 (300-⅞)			
RNP 0.30 DA	2508-1 441 (400-1)			

AUTHORIZATION REQUIRED

LAS VEGAS, NEVADA
Amdt 1 19MAY22

36°05′N-115°09′W

HARRY REID INTL (LAS)

RNAV (RNP) RWY 26R

SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	8807
194°	TDZE	2112
	Apt Elev	2181

RNAV (RNP) Z RWY 19L

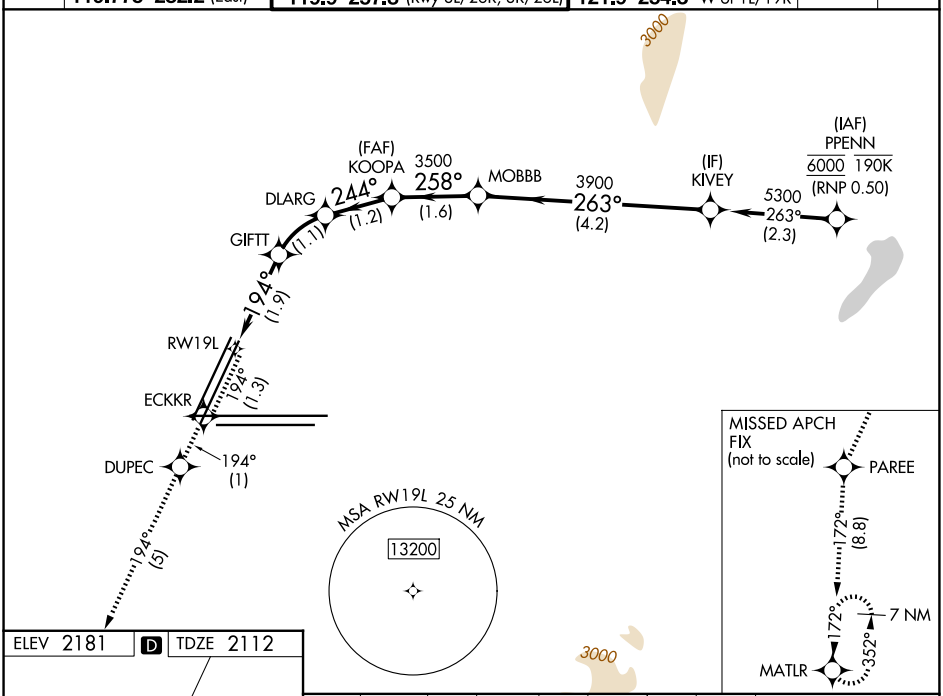
HARRY REID INTL (LAS)

RNP AR APCH-GPS, RF, min RNP 0.50. Authorization required. Missed approach requires RNP <1.00.

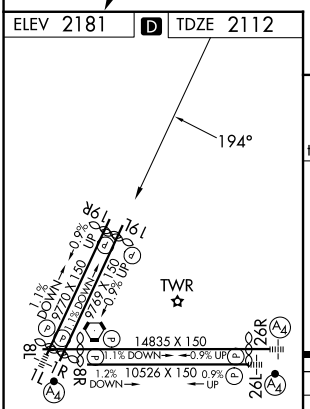
For uncompensated Baro-VNAV systems, procedure NA below 0°C or above 54°C.

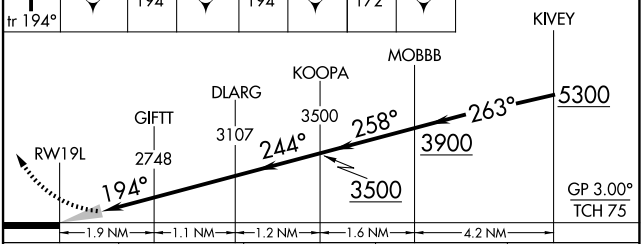
MISSED APPROACH: Climb to 7000 on the RNAV missed approach route to MATLR and hold, continue climb-in-hold to 7000.
*Missed approach requires minimum climb of 208 feet per NM to 4880.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	



7000 ↑ tr 194°	ECKKR	tr 194°	DUPEC	tr 194°	PAREE	tr 172°	MATLR





CATEGORY	A	B	C	D
RNP 0.10 DA*	2471-1 359 (300-1)			
RNP 0.30 DA	2559-1⅜ 447 (400-1⅜)			

MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

AUTHORIZATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NEVADA | AL-662 (FAA) | 25219

RNAV (RNP) Z RWY 19R

HARRY REID INTL (LAS)

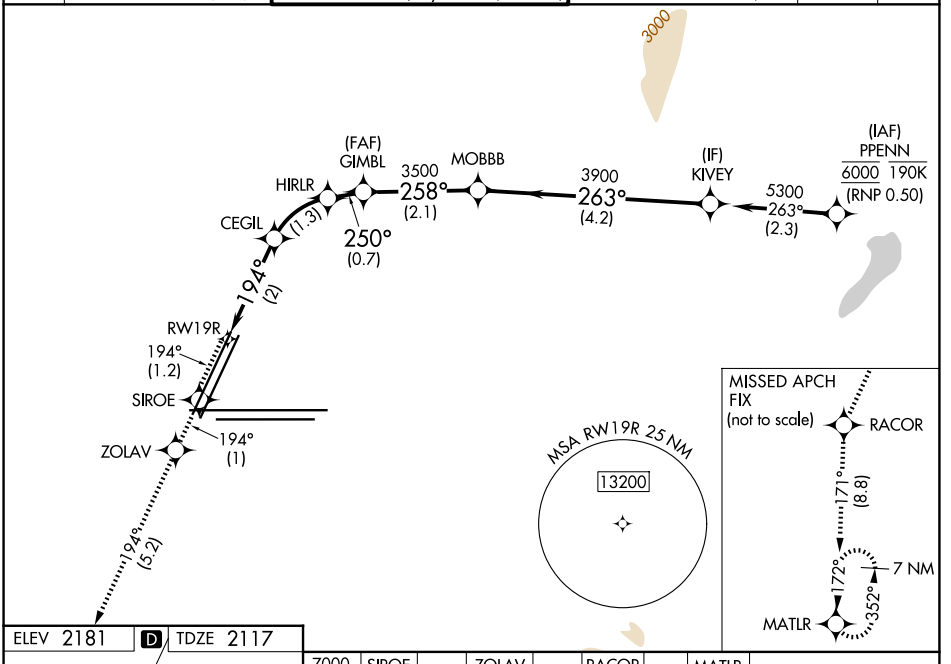
APP CRS	Rwy Ldg	8416
194°	TDZE	2117
	Apt Elev	2181

RNP AR APCH - GPS, RF, min RNP 0.50. Authorization required. Missed approach requires RNP < 1.00.

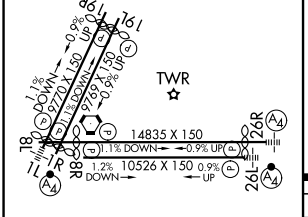
For uncompensated Baro-VNAV systems, procedure NA below 0°C or above 54°C.

MISSED APPROACH: Climb to 7000 on the RNAV missed approach route to MATLR and hold, continue climb-in-hold to 7000.
*Missed approach requires minimum climb of 273 feet per NM to 2940.
#Missed approach requires minimum climb of 235 feet per NM to 2960.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	

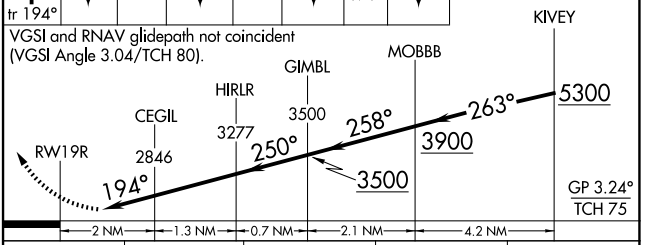


ELEV 2181 D TDZE 2117



7000 tr 194°	SIROE	tr 194°	ZOLAV	tr 194°	RACOR	tr 171°	MATLR

VGSI and RNAV glidepath not coincident (VGSI Angle 3.04/TCH 80).



CATEGORY	A	B	C	D
RNP 0.10 DA*	2558-1⅜ 441 (400-1⅜)			
RNP 0.20 DA#	2608-1⅜ 491 (500-1⅜)			
RNP 0.30 DA	2669-1⅝ 552 (500-1⅝)			

AUTHORIZATION REQUIRED

MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

LAS VEGAS, NEVADA
Amdt 1 31OCT24

HARRY REID INTL (LAS)
36°05′N-115°09′W
RNAV (RNP) Z RWY 19R

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 1R

HARRY REID INTL (LAS)

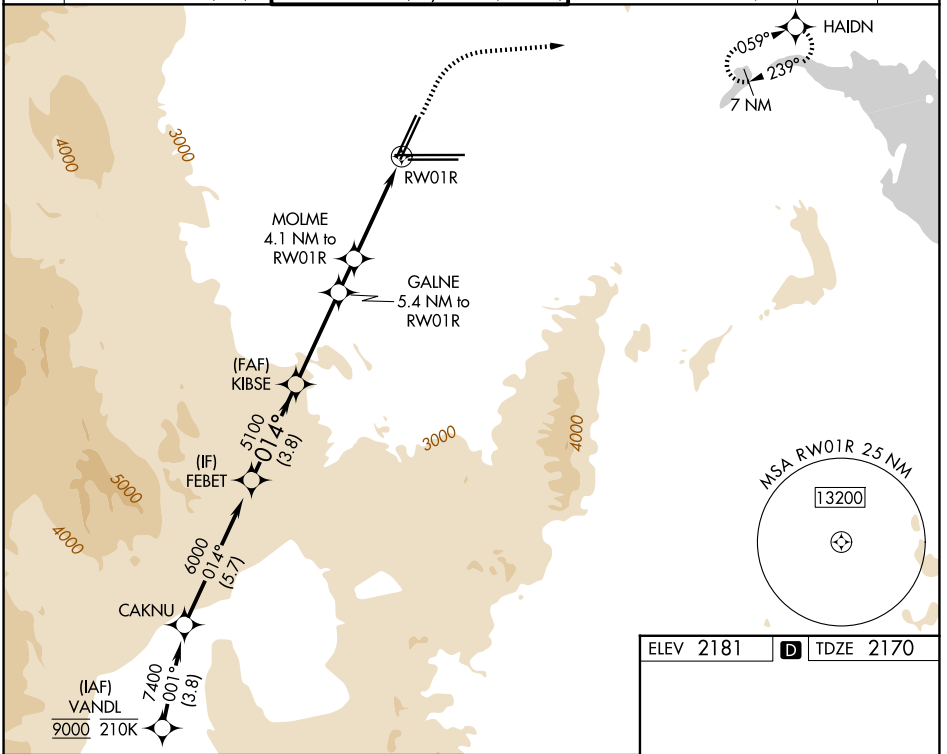
WAAS CH 42800 W01A	APP CRS 014°	Rwy Ldg 8784 TDZE 2170 Apt Elev 2181

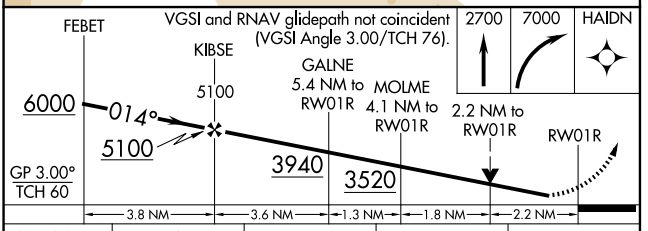
RNP APCH - GPS. RADAR required.

Rwy 1R helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 0°C or above 54°C.

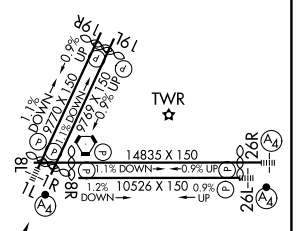
MISSED APPROACH: Climb to 2700 then climbing right turn to 7000 direct HAIDN and hold, continue climb-in-hold to 7000.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	





CATEGORY	A	B	C	D
LPV DA	2458-⅞ 288 (300-⅞)			
LNAV/VNAV DA	2641-1⅜ 471 (500-1⅜)			
LNAV MDA	2960-1 790 (800-1)	2960-1¼ 790 (800-1¼)	2960-2½ 790 (800-2½)	
CIRCLING	3020-1¼ 839 (900-1¼)	3060-1¼ 879 (900-1¼)	3100-2¾ 919 (1000-2¾)	3540-3 1359 (1400-3)



MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NEVADA | AL-662 (FAA) | 25219

WAAS	APP CRS	Rwy Ldg	8807
CH 45542	194°	TDZE	2112
W19A		Apt Elev	2181

RNAV (GPS) Y RWY 19L

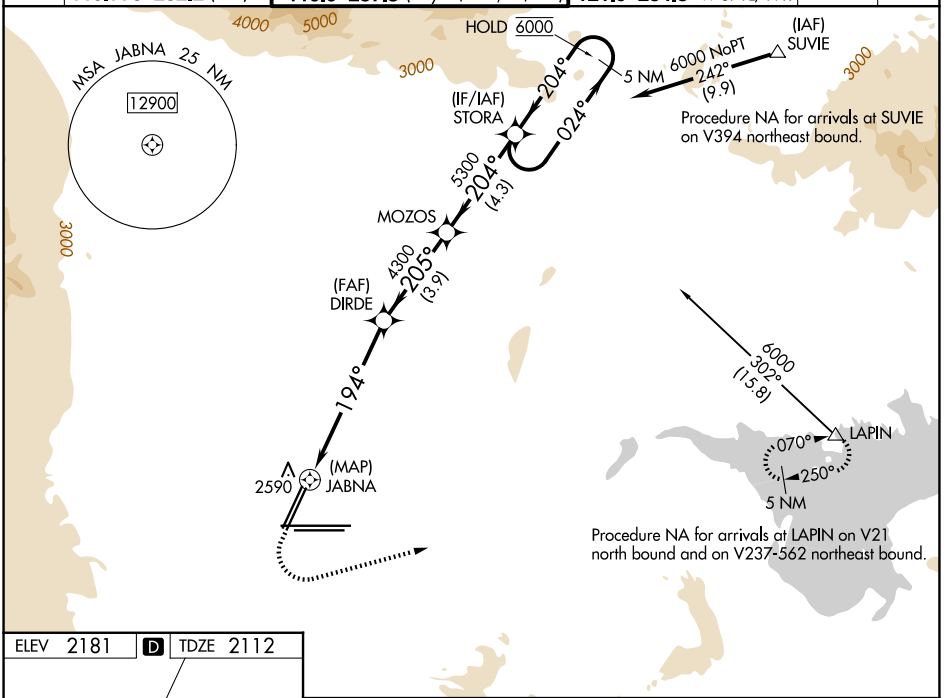
HARRY REID INTL (LAS)

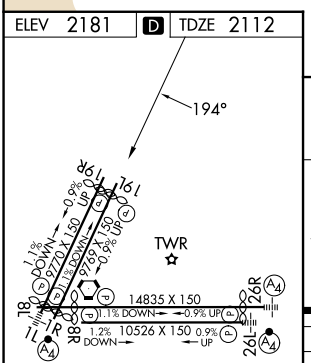
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 0°C or above 54°C.

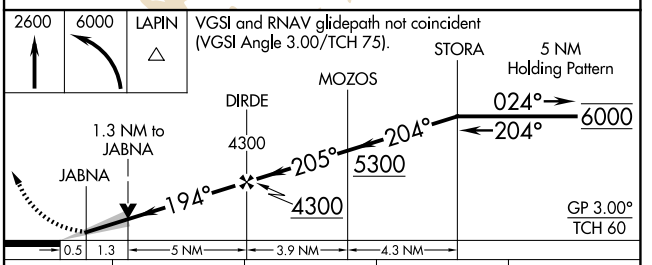
MISSED APPROACH: Climb to 2600 then climbing left turn to 6000 direct LAPIN and hold.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	





MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L



CATEGORY	A	B	C	D
LPV DA	2312-1 200 (200-1)			
LNAV/VNAV DA	2677-1⅝ 565 (500-1⅝)			
LNAV MDA	2740-1 628 (600-1)		2740-1¾ 628 (600-1¾)	
CIRCLING	3020-1¼ 839 (900-1¼)	3060-1¼ 879 (900-1¼)	3100-2¾ 919 (1000-2¾)	3540-3 1359 (1400-3)

LAS VEGAS, NEVADA
Amdt 3A 20FEB25

36°05′N-115°09′W

HARRY REID INTL (LAS)

RNAV (GPS) Y RWY 19L

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	8416
CH 50142	194°	TDZE	2117
W19B		Apt Elev	2181

RNAV (GPS) Y RWY 19R

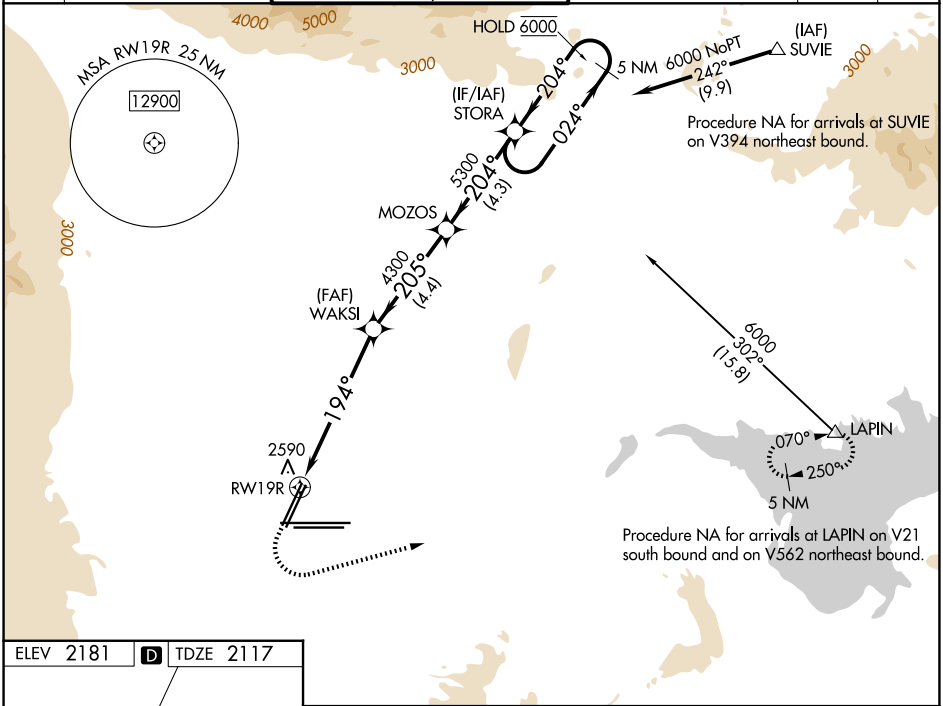
HARRY REID INTL (LAS)

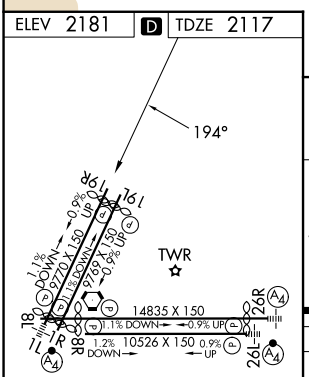
RNP APCH-GPS.

Rwy 19R helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 0°C or above 54°C.

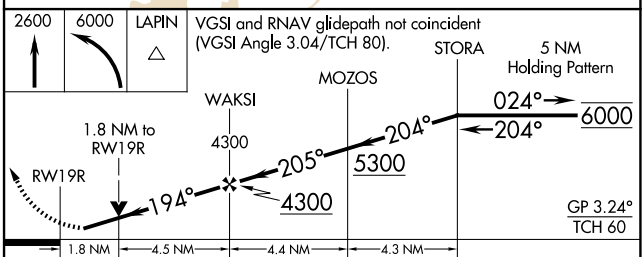
MISSED APPROACH: Climb to 2600 then climbing left turn to 6000 direct LAPIN and hold.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	





MIRL Rwy 1R-19L
REIL Rwys 1R, 8R, 19L and 19R
HIRL Rwys 1L-19R, 8L-26R and 8R-26L



CATEGORY	A	B	C	D
LPV DA	2367-1 250 (200-1)			
LNAV/VNAV DA	2743-1¾ 626 (600-1¾)			
LNAV MDA	2840-1 723 (700-1)		2840-2 723 (700-2)	
CIRCLING	3020-1¼ 839 (900-1¼)	3060-1¼ 879 (900-1¼)	3100-2¾ 919 (1000-2¾)	3540-3 1359 (1400-3)

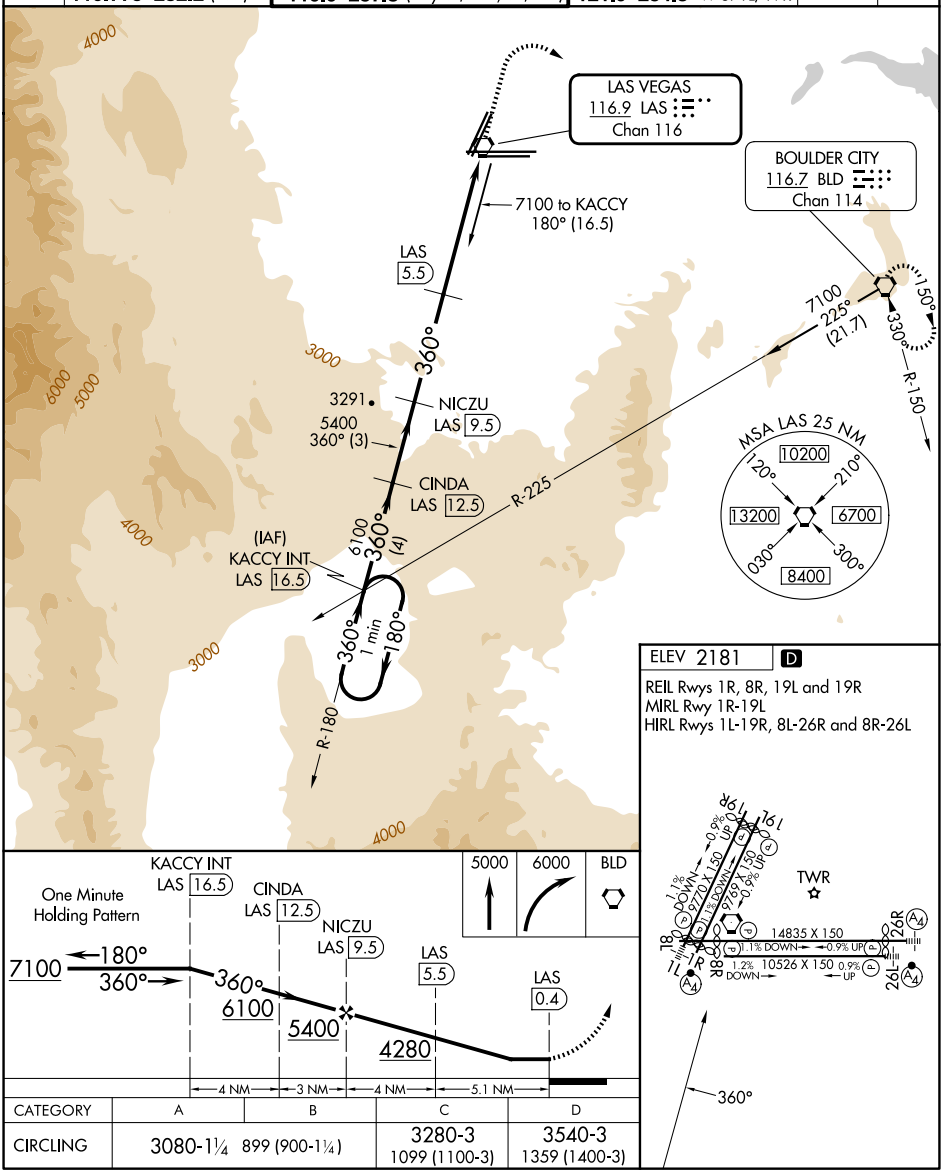
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VORTAC LAS 116.9 Chan 116	APP CRS 360°	Rwy Ldg N/A TDZE N/A Apt Elev 2181

VOR/DME-A
HARRY REID INTL (LAS)

MISSED APPROACH: Climb to 5000 then climbing right turn to 6000 direct BLD VORTAC and hold.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	



CATEGORY	A	B	C	D
CIRCLING	3080-1¼ 899 (900-1¼)		3280-3 1099 (1100-3)	3540-3 1359 (1400-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VORTAC LAS	APP CRS		26L	26R
116.9	262°	Rwy Ldg	10526	12638
Chan 116		TDZE	2069	2067
		Apt Elev	2181	2181

VOR RWY 26L/R

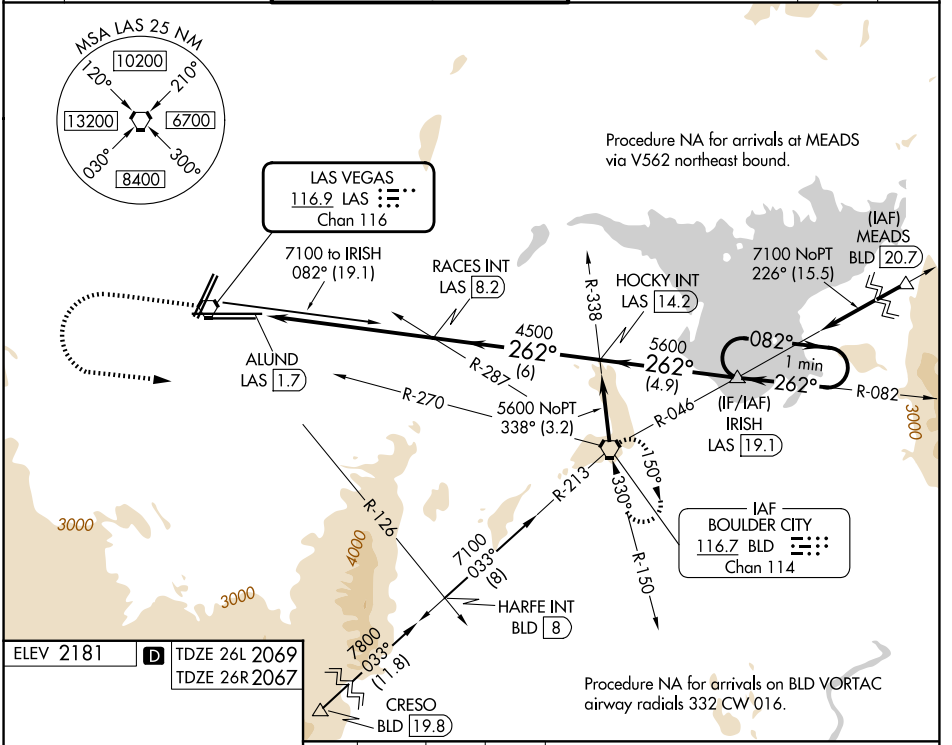
HARRY REID INTL (LAS)

T A For inop ALS, increase S-26L and S-26R Cat D visibility ¼ SM.

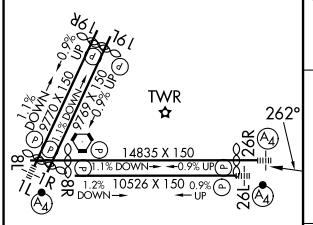
MALSF Rwy 26L | MALS Rwy 26R

MISSED APPROACH: Climb to 4000 then climbing left turn to 6000 on heading 074° and BLD R-270 to BLD VORTAC and hold.

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West) 119.775 282.2 (East)	118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 8L/26R, 8R/26L)	121.1 270.8 E of 1R/19L 121.9 254.3 W of 1L/19R	118.0	



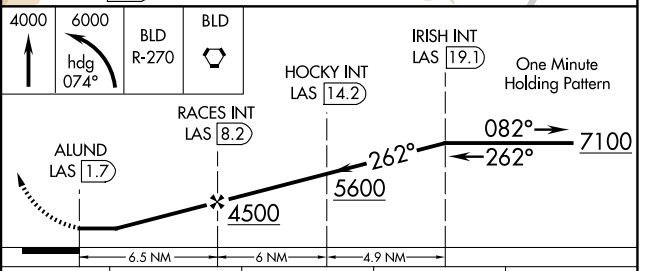
ELEV 2181 D TDZE 26L 2069 TDZE 26R 2067



REIL Rwys 1R, 8R, 19L and 19R
MIRL Rwy 1R-19L
HIRL Rwys 1L-19R, 8L-26R and 8R-26L

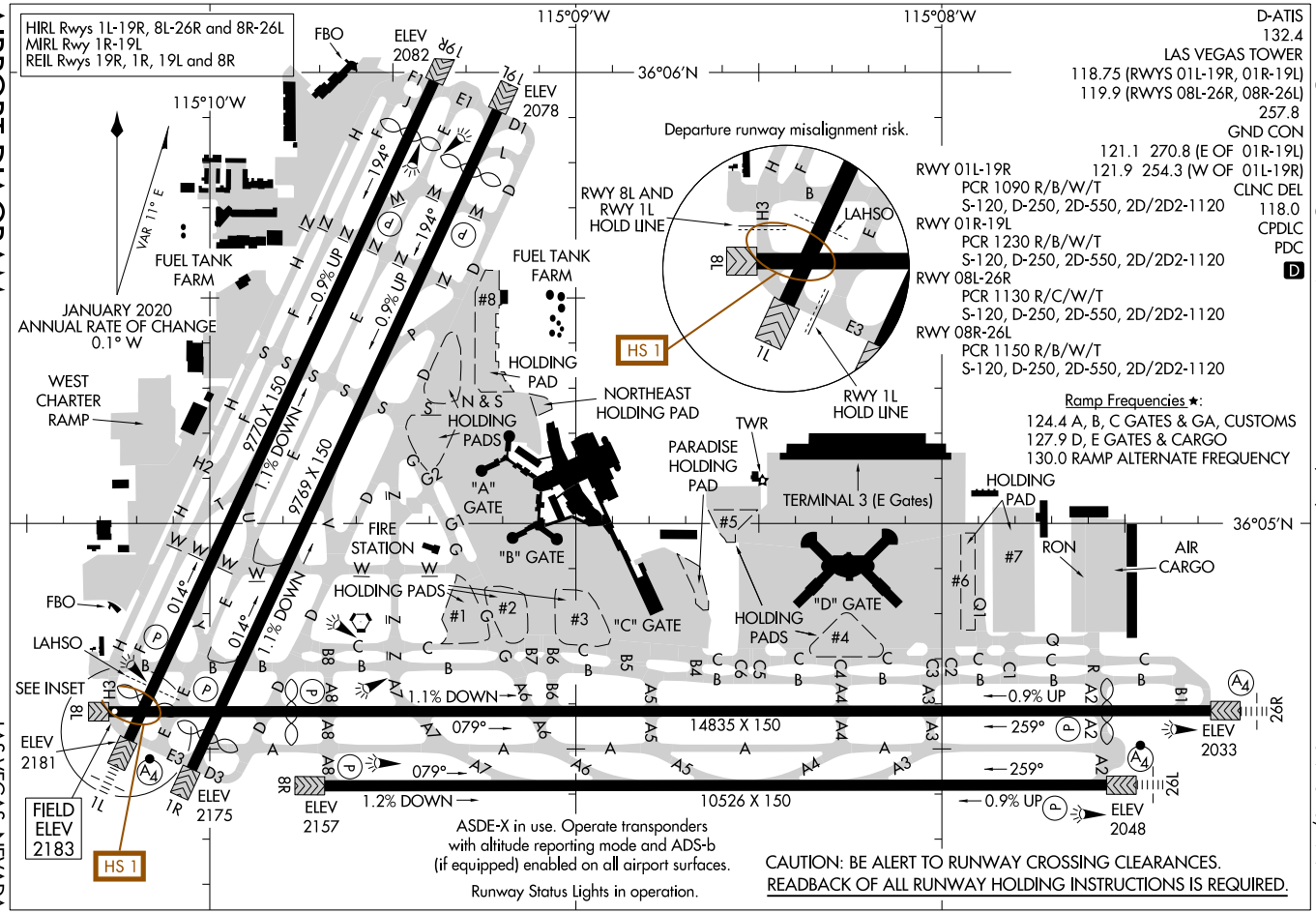
FAF to MAP 6.5 NM

Knots	60	90	120	150	180
Min:Sec	6:30	4:20	3:15	2:36	2:10



CATEGORY	A	B	C	D
S-26L	2720-¾ 651 (600-¾)		2720-1⅝ 651 (600-1⅝)	
S-26R	2720-¾ 653 (600-¾)		2720-1⅝ 653 (600-1⅝)	
CIRCLING	3020-1¼ 839 (900-1¼)	3060-1¼ 879 (900-1¼)	3100-2¾ 919 (1000-2¾)	3540-3 1359 (1400-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



AIRPORT DIAGRAM
26134
HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

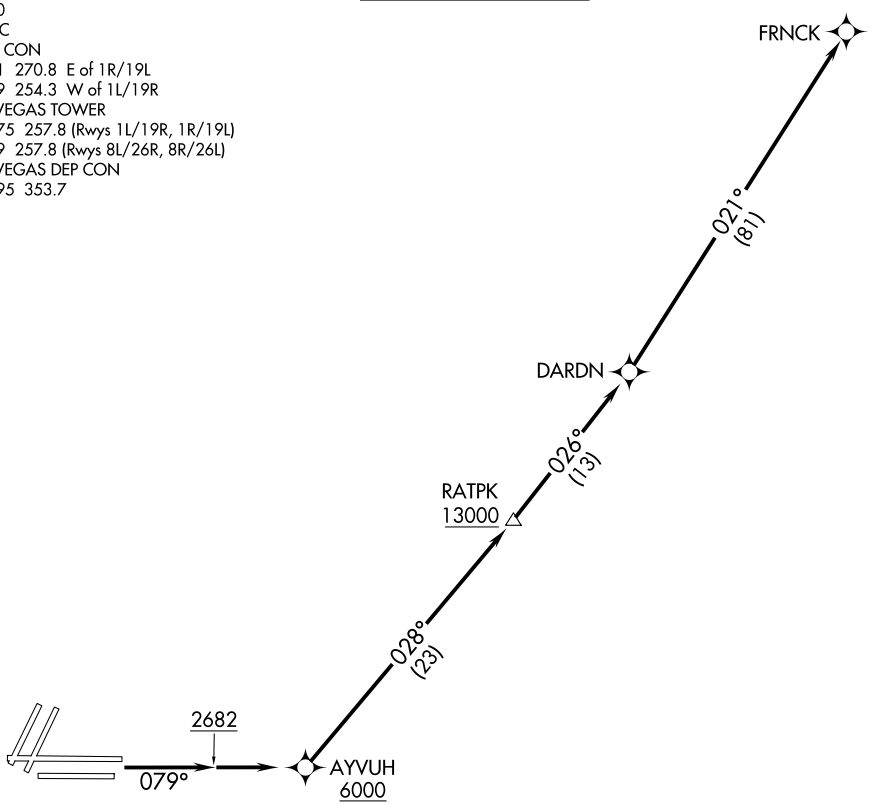
SW-4, 03 SEP 2026 to 29 OCT 2026

FRNCK ONE DEPARTURE (RNAV)

AL-662 (FAA)

D-ATIS
132.4
CLNC DEL
118.0
CPDLC
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)
LAS VEGAS DEP CON
133.95 353.7

TOP ALTITUDE: FL190



TAKEOFF MINIMUMS
Rwys 8L/R: Standard with minimum climb of 500′ per NM to 2682.

NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Turbojet only.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R: Climb on heading 079° to 2682, then direct to cross AYVUH at or above 6000, thence. . . .

. . . .thence on track 028° to cross RATPK at or above 13000, then on track 026° to DARDN, then on track 021° to FRNCK. Maintain FL190. Expect filed altitude 10 minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

GIDGT FOUR DEPARTURE (RNAV) Departure Routes

(GIDGT4.GIDGT) 14MAY26

LAS VEGAS, NEVADA

HARRY REID INTL (LAS)

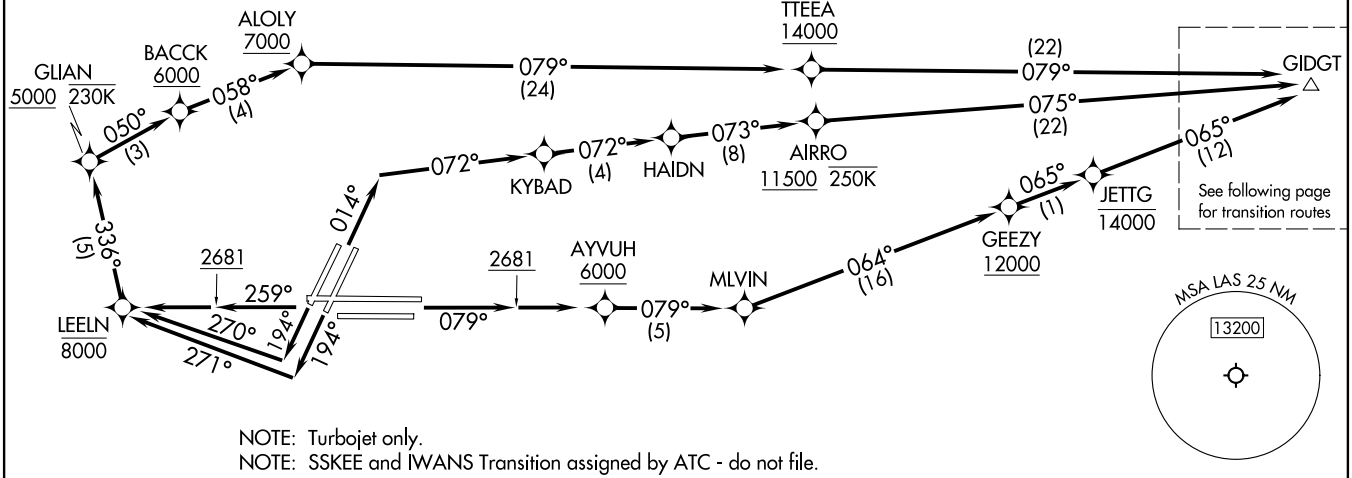
LAS VEGAS DEP CON
133.95 353.7
D-ATIS
132.4
CLNC DEL
118.0
CPDLC
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: FL190

N

TAKEOFF MINIMUMS
Rwy 1L: Standard with minimum climb of 500'/NM to 2681, then 286'/NM to 4900.
Rwy 1R: Standard with minimum climb of 500'/NM to 2681, then 295'/NM to 4900.
Rwys 8L/R, 19L/R: Standard with minimum climb of 500'/NM to 2681.
Rwy 26L: Standard with minimum climb of 500'/NM to 2681, then 204'/NM to 4100.
Rwy 26R: Standard with minimum climb of 500'/NM to 2681, then 271'/NM to 4100.



NOTE: Turbojet only.
NOTE: SSKEE and IWANS Transition assigned by ATC - do not file.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

(GIDGT4.GIDGT) 26134
GIDGT FOUR DEPARTURE (RNAV) Departure Routes
HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

GIDGT FOUR DEPARTURE (RNAV) Transition Routes

(GIDGT4.GIDGT) 14MAY26

LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

LAS VEGAS DEP CON
133.95 353.7
D-ATIS
132.4
CLNC DEL
118.0
CPDLC
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: FL190

N

VERKN

15000
*9700
019°
(35)

BETHL

TUKRR

15000
*9000
053°
(63)

15000
*10900
055°
(82)

GEEOO

15000
*9000
053°
(34)

15000
*10100
071°
(50)

NICLE

GIDGT

*16000
*10100
130°
(42)

MSA LAS 25 NM
13200

NOTE: Turbojet only.
NOTE: SSKEE and IWANS Transition assigned by ATC - do not file.

IWANS

16000
*9400
089°
(42)

SSKEE

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

(GIDGT4.GIDGT) 26134

GIDGT FOUR DEPARTURE (RNAV) Transition Routes

AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 014° to intercept course 072° to KYBAD, then on track 072° to HAIDN, then on track 073° to cross AIRRO at or above 11500 and at or below 250K, then on track 075° to GIDGT, thence. . . .

TAKEOFF RUNWAYS 8L/R: Climb on heading 079° to 2681, then direct to cross AYVUH at or above 6000, then on track 079° to MLVIN, then on track 064° to cross GEEZY at or above 12000, then on track 065° to cross JETTG at or below 14000, then on track 065° to GIDGT, thence. . . .

TAKEOFF RUNWAY 19L: Climb on heading 194° to intercept course 271° to cross LEELN at or below 8000, then on track 336° to cross GLIAN at or above 5000 at or below 230K, then on track 050° to cross BACCK at or above 6000, then on track 058° to cross ALOLY at or above 7000, then on track 079° to cross TTEEA at or above 14000, then on track 079° to GIDGT, thence. . . .

TAKEOFF RUNWAY 19R: Climb on heading 194° to intercept course 270° to cross LEELN at or below 8000, then on track 336° to cross GLIAN at or above 5000 and at or below 230K, then on track 050° to cross BACCK at or above 6000, then on track 058° to cross ALOLY at or above 7000, then on track 079° to cross TTEEA at or above 14000, then on track 079° to GIDGT, thence. . . .

TAKEOFF RUNWAYS 26L/R: Climb on heading 259° to 2681, then direct to cross LEELN at or below 8000, then on track 336° to cross GLIAN at or above 5000 and at or below 230K, then on track 050° to cross BACCK at or above 6000, then on track 058° to cross ALOLY at or above 7000, then on track 079° to cross TTEEA at or above 14000, then on track 079° to GIDGT, thence. . . .

. . . .on (transition). Maintain FL190. Expect filed altitude 10 minutes after departure.

IWANS TRANSITION (GIDGT4.IWANS)
SSKEE TRANSITION (GIDGT4.SSKEE)
TUKRR TRANSITION (GIDGT4.TUKRR)
VERKN TRANSITION (GIDGT4.VERKN)

NOTE: Turbojets only.

TAKEOFF MINIMUMS
Rwys 1L/R: Standard with minimum climb of 400' per NM to 7000.
Rwys 8L/R: Standard with minimum climb of 440' per NM to 7000.
Rwys 19L/R, 26L/R: Standard with minimum climb of 410' per NM to 7000.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SW-4, 03 SEP 2026 to 29 OCT 2026

(HOOVR8.LAS) 22251

HOOVER EIGHT DEPARTURE

AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 014° to 2500, then climbing right turn heading 060°, thence. . . .

TAKEOFF RUNWAYS 8L/R: Climb on heading 079°, thence. . . .

TAKEOFF RUNWAYS 19L/R: Climb on heading 194°, thence. . . .

TAKEOFF RUNWAYS 26L/R: Climb on heading 259° until LAS VORTAC 3 DME, then climbing left turn heading 190°, thence. . . .

. . . .RADAR vectors to transition or assigned route. Maintain ATC assigned altitude, expect clearance to filed altitude two minutes after departure.

LOST COMMUNICATIONS: If no contact with ATC upon reaching 7000, proceed direct BLD VORTAC then climb in BLD VORTAC holding pattern to appropriate MEA for route of flight.

BAVPE TRANSITION (HOOVR8.BAVPE): From over CHALL on BLD R-080 and PGS R-301 to PGS VOR/DME, then on PGS R-076 to BAVPE.

DOVE CREEK TRANSITION (HOOVR8.DVC): From over GIDGT on LAS R-066 and PGA R-234 to PGA VOR/DME, then on PGA R-053 and DVC R-233 to DVC VORTAC.

DRAKE TRANSITION (HOOVR8.DRK): From over SOOSN on IGM R-303 to IGM VOR/DME, then on IGM R-100 and DRK R-281 to DRK VORTAC.

MILFORD TRANSITION (HOOVR8.MLF): From over RATPK on MMM R-199 to MMM VORTAC, then on MMM R-016 and MLF R-197 to MLF VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

JOHKR FIVE DEPARTURE (RNAV) (JOHKR5.JOHKR) 26DEC24

Departure Routes

LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

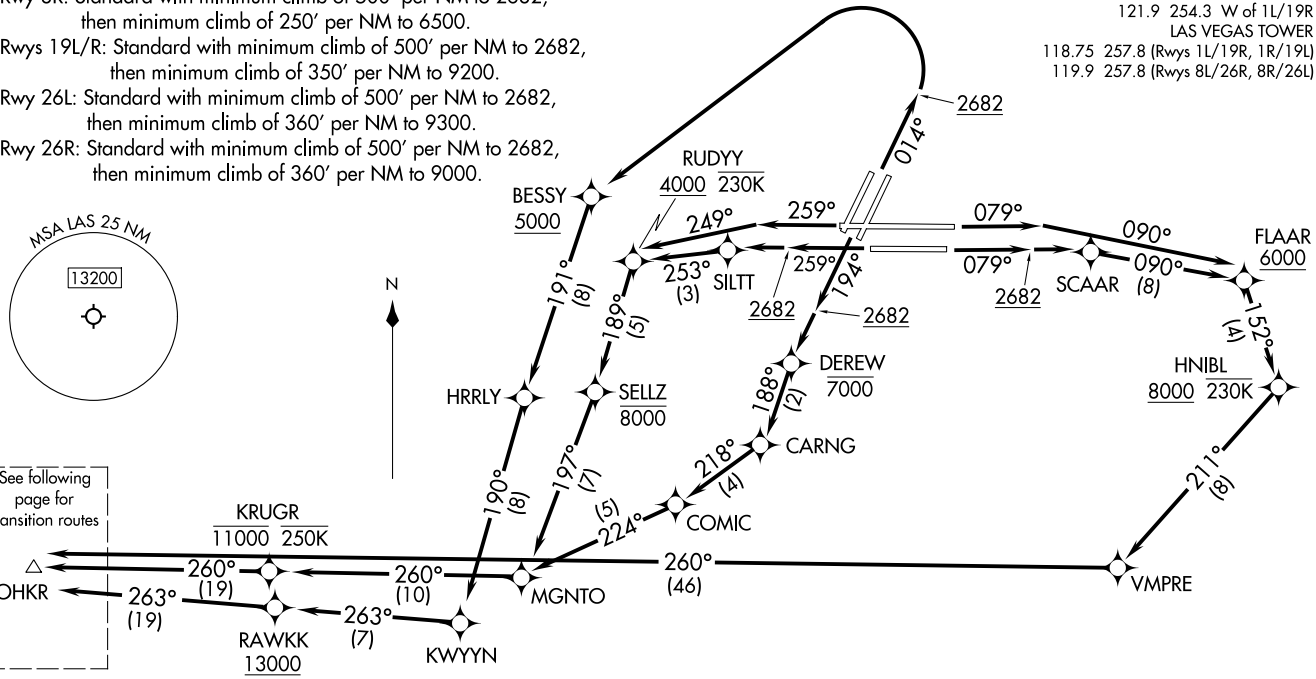
RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: FL190

LAS VEGAS DEP CON
125.9 307.25
D-ATIS
132.4
CLNC DEL
118.0
CPDLC
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)

TAKEOFF MINIMUMS

Rwy 1L: Standard with minimum climb of 514′ per NM to 8700.
Rwy 1R: Standard with minimum climb of 526′ per NM to 8700.
Rwy 8L: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 360′ per NM to 10500.
Rwy 8R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 250′ per NM to 6500.
Rwys 19L/R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 350′ per NM to 9200.
Rwy 26L: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 360′ per NM to 9300.
Rwy 26R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 360′ per NM to 9000.



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NOTE: Chart not to scale.

JOHKR FIVE DEPARTURE (RNAV) (JOHKR5.JOHKR) 24361
Departure Routes
HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

AL-662 (FAA)

(JOHKR5.JOHKR) 24361

JOHKR FIVE DEPARTURE (RNAV)

AL-662 (FAA)

Transition Routes

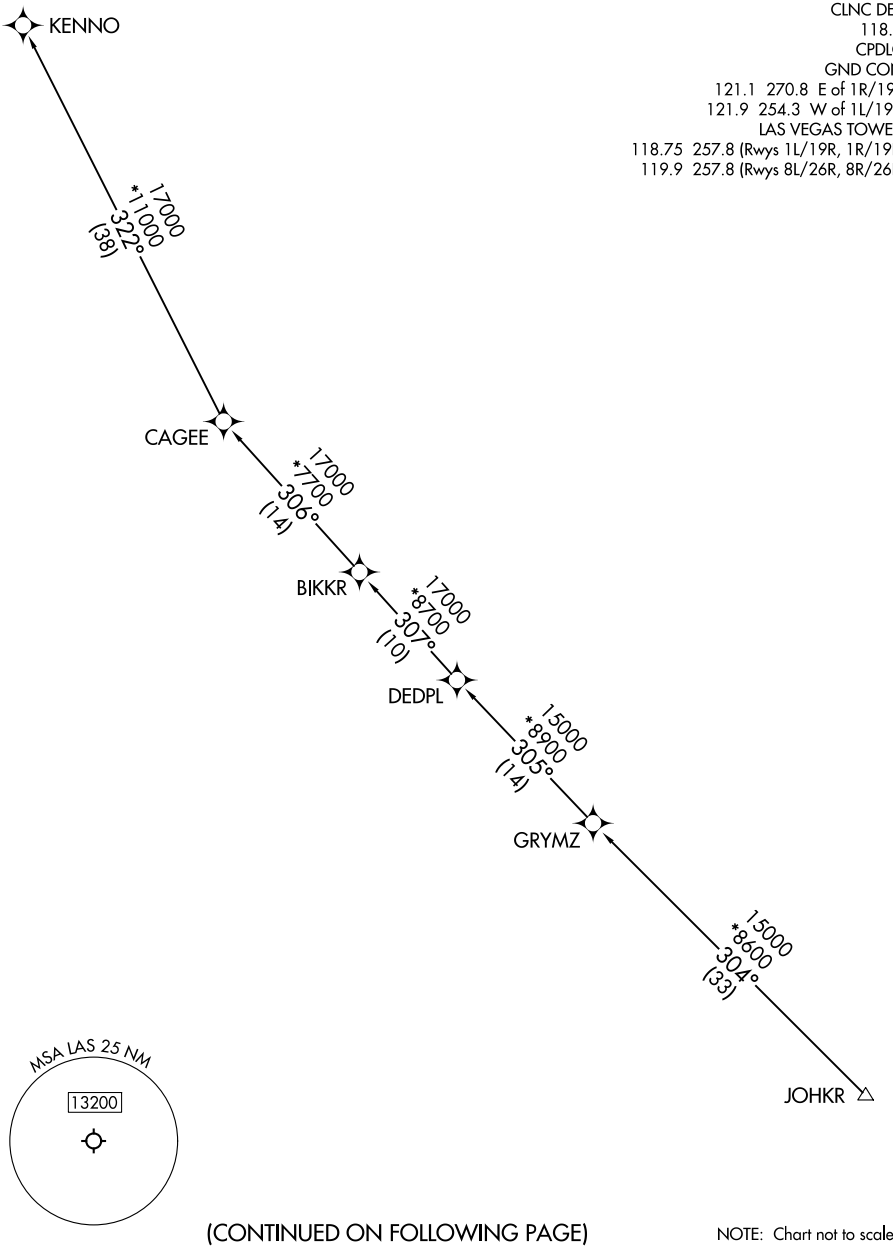
HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

RNAV 1 - DME/DME/IRU or GPS.

RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: FL190

LAS VEGAS DEP CON
125.9 307.25
D-ATIS
132.4
CLNC DEL
118.0
CPDLC
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)



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NOTE: Chart not to scale.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 014° to 2682, then left turn direct BESSY at or above 5000, then on track 191° to HRRLY, then on track 190° to KWYYN, then on track 263° to cross RAWKK at or above 13000, then on track 263° to JOHKR, thence . . . .

TAKEOFF RUNWAY 8L: Climb on heading 079° to intercept course 090° to cross FLAAR at or above 6000, then on track 152° to cross HNIBL at or above 8000 and at or below 230K, then on track 211° to VMPRE, then on track 260° to JOHKR, thence . . . .

TAKEOFF RUNWAY 8R: Climb on heading 079° to 2682, then direct SCAAR, then on track 090° to cross FLAAR at or above 6000, then on track 152° to cross HNIBL at or above 8000 and at or below 230K, then on track 211° to VMPRE, then on track 260° to JOHKR, thence . . . .

TAKEOFF RUNWAYS 19L/R: Climb on heading 194° to 2682, then direct DEREW at or below 7000, then on track 188° to CARNG, then on track 218° to COMIC , then on track 224° to MGNTO, then on track 260° to cross KRUGR at or below 11000 and at or below 250K, then on track 260° to JOHKR, thence . . . .

TAKEOFF RUNWAY 26L: Climb on heading 259° to 2682, then direct SILTT, then on track 253° to cross RUDYY at or above 4000 and at or below 230K, then on track 189° to cross SELLZ at or below 8000, then on track 197° to MGNTO, then on track 260° to cross KRUGR at or below 11000 and at or below 250K, then on track 260° to JOHKR, thence . . . .

TAKEOFF RUNWAY 26R: Climb on heading 259° to intercept course 249° to cross RUDYY at or above 4000 and at or below 230K, then on track 189° to cross SELLZ at or below 8000, then on track 197° to MGNTO, then on track 260° to cross KRUGR at or below 11000 and at or below 250K, then on track 260° to JOHKR, thence . . . .

. . . . on (transition). Maintain FL190. Expect filed altitude 10 minutes after departure.

KENNO TRANSITION (JOHKR5.KENNO)

LOHLA THREE DEPARTURE (RNAV)

(LOHLA3.LOHLA) 03NOV22

LAS VEGAS, NEVADA

HARRY REID INTL (LAS)

RNAV 1 - DME/DME/IRU or GPS.

RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: 14000

D-ATIS 132.4
CLNC DEL 118.0
CPDLC
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)
LAS VEGAS DEP CON
125.9 307.25 (Rwys 1L/R, 8L/R)
133.95 353.7 (Rwys 19L/R, 26L/R)

JAYSN

14000
296°
(30)

LOHLA
13400

282°
(13)

PENSK

283°

336°
(6)

014°

LEELN
8000

2682

259°

271°

194°

079°

090°

FLAAR
6000

079°
2682

SCAAR

090°
(8)

152°
(4)

HNIBL
8000 230K

211°
(5)

KNGPN

N

NOTE: Turbojet only.
NOTE: Do not file - to be assigned by ATC.
NOTE: If unable to accept climb gradients, advise ATC on intial contact.

TAKEOFF MINIMUMS

Rwy 1L: Standard with minimum climb of 514′ per NM to 10300.
Rwy 1R: Standard with minimum climb of 526′ per NM to 10300,
Rwy 8L: Standard with minimum climb of 254′ per NM to 6900.
Rwy 8R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 242′ per NM to 6800.
Rwy 19L: Standard with minimum climb of 470′ per NM to 10300,
Rwy 19R: Standard with minimum climb of 468′ per NM to 10300,
Rwy 26L: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 480′ per NM to 10300.
Rwy 26R: Standard with minimum climb of 500′ per NM 2682, then minimum climb of 495′ per NM to 10300.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

(LOHLA3.LOHLA) 22307

LOHLA THREE DEPARTURE (RNAV)

AL-662 (FAA)

HARRY REID INTL (LAS)

LAS VEGAS, NEVADA

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 014° to intercept course 283° to PENSK, then on track 282° to cross LOHLA at or above 13400, thence. . . .

TAKEOFF RUNWAY 8L: Climb on heading 079° to intercept course 090° to cross FLAAR at or above 6000, then on track 152° to cross HNIBL at or above 8000 and at or below 230K, then on track 211° to KNGPN, then right turn direct LOHLA at or above 13400, thence. . . .

TAKEOFF RUNWAY 8R: Climb on heading 079° to 2682, then direct SCAAR, then on track 090° to cross FLAAR at or above 6000, then on track 152° to cross HNIBL at or above 8000 and at or below 230K, then on track 211° to KNGPN, then right turn direct LOHLA at or above 13400, thence. . . .

TAKEOFF RUNWAYS 19L/R: Climb on heading 194° to intercept course 271° to LEELN at or below 8000, then on track 336° to PENSK, then on track 282° to cross LOHLA at or above 13400, thence. . . .

TAKEOFF RUNWAYS 26L/R: Climb on heading 259° to 2682, then direct LEELN at or below 8000, then on track 336° to PENSK, then on track 282° to cross LOHLA at or above 13400, thence. . . .

. . . . on (transition), maintain 14000. Expect filed altitude 10 minutes after departure.

JAYSN TRANSITION (LOHLA3.JAYSN)

SW-4, 03 SEP 2026 to 29 OCT 2026

(MCCRN8.LAS) 26246

MCCARRAN EIGHT DEPARTURE

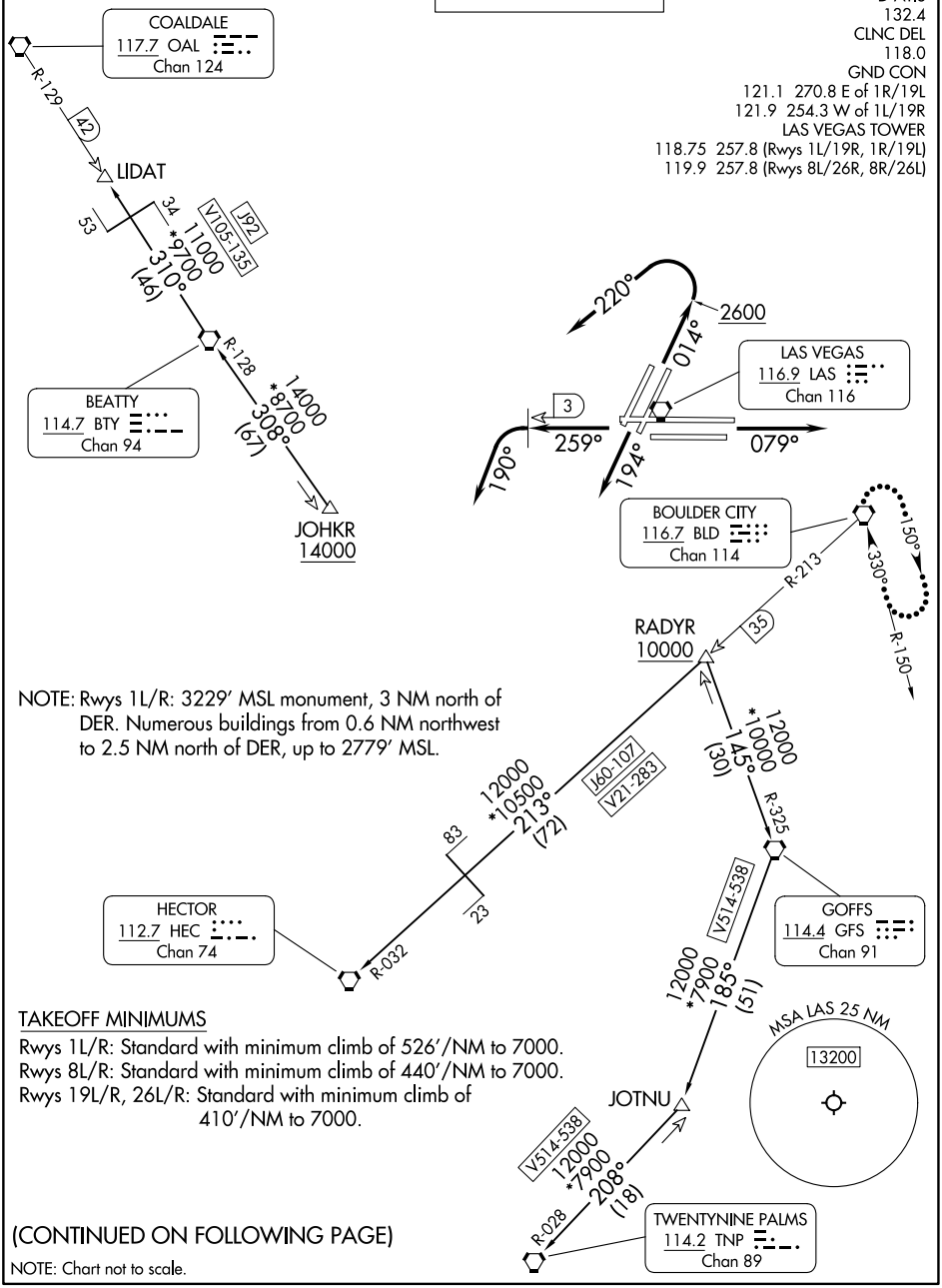
AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

RADAR and DME required.

TOP ALTITUDE: ASSIGNED BY ATC

LAS VEGAS DEP CON
125.9 307.25
D-ATIS
132.4
CLNC DEL
118.0
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)



NOTE: Rwys 1L/R: 3229′ MSL monument, 3 NM north of DER. Numerous buildings from 0.6 NM northwest to 2.5 NM north of DER, up to 2779′ MSL.

TAKEOFF MINIMUMS

Rwys 1L/R: Standard with minimum climb of 526′/NM to 7000.
Rwys 8L/R: Standard with minimum climb of 440′/NM to 7000.
Rwys 19L/R, 26L/R: Standard with minimum climb of 410′/NM to 7000.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 014° to 2600, then climbing left turn heading 220°, thence. . . .

TAKEOFF RUNWAYS 8L/R: Climb on heading 079°, thence. . . .

TAKEOFF RUNWAYS 19L/R: Climb on heading 194°, thence. . . .

TAKEOFF RUNWAYS 26L/R: Climb on heading 259° until LAS VORTAC 3 DME, then climbing left turn heading 190°, thence. . . .

. . . .for RADAR vectors to assigned transition or assigned route. Maintain ATC assigned altitude. Expect clearance to filed altitude two minutes after departure.

LOST COMMUNICATIONS: If no contact with ATC upon reaching 7000, proceed direct BLD VORTAC then climb in BLD VORTAC holding pattern to the appropriate MEA for route of flight.

HECTOR TRANSITION (MCCRN8.HEC): From over RADYR on BLD R-213 and HEC R-032 to HEC VORTAC.

LIDAT TRANSITION (MCCRN8.LIDAT): From over JOHKR on BTY R-128 to BTY VORTAC, then on BTY R-310 and OAL R-129 to LIDAT.

TWENTY NINE PALMS TRANSITION (MCCRN8.TNP): From over RAYDR on GFS R-325 to GFS VORTAC, then on GFS R-185 and TNP R-028 to TNP VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

NIITZ FOUR DEPARTURE (RNAV) Departure Routes

(NIITZ4.NIITZ) 31OCT24

LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

TOP ALTITUDE: FL190

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.

NOTE: Do not file. TUKRR and IWANS transitions assigned by ATC.
NOTE: Turbojets only.
NOTE: If unable to accept climb rates, advise ATC on initial contact.

MSA LAS 25 NM
13200

N

LAS VEGAS DEP CON
125.9 307.25 (Rwys 19L/R, 26L/R)
133.95 353.7 (Rwys 1L/R, 8L/R)
D-ATIS
132.4
CLNC DEL
118.0
CPDLC
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)

KYBAD
HAIDN
OLBLU
10000 250K
RUDYY
4000 230K
SILTT
SELLZ
8000
DEREW
7000
CARNG
TTONE
8000
VIVVS
10000
SGFRD
17000
SCAAR
FLAAR
6000 230K
GOLIE
DBLII
13000
GLDYN
12000
NIITZ
See following page for transition routes

072° (4)
095° (6)
092° (61)
014°
249°
259°
253° (3)
189° (5)
259°
194°
2682
2682
079°
2682
090° (8)
090° (5)
083° (9)
083° (10)
088° (44)
188° (2)
127° (6)
158° (4)
110° (6)
075° (28)
079° (48)

TAKEOFF MINIMUMS
Rwys 1L/R: Standard with minimum climb of 500′/NM to 2682 then 280′/NM to 4800.
Rwys 8L/R: Standard with minimum climb of 500′/NM to 2682.
Rwys 19L/R: Standard with minimum climb of 571′/NM to 8000.
Rwys 26L/R: Standard with minimum climb of 500′/NM to 2682 then 240′/NM to 5000.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

(NIITZ4.NIITZ) 24305
NIITZ FOUR DEPARTURE (RNAV) Departure Routes
AL-662 (FAA)
HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

NIITZ FOUR DEPARTURE (RNAV) Transition Routes

(NIITZ4.NIITZ) 31OCT24

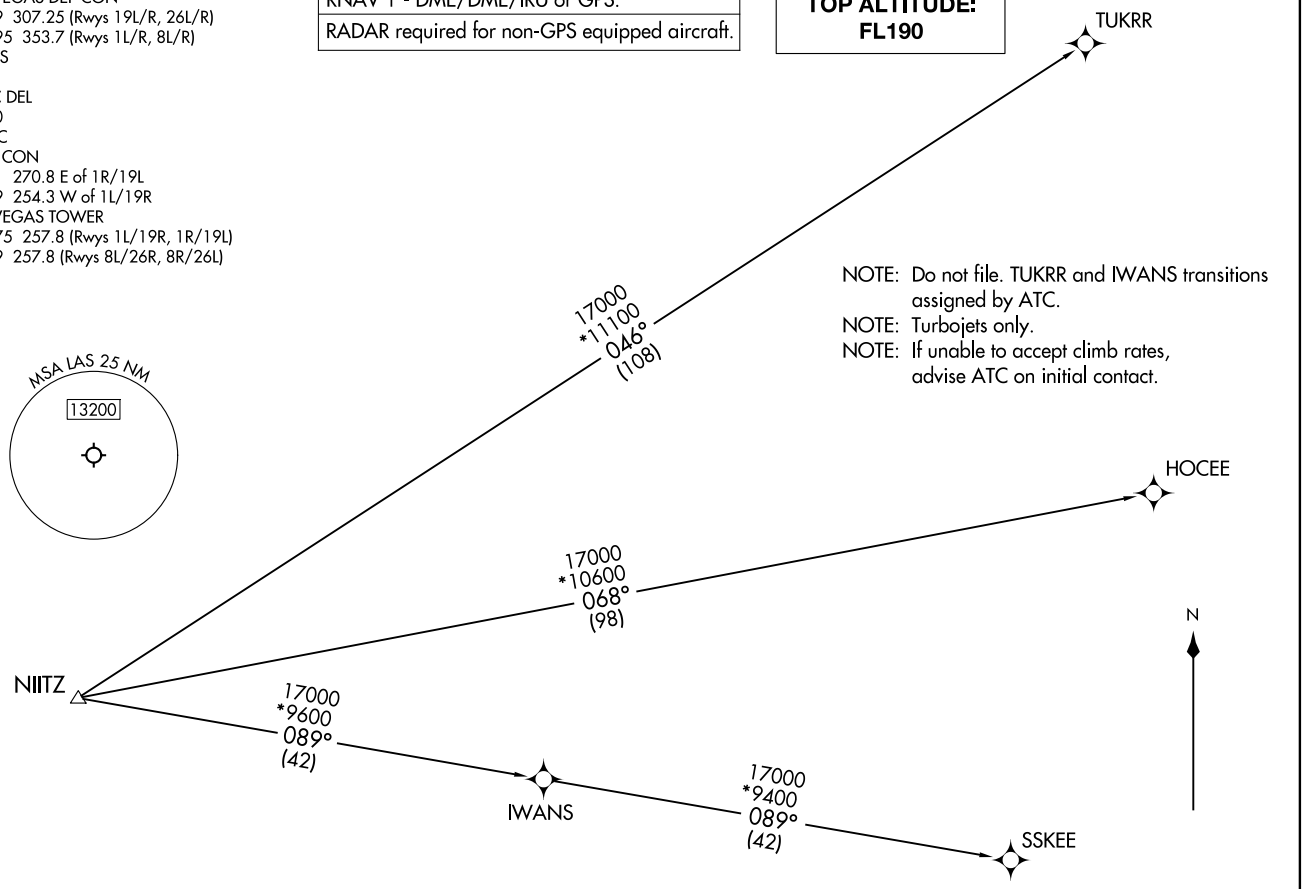
LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

LAS VEGAS DEP CON
125.9 307.25 (Rwys 19L/R, 26L/R)
133.95 353.7 (Rwys 1L/R, 8L/R)
D-ATIS
132.
CLNC DEL
118.0
CPDLC
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: FL190

NOTE: Do not file. TUKRR and IWANS transitions assigned by ATC.
NOTE: Turbojets only.
NOTE: If unable to accept climb rates, advise ATC on initial contact.



NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

(NIITZ4.NIITZ) 24305

NIITZ FOUR DEPARTURE (RNAV) Transition Routes

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

AL-662 (FAA)

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 014° to intercept course 072° to KYBAD, then on track 072° to HAIDN, then on track 095° to cross OLBLU at or above 10000 and at or below 250K, then on track 092° to NIITZ, thence . . . .

TAKEOFF RUNWAY 8L: Climb on heading 079° to intercept course 090° to cross FLAAR at or above 6000 and at or below 230K, then on track 090° to GOLIE, then on track 083° to cross DBLII at or below 13000, then on track 083° to cross GLDYN at or above 12000, then on track 088° to NIITZ, thence . . . .

TAKEOFF RUNWAY 8R: Climb on heading 079° to 2682, then direct SCAAR, then on track 090° to cross FLAAR at or above 6000 and at or below 230K, then on track 090° to GOLIE, then on track 083° to cross DBLII at or below 13000, then on track 083° to cross GLDYN at or above 12000, then on track 088° to NIITZ, thence . . . .

TAKEOFF RUNWAYS 19L/R: Climb on heading 194° to 2682, then direct DEREW to cross at or below 7000, then on track 188° to CARNG, then on track 158° to cross TTONE at or above 8000, then on track 110° to cross VIVVS at or above 10000, then on track 075° to cross SGFRD at or above 17000, then on track 079° to NIITZ, thence . . . .

TAKEOFF RUNWAY 26L: Climb on heading 259° to 2682, then direct SILTT, then on track 253° to cross RUDYY at or above 4000 and at or below 230K, then on track 189° to cross SELLZ at or below 8000, then on track 127° to cross TTONE at or above 8000, then on track 110° to cross VIVVS at or above 10000, then on track 075° to cross SGFRD at or above 17000, then on track 079° to NIITZ, thence . . . .

TAKEOFF RUNWAY 26R: Climb on heading 259° to intercept course 249° to cross RUDYY at or above 4000 and at or below 230K, then on track 189° to cross SELLZ at or below 8000, then on track 127° to cross TTONE at or above 8000, then on track 110° to cross VIVVS at or above 10000, then on track 075° to cross SGFRD at or above 17000, then on track 079° to NIITZ, thence . . . .

. . . . on (transition), maintain FL190. Expect filed altitude 10 minutes after departure.

HOCEE TRANSITION (NIITZ4.HOCEE)

IWANS TRANSITION (NIITZ4.IWANS)

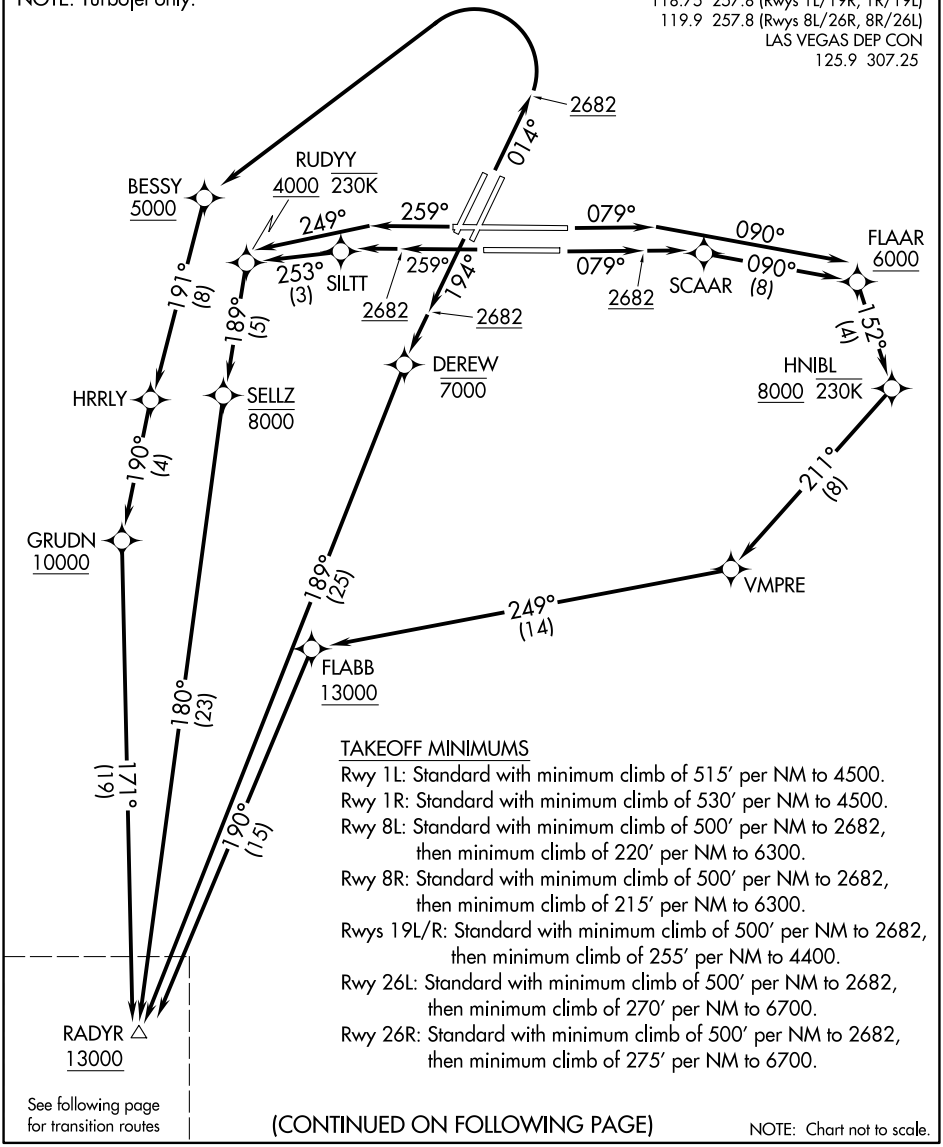
SSKEE TRANSITION (NIITZ4.SSKEE)

TUKRR TRANSITION (NIITZ4.TUKRR)

TOP ALTITUDE: FL190

D-ATIS 132.4
CLNC DEL 118.0
CPDLC
GND CON 121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER 118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)
LAS VEGAS DEP CON 125.9 307.25

NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Turbojet only.



See following page for transition routes

TAKEOFF MINIMUMS

Rwy 1L: Standard with minimum climb of 515′ per NM to 4500.
Rwy 1R: Standard with minimum climb of 530′ per NM to 4500.
Rwy 8L: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 220′ per NM to 6300.
Rwy 8R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 215′ per NM to 6300.
Rwys 19L/R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 255′ per NM to 4400.
Rwy 26L: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 270′ per NM to 6700.
Rwy 26R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 275′ per NM to 6700.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

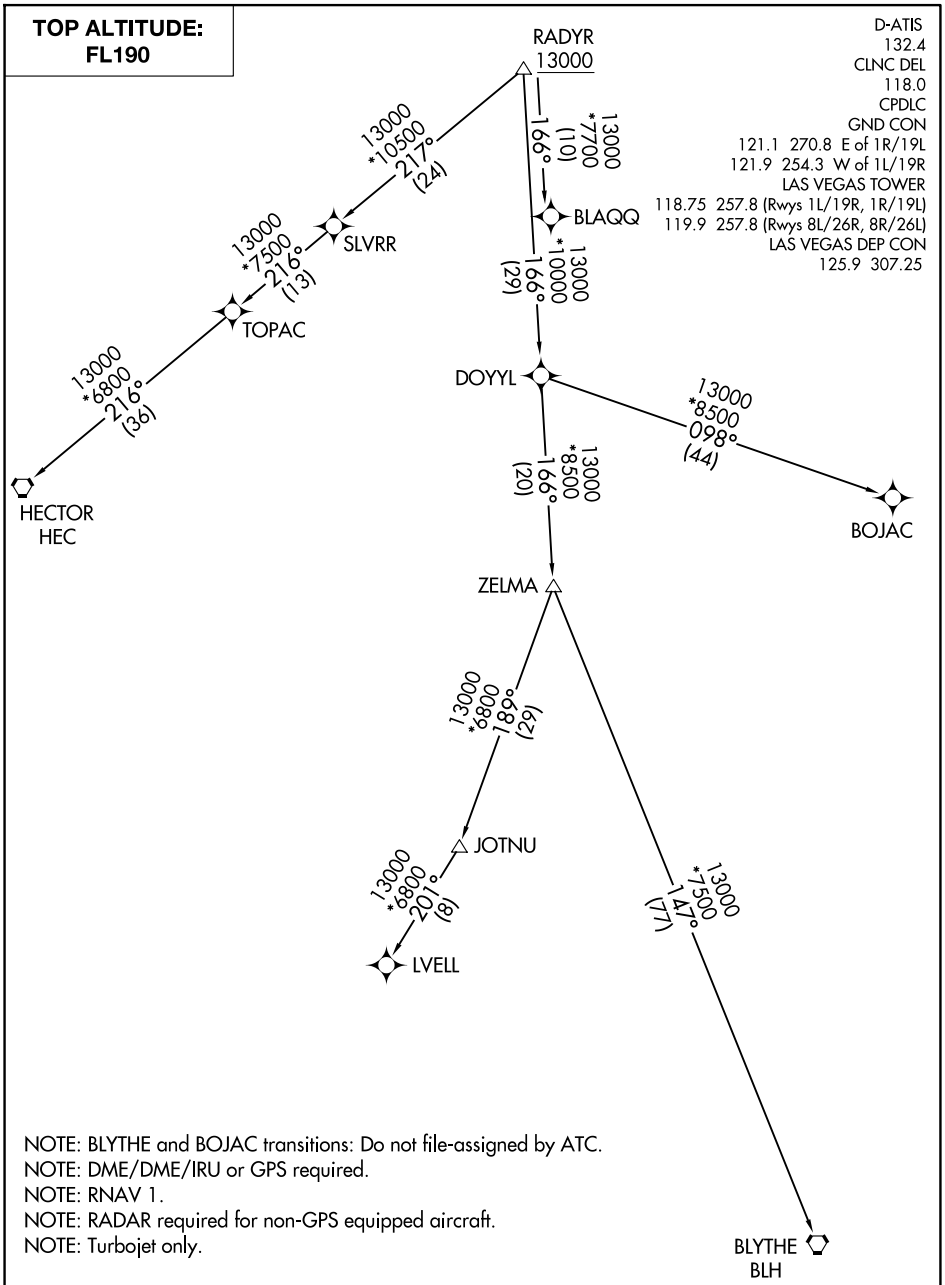
SW-4, 03 SEP 2026 to 29 OCT 2026

(RADYR2.RADYR) 24249

AL-662 (FAA)

RADYR TWO DEPARTURE (RNAV) Transition Routes

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA



NOTE: BLYTHE and BOJAC transitions: Do not file-assigned by ATC.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Turbojet only.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

RADYR TWO DEPARTURE (RNAV) Transition Routes
LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

(RADYR2.RADYR) 12AUG21

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 014° to 2682, then left turn direct BESSY at or above 5000, then on track 191° to HRRLY, then on track 190° to cross GRUDN at or above 10000, then on track 171° to cross RADYR at or above 13000, thence. . . .

TAKEOFF RUNWAY 8L: Climb on heading 079° to intercept course 090° to cross FLAAR at or above 6000, then on track 152° to cross HNIBL at or above 8000 and at or below 230K, then on track 211° to VMPRE, then on track 249° to cross FLABB at or above 13000, then on track 190° to cross RADYR at or above 13000, thence. . . .

TAKEOFF RUNWAY 8R: Climb on heading 079° to 2682, then direct SCAAR, then on track 090° to cross FLAAR at or above 6000, then on track 152° to cross HNIBL at or above 8000 and at or below 230K, then on track 211° to VMPRE, then on track 249° to cross FLABB at or above 13000, then on track 190° to cross RADYR at or above 13000, thence. . . .

TAKEOFF RUNWAYS 19L/R: Climb on heading 194° to 2682, then direct DEREW at or below 7000, then on track 189° to cross RADYR at or above 13000, thence. . . .

TAKEOFF RUNWAY 26L: Climb on heading 259° to 2682, then direct SILTT, then on track 253° to cross RUDYY at or above 4000 and at or below 230K, then on track 189° to cross SELLZ at or below 8000, then on track 180° to cross RADYR at or above 13000, thence. . . .

TAKEOFF RUNWAY 26R: Climb on heading 259° to intercept course 249° to cross RUDYY at or above 4000 and at or below 230K, then on track 189° to cross SELLZ at or below 8000, then on track 180° to cross RADYR at or above 13000, thence. . . .

. . . . on (transition). Maintain FL190. Expect filed altitude 10 minutes after departure.

BLAQQ TRANSITION (RADYR2.BLAQQ)

BLYTHE TRANSITION (RADYR2.BLH)

BOJAC TRANSITION (RADYR2.BOJAC)

HECTOR TRANSITION (RADYR2.HEC)

LVELL TRANSITION (RADYR2.LVELL)

SLVRR TRANSITION (RADYR2.SLVRR)

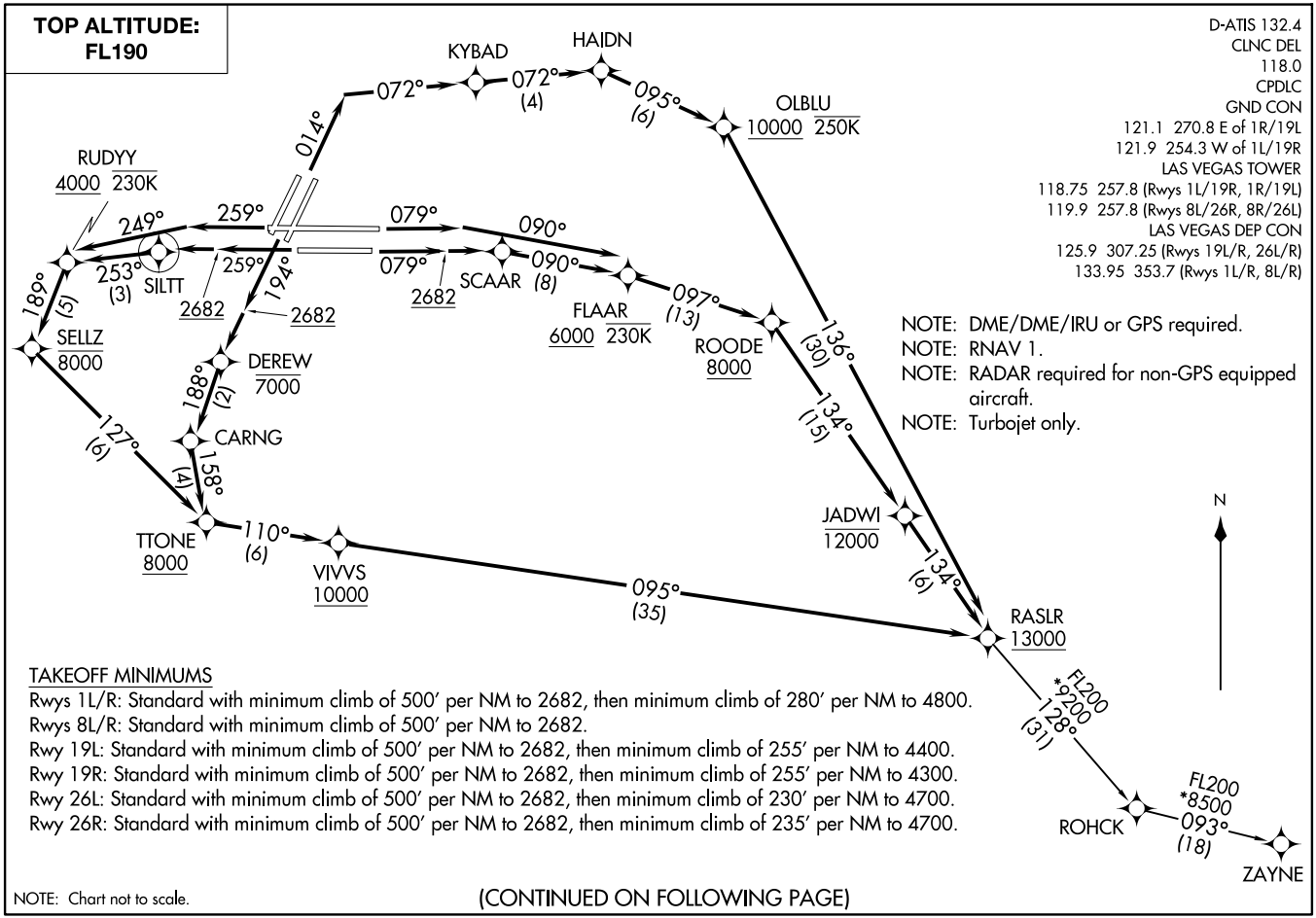
SW-4, 03 SEP 2026 to 29 OCT 2026

RASLR THREE DEPARTURE (RNAV)

(RASLR3.RASLR) 27JAN22

LAS VEGAS, NEVADA
HARRY REID INTL (LAS)

TOP ALTITUDE: FL190



D-ATIS 132.4
CLNC DEL
118.0
CPDLC
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)
LAS VEGAS DEP CON
125.9 307.25 (Rwys 19L/R, 26L/R)
133.95 353.7 (Rwys 1L/R, 8L/R)

NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Turbojet only.

TAKEOFF MINIMUMS

Rwys 1L/R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 280′ per NM to 4800.
Rwys 8L/R: Standard with minimum climb of 500′ per NM to 2682.
Rwy 19L: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 255′ per NM to 4400.
Rwy 19R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 255′ per NM to 4300.
Rwy 26L: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 230′ per NM to 4700.
Rwy 26R: Standard with minimum climb of 500′ per NM to 2682, then minimum climb of 235′ per NM to 4700.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

(RASLR3.RASLR) 24249

RASLR THREE DEPARTURE (RNAV)

AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 014° to intercept course 072° to KYBAD, then on track 072° to HAIDN, then on track 095° to cross OLBLU at or above 10000 and at or below 250K, then on track 136° to cross RASLR at or above 13000, thence. . . .

TAKEOFF RUNWAY 8L: Climb on heading 079° to intercept course 090° to cross FLAAR at or above 6000 and at or below 230K, then on track 097° to cross ROODE at or above 8000, then on track 134° to cross JADWI at or below 12000, then on track 134° to cross RASLR at or above 13000, thence. . . .

TAKEOFF RUNWAY 8R: Climb on heading 079° to 2682, then direct SCAAR, then on track 090° to cross FLAAR at or above 6000 and at or below 230K, then on track 097° to cross ROODE at or above 8000, then on track 134° to cross JADWI at or below 12000, then on track 134° to cross RASLR at or above 13000, thence. . . .

TAKEOFF RUNWAYS 19L/R: Climb on heading 194° to 2682, then direct DEREW at or below 7000, then on track 188° to CARNG, then on track 158° to cross TTONE at or above 8000, then on track 110° to cross VIVVS at or above 10000, then on track 095° to cross RASLR at or above 13000, thence. . . .

TAKEOFF RUNWAY 26L: Climb on heading 259° to 2682, then direct SILTT, then on track 253° to cross RUDYY at or above 4000 and at or below 230K, then on track 189° to cross SELLZ at or below 8000, then on track 127° to cross TTONE at or above 8000, then on track 110° to cross VIVVS at or above 10000, then on track 095° to cross RASLR at or above 13000, thence. . . .

TAKEOFF RUNWAY 26R: Climb on heading 259° to intercept course 249° to cross RUDYY at or above 4000 and at or below 230K, then on track 189° to cross SELLZ at or below 8000, then on track 127° to cross TTONE at or above 8000, then on track 110° to cross VIVVS at or above 10000, then on track 095° to cross RASLR at or above 13000, thence. . . .

. . . . on (transition). Maintain FL190. Expect filed altitude 10 minutes after departure.

ZAYNE TRANSITION (RASLR3.ZAYNE)

(RATPK3.RATPK) 24249

RATPK THREE DEPARTURE (RNAV)

AL-662 (FAA)

HARRY REID INTL (LAS)
LAS VEGAS, NEVADA

D-ATIS
132.4
CLNC DEL
118.0
CPDLC
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1L/19R
LAS VEGAS TOWER
118.75 257.8 (Rwys 1L/19R, 1R/19L)
119.9 257.8 (Rwys 8L/26R, 8R/26L)
LAS VEGAS DEP CON
125.9 307.25 (Rwys 8L/R)
133.95 353.7 (Rwys 1L/R, 19L/R, 26L/R)

TOP ALTITUDE: FL190

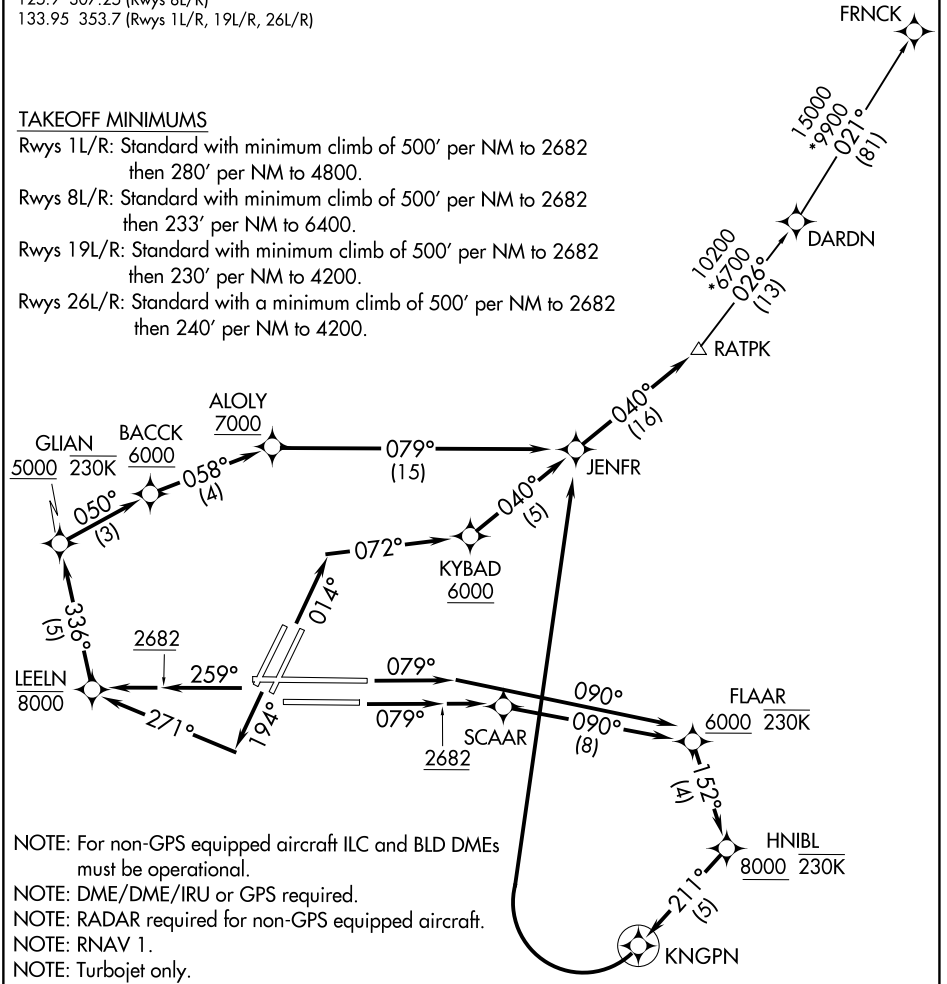
TAKEOFF MINIMUMS

Rwys 1L/R: Standard with minimum climb of 500′ per NM to 2682 then 280′ per NM to 4800.

Rwys 8L/R: Standard with minimum climb of 500′ per NM to 2682 then 233′ per NM to 6400.

Rwys 19L/R: Standard with minimum climb of 500′ per NM to 2682 then 230′ per NM to 4200.

Rwys 26L/R: Standard with a minimum climb of 500′ per NM to 2682 then 240′ per NM to 4200.



NOTE: For non-GPS equipped aircraft ILC and BLD DMEs must be operational.
NOTE: DME/DME/IRU or GPS required.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: RNAV 1.
NOTE: Turbojet only.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 014° to intercept course 072° to cross KYBAD at or above 6000, then on track 040° to JENFR, then on track 040° to RATPK, thence . . . .

TAKEOFF RUNWAY 8L: Climb on heading 079° to intercept course 090° to cross FLAAR at or above 6000 and at or below 230K, then on track 152° to cross HNIBL at or above 8000 and at or below 230K, then on track 211° to KNGPN, then right turn direct JENFR, then on track 040° to RATPK, thence . . . .

TAKEOFF RUNWAY 8R: Climb on heading 079° to 2682, then direct SCAAR, then on track 090° to cross FLAAR at or above 6000 and at or below 230K, then on track 152° to cross HNIBL at or above 8000 and at or below 230K, then on track 211° to KNGPN, then right turn direct JENFR, then on track 040° to RATPK, thence . . . .

TAKEOFF RUNWAYS 19L/R: Climb on heading 194° to intercept course 271° to cross LEELN at or below 8000, then on track 336° to cross GLIAN at or above 5000 and at or below 230K, then on track 050° to cross BACCK at or above 6000, then on track 058° to cross ALOLY at or above 7000, then on track 079° to JENFR, then on track 040° to RATPK, thence . . . .

TAKEOFF RUNWAYS 26L/R: Climb on heading 259° to 2682, then direct LEELN to cross LEELN at or below 8000, then on track 336° to cross GLIAN at or above 5000 and at or below 230K, then on track 050° to cross BACCK at or above 6000, then on track 058° to cross ALOLY at or above 7000, then on track 079° to JENFR, then on track 040° to RATPK, thence . . . .

. . . . on (transition), maintain FL190. Expect filed altitude 10 minutes after departure.

FRNCK TRANSITION (RATPK3.FRNCK)

LAS VEGAS, NEVADA | AL-6514 (FAA) | 26246

APP CRS	Rwy Ldg	N/A
347°	TDZE	N/A
	Apt Elev	2491

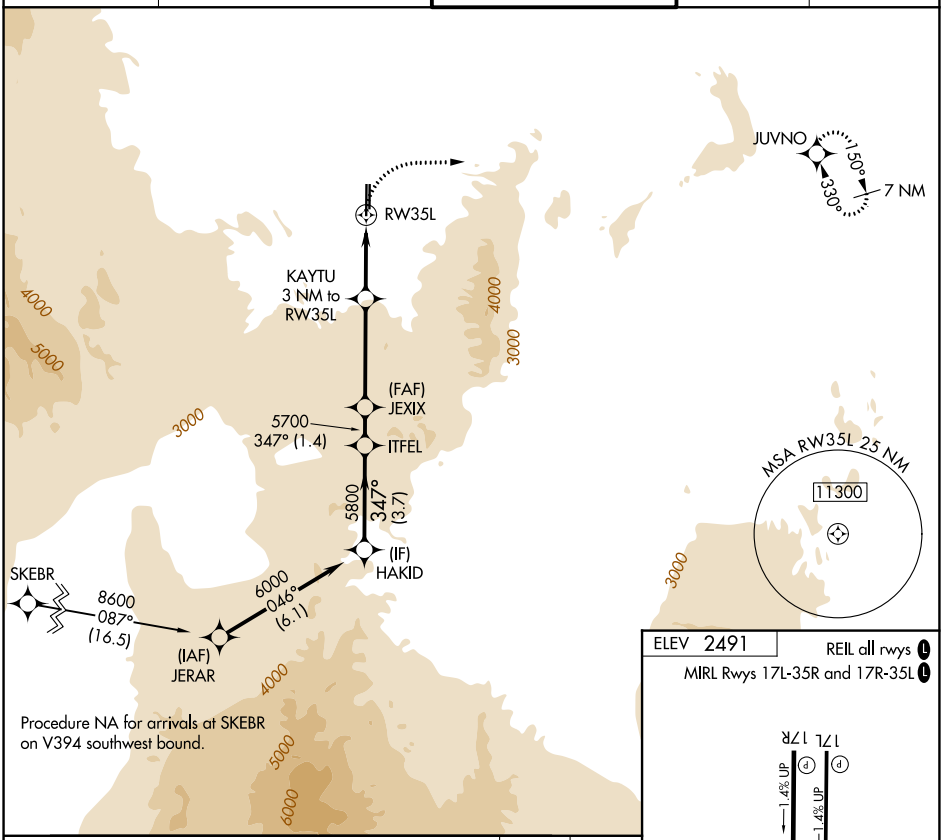
RNAV (GPS)-B
HENDERSON EXEC (HND)

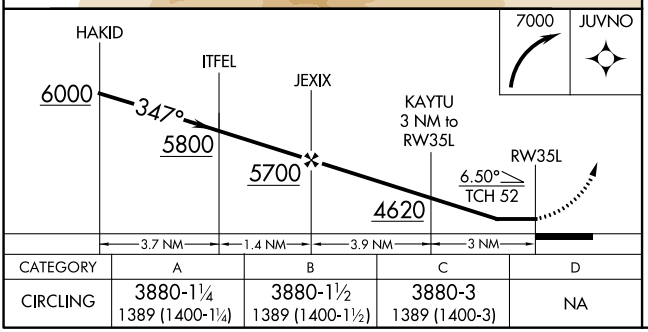
RNP APCH-GPS.

T A Circling to Rwy 35L NA at night. Rwy 35L helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Harry Reid Intl altimeter setting and increase all MDAs 60 feet.

MISSED APPROACH: Climbing right turn to 7000 direct JUVNO and hold, continue climb-in-hold to 7000.

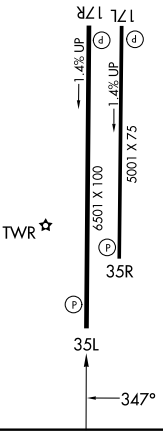
ATIS	LAS VEGAS APP CON	HENDERSON TOWER★	GND CON	UNICOM
120.775	125.475 307.25	125.1 (CTAF) L	127.8	122.95





CATEGORY	A	B	C	D
CIRCLING	3880-1¼ 1389 (1400-1¼)	3880-1½ 1389 (1400-1½)	3880-3 1389 (1400-3)	NA

ELEV 2491 | REIL all rwys L
MIRL Rwys 17L-35R and 17R-35L L



LAS VEGAS, NEVADA
Amdt 2 24MAR22

35°58′N-115°08′W

HENDERSON EXEC (HND)
RNAV (GPS)-B

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VOR-C

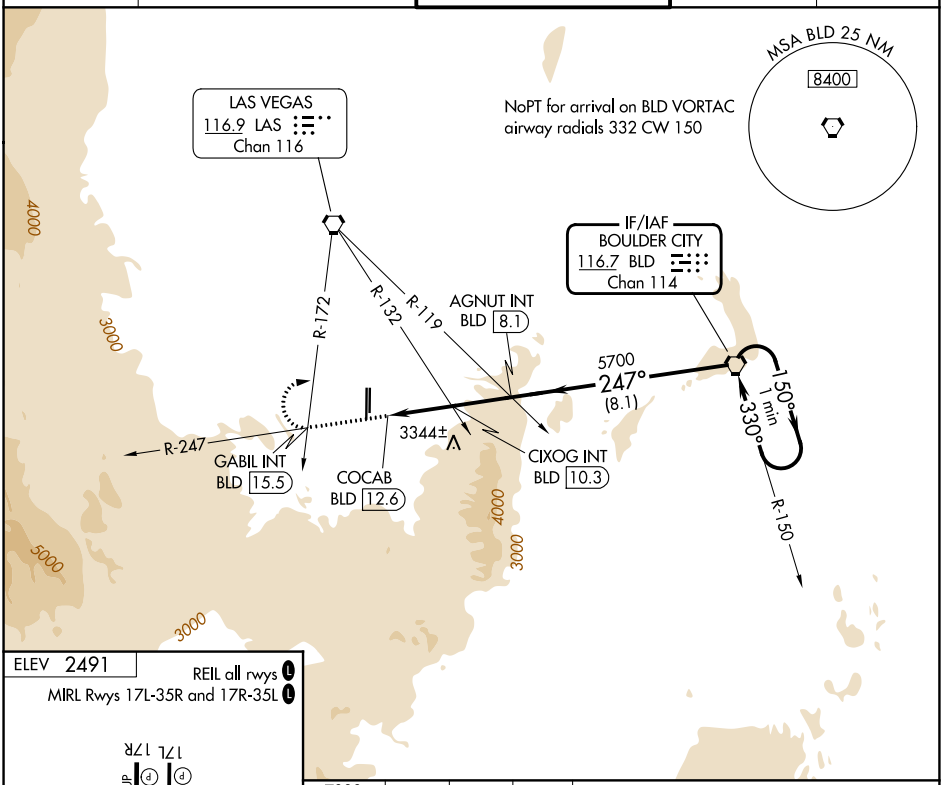
HENDERSON EXEC (HND)

VORTAC BLD	APP CRS	Rwy Ldg	N/A
116.7	247°	TDZE	N/A
Chan 114		Apt Elev	2491

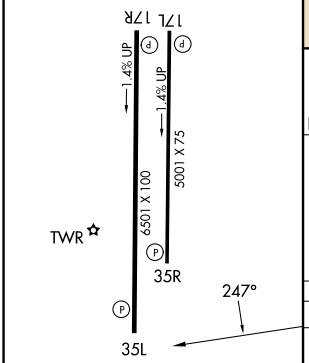
Circling to Rwy 35L NA at night.
When local altimeter setting not received, use Harry Reid Intl altimeter setting and increase all MDAs 60 feet.

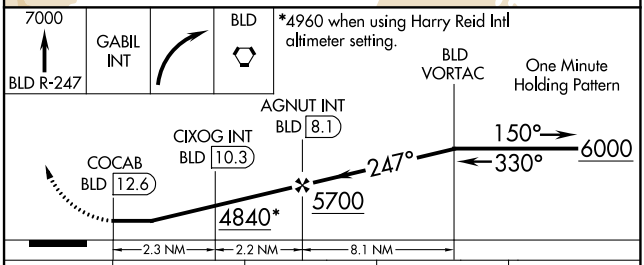
MISSED APPROACH: Climb to 7000 on BLD VORTAC R-247 to GABIL INT/BLD 15.5 DME and right turn direct BLD VORTAC and hold.

ATIS	LAS VEGAS APP CON	HENDERSON TOWER★	GND CON	UNICOM
120.775	125.475 307.25	125.1 (CTAF) L	127.8	122.95



ELEV 2491
REIL all rwys L
MIRL Rwys 17L-35R and 17R-35L L





CATEGORY	A	B	C	D
CIRCLING	4840-1¼ 2349 (2400-1¼)	4840-1½ 2349 (2400-1½)	4840-3 2349 (2400-3)	NA

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

CIXOG FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)

CIRCLING	3700-1¼ 1209 (1300-1¼)	3700-1½ 1209 (1300-1½)	3700-3 1209 (1300-3)	NA

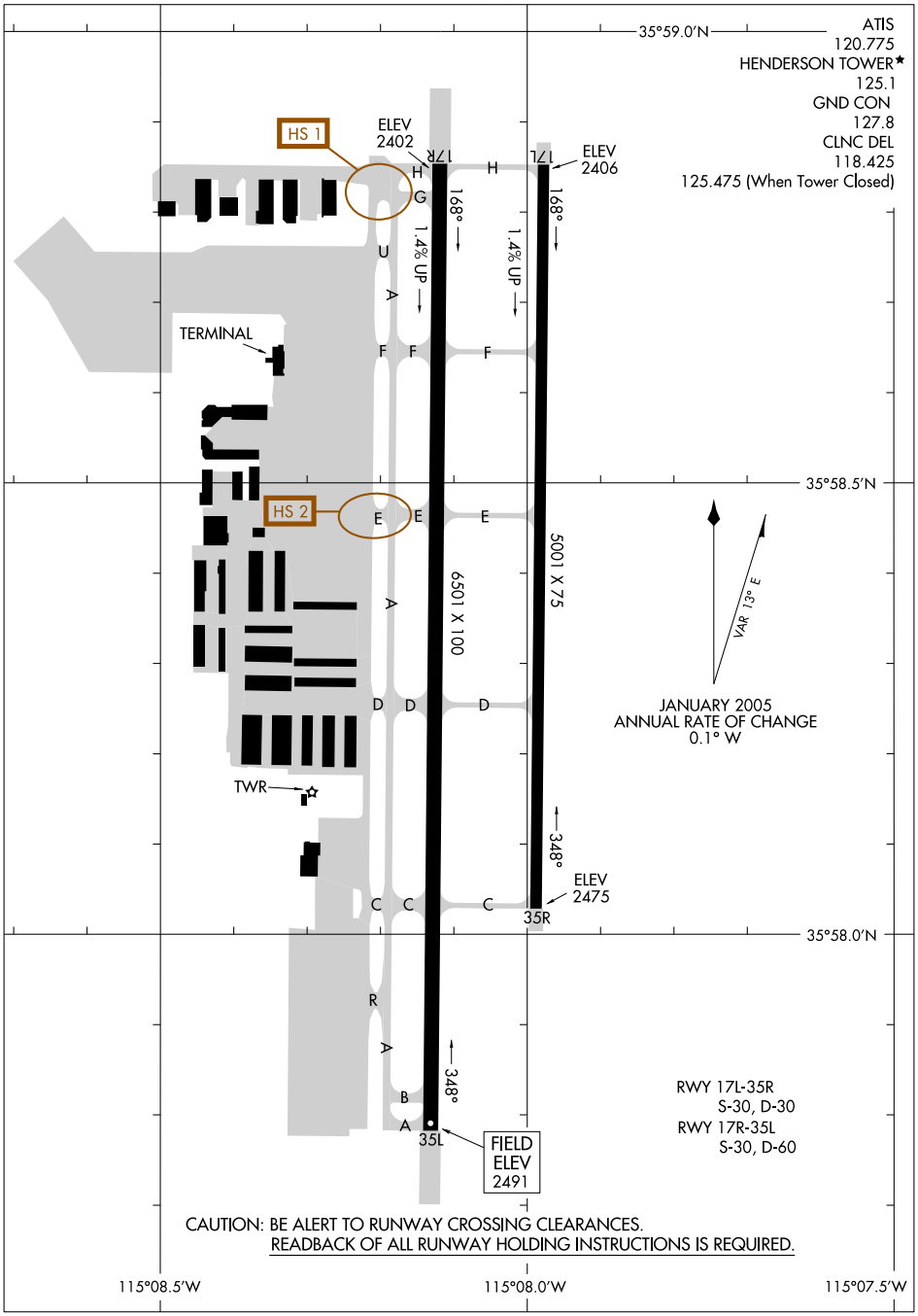
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134

AIRPORT DIAGRAM

AL-6514 (FAA)

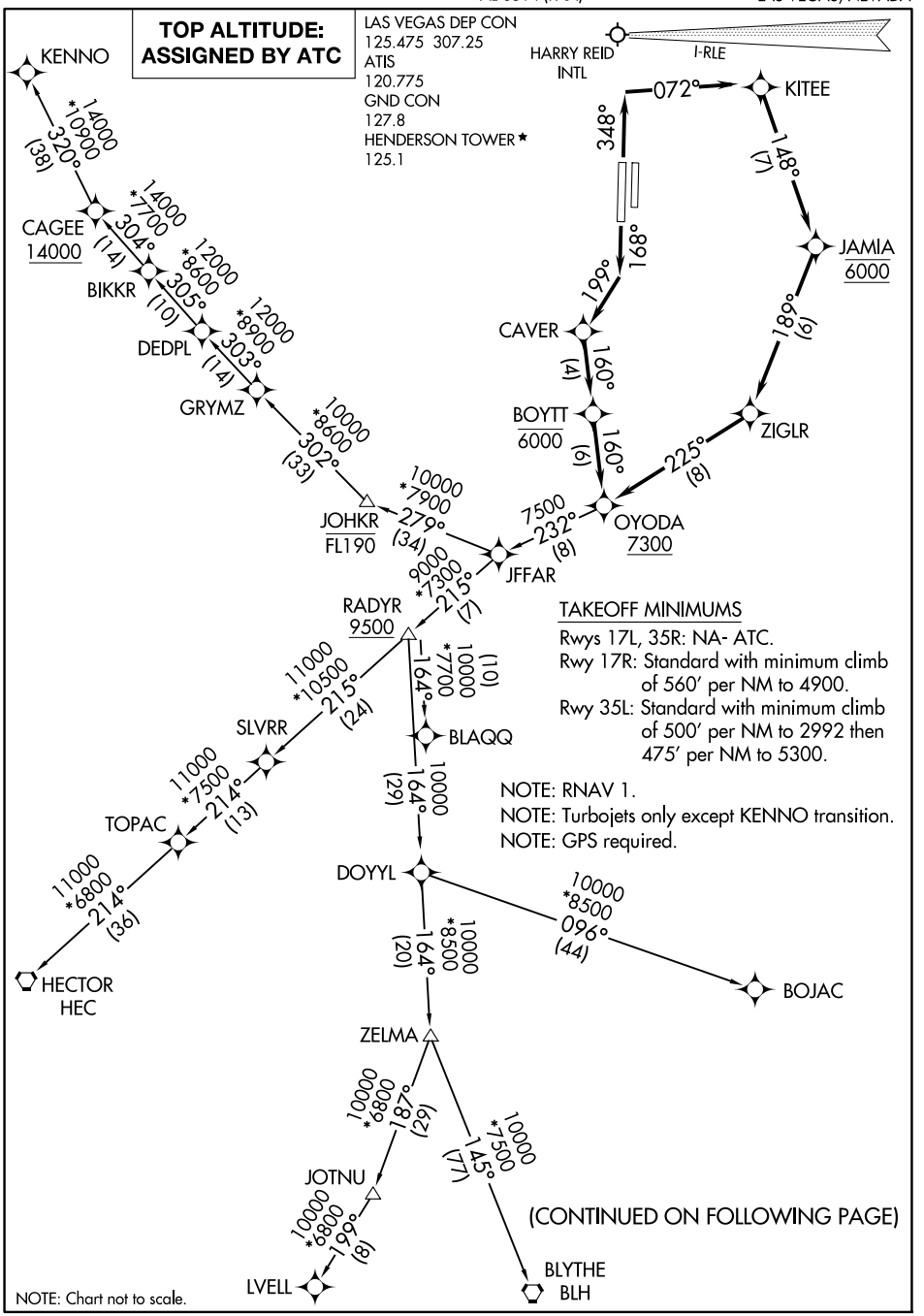
HENDERSON EXEC (HND)
LAS VEGAS, NEVADA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26134
LAS VEGAS, NEVADA
HENDERSON EXEC (HND)



SW-4, 03 SEP 2026 to 29 OCT 2026

(OYODA2.OYODA) 21112

OYODA TWO DEPARTURE (RNAV)

AL-6514 (FAA)

HENDERSON EXEC (HND)
LAS VEGAS, NEVADA

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to intercept course 199° to CAVER, then on track 160° to cross BOYTT at or below 6000, then on track 160° to cross OYODA at or above 7300, thence. . . .

TAKEOFF RUNWAY 35L: Climb on heading 348° to intercept course 072° to KITEE, then on track 148° to cross JAMIA at 6000, then on track 189° to ZIGLR, then on track 225° to cross OYODA at or above 7300, thence. . . .

. . . .(transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

BLAQQ TRANSITION (OYODA2.BLAQQ)

BLYTHE TRANSITION (OYODA2.BLH)

BOJAC TRANSITION (OYODA2.BOJAC)

HECTOR TRANSITION (OYODA2.HEC)

KENNO TRANSITION (OYODA2.KENNO)

LVELL TRANSITION (OYODA2.LVELL)

SLVRR TRANSITION (OYODA2.SLVRR)

SW-4, 03 SEP 2026 to 29 OCT 2026

SCAMR FOUR DEPARTURE (RNAV)

(SCAMR4.SCAMR) 25JAN24

LAS VEGAS, NEVADA

HENDERSON EXEC (HND)

(SCAMR4.SCAMR) 25275

SCAMR FOUR DEPARTURE (RNAV)

AL-6514 (FAA)

HENDERSON EXEC (HND)

LAS VEGAS, NEVADA

LAS VEGAS DEP CON
125.475 307.25
ATIS
120.775
GND CON
127.8
HENDERSON TOWER★
125.1

RNAV 1 - GPS.

TOP ALTITUDE: ASSIGNED BY ATC

MSA HND 25 NM
12300

N

HARRY REID INTL
I-RLE

FRNCK
15000 *9800 019° (81)

DARDN
10200 *6500 024° (13)

RATPK
7700 007° (30)

KITEE
072°
348°
148° (7)

JAMIA
6000
082° (6)

SCAMR
9000 *6500 077° (12)

168°
199°

CAVER
160° (4)
090° (8)

BOYTT
6000

ZIGLR
045° (10)

GIDGT
10000
10000 *7200 031° (25)

(34) 12000 *9000 051°
069° (50)
15000 *10000

GEEOO
15000 *8900 051° (63)

BETHL
15000 *9700 017° (35)

VERKN

NICLE
FL200 *11200 045° (119)

TUKRR
17000 *10900 053° (82)

PAGE
PGA

HOCEE
17000 *10600 066° (98)

URSLA
10000 *6500 132° (15)

12000 *8700 077° (51)

NIITZ
17000 *9600 087° (42)

IWANS
17000 *9400 087° (42)

SSKEE

RASLR
10000

16000 *9200 126° (31)

ROHCK
FL200 *8500 091° (18)

ZAYNE

NOTE: PAGE Transition: Do not file - to be assigned by ATC.
NOTE: IWANS Transition: Do not file - to be assigned by ATC.
NOTE: Turbojet aircraft only.

TAKEOFF MINIMUMS
Rwys 17L, 35R: NA-ATC.
Rwy 17R: Standard with minimum climb of 560′ per NM to 4900.
Rwy 35L: Standard with minimum climb of 500′ per NM to 2992 then 475′ per NM to 5300.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to intercept course 199° to CAVER, then on track 160° to cross BOYTT at or below 6000, then on track 090° to ZIGLR, then on track 045° to SCAMR, thence. . . .

TAKEOFF RUNWAY 35L: Climb on heading 348° to intercept course 072° to KITEE, then on track 148° to cross JAMIA at 6000, then on track 082° to SCAMR, thence. . . .

. . . . (transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

FRNCK TRANSITION (SCAMR4.FRNCK)
HOCEE TRANSITION (SCAMR4.HOCEE)
IWANS TRANSITION (SCAMR4.IWANS)
PAGE TRANSITION (SCAMR4.PGA)
SSKEE TRANSITION (SCAMR4.SSKEE)
TUKRR TRANSITION (SCAMR4.TUKRR)
VERKN TRANSITION (SCAMR4.VERKN)
ZAYNE TRANSITION (SCAMR4.ZAYNE)

SW-4, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-HWG	APP CRS		12L	12R
110.7	120°	Rwy Ldg	4199	5000
Chan 44		TDZE	2189	2205
		Apt Elev	2205	2205

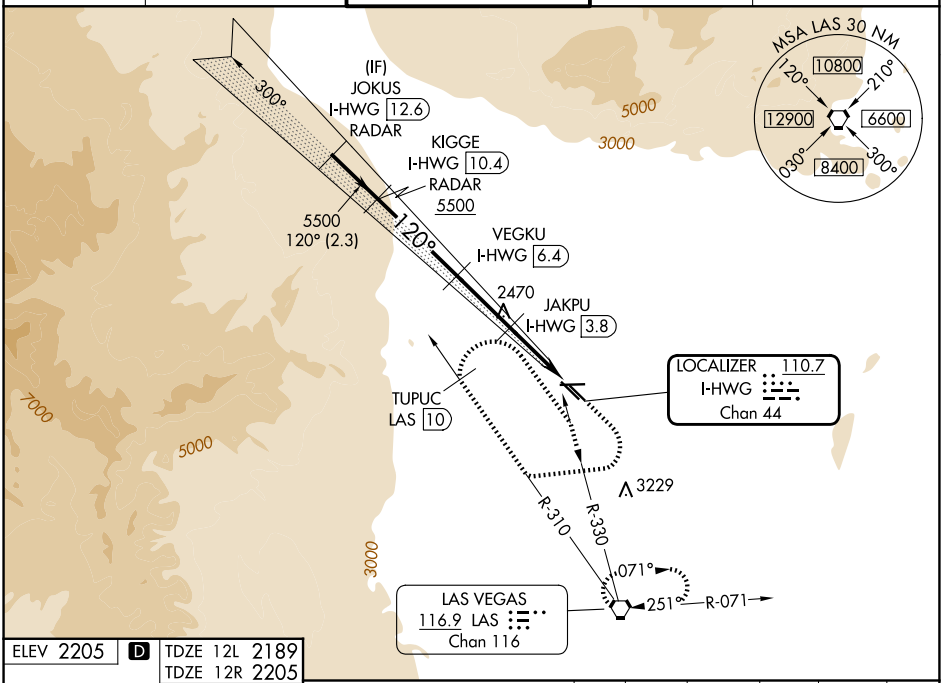
ILS or LOC RWY 12L
NORTH LAS VEGAS (VGT)

RADAR and DME required.

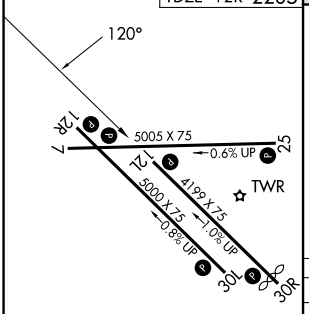
Rwy 12L helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2660 then climbing right turn heading 250° to 6000, intercept LAS VORTAC R-310 outbound to TUPUC/LAS 10 DME then right turn on LAS VORTAC R-330 inbound to LAS VORTAC and hold.

ATIS	LAS VEGAS APP CON	NORTH LAS VEGAS TOWER★	GND CON	UNICOM
118.05	119.4 360.85	125.7 (CTAF) L 360.75	121.7	122.95



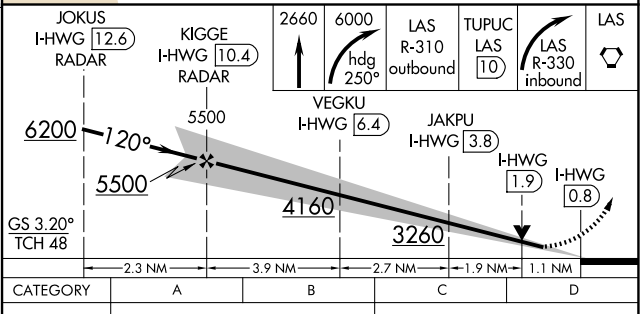
ELEV 2205 D	TDZE 12L 2189
	TDZE 12R 2205



REIL all rwys L

MIRL all rwys L

FAF to MAP 9.6 NM					
Knots	60	90	120	150	180
Min:Sec	9:36	6:24	4:48	3:50	3:12



CATEGORY	A	B	C	D
S-ILS 12L	2456-1	267 (300-1)		NA
S-LOC 12L	2620-1	431 (500-1)		NA
SIDESTEP 12R	2720-1⅜	515 (600-1⅜)		NA
CIRCLING	2720-1	515 (600-1)		NA

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NEVADA

AL-6970 (FAA)

26078

RNAV (GPS) RWY 12R

NORTH LAS VEGAS (VGT)

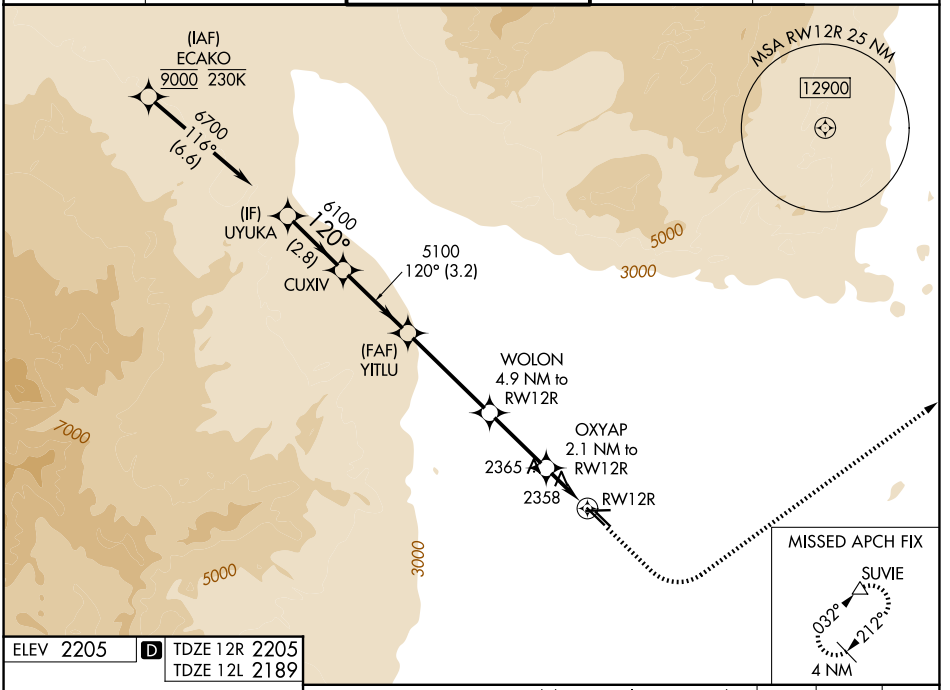
WAAS	APP CRS		12R	12L
CH 69443	120°	Rwy Ldg	5000	4199
W12A		TDZE	2205	2189
		Apt Elev	2205	2205

RNP APCH - GPS.

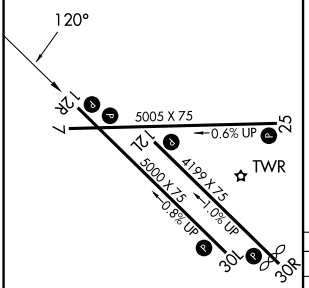
T A Rwy 12R helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2900 then climbing left turn to 7500 direct SUVIE and hold, continue climb-in-hold to 7500.

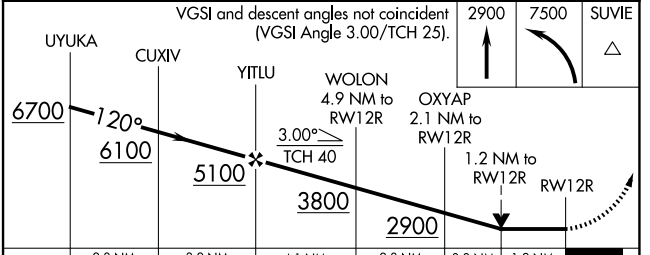
ATIS	LAS VEGAS APP CON	NORTH LAS VEGAS TOWER★	GND CON	UNICOM
118.05	119.4 360.85	125.7 (CTAF) L 360.75	121.7	122.95



ELEV 2205 D TDZE 12R 2205 TDZE 12L 2189



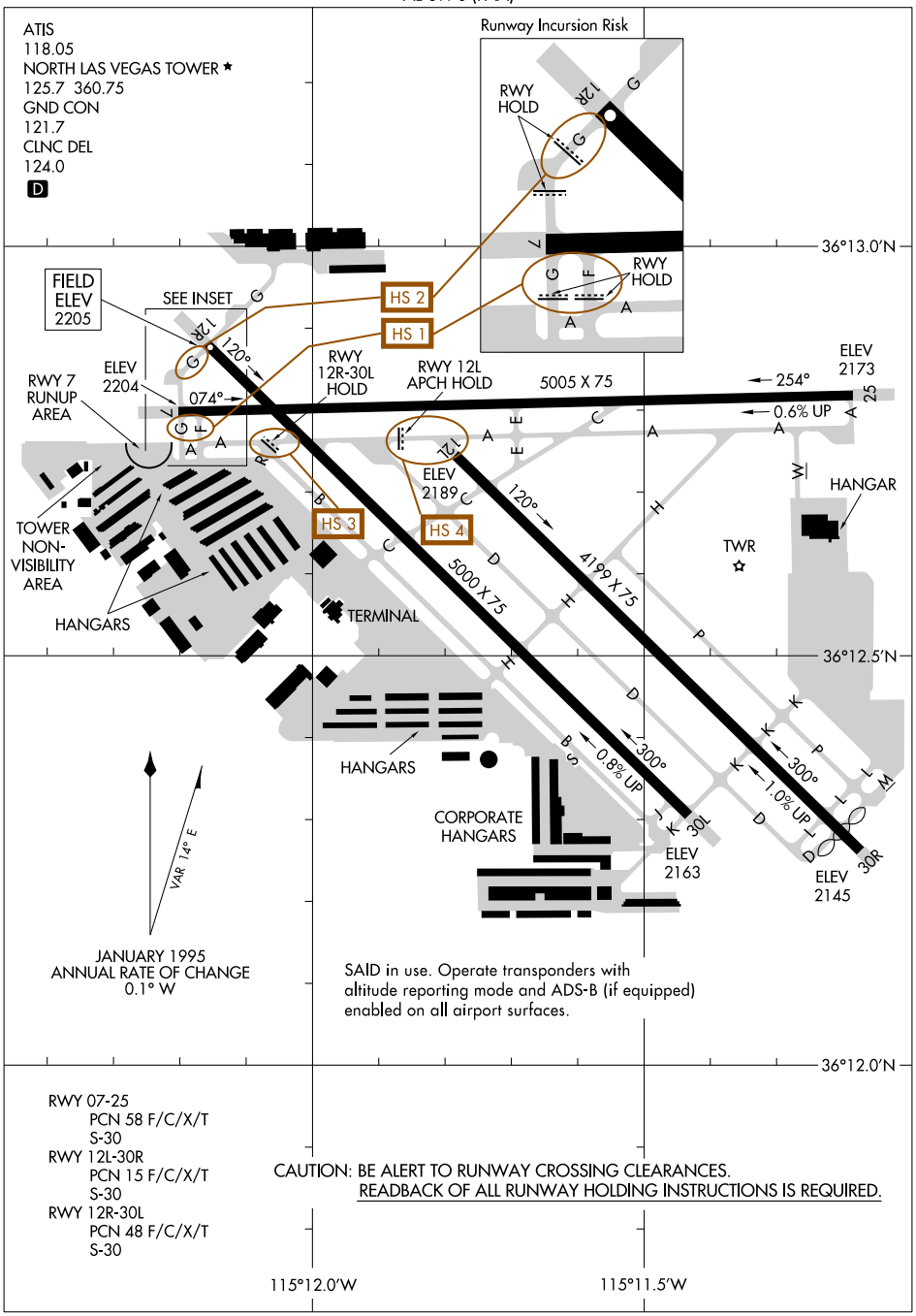
REIL all rwys L
MIRL all rwys L



CATEGORY	A	B	C	D
LP MDA	2620-1 415 (500-1)		2620-1⅛ 415 (500-1⅛)	
LNAV MDA	2820-1 615 (700-1)		2820-1¾ 615 (700-1¾)	
SIDESTEP 12L	2820-1 631 (700-1)		2820-1¾ 631 (700-1¾)	2820-2 631 (700-2)
CIRCLING	2820-1 615 (700-1)		2840-1¾ 635 (700-1¾)	3540-3 1335 (1400-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

AL-6970 (FAA)



RWY 07-25
PCN 58 F/C/X/T
S-30
RWY 12L-30R
PCN 15 F/C/X/T
S-30
RWY 12R-30L
PCN 48 F/C/X/T
S-30

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(BLD1.BLD) 23334

BOULDER CITY ONE DEPARTURE (OBSTACLE)

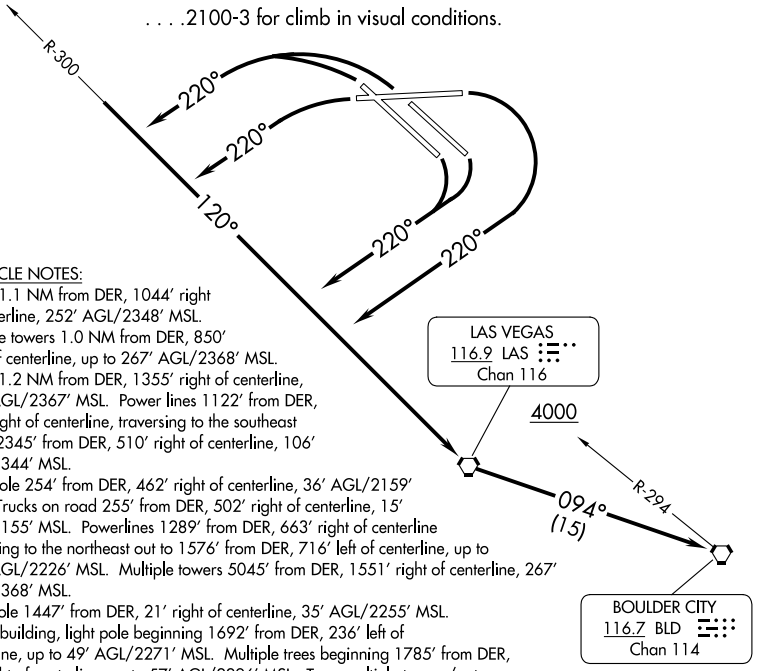
NORTH LAS VEGAS (VGT)
AL-6970 (FAA) LAS VEGAS, NEVADA

ATIS
118.05
GND CON
121.7
UNICOM
122.95
CTAF
125.7

TAKEOFF MINIMUMS:

Rwy 7: Standard with minimum climb of 339′ per NM to 3600 or. . . .
Rwy 12L: Standard with minimum climb of 393′ per NM to 3600 or. . . .
Rwy 12R: Standard with minimum climb of 373′ per NM to 3600 or. . . .
Rwy 25: Standard with minimum climb of 257′ per NM to 4500 or. . . .
Rwy 30R: Standard with minimum climb of 354′ per NM to 4700 or. . . .
Rwy 30L: Standard with minimum climb of 367′ per NM to 4700 or. . . .

. . . .2100-3 for climb in visual conditions.



TAKEOFF OBSTACLE NOTES:

Rwy 7: Tower 1.1 NM from DER, 1044′ right of centerline, 252′ AGL/2348′ MSL.

Rwy 12R: Multiple towers 1.0 NM from DER, 850′ right of centerline, up to 267′ AGL/2368′ MSL. Tower 1.2 NM from DER, 1355′ right of centerline, 270′ AGL/2367′ MSL. Power lines 1122′ from DER, 764′ right of centerline, traversing to the southeast out to 2345′ from DER, 510′ right of centerline, 106′ AGL/2344′ MSL.

Rwy 12L: Light pole 254′ from DER, 462′ right of centerline, 36′ AGL/2159′ MSL. Trucks on road 255′ from DER, 502′ right of centerline, 15′ AGL/2155′ MSL. Powerlines 1289′ from DER, 663′ right of centerline traversing to the northeast out to 1576′ from DER, 716′ left of centerline, up to 129′ AGL/2226′ MSL. Multiple towers 5045′ from DER, 1551′ right of centerline, 267′ AGL/2368′ MSL.

Rwy 25: Light pole 1447′ from DER, 21′ right of centerline, 35′ AGL/2255′ MSL.

Rwy 30L: Signs, building, light pole beginning 1692′ from DER, 236′ left of centerline, up to 49′ AGL/2271′ MSL. Multiple trees beginning 1785′ from DER, 78′ right of centerline, up to 57′ AGL/2296′ MSL. Tree, multiple towers/antennas beginning 2745′ from DER, 511′ left of centerline, up to 84′ AGL/2397′ MSL.

Rwy 30R: Antenna tower 4639′ from DER, 1736′ left of centerline, 84′ AGL/2327′ MSL. Anemometer 552′ from DER, 570′ left of centerline, 34′ AGL/2216′ MSL. Vent on building 1632′ from DER, 566′ right of centerline, 58′ AGL/2240′ MSL. Antenna on hangar 2012′ from DER, 195′ right of centerline, 61′ AGL/2247′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

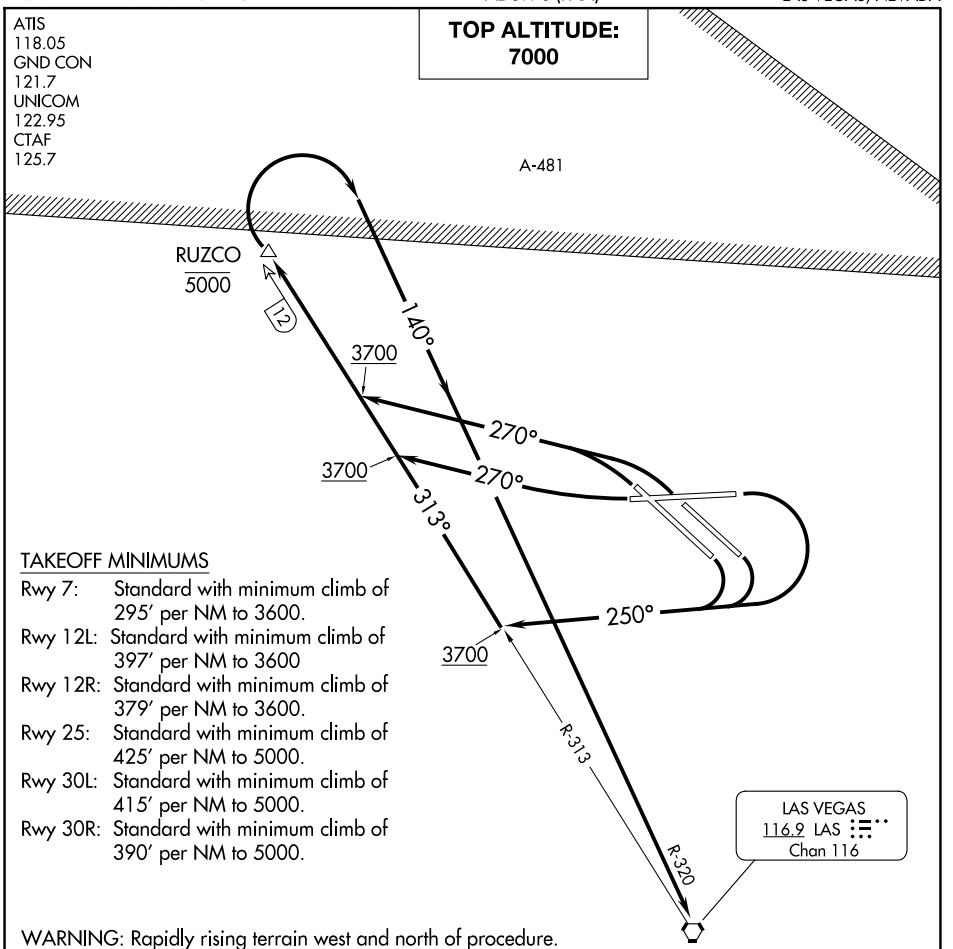
TAKEOFF RWYS 7, 12 L/R: Turn right.

TAKEOFF RWYS 25, 30L/R: Turn left.

All aircraft climb to 6000 via heading 220° and LAS-300 to LAS VORTAC, cross LAS VORTAC at or above 4000. Continue climb via LAS VORTAC R-094 to BLD VORTAC.

RWYS 7, 12L/R, 25, 30L/R: For climb in visual conditions: cross North Las Vegas Airport at or above 4200 then via BLD VORTAC R-294 to BLD VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



TAKEOFF MINIMUMS

Rwy 7: Standard with minimum climb of 295′ per NM to 3600.
Rwy 12L: Standard with minimum climb of 397′ per NM to 3600
Rwy 12R: Standard with minimum climb of 379′ per NM to 3600.
Rwy 25: Standard with minimum climb of 425′ per NM to 5000.
Rwy 30L: Standard with minimum climb of 415′ per NM to 5000.
Rwy 30R: Standard with minimum climb of 390′ per NM to 5000.

WARNING: Rapidly rising terrain west and north of procedure.

NOTE: DME required.

NOTE: Do not exceed 240K until established on LAS R-320 southeast bound.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7, 12L/R: Climbing right turn on heading 250° to intercept LAS R-313 outbound at or above 3700, thence. . .

TAKEOFF RUNWAY 25: Climbing right turn on heading 270° to intercept LAS R-313 outbound at or above 3700, thence. . .

TAKEOFF RUNWAYS 30L/R: Climbing left turn on heading 270° to intercept LAS R-313 outbound at or above 3700, thence. . .

. . .on LAS R-313 outbound to cross RUZCO/LAS 12 DME at or below 5000, then climbing right turn to intercept LAS R-320 to LAS VORTAC. Cross LAS VORTAC at or above 7000.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LOGAN, UTAH AL-663 (FAA) 25219

ILS or LOC/DME RWY 17
LOGAN-CACHE (LGU)

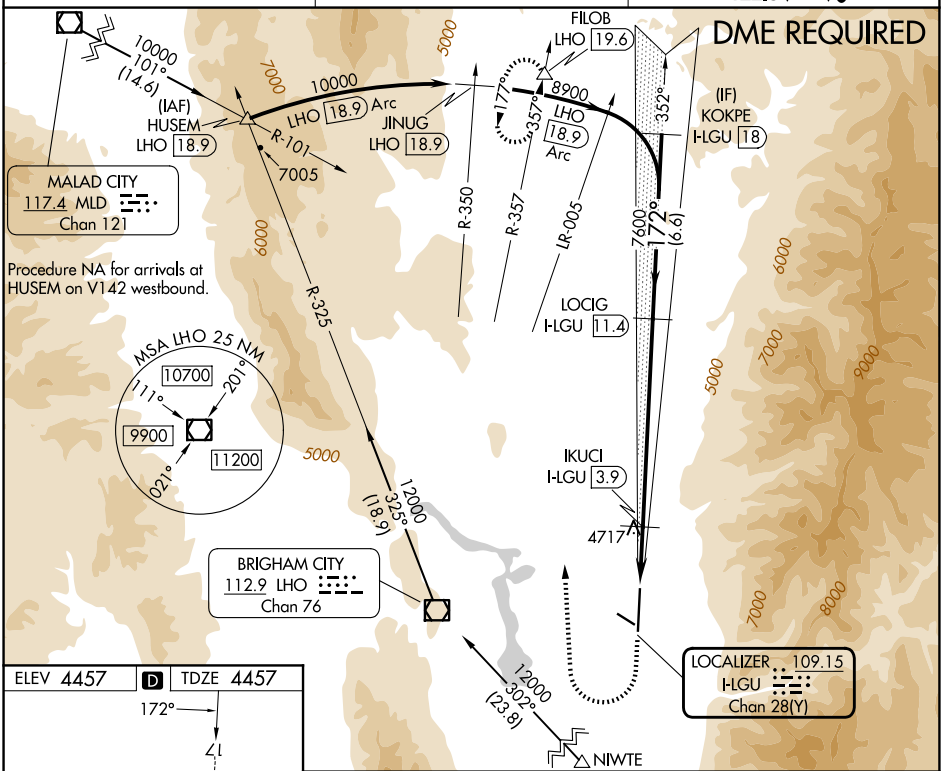
LOC/DME I-LGU	APP CRS	Rwy Ldg 9020
109.15	172°	TDZE 4457
Chan 28(Y)		Apt Elev 4457

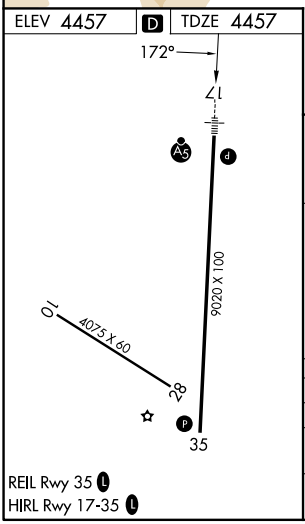
Circling NA east of Rwy 17-35.
Circling Rwy 10, 28 NA at night.
Rwy 17 helicopter visibility reduction below ¾ SM NA.
NA
-14°C

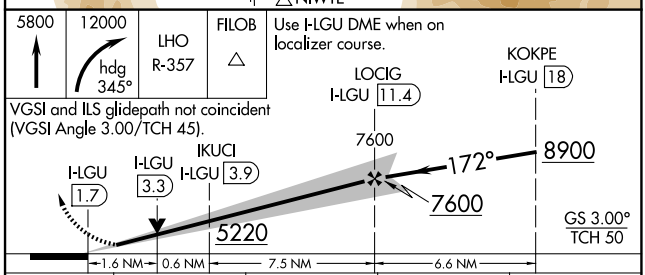
MALSR

MISSED APPROACH: Climb to 5800 then climbing right turn to 12000 on heading 345° and on LHO VOR/DME R-357 to FILOB INT/LHO 19.6 DME and hold, continue climb-in-hold to 12000.

ASOS	SALT LAKE CENTER	UNICOM
135.275	127.7 354.125	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 17	4771-¾ 314 (400-¾)			
S-LOC 17	5020-¾ 563 (600-¾)		5020-1¼ 563 (600-1¼)	
CIRCLING	5020-1 563 (600-1)		5080-1¾ 623 (700-1¾)	5080-2 623 (700-2)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

LOGAN, UTAH
Amdt 1A 22FEB24

41°48′N-111°51′W

LOGAN-CACHE (LGU)

ILS or LOC/DME RWY 17

RNAV (GPS) RWY 17

LOGAN-CACHE (LGU)

APP CRS	Rwy Ldg	9020
172°	TDZE	4457
	Apt Elev	4457

RNP APCH - GPS.

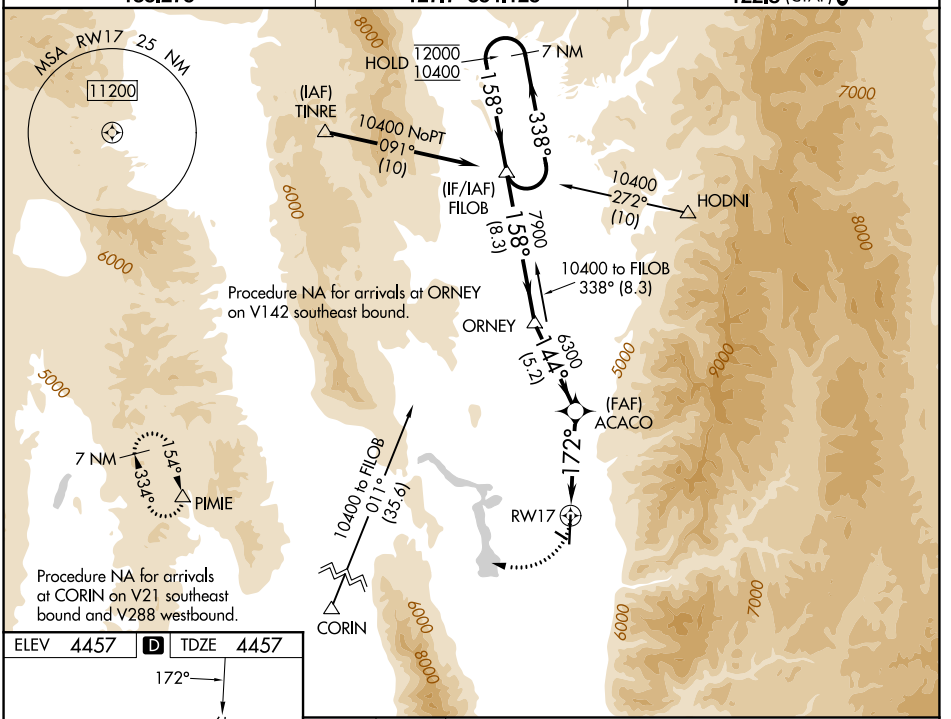
T A -14°C

Rwy 17 helicopter visibility reduction below ¾ SM NA. Use LGU altimeter setting; when not received, procedure NA. Circling Rwy 10, 28 NA at night. Inop table does not apply to LNAV Cats C and D. Circling NA east of Rwy 17-35. For inop ALS, increase LNAV* Cats A and B visibility to 1 SM.

MALSR

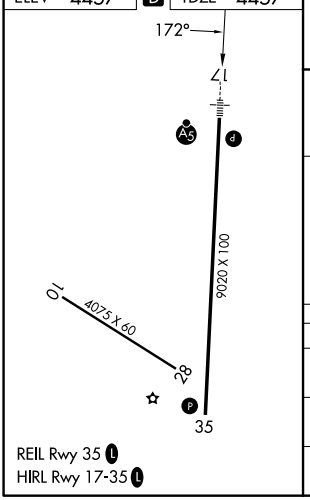
MISSED APPROACH: Climbing right turn to 10000 direct PIMIE and hold, continue climb-in-hold to 10000.
* Missed approach requires minimum climb of 310 feet per NM to 7700.

ASOS	SALT LAKE CENTER	UNICOM
135.275	127.7 354.125	122.8 (CTAF) L

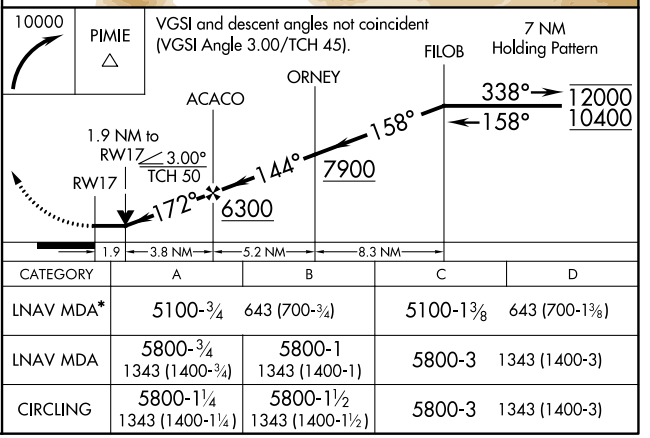


SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026



REIL Rwy 35 L
HIRL Rwy 17-35 L



CATEGORY	A	B	C	D
LNAV MDA*	5100-¾ 643 (700-¾)		5100-1⅜ 643 (700-1⅜)	
LNAV MDA	5800-¾ 1343 (1400-¾)	5800-1 1343 (1400-1)	5800-3 1343 (1400-3)	
CIRCLING	5800-1¼ 1343 (1400-1¼)	5800-1½ 1343 (1400-1½)	5800-3 1343 (1400-3)	

LOGAN, UTAH | AL-663 (FAA) | 25219

WAAS	APP CRS	Rwy Ldg	9020
CH 57900	352°	TDZE	4457
W35A		Apt Elev	4457

RNAV (GPS) RWY 35
LOGAN-CACHE (LGU)

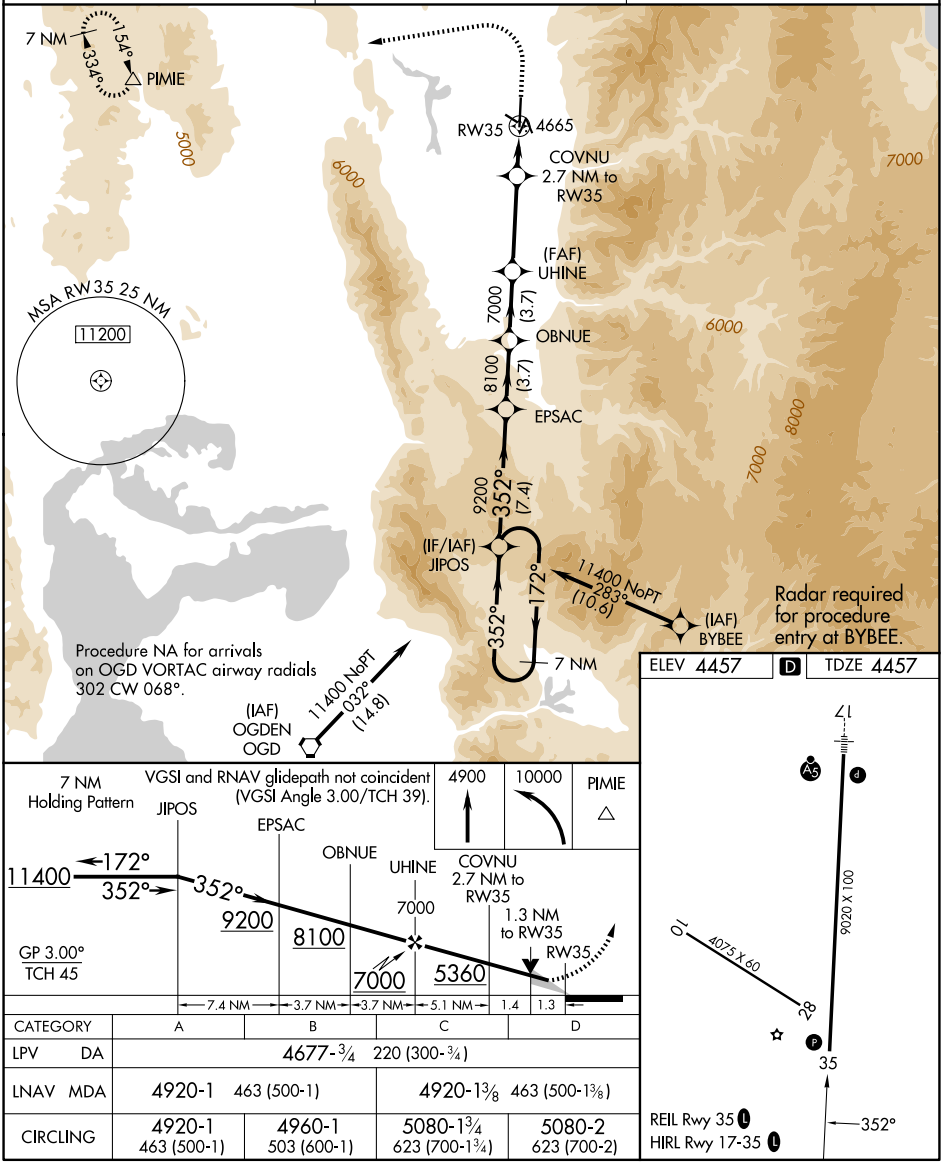
RNP APCH - GPS.

-14°C

Circling NA east of Rwy 17-35. Circling Rwy 10, 28 NA at night.

MISSED APPROACH: Climb to 4900 then climbing left turn to 10000 direct PIMIE and hold, continue climb-in-hold to 10000.

ASOS	SALT LAKE CENTER	UNICOM
135.275	127.7 354.125	122.8 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	4677-¾ 220 (300-¾)			
LNAV MDA	4920-1 463 (500-1)		4920-1⅜ 463 (500-1⅜)	
CIRCLING	4920-1 463 (500-1)	4960-1 503 (600-1)	5080-1¾ 623 (700-1¾)	5080-2 623 (700-2)

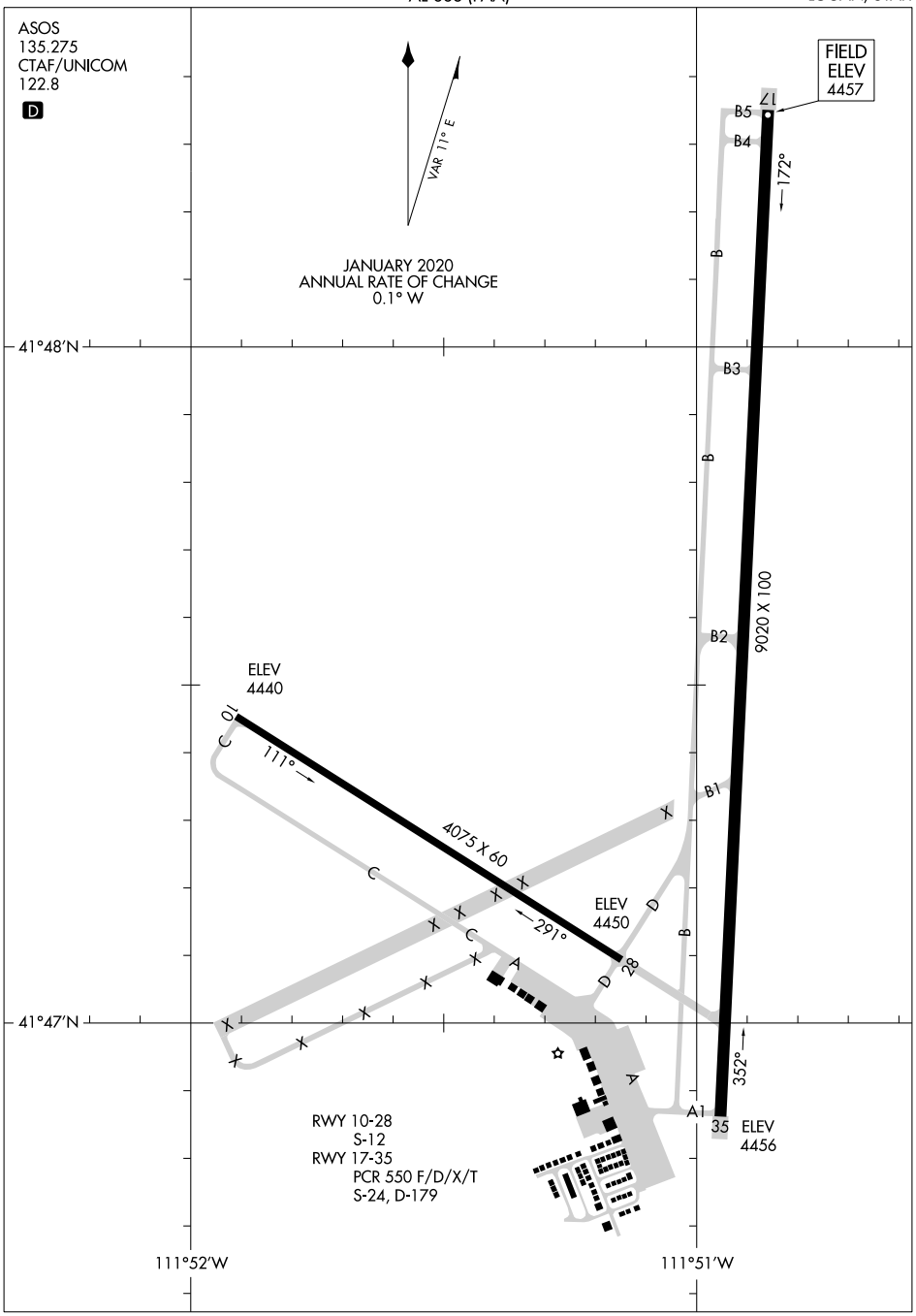
ELEV 4457 | D | TDZE 4457

LOGAN, UTAH
Amdt 3A 22FEB24

41°48'N-111°51'W

LOGAN-CACHE (LGU)
RNAV (GPS) RWY 35

SW-4, 03 SEP 2026 to 29 OCT 2026



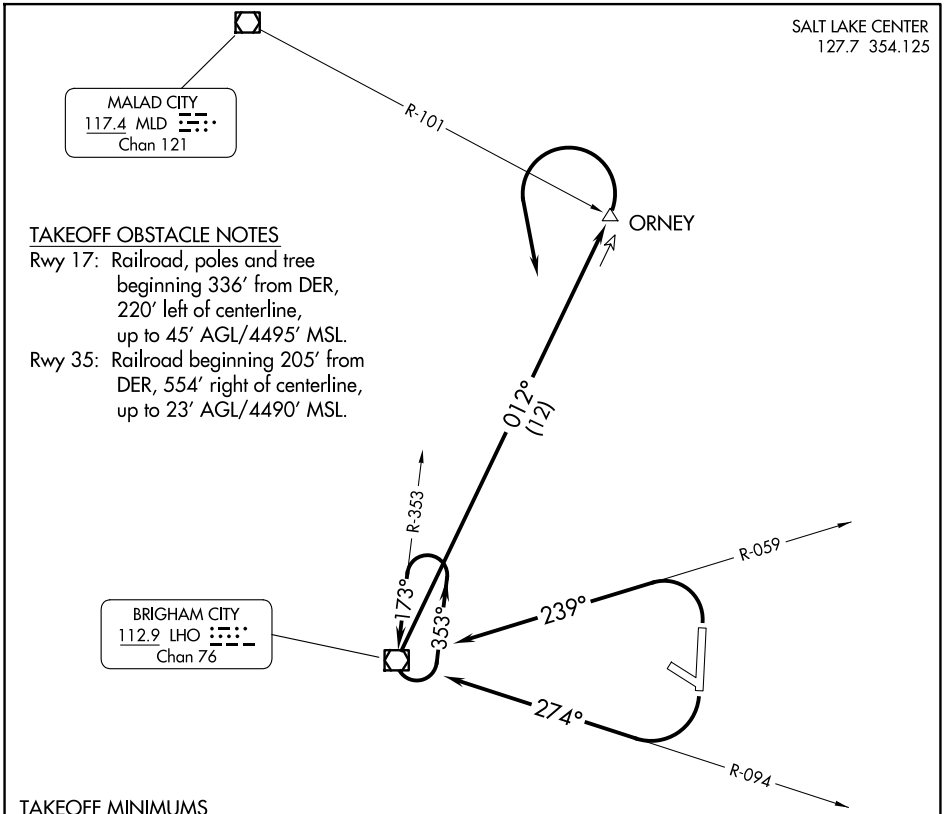
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(ORNEY1.LHO) 23334

ORNEY ONE DEPARTURE (OBSTACLE)

AL-663 (FAA)

LOGAN-CACHE (LGU)
LOGAN, UTAH



TAKEOFF OBSTACLE NOTES

Rwy 17: Railroad, poles and tree beginning 336′ from DER, 220′ left of centerline, up to 45′ AGL/4495′ MSL.

Rwy 35: Railroad beginning 205′ from DER, 554′ right of centerline, up to 23′ AGL/4490′ MSL.

TAKEOFF MINIMUMS

Rwys 10, 28: NA-obstacles.

Rwy 17: Standard with minimum climb of 276′ per NM to 7100′, or 4700-3 for climb in visual conditions.

Rwy 35: Standard with minimum climb of 274′ per NM to 9500′, or 4700-3 for climb in visual conditions.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climbing right turn to 12000 via LHO VOR/DME R-094 to LHO VOR/DME and right turn via LHO R-012 to ORNEY INT/LHO 12 DME and left turn via LHO R-012 to LHO VOR/DME, thence . . . or for climb in visual conditions, cross Logan-Cache Airport at or above 9000, climb to 12000 via LHO R-077 to LHO VOR/DME, thence . . .

TAKEOFF RUNWAY 35: Climbing left turn to 12000 via LHO VOR/DME R-059 to LHO VOR/DME and right turn via LHO R-012 to ORNEY INT/LHO 12 DME and left turn via LHO R-012 to LHO VOR/DME, thence . . . or for climb in visual conditions, cross Logan-Cache Airport at or above 9000, climb to 12000 via LHO R-077 to LHO VOR/DME, thence . . .

. . . continue climbing in LHO VOR/DME holding pattern to 12000 before proceeding on course.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

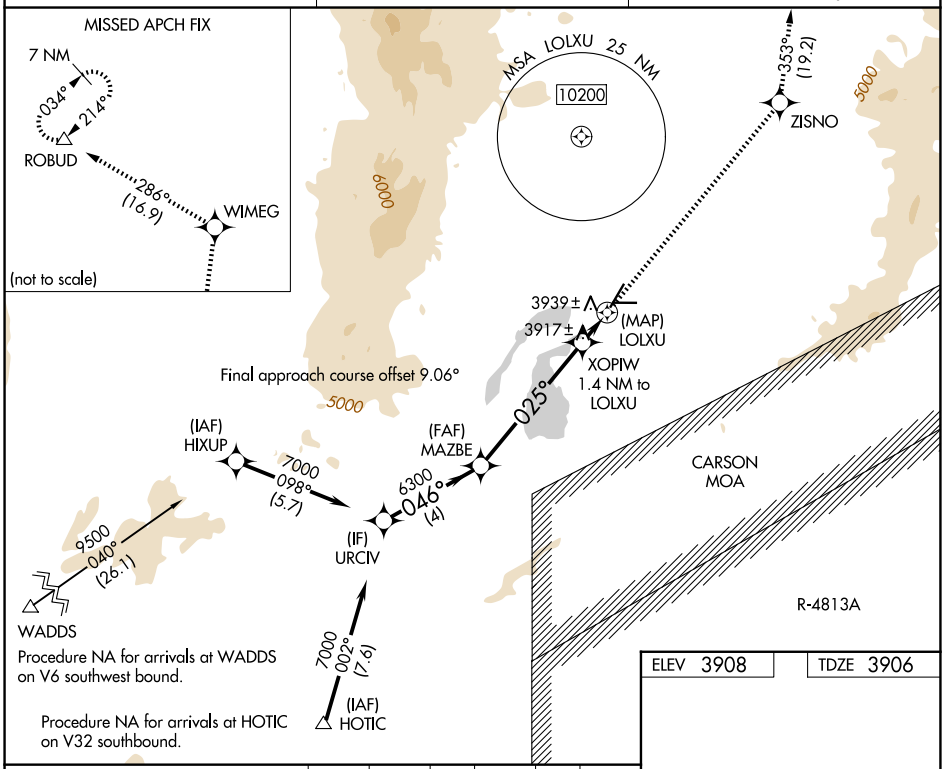
WAAS	APP CRS		
CH **72840**		Rwy Ldg	**5529**
W02A	**025°**	TDZE	**3906**
		Apt Elev	**3908**

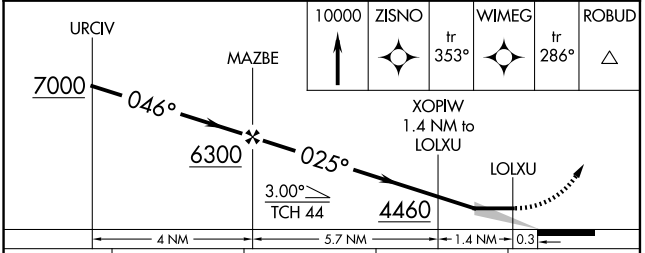
RNAV (GPS) RWY 2
DERBY FLD (LOL)

Circling NA northwest of Rwy 2-20.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 10000 direct ZISNO and on track 353° to WIMEG and on track 286° to ROBUD and hold, continue climb-in-hold to 10000.

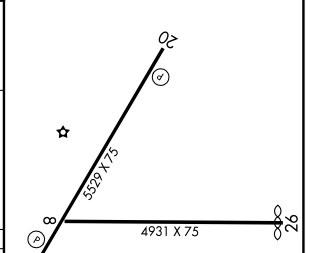
ASOS	OAKLAND CENTER	UNICOM
120.675	**128.8 285.5**	**122.8** (CTAF) L





10000	ZISNO	tr 353°	WIMEG	tr 286°	ROBUD
↑	✧		✧		△

CATEGORY	A	B	C	D
LP MDA		4160-1	254 (300-1)	
LNAV MDA		4200-1	294 (300-1)	
CIRCLING	4280-1 372 (400-1)	4360-1 452 (500-1)	4540-1¾ 632 (700-1¾)	4680-2½ 772 (800-2½)



REIL Rwys 2 and 20 L
MIRL Rwy 2-20 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LOVELOCK, NEVADA | AL-941 (FAA) | 25331

WAAS	APP CRS	Rwy Ldg 5529
CH 78240 W20A	196°	TDZE 3908
		Apt Elev 3908

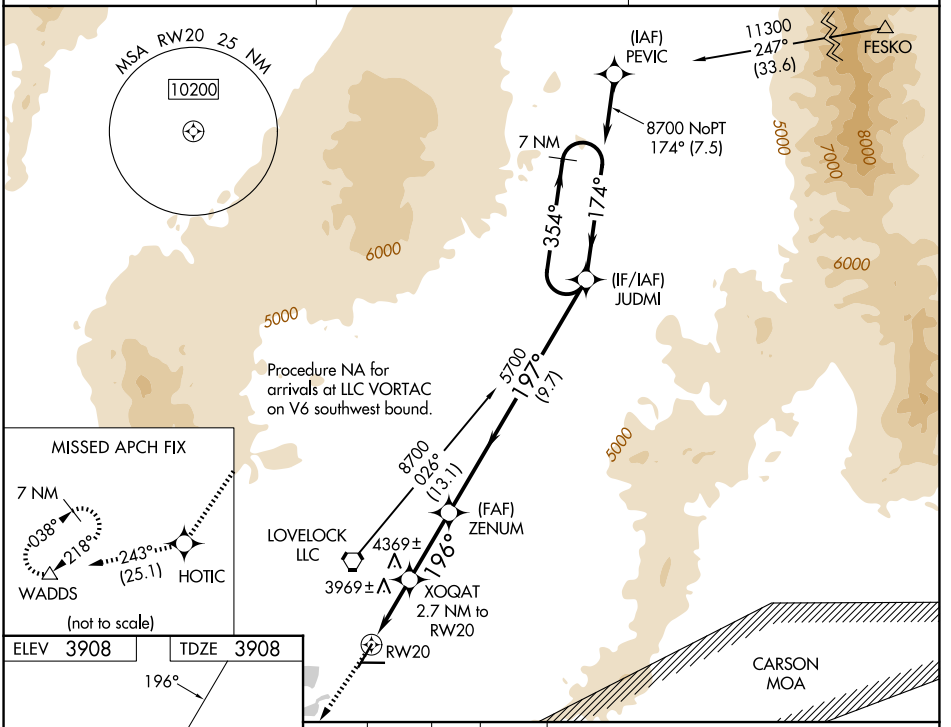
RNAV (GPS) RWY 20

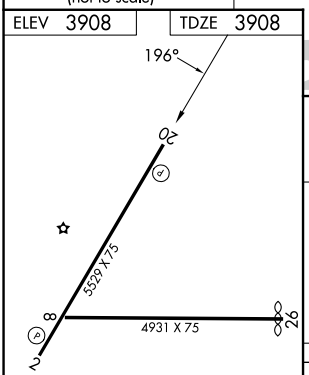
DERBY FLD (LOL)

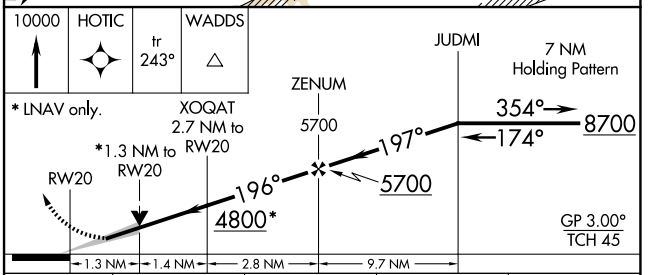
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 52°C (127°F). Circling NA northwest of Rwy 2-20. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 10000 direct HOTIC and on track 243° to WADDS and hold.

ASOS	OAKLAND CENTER	UNICOM
120.675	128.8 285.5	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	4158-1		250 (300-1)	
LNAV/VNAV DA	4249-1⅛		341 (400-1⅛)	
LNAV MDA	4360-1	452 (500-1)	4360-1⅜	452 (500-1⅜)
CIRCLING	4360-1	452 (500-1)	4540-1¾ 632 (700-1¾)	4680-2½ 772 (800-2½)

REIL Rwys 2 and 20 L
MIRL Rwy 2-20 L

LOVELOCK, NEVADA
Orig 14SEP17

40°04′N-118°34′W

DERBY FLD (LOL)

RNAV (GPS) RWY 20

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

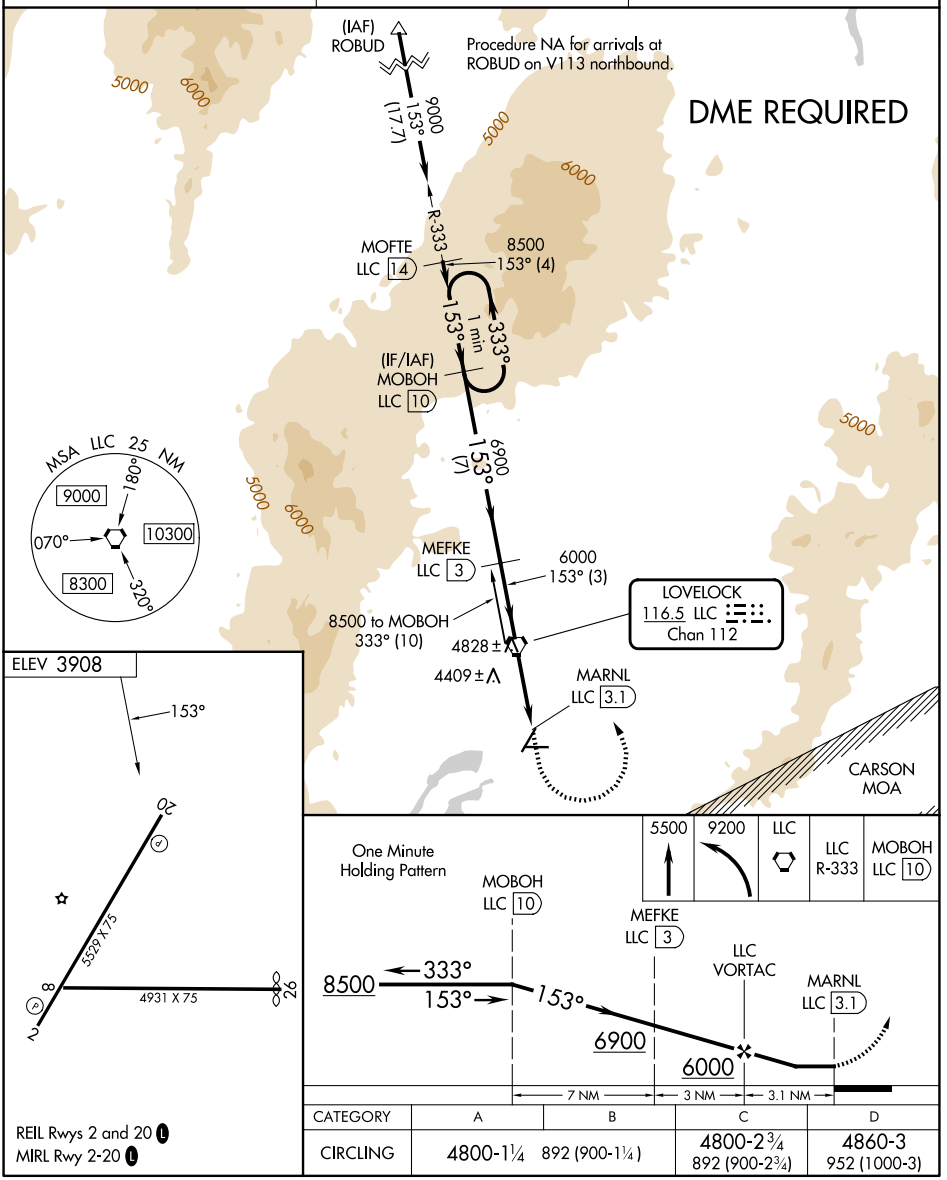
VORTAC LLC	APP CRS	Rwy Ldg N/A
116.5	153°	TDZE N/A
Chan 112		Apt Elev 3908

VOR-A
DERBY FLD (LOL)

Circling NA northwest of Rwy 2-20.
DME required.

MISSED APPROACH: Climb to 5500 then climbing left turn to 9200 direct LLC VORTAC and on LLC VORTAC R-333 to MOBOH/LLC 10 DME and hold, continue climb-in-hold to 9200.

ASOS	OAKLAND CENTER	UNICOM
120.675	128.8 285.5	122.8 (CTAF) L



REIL Rwys 2 and 20 L
MIRL Rwy 2-20 L

CATEGORY	A	B	C	D
CIRCLING	4800-1¼	892 (900-1¼)	4800-2¾ 892 (900-2¾)	4860-3 952 (1000-3)

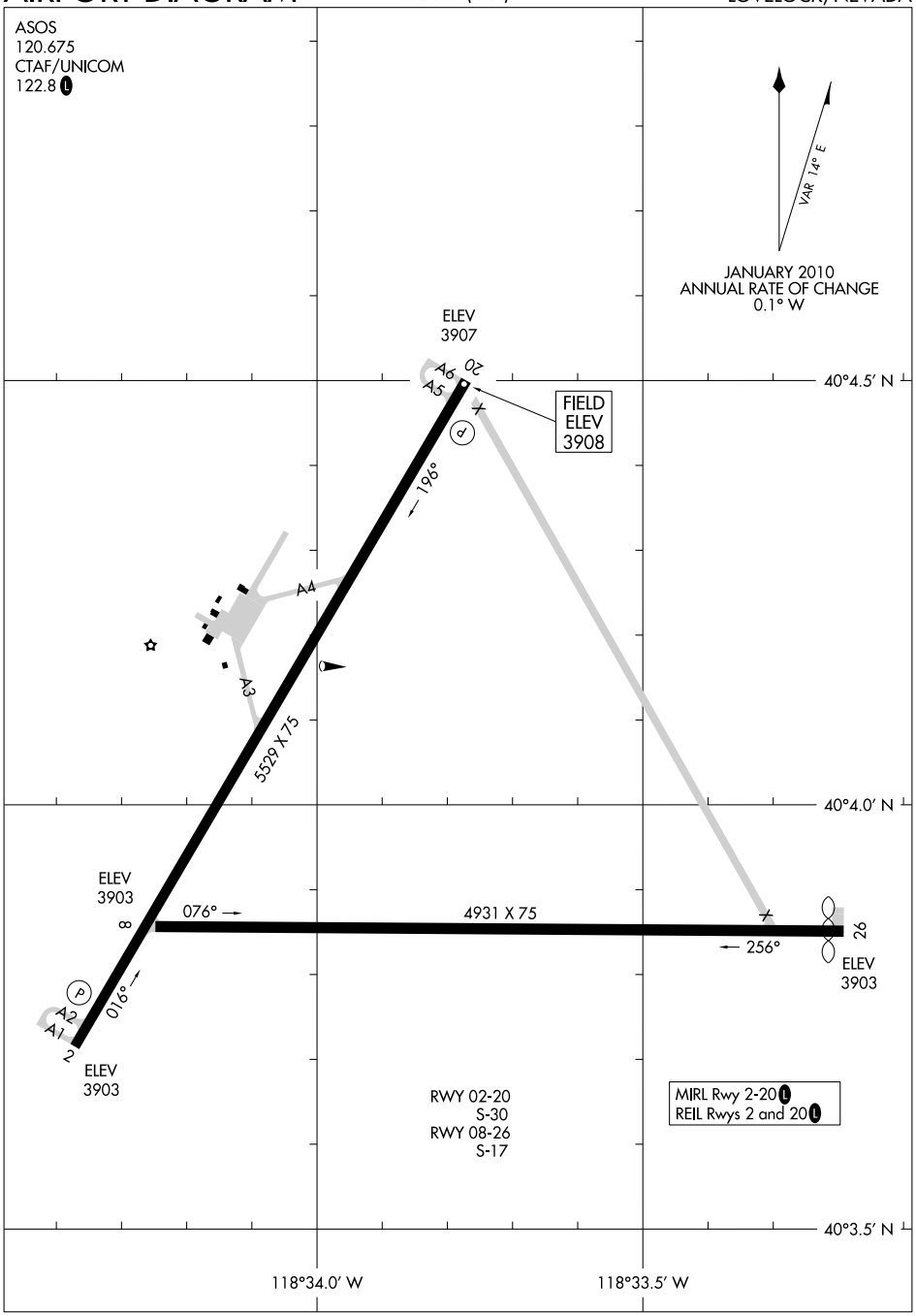
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134

AIRPORT DIAGRAM

AL-941 (FAA)

DERBY FLD (LOL)
LOVELOCK, NEVADA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26134
LOVELOCK, NEVADA
DERBY FLD (LOL)

RNAV (GPS) RWY 25

MANILA (4ØU)

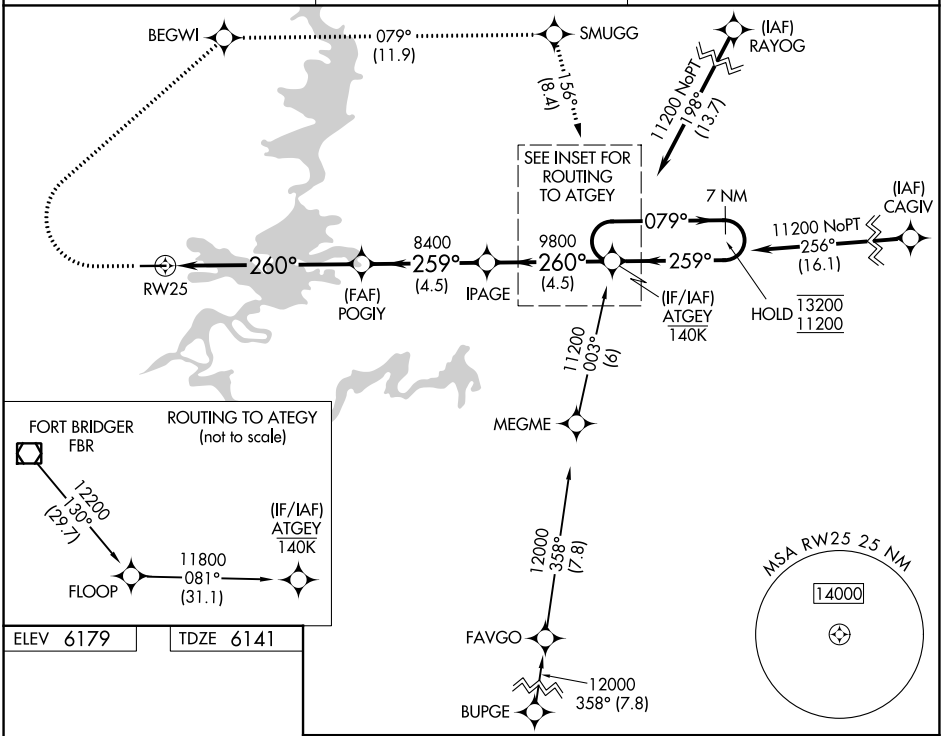
WAAS CH 90547 W25A	APP CRS 260°	Rwy Ldg 5305 TDZE 6141 Apt Elev 6179

RNP APCH - GPS.

Rwy 25 helicopter visibility reduction below 1 SM NA. Procedure NA at night. When local altimeter setting not received, procedure NA.

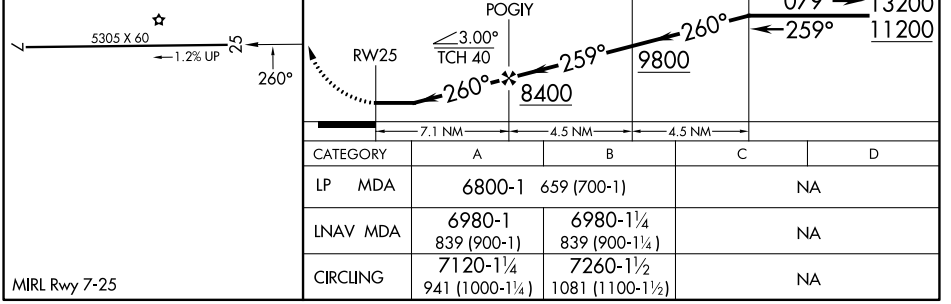
MISSED APPROACH: Climb to 6600 then climbing right turn to 11200 direct BEGWI and on track 079° to SMUGG and on track 156° to ATGEY and hold.

AWOS-3PT	SALT LAKE CENTER	UNICOM
119.25	119.95 377.15	122.8 (CTAF)



ELEV 6179	TDZE 6141

6600	11200	BEGWI	tr 079°	SMUGG	tr 156°	ATGEY



CATEGORY	A	B	C	D
LP MDA	6800-1 659 (700-1)		NA	
LNAV MDA	6980-1 839 (900-1)	6980-1¼ 839 (900-1¼)	NA	
CIRCLING	7120-1¼ 941 (1000-1¼)	7260-1½ 1081 (1100-1½)	NA	

MIRL Rwy 7-25

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

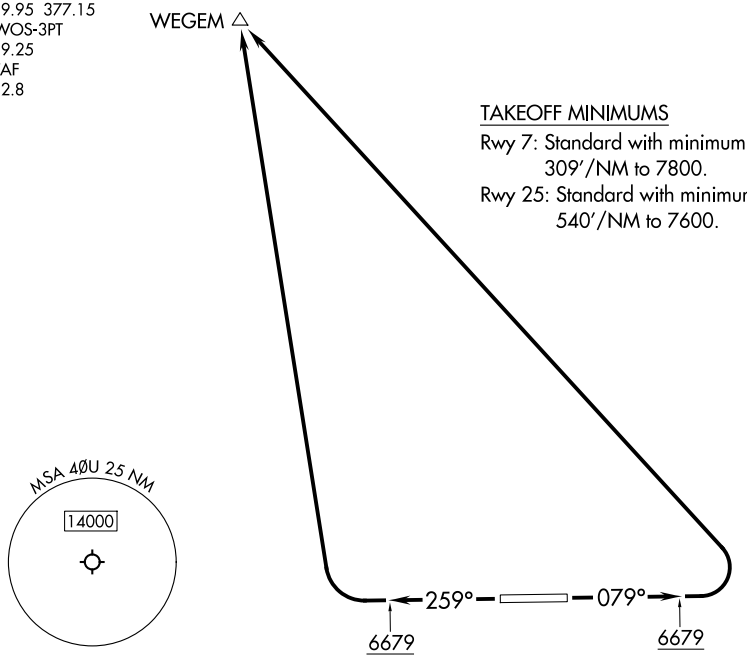
(WEGEM1.WEGEM) 26078 AL-10959 (FAA)

WEGEM ONE DEPARTURE (OBSTACLE) (RNAV)

MANILA (4ØU)
MANILA, UTAH

SALT LAKE CENTER
119.95 377.15
AWOS-3PT
119.25
CTAF
122.8

RNAV 1 - GPS.



TAKEOFF MINIMUMS

Rwy 7: Standard with minimum climb of 309′/NM to 7800.
Rwy 25: Standard with minimum climb of 540′/NM to 7600.

TAKEOFF OBSTACLE NOTES

Rwy 7: Fences, trees, terrain beginning 9′ from DER, 74′ left of centerline, up to 7′ AGL/6150′ MSL.
Pole 498′ from DER, 534′ left of centerline, 27′ AGL/6166′ MSL.
Pole 499′ from DER, 247′ right of centerline, 38′ AGL/6131′ MSL.
Pole, trees, terrain beginning 499′ from DER, 225′ left of centerline, up to 30′ AGL/6167′ MSL.
Pole 502′ from DER, 557′ right of centerline, 34′ AGL/6135′ MSL.
Electrical systems beginning 1305′ from DER, 559′ left of centerline, up to 55′ AGL/6171′ MSL.
Rwy 25: Terrain 3′ from DER, 216′ right of centerline, 6183′ MSL.
Tree, vegetation beginning 30′ from DER, 192′ left of centerline, up to 6184′ MSL.
Trees, building, terrain, pole beginning 55′ from DER, 91′ left of centerline, up to 6210′ MSL.
Vegetation 210′ from DER, 188′ right of centerline, 6186′ MSL.
Tree, terrain beginning 392′ from DER, 170′ left of centerline, up to 6211′ MSL.
Terrain 435′ from DER, 113′ right of centerline, 6193′ MSL.
Tree, building, terrain beginning 454′ from DER, 34′ left of centerline, up to 6214′ MSL.
Terrain 565′ from DER, 106′ right of centerline, 6198′ MSL.
Trees, buildings, terrain, poles beginning 606′ from DER, 84′ left of centerline, up to 6224′ MSL.
Terrain 751′ from DER, 32′ right of centerline, 6203′ MSL.
Trees, poles, terrain, building beginning 863′ from DER, 14′ left of centerline, up to 6232′ MSL.
Trees, poles, buildings beginning 1350′ from DER, 252′ left of centerline, up to 6251′ MSL.
Trees beginning 2336′ from DER, 742′ left of centerline, up to 6278′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb on heading 079° to 6679, then climbing left turn direct WEGEM, thence. . . .

TAKEOFF RUNWAY 25: Climb on heading 259° to 6679, then climbing right turn direct WEGEM, thence. . . .

. . . .cross WEGEM at or above MEA/MCA for route of flight.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	5021
CH 65839	034°	TDZE	5503
W03A		Apt Elev	5516

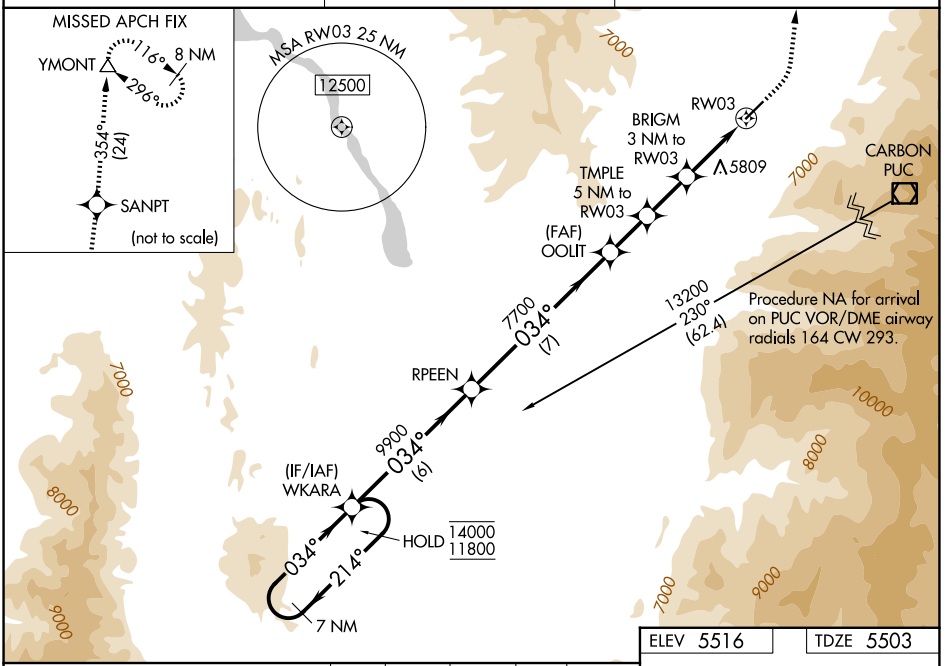
RNAV (GPS) RWY 3
SANPETE COUNTY RGNL (41U)

RNP APCH - GPS.

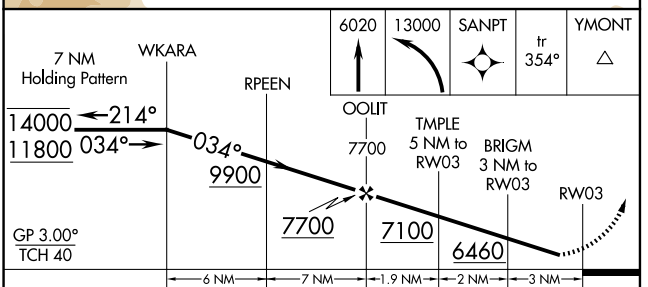
When local altimeter setting not received, procedure NA. Procedure NA at night. Rwy 3 helicopter visibility reduction below 1 SM NA. Circling NA southeast of Rwy 3-21. Baro-VNAV NA.

MISSED APPROACH: Climb to 6020 then climbing left turn to 13000 direct SANPT and on track 354° direct YMONT and hold.

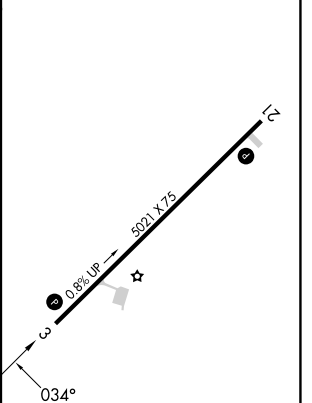
AWOS-3PT	SALT LAKE CENTER	UNICOM
120.025	133.6 296.25	122.8 (CTAF) L



ELEV 5516 TDZE 5503



CATEGORY	A	B	C	D
LPV DA	5781-1 278 (300-1)			
LNAV/VNAV DA	5823-1 320 (400-1)			NA
LNAV MDA	6000-1 497 (500-1)		6180-1⅞ 677 (700-1⅞)	
CIRCLING	6000-1 484 (500-1)		6280-2¼ 764 (800-2¼)	7620-3 2104 (2200-3)



MIRL Rwy 3-21 L
REIL Rwys 3 and 21 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

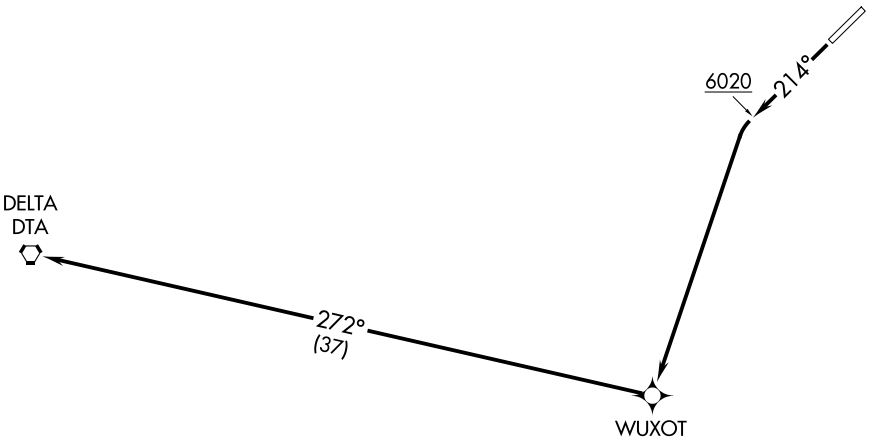
(WUXOT1.DTA) 26022 AL-10960 (FAA)

WUXOT ONE DEPARTURE (OBSTACLE) (RNAV)

SANPETE COUNTY RGNL (41U)
MANTI, UTAH

AWOS-3PT
120.025
SALT LAKE CENTER
133.6 269.25
CTAF
122.8

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RNAV-1.

NOTE: GPS required.

TAKEOFF MINIMUMS

Rwy 21: Standard with minimum climb of 300′ per NM to 7300.

TAKEOFFF OBSTACLE NOTES

Rwy 21: Vehicles on road 67′ from DER, 518′ right of centerline, up to 5480′ MSL.
Vehicles on road beginning 108′ from DER, left and right of centerline, up to 5493′ MSL.
Tree 996′ from DER, 437′ right of centerline, 62′ AGL/5519′ MSL.
Tree 1122′ from DER, 550′ right of centerline, 82′ AGL/5536′ MSL.
Tree 1313′ from DER, 748′ left of centerline, 65′ AGL/5531′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

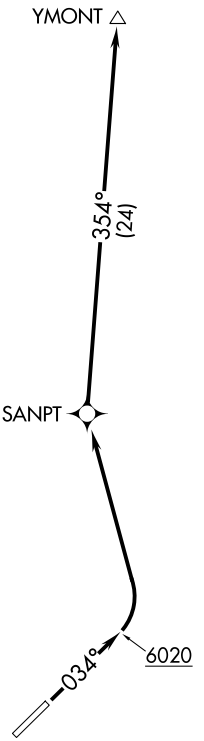
TAKEOFF RUNWAY 21: Climb heading 214° to 6020 then climbing left turn to 10300 direct WUXOT and on track 272° to DTA VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

YMONT ONE DEPARTURE (OBSTACLE) (RNAV)

AWOS-3PT
120.025
SALT LAKE CENTER
133.6 296.25
CTAF
122.8

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RNAV-1.
NOTE: GPS required.

TAKEOFF MINIMUMS
Rwy 3: Standard with minimum climb of 340′ per NM to 7000.

TAKEOFF OBSTACLE NOTES
Rwy 3: Rising terrain 7′ from DER, left and right of centerline, up to 5517′ MSL.
Rising terrain 48′ from DER, 324′ right of centerline, 5522′ MSL.
Vehicles on road beginning 115′ from DER, 522′ left of centerline, up to 5526′ MSL.
Vehicles on road and rising terrain beginning 122′ from DER, 212′ right of centerline, up to 5539′ MSL.
Vehicles on road beginning 169′ from DER, 24′ left of centerline, up to 5537′ MSL.
Vehicles on road and rising terrain beginning 225′ from DER, 273′ right of centerline, up to 5543′ MSL.
Trees, bushes, poles and vehicles on road beginning 552′ from DER, 40′ right of centerline, up to 39′ AGL/5568′ MSL.
Pole 1710′ from DER, 630′ right of centerline, 5573′ MSL.
Communication tower 1.9 NM from DER, 3176′ right of centerline, 124′ AGL/5851′ MSL.
Pole 2 NM from DER, 3612′ right of centerline, 5854′ MSL.
Pole 2.1 NM from DER, 3970′ right of centerline, 30′ AGL/5900′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 034° to 6020 then climbing left turn to 13000 direct SANPT then on track 354° to YMONT.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

MARANA, ARIZONA | AL-10213 (FAA) | 25275

APP CRS	Rwy Ldg	3398
033°	TDZE	2026
	Apt Elev	2032

RNAV (GPS) RWY 3

MARANA RGNL (AVQ)

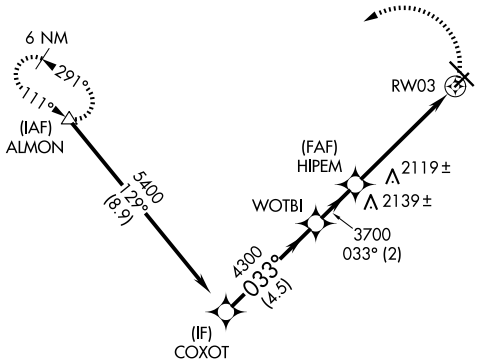
RNP APCH.

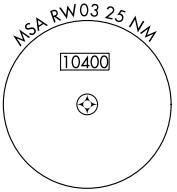
▼ VDP NA when using Ryan Fld altimeter setting. Rwy 3 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Ryan Field altimeter setting and increase all MDAs 100 feet and LNAV Cat C visibility ¼ SM.

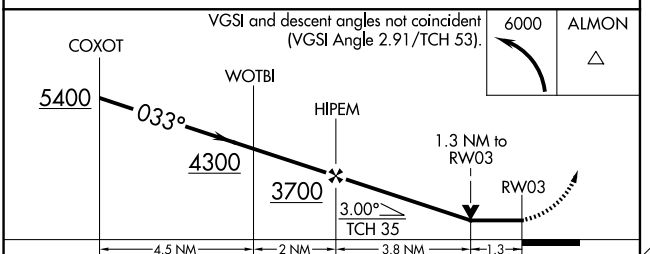
MISSED APPROACH: Climbing left turn to 6000 direct ALMON and hold, continue climb-in-hold to 6000.

AWOS-3	TUCSON APP CON	UNICOM
118.375	119.4 318.1	123.0 (CTAF) L

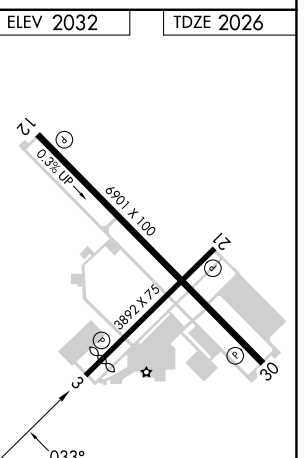
Procedure NA for arrivals at ALMON on V66-105 westbound.







CATEGORY	A	B	C	D
LNAV MDA	2480-1 454 (500-1)		2480-1⅜ 454 (500-1⅜)	NA



REIL Rwys 3 and 21
REIL Rwys 12 and 30 L
MIRL Rwys 3-21 and 12-30 L

MARANA, ARIZONA
Orig-C 15AUG19

32°25'N-111°13'W

MARANA RGNL (AVQ)

RNAV (GPS) RWY 3

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	6901
CH 58324	138°	TDZE	2022
W12A		Apt Elev	2032

RNAV (GPS) RWY 12

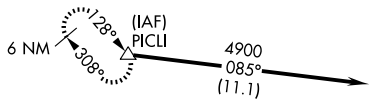
MARANA RGNL (AVQ)

RNP APCH - GPS.

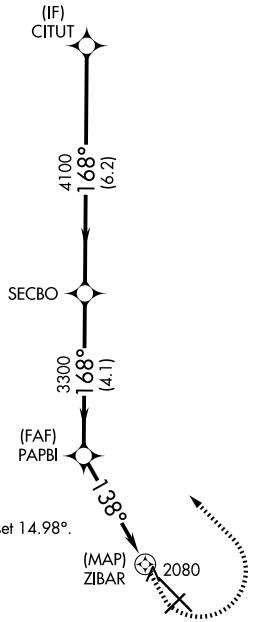
T ANA Helicopter visibility reduction below ¾ SM NA.

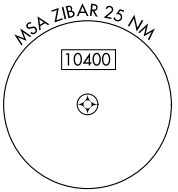
MISSED APPROACH: Climb to 2600 then climbing left turn to 6500 direct PICLI and hold, continue climb-in-hold to 6500.

AWOS-3	TUCSON APP CON	UNICOM
118.375	119.4 318.1	123.0 (CTAF) L



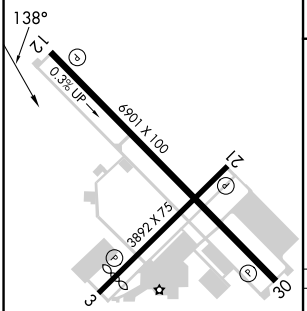
Procedure NA for arrivals at PICLI on V16 northwest bound.



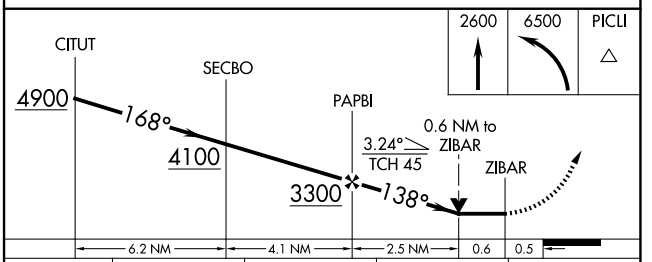


Final approach course offset 14.98°.

ELEV 2032 TDZE 2022



REIL Rwys 3 and 21
REIL Rwys 12 and 30 L
MIRL Rwys 3-21 and 12-30 L



CATEGORY	A	B	C	D
LP MDA	2420-1 398 (400-1)		2420-1⅛ 398 (400-1⅛)	NA
LNAV MDA	2440-1 418 (500-1)		2640-1¾ 618 (700-1¾)	NA
CIRCLING	2440-1 408 (500-1)	2540-1 508 (600-1)	2680-1¾ 648 (700-1¾)	NA

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

MARANA, ARIZONA | AL-10213 (FAA) | 25275

RNAV (GPS) RWY 21

MARANA RGNL (AVQ)

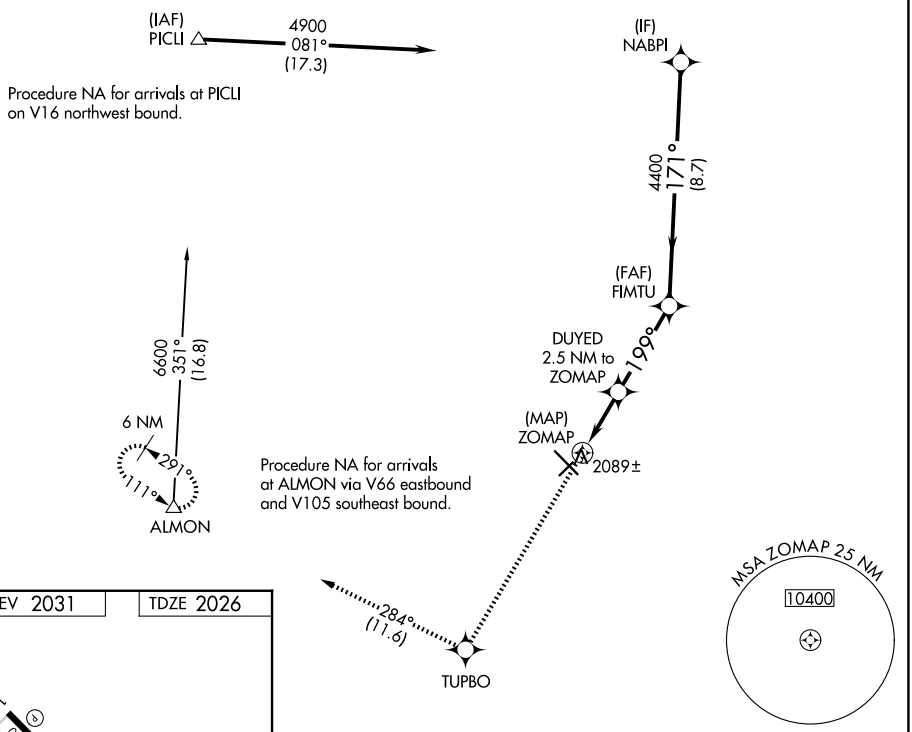
WAAS	APP CRS	Rwy Ldg	3892
CH 56325	199°	TDZE	2026
W21A		Apt Elev	2031

RNP APCH.

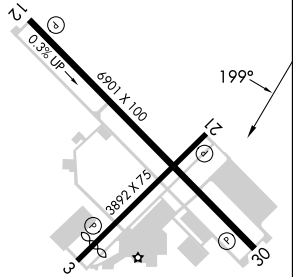
T A NA — Rwy 21 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Ryan Fld altimeter setting and increase all MDAs 100 feet, increase LP Cat C visibility ⅛ SM and increase LNAV Cat C visibility ¼ SM.

MISSED APPROACH: Climb to 6700 direct TUPBO and on track 284° to ALMON and hold, continue climb-in-hold 6700.

AWOS-3	TUCSON APP CON	UNICOM
118.375	119.4 318.1	123.0 (CTAF) L



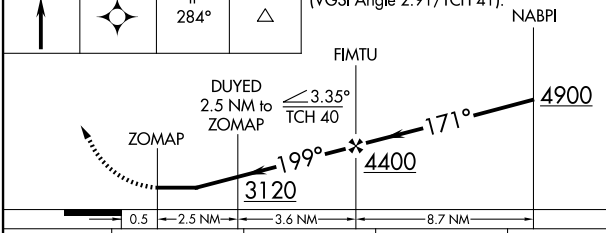
ELEV 2031 | TDZE 2026



REIL Rwys 3 and 21
REIL Rwys 12 and 30 L
MIRL Rwys 3-21 and 12-30 L

6700	TUPBO	tr 284°	ALMON

VGSI and descent angles not coincident (VGSI Angle 2.91/TCH 41).



CATEGORY	A	B	C	D
LP MDA	2340-1 314 (400-1)			NA
LNAV MDA	2640-1 614 (700-1)		2640-1¾ 614 (700-1¾)	NA

MARANA, ARIZONA
Amdt 1C 15AUG19

32°25'N-111°13'W

MARANA RGNL (AVQ)

RNAV (GPS) RWY 21

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS)-E

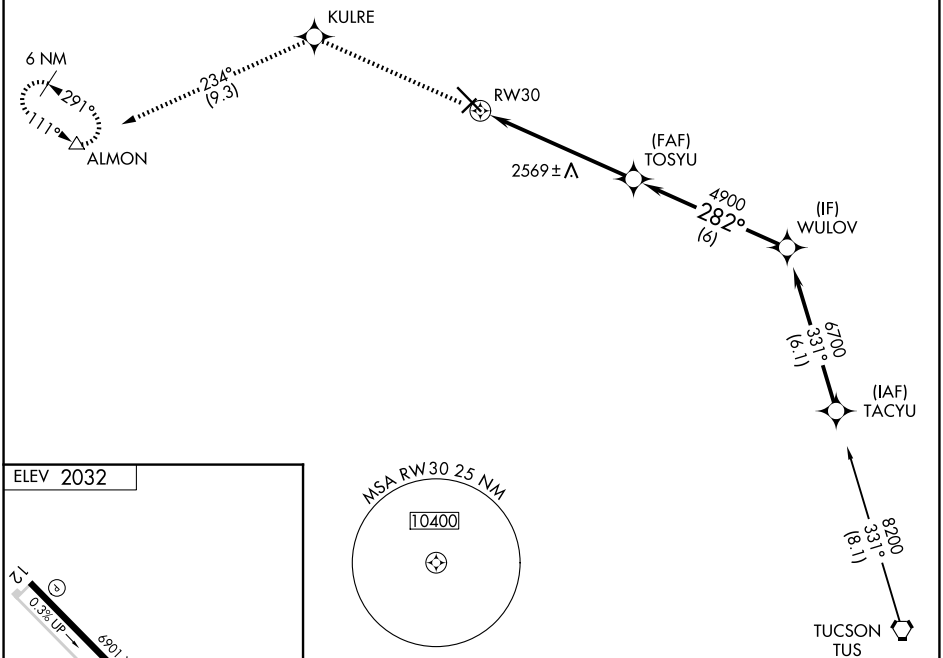
MARANA RGNL (AVQ)

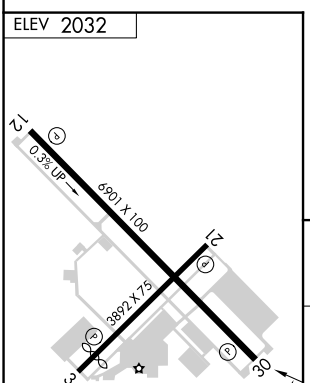
APP CRS	Rwy Ldg	N/A
282°	TDZE	N/A
	Apt Elev	2032

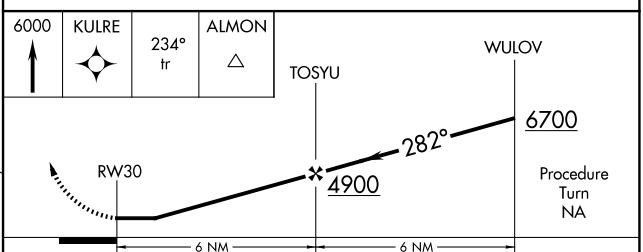
When local altimeter setting not received, use Ryan Fld altimeter setting and increase all MDAs 100 feet and increase Circling Cat A visibility ¼ SM and Cat C ½ SM. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 6000 direct KULRE and 234° track to ALMON and hold, continue climb-in-hold to 6000.

AWOS-3	TUCSON APP CON	UNICOM
118.375	119.4 318.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	2820-1 788 (800-1)	2820-1¼ 788 (800-1¼)	2820-2¼ 788 (800-2¼)	NA

REIL Rwys 3 and 21
REIL Rwys 12 and 30 L
MIRL Rwys 3-21 and 12-30 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

MESA, ARIZONA | AL-6647 (FAA) | 26022

RNAV (GPS) RWY 4L

FALCON FLD (FFZ)

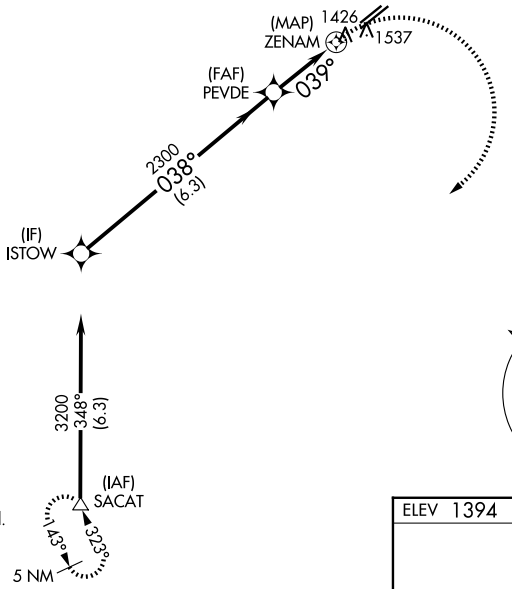
WAAS	APP CRS	Rwy Ldg	3799
CH 56625	039°	TDZE	1383
W04A		Apt Elev	1394

RNP APCH - GPS.

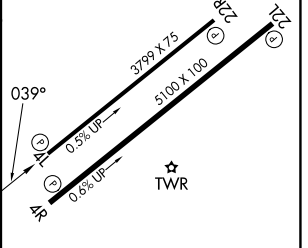
Rwy 4L helicopter visibility reduction below 1 SM NA.

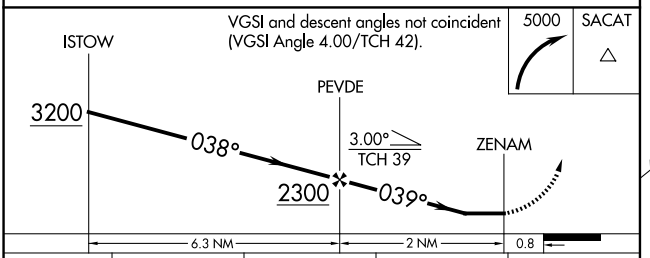
MISSED APPROACH: Climbing right turn to 5000 direct SACAT and hold, continue climb-in-hold to 5000.

ATIS	PHOENIX APP CON	FALCON TOWER ★	GND CON	UNICOM
118.25	120.7 239.0	124.6 (CTAF) L	121.3	122.95



ELEV 1394 | TDZE 1383





CATEGORY	A	B	C	D
LP MDA	1800-1	417 (500-1)	1800-1⅛	417 (500-1⅛)	NA
LNAV MDA	1800-1	417 (500-1)	1800-1⅛	417 (500-1⅛)	NA

REIL Rwys 4L, 4R, 22L and 22R
MIRL Rwys 4L-22R and 4R-22L L

MESA, ARIZONA
Amdt 1E 22JAN26

33°28'N-111°44'W

FALCON FLD (FFZ)

RNAV (GPS) RWY 4L

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 4R

FALCON FLD (FFZ)

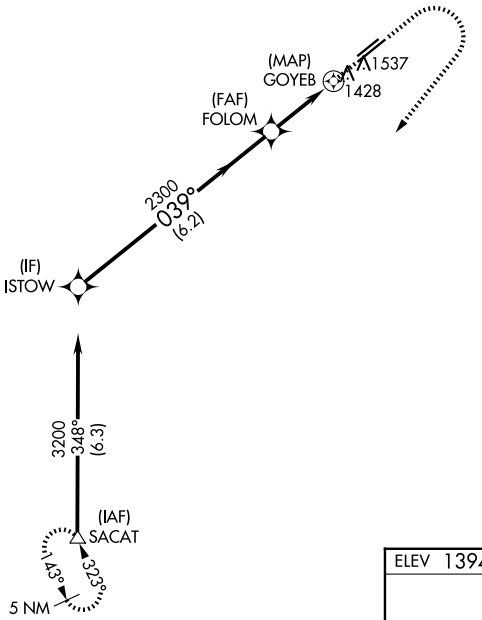
WAAS	APP CRS	Rwy Ldg	5100
CH 90525	039°	TDZE	1384
W04B		Apt Elev	1394

RNP APCH - GPS.

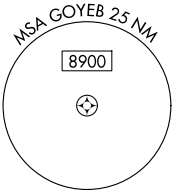
Circling to Rwy 22L, 22R NA at night. Circling NA for Cat C southeast of Rwys 4R and 22L.

MISSED APPROACH: Climb to 1900 then climbing right turn to 5000 direct SACAT and hold, continue climb-in-hold to 5000.

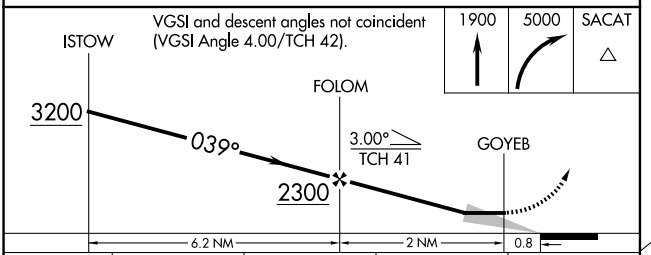
ATIS	PHOENIX APP CON	FALCON TOWER ★	GND CON	UNICOM
118.25	120.7 239.0	124.6 (CTAF) L	121.3	122.95

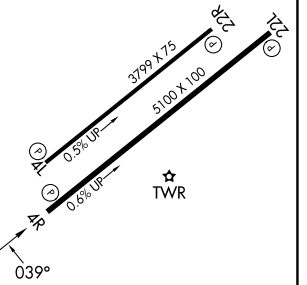


Procedure NA for arrivals at SACAT on V16 southeast bound.



ELEV 1394	TDZE 1384





CATEGORY	A	B	C	D
LP MDA	1680-1 296 (300-1)			NA
LNAV MDA	1800-1 416 (500-1)		1800-1⅛ 416 (500-1⅛)	NA
CIRCLING	1880-1 486 (500-1)	1980-1 586 (600-1)	2100-2 706 (800-2)	NA

REIL Rwys 4L, 4R, 22L and 22R
MIRL Rwys 4L-22R and 4R-22L L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

MESA, ARIZONA AL-6647 (FAA) 26022

APP CRS	Rwy Ldg	N/A
122°	TDZE	N/A
	Apt Elev	1394

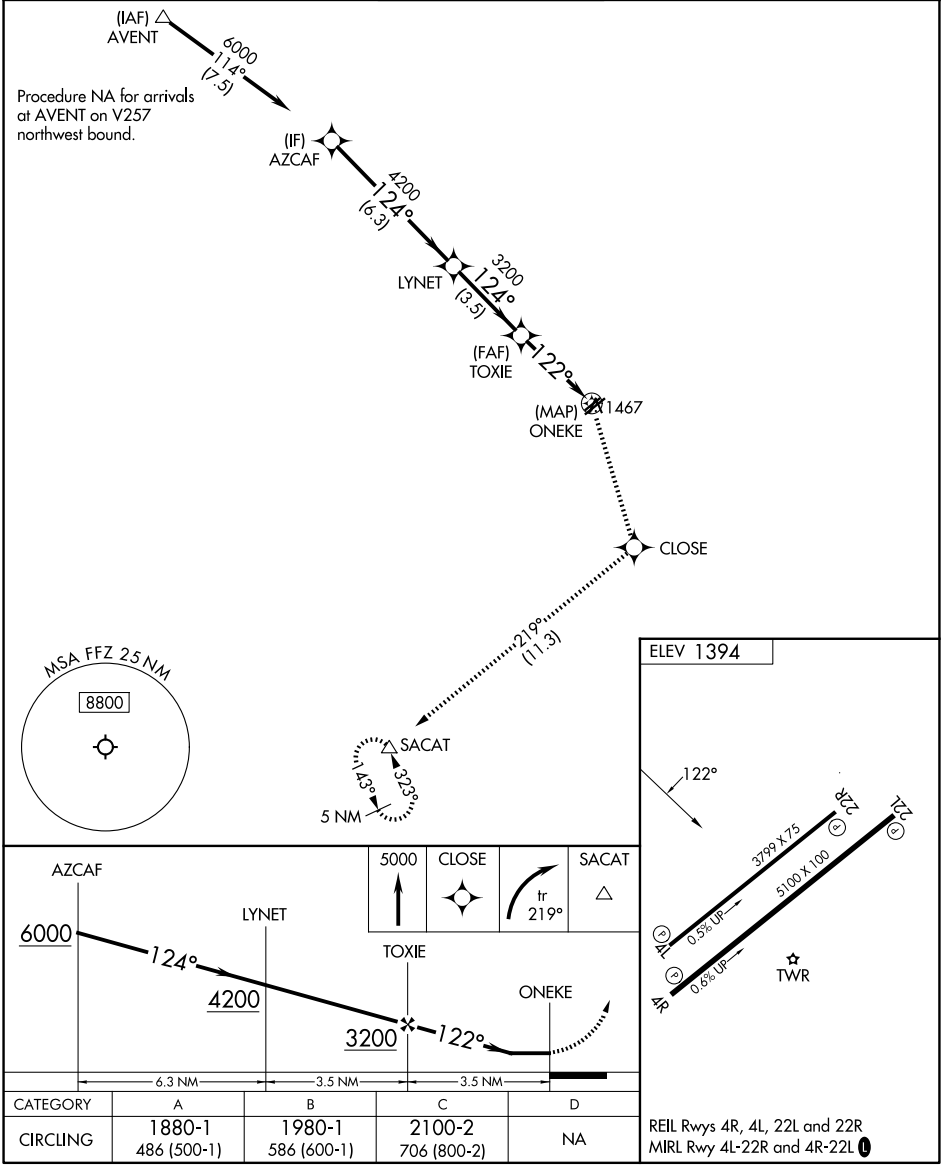
RNAV (GPS)-B
FALCON FLD (FFZ)

RNP APCH.

Circling Rwy 22L, 22R NA at night. Circling NA for Cat C southeast of Rwy 4R-22L.

MISSED APPROACH: Climb to 5000 direct CLOSE and right turn on track 219° to SACAT and hold, continue climb-in-hold to 5000.

ATIS	PHOENIX APP CON	FALCON TOWER ★	GND CON	UNICOM
118.25	120.7 239.0	124.6 (CTAF) L	121.3	122.95



CATEGORY	A	B	C	D
CIRCLING	1880-1 486 (500-1)	1980-1 586 (600-1)	2100-2 706 (800-2)	NA

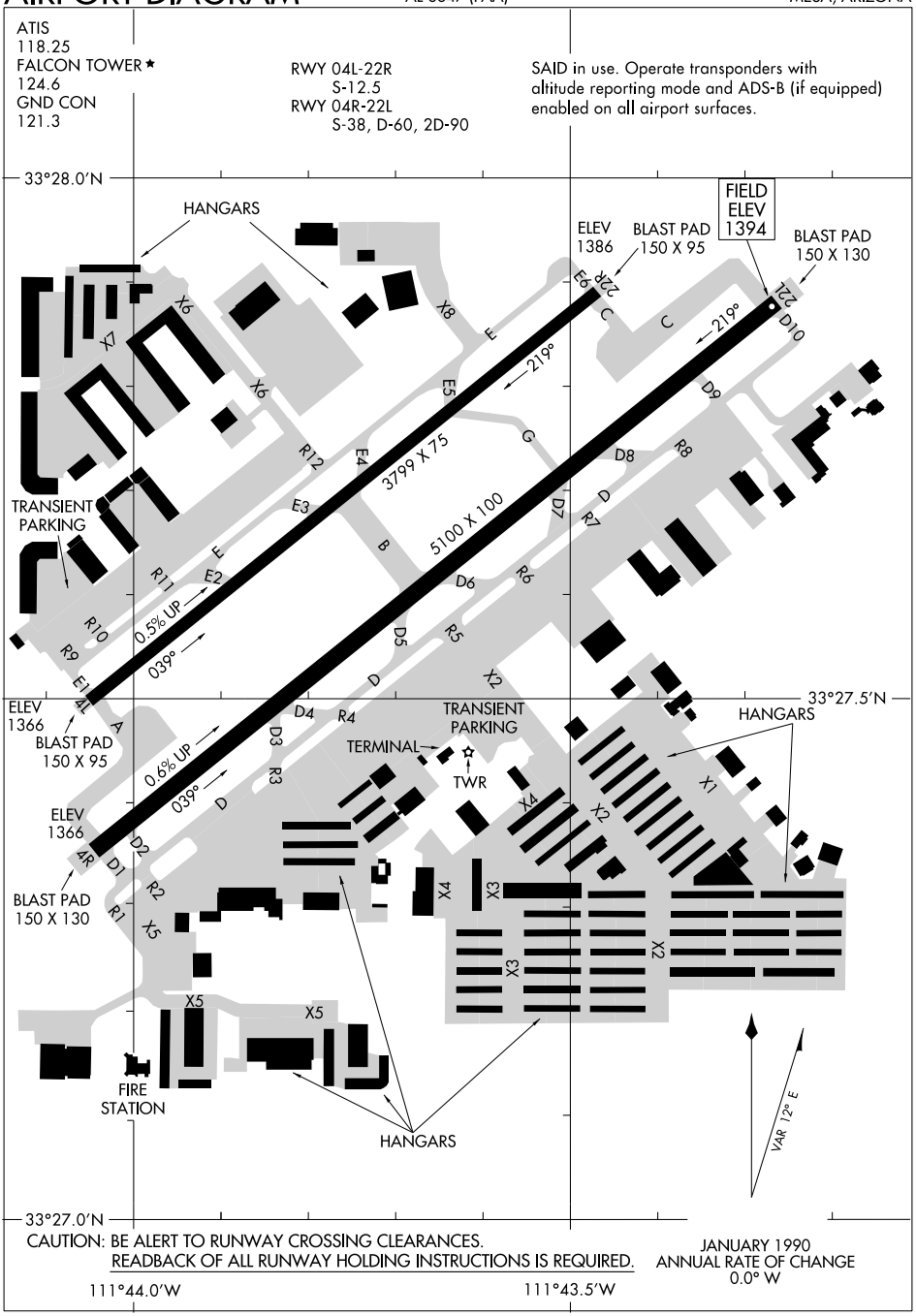
REIL Rwys 4R, 4L, 22L and 22R
MIRL Rwy 4L-22R and 4R-22L L

MESA, ARIZONA
Amdt 1A 22JAN26

33°28'N-111°44'W

FALCON FLD (FFZ)
RNAV (GPS)-B

SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

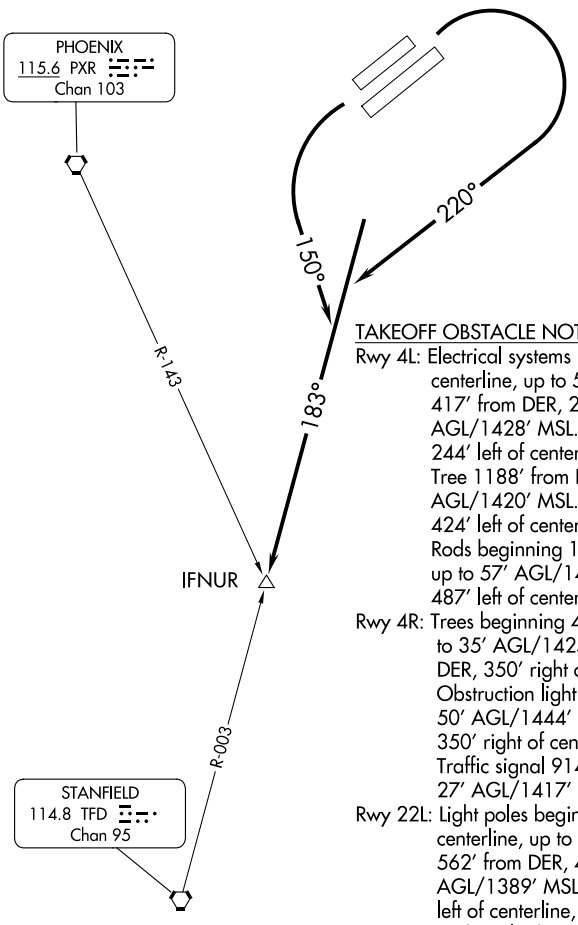
(MESA1.MESA) 23334

MESA ONE DEPARTURE (OBSTACLE)

AL-6647 (FAA)

FALCON FLD (FFZ)
MESA, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026



NOTE: Chart not to scale.

TAKEOFF OBSTACLE NOTES

Rwy 4L: Electrical systems beginning 248′ from DER, 416′ left of centerline, up to 50′ AGL/1430′ MSL. Light poles 417′ from DER, 29′ left of centerline, up to 48′ AGL/1428′ MSL. Trees beginning 418′ from DER, 244′ left of centerline, up to 40′ AGL/1423′ MSL. Tree 1188′ from DER, 155′ right of centerline, 40′ AGL/1420′ MSL. Obstruction light 1314′ from DER, 424′ left of centerline, 54′ AGL/1434′ MSL. Rods beginning 1236′ from DER, 424′ left of centerline, up to 57′ AGL/1437′ MSL. Windsock 1523′ from DER, 487′ left of centerline, 34′ AGL/1414′ MSL.

Rwy 4R: Trees beginning 412′ from DER, 15′ left of centerline, up to 35′ AGL/1425′ MSL. Light poles beginning 513′ from DER, 350′ right of centerline, up to 51′ AGL/1441′ MSL. Obstruction light 531′ from DER, 583′ right of centerline, 50′ AGL/1444′ MSL. Trees beginning 585′ from DER, 350′ right of centerline, up to 40′ AGL/1460′ MSL. Traffic signal 914′ from DER, 68′ left of centerline, 27′ AGL/1417′ MSL.

Rwy 22L: Light poles beginning 256′ from DER, 421′ right of centerline, up to 24′ AGL/1384′ MSL. Windmill 562′ from DER, 457′ right of centerline, 39′ AGL/1389′ MSL. Light pole 1206′ from DER, 510′ left of centerline, 38′ AGL/1398′ MSL.

Rwy 22R: Light poles beginning 297′ from DER, 65′ right of centerline, up to 43′ AGL/1403′ MSL. Trees beginning 369′ from DER, 127′ right of centerline, up to 25′ AGL/1385′ MSL.

TAKEOFF MINIMUMS

Rwys 22L/R: Standard.
Rwy 4L: Standard with minimum climb of 480′ per NM to 3600 or 1100-3 for climb in visual conditions.
Rwy 4R: Standard with minimum climb of 495′ per NM to 3600 or 1100-3 for climb in visual conditions.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/4R: Climbing right turn to 5000 heading 220° and TFD VORTAC R-003 to IFNUR INT or for climb in visual condition, cross Falcon Field Airport at or above 2300 then climb to 5000 via TFD R-003 to IFNUR INT, expect filed altitude 10 minutes after departure.

TAKEOFF RUNWAYS 22L/22R: Climbing left turn to 5000 heading 150° and TFD VORTAC R-003 to IFNUR INT, expect filed altitude 10 minutes after departure.

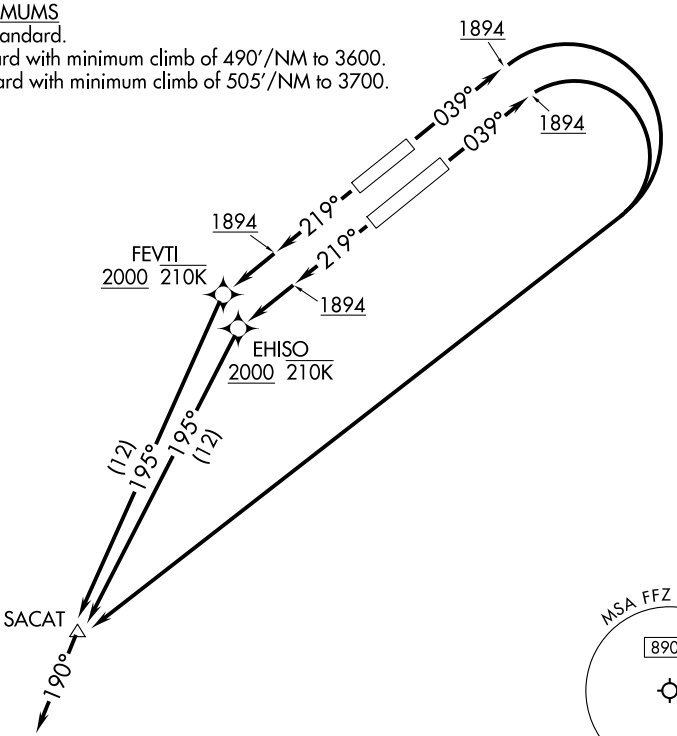
SACAT FOUR DEPARTURE (RNAV)

PHOENIX DEP CON
120.7 239.0

RNAV 1 - DME/DME/IRU or GPS required.
RADAR required.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 22L/R: Standard.
Rwy 4L: Standard with minimum climb of 490'/NM to 3600.
Rwy 4R: Standard with minimum climb of 505'/NM to 3700.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climb on heading 039° to 1894, then right turn direct SACAT, thence. . .

TAKEOFF RUNWAY 22L: Climb on heading 219° to 1894, then direct EHISO at or above 2000 and at or below 210K, then on track 195° to SACAT, thence. . .

TAKEOFF RUNWAY 22R: Climb on heading 219° to 1894, then direct FEVTI at or above 2000 and at or below 210K, then on track 195° to SACAT, thence. . .

. . .on track 190°, maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

MESQUITE, NEVADA AL-9014 (FAA) 26022

WAAS	APP CRS	Rwy Ldg	5121
CH 69641	023°	TDZE	1936
W02A		Apt Elev	1978

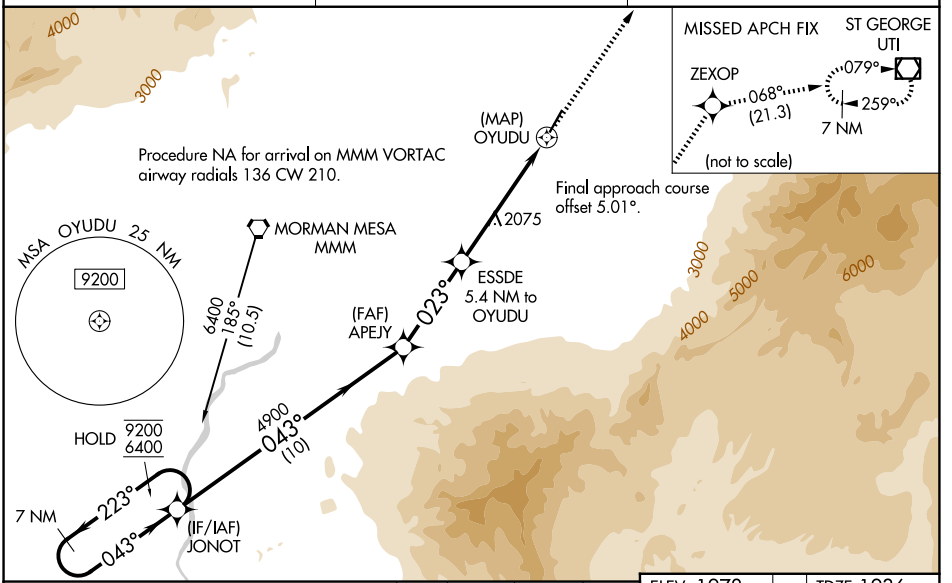
RNAV (GPS) RWY 2
MESQUITE (67L)

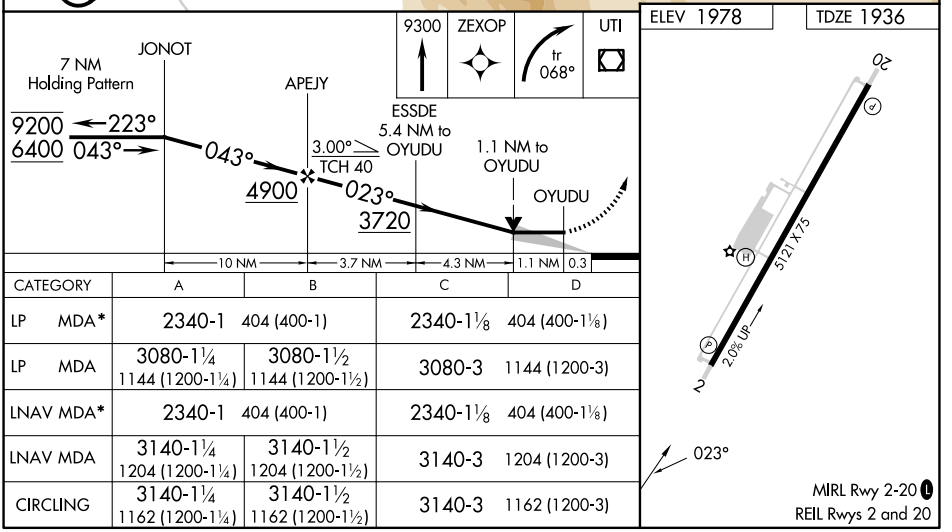
RNP APCH.

VDP NA when using St George altimeter setting. When local altimeter setting not received, use St. George altimeter setting and increase all MDAs 200 feet and LP* and LNAV* Cats C/D visibility ⅝ SM. Circling NA for Cat D west of Rwy 2-20. Circling Rwy 20 NA at night.

MISSED APPROACH: Climb to 9300 direct ZEXOP and climbing right turn on track 068° to UTI VOR/DME and hold, continue climb-in-hold to 9300.
*Missed approach requires minimum climb of 258 feet per NM to 6200.

AWOS-3	LOS ANGELES CENTER	UNICOM
118.525	124.2 343.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LP MDA*	2340-1 404 (400-1)		2340-1⅛ 404 (400-1⅛)	
LP MDA	3080-1¼ 1144 (1200-1¼)	3080-1½ 1144 (1200-1½)	3080-3 1144 (1200-3)	
LNAV MDA*	2340-1 404 (400-1)		2340-1⅛ 404 (400-1⅛)	
LNAV MDA	3140-1¼ 1204 (1200-1¼)	3140-1½ 1204 (1200-1½)	3140-3 1204 (1200-3)	
CIRCLING	3140-1¼ 1162 (1200-1¼)	3140-1½ 1162 (1200-1½)	3140-3 1162 (1200-3)	

MESQUITE, NEVADA
Amdt 1 10OCT19

36°50'N-114°03'W

MESQUITE (67L)
RNAV (GPS) RWY 2

SW-4, 03 SEP 2026 to 29 OCT 2026

DUGWAY PROVING GROUND, UTAH

RNAV (GPS) RWY 12

(USA)

MICHAEL AAF (DUGWAY PROVING GROUND) (KDPG)

APCH CRS	Rwy ldg	10,000
122°	TDZE	4344
	Arpt Elev	4351

RNP APCH - GPS

T † Obtain local altimeter setting on CTAF; when not received, use Wendover altimeter setting.
NA

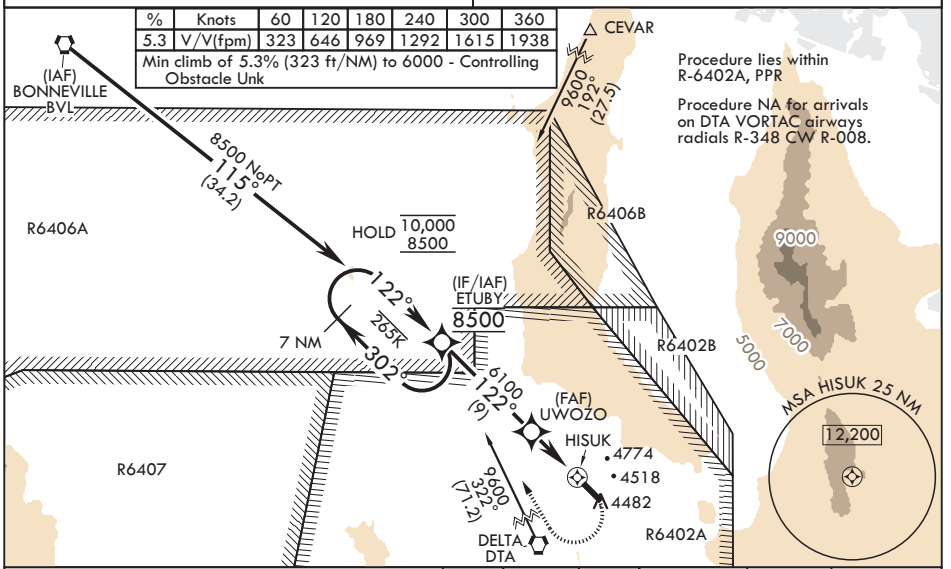
MISSED APPROACH: Climb to 5200 (5360 when using Wendover altimeter setting) then climbing right turn to 8500 direct ETUBY and hold, continue climb in hold to 8500.

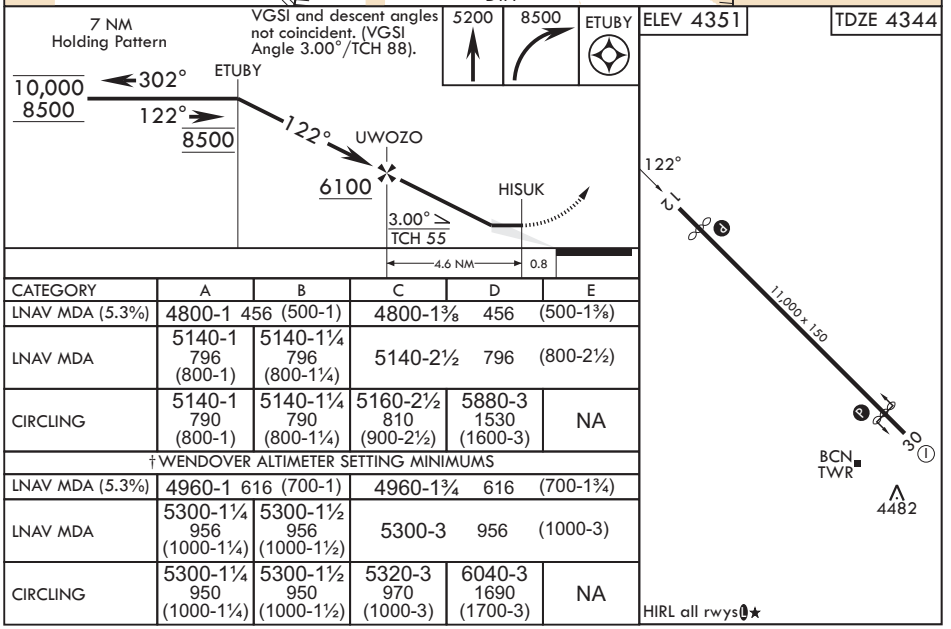
CLOVER APP CON★
134.1 363.5

CTAF
126.2 ★ 270.3

%	Knots	60	120	180	240	300	360
5.3	V/V(fpm)	323	646	969	1292	1615	1938

Min climb of 5.3% (323 ft/NM) to 6000 - Controlling Obstacle Unk





CATEGORY	A	B	C	D	E
LNAV MDA (5.3%)	4800-1 456 (500-1)		4800-1⅜ 456		(500-1⅜)
LNAV MDA	5140-1 796 (800-1)	5140-1¼ 796 (800-1¼)	5140-2½ 796		(800-2½)
CIRCLING	5140-1 790 (800-1)	5140-1¼ 790 (800-1¼)	5160-2½ 810 (900-2½)	5880-3 1530 (1600-3)	NA
†WENDOVER ALTIMETER SETTING MINIMUMS					
LNAV MDA (5.3%)	4960-1 616 (700-1)		4960-1¾ 616		(700-1¾)
LNAV MDA	5300-1¼ 956 (1000-1¼)	5300-1½ 956 (1000-1½)	5300-3 956		(1000-3)
CIRCLING	5300-1¼ 950 (1000-1¼)	5300-1½ 950 (1000-1½)	5320-3 970 (1000-3)	6040-3 1690 (1700-3)	NA

DUGWAY PROVING GROUND, UTAH

MICHAEL AAF (DUGWAY PROVING GROUND) (KDPG)

Amdt 3 02OCT25

40°12'N - 112°56'W

RNAV (GPS) RWY 12

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DUGWAY PROVING GROUND, UTAH

TACAN RWY 12

TACAN	APCH CRS	Rwy Idg	TDZE	Arpt Elev
MIJ Chan 79	117°	10,000	4344	4351

[USA] MICHAEL AAF (DUGWAY PROVING GROUND) (KDPG)

Procedure NA for arrival on BVL VORTAC via V200 southwest bound without holding at Bonneville. ATC clearance required. Procedure lies within R6402A, PPR. Use KENV-ENV (Wendover) altimeter when local altimeter not available. VDP not authorized with KENV-ENV (Wendover) altimeter setting.

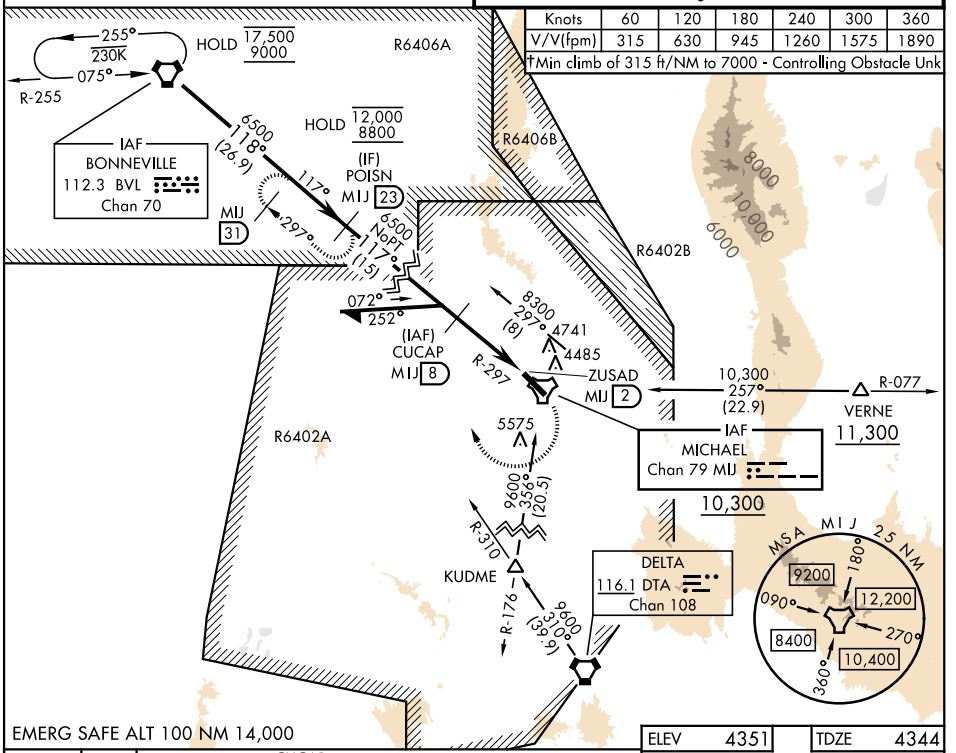
MISSED APPROACH: Climbing right turn to 8800 via MIJ TACAN R-297 to POISN/MIJ 23 DME and hold.

CLOVER APP CON★ 134.1 363.5

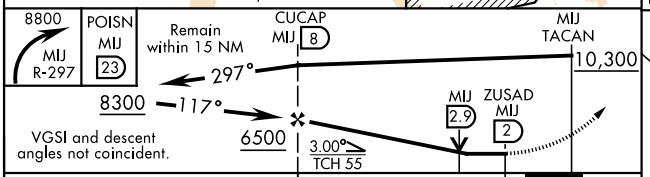
CTAF 126.2(L)★ 270.3

Knots	60	120	180	240	300	360
V/V(fpm)	315	630	945	1260	1575	1890

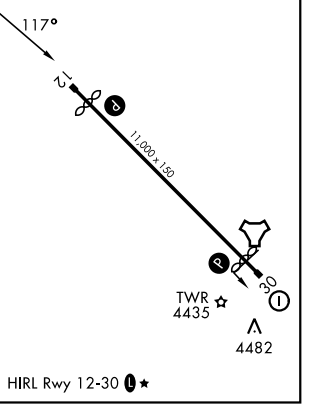
†Min climb of 315 ft/NM to 7000 - Controlling Obstacle Unk



EMERG SAFE ALT 100 NM 14,000



ELEV 4351 TDZE 4344



HIRL Rwy 12-30 (L)★

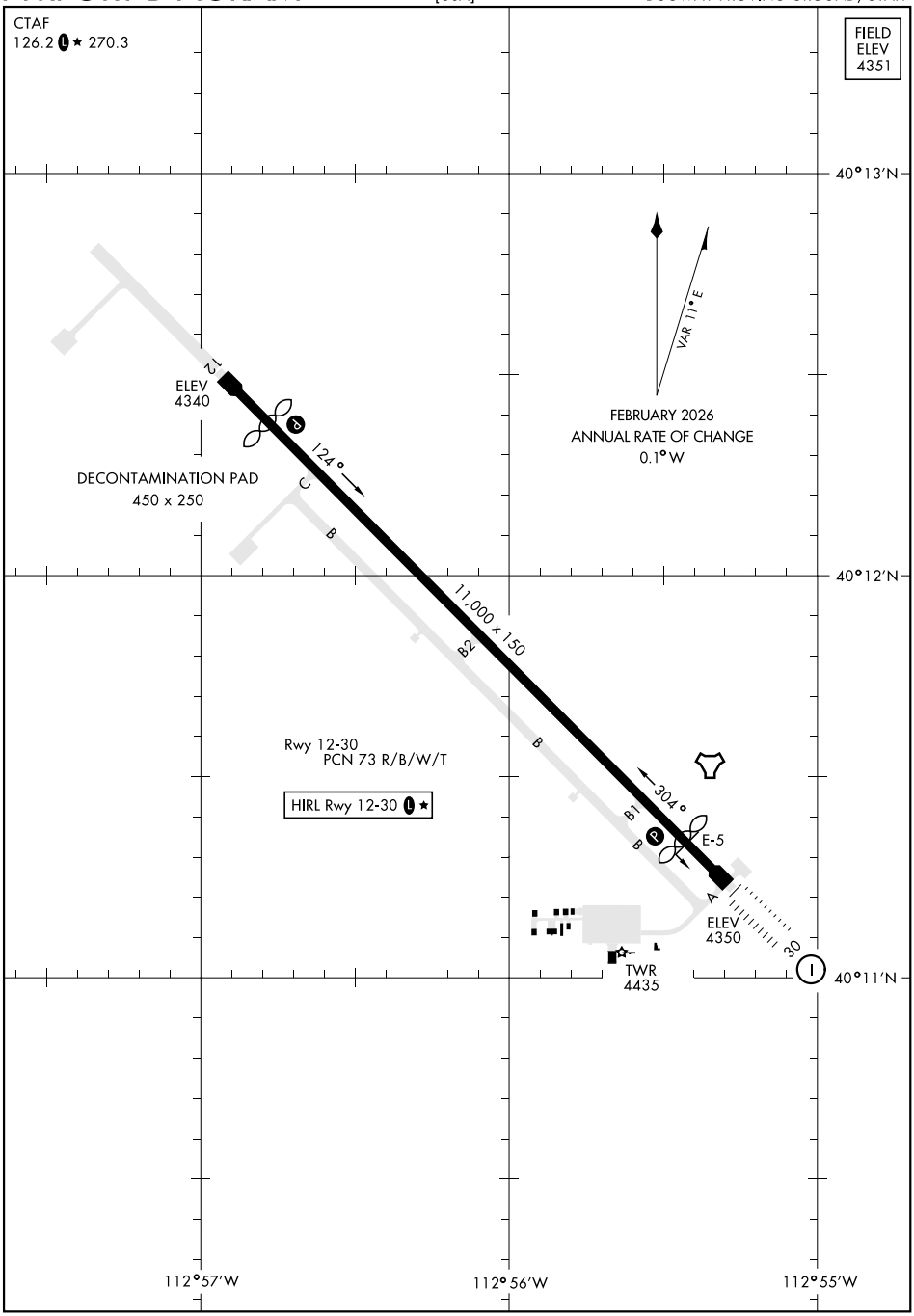
CATEGORY	A	B	C	D	E
S-12†	4860-1 516 (600-1)		4860-1⅜ 516 (600-1⅜)		
S-12	5180-1 836 (900-1)	5180-1¼ 836 (900-1¼)	5180-2½ 836 (900-2½)		
CIRCLING	5180-1¼ 830 (900-1¼)		5180-2½ 830 (900-2½)	5880-3 1530 (1600-3)	6300-3 1950 (2000-3)
KENV – ENV (WENDOVER) ALTIMETER SETTING MINIMUMS					
S-12†	5020-1 676 (700-1)		5020-1⅞ 676 (700-1⅞)		
S-12	5340-1¼ 996(1000-1¼)	5340-1½ 996(1000-1½)	5340-3 996 (1000-3)		
CIRCLING	5340-1¼ 990(1000-1¼)	5340-1½ 990(1000-1½)	5340-3 990 (1000-3)	6040-3 1690(1700-3)	6460-3 2110 (2200-3)

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

MICHAEL AAF (DUGWAY PROVING GROUND) (KDPG)

[USA] DUGWAY PROVING GROUND, UTAH



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

DUGWAY PROVING GROUND, UTAH

MICHAEL AAF (DUGWAY PROVING GROUND) (KDPG)

MILFORD, UTAH | AL-260 (FAA) | 26246

RNAV (GPS) RWY 16

MILFORD MUNI/BEN AND JUDY BRISCOE FLD (MLF)

APP CRS	Rwy Ldg	5004
165°	TDZE	5033
	Apt Elev	5039

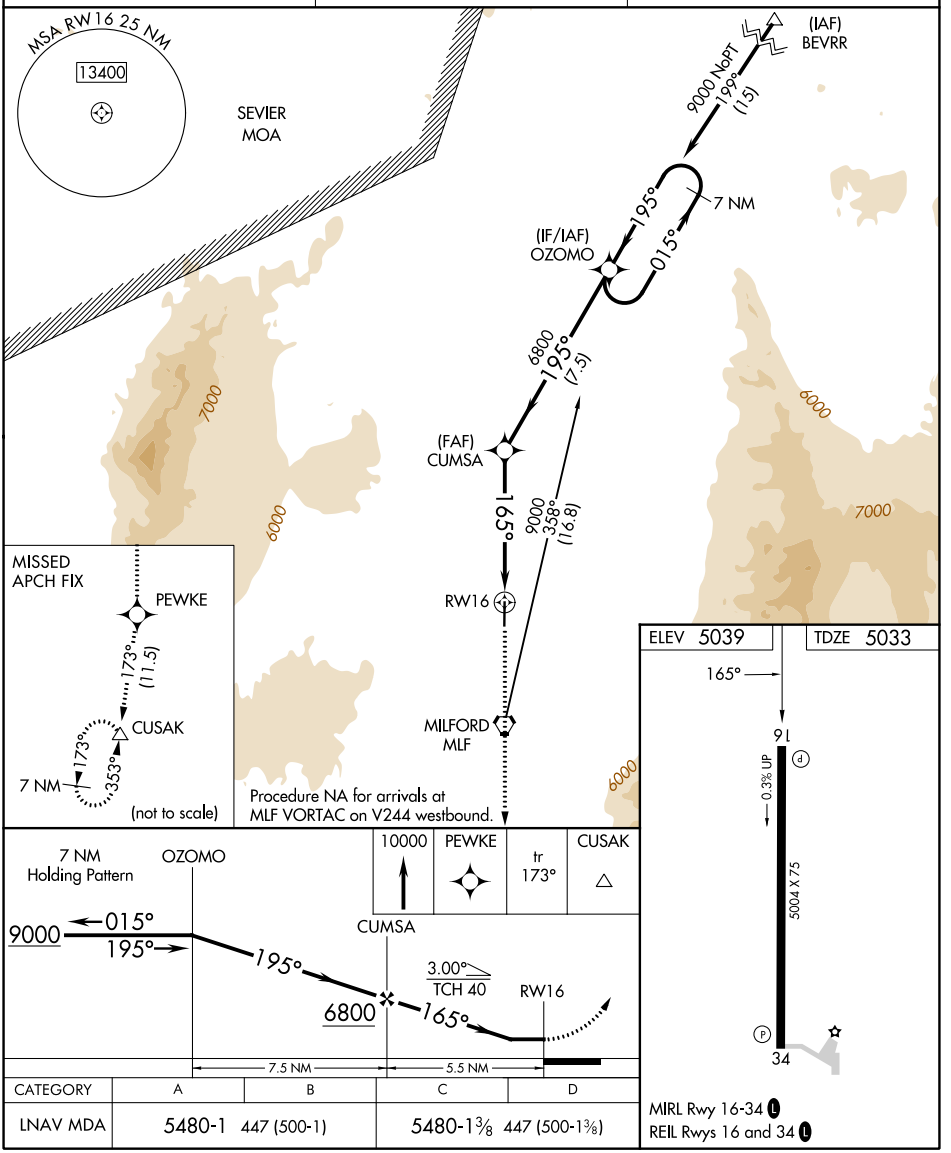
RNP APCH.

When local altimeter setting not received, use Cedar City altimeter setting and increase all MDA 200 feet and increase LNAV Cat C/D visibility ½ mile.

-27°C

MISSED APPROACH: Climb to 10000 direct PEWKE and on track 173° to CUSAK and hold.

ASOS	SALT LAKE CENTER	UNICOM
135.025	125.575 379.275	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	5480-1 447 (500-1)		5480-1⅜ 447 (500-1⅜)	

MIRL Rwy 16-34 L

REIL Rwys 16 and 34 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

MILFORD, UTAH
Orig-C 07NOV19

MILFORD MUNI/BEN AND JUDY BRISCOE FLD (MLF)
38°26'N-113°01'W

RNAV (GPS) RWY 16

RNAV (GPS) RWY 34

MILFORD MUNI/BEN AND JUDY BRISCOE FLD (MLF)

APP CRS	Rwy Ldg	5004
345°	TDZE	5039
	Apt Elev	5039

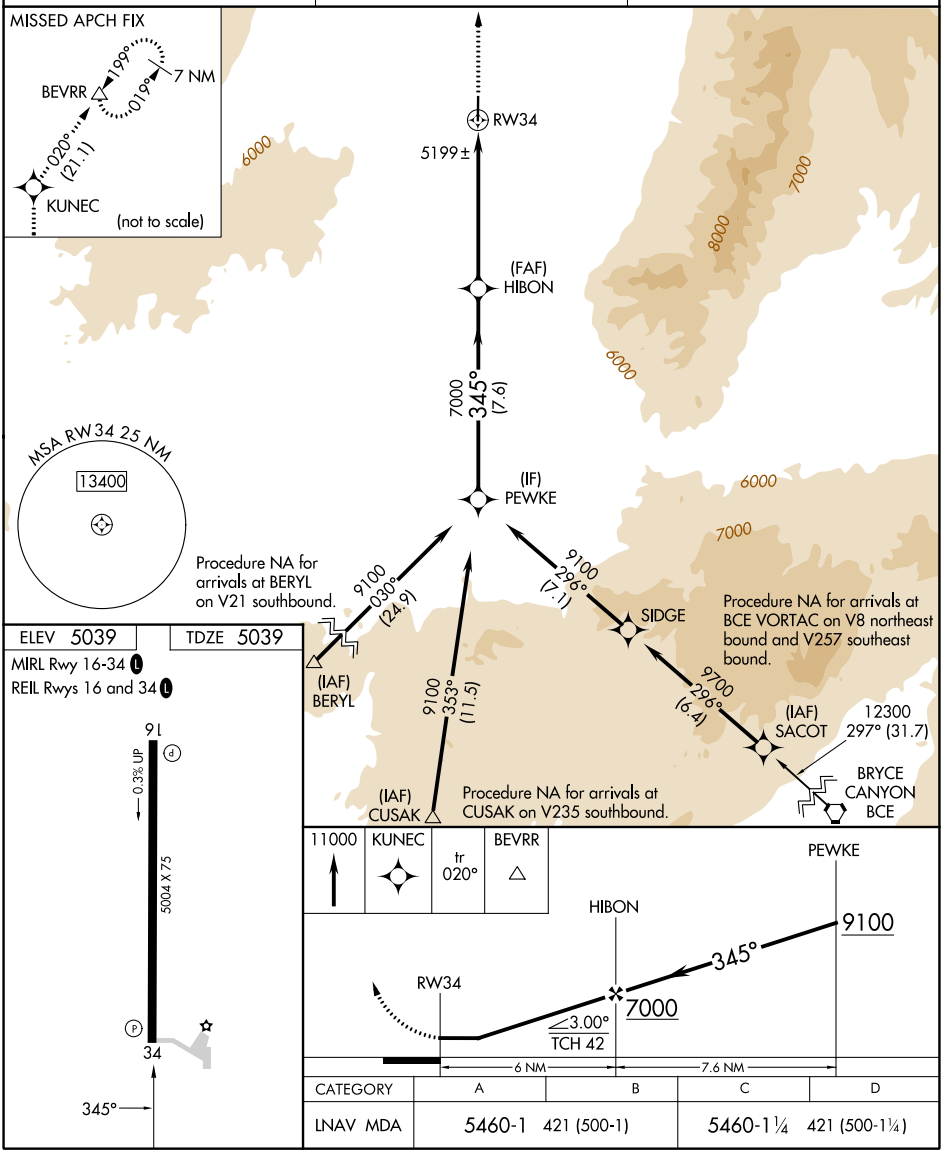
RNP APCH.

When local altimeter setting not received, use Cedar City altimeter setting and increase all MDA 180 feet; increase LNAV Cat C/D visibility ½ mile.

-27°C

MISSED APPROACH: Climb to 11000 direct KUNEC and on track 020° to BEVRR and hold, continue climb-in-hold to 11000.

ASOS	SALT LAKE CENTER	UNICOM
135.025	125.575 379.275	122.8 (CTAF) L



ELEV 5039 TDZE 5039

MIRL Rwy 16-34 L

REIL Rwys 16 and 34 L

CATEGORY	A	B	C	D
LNAV MDA	5460-1 421 (500-1)		5460-1¼ 421 (500-1¼)	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VORTAC MLF	APP CRS	Rwy Ldg	N/A
112.1	344°	TDZE	N/A
Chan 58		Apt Elev	5042

VOR/DME-A

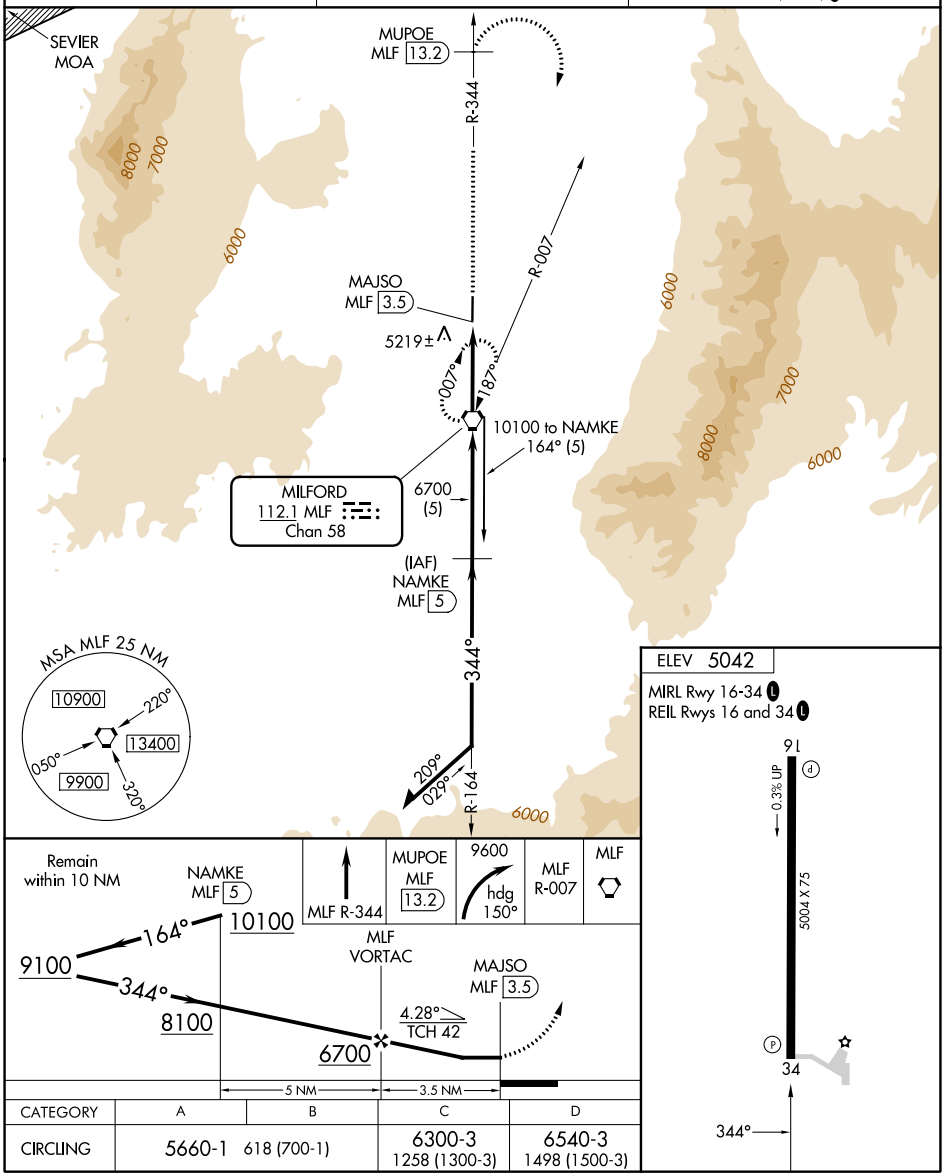
MILFORD MUNI/BEN AND JUDY BRISCOE FLD (MLF)

T A -27°C

When local altimeter setting not received, use Cedar City altimeter setting and increase all MDAs 180 feet, Circling Cat D NA. When VGSI inop, procedure NA at night. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb on MLF VORTAC R-344 to MUPOE/MLF 13.2 DME then climbing right turn to 9600 on heading 150° and MLF VORTAC R-007 to MILFORD VORTAC and hold.

ASOS	SALT LAKE CENTER	UNICOM
135.025	125.575 379.275	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	5660-1	618 (700-1)	6300-3 1258 (1300-3)	6540-3 1498 (1500-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 16

MINDEN-TAHOE (MEV)

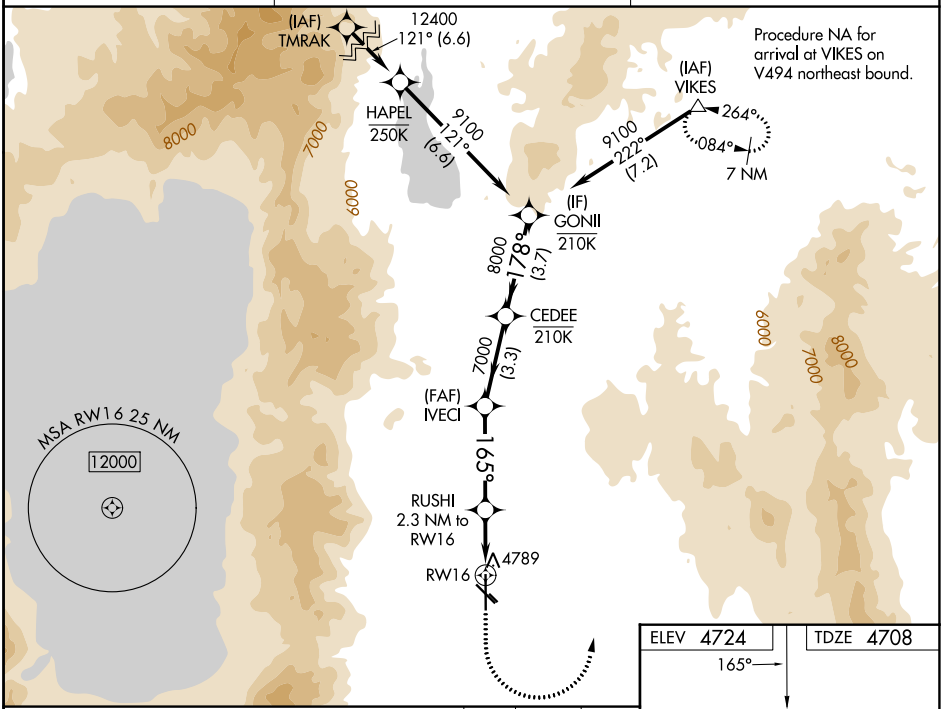
APP CRS	Rwy Ldg	7399
165°	TDZE	4708
	Apt Elev	4724

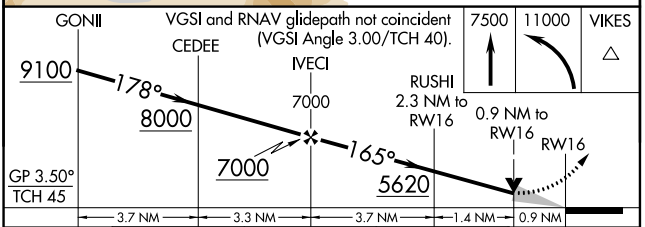
RNP APCH - GPS.

T A Baro-VNAV NA. Circling NA for Cat D southwest of Rwy 12 and west of Rwy 34. Circling NA to Rwys 12G and 30G.

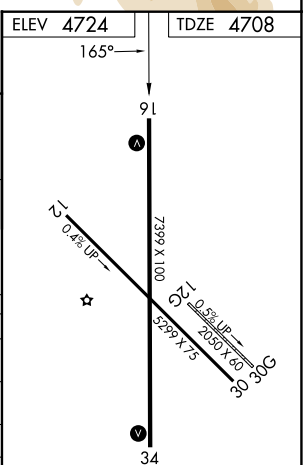
MISSED APPROACH: (Do not exceed 210K until VIKES) Climb to 7500, then climbing left turn to 11000 direct VIKES and hold, continue climb-in-hold to 11000.
*Missed approach requires minimum climb of 245 feet per NM to 9200.
#Missed approach requires minimum climb of 310 feet per NM to 9400.

AWOS-3PT	NORCAL APP CON	UNICOM
119.325	119.2 279.55	123.05 (CTAF) L





CATEGORY	A	B	C	D
LNAV/VNAV DA*	5106-1⅛ 398 (400-1⅛)			
LNAV/VNAV DA	6174-5 1466 (1500-5)			
LNAV MDA#	5040-1 332 (400-1)			
LNAV MDA	5600-1¼ 892 (900-1¼)		6020-3 1312 (1300-3)	
CIRCLING	5600-1¼ 876 (900-1¼)		6020-3 1296 (1300-3)	6440-3 1716 (1800-3)



HIRL Rwy 16-34 L
REIL Rwys 16 and 34 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

MINDEN, NEVADA | AL-9430 (FAA) | 26190

RNAV (GPS) RWY 34
MINDEN-TAHOE (MEV)

APP CRS	Rwy Ldg	7399
345°	TDZE	4717
	Apt Elev	4724

RNP APCH - GPS.

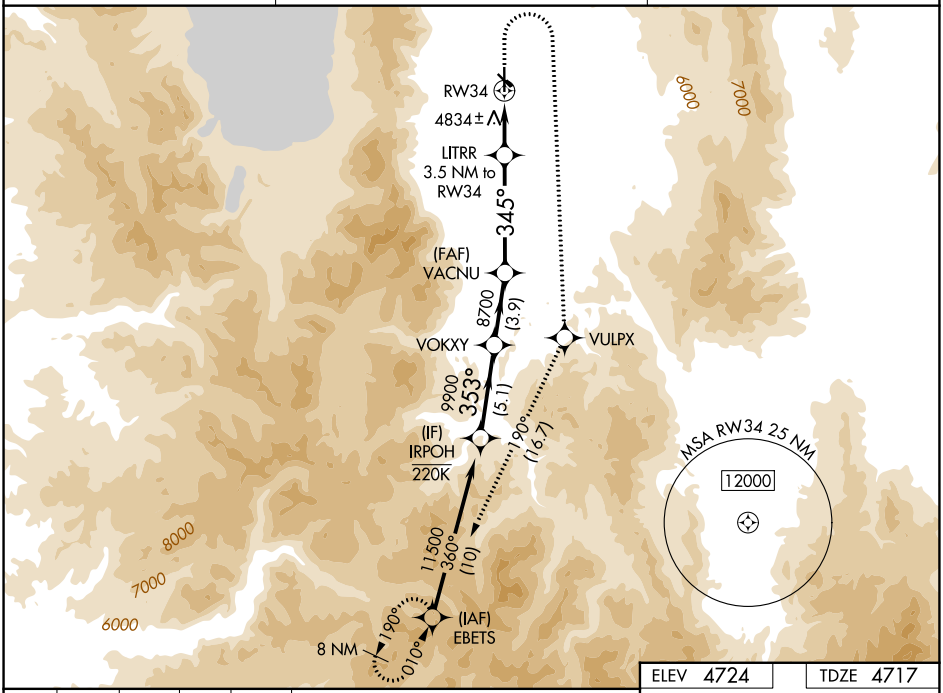
Baro-VNAV NA.

Circling NA to Rwys 12G and 30G.

MISSED APPROACH: Climb to 7700 then climbing right turn to 13000 direct VULPX and on track 190° to EBETS and hold.

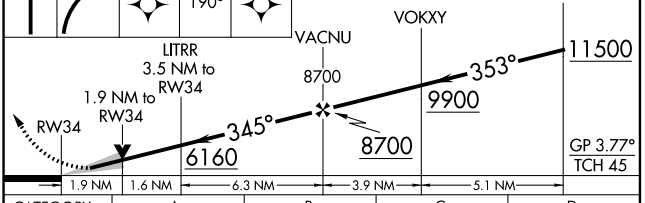
*Missed approach requires minimum climb of 310 feet per NM to 6700.

AWOS-3PT	NORCAL APP CON	UNICOM
119.325	119.2 279.55	123.05 (CTAF) L



7700	13000	VULPX	tr 190°	EBETS

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 31).

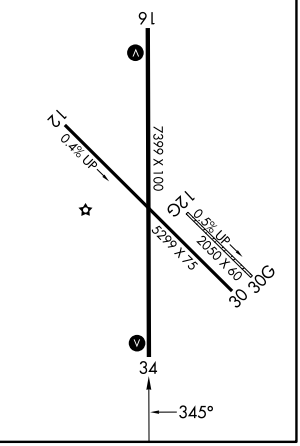


CATEGORY	A	B	C	D
LNAV/VNAV DA*	5145-1¼ 428 (500-1¼)			NA
LNAV/VNAV DA	5542-2½ 825 (900-2½)			NA
LNAV MDA*	5340-1 623 (700-1)		5340-1¾ 623 (700-1¾)	NA
LNAV MDA	5720-1¼ 1003 (1000-1¼)	5720-1½ 1003 (1000-1½)	5720-3 1003 (1000-3)	NA
CIRCLING	5720-1¼ 996 (1000-1¼)	5720-1½ 996 (1000-1½)	5920-3 1196 (1200-3)	NA

ELEV 4724 | TDZE 4717

HIRL Rwy 16-34 L

REIL Rwys 16 and 34 L



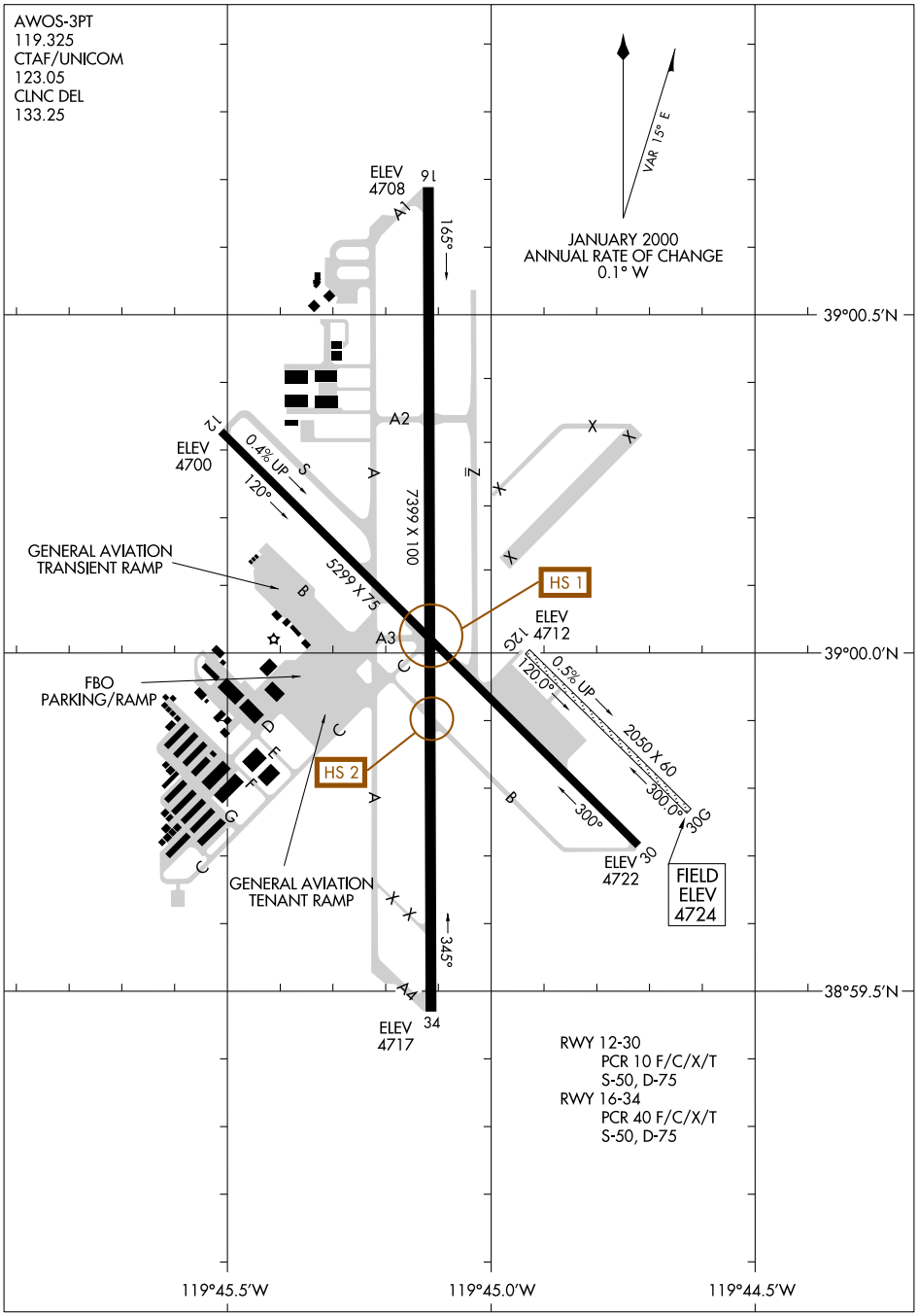
MINDEN, NEVADA
Orig 25JAN24

39°00'N-119°45'W

MINDEN-TAHOE (MEV)
RNAV (GPS) RWY 34

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026

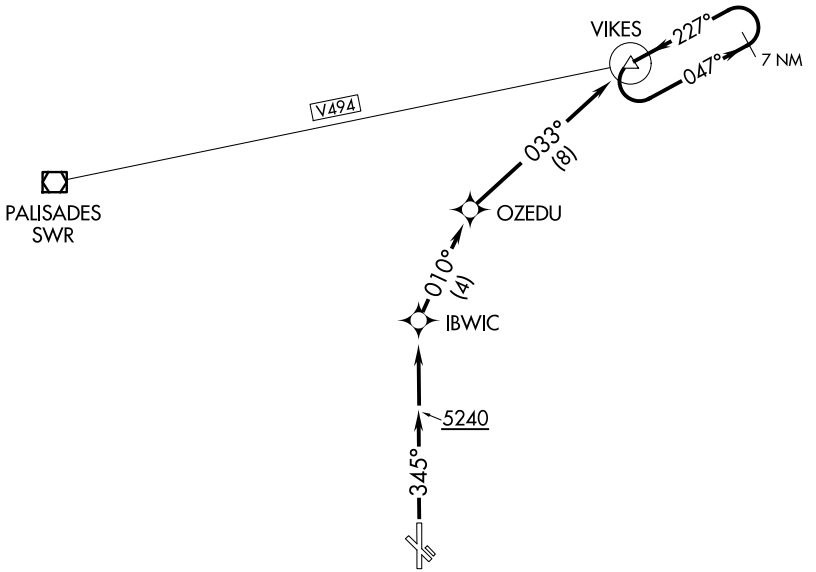
(MINDN3.VIKES) 26134

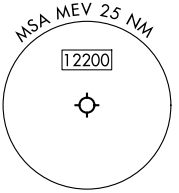
MINDEN THREE DEPARTURE (OBSTACLE) (RNAV)

MINDEN-TAHOE (MEV)
AL-9430 (FAA) MINDEN, NEVADA

NORCAL DEP CON
119.2 279.55
RENO TOWER
118.7 257.8

RNAV 1 - GPS.





TAKEOFF MINIMUMS
Rwys 12, 16, 30: NA - obstacles.
Rwys 12L, 30R: NA - environmental.
Rwy 34: Standard with a minimum climb of 413'/NM to 7800.

TAKEOFF OBSTACLE NOTES
Rwy 34: Vegetation beginning 13' from DER, 317' right of centerline, up to 4711' MSL.
Fence 236' from DER, 302' right of centerline, 6' AGL/4714' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 34: Climb heading 345° to 5240 then direct IBWIC, then on track 010° to OZEDU, then on track 033° to VIKES, then climb in VIKES holding pattern (hold NE, left turn, 227° inbound) to cross VIKES at or above MEA/MCA for assigned route of flight.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	7101
CH 93642	044°	TDZE	4558
W03A		Apt Elev	4579

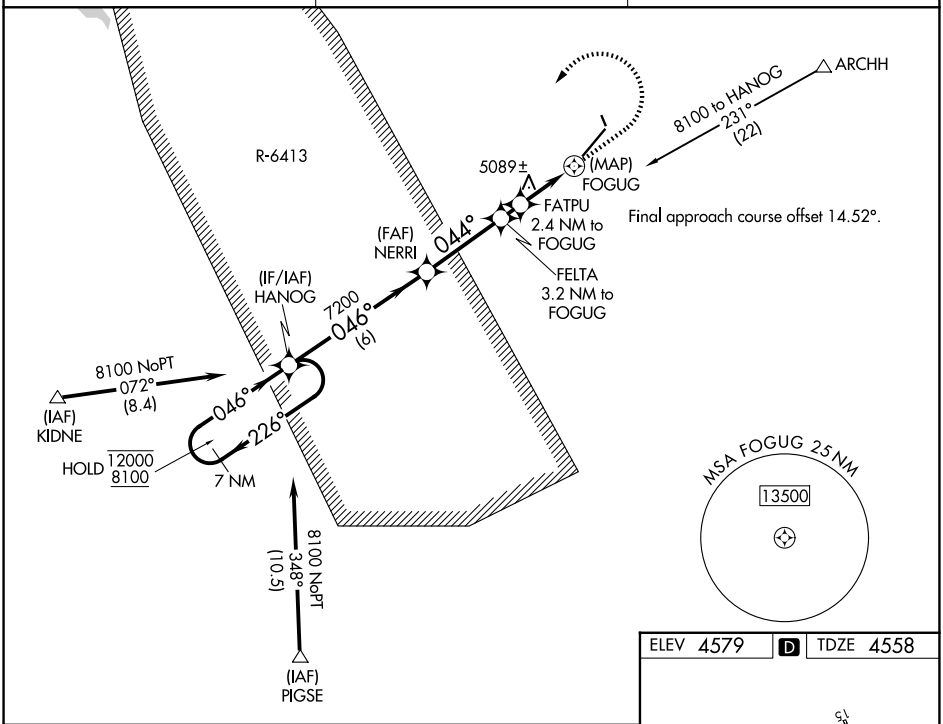
RNAV (GPS) RWY 3
CANYONLANDS RGNL (CNY)

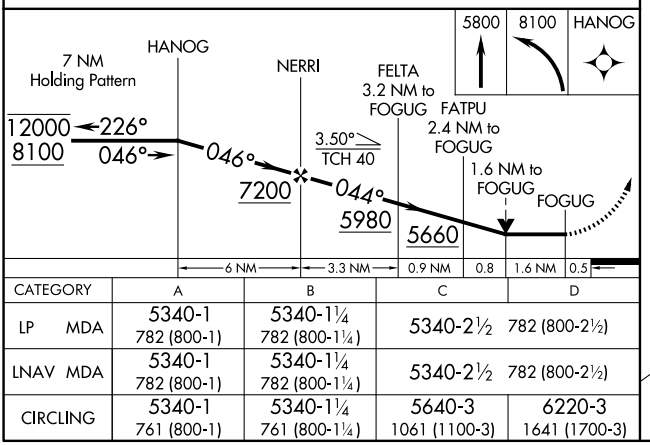
RNP APCH-GPS.

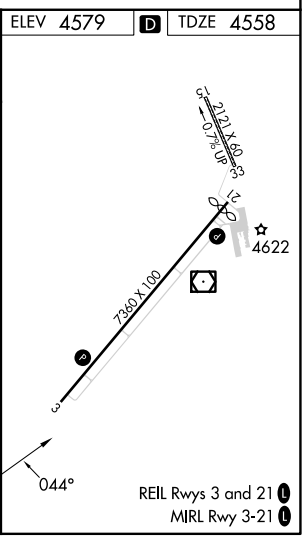
Circling NA to Rwys 15 and 33. Rwy 3 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, procedure NA. Procedure NA when R-6413 in operation.

MISSED APPROACH: Climb to 5800 then climbing left turn to 8100 direct HANOG and hold.

ASOS	DENVER CENTER	UNICOM
118.525	134.5 327.8	122.8 (CTAF)







CATEGORY	A	B	C	D
LP MDA	5340-1 782 (800-1)	5340-1¼ 782 (800-1¼)	5340-2½ 782 (800-2½)	
LNAV MDA	5340-1 782 (800-1)	5340-1¼ 782 (800-1¼)	5340-2½ 782 (800-2½)	
CIRCLING	5340-1 761 (800-1)	5340-1¼ 761 (800-1¼)	5640-3 1061 (1100-3)	6220-3 1641 (1700-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VOR/DME OAB	APP CRS	Rwy Ldg	N/A
109.8	118°	TDZE	N/A
Chan 35		Apt Elev	4579

VOR-A

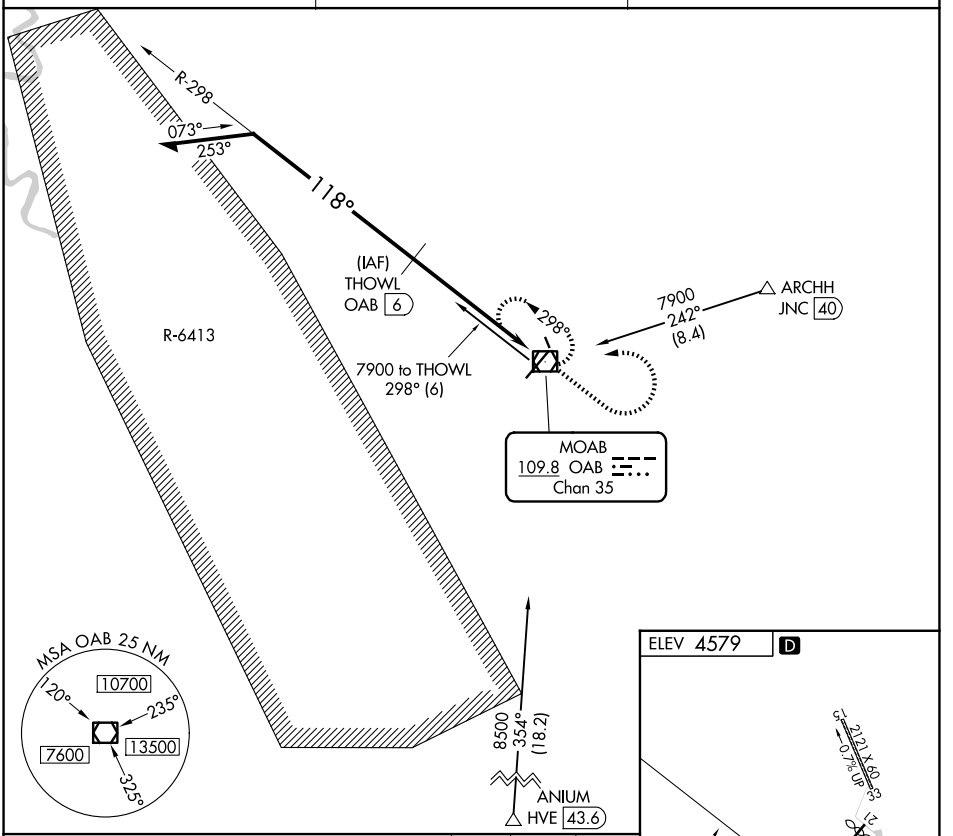
CANYONLANDS RGNL (CNY)

DME required.

Circling NA to Rwys 15 and 33.
Rwy 3 helicopter visibility reduction below ¾ SM NA.
Procedure NA when R-6413 in operation.

MISSED APPROACH: Climb to 7100 then climbing left turn to 8700 direct OAB VOR/DME and hold, continue climb-in-hold to 8700.

ASOS	DENVER CENTER	UNICOM
118.525	134.5 327.8	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	5120-1 541 (600-1)	5200-1 621 (700-1)	5640-3 1061 (1100-3)	6220-3 1641 (1700-3)

REIL Rwys 3 and 21 L
MIRL Rwy 3-21 L

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	5998
CH 86246	162°	TDZE	6970
W16A		Apt Elev	6970

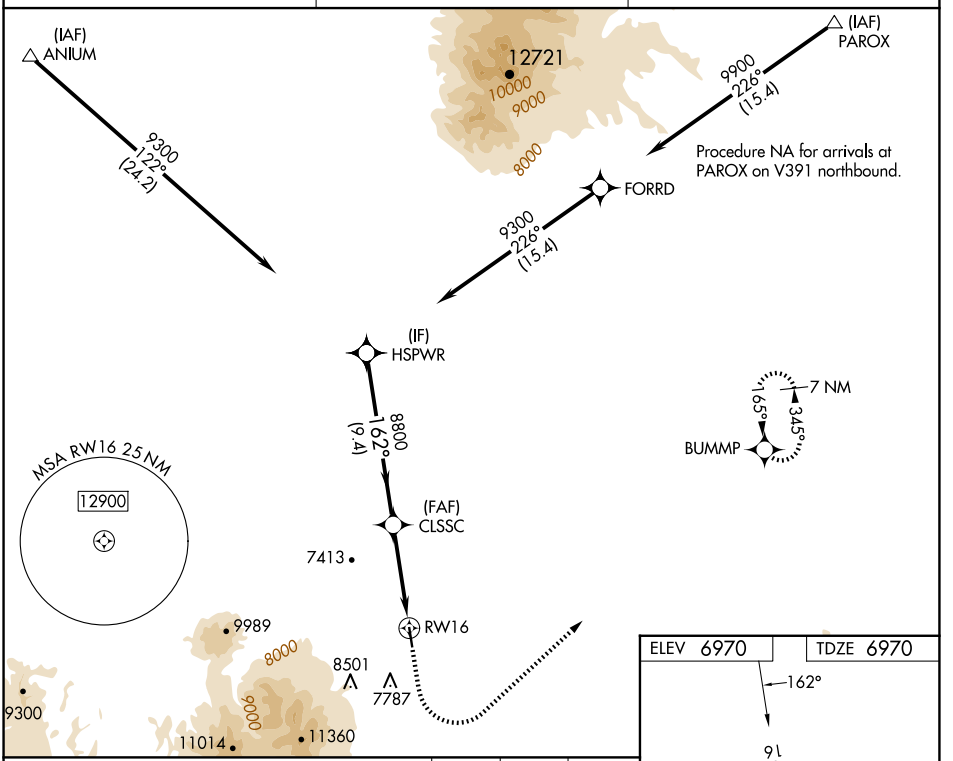
RNAV (GPS) RWY 16
MONTICELLO (U64)

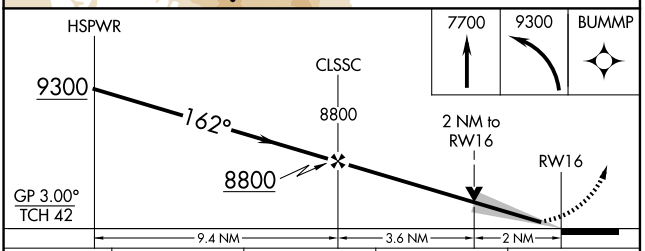
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -28°C or above 54°C.

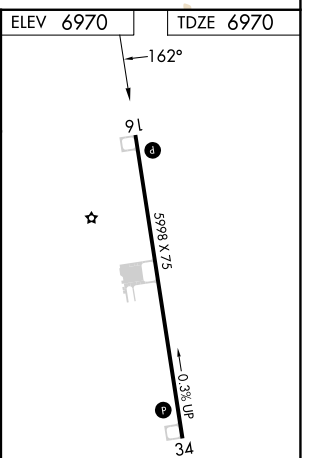
MISSED APPROACH: Climb to 7700 then climbing left turn to 9300 direct BUMMP and hold.

AWOS-3PT	DENVER CENTER	UNICOM
121.025	127.55 256.875	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	7170-1	200 (200-1)	NA	
LNAV/VNAV DA	7407-1¼	437 (500-1¼)	NA	
LNAV MDA	7660-1	690 (700-1)	NA	



REIL Rwys 16 and 34 L
MIRL Rwy 16-34 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

MONTICELLO, UTAH | AL-11773 (FAA) | 25163

WAAS	APP CRS	Rwy Ldg	5998
CH 45546	342°	TDZE	6966
W34A		Apt Elev	6970

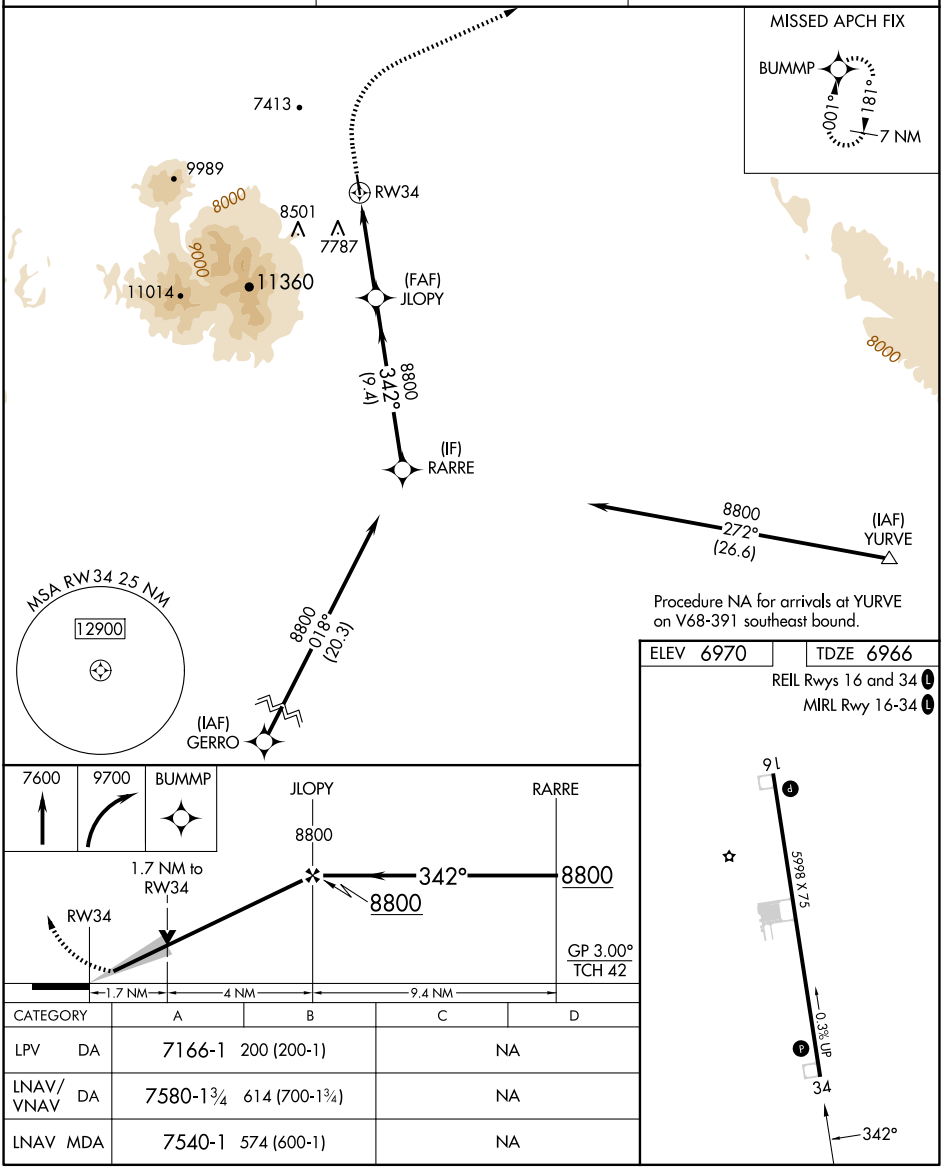
RNAV (GPS) RWY 34
MONTICELLO (U64)

RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -28°C or above 54°C.

MISSED APPROACH: Climb to 7600 then climbing right turn to 9700 direct BUMMP and hold.

AWOS-3PT	DENVER CENTER	UNICOM
121.025	127.55 256.875	122.8 (CTAF) L



ELEV 6970 | TDZE 6966

REIL Rwys 16 and 34 L

MIRL Rwy 16-34 L

CATEGORY	A	B	C	D
LPV DA	7166-1 200 (200-1)		NA	
LNAV/VNAV DA	7580-1¾ 614 (700-1¾)		NA	
LNAV MDA	7540-1 574 (600-1)		NA	

MONTICELLO, UTAH
Orig 15JUN23

37°56'N-109°20'W

MONTICELLO (U64)
RNAV (GPS) RWY 34

SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NEVADA

ILS or LOC X RWY 21L

NELLIS AFB (KLSV)

LOC I-DIQ	APCH CRS
109.1	209°

	21L	21R
Rwy ldg	10,051	10,120
TDZE	1865	1869
Arpt Elev	1869	

- (USAF)

DME or RADAR required.

* When ALS inop, increase RVR to 40, vis to 3/4 mile.
** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile, CAT CDE vis to 1 3/8 miles.
*** Circling not authorized SE of Rwy 3R-21L.

Rwy 21L ALSF-1

MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 043° to intercept LSV R-358 to ARCOE and hold, climb in hold to 15,000. Missed approach not for civil use.

ATIS	APP CON	TOWER	GND CON	CLNC DEL★
270.1	124.95 273.55	132.55 327.0	121.8 275.8	120.9 289.4

Knots	60	120	180	240	300	360
V/V(fpm)	372	744	1116	1488	1860	2232

Min climb of 372 ft/NM to 9400 - Controlling obstacle 5739

CAUTION: Missed approach with 200 ft/NM climb gradient not available.

MISSED APPROACH requires use of RNAV or ATC RADAR monitoring.

Minimum NAVAID reception at ARCOE 15,000 MSL.

HOLD FL190 15,000 LSV 39 178° 358°

ARCOE LSV 30

HOLD 14,000 8800 210° 265K 030°

(IAF) KRYSS LSV 21 8800

LSV 28

Localizer unusable beyond 25° right of course.

029° 5000 210° (7.8)

R-358

4200 209° (5.9)

(IF) SHEET LSV 13.2

ROTSE LSV 7.3 RADAR

JELIR LSV 4.4

CADOS LSV 2.8

ROCKX LSV 2.5

R-210

NELLIS LSV Chan 12

LOCALIZER 109.1 I-DIQ

9000 6000 5379 3000 2107 2201 2116

MSA LSV 25 NM
190°
11,300
070°
6600
9900
340°

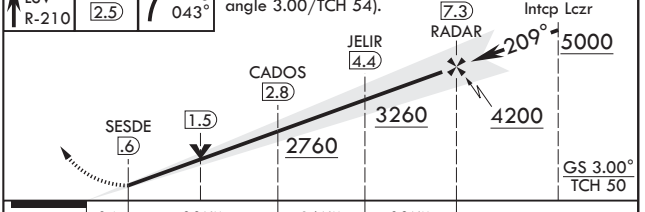
EMERG SAFE ALT 100 NM 14,000

15,000 LSV R-210

ROCKX LSV 2.5

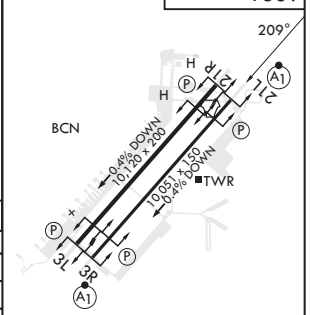
hdg 043°

VGSI and ILS glidepath not coincident (VGSI angle 3.00/TCH 54).



ELEV 1869

TDZE 21L 1865
TDZE 21R 1869



HIRL all rwys

CATEGORY	A	B	C	D	E
S-ILS 21L*	2065/24		200	(200-½)	
S-LOC 21L**	2360/24 495 (500-½)		2360/50	495	(500-1)
SIDESTEP21R	2380-1 511 (600-1)		2380-1⅜	511	(600-1⅜)
CIRCLING***	2400-1 531 (600-1)	2460-1 591 (600-1)	2560-2 691 (700-2)	2840-3 971 (1000-3)	3140-3 1271 (1300-3)

FAF to MAP 6.7 NM					
Knots	60	90	120	150	180
Min:Sec	6:42	4:28	3:21	2:41	2:14

LAS VEGAS, NEVADA

Amdt 11 10JUL25

36°14'N - 115°02'W

NELLIS AFB (KLSV)

ILS or LOC X RWY 21L

SW-4, 03 SEP 2026 to 29 OCT 2026

25191

LAS VEGAS, NEVADA

LOC Y RWY 21L

LOC I-DIQ	APCH CRS	Rwy ldg 21L	Rwy ldg 21R
109.1	209°	10,051 TDZE 1865 Arpt Elev 1869	10,120 TDZE 1869

[USAF] NELLIS AFB (KLSV)

RADAR or DME required. RNAV or RADAR required for missed apch.

* When ALS inop, increase vis to 1⅜ miles.
** Circling not authorized SE of Rwy 3R-21L.

ALSF-1 A1

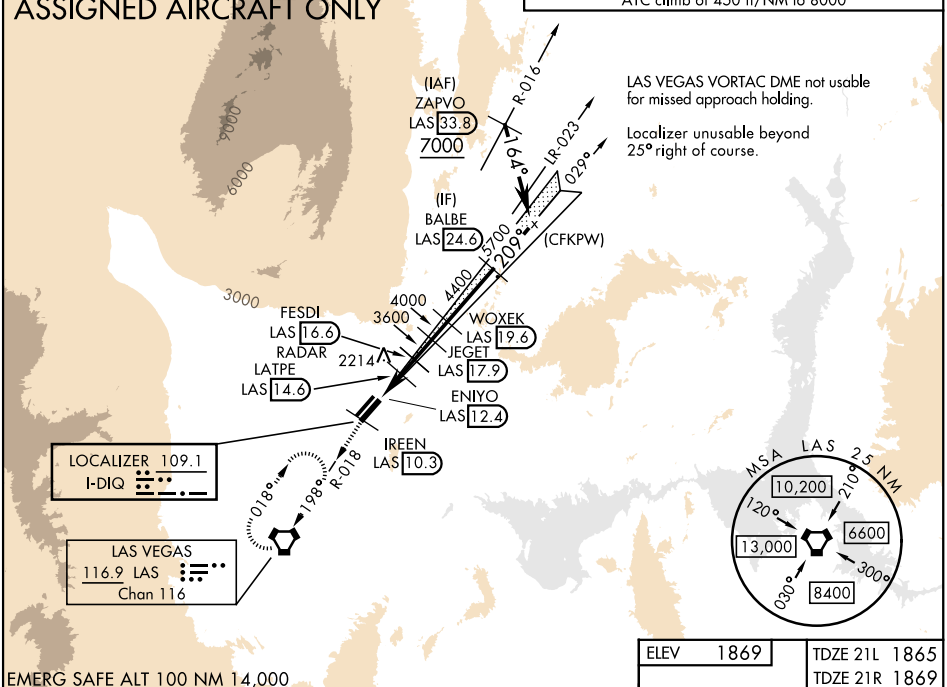
MISSED APPROACH: Climb to 8000, intercept the LAS VORTAC R-018 to 10.3 DME (IREEN), then to LAS and hold, continue climb in hold to 8000.

ATIS	APP CON	TOWER	GND CON	CLNC DEL
270.1	124.95 273.55	132.55 327.0	121.8 275.8	120.9 289.4

Knots	60	120	180	240	300	360
V/V(fpm)	450	900	1350	1800	2250	2700

ATC climb of 450 ft/NM to 8000

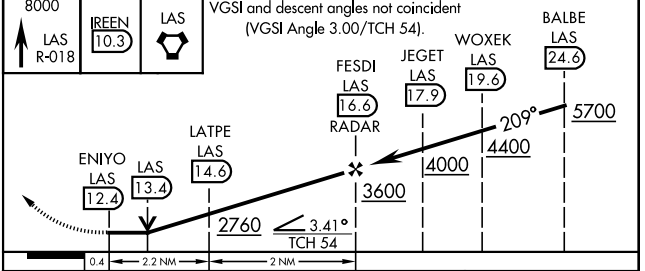
FOR USE BY NELLIS AFB
ASSIGNED AIRCRAFT ONLY



LAS VEGAS VORTAC DME not usable for missed approach holding.

Localizer unusable beyond 25° right of course.

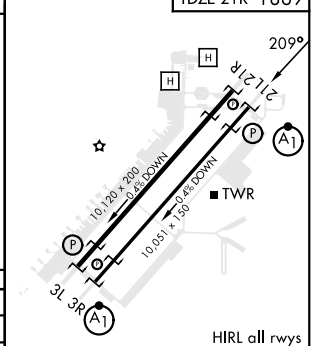
EMERG SAFE ALT 100 NM 14,000



CATEGORY	C	D	E
S-21L *	2360/50 495 (500-1)		
SIDESTEP 21R	2360-1⅜ 491 (500-1⅜)		
CIRCLING **	2560-2 691 (700-2)	2840-3 971 (1000-3)	3140-3 1271 (1300-3)

ELEV 1869

TDZE 21L 1865
TDZE 21R 1869



HIRL all rwys

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

LAS VEGAS, NEVADA 36°14'N-115°02'W NELLIS AFB (KLSV)

Amdt 9 10JUL25

LOC Y RWY 21L

LAS VEGAS, NEVADA

TACAN X RWY 21L

TACAN LSV Chan 12	APCH CRS 210°		21L	21R
		Rwy ldg	10,051	10,120
		TDZE	1865	1869
		Arpt Elev	1869	

AL-227 (USAF)

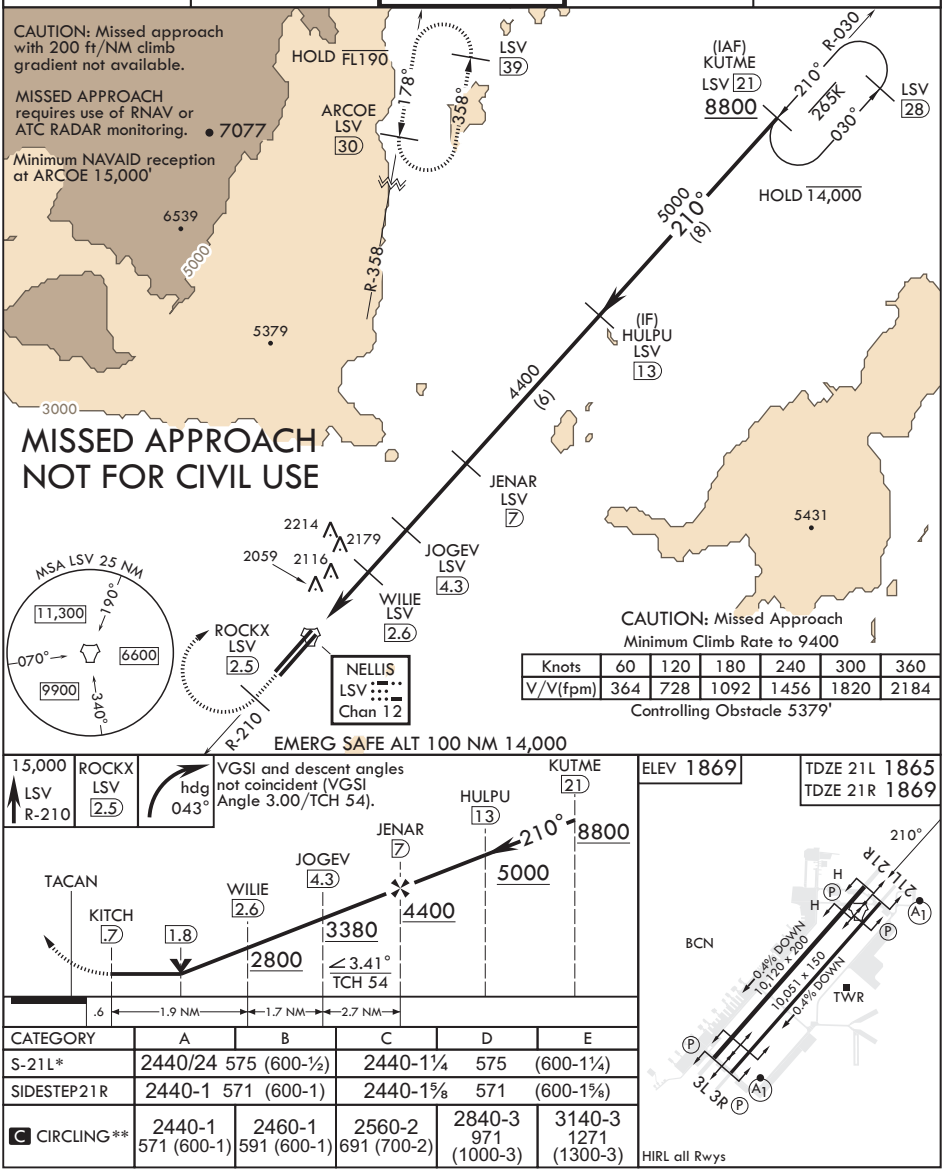
NELLIS AFB (KLSV)

* When ALS inop, increase CAT AB RVR to 55, vis to 1 mile, CAT CDE vis to 1 5/8 miles.
** Circling not authorized SE of Rwy 3R-21L.

Rwy 21L ALSF-1 (A1)

MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 043° to intercept LSV R-358 to ARCOE and hold, climb in hold to 15,000. Missed approach not for civil use.

ATIS	APP CON	TOWER	GND CON	CLNC DEL
270.1	124.95 273.55	132.55 327.0	121.8 275.8	120.9 289.4



CATEGORY	A	B	C	D	E
S-21L*	2440/24 575 (600-½)		2440-1¼ 575		(600-1¼)
SIDESTEP21R	2440-1 571 (600-1)		2440-1⅝ 571		(600-1⅝)
C CIRCLING**	2440-1 571 (600-1)	2460-1 591 (600-1)	2560-2 691 (700-2)	2840-3 971 (1000-3)	3140-3 1271 (1300-3)

HIRL all Rwys

LAS VEGAS, NEVADA

Amdt 10 10AUG23

36°14'N - 115°02'W

NELLIS AFB (KLSV)

TACAN X RWY 21L

SW-4, 03 SEP 2026 to 29 OCT 2026

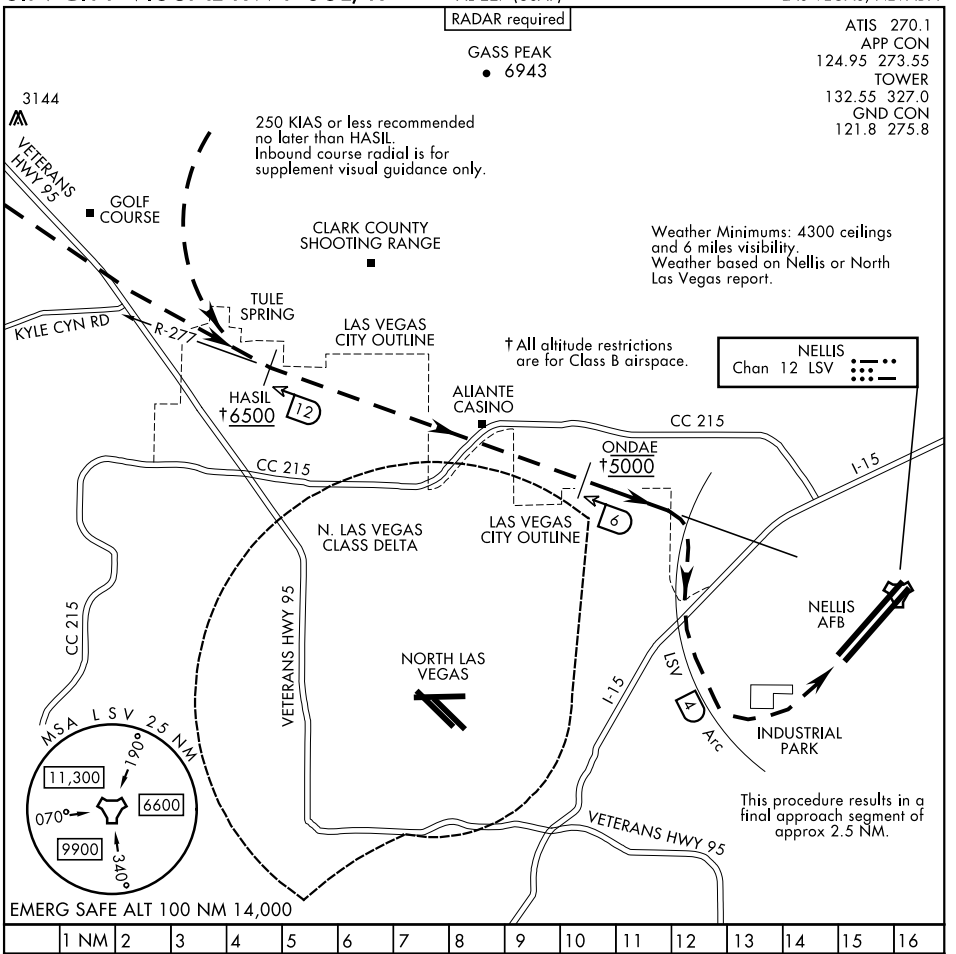
23222

NELLIS AFB (KLSV)

SIN CITY VISUAL RWY 03L/R

AL-227 (USAF)

LAS VEGAS, NEVADA



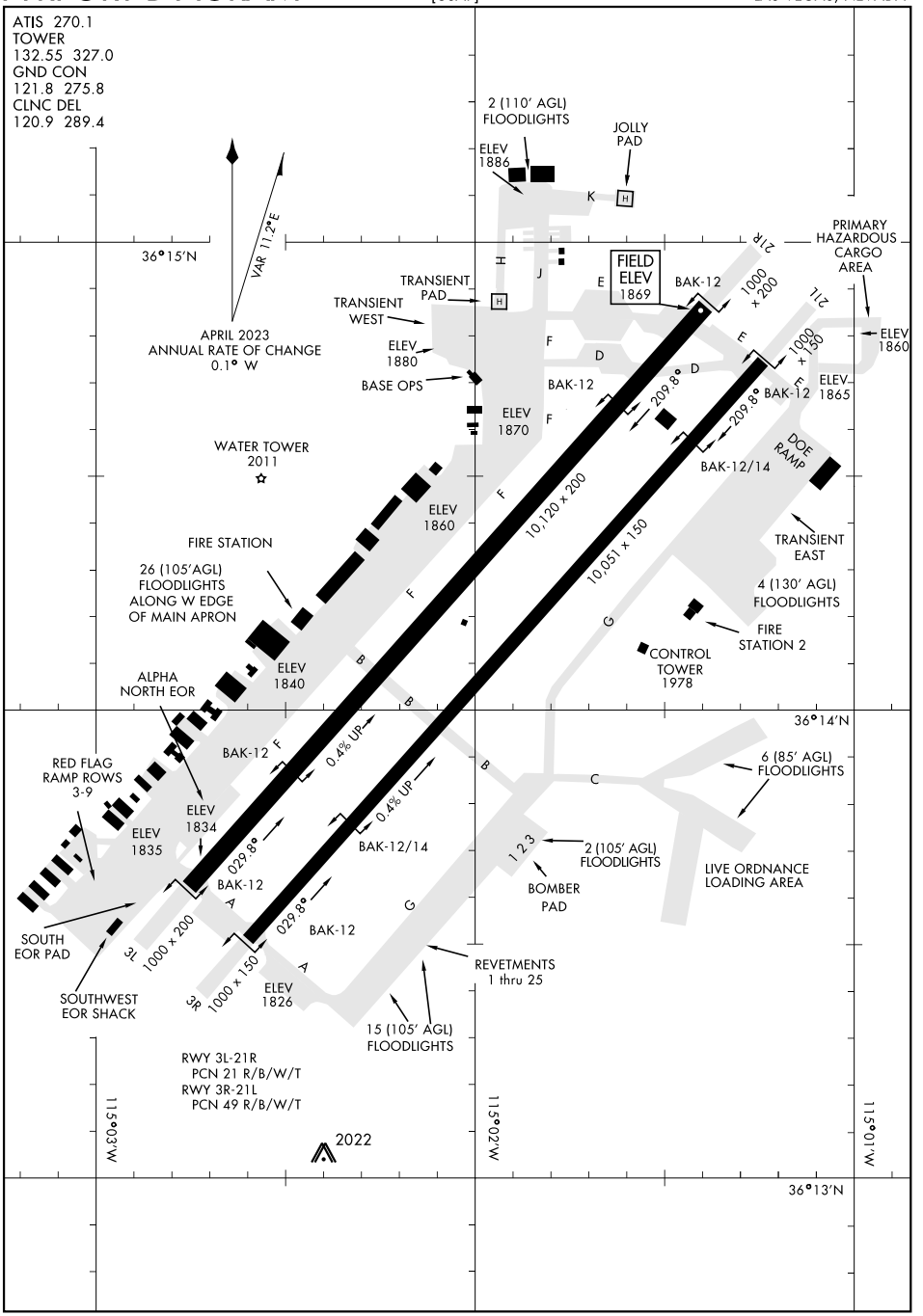
SIN CITY VISUAL RWY 03L/R

Expect RADAR vectors to HASIL (LSV TACAN R-277/12 DME) and report Northwest Las Vegas city outline in sight (ATC Clearance - "Cleared Sin City Visual Rwy 03 Approach") Cross HASIL at or above 6500, proceed visually via LSV R-277 and descend to cross ONDAE at 5000.

Based on traffic conditions, ATC may assign a different DME ond/or an altitude to maintain until estabilished visually on LSV R-277; pilots shall advise ATC if unable to comply with the revised clearance and any remaining published altitude restrictions. - example:"Cleared Sin City Visual Rwy 03 Approach via 10 DME, maintain (altitude) until estabilished inbound on LSV R-277".

Continue visual descent in right turn to join LSV TACAN 4 DME Arc until extended final Rwy 03. Make base turn to remin within 4 DME to protect against Las Vegas Approach airspace/traffic. Tower will assign either RWY 03 L/R.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



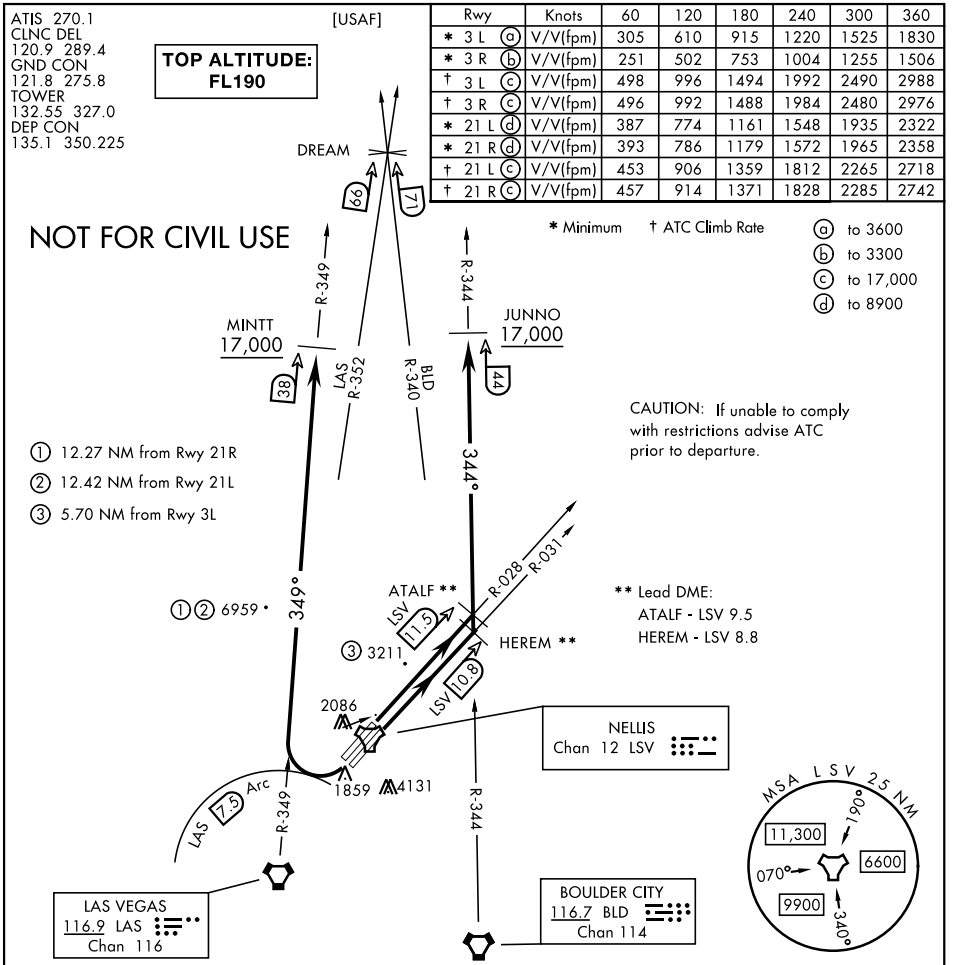
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

25163

NELLIS AFB (KLSV)

DREAM SEVEN DEPARTURE (DREAM7.DREAM)

LAS VEGAS, NEVADA



Rwy		Knots	60	120	180	240	300	360
* 3 L	a	V/V(fpm)	305	610	915	1220	1525	1830
* 3 R	b	V/V(fpm)	251	502	753	1004	1255	1506
† 3 L	c	V/V(fpm)	498	996	1494	1992	2490	2988
† 3 R	c	V/V(fpm)	496	992	1488	1984	2480	2976
* 21 L	d	V/V(fpm)	387	774	1161	1548	1935	2322
* 21 R	d	V/V(fpm)	393	786	1179	1572	1965	2358
† 21 L	c	V/V(fpm)	453	906	1359	1812	2265	2718
† 21 R	c	V/V(fpm)	457	914	1371	1828	2285	2742

* Minimum † ATC Climb Rate

a to 3600
b to 3300
c to 17,000
d to 8900

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L: Fly runway heading to intercept the LSV TACAN R-028 then direct ATALF, intercept the BLD VORTAC R-344 then direct JUNNO, cross JUNNO at or above 17,000, thence...

TAKEOFF RWY 3R: Fly runway heading to intercept the LSV TACAN R-031 then direct HEREM, intercept the BLD VORTAC R-344 then direct JUNNO, cross JUNNO at or above 17,000, thence...

TAKEOFF RWY 21L/R: Turn right to intercept LAS VORTAC R-349 outbound. Remain North of LAS 7.5 DME turning Northbound. Intercept LAS R-349 between 5000 and 6000, do not proceed West of LAS R-349. Cross MINTT at above 17,000, thence...

...maintain FL190, then via assigned route.

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SW-4, 03 SEP 2026 to 29 OCT 2026

FYTTR SEVEN DEPARTURE (FYTTR7.FYTTR)

ATIS
270.1
CLNC DEL
120.9 289.4
GND CON
121.8 275.8
TOWER
132.55 327.0
NELLIS CONTROL
119.35 254.4
DEP CON
135.1 350.225

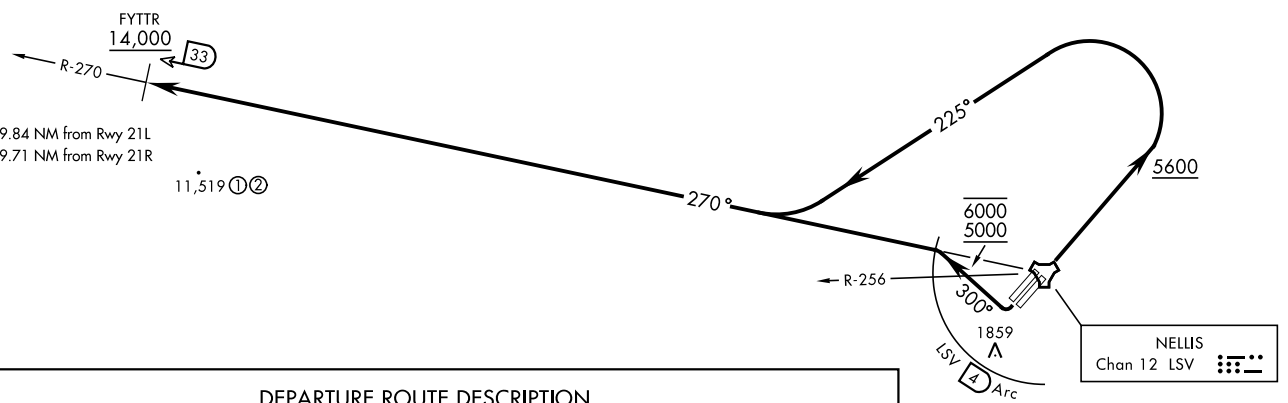
RADAR required

TOP ALTITUDE: FL200

Rwy	Knots	60	120	180	240	300	360
3L ⓐ	V/V(fpm)	372	744	1116	1488	1860	2232
3R ⓑ	V/V(fpm)	384	768	1152	1536	1920	2304
21L ⓒ	V/V(fpm)	392	784	1176	1568	1960	2352
21R ⓒ	V/V(fpm)	394	788	1182	1576	1970	2364

Minimum Climb Rate
ⓐ to 10,000
ⓑ to 10,400
ⓒ to 13,600

CAUTION: If unable to comply with restrictions advise ATC prior to departure.

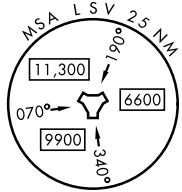


DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R: Fly runway heading until reaching 5600, then climbing left turn heading 225° to intercept LSV TACAN R-270 outbound. Cross FYTTR at or above 14,000, thence...

TAKEOFF RWY 21L/R: Turn right heading 300° to intercept LSV TACAN R-270, remain within LSV 4 DME until joining LSV R-270, cross LSV R-256 between 5000 and 6000. Cross FYTTR at or above 14,000, thence...

...maintain FL200 or as assigned by ATC, then via assigned route. Expect filed altitude 10 minutes after departure.

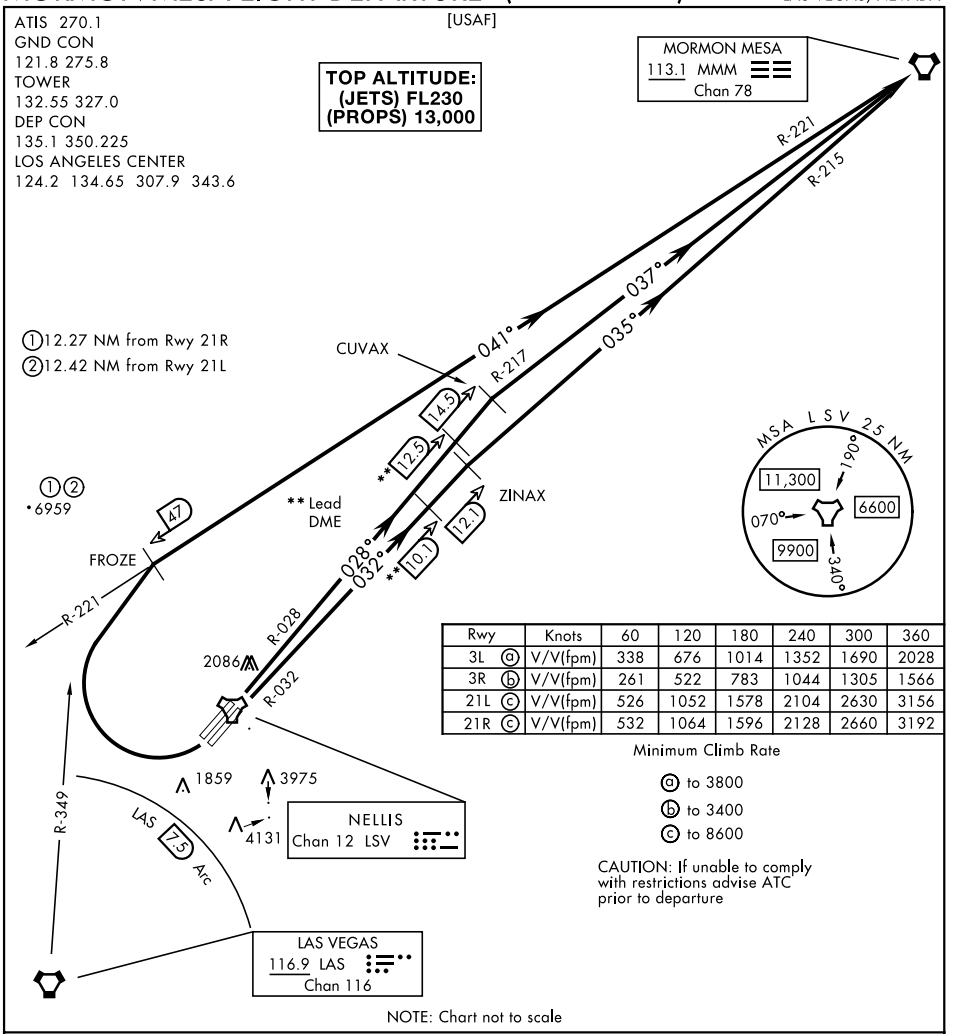


26246

NELLIS AFB (KLSV)

MORMON MESA EIGHT DEPARTURE (MMM8.MMM)

LAS VEGAS, NEVADA



Rwy	Knots	60	120	180	240	300	360
3L (a)	V/V(fpm)	338	676	1014	1352	1690	2028
3R (b)	V/V(fpm)	261	522	783	1044	1305	1566
21L (c)	V/V(fpm)	526	1052	1578	2104	2630	3156
21R (c)	V/V(fpm)	532	1064	1596	2128	2660	3192

Minimum Climb Rate

(a) to 3800

(b) to 3400

(c) to 8600

CAUTION: If unable to comply with restrictions advise ATC prior to departure

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L: Fly runway heading to intercept LSV TACAN R-028 then direct CUVAX, intercept the MMM VORTAC R-217 then direct MMM, thence...

TAKEOFF RWY 3R: Fly runway heading to intercept LSV TACAN R-032 then direct ZINAX, intercept the MMM VORTAC R-215 then direct MMM, thence...

TAKEOFF RWY 21L/R: Turn right to intercept MMM VORTAC R-221 prior to MMM 47 DME (FROZE), remain north of the LAS VORTAC 7.5 DME, remain East of LAS R-349, intercept MMM R-221 then direct MMM, thence...

...turbojets maintain FL230 (or requested altitude if lower), props maintain 13,000 (or requested altitude if lower), then via assigned route. Expect filed altitude 10 minutes after departure.

MORMON MESA EIGHT DEPARTURE (MMM8.MMM)

LAS VEGAS, NEVADA

NELLIS AFB (KLSV)

Amdt 8 12JUN25

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 17

NEPHI MUNI (U14)

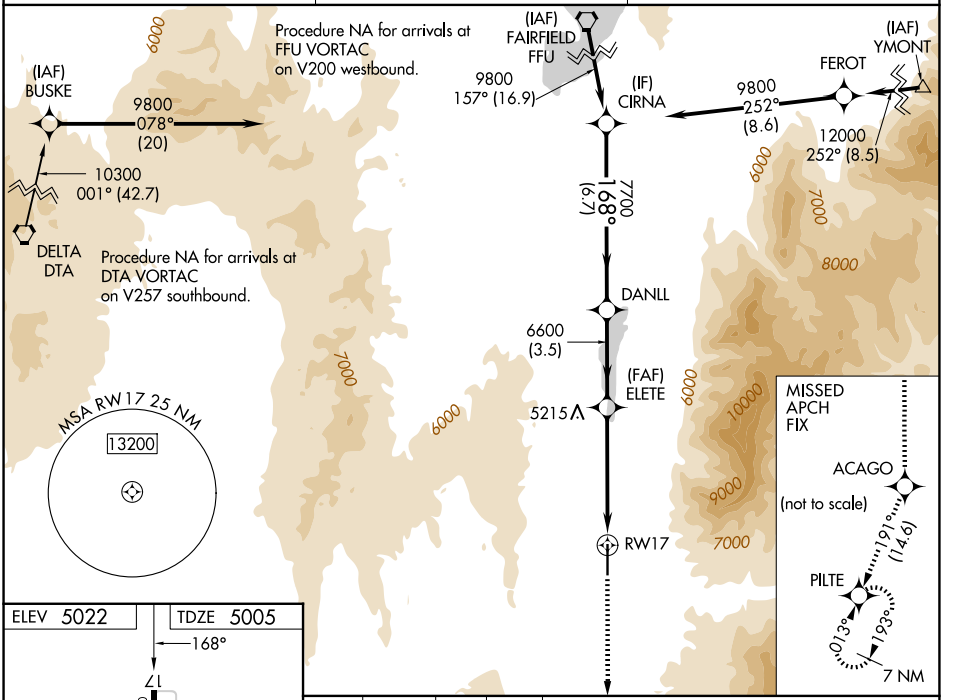
WAAS	APP CRS	Rwy Ldg	6300
CH 63221	168°	TDZE	5005
W17A		Apt Elev	5022

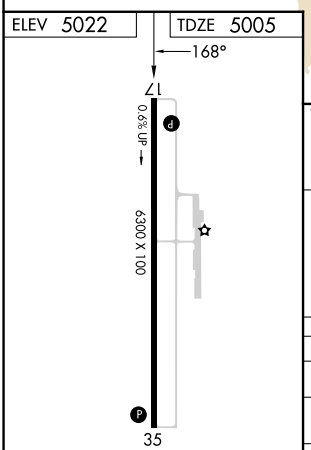
RNP APCH - GPS.

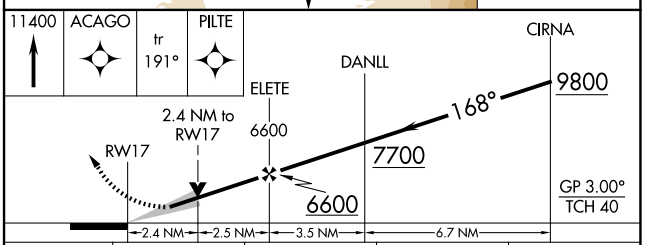
Baro-VNAV NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C or above 12°C. When local altimeter setting not received, use PVU altimeter setting: increase LPV DA to 5577 feet and visibility ½ SM; increase LNAV/VNAV DA to 5836 feet and visibility ½ SM; increase all MDAs 160 feet and LNAV and Circling Cats A/B visibilities ½ SM. VDP NA when using PVU altimeter setting.

MISSED APPROACH: Climb to 11400 direct ACAGO and on track 191° to PILTE and hold.

AWOS-3PT	SALT LAKE CENTER	UNICOM
118.275	127.825 239.025	123.075 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	5433-1½ 428 (500-1½)			
LNAV/VNAV DA	5692-2½ 687 (700-2½)			
LNAV MDA	5800-1 795 (800-1)	5800-1¼ 795 (800-1¼)	5800-2½ 795 (800-2½)	
CIRCLING	5800-1 778 (800-1)	5800-1¼ 778 (800-1¼)	NA	

MIRL Rwy 17-35 L
REIL Rwys 17 and 35 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

NEPHI, UTAH | AL-9496 (FAA) | 25331

RNAV (GPS) RWY 35

NEPHI MUNI (U14)

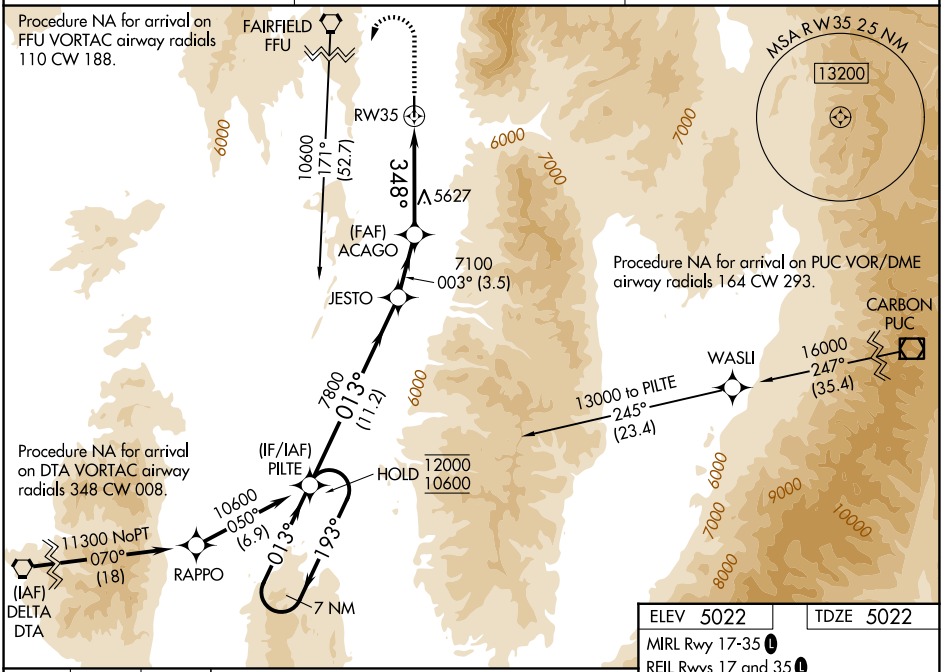
WAAS	APP CRS	Rwy Ldg	6300
CH 58221	348°	TDZE	5022
W35A		Apt Elev	5022

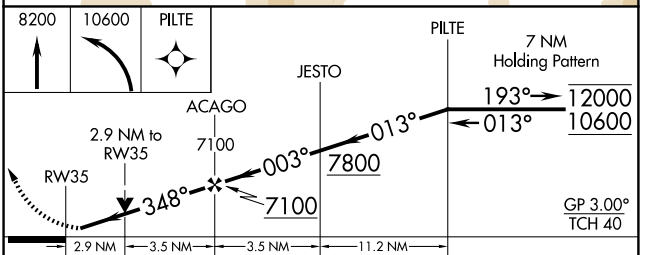
RNP APCH - GPS.

Rwy 35 helicopter visibility reduction below ¾ SM NA. Baro-VNAV NA. VDP NA when using PVU altimeter setting. When local altimeter setting not received, use PVU altimeter setting: increase LPV DA to 5416 feet and all visibilities ⅜ SM, increase LNAV/VNAV DA to 5756 feet and all visibilities ¼ SM; increase all MDAs 160 feet.

MISSED APPROACH: (Do not exceed 195K until PILTE) Climb to 8200 then climbing left turn to 10600 direct PILTE and hold.

AWOS-3PT	SALT LAKE CENTER	UNICOM
118.275	127.825 239.025	123.075 (CTAF) L



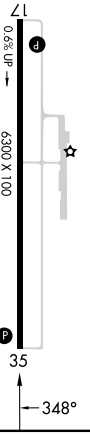


CATEGORY	A	B	C	D
LPV DA	5272-¾ 250 (300-¾)			
LNAV/VNAV DA	5612-1¾ 590 (600-1¾)			
LNAV MDA	5980-1¼ 958 (1000-1¼)	5980-1½ 958 (1000-1½)	5980-3 958 (1000-3)	
CIRCLING	5980-1¼ 958 (1000-1¼)	5980-1½ 958 (1000-1½)	NA	

ELEV 5022 | TDZE 5022

MIRL Rwy 17-35 L

REIL Rwys 17 and 35 L



NEPHI, UTAH
Amdt 1 27NOV25

39°44'N-111°52'W

NEPHI MUNI (U14)

RNAV (GPS) RWY 35

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CENTER
127.825 239.025

TAKEOFF OBSTACLE NOTES

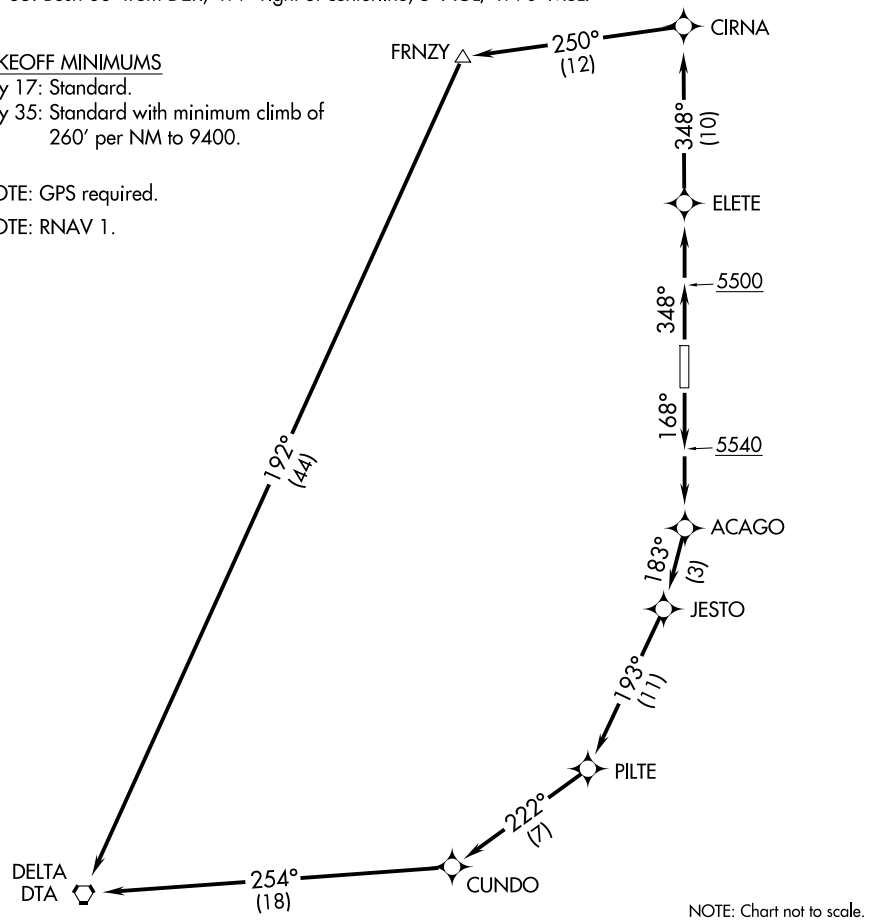
Rwy 17: Bush 11′ from DER, 101′ left of centerline, 4′ AGL/5024′ MSL.
Bush 92′ from DER, 509′ left of centerline, 5′ AGL/5025′ MSL.
Pole 1021′ from DER, 498′ right of centerline, 35′ AGL/5053′ MSL.
Pole 1223′ from DER, 202′ right of centerline, 35′ AGL/5058′ MSL.
Tree 2250′ from DER, 1009′ right of centerline, 85′ AGL/5099′ MSL.
Rwy 35: Bush 68′ from DER, 499′ right of centerline, 5′ AGL/4990′ MSL.

TAKEOFF MINIMUMS

Rwy 17: Standard.
Rwy 35: Standard with minimum climb of 260′ per NM to 9400.

NOTE: GPS required.

NOTE: RNAV 1.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb heading 168° to 5540, then direct ACAGO, thence. . . .

TAKEOFF RUNWAY 35: Climb heading 348° to 5500, then direct ELETE, thence. . . .

. . . .on depicted route to DTA VORTAC. Climb to 11000 or ATC assigned altitude.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

NOGALES, ARIZONA | AL-6151 (FAA) | 25163

APP CRS	Rwy Ldg	N/A
139°	TDZE	N/A
	Apt Elev	3955

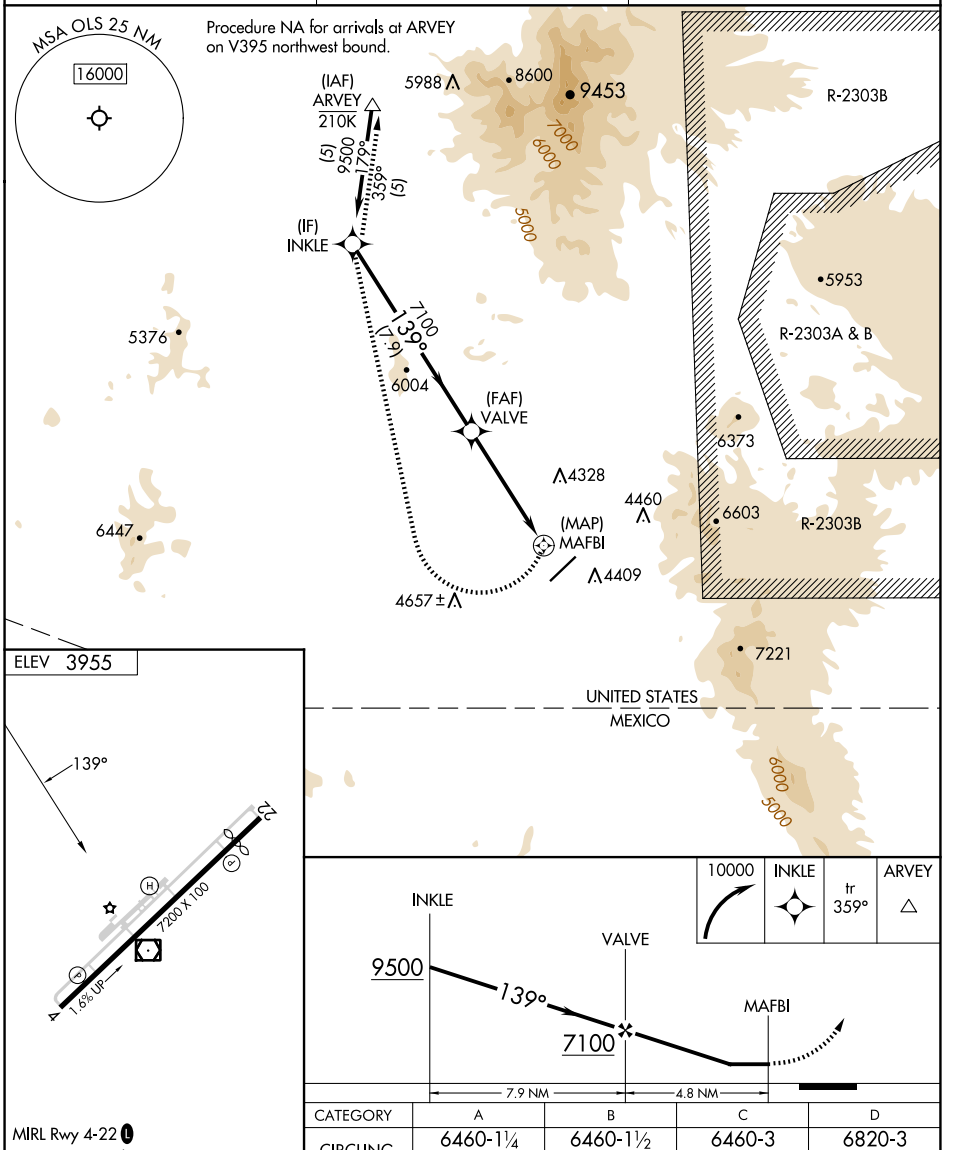
RNAV (GPS)-A
NOGALES INTL (OLS)

RNP APCH - GPS.

When local altimeter setting not received, procedure NA.

MISSED APPROACH: (Do not exceed 200K until INKLE) Climbing right turn to 10000 direct INKLE and on track 359° to ARVEY.

ASOS	TUCSON APP CON	UNICOM
121.125	118.75 269.55	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	6460-1¼ 2505 (2600-1¼)	6460-1½ 2505 (2600-1½)	6460-3 2505 (2600-3)	6820-3 2865 (2900-3)

MIRL Rwy 4-22 L
REIL Rwys 4 and 22

NOGALES, ARIZONA
Orig 21MAR24

31°25'N-110°51'W

NOGALES INTL (OLS)
RNAV (GPS)-A

SW-4, 03 SEP 2026 to 29 OCT 2026

VOR/DME OLS	APP CRS	Rwy Ldg	N/A
114.65	139°	TDZE	N/A
Chan 93 (Y)		Apt Elev	3955

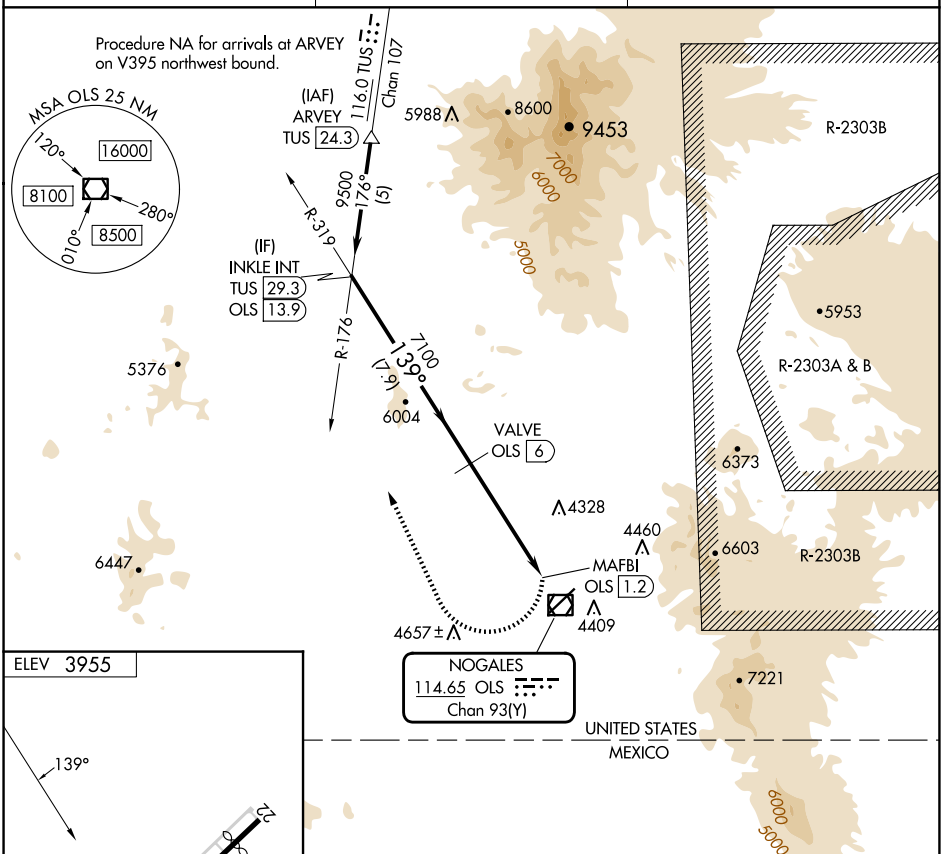
VOR-B
NOGALES INTL (OLS)

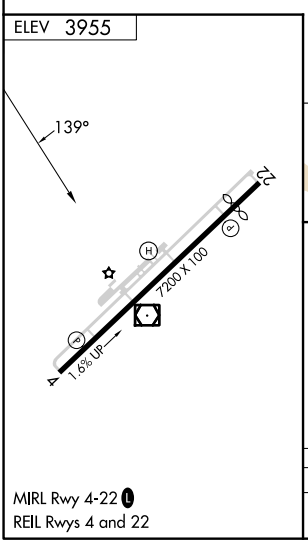
DME required.

When local altimeter setting not received, procedure NA.

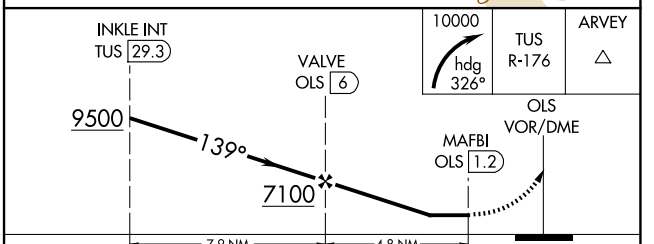
MISSED APPROACH: Climbing right turn to 10000 on heading 326° and TUS R-176 to ARVEY/TUS 24.3 DME.

ASOS	TUCSON APP CON	UNICOM
121.125	118.75 269.55	122.8 (CTAF) L





MIRL Rwy 4-22 L
REIL Rwys 4 and 22



CATEGORY	A	B	C	D
CIRCLING	6640-1¼ 2685 (2700-1¼)	6640-1½ 2685 (2700-1½)	6640-3 2685 (2700-3)	6820-3 2865 (2900-3)

SW-4, 03 SEP 2026 to 29 OCT 2026

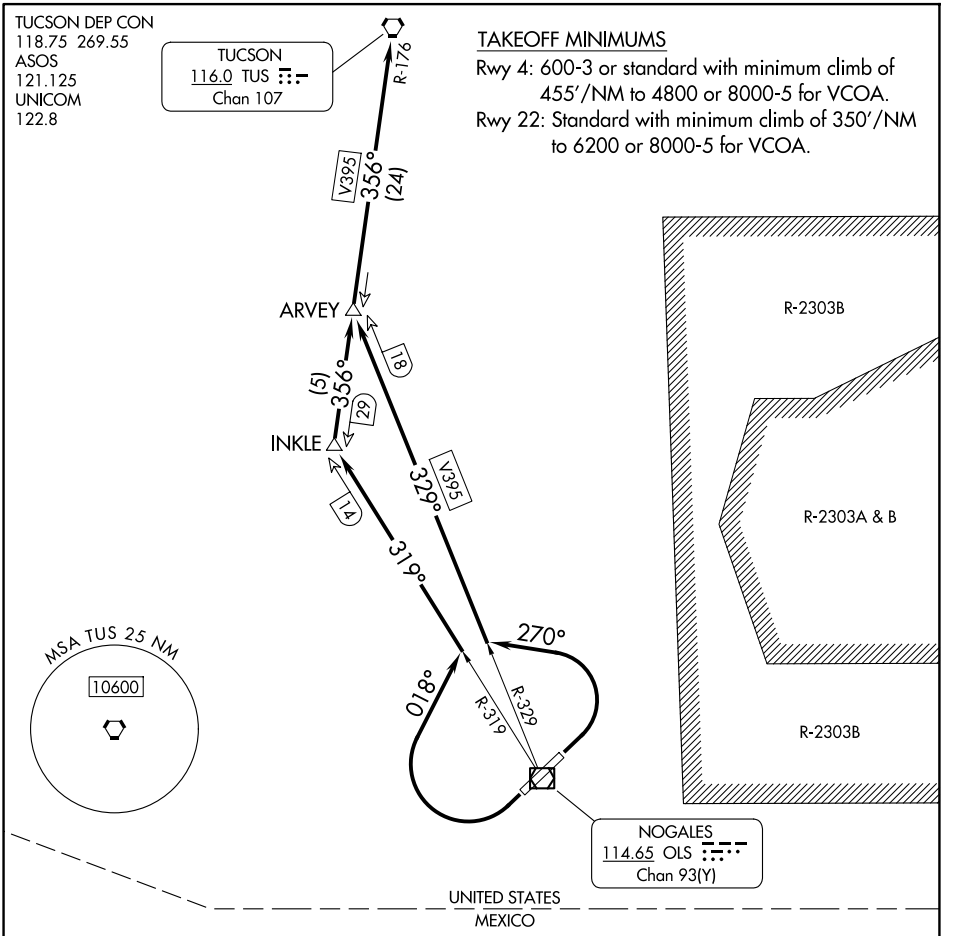
SW-4, 03 SEP 2026 to 29 OCT 2026

(OLS3.OLS) 24081

NOGALES THREE DEPARTURE (OBSTACLE)

AL-6151 (FAA)

NOGALES INTL (OLS)
NOGALES, ARIZONA



TAKEOFF MINIMUMS

Rwy 4: 600-3 or standard with minimum climb of 455'/NM to 4800 or 8000-5 for VCOA.

Rwy 22: Standard with minimum climb of 350'/NM to 6200 or 8000-5 for VCOA.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climbing left turn heading 270° to intercept OLS VOR/DME R-329 to ARVEY INT/OLS 18 DME, thence. . . .

TAKEOFF RUNWAY 22: Climbing right turn heading 018° to intercept OLS VOR/DME R-319 to INKLE INT/OLS 14 DME, to TUS R-176 to ARVEY INT/OLS 18 DME, thence. . . .

VCOA ALL RUNWAYS: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Nogales Intl Airport at or above 11800, Max 210K, before proceeding on course, thence. . . .

. . . .on TUS VORTAC R-176 to cross TUS VORTAC at or above MEA/MCA for assigned route of flight.

TAKEOFF OBSTACLE NOTES

Rwy 4: Tree 58' from DER, 455' left of centerline, 3963' MSL. Tree 80' from DER, 174' right of centerline, 6' AGL/3958' MSL. Trees beginning 97' from DER, 446' left of centerline, up to 15' AGL/3964' MSL. Tree 252' from DER, 43' right of centerline, 5' AGL/3962' MSL. Tree 261' from DER, 463' left of centerline, 3971' MSL. Trees beginning 308' from DER, 37' right of centerline, up to 6' AGL/ 3964' MSL. Trees, fence beginning 334' from DER, 136' left of centerline, up to 3987' MSL. Trees beginning 368' from DER, 64' right of centerline, up to 3991' MSL. Tree, terrain beginning 603' from DER, 546' right of centerline, up to 3993' MSL. Trees, fence, terrain beginning 659' from DER, 13' left of centerline, up to 3995' MSL. Trees, terrain, fence beginning 833' from DER, 50' right of centerline, up to 4010' MSL. Tree, terrain beginning 1179' from DER, 118' left of centerline, up to 5' AGL/ 3996' MSL. Trees, terrain beginning 1199' from DER, 97' right of centerline, up to 4036' MSL. Trees, terrain beginning 1241' from DER, 66' left of centerline, up to 4018' MSL. Tree, terrain beginning 1412' from DER, 90' right of centerline, up to 4043' MSL. Vehicles on road, terrain beginning 1624' from DER, 642' left of centerline, up to 4028' MSL. Terrain beginning 1637' from DER, 2' right of centerline, up to 4052' MSL. Trees, vehicles on road, terrain beginning 1688' from DER, 45' left of centerline, up to 4035' MSL. Terrain beginning 1825' from DER, 38' right of centerline, up to 4067' MSL. Pole, vehicles on road, trees beginning 1853' from DER, 475' left of centerline, up to 21' AGL/4043' MSL. Terrain 2033' from DER, 186' left of centerline, 4047' MSL. Trees, vehicles on road, terrain beginning 2041' from DER, 74' left of centerline, up to 7' AGL/4052' MSL. Terrain 2221' from DER, 269' left of centerline, 4055' MSL. Trees, vehicles on road, terrain beginning 2253' from DER, 170' left of centerline, up to 18' AGL/4080' MSL. Terrain beginning 2354' from DER, 20' right of centerline, up to 4068' MSL. Trees, vegetation vehicles on road, pole, terrain beginning 2491' from DER, 55' left of centerline, up to 14' AGL/4093' MSL. Terrain beginning 2539' from DER, 125' right of centerline, up to 4087' MSL. Vehicles on road 2657' from DER, 32' left of centerline, 15' AGL/ 4095' MSL. Vehicles on road, trees, terrain beginning 2672' from DER, 6' left of centerline, up to 15' AGL/4096' MSL. Vehicles on road, terrain beginning 2688' from DER, 2' right of centerline, up to 15' AGL/4096' MSL. Terrain, vehicles on road beginning 2768' from DER, 98' right of centerline, up to 4112' MSL. Vehicles on road 2987' from DER, 530' right of centerline, 4117' MSL. Vehicles on road 2995' from DER, 635' right of centerline, 4121' MSL. Vehicles on road, terrain beginning 3009' from DER, 489' right of centerline, up to 4123' MSL. Vehicles on road, terrain beginning 3351' from DER, 12' right of centerline, up to 4130' MSL. Vehicles on road, terrain beginning 3449' from DER, 633' right of centerline, up to 4143' MSL. Vehicles on road 3499' from DER, 1364' right of centerline, 4149' MSL. Vehicles on road, terrain, vegetation beginning 3570' from DER, 101' right of centerline, up to 4155' MSL. Terrain beginning 3581' from DER, 42' left of centerline, up to 4112' MSL. Terrain beginning 4127' from DER, 627' right of centerline, up to 4156' MSL. Tree, terrain beginning 4143' from DER, 768' right of centerline, up to 4180' MSL. Trees, terrain beginning 4262' from DER, 426' right of centerline, up to 4184' MSL. Tree, terrain beginning 4495' from DER, 709' right of centerline, up to 4210' MSL. Terrain beginning 4627' from DER, 1171' right of centerline, up to 4217' MSL. Trees, terrain beginning 4737' from DER, 216' right of centerline, up to 4223' MSL. Tree, terrain beginning 5806' from DER, 343' right of centerline, up to 4241' MSL. Trees, terrain beginning 5953' from DER, 409' right of centerline, up to 4254' MSL. Trees, terrain beginning 1 NM from DER, 58' right of centerline, up to 4256' MSL. Tree, terrain beginning 1 NM from DER, 1260' left of centerline, up to 4136' MSL. Trees, terrain beginning 1.1 NM from DER, 433' left of centerline, up to 4151' MSL. Trees, pole, terrain beginning 1.2 NM from DER, 75' left of centerline, up to 16' AGL/4221' MSL. Trees, vegetation, terrain beginning 1.3 NM from DER, 84' left of centerline, up to 4254' MSL. Trees, terrain beginning 1.4 NM from DER, 25' left of centerline, up to 11' AGL/4283' MSL. Tree, terrain beginning 1.4 from DER, 140' right of centerline, up to 4326' MSL. Tree, terrain beginning 1.5 NM from DER, 79' right of centerline, up to 11' AGL/4327' MSL. Tree, terrain beginning 1.7 NM from DER, 639' right of centerline, up to 4345' MSL. Tree, terrain beginning 1.8 NM from DER, 172' right of centerline, up to 4367' MSL. Tree, terrain beginning 1.9 NM from DER, 628' right of centerline, up to 4384' MSL. Terrain, vehicles on road, trees beginning 2 NM from DER, 935' right of centerline, up to 4406' MSL. Terrain 2.1 NM from DER, 616' left of centerline, 4299' MSL. Terrain, vehicles on road, trees beginning 2.2 NM from DER, 1859' right of centerline, 234' left of centerline, up to 4451' MSL. Terrain, trees, vehicles on road, beginning 2.3 NM from DER, 835' right of centerline, up to 14' AGL/4535' MSL.

Rwy 22: Tree 3' from DER, 445' left of centerline, 3847' MSL. Tree 19' from DER, 141' left of centerline, 10' AGL/3848' MSL. Tree 29' from DER, 339' left of centerline, 3849' MSL. Tree, vegetation beginning 45' from DER, 201' left of centerline, up to 17' AGL/3851' MSL. Tree 48' from DER, 504' right of centerline, 3845' MSL. Tree, vegetation beginning 112' from DER, 49' right of centerline, up to 24' AGL/3854' MSL. Vehicles on road, tree beginning 2 NM from DER, 3648' left of centerline, up to 15' AGL/4208' MSL. Tree 2.3 NM from DER, 3969' left of centerline, 11' AGL/4219' MSL.

SW-4, 03 SEP 2026 to 29 OCT 2026

OGDEN, UTAH | AL-297 (FAA) | 26218

ILS or LOC RWY 3

OGDEN-HINCKLEY (OGD)

LOC/DME I-OGD	APP CRS	Rwy Ldg	7253
111.7 Chan 54	034°	TDZE	4473
		Apt Elev	4473

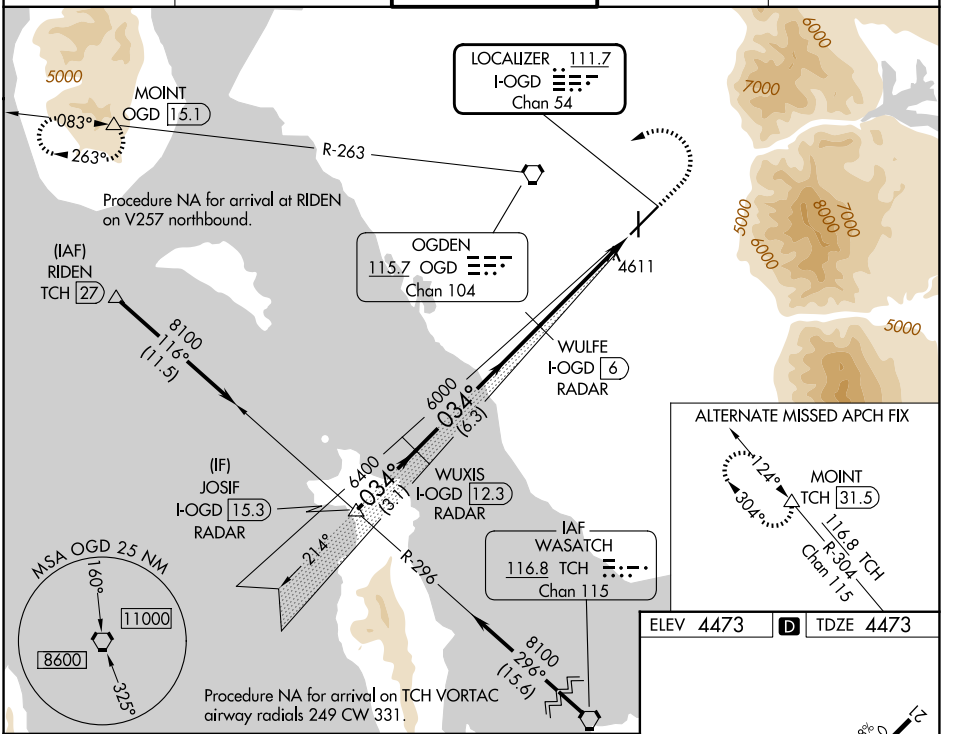
DME required.

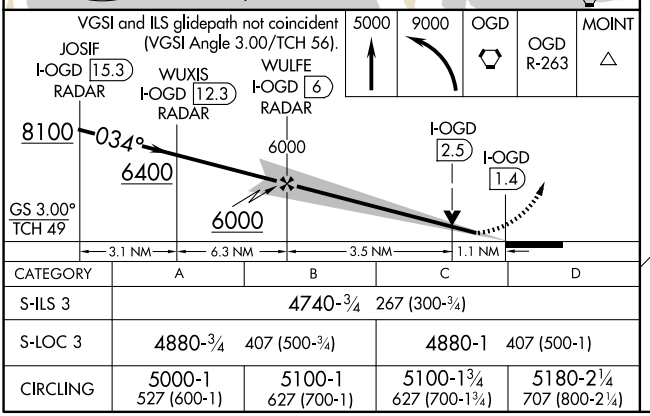
Rwy 3 helicopter visibility reduction below ¾ SM NA. For inop ALS, increase S-ILS 3 all Cats visibility to ⅞ SM and S-LOC 3 Cat C/D visibility to 1⅛ SM. Circling NA for Cats C and D southeast of Rwy 21 and east of Rwy 35.

MALS

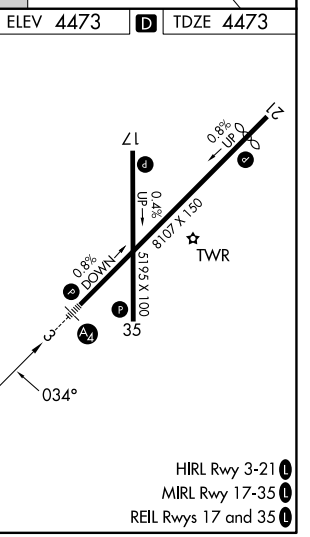
MISSED APPROACH: Climb to 5000 then climbing left turn to 9000 direct OGD VORTAC and on OGD VORTAC R-263 to MOINT/OGD 15.1 DME and hold, continue climb-in-hold to 9000.

ATIS	SALT LAKE CITY APP CON	OGDEN TOWER★	GND CON	UNICOM
125.55	121.1	118.7 (CTAF) L 253.5	121.7	122.95





CATEGORY	A	B	C	D
S-ILS 3	4740-¾ 267 (300-¾)			
S-LOC 3	4880-¾ 407 (500-¾)		4880-1 407 (500-1)	
CIRCLING	5000-1 527 (600-1)	5100-1 627 (700-1)	5100-1¾ 627 (700-1¾)	5180-2¼ 707 (800-2¼)



OGDEN, UTAH
Amdt 6 06AUG26

41°12′N-112°01′W

OGDEN-HINCKLEY (OGD)
ILS or LOC RWY 3

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 3

OGDEN-HINCKLEY (OGD)

WAAS CH 65620 W03A	APP CRS 034°	Rwy Ldg 7253 TDZE 4473 Apt Elev 4473

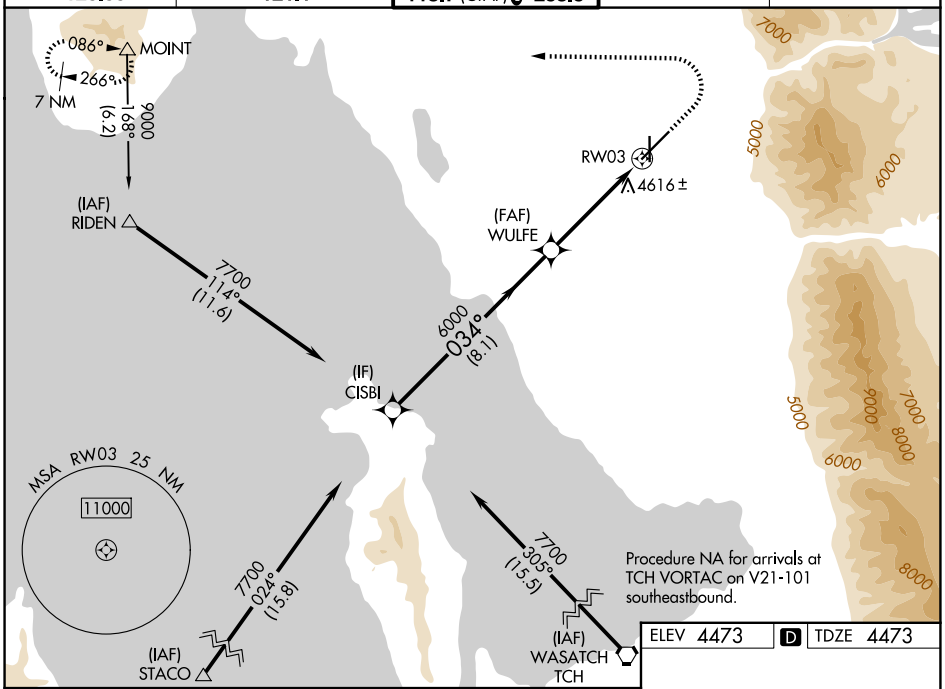
RNP APCH - GPS.

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C or above 54°C. Rwy 3 helicopter visibility reduction below ¾ SM NA. Circling NA for Cats C and D southeast of Rwy 21 and east of Rwy 35. For inop ALS, increase LPV all Cats visibility to ⅞ SM, increase LNAV/VNAV all Cats and LNAV Cat C/D visibility to 1⅛ SM.

MALS A2

MISSED APPROACH: Climb to 5000 then climbing left turn to 9000 direct MOINT and hold, continue climb-in-hold to 9000.

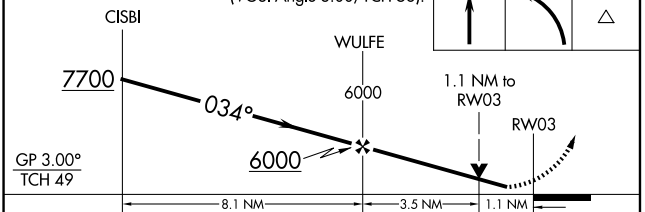
ATIS	SALT LAKE CITY APP CON	OGDEN TOWER★	GND CON	UNICOM
125.55	121.1	118.7 (CTAF) L 253.5	121.7	122.95



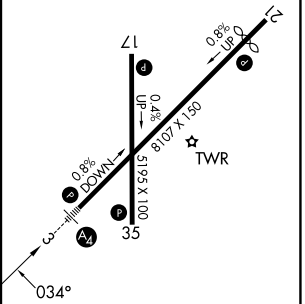
ELEV 4473 D TDZE 4473

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 56).

5000 9000 MOINT



CATEGORY	A	B	C	D
LPV DA	4741-¾ 268 (300-¾)			
LNAV/VNAV DA	4880-1 407 (500-1)			
LNAV MDA	4880-¾ 407 (500-¾)		4880-1 407 (500-1)	
CIRCLING	5000-1 527 (600-1)	5100-1 627 (700-1)	5100-1¾ 627 (700-1¾)	5180-2¼ 707 (800-2¼)



HIRL Rwy 3-21 L
MIRL Rwy 17-35 L
REIL Rwys 17 and 35 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VORTAC OGD 115.7 Chan 104	APP CRS 101°	Rwy Ldg N/A TDZE N/A Apt Elev 4473

VOR-A

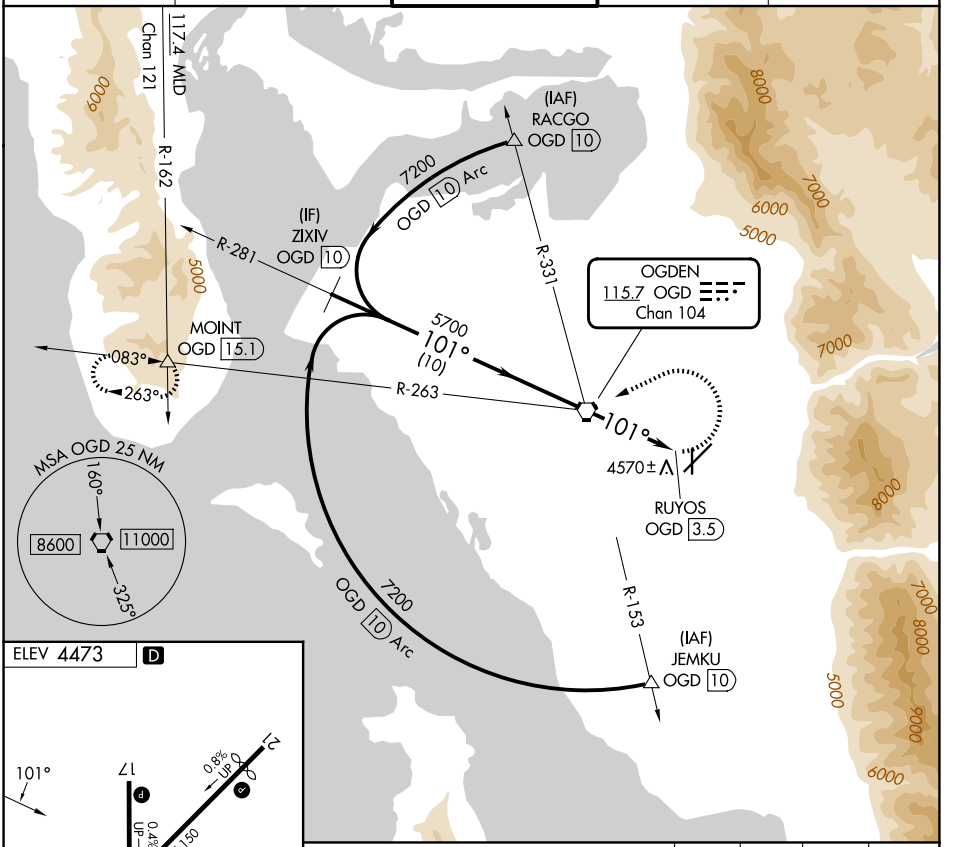
OGDEN-HINCKLEY (OGD)

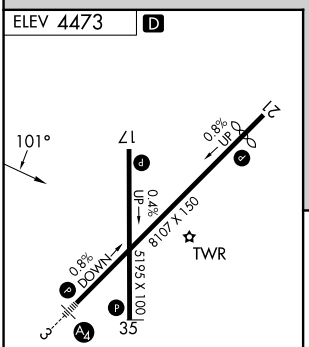
DME or RADAR required for procedure entry.

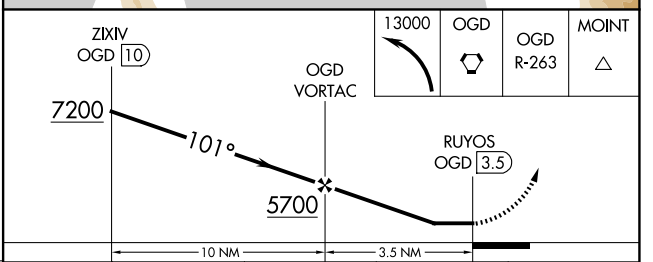
Circling NA for Cat C/D southeast of Rwy 21 and east of Rwy 35.

MISSED APPROACH: Climbing left turn to 13000 direct OGD VORTAC and on OGD VORTAC R-263 to MOINT INT/15.1 DME and hold, continue climb-in-hold to 13000.

ATIS	SALT LAKE CITY APP CON	OGDEN TOWER★	GND CON	UNICOM
125.55	121.1	118.7 (CTAF) L 253.5	121.7	122.95



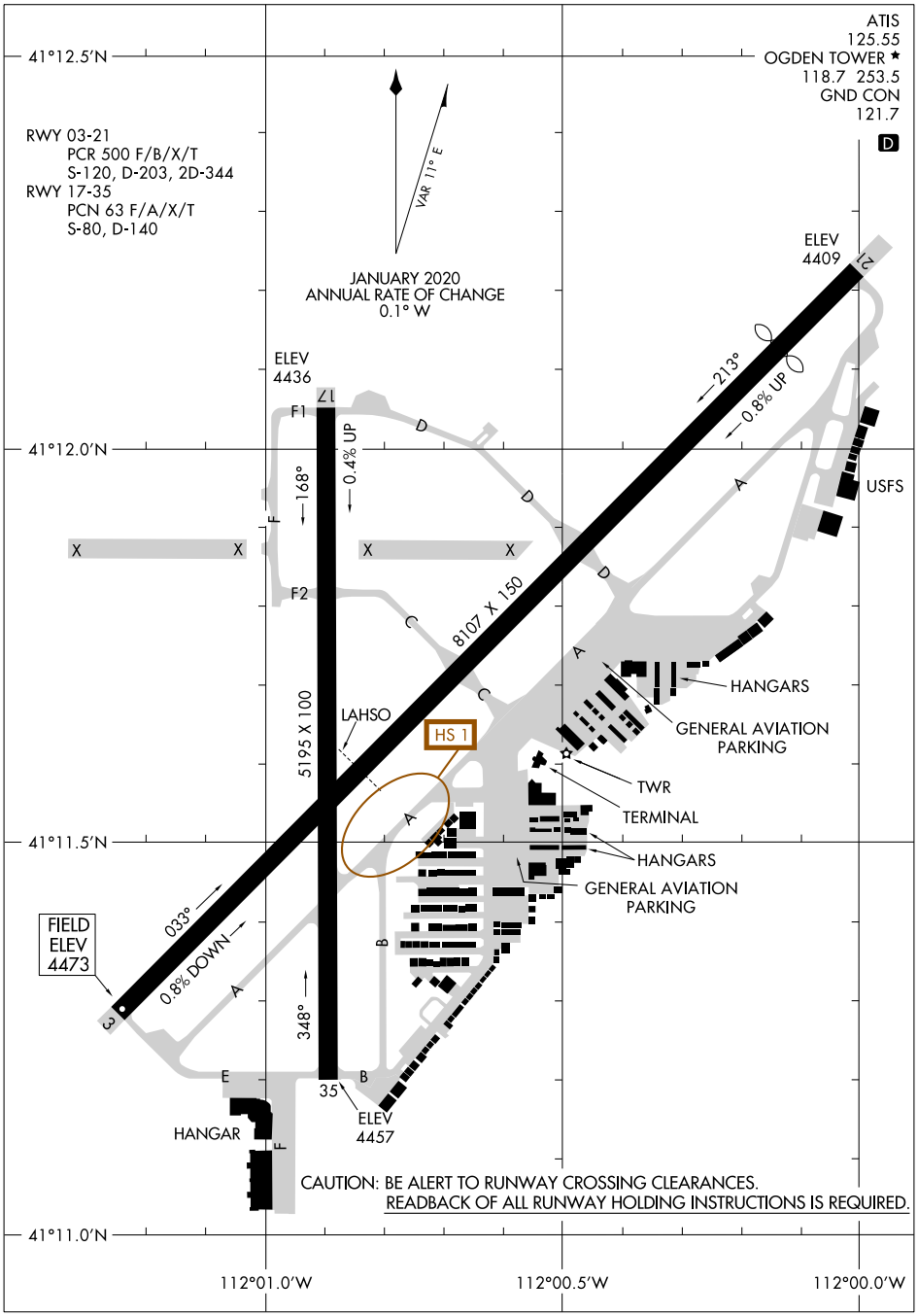




FAF to MAP 3.5 NM					
Knots	60	90	120	150	180
Min:Sec	3:30	2:20	1:45	1:24	1:10

CATEGORY	A	B	C	D
CIRCLING	5000-1 527 (600-1)	5100-1 627 (700-1)	5100-1¾ 627 (700-1¾)	5180-2¼ 707 (800-2¼)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026

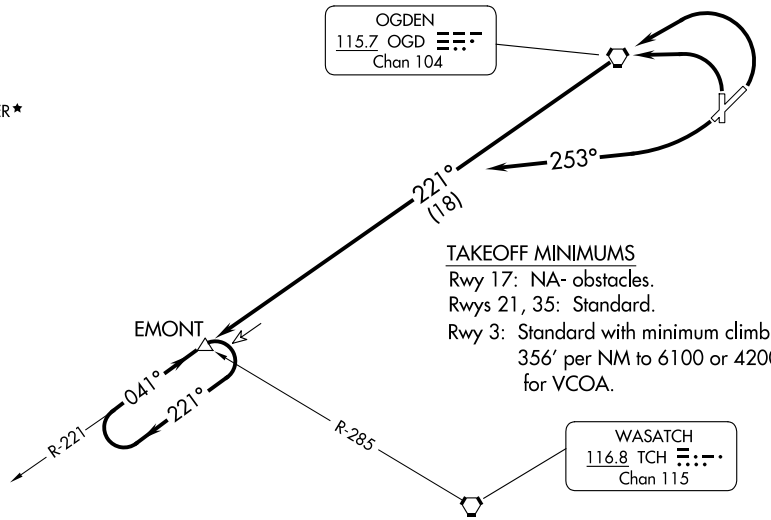
(EMONT3.EMONT) 23334

EMONT THREE DEPARTURE (OBSTACLE)

AL-297 (FAA)

OGDEN-HINCKLEY (OGD)
OGDEN, UTAH

SALT LAKE CITY DEP CON
121.1
ATIS
125.55
GND CON
121.7
OGDEN TOWER★
118.7 253.5



TAKEOFF MINIMUMS

Rwy 17: NA- obstacles.
Rwys 21, 35: Standard.
Rwy 3: Standard with minimum climb of 356′ per NM to 6100 or 4200-3 for VCOA.

TAKEOFF OBSTACLE NOTES

Rwy 3: Navaid, vehicle on road beginning 195′ from DER, 267′ right of centerline, up to 17′ AGL/4426′ MSL.
Pole 241′ from DER, 535′ left of centerline, 39′ AGL/4447′ MSL.
Pole 348′ from DER, 582′ right of centerline, 41′AGL/4451 MSL.
Trees, building beginning 375′ from DER, 62′ left of centerline, up to 4451′ MSL.
Tree, pole beginning 430′ from DER, 502′ right of centerline, up to 4455′ MSL.
Rwy 21: Tree 702′ from DER, 649′ left of centerline, 4492′ MSL.
Tree 1133′ from DER, 701′ left of centerline, 4513′ MSL.
Trees, building, pole beginning 2074′ from DER, 792′ left of centerline, up to 4570′ MSL.
Tree 3429′ from DER, 421′ right of centerline, 4561′ MSL.
Rwy 35: Tree 209′ from DER, 185′ left of centerline, 4446′ MSL.
Tree 243′ from DER, 233′ left of centerline, 4447′ MSL.
Trees beginning 292′ from DER, 87′ right of centerline, up to 4454′ MSL.
Tree 686′ from DER, 397′ right of centerline, 4479′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn direct OGD VORTAC then on OGD R-221 to EMONT INT/OGD 18 DME, thence. . . .

VCOA RUNWAY 3: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross OGD VORTAC southwest bound at or above 8500, then on OGD R-221 to EMONT, thence. . . .

TAKEOFF RUNWAY 21: Climbing right turn heading 253° to intercept OGD R-221 to EMONT INT/OGD 18 DME, thence. . . .

TAKEOFF RUNWAY 35: Climbing left turn direct OGD VORTAC then on OGD R-221 to EMONT INT/OGD 18 DME, thence. . . .

. . . .Climb in EMONT INT holding pattern to MEA for assigned route of flight.

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 5

OWYHEE (1ØU)

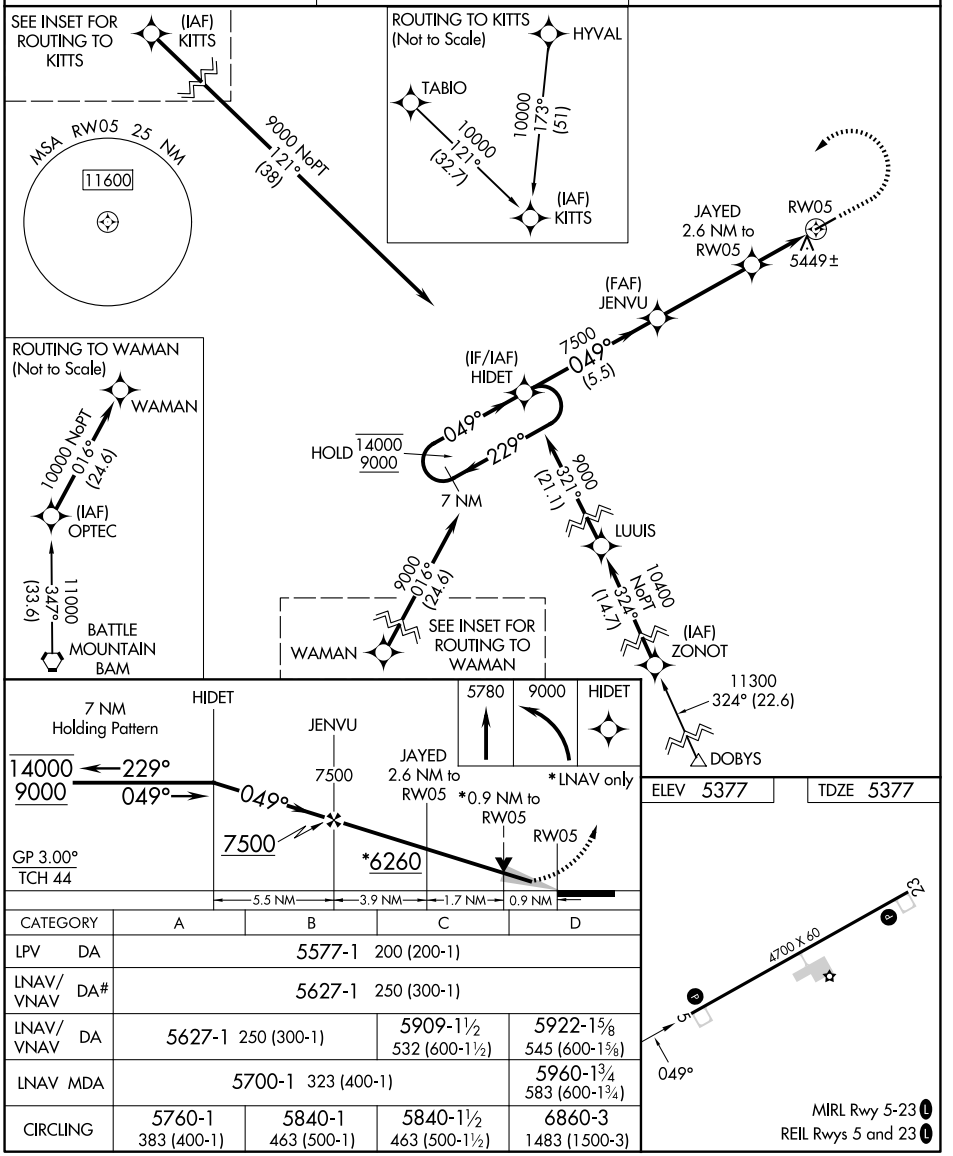
WAAS	APP CRS	Rwy Ldg	4700
CH 56643	049°	TDZE	5377
W05A		Apt Elev	5377

RNP APCH.

Circling Cats C/D NA southeast of Rwy 5-23.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 54°C.

MISSED APPROACH: Climb to 5780 then climbing left turn to 9000 direct HIDET and hold, continue climb-in-hold to 9000.
#Missed approach requires minimum climb of 250 feet per NM to 6500.

AWOS-3PT	SALT LAKE CENTER	CTAF
118.525	118.05 363.0	122.9 L



CATEGORY	A	B	C	D
LPV DA	5577-1 200 (200-1)			
LNAV/VNAV DA#	5627-1 250 (300-1)			
LNAV/VNAV DA	5627-1 250 (300-1)		5909-1½ 532 (600-1½)	5922-1⅝ 545 (600-1⅝)
LNAV MDA	5700-1 323 (400-1)			5960-1¾ 583 (600-1¾)
CIRCLING	5760-1 383 (400-1)	5840-1 463 (500-1)	5840-1½ 463 (500-1½)	6860-3 1483 (1500-3)

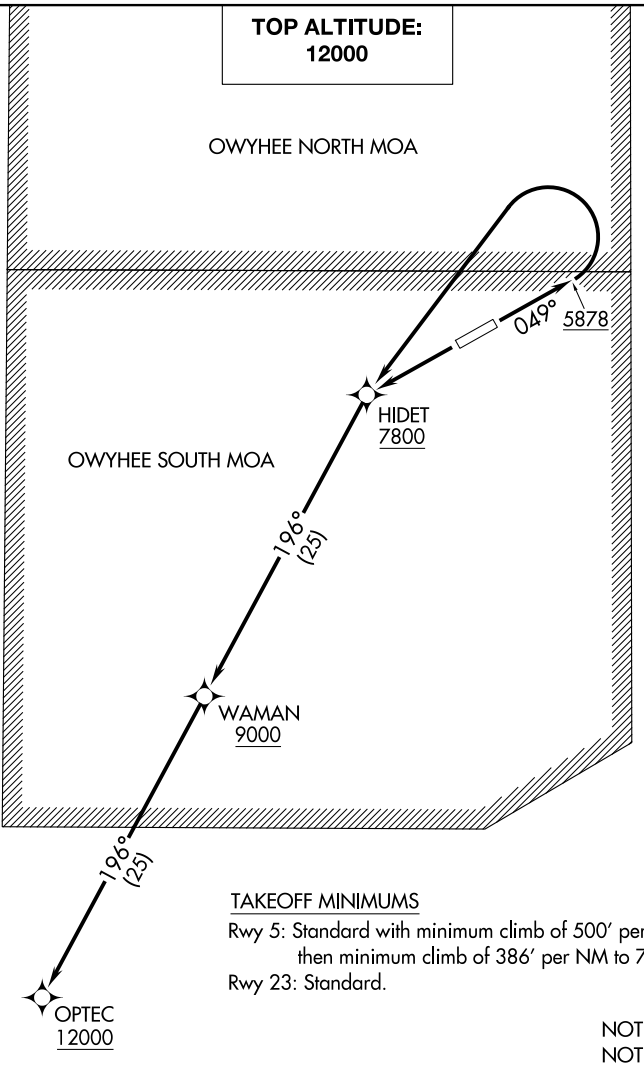
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(OPTEC1.OPTEC) 23110

OPTEC ONE DEPARTURE (RNAV)

AL-9858 (FAA)

OWYHEE (1ØU)
OWYHEE, NEVADA



TAKEOFF MINIMUMS

Rwy 5: Standard with minimum climb of 500′ per NM to 5878, then minimum climb of 386′ per NM to 7500.
Rwy 23: Standard.

NOTE: GPS required.
NOTE: RNAV 1.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 049° to 5878, then climbing left turn direct HIDET, cross HIDET at or above 7800, thence. . . .
TAKEOFF RUNWAY 23: Climb direct HIDET, cross HIDET at or above 7800, thence. . . .

. . . .climbing left turn on track 196° to cross WAMAN at or above 9000, then climb on track 196° to cross OPTEC at or above 12000.

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH 45604 W15A	APP CRS 156°	Rwy Ldg 5950 TDZE 4264 Apt Elev 4317

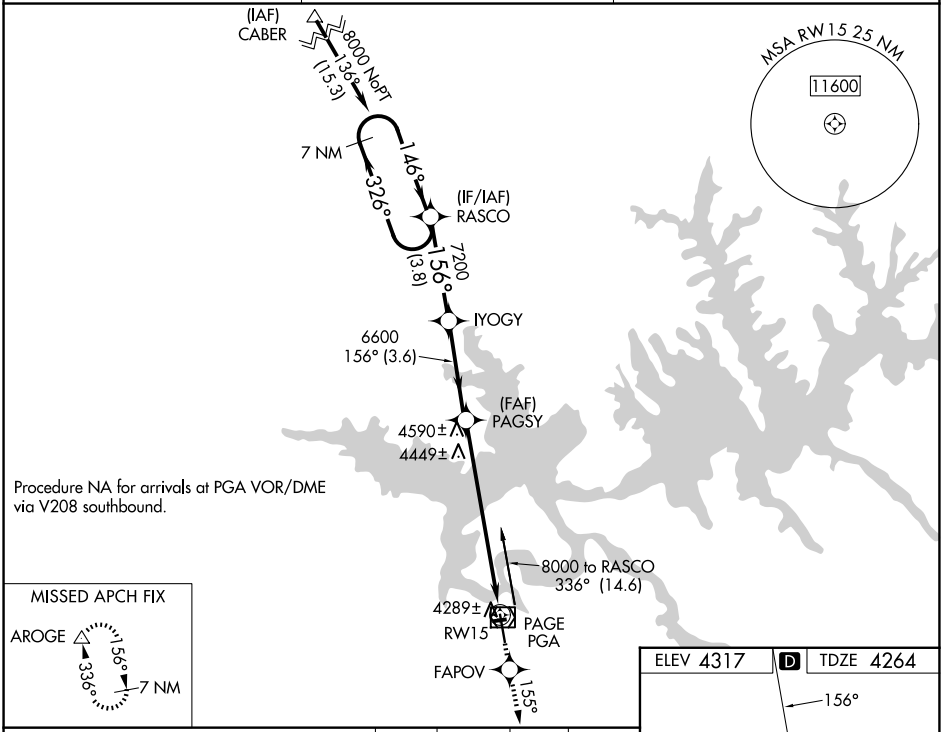
RNAV (GPS) RWY 15

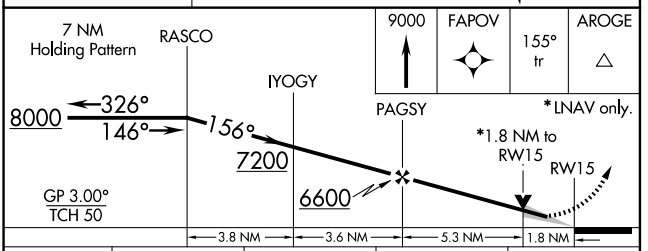
PAGE MUNI (PGA)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (-9°F) or above 41°C (105° F). DME/DME RNP-0.3 NA. Circling NA to Rwy 7-25

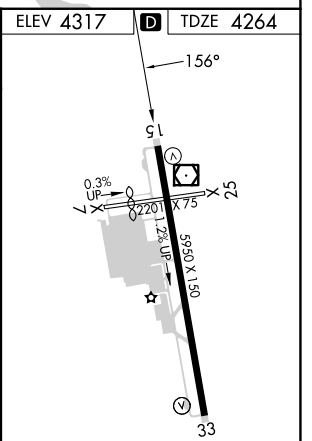
MISSED APPROACH: Climb to 9000 direct FAPOV and via 155° track to AROGE and hold, continue climb-in-hold to 9000.

ASOS	DENVER CENTER	UNICOM
120.625	127.55 256.875	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	4599-1¼ 335 (300-1¼)			
LNAV/VNAV DA	4670-1½ 406 (400-1½)			
LNAV MDA	4860-1 596 (600-1)		4860-1½ 596 (600-1½)	4860-1¾ 596 (600-1¾)
CIRCLING	4860-1 543 (600-1)	4880-1 563 (600-1)	5080-2¼ 763 (800-2¼)	5360-3 1043 (1100-3)



REIL Rwys 15 and 33 L
MIRL Rwy 15-33 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 33

PAGE MUNI (PGA)

WAAS	APP CRS	Rwy Ldg	5950
CH 69204	336°	TDZE	4316
W33A		Apt Elev	4317

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (-9°F) or above 41°C (105°F). DME/DME RNP-0.3 NA. Circling NA to Rwy 7-25.

MISSED APPROACH: Climb to 8500 direct BIGNE and via 325° track to ACOSI and hold, continue climb-in-hold to 8500.

ASOS	DENVER CENTER	UNICOM
120.625	127.55 256.875	122.8 (CTAF) L

MISSED APCH FIX

7 NM 148° 328° ACOSI

325° BIGNE

4494 RW33

4669± 4689± AYAVA 2.9 NM to RW33

5094 JATKA 4.5 NM to RW33

5593± (FAF) CADRI

336° 6900 (4.1)

DIBEY

336° 7500 (5.1)

(IF) EKAME

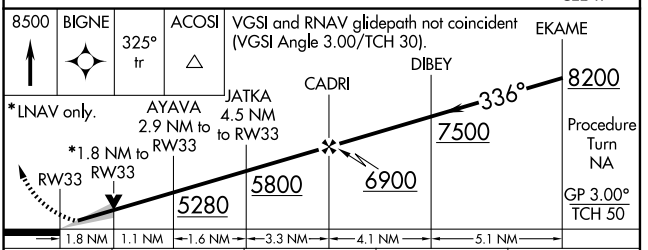
8200 334° (4) (IAF) CELAY

(IAF) KLIFF 8200 080° (12.8)

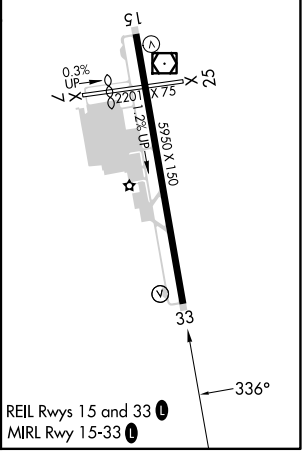
MSA RW33 25 NM 11600

ELEV 4317 D TDZE 4316

Procedure NA for arrivals at CELAY via V208 southbound.



CATEGORY	A	B	C	D
LPV DA	4566-1 250 (300-1)			
LNAV/VNAV DA	4744-1½ 428 (500-1½)			
LNAV MDA	4920-1 604 (700-1)		4920-1¾ 604 (700-1¾)	4920-2 604 (700-2)
CIRCLING	4920-1 603 (700-1)		5080-2¼ 763 (800-2¼)	5360-3 1043 (1100-3)



REIL Rwys 15 and 33 L

MIRL Rwy 15-33 L

36°56′N-111°27′W

SW-4, 03 SEP 2026 to 29 OCT 2026

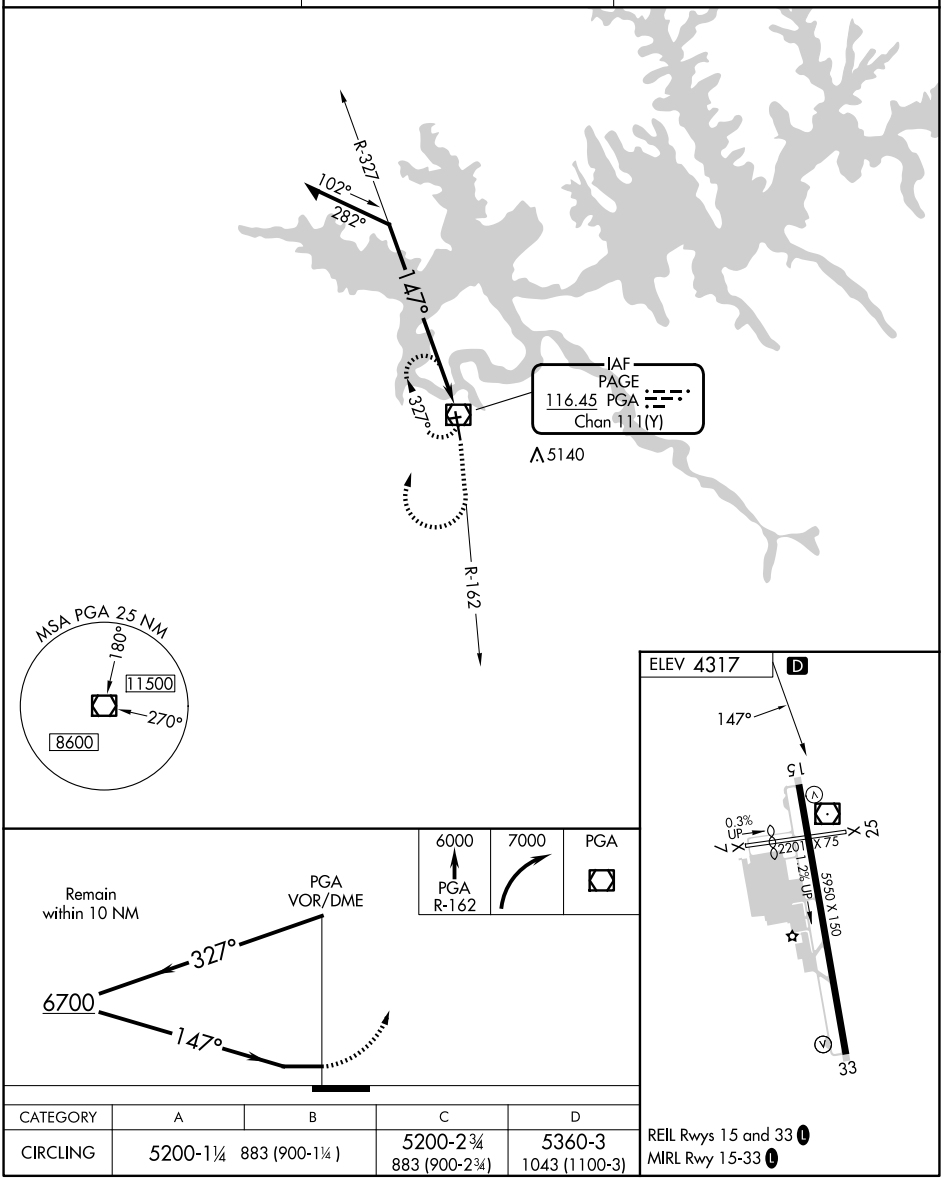
VOR/DME PGA	APP CRS	Rwy Ldg	N/A
116.45	147°	TDZE	N/A
Chan 111(Y)		Apt Elev	4317

VOR-B
PAGE MUNI (PGA)

T
A NA Circling NA to Rwy 7-25.

MISSED APPROACH: Climb on the PGA R-162 to 6000, then climbing right turn to 7000 direct PGA VOR/DME and hold.

ASOS	DENVER CENTER	UNICOM
120.625	127.55 256.875	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	5200-1¼	883 (900-1¼)	5200-2¾ 883 (900-2¾)	5360-3 1043 (1100-3)

REIL Rwys 15 and 33 L
MIRL Rwy 15-33 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PANGUITCH, UTAH

AL-9439 (FAA)

25219

RNAV (GPS) RWY 18

PANGUITCH MUNI (U55)

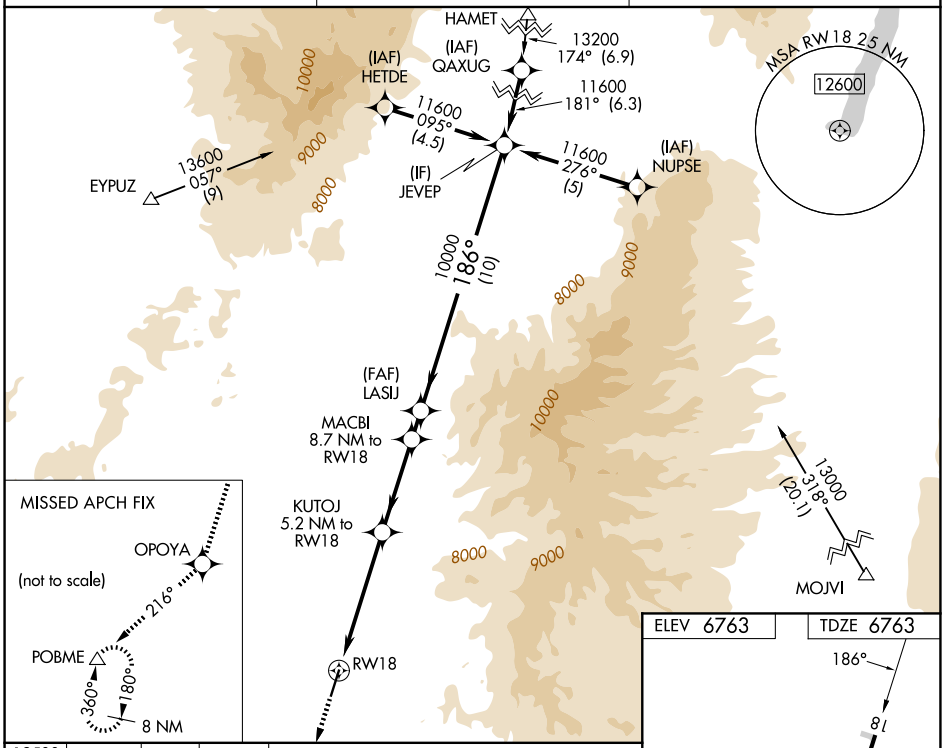
WAAS	APP CRS	Rwy Ldg	5700
CH 82418	186°	TDZE	6763
W18A		Apt Elev	6763

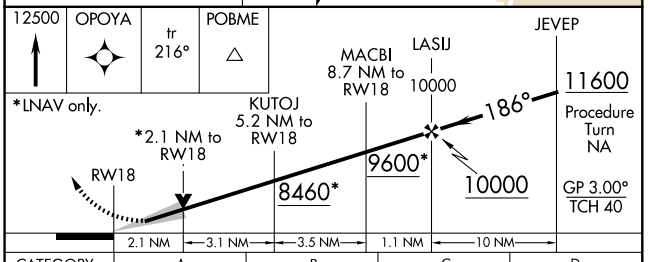
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -28°C (-18°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received use Bryce Canyon altimeter setting and increase all DA 149 feet and all MDA 160 feet, increase LPV visibility ¼ mile and increase LNAV visibility and Circling Cat B visibility ¼ mile. Baro-VNAV and VDP NA with Bryce Canyon altimeter setting.

-27°C

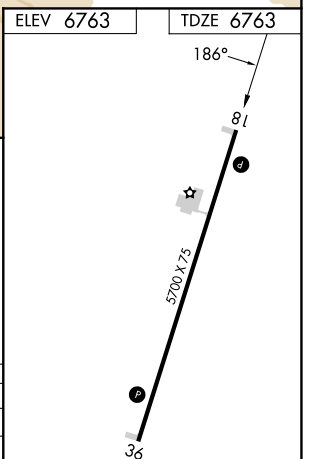
MISSED APPROACH: Climb to12500 direct OPOYA and on track 216° to POBME and hold, continue climb-in-hold 12500.

AWOS-3	SALT LAKE CENTER	CTAF
133.125	133.6 269.25	122.9 L





CATEGORY	A	B	C	D
LPV DA	6963-1	200 (200-1)	NA	
LNAV/VNAV DA	7331-2	568 (600-2)	NA	
LNAV MDA	7460-1	697 (700-1)	NA	
CIRCLING	7460-1	697 (700-1)	NA	



MIRL Rwy 18-36 L

REIL Rwys 18 and 36 L

PANGUITCH, UTAH

Orig-A 23APR20

37°51'N-112°24'W

PANGUITCH MUNI (U55)

RNAV (GPS) RWY 18

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 36

PANGUITCH MUNI (U55)

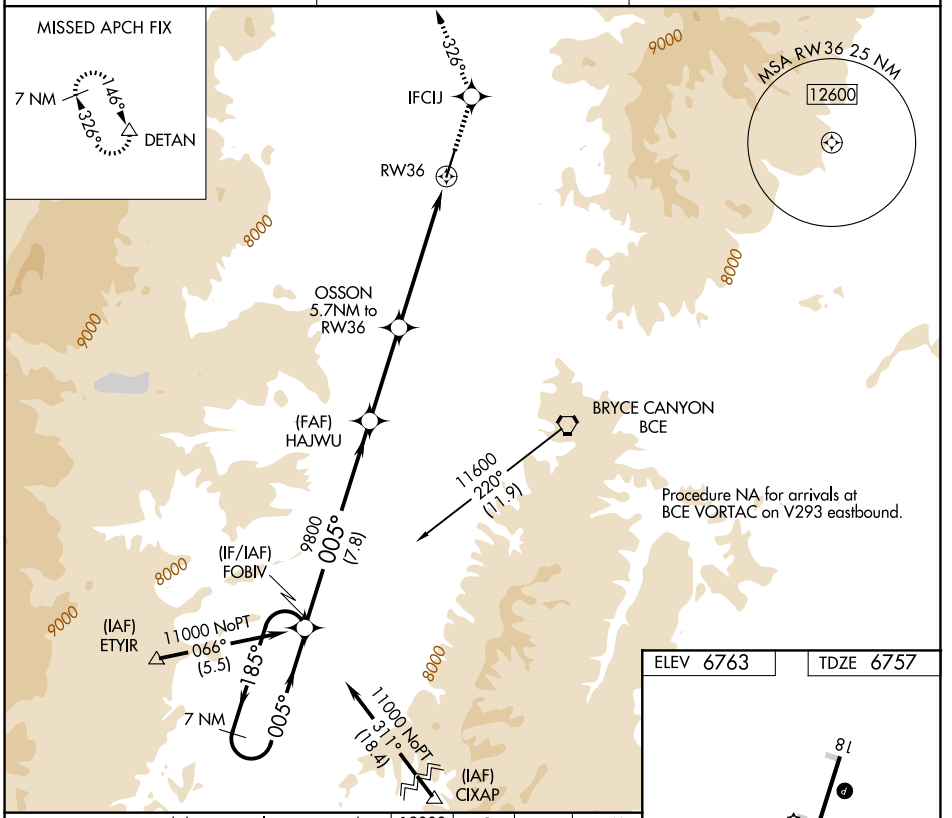
APP CRS	Rwy Ldg	5700
005°	TDZE	6757
	Apt Elev	6763

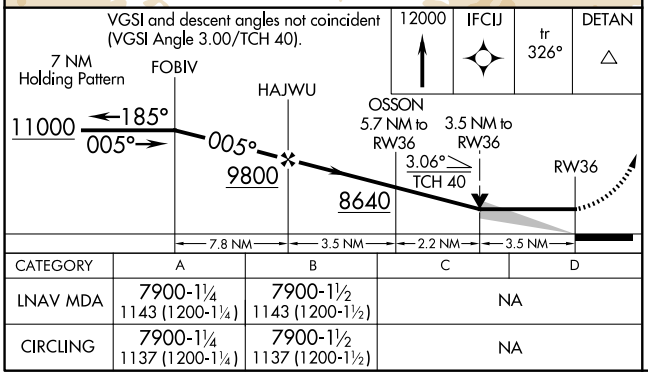
DME/DME RNP-0.3 NA. When local altimeter setting not received use Bryce Canyon altimeter setting and increase all MDA 160 feet. VDP NA with Bryce Canyon altimeter setting.

-27°C

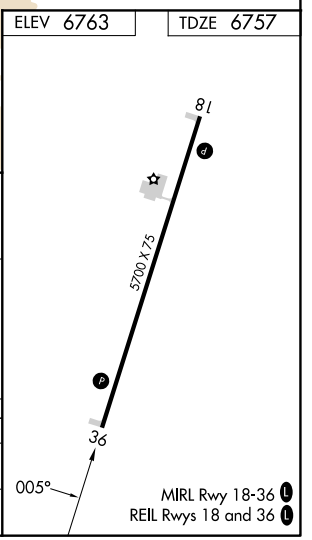
MISSED APPROACH: Climb to 12000 direct IFCIJ and on track 326° to DETAN and hold.

AWOS-3	SALT LAKE CENTER	CTAF
133.125	133.6 269.25	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	7900-1¼ 1143 (1200-1¼)	7900-1½ 1143 (1200-1½)	NA	
CIRCLING	7900-1¼ 1137 (1200-1¼)	7900-1½ 1137 (1200-1½)	NA	



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PARKER, ARIZONA | AL-6633 (FAA) | 26134

WAAS	APP CRS	Rwy Ldg	6250
CH 72936	016°	TDZE	456
W02A		Apt Elev	458

RNAV (GPS) RWY 2

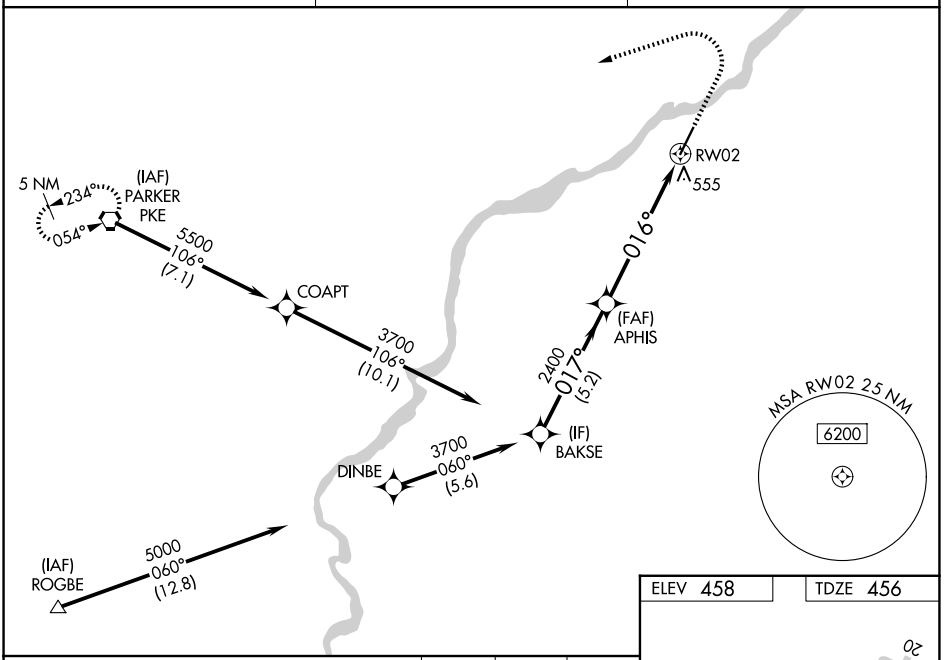
AVI SUQUILLA (P2Ø)

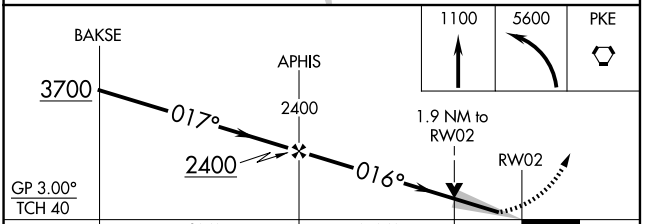
RNP APCH - GPS.

NA For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. Baro-VNAV and VDP NA when using Blythe altimeter setting. When local altimeter setting not received, use Blythe altimeter setting and increase LPV DA to 804 feet and all visibilities ¼ SM. Increase LNAV/VNAV DA to 1018 feet and all visibilities ¼ SM. Increase all MDAs 100 feet and LNAV visibility Cat B/C ¼ SM, and Circling visibility Cat B ¼ SM.

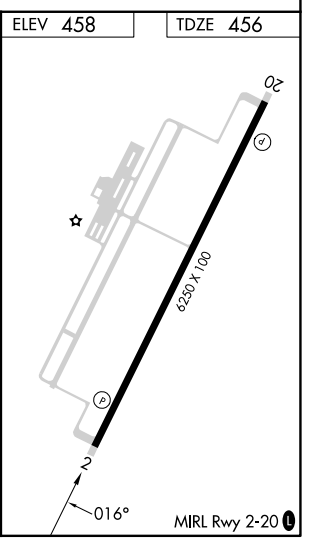
MISSED APPROACH: (Do not exceed 180K until PKE VORTAC) Climb to 1100, then climbing left turn to 5600 direct PKE VORTAC and hold, continue climb-in-hold to 5600.

AWOS-3PT	LOS ANGELES CENTER	UNICOM
132.75	128.15 285.6	122.725 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	706-¾ 250 (300-¾)			NA
LNAV/VNAV DA	920-1⅜ 464 (500-1⅜)			NA
LNAV MDA	1100-1 644 (700-1)		1100-3 644 (700-3)	NA
CIRCLING	1100-1 642 (700-1)		1580-3 1122 (1200-3)	NA



PARKER, ARIZONA
Amdt 1 05OCT23

34°09'N-114°16'W

AVI SUQUILLA (P2Ø)

RNAV (GPS) RWY 2

SW-4, 03 SEP 2026 to 29 OCT 2026

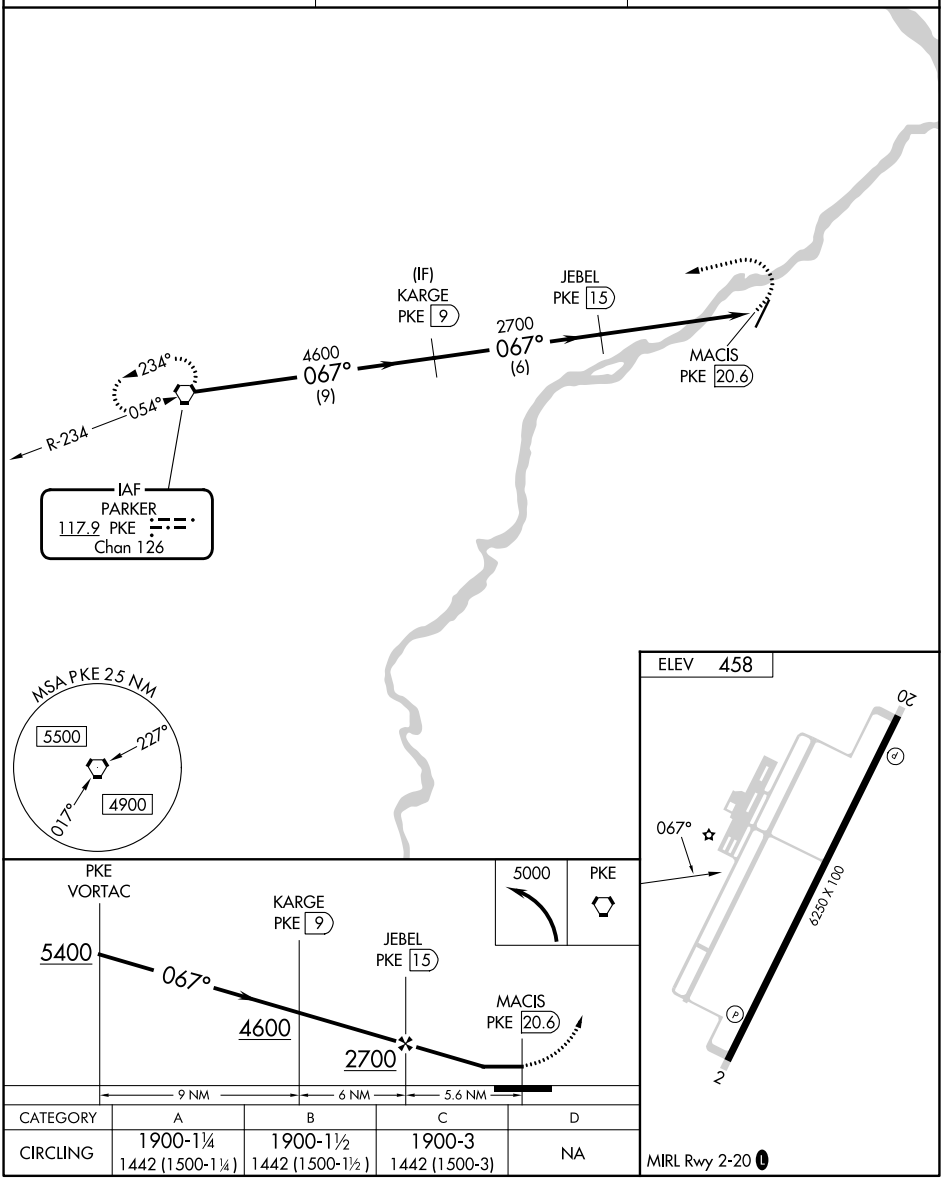
VORTAC PKE	APP CRS	Rwy Ldg	N/A
117.9	067°	TDZE	N/A
Chan 126		Apt Elev	458

VOR/DME-A
AVI SUQUILLA (P2Ø)

When local altimeter setting not received, use Blythe altimeter setting and increase all MDA 100 feet.

MISSED APPROACH: Climbing left turn to 5000 direct PKE VORTAC and hold.

AWOS-3PT	LOS ANGELES CENTER	UNICOM
132.75	128.15 285.6	122.725 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	1900-1¼ 1442 (1500-1¼)	1900-1½ 1442 (1500-1½)	1900-3 1442 (1500-3)	NA

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PAYSON, ARIZONA | AL-6968 (FAA) | 25219

RNAV (GPS) RWY 24

PAYSON (PAN)

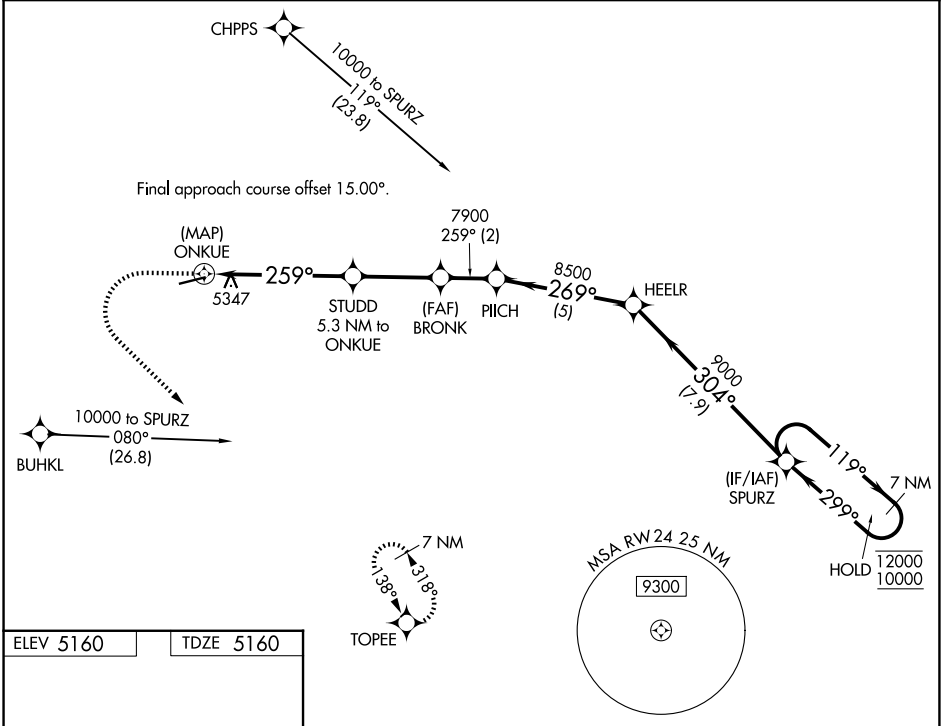
APP CRS	Rwy Ldg	5504
259°	TDZE	5160
	Apt Elev	5160

RNP APCH - GPS.

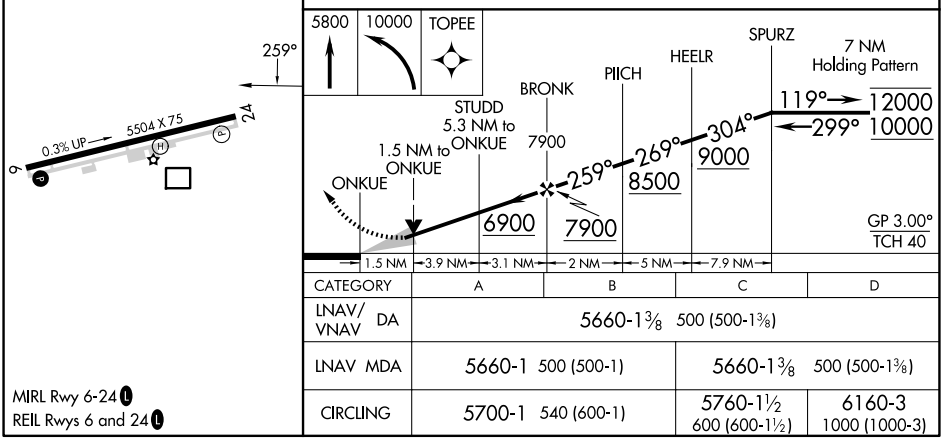
Baro-VNAV NA.
Circling to Rwy 6 NA at night.

MISSED APPROACH: Climb to 5800 then climbing left turn to 10000 direct TOPEE and hold, continue climb-in-hold to 10000.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
119.325	127.675 306.2	122.8 (CTAF) L



ELEV 5160 | TDZE 5160



CATEGORY	A	B	C	D
LNAV/VNAV DA	5660-1⅜ 500 (500-1⅜)			
LNAV MDA	5660-1 500 (500-1)		5660-1⅜ 500 (500-1⅜)	
CIRCLING	5700-1 540 (600-1)		5760-1½ 600 (600-1½)	6160-3 1000 (1000-3)

MIRL Rwy 6-24 L
REIL Rwys 6 and 24 L

PAYSON, ARIZONA
Orig 07AUG25

34°15′N-111°20′W

PAYSON (PAN)

RNAV (GPS) RWY 24

SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	N/A
352°	TDZE	N/A
	Apt Elev	5157

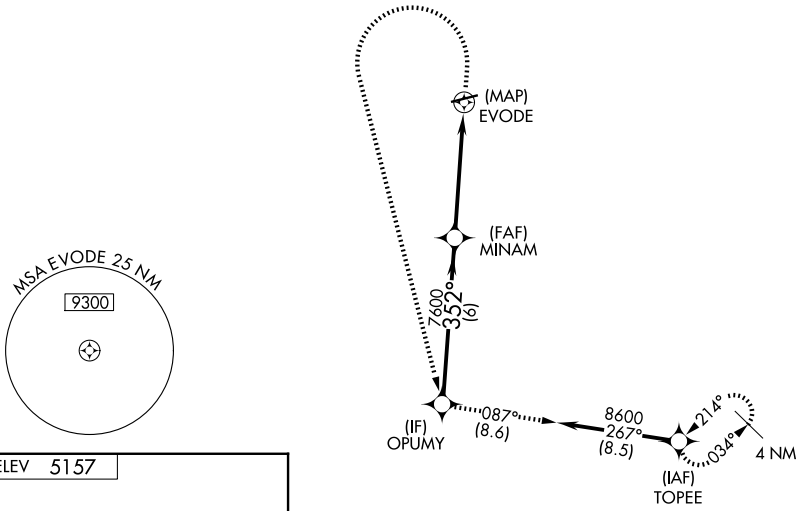
RNAV (GPS)-A

PAYSON (PAN)

T A NA — GPS or RNP- 0.3 required. DME/DME RNP- 0.3 NA.

MISSED APPROACH: Climb to 6700 then climbing left turn to 9000 direct OPUMY WP and via 087° track to TOPEE WP and hold.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
119.325	127.675 306.2	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	5700-1 543 (600-1)	5760-1 603 (700-1)	5860-2 703 (800-2)	6060-3 903 (1000-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA | AL-74 (FAA) | 26190

LOC I-IWA	APP CRS	Rwy Ldg	10201
110.15	303°	TDZE	1380
		Apt Elev	1384

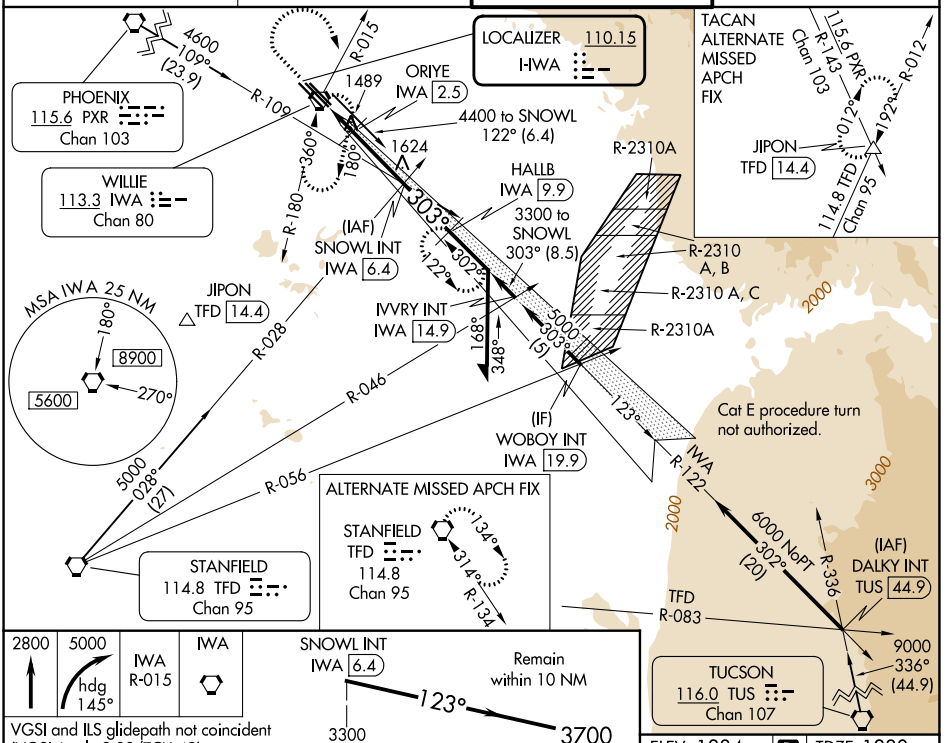
ILS or LOC RWY 30C

MESA GATEWAY (IWA)

T When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting and increase S-ILS DA to 1660 feet and all MDA 80 feet, increase S-ILS 30C, S-LOC 30C all Cats and Circling Cats C/D/E visibility ¼ SM.

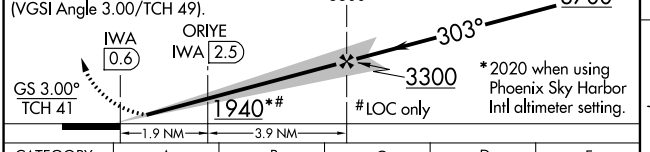
MISSED APPROACH: Climb to 2800 then climbing right turn to 5000 via heading 145° and IWA VORTAC R-015 to IWA VORTAC and hold, continue climb-in-hold to 5000 (TACAN aircraft continue via IWA VORTAC R-122 to HALLB/9.9 DME and hold, continue climb-in-hold to 5000, hold SE, LT, 302° inbound).

ATIS	PHOENIX APP CON	GATEWAY TOWER★	GND CON
133.5 270.275	124.9 353.8	120.6 (CTAF) 289.4	128.25 275.8



2800	5000 hdg 145°	IWA R-015	IWA

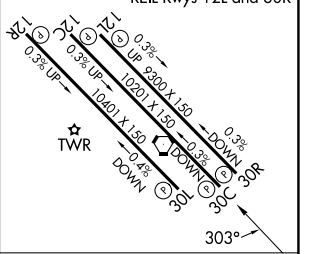
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 49).



CATEGORY	A	B	C	D	E
S-ILS 30C	1580-¾ 200 (200-¾)				
S-LOC 30C	1940-1 560 (600-1)		1940-1½ 560 (600-1½)	1940-1¾ 560 (600-1¾)	1940-2 560 (600-2)
CIRCLING	1940-1 556 (600-1)		1940-1½ 556 (600-1½)	2000-2 616 (700-2)	2020-2¼ 636 (700-2¼)
ORIYE FIX MINIMUMS					
S-LOC 30C	1800-1 420 (500-1)		1800-1¼ 420 (500-1¼)		1800-1½ 420 (500-1½)
CIRCLING	1880-1 496 (500-1)		1880-1½ 496 (500-1½)	2000-2 616 (700-2)	2020-2¼ 636 (700-2¼)

ELEV 1384 | D | TDZE 1380

HIRL Rwys 12L-30R and 12C-30C
MIRL Rwy 12R-30L
REIL Rwys 12L and 30R



FAF to MAP 5.8 NM

Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	10201
303°	TDZE	1380
	Apt Elev	1384

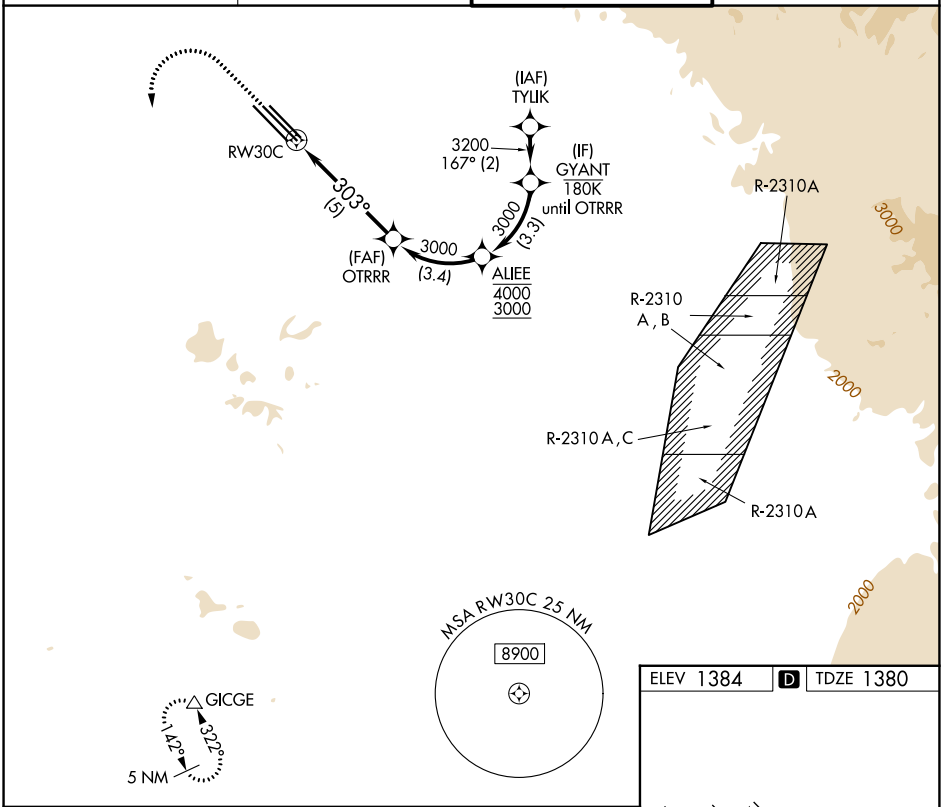
RNAV (RNP) Z RWY 30C

MESA GATEWAY (IWA)

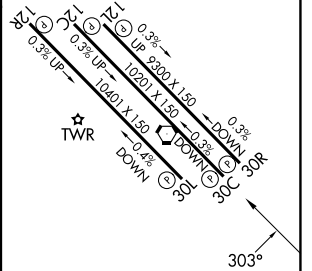
For uncompensated Baro-VNAV systems, procedure NA below -17°C (2°F) or above 54°C (130°F). GPS and RF required.

MISSED APPROACH: Climb to 2800 then climbing left turn to 5000 direct GICGE and hold.

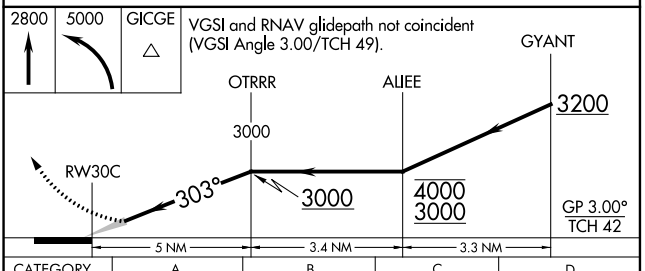
ATIS	PHOENIX APP CON	GATEWAY TOWER★	GND CON
133.5 270.275	124.9 353.8	120.6 (CTAF) 289.4	128.25 275.8



ELEV 1384 D TDZE 1380



MIRL Rwy 12R-30L
HIRL Rwys 12L-30R and 12C-30C
REIL Rwys 12L and 30R



CATEGORY	A	B	C	D
RNP 0.21 DA	1637- 7/8	257 (300-7/8)		
RNP 0.30 DA	1711-1 1/8	331 (400-1 1/8)		

AUTHORIZATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA | AL-74 (FAA) | 26190

RNAV (GPS) RWY 12C

MESA GATEWAY (IWA)

WAAS CH 58200 W12A	APP CRS 123°	Rwy Ldg 10201 TDZE 1359 Apt Elev 1384

T DME/DME RNP-0.3 NA.
A For uncompensated Baro-VNAV systems LNAV/VNAV NA below -17°C (2°F) or above 46°C (115°F).

MISSED APPROACH: Climb to 5000 direct PADPE and on 213° track to RIYCO and hold.

ATIS	PHOENIX APP CON	GATEWAY TOWER★	GND CON
133.5 270.275	124.9 353.8	120.6 (CTAF) 289.4	128.25 275.8

Procedure NA for arrivals on PXR VORTAC airway radials 321 CW 143.

(IAF) NEVKE
5000 238° (5.8) LAKEY
4200 NoPT 213° (5)
5 NM 122° 302°
(IF/IAF) OCATU
(IAF) PHOENIX PXR
4200 NoPT 064° (7.1)
3300 122° (6)
(FAF) HICHI
123°
1409 RW12C
2000 3000 4000

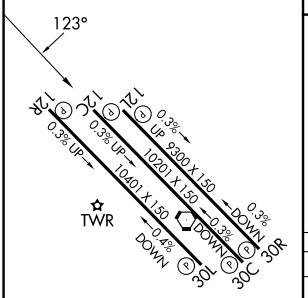
MSA RW12C 25 NM
8900
5000 353° (34.6)
STANFIELD TFD

Procedure NA for arrivals at TFD VORTAC on V94 eastbound.

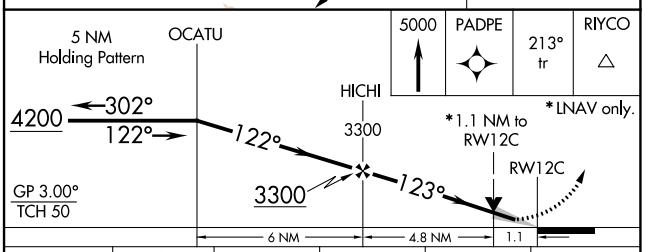
PADPE
213° (15)

MISSED APCH FIX
RIYCO 142° 322° 5 NM

ELEV 1384 D TDZE 1359



MIRL Rwy 12R-30L
HIRL Rwys 12L-30R and 12C-30C
REIL Rwys 12L and 30R



CATEGORY	A	B	C	D	E
LPV DA	1609-1 250 (300-1)				
LNAV/VNAV DA	1686-1¼ 327 (400-1¼)				
LNAV MDA	1740-1 381 (400-1)			1740-1¼ 381 (400-1¼)	
CIRCLING	1840-1¼ 456 (500-1¼)	1880-1½ 496 (500-1½)		2000-2 616 (700-2)	2020-2¼ 636 (700-2¼)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA
Amdt 1C 17JUN21

33°18′N-111°39′W

MESA GATEWAY (IWA)
RNAV (GPS) RWY 12C

RNAV (GPS) RWY 12R

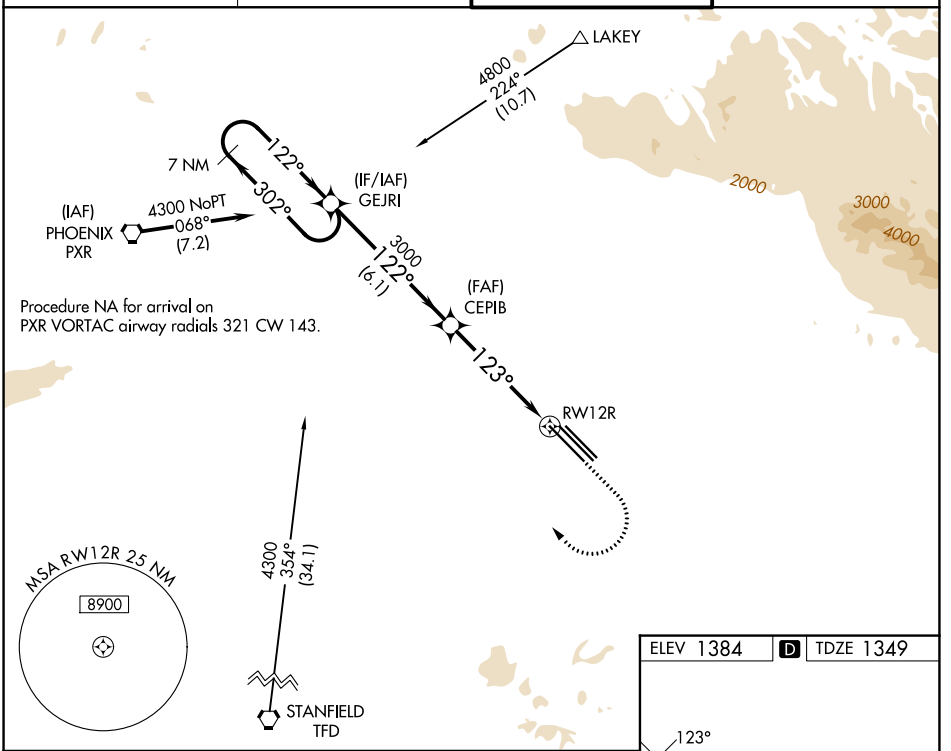
MESA GATEWAY (IWA)

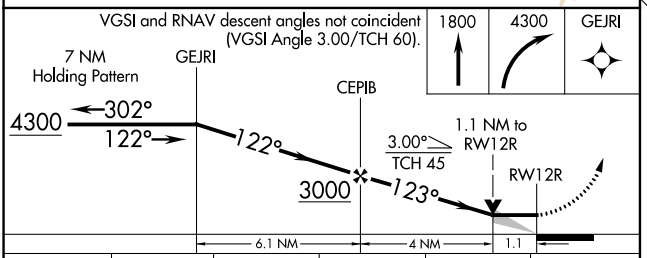
WAAS CH 50325 W12B	APP CRS 123°	Rwy Ldg 10401 TDZE 1349 Apt Elev 1384

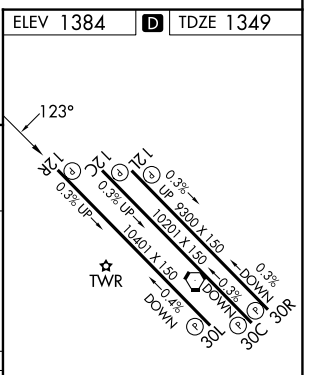
DME/DME RNP-0.3 NA. VDP NA with Phoenix Sky Harbor Intl altimeter setting. When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting and increase all MDA 80 feet; increase LP and LNAV Cats C/D and Circling Cat D visibility ¼ SM.

MISSED APPROACH: Climb to 1800 then climbing right turn to 4300 direct GEJRI and hold, continue climb-in-hold to 4300.

ATIS	PHOENIX APP CON	GATEWAY TOWER★	GND CON
133.5 270.275	124.9 353.8	120.6 (CTAF) 289.4	128.25 275.8







CATEGORY	A	B	C	D	E
LP MDA	1740-1 391 (400-1)		1740-1⅛ 391 (400-1⅛)		2300-3 951 (1000-3)
LNAV MDA	1740-1 391 (400-1)		1740-1⅛ 391 (400-1⅛)		2420-3 1071 (1100-3)
CIRCLING	1880-1 496 (500-1)		1880-1½ 496 (500-1½)	2000-2 616 (700-2)	2420-3 1036 (1100-3)

MIRL Rwy 12R-30L
HIRL Rwys 12L-30R and 12C-30C
REIL Rwys 12L and 30R

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA | AL-74 (FAA) | 26190

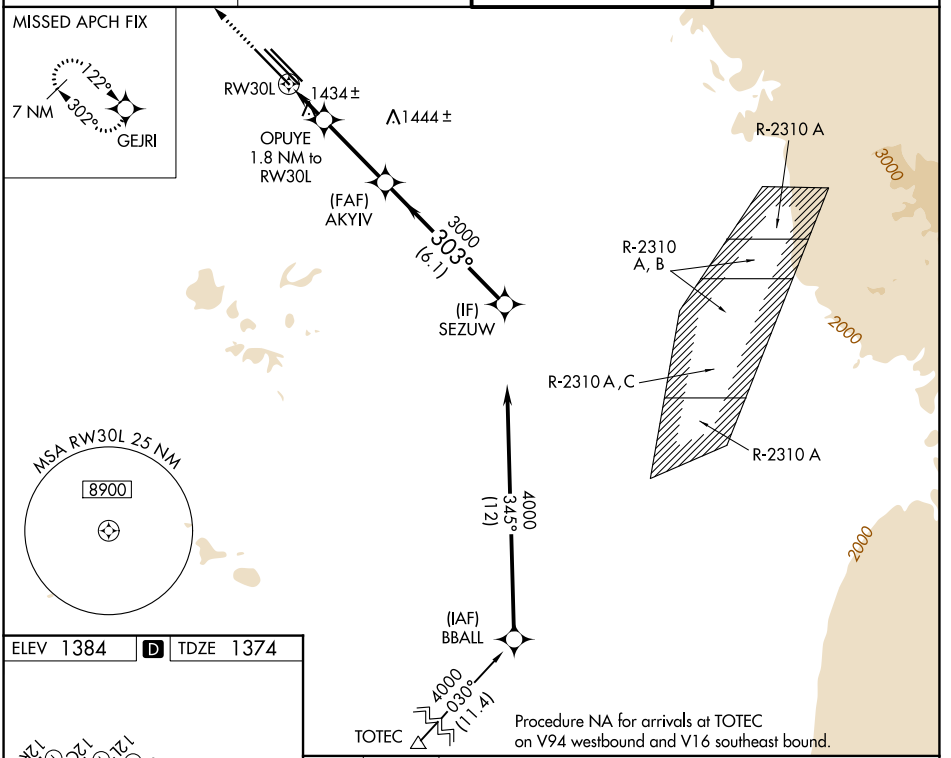
RNAV (GPS) RWY 30L
MESA GATEWAY (IWA)

WAAS	APP CRS	Rwy Ldg	10401
CH 93525	303°	TDZE	1374
W30B		Apt Elev	1384

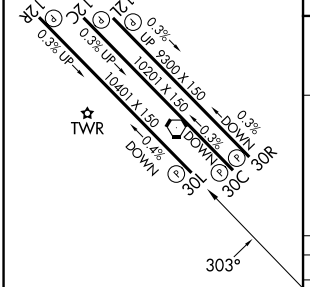
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting and increase all MDA 80 feet; increase LP and LNAV Cat C, D and E visibility ⅛ SM and Circling Cats D, E visibility ¼ SM. VDP NA with Phoenix Sky Harbor Intl altimeter setting.

MISSED APPROACH: Climb to 4300 direct GEJRI and hold.

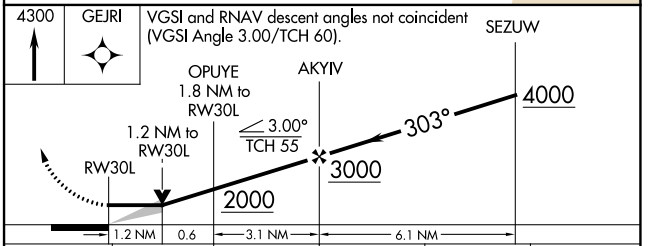
ATIS	PHOENIX APP CON	GATEWAY TOWER★	GND CON
133.5 270.275	124.9 353.8	120.6 (CTAF) 289.4	128.25 275.8



ELEV 1384 | D | TDZE 1374



MIRL Rwy 12R-30L
HIRL Rwys 12L-30R and 12C-30C
REIL Rwys 12L and 30R



CATEGORY	A	B	C	D	E
LP MDA	1800-1 426 (500-1)		1800-1¼ 426 (500-1¼)		
LNAV MDA	1800-1 426 (500-1)		1800-1¼ 426 (500-1¼)		
CIRCLING	1880-1 496 (500-1)		1880-1½ 496 (500-1½)	2000-2 616 (700-2)	2040-2¼ 656 (700-2¼)

PHOENIX, ARIZONA
Amdt 1D 12AUG21

33°18′N-111°39′W

MESA GATEWAY (IWA)
RNAV (GPS) RWY 30L

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	9300
CH 69343	303°	TDZE	1384
W30D		Apt Elev	1384

RNAV (GPS) RWY 30R

MESA GATEWAY (IWA)

RNP APCH-GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.

MISSED APPROACH: Climb to 2800 then climbing left turn to 5000 direct to GICGE and hold.

ATIS	PHOENIX APP CON	GATEWAY TOWER★	GND CON
133.5 270.275	124.9 353.8	120.6 (CTAF) 289.4	128.25 275.8

Procedure NA for arrivals at PEAKS on V190 northeast bound.

PEAKS
8000
155° (8.2)
BAYTA
163° (14.7)
7200
OUTLAW MOA
5000
4000
3000
2000
YADUV
1.8 NM to RW30R
RW30R
1486
1498±
(FAF) WUMIX
3000
303° (6.8)
3500
213° (8.4)
(IAF) OMGOE
(IF) WOGMA
3500
023° (8)
COMGU
4300
040° (9)
(IAF) GICGE
142°
322°
5 NM
R-2310A
R-2310 A, B
R-2310 A, C
R-2310A
MSA RW30R 25 NM
8800

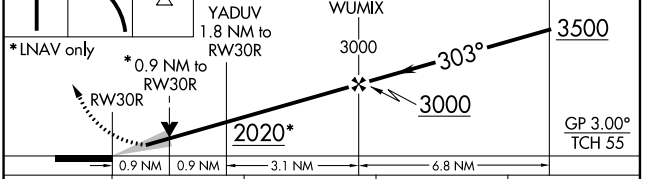
Procedure NA for arrivals at GICGE on V16 southeast bound.

ELEV 1384 D TDZE 1384

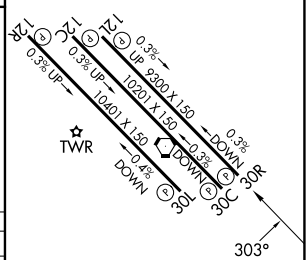
2800 5000 GICGE

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 75).

*LNAV only



CATEGORY	A	B	C	D
LPV DA	1584-¾ 200 (200-¾)			
LNAV/VNAV DA	1634-¾ 250 (300-¾)			
LNAV MDA	1740-1 356 (400-1)			
CIRCLING	1840-1 456 (500-1)		1880-1½ 496 (500-1½)	2000-2 616 (700-2)



MIRL Rwy 12R-30L
HIRL Rwys 12L-30R and 12C-30C
REIL Rwys 12L and 30R

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA AL-74 (FAA) 26190

WAAS	APP CRS	Rwy Ldg	10201
CH 62911	303°	TDZE	1380
W30A		Apt Elev	1384

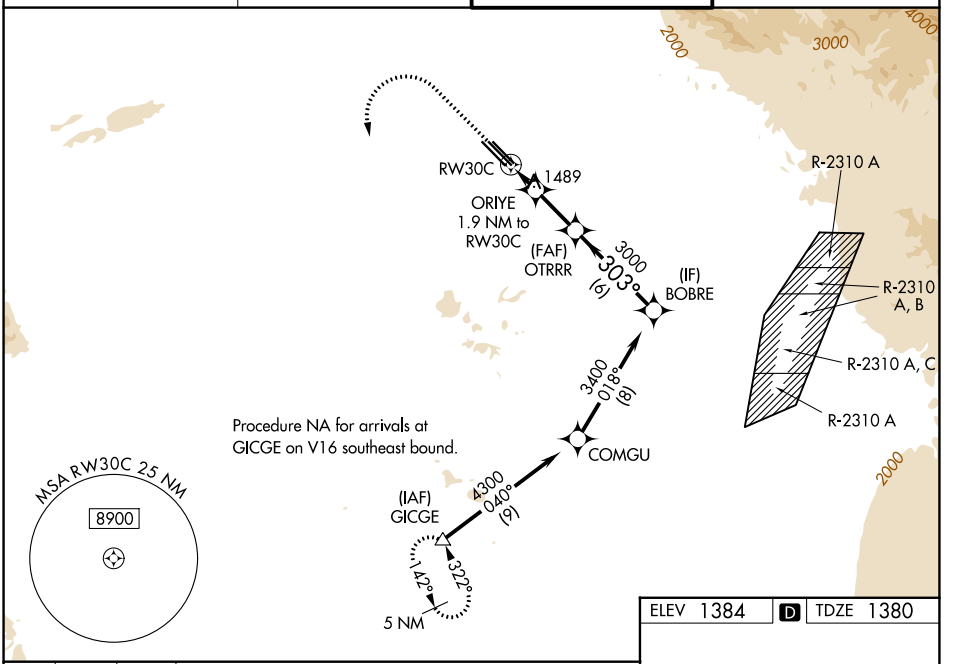
RNAV (GPS) Y RWY 30C

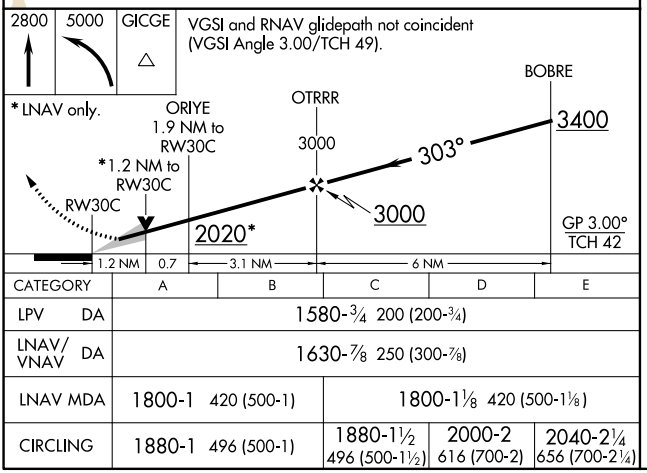
MESA GATEWAY (IWA)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -2°C (29°F) or above 35°C (95°F). DME/DME RNP- 0.3 NA. When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting and increase LPV DA to 1660 feet, LNAV/VNAV DA to 1710 feet and all MDA 80 feet; increase LPV all Cats visibility ⅛ SM, increase LNAV/VNAV all Cats, LNAV Cats C, D and E, and Circling Cats D, E visibility ¼ SM. VDP and Baro-VNAV NA with Phoenix Sky Harbor Intl altimeter setting.

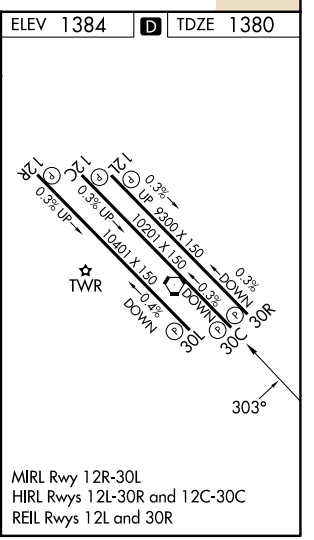
MISSED APPROACH: Climb to 2800 then climbing left turn to 5000 direct GICGE and hold.

ATIS	PHOENIX APP CON	GATEWAY TOWER *	GND CON
133.5 270.275	124.9 353.8	120.6 (CTAF) 289.4	128.25 275.8





CATEGORY	A	B	C	D	E
LPV DA	1580-¾ 200 (200-¾)				
LNAV/VNAV DA	1630-⅞ 250 (300-⅞)				
LNAV MDA	1800-1 420 (500-1)		1800-1⅛ 420 (500-1⅛)		
CIRCLING	1880-1 496 (500-1)		1880-1½ 496 (500-1½)	2000-2 616 (700-2)	2040-2¼ 656 (700-2¼)



PHOENIX, ARIZONA
Amdt 1C 12AUG21

33°18′N-111°39′W

MESA GATEWAY (IWA)

RNAV (GPS) Y RWY 30C

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

VOR or TACAN RWY 30C

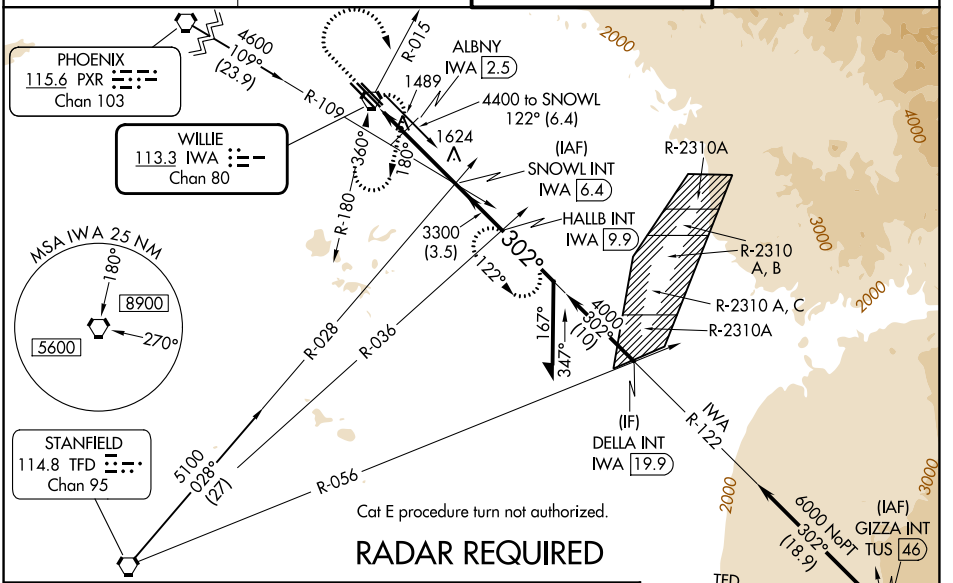
MESA GATEWAY (IWA)

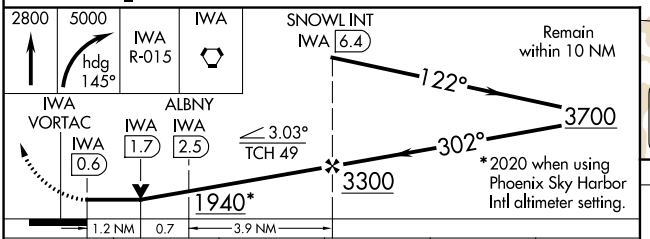
VORTAC IWA	APP CRS		30C	30R
113.3	302°	Rwy Ldg	10201	9301
Chan 80		TDZE	1380	1382
		Apt Elev	1384	1384

When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting and increase all MDA 80 feet, increase S-30C, SIDESTEP 30R, and Circling Cats C/D/E visibility ¼ SM.

MISSED APPROACH: Climb to 2800 then climbing right turn to 5000 via heading 145° and IWA VORTAC R-015 to IWA VORTAC and hold, continue climb-in-hold to 5000 (TACAN aircraft continue via IWA VORTAC R-122 to HALLB INT/IWA 9.9 DME and hold, continue climb-in-hold to 5000, hold SE, LT, 302° inbound).

ATIS	PHOENIX APP CON	GATEWAY TOWER★	GND CON
133.5 270.275	124.9 353.8	120.6 (CTAF) 289.4	128.25 275.8

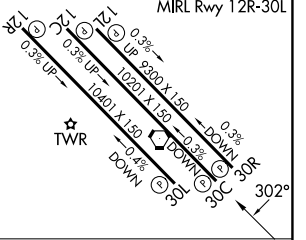




CATEGORY	A	B	C	D	E
S-30C	1940-1 560 (600-1)		1940-1½ 560 (600-1½)	1940-1¾ 560 (600-1¾)	1940-2 560 (600-2)
SIDESTEP 30R	1940-1 558 (600-1)		1940-1½ 558 (600-1½)	1940-2 558 (600-2)	
CIRCLING	1940-1 556 (600-1)		1940-1½ 556 (600-1½)	2000-2 616 (700-2)	2020-2¼ 636 (700-2¼)
DME MINIMUMS					
S-30C	1800-1 420 (500-1)		1800-1¼ 420 (500-1¼)		1800-1½ 420 (500-1½)
SIDESTEP 30R	1800-1 418 (500-1)		1800-1½ 418 (500-1½)	1800-2 418 (500-2)	
CIRCLING	1880-1 496 (500-1)		1880-1½ 496 (500-1½)	2000-2 616 (700-2)	2020-2¼ 636 (700-2¼)

ELEV 1384 D TDZE 30C 1380
TDZE 30R 1382

HIRL Rwys 12L-30R and 12C-30C
REIL Rwys 12L and 30R
MIRL Rwy 12R-30L



FAF to MAP 5.8 NM

Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26190

AIRPORT DIAGRAM

AL-74 (FAA)

MESA GATEWAY (IWA)
PHOENIX, ARIZONA

AIRPORT DIAGRAM
26190

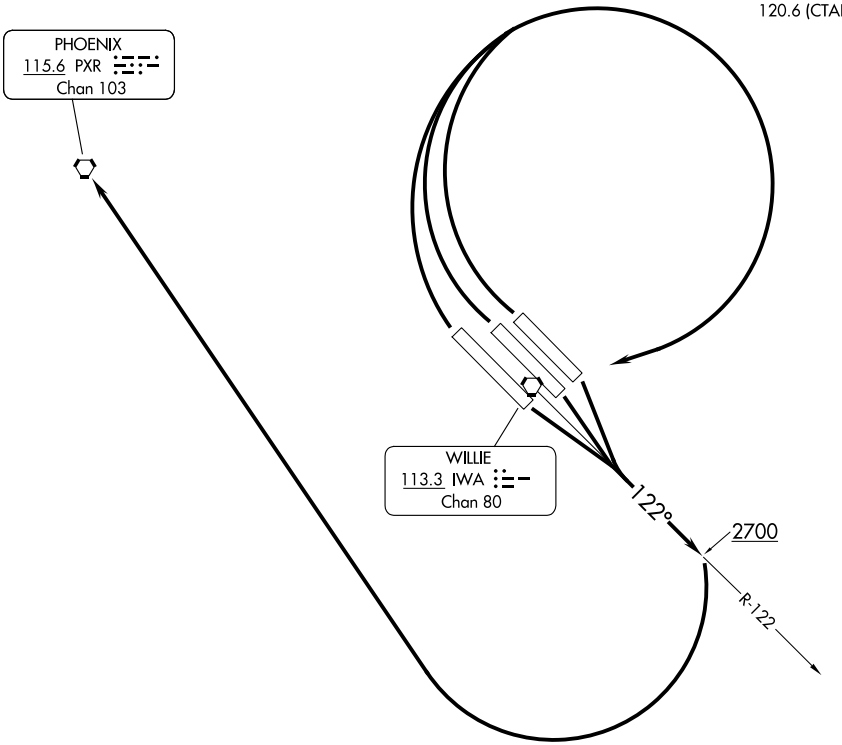
PHOENIX, ARIZONA
MESA GATEWAY (IWA)

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX ONE DEPARTURE (OBSTACLE) AL-74 (FAA)

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX DEP CON
124.9 353.8
ATIS
133.5 270.275
CLNC DEL
135.05
GND CON
128.25 275.8
GATEWAY TOWER★
120.6 (CTAF) 289.4



TAKEOFF MINIMUMS

Rwys 12L, 12C, 12R, 30L, 30C, 30R: Standard.

TAKEOFF OBSTACLE NOTES

Rwys 30L/C/R: Trees beginning 351′ from DER, 351′ left of centerline, up to 20′ AGL/1359′ MSL.
Trees beginning 689′ from DER, 398′ right of centerline, up to 20′ AGL/1359′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/C/R: Climb to 2700 via IWA VORTAC R-122 then right turn direct PXR VORTAC.

TAKEOFF RUNWAYS 30L/C/R: Climbing right turn to 4000 direct IWA VORTAC and IWA VORTAC R-122 then right turn direct PXR VORTAC.

(BNYRD6.BNYRD) 25051

BNYRD SIX DEPARTURE (RNAV)

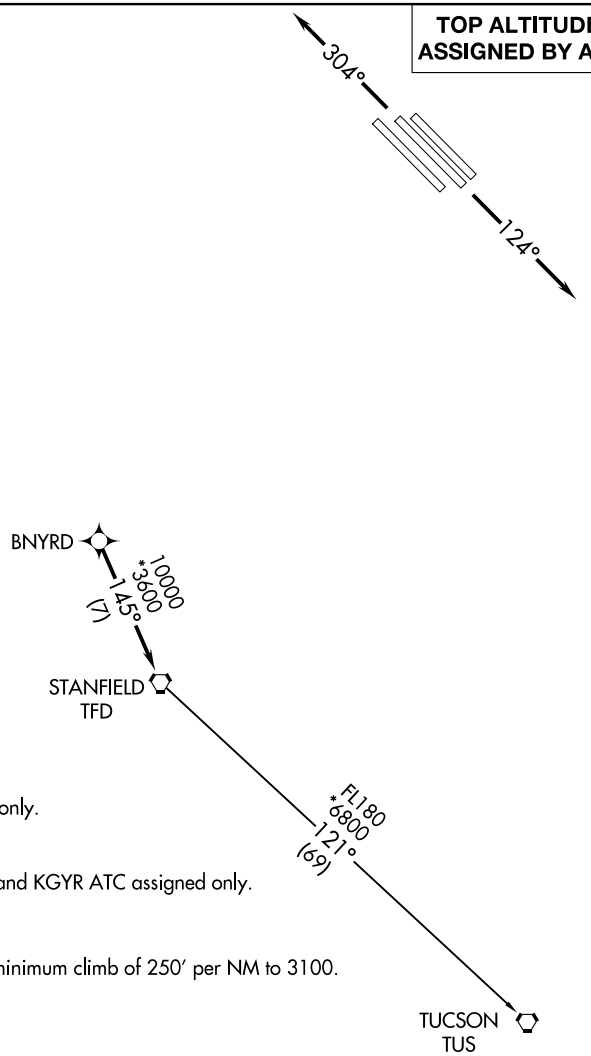
AL-74 (FAA)

MESA GATEWAY (IWA)
PHOENIX, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX DEP CON
124.9 353.8
ATIS
133.5 270.275
CLNC DEL
135.05
GND CON
128.25 275.8
GATEWAY TOWER ★
120.6 289.4

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 12L/C/R: Standard with a minimum climb of 250′ per NM to 3100.
Rwys 30L/C/R: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/C/R: Climb heading 124° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 30L/C/R: Climb heading 304° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to BNYRD, then on track 145° to TFD VORTAC, then on (transition), maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

TUCSON TRANSITION (BNYRD6.TUS)

FTHLS SIX DEPARTURE (RNAV)

(FTHLS6.FTHLS) 24MAY18

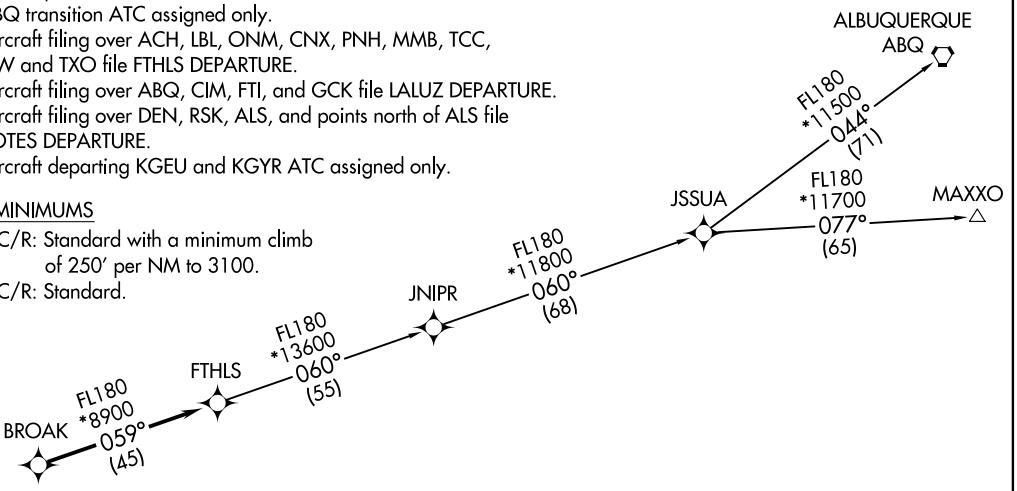
PHOENIX DEP CON
124.9 353.8
ATIS
133.5 270.275
CLNC DEL
135.05
GND CON
128.25 275.8
GATEWAY TOWER★
120.6 289.4

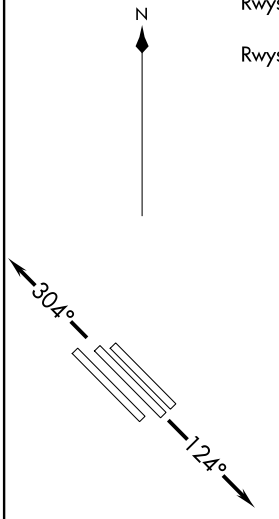
NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: ABQ transition ATC assigned only.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO file FTHLS DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK file LALUZ DEPARTURE.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS file YOTES DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS

Rwys 12L/C/R: Standard with a minimum climb of 250′ per NM to 3100.
Rwys 30L/C/R: Standard.





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/C/R: Climb heading 124° or as assigned by ATC. Thence. . . .
TAKEOFF RUNWAYS 30L/C/R: Climb heading 304° or as assigned by ATC. Thence. . . .

. . . .expect RADAR vectors to BROAK, then on track 059° to FTHLS, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (FTHLS6.ABQ)

JNIPR TRANSITION (FTHLS6.JNIPR)

MAXXO TRANSITION (FTHLS6.MAXXO)

(FTHLS6.FTHLS) 25051
FTHLS SIX DEPARTURE (RNAV)
AL-74 (FAA)
MESA GATEWAY (IWA)
PHOENIX, ARIZONA

PHOENIX, ARIZONA
MESA GATEWAY (IWA)

IZZZO EIGHT DEPARTURE (RNAV)

(IZZZO8.IZZZO) 25JAN24

PHOENIX, ARIZONA

MESA GATEWAY (IWA)

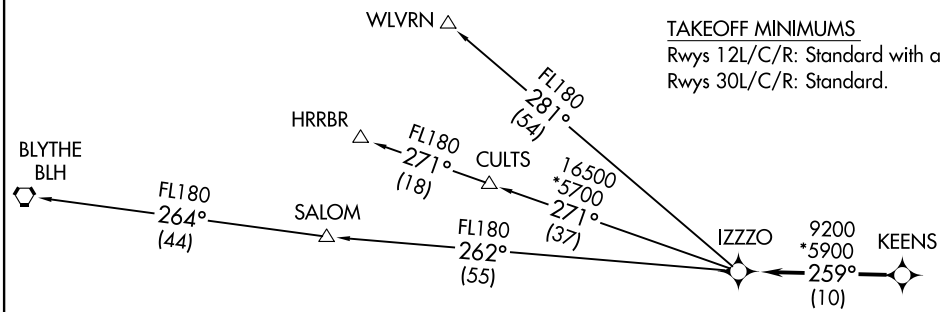
PHOENIX DEP CON
124.9 353.8
ATIS
133.5 270.275
CLNC DEL
135.05
GND CON
128.25 275.8
GATEWAY TOWER*
120.6 289.4

TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - GPS.
RADAR required.

NOTE: Turbojets and turboprops only.
NOTE: Aircraft requesting FL220 and below must file BLYTHE Transition.
NOTE: Turbojets landing LAX, file WLVRN Transition.
NOTE: Aircraft landing other than LAX and turboprops landing at LAX: Requesting FL240 and above, file HRRBR Transition.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 12L/C/R: Standard with a minimum climb of 250'/NM to 3100.
Rwys 30L/C/R: Standard.

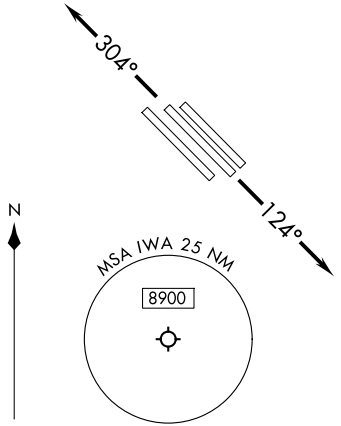


DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/C/R: Climb on heading 124° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAYS 30L/C/R: Climb on heading 304° or as assigned by ATC, thence. . . .

. . . .for RADAR vectors to KEENS, then on track 259° to IZZZO, then on (transition).
Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

BLYTHE TRANSITION (IZZZO8.BLH)
HRRBR TRANSITION (IZZZO8.HRRBR)
WLVRN TRANSITION (IZZZO8.WLVRN)



NOTE: Chart not to scale.

IZZZO EIGHT DEPARTURE (RNAV)

(IZZZO8.IZZZO) 26078

AL-74 (FAA)

MESA GATEWAY (IWA)

PHOENIX, ARIZONA

TOP ALTITUDE:
ASSIGNED BY ATC
304°
124°
PHOENIX DEP CON
124.9 353.8
ATIS
133.5 270.275
CLNC DEL
135.05
GND CON
128.25 275.8
GATEWAY TOWER*
120.6 289.4
NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
TAKEOFF MINIMUMS
Rwys 12L/C/R: Standard with a minimum climb of 250' per NM to 3100.
Rwys 30L/C/R: Standard.
FL180
*3800
249°
(52)
GILA BEND
GBN
FL180
*4000
248°
(15)
MOHAK
JUDTH
N
DEPARTURE ROUTE DESCRIPTION
TAKEOFF RUNWAYS 12L/C/R: Climb heading 124° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAYS 30L/C/R: Climb heading 304° or as assigned by ATC, thence. . . .
. . . .expect RADAR vectors to GBN VORTAC, then on track 249° to JUDTH, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.
MOHAK TRANSITION (JUDTH7.MOHAK)
NOTE: Chart not to scale.
SW-4, 03 SEP 2026 to 29 OCT 2026

KATMN SIX DEPARTURE (RNAV)

(KATMN6.KATMN) 24MAY18

PHOENIX, ARIZONA
MESA GATEWAY (IWA)

TOP ALTITUDE: ASSIGNED BY ATC

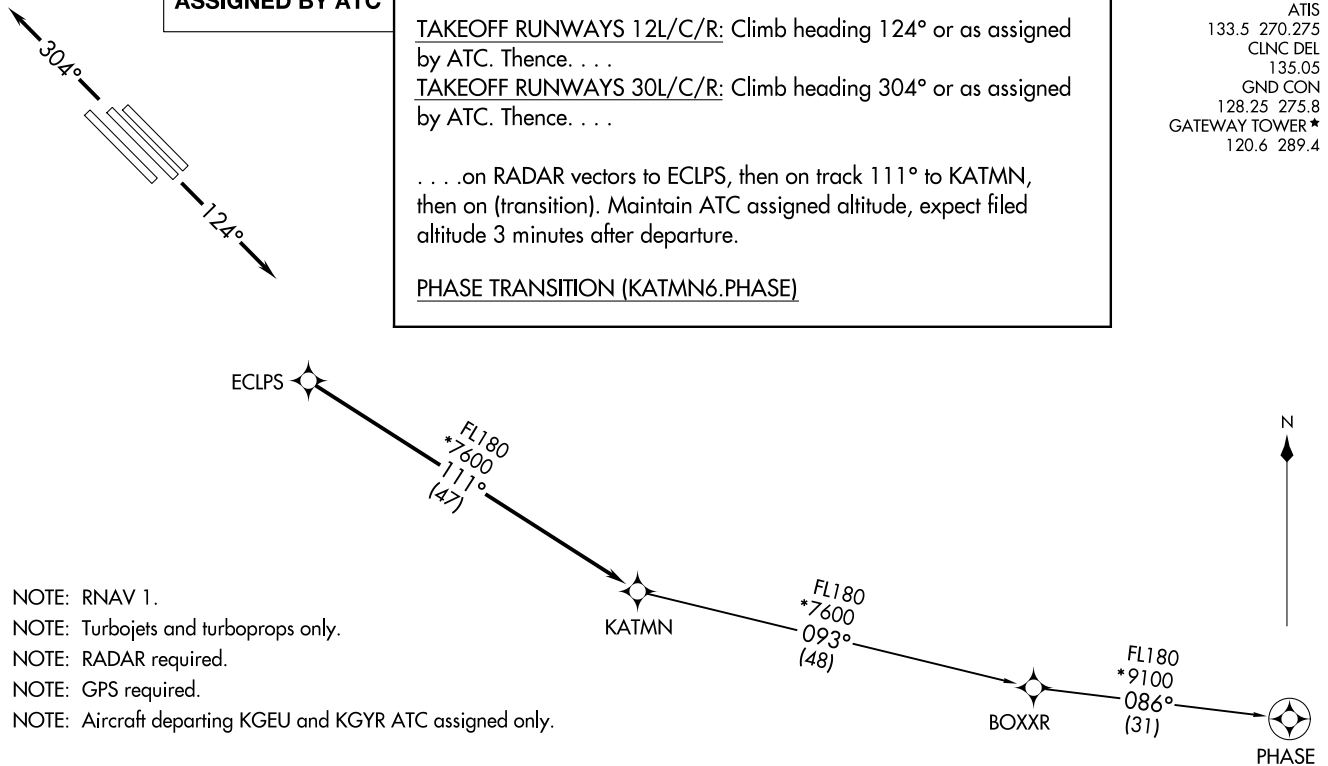
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/C/R: Climb heading 124° or as assigned by ATC. Thence. . . .
TAKEOFF RUNWAYS 30L/C/R: Climb heading 304° or as assigned by ATC. Thence. . . .

. . . .on RADAR vectors to ECLPS, then on track 111° to KATMN, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

PHASE TRANSITION (KATMN6.PHASE)

PHOENIX DEP CON
124.9 353.8
ATIS
133.5 270.275
CLNC DEL
135.05
GND CON
128.25 275.8
GATEWAY TOWER ★
120.6 289.4



NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 12L/C/R: Standard with a minimum climb of 250′ per NM to 3100.
Rwys 30L/C/R: Standard.

NOTE: Chart not to scale.

(KATMN6.KATMN) 25051
KATMN SIX DEPARTURE (RNAV)
AL-74 (FAA)
MESA GATEWAY (IWA)
PHOENIX, ARIZONA

LALUZ SIX DEPARTURE (RNAV)

(LALUZ6.LALUZ) 24MAY18

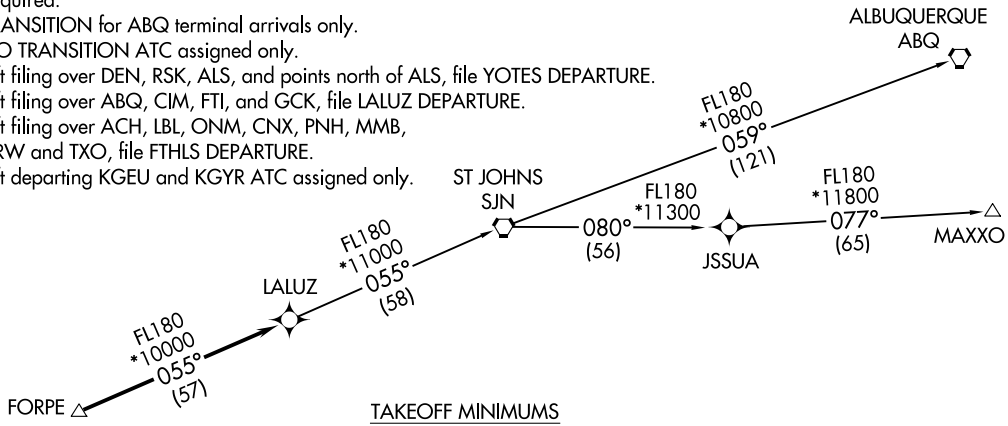
PHOENIX, ARIZONA

MESA GATEWAY (IWA)

PHOENIX DEP CON
124.9 353.8
ATIS
133.5 270.275
CLNC DEL
135.05
GND CON
128.25 275.8
GATEWAY TOWER*
120.6 289.4

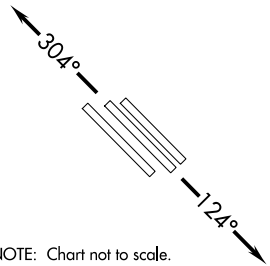
NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: SJN TRANSITION for ABQ terminal arrivals only.
NOTE: MAXXO TRANSITION ATC assigned only.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS, file YOTES DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK, file LALUZ DEPARTURE.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO, file FTHLS DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS

Rwys 12L/C/R: Standard with a minimum climb of 250′ per NM to 3100.
Rwys 30L/C/R: Standard.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/C/R: Climb heading 124° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAYS 30L/C/R: Climb heading 304° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to FORPE, then on track 055° to LALUZ, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (LALUZ6.ABQ)
MAXXO TRANSITION (LALUZ6.MAXXO)
ST JOHNS TRANSITION (LALUZ6.SJN)

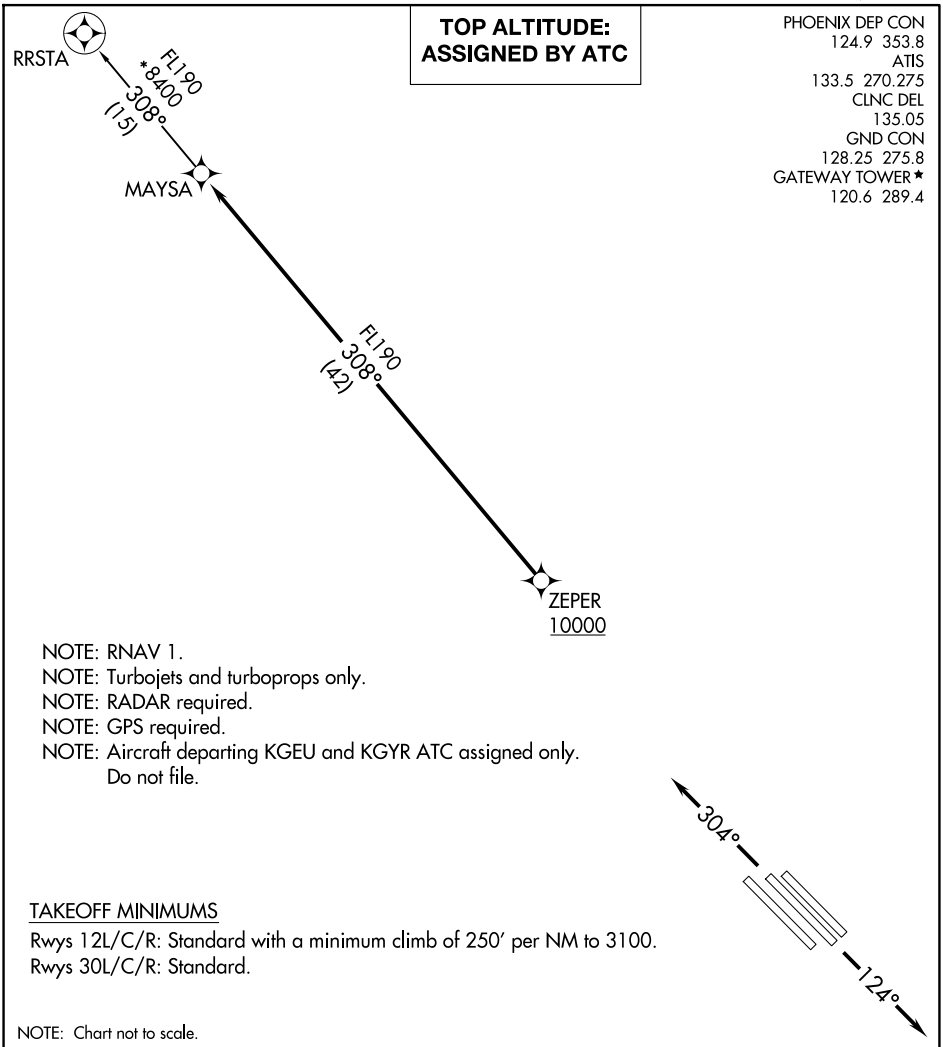
LALUZ SIX DEPARTURE (RNAV)
(LALUZ6.LALUZ) 25051
MESA GATEWAY (IWA)
PHOENIX, ARIZONA

AL-74 (FAA)

(MAYSA7.MAYSA) 25051

MAYSA SEVEN DEPARTURE (RNAV) AL-74 (FAA)

MESA GATEWAY (IWA)
PHOENIX, ARIZONA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/C/R: Climb on heading 124° or as assigned by ATC. Thence. . . .

TAKEOFF RUNWAYS 30L/C/R: Climb on heading 304° or as assigned by ATC. Thence. . . .

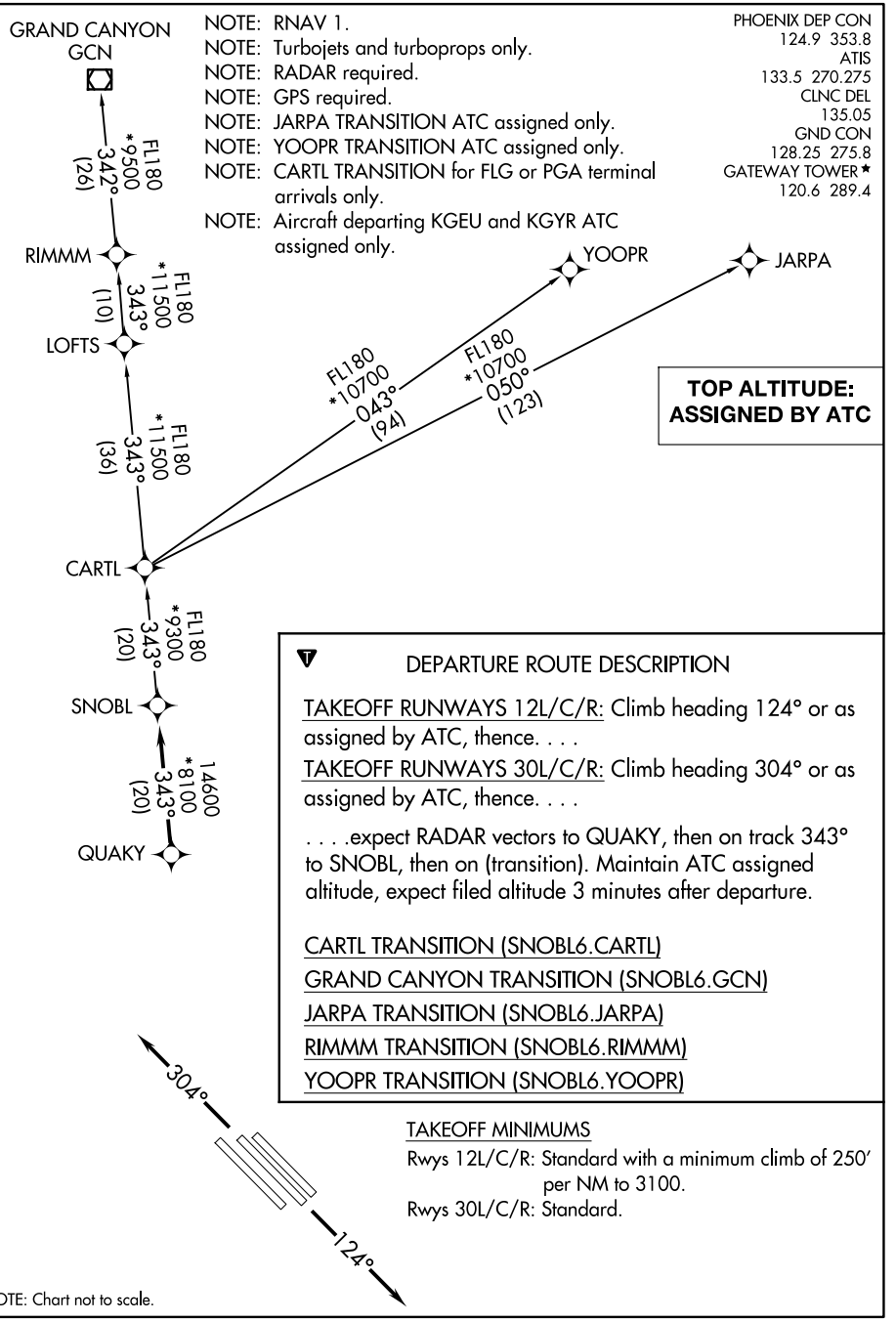
. . . .expect RADAR vectors to cross ZEPER at or above 10000, then on track 308° to MAYSA, then on RRSTA TRANSITION. Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

RRSTA TRANSITION (MAYSA7.RRSTA)

SW-4, 03 SEP 2026 to 29 OCT 2026

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: JARPA TRANSITION ATC assigned only.
NOTE: YOOPR TRANSITION ATC assigned only.
NOTE: CARTL TRANSITION for FLG or PGA terminal arrivals only.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

PHOENIX DEP CON
124.9 353.8
ATIS
133.5 270.275
CLNC DEL
135.05
GND CON
128.25 275.8
GATEWAY TOWER ★
120.6 289.4



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/C/R: Climb heading 124° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAYS 30L/C/R: Climb heading 304° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to QUAKY, then on track 343° to SNOBL, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

CARTL TRANSITION (SNOBL6.CARTL)
GRAND CANYON TRANSITION (SNOBL6.GCN)
JARPA TRANSITION (SNOBL6.JARPA)
RIMMM TRANSITION (SNOBL6.RIMMM)
YOOPR TRANSITION (SNOBL6.YOOPR)

TAKEOFF MINIMUMS
Rwys 12L/C/R: Standard with a minimum climb of 250′ per NM to 3100.
Rwys 30L/C/R: Standard.

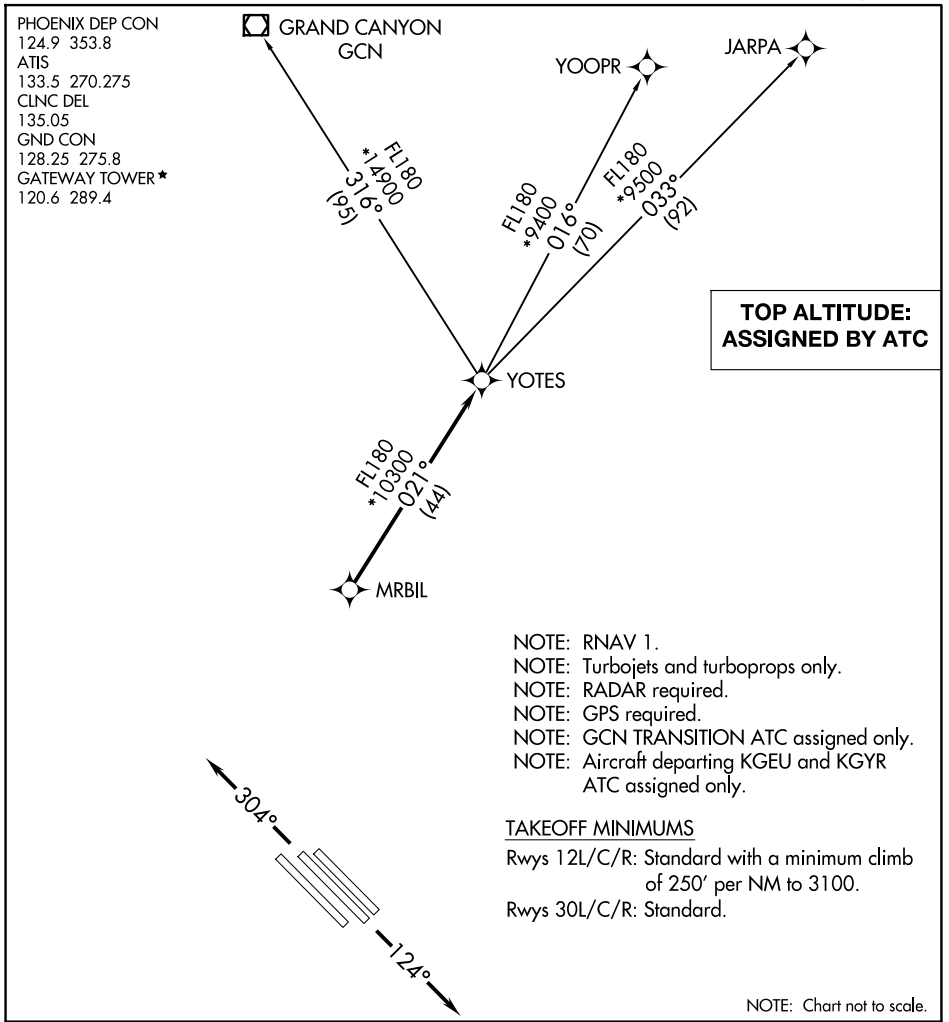
NOTE: Chart not to scale.

(YOTES6.YOTES) 25051

YOTES SIX DEPARTURE (RNAV)

AL-74 (FAA)

MESA GATEWAY (IWA)
PHOENIX, ARIZONA



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/C/R: Climb heading 124° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 30L/C/R: Climb heading 304° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to MRBIL, then on track 021° to YOTES, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

GRAND CANYON TRANSITION (YOTES6.GCN)

JARPA TRANSITION (YOTES6.JARPA)

YOOPR TRANSITION (YOTES6.YOOPR)

WAAS	APP CRS	Rwy Ldg	7299
CH 72917	074°	TDZE	1460
W07A		Apt Elev	1478

RNAV (GPS) RWY 7R

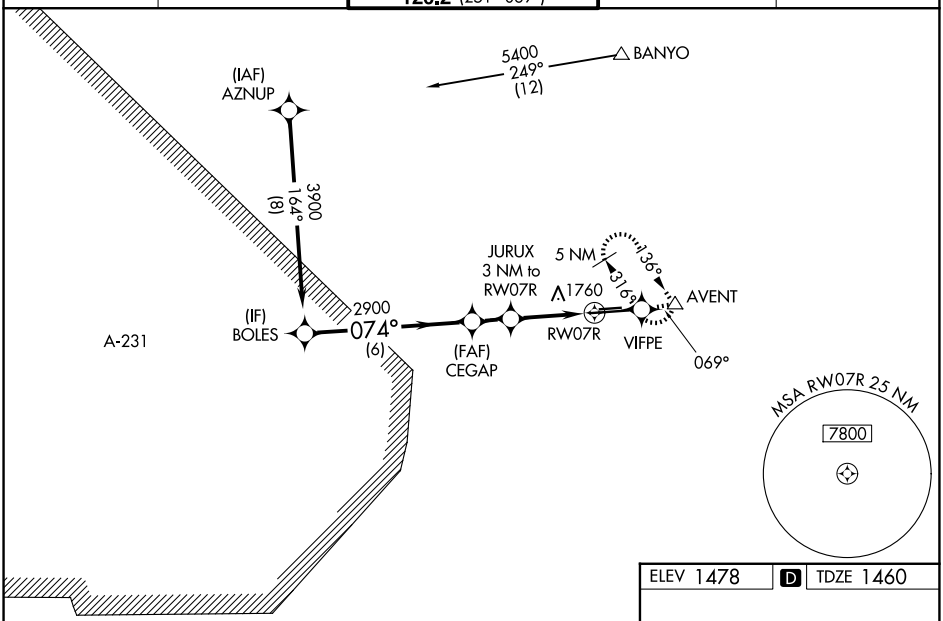
PHOENIX DEER VALLEY (DVT)

RNP APCH - GPS.

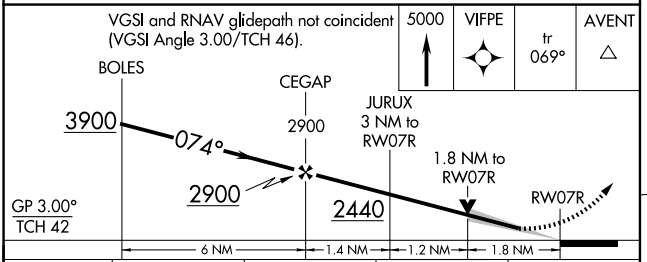
When VGSI inop, Circling Rwy 25R NA at night. When local altimeter setting not received, use Scottsdale altimeter setting: increase LPV DA to 1822 feet and all visibilities ⅛ SM, increase LNAV/VNAV DA to 2160 feet and all visibilities ⅛ SM, increase all MDAs 40 feet and increase Circling Cat B visibility ¼ SM. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. Baro VNAV and VDP NA when using Scottsdale altimeter setting. Circling NA north of Rwy 7R-25L at night.

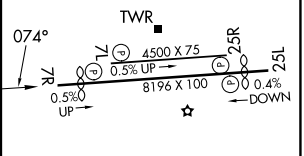
MISSED APPROACH: Climb to 5000 direct VIFPE and track 069° to AVENT and hold, continue climb-in-hold to 5000.

ATIS	PHOENIX APP CON	DEER VALLEY TOWER★	GND CON	UNICOM
126.5	120.7 239.0	118.4 (070°-250°) (CTAF) 120.2 (251°-069°)	121.8	122.95



ELEV 1478 D TDZE 1460





CATEGORY	A	B	C	D
LPV DA	1795-1⅛ 335 (400-1⅛)			
LNAV/VNAV DA	2133-2½ 673 (700-2½)			
LNAV MDA	2060-1 600 (600-1)		2060-1¾ 600 (600-1¾)	
CIRCLING	2400-1¼ 922 (1000-1¼)	2420-1¼ 942 (1000-1¼)	2580-3 1102 (1200-3)	2700-3 1222 (1300-3)

MIRL Rwys 7L-25R and 7R-25L
REIL Rwys 7L, 7R, 25L, and 25R

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA AL-6646 (FAA) 25275

WAAS	APP CRS	Rwy Ldg	7281
CH 90117	254°	TDZE	1475
W25A		Apt Elev	1478

RNAV (GPS) RWY 25L

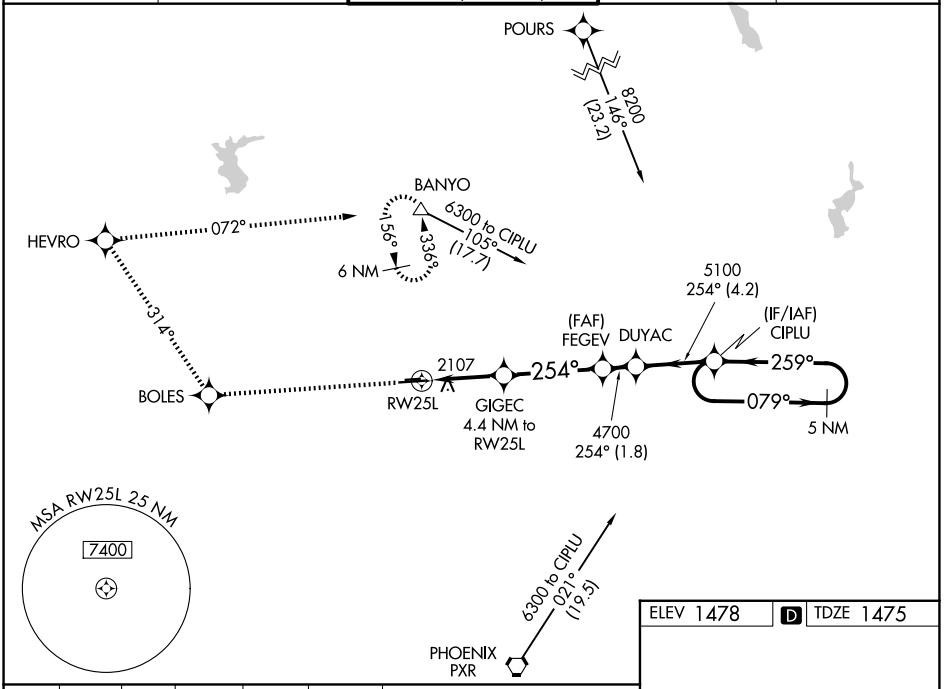
PHOENIX DEER VALLEY (DVT)

RNP APCH - GPS.

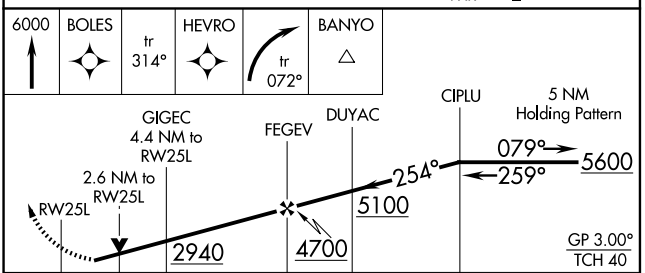
When VGSI inop, Circling to Rwy 25R NA at night. Circling NA north of Rwy 7R-25L at night. When local altimeter setting not received, use Scottsdale altimeter setting; increase LPV all Cats DA to 1877 feet and LPV all Cats visibility ⅛ SM. Increase all MDA 40 feet and Circling Cats B visibility ¼ SM. Rwy 25L helicopter visibility reduction below ¾ SM NA. VDP NA when using Scottsdale altimeter setting.

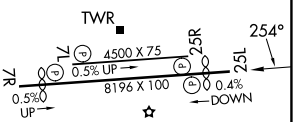
MISSED APPROACH: Climb to 6000 direct BOLES and on track 314° to HEVRO and right turn on track 072° to BANYO and hold.

ATIS	PHOENIX APP CON	DEER VALLEY TOWER ★	GND CON	UNICOM
126.5	120.7 239.0	118.4 (070°-250°) (CTAF) 120.2 (251°-069°)	121.8	122.95



ELEV 1478 D TDZE 1475





CATEGORY	A	B	C	D
LPV DA	1850-1¼ 375 (400-1¼)			
LNAV MDA	2360-1¼ 885 (900-1¼)		2360-2¾ 885 (900-2¾)	2360-3 885 (900-3)
CIRCLING	2400-1¼ 922 (1000-1¼)	2420-1¼ 942 (1000-1¼)	2580-3 1102 (1200-3)	2700-3 1222 (1300-3)

MIRL Rwys 7L-25R and 7R-25L
REIL Rwys 7L, 7R, 25L, and 25R

PHOENIX, ARIZONA
Orig-D 13JUL23

33°41′N-112°05′W

PHOENIX DEER VALLEY (DVT)
RNAV (GPS) RWY 25L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	N/A
254°	TDZE	N/A
	Apt Elev	1478

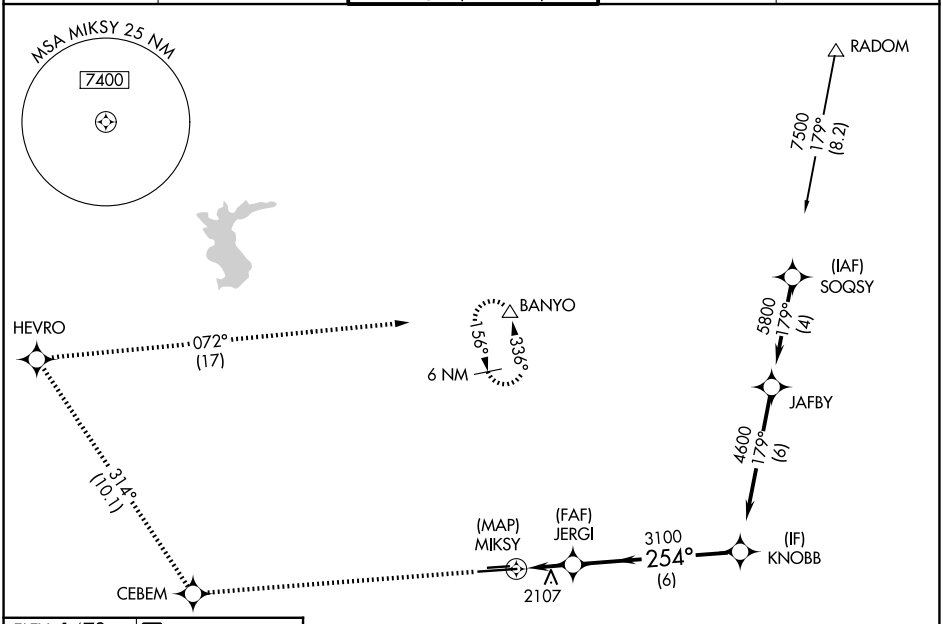
RNAV (GPS)-B
PHOENIX DEER VALLEY (DVT)

RNP APCH - GPS.

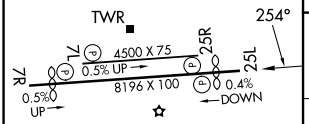
When VGSI inop, Circling to Rwy 25R NA at night. Circling not authorized at night north of Rwy 7R-25L. When local altimeter setting not received, use Scottsdale altimeter setting and increase all MDAs 40 feet and Circling Cat B visibility ¼ SM.

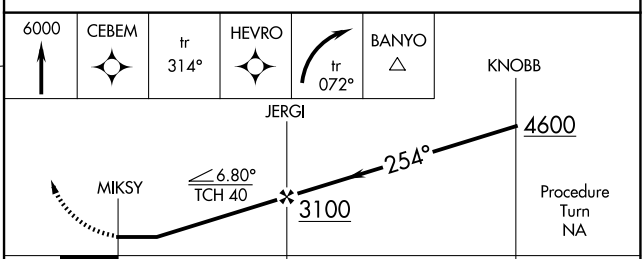
MISSED APPROACH: Climb to 6000 direct CEBEM and on track 314° to HEVRO and right turn on track 072° to BANYO and hold.

ATIS	PHOENIX APP CON	DEER VALLEY TOWER ★	GND CON	UNICOM
126.5	120.7 239.0	118.4 (070°-250°) (CTAF) 120.2 (251°-069°)	121.8	122.95



ELEV 1478 D





CATEGORY	A	B	C	D
CIRCLING	2400-1¼ 922 (1000-1¼)	2420-1¼ 942 (1000-1¼)	2580-3 1102 (1200-3)	NA

MIRL Rwys 7L-25R and 7R-25L
REIL Rwys 7L, 7R, 25L, and 25R

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26246

AIRPORT DIAGRAM

AL-6646 (FAA)

PHOENIX DEER VALLEY (DVT)

PHOENIX, ARIZONA

ATIS 126.5
DEER VALLEY TOWER ★ 118.4
ARR FM 070°-250° AND RY 07R-25L DEP 120.2
ARR FM 251°-069° AND RY 07L-25R DEP
GND CON 121.8
CLNC DEL 123.9
D

RWY 07L-25R S-119, D-186, 2D-315
RWY 07R-25L S-65, D-93, 2D-178

SW-4, 03 SEP 2026 to 29 OCT 2026

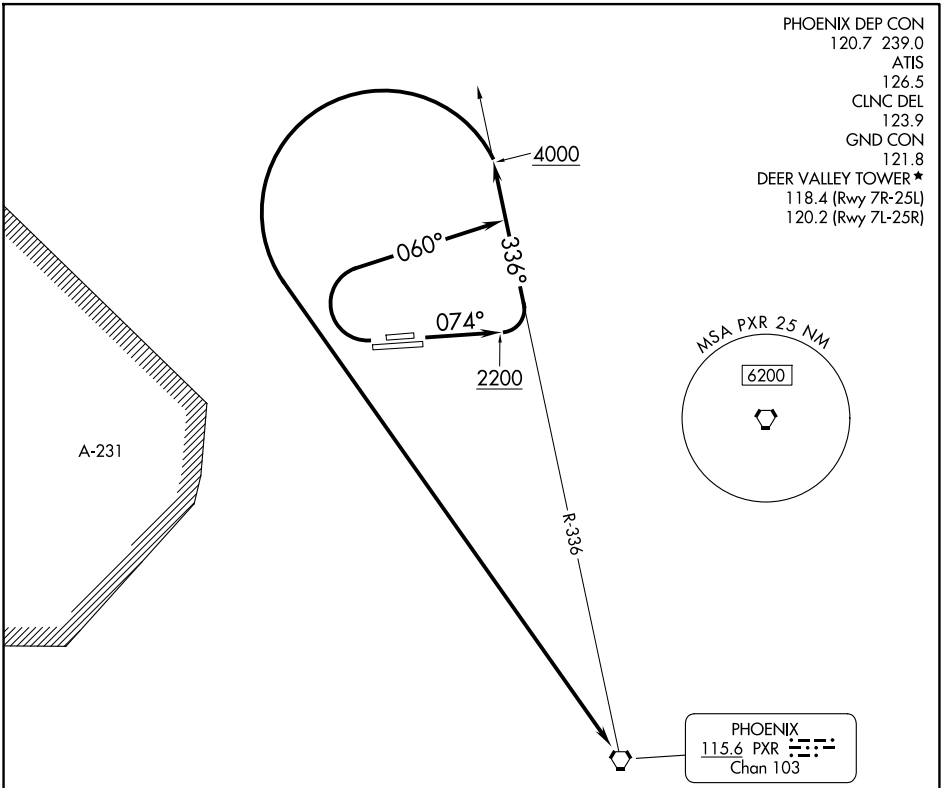
SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

26246

PHOENIX, ARIZONA
PHOENIX DEER VALLEY (DVT)

DEER VALLEY THREE DEPARTURE (OBSTACLE)



TAKEOFF MINIMUMS
Rwy 7L: Standard with minimum climb of 400′ per NM to 2200.
Rwy 7R: Standard with minimum climb of 675′ per NM to 1800.
Rwy 25L: Standard with minimum climb of 265′ per NM to 2600.
Rwy 25R: Standard with minimum climb of 285′ per NM to 2600.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R: Climb on heading 074° to 2200, then climbing left turn on PXR VORTAC R-336 northwest bound to 4000, thence. . . .

TAKEOFF RUNWAYS 25L/R: Climbing right turn on heading 060° and PXR VORTAC R-336 northwest bound to 4000, thence. . . .

. . . . left turn direct PXR VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

DEER VALLEY THREE DEPARTURE (OBSTACLE)

TAKEOFF OBSTACLE NOTES

Rwy 7L: General utility, vertical point beginning 30′ from DER, 120′ right of centerline, up to 3′ AGL/1479′ MSL.
Vertical point 33′ from DER, 125′ left of centerline, 2′ AGL/1479′ MSL.
Sign 89′ from DER, 160′ left of centerline, 3′ AGL/1480′ MSL.
Pole, Navaid beginning 340′ from DER, 315′ right of centerline, up to 13′ AGL/1488′ MSL.
Tree 665′ from DER, 537′ left of centerline, 1498′ MSL.
Trees beginning 746′ from DER, 499′ left of centerline, up to 1499′ MSL.
Tree 913′ from DER, 338′ left of centerline, 1502′ MSL.
Tree 3574′ from DER, 381′ left of centerline, 13′ AGL/1569′ MSL.
Terrain 3610′ from DER, 165′ left of centerline, 1579′ MSL.
Terrain, tree beginning 3611′ from DER, 253′ left of centerline, up to 1587′ MSL.
Vegetation 3686′ from DER, 38′ right of centerline, 3′ AGL/1570′ MSL.
Trees beginning 3693′ from DER, 380′ left of centerline, up to 10′ AGL/1602′ MSL.
Terrain, tree, vegetation beginning 3713′ from DER, 9′ left of centerline, up to 1624′ MSL.
Trees beginning 3824′ from DER, 0′ right of centerline, up to 1596′ MSL.

Rwy 7R: Lighting 42′ from DER, 484′ left of centerline, 1′ AGL/1482′ MSL.
Vegetation 146′ from DER, 515′ left of centerline, 1483′ MSL.
Tree 393′ from DER, 602′ left of centerline, 1488′ MSL.
Tree, pole beginning 513′ from DER, 499′ right of centerline, up to 1498′ MSL.
Tree 557′ from DER, 266′ left of centerline, 1494′ MSL.
Pole 848′ from DER, 503′ right of centerline, 24′ AGL/1507′ MSL.
Building 930′ from DER, 712′ right of centerline, 1510′ MSL.
Terrain 990′ from DER, 359′ right of centerline, 1514′ MSL.
Vertical structure 1027′ from DER, 602′ left of centerline, 1518′ MSL.
Pole 1028′ from DER, 601′ left of centerline, 39′ AGL/1526′ MSL.
Pole, vegetation, tree beginning 1031′ from DER, 384′ right of centerline, up to 28′ AGL/1536′ MSL.
Pole 1137′ from DER, 548′ left of centerline, 43′ AGL/1530′ MSL.
Pole, tree beginning 1149′ from DER, 707′ left of centerline, up to 48′ AGL/1536′ MSL.
Trees beginning 1845′ from DER, 878′ right of centerline, up to 1558′ MSL.
Trees beginning 1935′ from DER, 762′ left of centerline, up to 14′ AGL/1542′ MSL.
Trees beginning 1950′ from DER, 924′ right of centerline, up to 1578′ MSL.
Tree, vegetation beginning 1953′ from DER, 660′ left of centerline, up to 12′ AGL/1554′ MSL.
Terrain 2041′ from DER, 865′ left of centerline, 1579′ MSL.
Terrain, vegetation, tree beginning 2043′ from DER, 422′ left of centerline, up to 1587′ MSL.
Terrain, tree, vegetation beginning 2145′ from DER, 504′ left of centerline, up to 1624′ MSL.

Rwy 25L: Tree, fence beginning 19′ from DER, 498′ right of centerline, up to 1455′ MSL.
Tree 37′ from DER, 505′ left of centerline, 1461′ MSL.
Tree, building beginning 195′ from DER, 505′ left of centerline, up to 31′AGL/1465′ MSL.
Tree, building beginning 304′ from DER, 506′ right of centerline, up to 1469′ MSL.
Tree 421′ from DER, 498′ right of centerline, 1470′ MSL.
Tree, building, antenna, pole beginning 542′ from DER, 502′ right of centerline, up to 39′ AGL/1475′ MSL.
Tree, building, pole beginning 630′ from DER, 505′ left of centerline, up to 1467′ MSL.
Pole 1070′ from DER, 375′ left of centerline, 1468′ MSL.
Poles beginning 1077′ from DER, 374′ left of centerline, up to 39′ AGL/1470′ MSL.
Pole 1126′ from DER, 498′ right of centerline, 44′ AGL/1478′ MSL.
Poles beginning 1183′ from DER, 495′ left of centerline, up to 41′ AGL/1471′ MSL.
Signs beginning 1234′ from DER, 356′ left of centerline, up to 48′ AGL/1478′ MSL.

Rwy 25R: Lighting 30′ from DER, 114′ left of centerline, 3′ AGL/1456′ MSL.
Lighting, general utility beginning 30′ from DER, 112′ right of centerline, up to 2′ AGL/1456′ MSL.
General utility 31′ from DER, 112′ left of centerline, 4′ AGL/1457′ MSL.
Tree 1139′ from DER, 798′ right of centerline, 1490′ MSL.

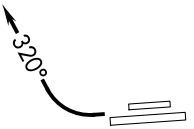
SW-4, 03 SEP 2026 to 29 OCT 2026

BNYRD SIX DEPARTURE (RNAV)

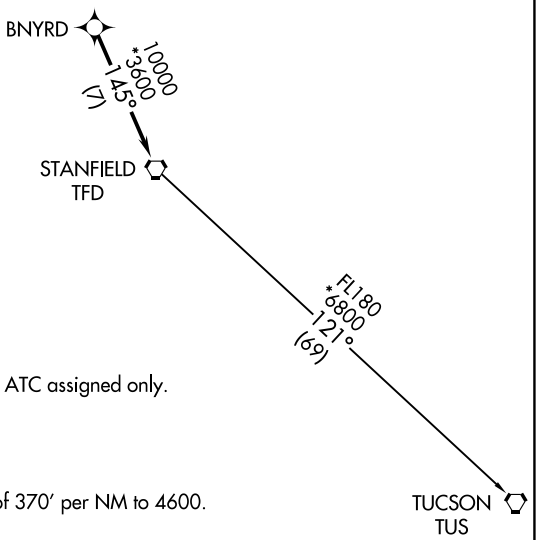
AL-6646 (FAA)

SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE: ASSIGNED BY ATC



ATIS
126.5
CLNC DEL
123.9
GND CON
121.8
DEER VALLEY TOWER★
118.4 (Rwy 7R-25L)
120.2 (Rwy 7L-25R)
PHOENIX DEP CON
120.7 239.0



NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS

Rwys 7L/R: NA - Obstacles.
Rwys 25L/R: Standard with minimum climb of 370' per NM to 4600.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 25L/R: Climbing right turn heading 320° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to BNYRD, then on track 145° to TFD VORTAC, then on (transition), maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

TUCSON TRANSITION (BNYRD6.TUS)

FTHLS SIX DEPARTURE (RNAV)

(FTHLS6.FTHLS) 24MAY18

PHOENIX DEER VALLEY (DVT)

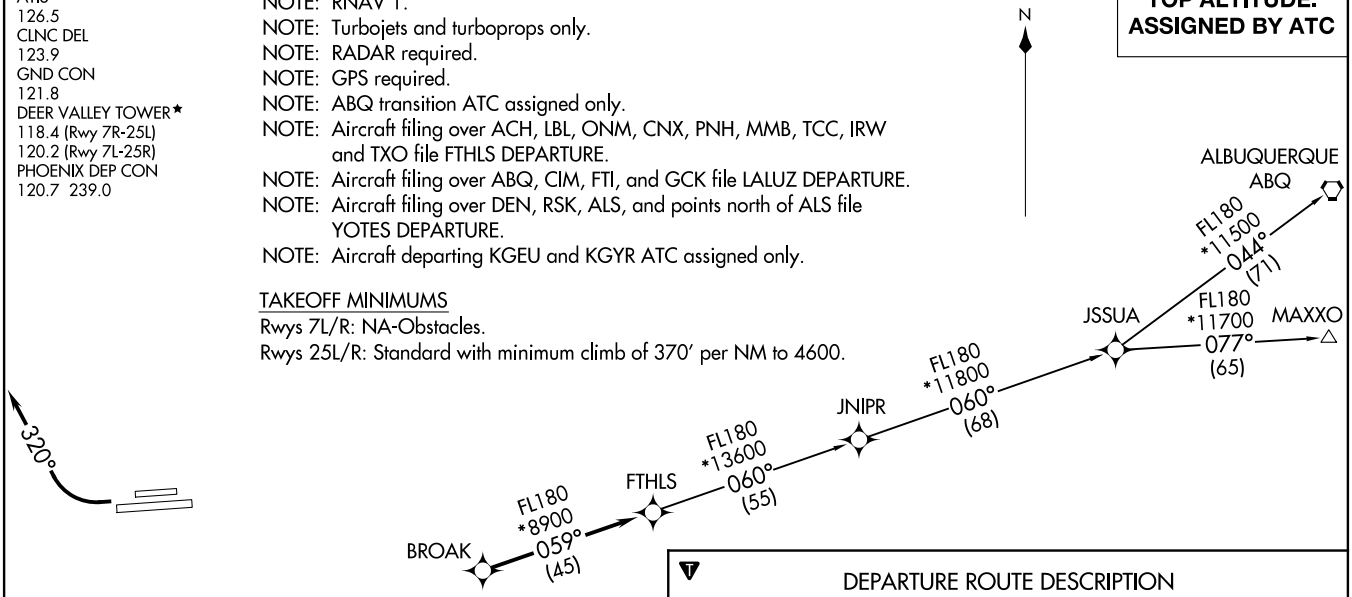
PHOENIX, ARIZONA

ATIS
126.5
CLNC DEL
123.9
GND CON
121.8
DEER VALLEY TOWER★
118.4 (Rwy 7R-25L)
120.2 (Rwy 7L-25R)
PHOENIX DEP CON
120.7 239.0

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: ABQ transition ATC assigned only.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO file FTHLS DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK file LALUZ DEPARTURE.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS file YOTES DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 7L/R: NA-Obstacles.
Rwys 25L/R: Standard with minimum climb of 370′ per NM to 4600.

TOP ALTITUDE: ASSIGNED BY ATC



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 25L/R: Climbing right turn heading 320° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to BROAK, then on track 059° to FTHLS, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (FTHLS6.ABQ)
JNIPR TRANSITION (FTHLS6.JNIPR)
MAXXO TRANSITION (FTHLS6.MAXXO)

NOTE: Chart not to scale.

(FTHLS6.FTHLS) 18144

FTHLS SIX DEPARTURE (RNAV)

PHOENIX DEER VALLEY (DVT)

PHOENIX, ARIZONA

AL-6646 (FAA)

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX DEP CON
120.7 239.0
ATIS
126.5
CLNC DEL
123.9
GND CON
121.8
DEER VALLEY TOWER ★
118.4 (Rwy 7R-25L)
120.2 (Rwy 7L-25R)

TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - GPS.
RADAR required.

NOTE: Turbojets and turboprops only.
NOTE: Aircraft requesting FL220 and below must file BLYTHE Transition.
NOTE: Turbojets landing LAX, file WLVRN Transition.
NOTE: Aircraft landing other than LAX and turboprops landing at LAX: Requesting FL240 and above, file HRRBR Transition.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 7L/R: NA - Obstacles.
Rwys 25L/R: Standard with minimum climb of 370'/NM to 4600.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 25L/R: Climbing right turn heading 320° or as assigned by ATC, thence. . . .

. . . .for RADAR vectors to KEENS, then on track 259° to IZZZO, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

BLYTHE TRANSITION (IZZZO8.BLH)

HRRBR TRANSITION (IZZZO8.HRRBR)

WLVRN TRANSITION (IZZZO8.WLVRN)

(JUDTH7.JUDTH) 18144

JUDTH SEVEN DEPARTURE (RNAV)

PHOENIX DEER VALLEY (DVT)
PHOENIX, ARIZONA

AL-6646 (FAA)

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: Chart not to scale.

ATIS 126.5
CLNC DEL 123.9
GND CON 121.8
DEER VALLEY TOWER★ 118.4 (Rwy 7R-25L) 120.2 (Rwy 7L-25R)
PHOENIX DEP CON 120.7 239.0

320°

N

TAKEOFF MINIMUMS
Rwys 7L/R: NA - Obstacles.
Rwys 25L/R: Standard with minimum climb of 370' per NM to 4600.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

GILA BEND
GBN

FL180
*3800
249°
(52)

JUDTH

FL180
*4000
248°
(15)

MOHAK

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 25L/R: Climbing right turn heading 320° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to GBN VORTAC, then on track 249° to JUDTH, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

MOHAK TRANSITION (JUDTH7.MOHAK)

JUDTH SEVEN DEPARTURE (RNAV)
(JUDTH7.JUDTH) 24MAY18
PHOENIX, ARIZONA
PHOENIX DEER VALLEY (DVT)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE: ASSIGNED BY ATC

320°

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 25L/R: Climbing right turn heading 320° or as assigned by ATC, thence. . . .

. . . .on RADAR vectors to ECLPS, then on track 111° to KATMN, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

PHASE TRANSITION (KATMN6.PHASE)

ATIS 126.5
CLNC DEL 123.9
GND CON 121.8
DEER VALLEY TOWER ★ 118.4 (Rwy 7R-25L) 120.2 (Rwy 7L-25R)
PHOENIX DEP CON 120.7 239.0

N

ECLPS
FL180 *7600 111° (47)
KATMN
FL180 *7600 093° (48)
BOXXR
FL180 *9100 086° (31)
PHASE

NOTE: Chart not to scale.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 7L/R: NA-obstacles.
Rwys 25L/R: Standard with minimum climb of 370' per NM to 4600.

LALUZ SIX DEPARTURE (RNAV)

(LALUZ6.LALUZ) 24MAY18

PHOENIX DEER VALLEY (DVT)

PHOENIX, ARIZONA

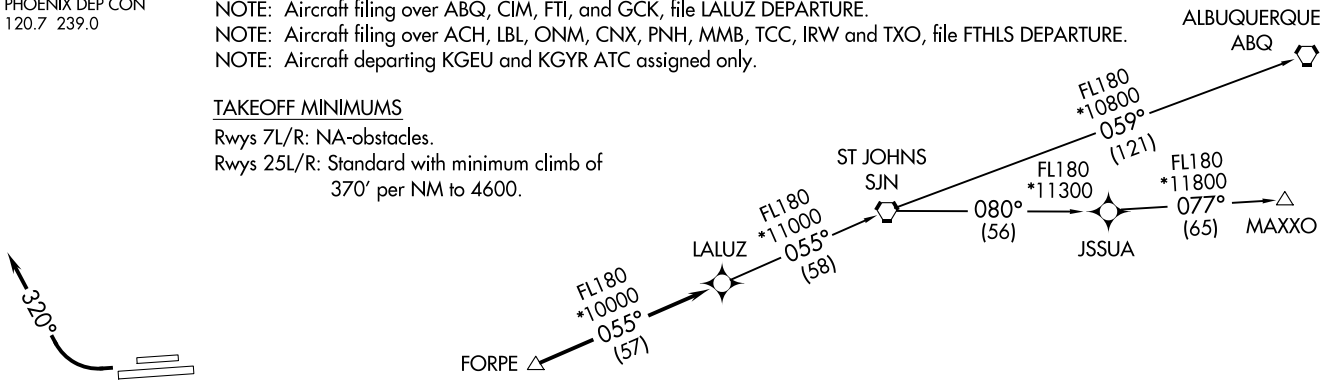
ATIS
126.5
CLNC DEL
123.9
GND CON
121.8
DEER VALLEY TOWER★
118.4 (Rwy 7R-25L)
120.2 (Rwy 7L-25R)
PHOENIX DEP CON
120.7 239.0

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: SJN TRANSITION for ABQ terminal arrivals only.
NOTE: MAXXO TRANSITION ATC assigned only.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS, file YOTES DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK, file LALUZ DEPARTURE.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO, file FTHLS DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS

Rwys 7L/R: NA-obstacles.
Rwys 25L/R: Standard with minimum climb of 370′ per NM to 4600.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 25L/R: Climbing right turn heading 320° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to FORPE, then on track 055° to LALUZ, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (LALUZ6.ABQ)

MAXXO TRANSITION (LALUZ6.MAXXO)

ST JOHNS TRANSITION (LALUZ6.SJN)

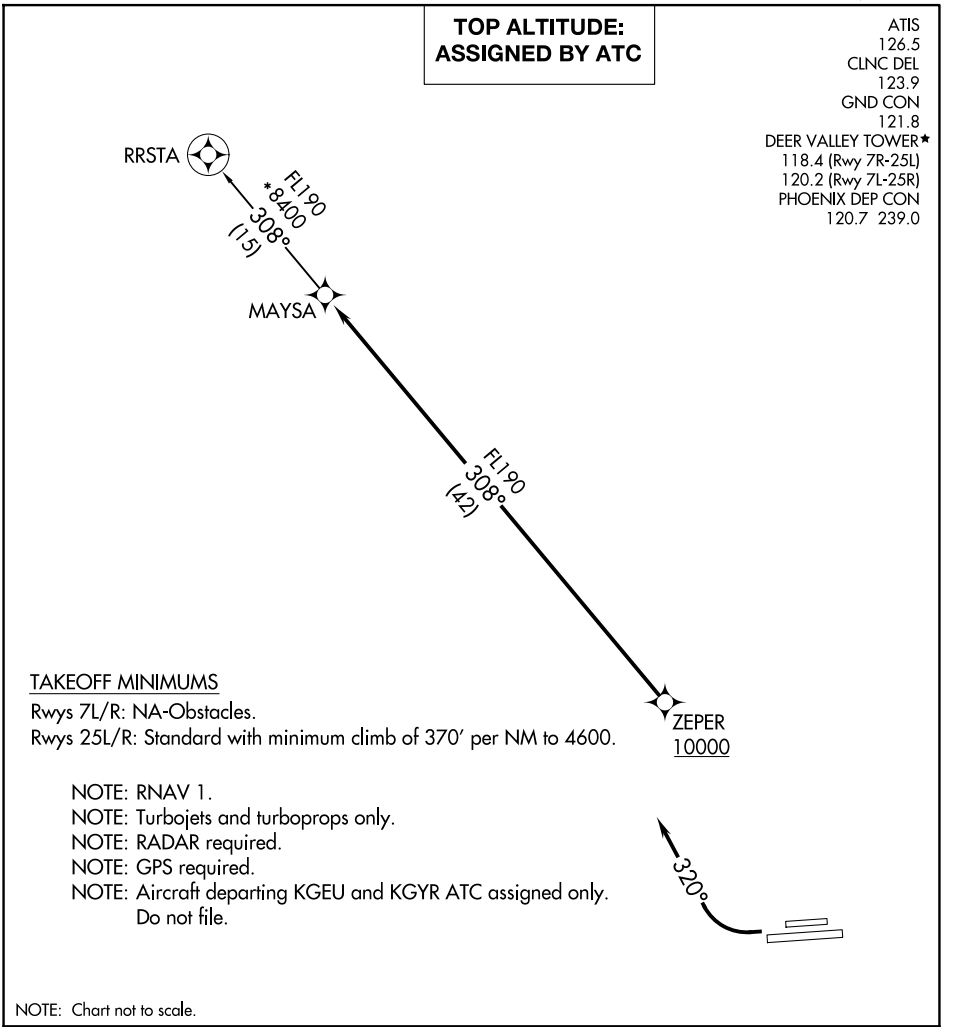
(LALUZ6.LALUZ) 18144

LALUZ SIX DEPARTURE (RNAV)

PHOENIX DEER VALLEY (DVT)

PHOENIX, ARIZONA

AL-6646 (FAA)



TAKEOFF MINIMUMS

Rwys 7L/R: NA-Obstacles.

Rwys 25L/R: Standard with minimum climb of 370′ per NM to 4600.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only. Do not file.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 25L/R: Climbing right turn heading 320° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to cross ZEPER at or above 10000, then on track 308° to MAYSA, then on RRSTA TRANSITION. Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

RRSTA TRANSITION (MAYSA7.RRSTA)

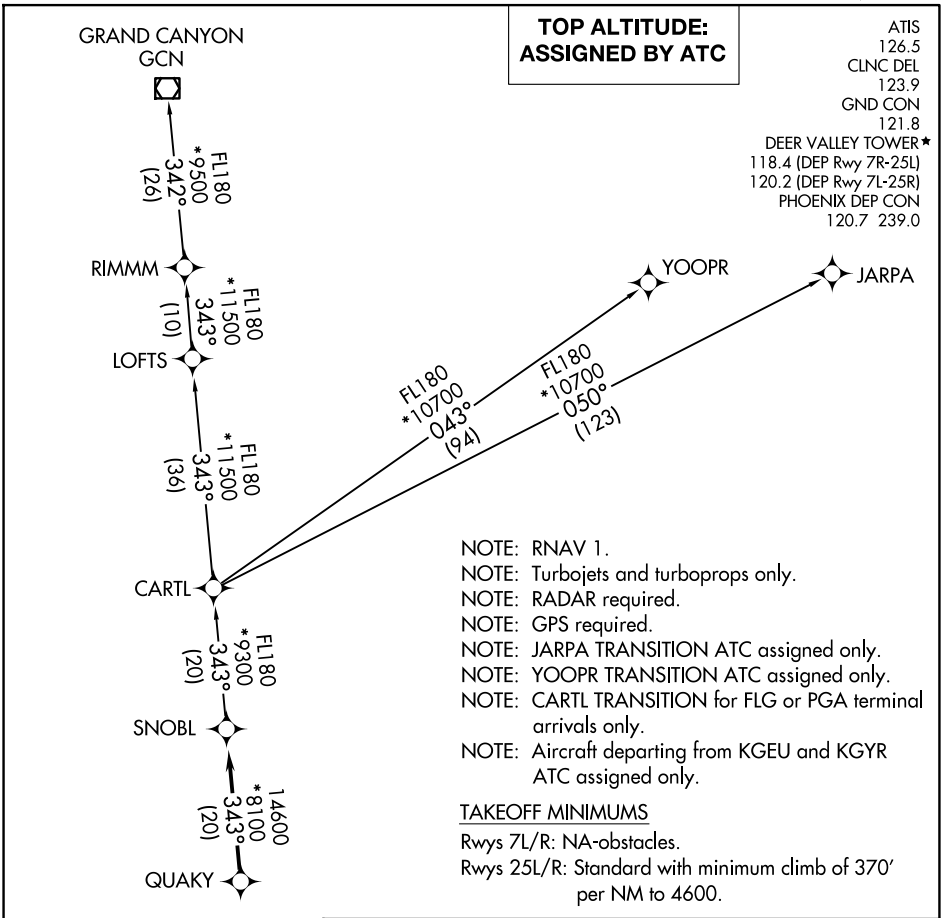
SW-4, 03 SEP 2026 to 29 OCT 2026

(SNOBL6.SNOBL) 18144

SNOBL SIX DEPARTURE (RNAV)

AL-6646 (FAA)

PHOENIX DEER VALLEY (DVT)
PHOENIX, ARIZONA



NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: JARPA TRANSITION ATC assigned only.
NOTE: YOOPR TRANSITION ATC assigned only.
NOTE: CARTL TRANSITION for FLG or PGA terminal arrivals only.
NOTE: Aircraft departing from KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS

Rwys 7L/R: NA-obstacles.
Rwys 25L/R: Standard with minimum climb of 370' per NM to 4600.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 25L/R: Climbing right turn heading 320° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to QUAKY, then on track 343° to SNOBL, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

CARTL TRANSITION (SNOBL6.CARTL)
GRAND CANYON TRANSITION (SNOBL6.GCN)
JARPA TRANSITION (SNOBL6.JARPA)
RIMMM TRANSITION (SNOBL6.RIMMM)
YOOPR TRANSITION (SNOBL6.YOOPR)

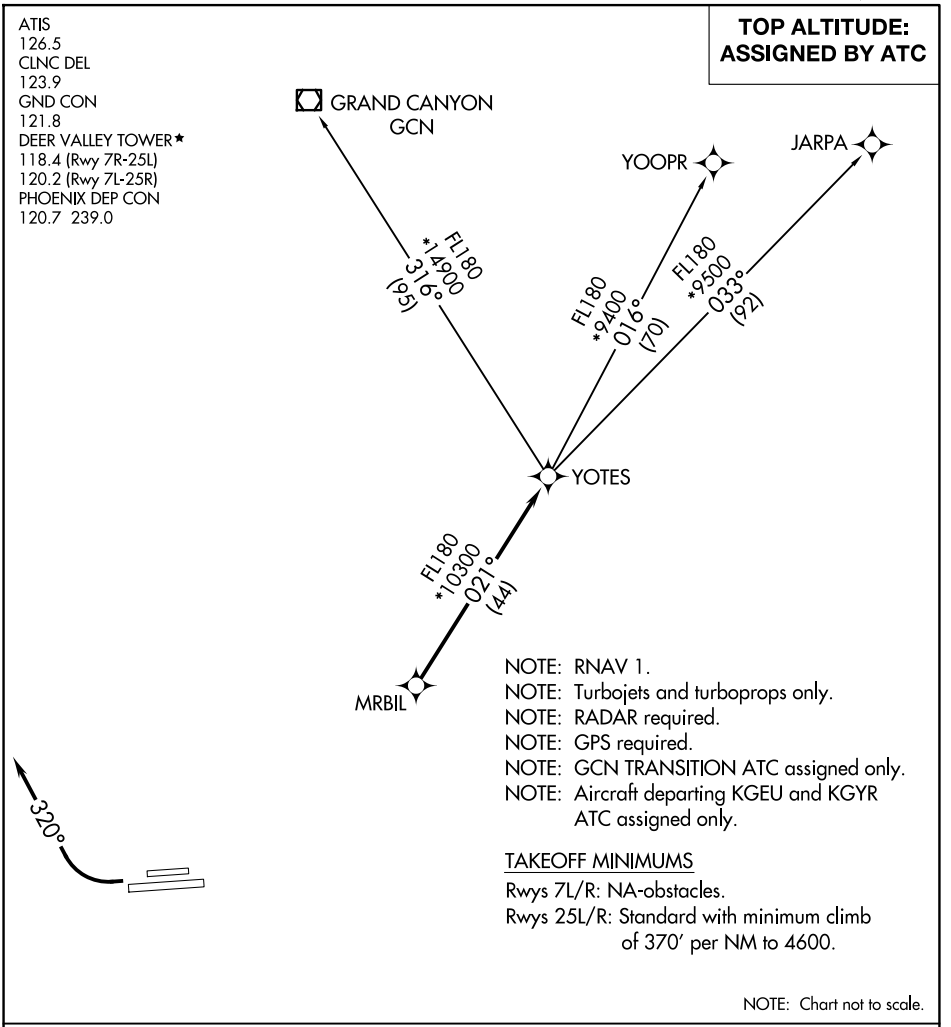
NOTE: Chart not to scale.

SW-4, 03 SEP 2026 to 29 OCT 2026

SNOBL SIX DEPARTURE (RNAV)
(SNOBL6.SNOBL) 24MAY18
PHOENIX, ARIZONA
PHOENIX DEER VALLEY (DVT)

YOTES SIX DEPARTURE (RNAV)

AL-6646 (FAA)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 25L/R: Climbing right turn heading 320° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to MRBIL, then on track 021° to YOTES, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

GRAND CANYON TRANSITION (YOTES6.GCN)

JARPA TRANSITION (YOTES6.JARPA)

YOOPR TRANSITION (YOTES6.YOOPR)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA

AL-322 (FAA)

25331

ILS or LOC RWY 7R

PHOENIX SKY HARBOR INTL (PHX)

LOC/DME I-AHA	APP CRS	Rwy Ldg	7800
110.75	078°	TDZE	1116
Chan 44 (Y)		Apt Elev	1135

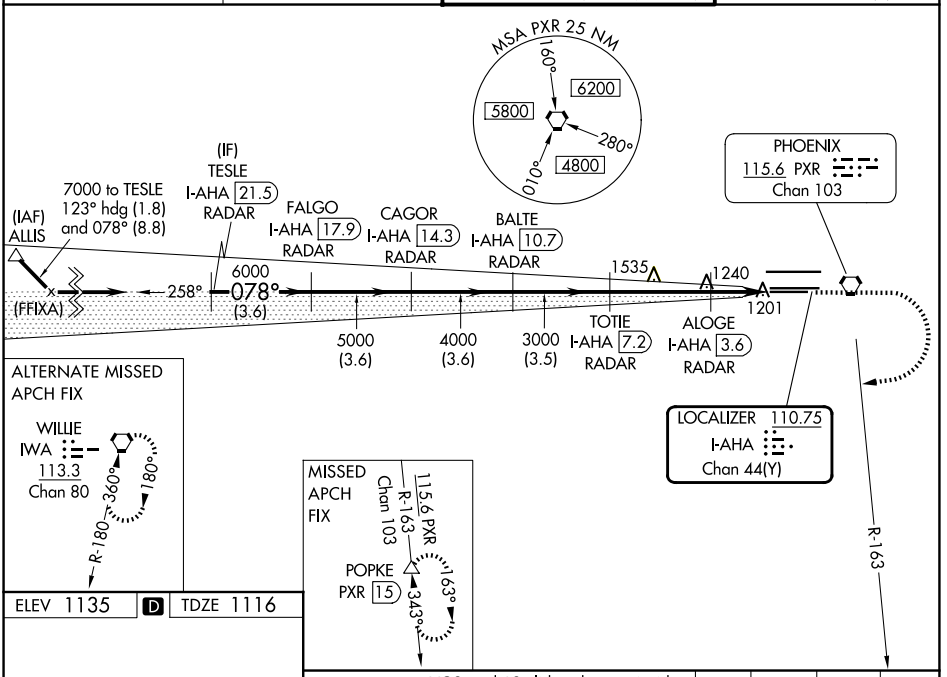
DME required.

T A Inop table does not apply to S-ILS 7R. Simultaneous approach authorized with ILS or LOC Rwy 8 and RNAV (GPS) Y Rwy 8. Rwy 7R helicopter visibility reduction below ¾ SM NA. LOC procedure NA during simultaneous operations. For inop ALS, increase S-LOC 7R visibility Cats A/B to 1 SM and Cats C/D to 1⅛ SM.

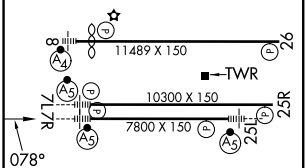
MALSR

MISSED APPROACH: Climb to 3300 then climbing right turn to 5000 on heading 250° and PXR VORTAC R-163 to POPKE/PXR 15 DME and hold.

D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)



ELEV 1135 D TDZ 1116

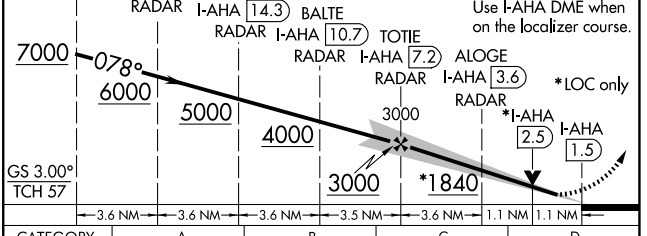


HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 70).

3300	5000 hdg 250°	PXR R-163	POPKE △

Use I-AHA DME when on the localizer course.



FAF to MAP 5.8 NM

Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

CATEGORY	A	B	C	D
S-ILS 7R	1369-¾ 253 (300-¾)			
S-LOC 7R	1520-¾ 404 (400-¾)			
CIRCLING	1740-1 605 (700-1)		2040-2¾ 905 (1000-2¾)	2560-3 1425 (1500-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-SYQ	APP CRS	Rwy Ldg	10591
111.75	078°	TDZE	1118
Chan 54 (Y)		Apt Elev	1135

ILS or LOC RWY 8

PHOENIX SKY HARBOR INTL (PHX)

DME or RADAR required.

Autopilot coupled approach NA below 1307 MSL. Inop table does not apply to S-ILS 8. Simultaneous approach authorized. For inop ALS increase S-LOC 8 Cat C/D visibility to 2 SM.

MALSF

MISSED APPROACH: Climb to 3000 then climbing left turn to 5000 on heading 280° and PXR VORTAC R-336 to AVENT INT/15.9 DME and hold.

D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)

ALTERNATE MISSED APCH FIX

WILLIE
IWA
113.3
Chan 80

360° 180° R-180

MSA PXR 25 NM

160° 6200 5800 280° 010° 4800

156° 336° AVENT PXR 15.9

R-336

LOCALIZER 111.75
I-SYQ
Chan 54(Y)

6000 to SARTE
123° hdg (0.9) and
078° (9.4)

(IF) ILIKE I-SYQ 14.9 RADAR

(IAF) ALLIS

SARTE I-SYQ 22.1 RADAR

HIKID I-SYQ 18.5 RADAR

JAMIL I-SYQ 11.3 RADAR

WAZUP I-SYQ 7.7 RADAR

258° 6000 078° (3.6) 5000 078° (3.6) 4000 078° (3.6) 3000 (3.6) 1535

PHOENIX
115.6 PXR
Chan 103

ELEV 1135 D TDZE 1118

078°

11489 X 150 26

TWR

10300 X 150 7L 25R

7800 X 150 25L

HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 69).

3000 5000 hdg 280° PXR R-336 AVENT

Use I-SYQ DME when on the localizer course.

ILIKE I-SYQ 14.9 RADAR

JAMIL I-SYQ 11.3 RADAR

WAZUP I-SYQ 7.7 RADAR

5000 078° 4000 3000

I-SYQ 4

I-SYQ 1.9

GS 3.00°
TCH 55

3.6 NM 3.6 NM 3.7 NM 2.1 NM

CATEGORY	A	B	C	D
S-ILS 8	1368-¾ 250 (300-¾)			
S-LOC 8	1860-¾ 742 (800-¾)	1860-1 742 (800-1)	1860-1⅞ 742 (800-1⅞)	
CIRCLING	1860-1 725 (800-1)	1860-1¼ 725 (800-1¼)	2040-2¾ 905 (1000-2¾)	2560-3 1425 (1500-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA | AL-322 (FAA) | 25331

LOC/DME I-RJG	APP CRS	Rwy Ldg	7800
110.75	258°	TDZE	1126
Chan 44 (Y)		Apt Elev	1135

ILS or LOC RWY 25L

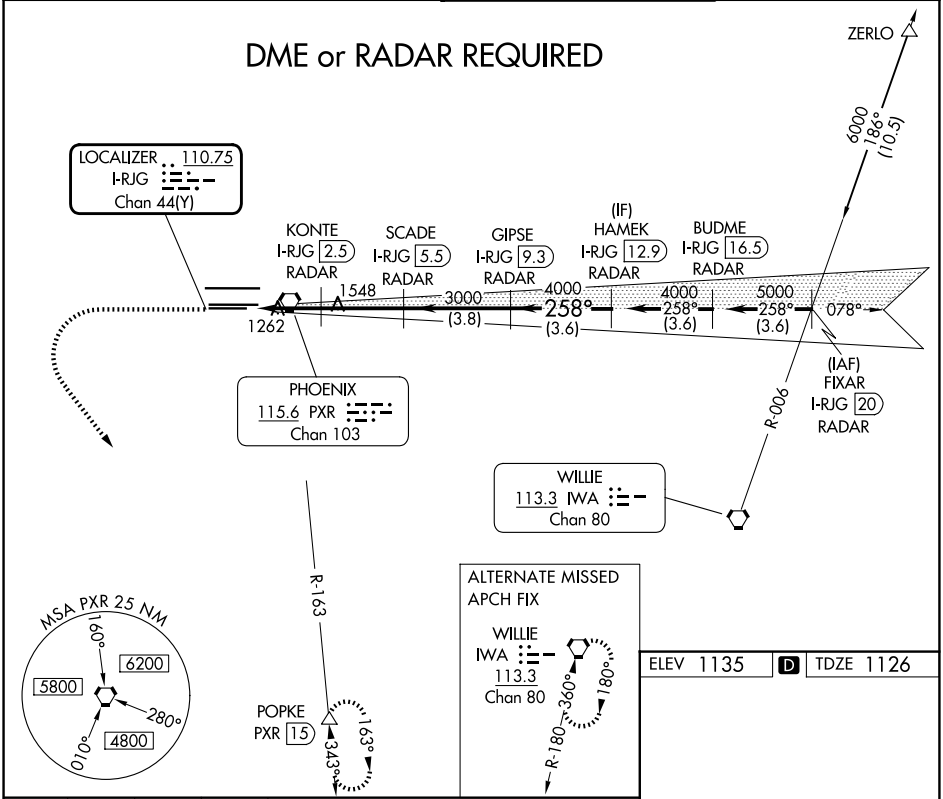
PHOENIX SKY HARBOR INTL (PHX)

Autopilot coupled approach NA below 1925.
Simultaneous approach authorized with Rwy 26.

MALSR

MISSED APPROACH: Climb to 3000 then climbing left turn to 5000 on heading 130° and PXR R-163 to POPKE/15 DME and hold.

D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)



ELEV 1135 | D | TDZE 1126

3000	5000	PXR	POPKE
	hdg 130°	R-163	△

Use I-RJG DME when on the localizer course.

I-RJG 0.2

KONTE I-RJG 2.5 RADAR

*LOC only

SCADE I-RJG 5.5 RADAR

GIPSE I-RJG 9.3 RADAR

HAMEK I-RJG 12.9 RADAR

3000

258°

4000

4000

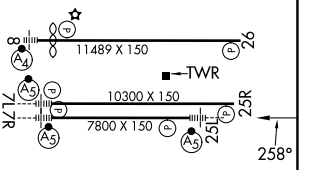
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/ TCH 66).

GS 3.00°
TCH 49

2040*

3000

2.7 NM | 3 NM | 3.8 NM | 3.6 NM



CATEGORY	A	B	C	D
S-ILS 25L	1326-½ 200 (200-½)			
S-LOC 25L	1520-½ 394 (400-½)			1520-¾ 394 (400-¾)
CIRCLING	1740-1 605 (700-1)		2040-2¾ 905 (1000-2¾)	2560-3 1425 (1500-3)

HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

FAF to MAP 5.6 NM

Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

PHOENIX, ARIZONA
Amdt 1H 23APR20

33°26'N-112°01'W

PHOENIX SKY HARBOR INTL (PHX)

ILS or LOC RWY 25L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ILS or LOC RWY 26

PHOENIX SKY HARBOR INTL (PHX)

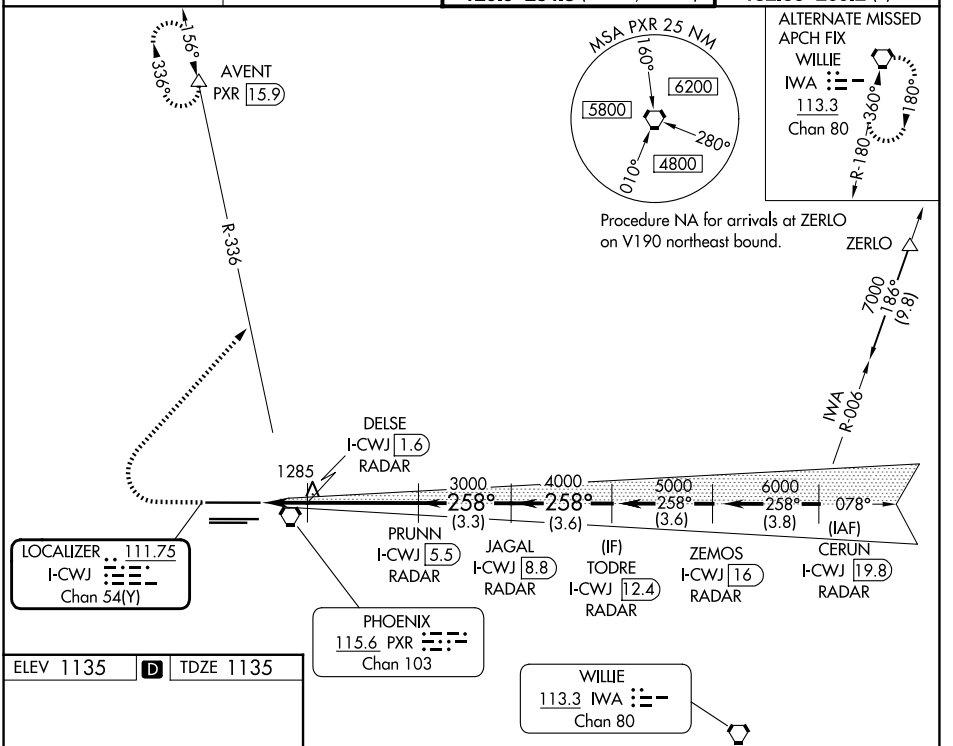
LOC/DME I-CWJ	APP CRS	Rwy Ldg	11489
111.75	258°	TDZE	1135
Chan 54 (Y)		Apt Elev	1135

DME or RADAR required.

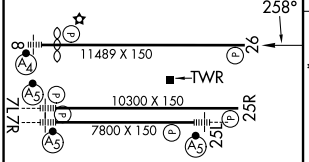
Simultaneous approach authorized.

MISSED APPROACH: Climb to 2500 then climbing right turn to 5000 on heading 030° and PXR VORTAC R-336 to AVENT/PXR 15.9 DME and hold.

D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)



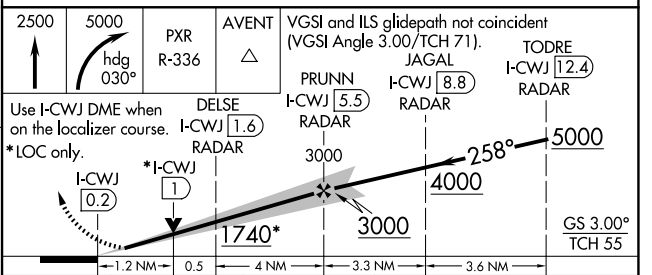
ELEV 1135 | D | TDZE 1135



HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54



CATEGORY	A	B	C	D
S-ILS 26	1385-¾ 250 (300-¾)			
S-LOC 26	1580-1 445 (500-1)		1580-1⅜ 445 (500-⅜)	
CIRCLING	1740-1 605 (700-1)		2040-2¾ 905 (1000-2¾)	2560-3 1425 (1500-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA | AL-322 (FAA) | 25331

LOC/DME I-PHX	APP CRS	Rwy Ldg	10300
111.5	078°	TDZE	1116
Chan 52		Apt Elev	1135

ILS or LOC/DME RWY 7L

PHOENIX SKY HARBOR INTL (PHX)

For inoperative ALS, increase S-LOC 7L Cats C/D visibility to RVR 5500.

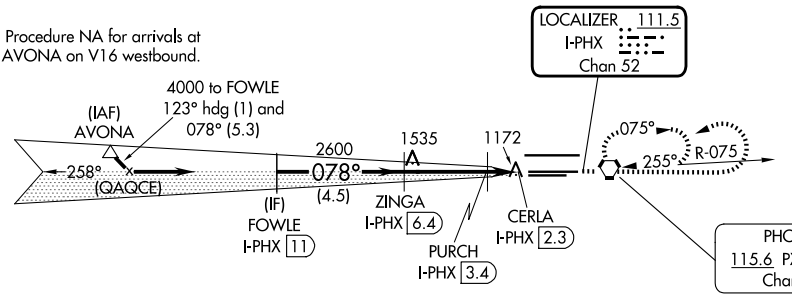
MALSR

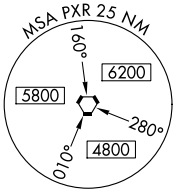
MISSED APPROACH: Climb to 5000 then left turn direct PXR VORTAC and hold.

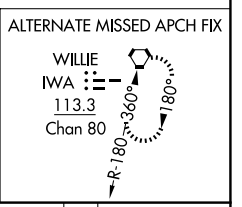
D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)

DME REQUIRED

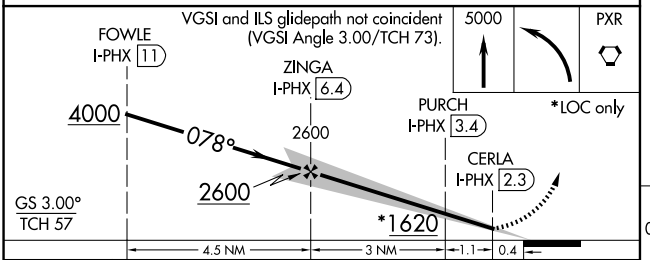
Procedure NA for arrivals at AVONA on V16 westbound.

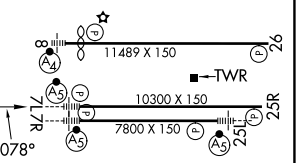






ELEV 1135 | D | TDZE 1116





CATEGORY	A	B	C	D
S-ILS 7L	1326/24 210 (200-½)			
S-LOC 7L	1460/24 344 (400-½)		1460/30 344 (400-⅝)	
CIRCLING	1740-1 605 (700-1)		2040-2¾ 905 (1000-2¾)	2560-3 1425 (1500-3)

HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

PHOENIX, ARIZONA
Amdt 11B 23APR20

PHOENIX SKY HARBOR INTL (PHX)
33°26'N-112°01'W
ILS or LOC/DME RWY 7L

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH 65811 W07A	APP CRS 078°	Rwy Ldg 10300 TDZE 1116 Apt Elev 1135

RNAV (GPS) Y RWY 7L

PHOENIX SKY HARBOR INTL (PHX)

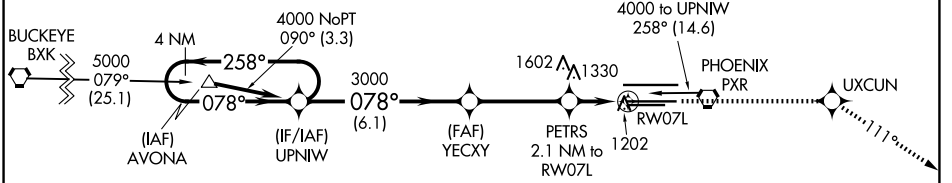
RNP APCH - GPS.

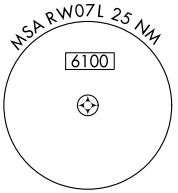
T A For inop ALS, increase visibility LPV all Cats to RVR 4500, LNAV/VNAV all Cats to RVR 6000, LNAV Cats C/D to 1⅜ SM. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 46°C. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations.

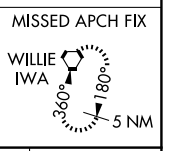
MALSR

MISSED APPROACH: Climb to 5000 direct UXCUN and via 111° track to IWA VORTAC and hold.

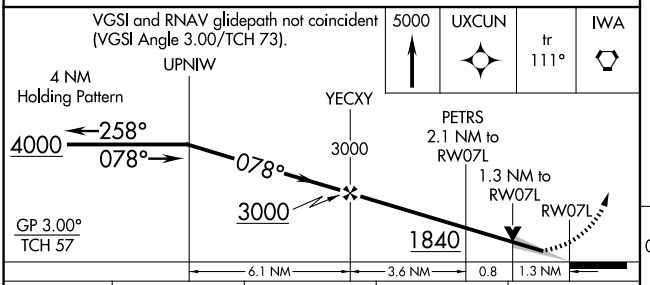
D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)

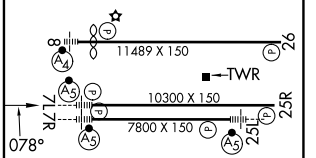






ELEV 1135 D TDZE 1116





CATEGORY	A	B	C	D
LPV DA	1389/24 273 (300-½)			
LNAV/VNAV DA	1519/50 403 (400-1)			
LNAV MDA	1580/24 464 (500-½)		1580/40 464 (500-¾)	1580/50 464 (500-1)
CIRCLING	1740-1 605 (700-1)		2040-2¾ 905 (1000-2¾)	2560-3 1425 (1500-3)

HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) Y RWY 7R

PHOENIX SKY HARBOR INTL (PHX)

WAAS CH 73011 W07B	APP CRS 078°	Rwy Ldg 7800 TDZE 1116 Apt Elev 1135

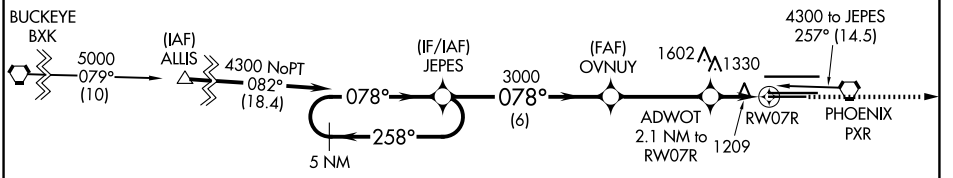
RNP APCH - GPS.

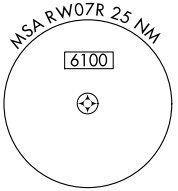
For inop ALS, increase visibility LPV all Cats to ⅞ SM, LNAV/VNAV all Cats to 1⅛ SM, LNAV Cats A/B to 1 SM and C/D to 1⅜ SM. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 46°C. Rwy 7R helicopter visibility reduction below ¾ SM NA. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations.

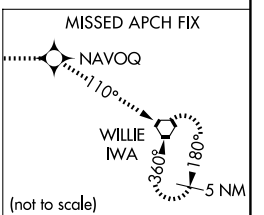
MALSR

MISSED APPROACH: Climb to 5000 direct NAVOQ and via 110° track to IWA VORTAC and hold.

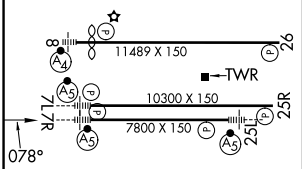
D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)

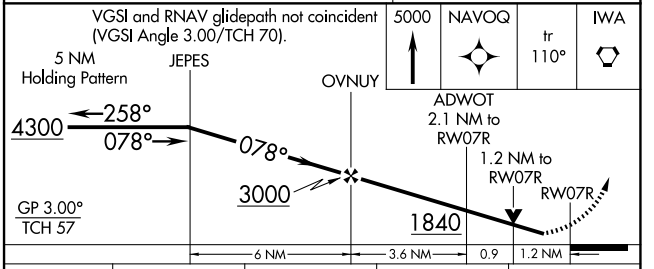






ELEV 1135 D TDZE 1116





CATEGORY	A	B	C	D
LPV DA	1390-¾ 274 (300-¾)			
LNAV/VNAV DA	1520-1 404 (400-1)			
LNAV MDA	1580-¾ 464 (500-¾)		1580-1 464 (500-1)	
CIRCLING	1740-1 605 (700-1)		2040-2¾ 905 (1000-2¾)	2560-3 1425 (1500-3)

HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH **86611** **W08A**	APP CRS **078°**	Rwy Ldg **10591** TDZE **1118** Apt Elev **1135**

RNAV (GPS) Y RWY 8

PHOENIX SKY HARBOR INTL (PHX)

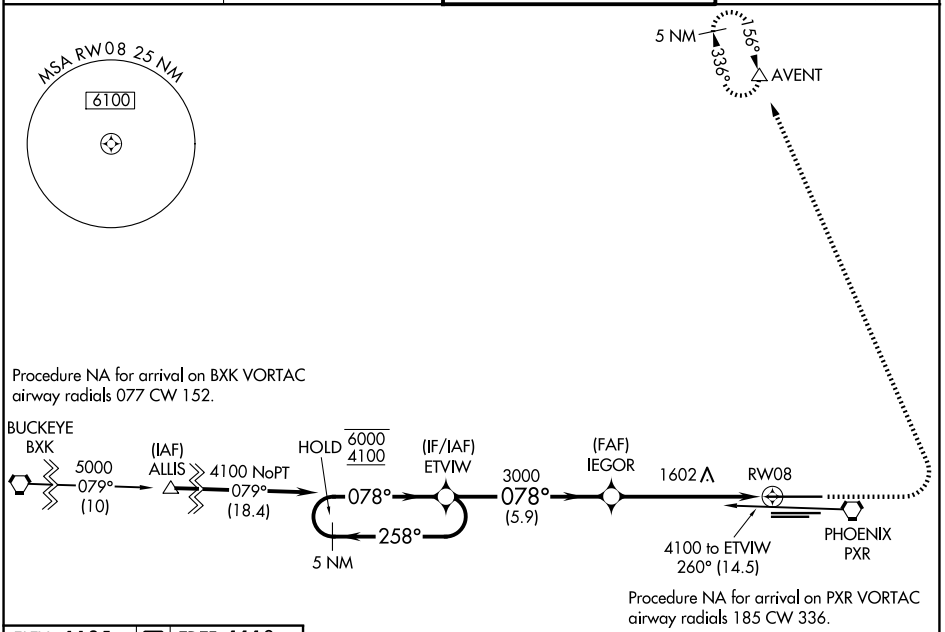
RNP APCH - GPS.

Simultaneous approach authorized. LNAV procedure NA during simultaneous operatations.Inop table does not apply to LPV all Cats. For inop ALS, increase LNAV Cats C and D visibility to 2 SM.

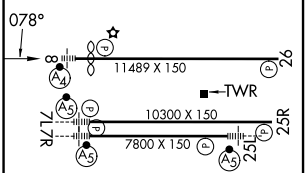
MALSF

MISSED APPROACH: Climb to 3000 then climbing left turn to 5000 direct AVENT and hold.

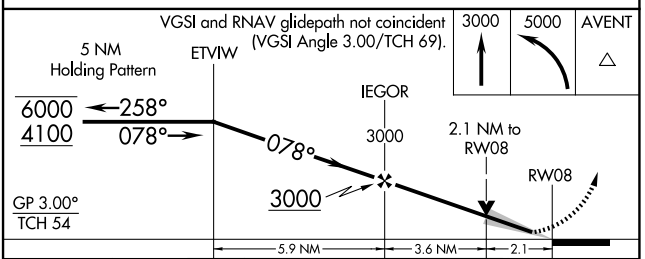
D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	**128.65 353.9**	**118.7 278.8** (8-26) **120.9 254.3** (7L-25R, 7R-25L)	**119.75 269.2** (N) **132.55 269.2** (S)



ELEV 1135 | D | TDZE 1118



HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26



CATEGORY	A	B	C	D
LPV DA	1368-¾ 250 (300-¾)			
LNAV MDA	1860-¾ 742 (800-¾)	1860-1 742 (800-1)	1860-1⅞ 742 (800-1⅞)	
CIRCLING	1860-1 725 (800-1)	1860-1¼ 725 (800-1¼)	2040-2¾ 905 (1000-2¾)	2340-3 1205 (1300-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA | AL-322 (FAA) | 25331

RNAV (GPS) Y RWY 25L

PHOENIX SKY HARBOR INTL (PHX)

WAAS	APP CRS	Rwy Ldg	7800
CH 82211	258°	TDZE	1126
W25B		Apt Elev	1135

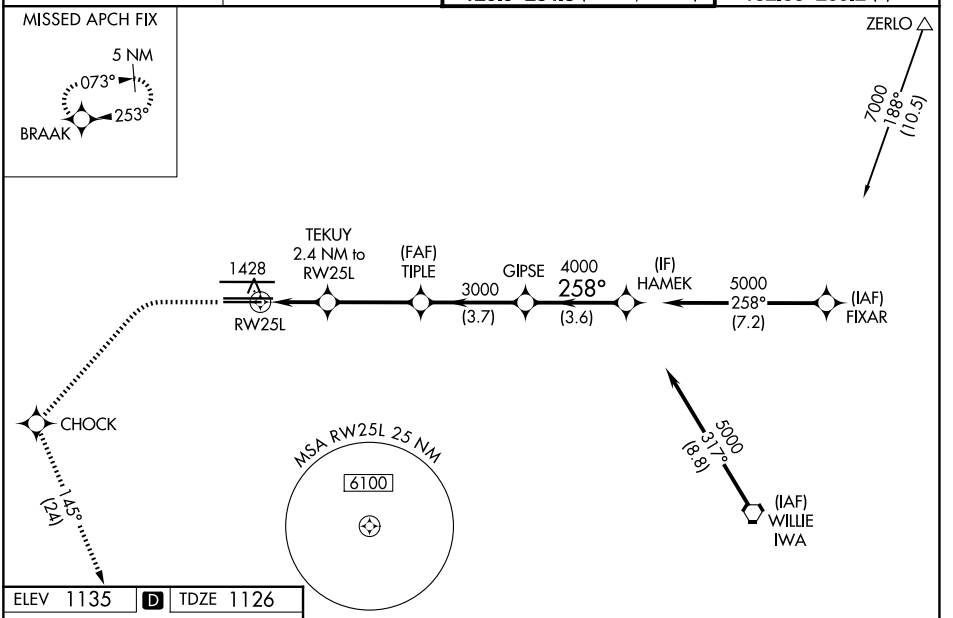
RNP APCH-GPS.

Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP required during simultaneous operations. For uncompensated Baro-VNAV systems, procedure NA below 2°C or above 54°C . For inop ALS, increase visibility LPV all Cats to 1 SM, LNAV/VNAV all Cats to 1⅜ SM and LNAV Cats C/D 1¾ SM.

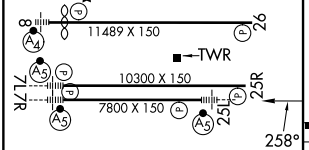
MALSR

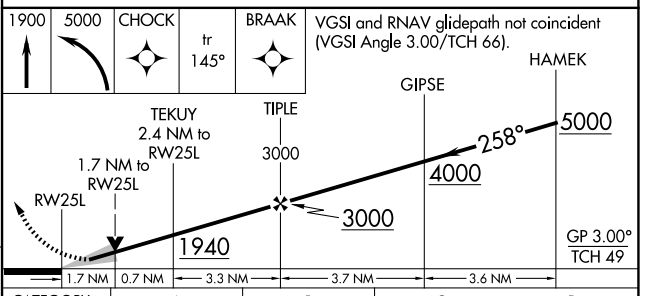
MISSED APPROACH: Climb to 1900 then climbing left turn to 5000 direct CHOCK and on track 145° to BRAAK and hold.

D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)



ELEV 1135 | D | TDZE 1126





CATEGORY	A	B	C	D
LPV DA	1449-½ 323 (400-½)			
LNAV/VNAV DA	1589-1 463 (500-1)			1674-1⅛ 548 (600-1⅛)
LNAV MDA	1740-½ 614 (700-½)		1740-1⅜ 614 (700-1⅜)	
CIRCLING	1740-1 605 (700-1)		2040-2¾ 905 (1000-2¾)	2340-3 1205 (1300-3)

HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

PHOENIX, ARIZONA
Amdt 2 19MAY22

33°26′N-112°01′W

PHOENIX SKY HARBOR INTL (PHX)

RNAV (GPS) Y RWY 25L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg 10300
CH 40022	258°	TDZE 1134
W25A		Apt Elev 1135

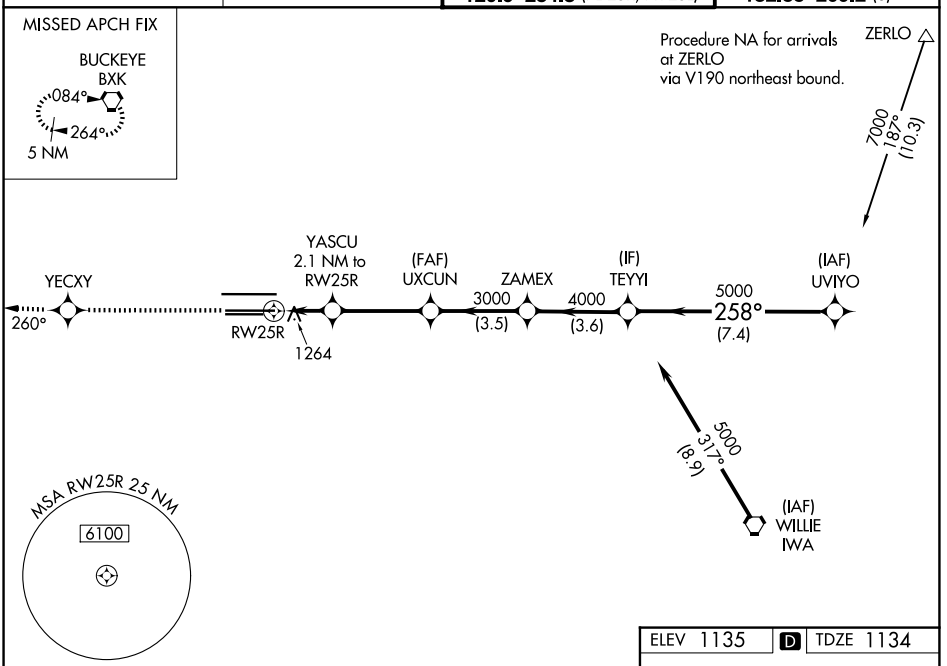
RNAV (GPS) Y RWY 25R

PHOENIX SKY HARBOR INTL (PHX)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP- 0.3 NA. Simultaneous approach authorized with ILS or LOC Rwy 26. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations.

MISSED APPROACH: Climb to 5000 direct YECXY and via 260° track to BXK VORTAC and hold.

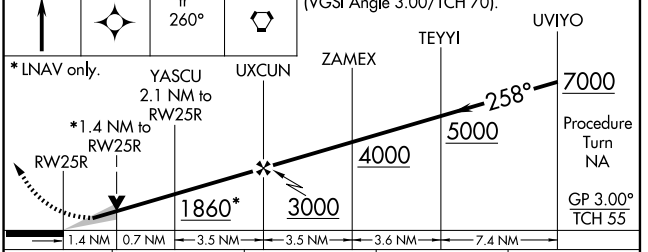
D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)



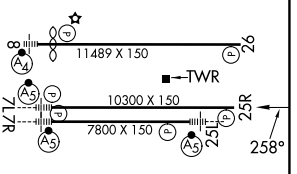
ELEV 1135 D TDZE 1134

5000	YECXY	tr 260°	BXK

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 70).



CATEGORY	A	B	C	D
LPV DA	1439-1 305 (400-1)			
LNAV/VNAV DA	1580-1½ 446 (500-1½)			
LNAV MDA	1640-1 506 (600-1)		1640-1½ 506 (600-1½)	
CIRCLING	1740-1 605 (700-1)		2040-2¾ 905 (1000-2¾)	2560-3 1425 (1500-3)



HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX, ARIZONA | AL-322 (FAA) | 25331

WAAS	APP CRS	Rwy Ldg 11489
CH 70321	258°	TDZE 1135
W26A		Apt Elev 1135

RNAV (GPS) Y RWY 26

PHOENIX SKY HARBOR INTL (PHX)

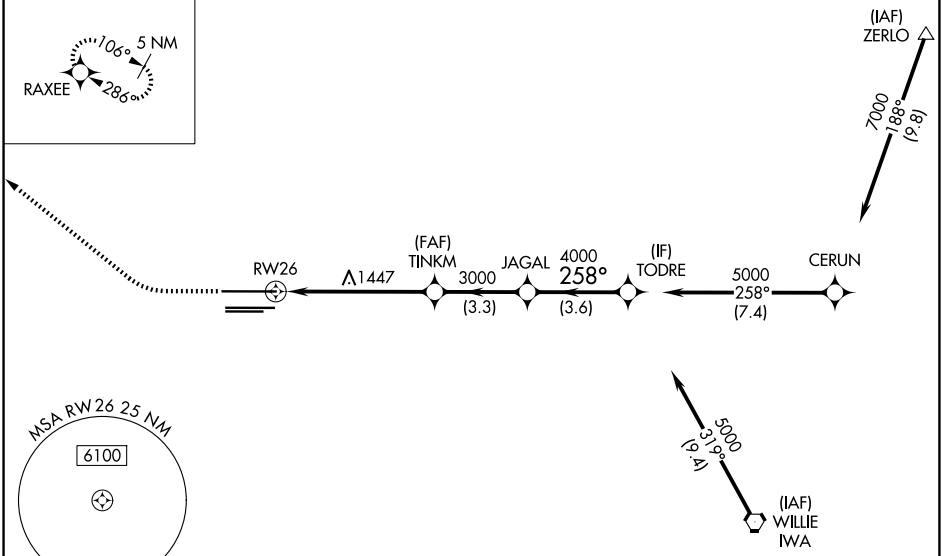
RNP APCH-GPS.

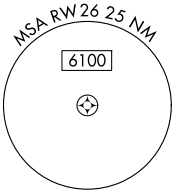
T A Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP required during simultaneous operations. For uncompensated Baro-VNAV systems, procedure NA below 2°C or above 54°C .

MISSED APPROACH: Climb to 1700 then climbing right turn to 6000 direct RAXEE and hold.

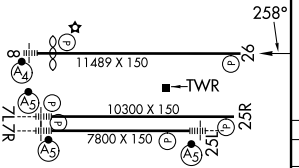
D-ATIS	PHOENIX APP CON	PHOENIX TOWER	GND CON
127.575	128.65 353.9	118.7 278.8 (8-26) 120.9 254.3 (7L-25R, 7R-25L)	119.75 269.2 (N) 132.55 269.2 (S)

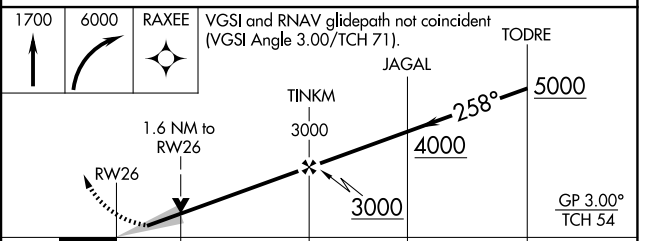
MISSED APCH FIX





ELEV 1135 | D | TDZE 1135





CATEGORY	A	B	C	D
LPV DA	1390-¾ 255 (300-¾)			
LNAV/VNAV DA	1581-1⅜ 446 (500-1⅜)			
LNAV MDA	1700-1 565 (600-1)		1700-1⅝ 565 (600-1⅝)	
CIRCLING	1740-1 605 (700-1)		2040-2¾ 905 (1000-2¾)	2340-3 1205 (1300-3)

HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26

PHOENIX, ARIZONA
Amdt 3 19MAY22

33°26′N-112°01′W

PHOENIX SKY HARBOR INTL (PHX)

RNAV (GPS) Y RWY 26

SW-4, 03 SEP 2026 to 29 OCT 2026

D-ATIS 127.575
PHOENIX TOWER 120.9 254.3 RWY 07L-25R, 07R-25L 118.7 278.8 RWY 08-26
GND CON 119.75 269.2 NORTH 132.55 269.2 SOUTH
CLNC DEL 118.1 269.2 CPDLC PDC
D
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
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.
FIELD ELEV 1135
FIRE STATION
TERMINAL 4
CUSTOMS
ATC NON-VISIBILITY AREA
TERMINAL 3
TWR
CENTER HOLD BAY
WEST HOLD BAY
T3 SOUTH REMOTE
EAST CARGO
WEST CARGO
AIR CARGO
ARIZONA ANG APRON
SOUTH CARGO
ELEV 1135
ELEV 1134
ELEV 1126
ELEV 1111
ELEV 1110
26
25R
25L
7L
7R
11489 X 150
10300 X 150
7800 X 150
078°
258°
HS 1
HS 2
VAR 12° E
JANUARY 2000
ANNUAL RATE OF CHANGE 0.1° W
RWY 07L-25R
PCR 674 R/A/W/T
S-30, D-235, 2D-435, 2D/2D2-940
RWY 07R-25L
PCR 796 R/A/W/T
S-30, D-200, 2D-400, 2D/2D2-1010
RWY 08-26
PCR 846 R/A/W/T
S-30, D-200, 2D-455, 2D/2D2-965
HIRL Rwys 8-26, 7L-25R and 7R-25L
REIL Rwy 26
33°26.5'N
33°26.0'N
33°25.5'N
112°02.0'W
112°01.5'W
112°01.0'W
112°00.5'W
112°00.0'W
111°59.5'W

(BALDY3.MAXXO) 26246

BALDY THREE DEPARTURE

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

AL-322 (FAA)

BALDY THREE DEPARTURE

(BALDY3.MAXXO) 28FEB19

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7L: Climb heading 078° to 1550, then climbing left turn heading 075°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Thence . . . .

TAKEOFF RUNWAY 7R: Climb heading 078° to 1550, then climbing left turn heading 070°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Thence . . . .

TAKEOFF RUNWAY 8: Climb heading 078° to 1550, then climbing right turn heading 080°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Thence . . . .

TAKEOFF RUNWAY 25L: Climb heading 258° to 1550, then climbing left turn heading 240°, at 9 DME west of PXR VORTAC, climbing left turn heading 140°. Thence . . . .

TAKEOFF RUNWAY 25R: Climb heading 258° to 1550, then climbing left turn heading 240°, at 9 DME west of PXR VORTAC, climbing left turn heading 140°. Thence . . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1550, then climbing left turn heading 240°, at 9 DME west of PXR VORTAC, climbing left turn heading 140°. Thence . . . .

. . . . maintain 8000 for RADAR vectors to PXR R-070 to GILAA/PXR 55 DME, then pilot nav on IWA R-055 to ADYAN/IWA 95 DME, cross ADYAN at or above 14000 and proceed on RADAR vector 055° to join SJN R-078/CNX R-259 to MAXXO/CNX 51 DME; then (transition). Expect filed altitude 3 minutes after departure.

LOST COMMUNICATIONS: Expect filed altitude 3 minutes after departure.

ANTON CHICO TRANSITION (BALDY3.ACH): From over MAXXO INT on ONM R-049 and ACH R-231 to ACH VORTAC.

CORONA TRANSITION (BALDY3.CNX): From over MAXXO INT on CNX R-259 to CNX VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

BROAK ONE DEPARTURE (RNAV)

(BROAK1.BROAK) 24MAY18

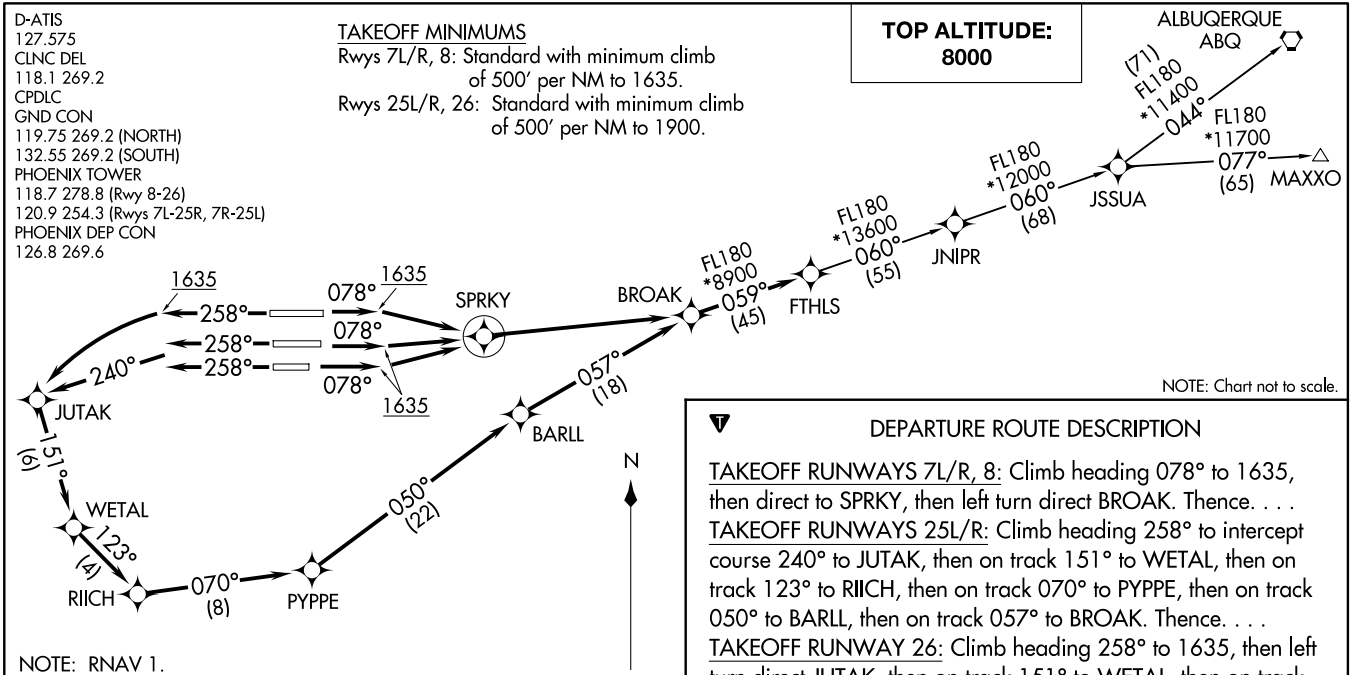
PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

D-ATIS
127.575
CLNC DEL
118.1 269.2
CPDLC
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)
PHOENIX DEP CON
126.8 269.6

TAKEOFF MINIMUMS
Rwys 7L/R, 8: Standard with minimum climb of 500' per NM to 1635.
Rwys 25L/R, 26: Standard with minimum climb of 500' per NM to 1900.

TOP ALTITUDE: 8000



NOTE: Chart not to scale.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: ABQ transition ATC assigned only.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO file BROAK DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK file FORPE DEPARTURE.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS file MRBIL DEPARTURE.
NOTE: For non-GPS equipped aircraft, PXR and TFD DMEs must be operational.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R, 8: Climb heading 078° to 1635, then direct to SPRKY, then left turn direct BROAK. Thence. . . .
TAKEOFF RUNWAYS 25L/R: Climb heading 258° to intercept course 240° to JUTAK, then on track 151° to WETAL, then on track 123° to RIICH, then on track 070° to PYPPE, then on track 050° to BARLL, then on track 057° to BROAK. Thence. . . .
TAKEOFF RUNWAY 26: Climb heading 258° to 1635, then left turn direct JUTAK, then on track 151° to WETAL, then on track 123° to RIICH, then on track 070° to PYPPE, then on track 050° to BARLL, then on track 057° to BROAK. Thence. . . .

. . . on track 059° to FTHLS, then on (transition). Maintain 8000, expect higher altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (BROAK1.ABQ)

JNIPR TRANSITION (BROAK1.JNIPR)

MAXXO TRANSITION (BROAK1.MAXXO)

(BROAK1.BROAK) 18144

BROAK ONE DEPARTURE (RNAV)

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

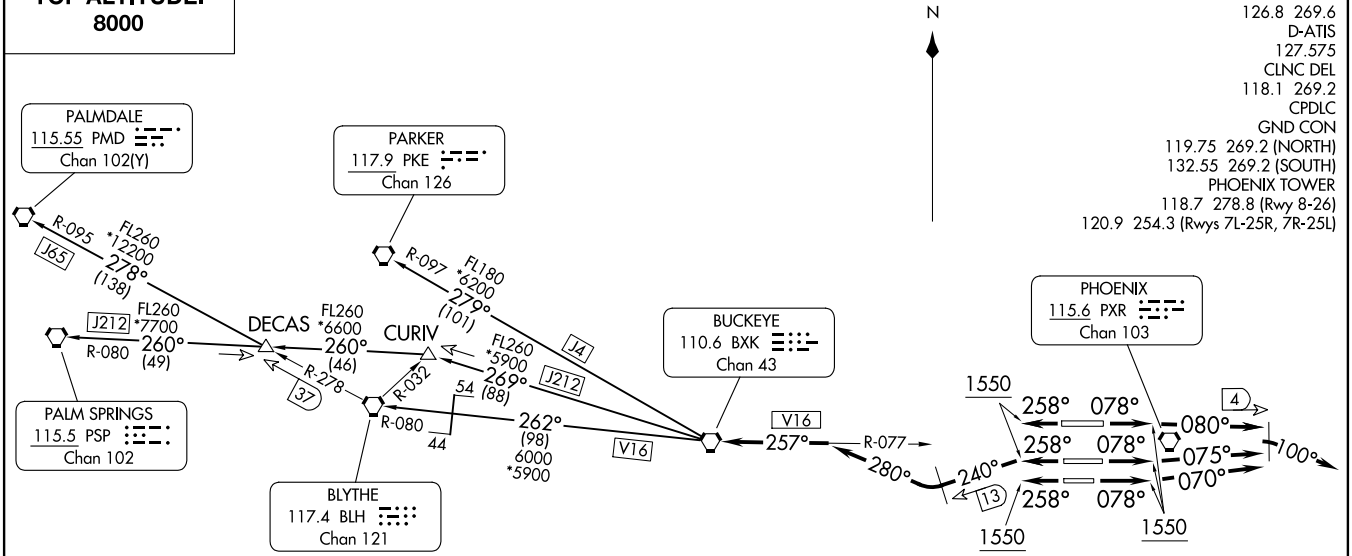
BUCKEYE FOUR DEPARTURE

(BXK4.BXK) 25JUN15

PHOENIX, ARIZONA

PHOENIX SKY HARBOR INTL (PHX)

TOP ALTITUDE: 8000



TAKEOFF MINIMUMS

Rwys 7L/7R/8: Standard with minimum climb of 300′ per NM to 8000.
Rwys 25L/25R/26: Standard with minimum climb of 350′ per NM to 8000.

NOTE: Restricted to turbojet and turboprop aircraft only.
NOTE: RADAR and DME required.
NOTE: Aircraft requesting FL 220 and below must file BLYTHE Transition.
NOTE: Turbojets landing LAX, file PARKER Transition.
NOTE: Aircraft landing other than LAX and turboprops landing at LAX:
Requesting FL240 and above, file PALMDALE or PALM SPRINGS Transition.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

BUCKEYE FOUR DEPARTURE

(BXK4.BXK) 26246

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

(BXK4.BXK) 18088

BUCKEYE FOUR DEPARTURE

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 078° to 1550, then climbing right turn heading 080°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Expect RADAR vectors to BXK VORTAC. Thence . . . .

TAKEOFF RUNWAY 7L: Climb heading 078° to 1550, then climbing left turn heading 075°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Expect RADAR vectors to BXK VORTAC. Thence . . . .

TAKEOFF RUNWAY 7R: Climb heading 078° to 1550, then climbing left turn heading 070°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Expect RADAR vectors to BXK VORTAC. Thence . . . .

TAKEOFF RUNWAY 25L: Climb heading 258° to 1550, then climbing left turn heading 240°, at 13 DME west of PXR VORTAC, climbing right turn heading 280° to the BXK R-077 to BXK VORTAC. Thence . . . .

TAKEOFF RUNWAY 25R: Climb heading 258° to 1550, then climbing left turn heading 240°, at 13 DME west of PXR VORTAC, climbing right turn heading 280° to the BXK R-077 to BXK VORTAC. Thence . . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1550, then climbing left turn heading 240°, at 13 DME west of PXR VORTAC, climbing right turn heading 280° to the BXK R-077 to BXK VORTAC. Thence . . . .

. . . . maintain 8000, thence via (transition). Expect filed altitude 3 minutes after departure.

LOST COMMUNICATIONS: Expect filed altitude 3 minutes after departure.

BLYTHE TRANSITION (BXK4.BLH): From over BXK VORTAC via BXK R-262 and BLH R-080 to BLH VORTAC.

PALMDALE TRANSITION (BXK4.PMD): From over BXK VORTAC via BXK R-269 to CURIV INT, then via PSP R-080 to DECAS INT, then via BLH R-278 and PMD R-095 to PMD VORTAC.

PALM SPRINGS TRANSITION (BXK4.PSP): From over BXK VORTAC via BXK R-269 to CURIV INT, then via PSP R-080 to PSP VORTAC.

PARKER TRANSITION (BXK4.PKE): From over BXK VORTAC via BXK R-279 and PKE R-097 to PKE VORTAC.

PHOENIX DEP CON
119.2 281.45
D-ATIS
127.575
CLNC DEL
118.1 269.2
CPDLC
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)
TOP ALTITUDE: 8000
BEATTY
114.7 BTY
Chan 94
KINGMAN
108.8 IGM
Chan 25
NEEDLES
115.2 EED
Chan 99
DRAKE
114.1 DRK
Chan 88
PHOENIX
115.6 PXR
Chan 103
FL280 *10700 294° (125)
R-114
DOVEE
FL250 *10700 278° (77)
123
FL180 *9700 284° (34)
R-104
SISIE
(11)
45
DRK R-278
RAMSY
FL180 *9700 284° (21)
HOBES
101
V105
J92
R-290
FL190 *9300 321° (15)
10000 *9300 259° (85)
V12
J6
CHILY
R-259
R-168
(28)
86
KARLO
(18) 321°
58
ZEPER
R-321
40
R-077
N
360°
9
260°
265°
1550
258° 078°
080°
075°
070°
4
040°
NOTE: Chart not to scale.
NOTE: Restricted to turbojet and turboprop aircraft only.
NOTE: RADAR and DME required.
NOTE: IGM Transition for turbojets landing LAS Terminal area only.
NOTE: HOBES Transition for turboprops landing LAS Terminal area only.
TAKEOFF MINIMUMS
Rwys 7L/7R/8: Standard with minimum climb of 300' per NM to 8000.
Rwys 25L/25R/26: Standard with minimum climb of 350' per NM to 8000.
(CONTINUED ON FOLLOWING PAGE)

(CHILY4.CHILY) 18088

CHILY FOUR DEPARTURE

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 078° to 1550, then climbing right turn heading 080°, at 4 DME east of PXR VORTAC, climbing left turn heading 045°. Thence . . . .
TAKEOFF RUNWAY 7L: Climb heading 078° to 1550, then climbing left turn heading 075°, at 4 DME east of PXR VORTAC, climbing left turn heading 045°. Thence . . . .
TAKEOFF RUNWAY 7R: Climb heading 078° to 1550, then climbing left turn heading 070°, at 4 DME east of PXR VORTAC, climbing left turn heading 045°. Thence . . . .
TAKEOFF RUNWAY 25L: Climb heading 258° to 1550, then climbing right turn heading 265°, at 9 DME west of PXR VORTAC, climbing right turn heading 360°. Thence . . . .
TAKEOFF RUNWAY 25R: Climb heading 258° to 1550, then climbing right turn heading 260°, at 9 DME west of PXR VORTAC, climbing right turn heading 360°. Thence . . . .
TAKEOFF RUNWAY 26: Climb heading 258° to 1550, then climbing right turn heading 260°, at 9 DME west of PXR VORTAC, climbing right turn heading 360°. Thence . . . .

. . . . maintain 8000, expect RADAR vectors to PXR R-321 to ZEPER/PXR 40 DME then CHILY INT. Thence via (transition). Expect filed altitude 3 minutes after departure.

LOST COMMUNICATIONS: Expect filed altitude 3 minutes after departure.

BEATTY TRANSITION (CHILY4.BTY): From over CHILY INT via IGM R-104 to SISIE INT, then via DRK R-278 to DOVEE INT, then via BTY R-114 to BTY VORTAC.

HOBES TRANSITION (CHILY4.HOBES): From over CHILY INT via PXR R-321 to HOBES INT.

KINGMAN TRANSITION (CHILY4.IGM): From over CHILY INT via IGM R-104 to IGM VOR/DME.

NEEDLES TRANSITION (CHILY4.EED): From over CHILY INT via DRK R-259 and EED R-077 to EED VORTAC.

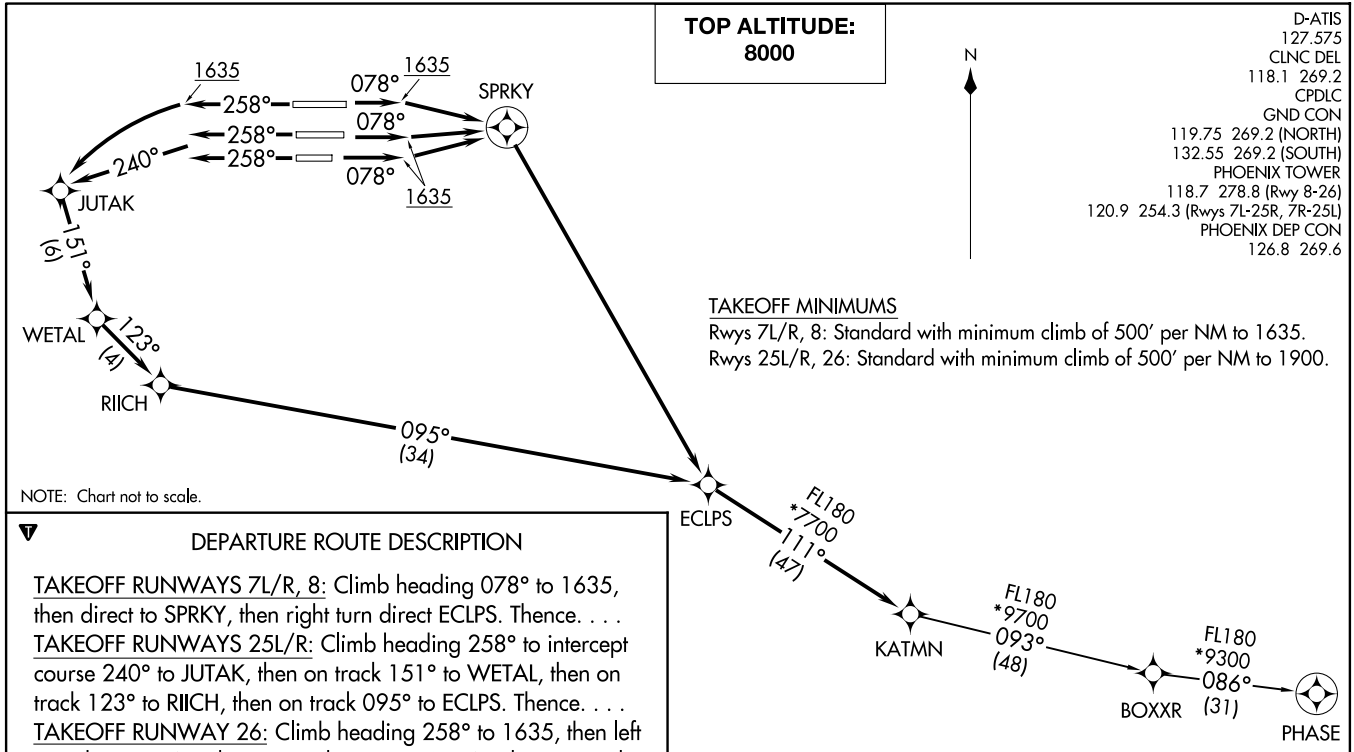
SW-4, 03 SEP 2026 to 29 OCT 2026

ECLPS ONE DEPARTURE (RNAV)

(ECLPS1.ECLPS) 24MAY18

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R, 8: Climb heading 078° to 1635, then direct to SPRKY, then right turn direct ECLPS. Thence. . . .

TAKEOFF RUNWAYS 25L/R: Climb heading 258° to intercept course 240° to JUTAK, then on track 151° to WETAL, then on track 123° to RIICH, then on track 095° to ECLPS. Thence. . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1635, then left turn direct JUTAK, then on track 151° to WETAL, then on track 123° to RIICH, then on track 095° to ECLPS. Thence. . . .

. . . .on track 111° to KATMN. Then on (transition), expect filed altitude 3 minutes after departure.

PHASE TRANSITION (ECLPS1.PHASE)

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, TFD and DUG DMEs must be operational.

(ECLPS1.ECLPS) 18144

ECLPS ONE DEPARTURE (RNAV)

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

FORPE ONE DEPARTURE (RNAV)

(FORPE1.FORPE) 24MAY18

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

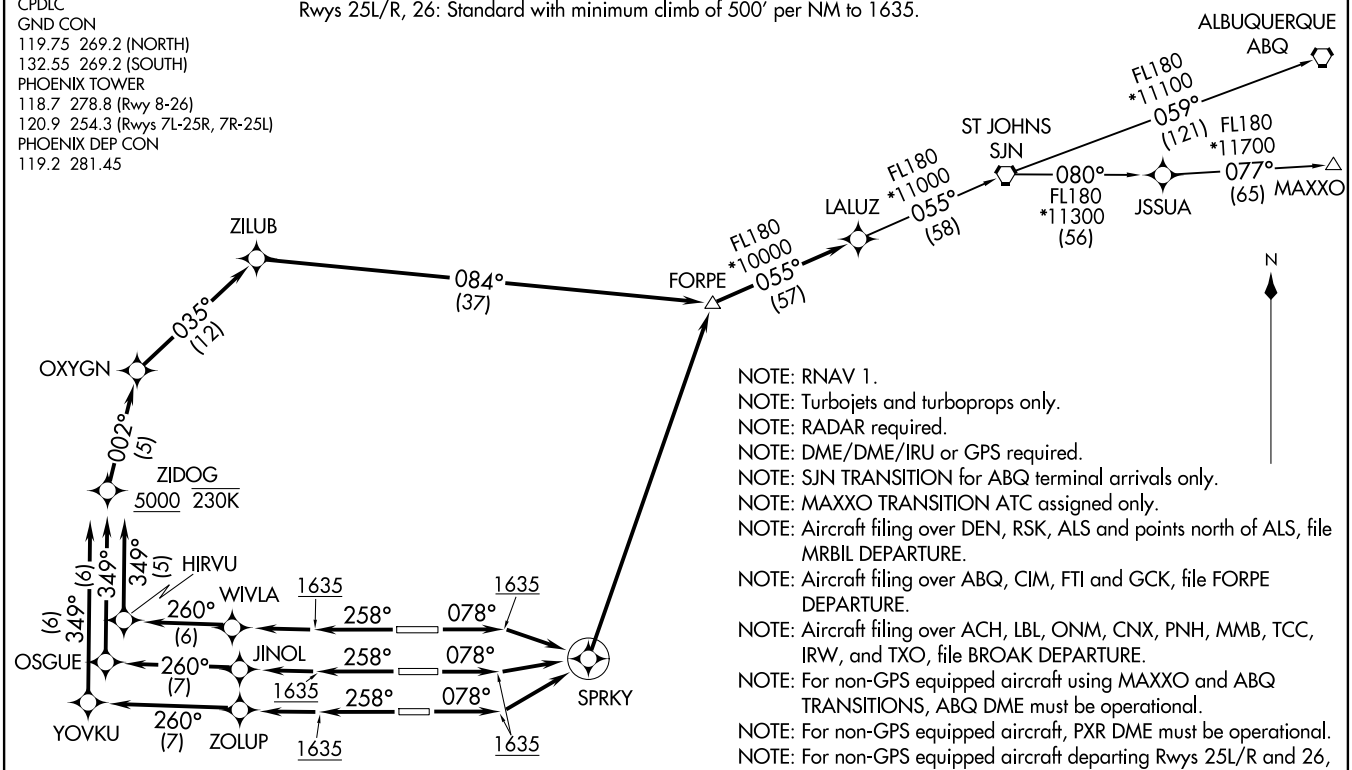
D-ATIS
127.575
CLNC DEL
118.1 269.2
CPDLC
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)
PHOENIX DEP CON
119.2 281.45

TAKEOFF MINIMUMS

Rwys 7L/R, 8: Standard with minimum climb of 500′ per NM to 1635 then minimum climb of 250′ per NM to 7300.

Rwys 25L/R, 26: Standard with minimum climb of 500′ per NM to 1635.

TOP ALTITUDE: 8000



NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: SJN TRANSITION for ABQ terminal arrivals only.
NOTE: MAXXO TRANSITION ATC assigned only.
NOTE: Aircraft filing over DEN, RSK, ALS and points north of ALS, file MRBIL DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI and GCK, file FORPE DEPARTURE.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW, and TXO, file BROAK DEPARTURE.
NOTE: For non-GPS equipped aircraft using MAXXO and ABQ TRANSITIONS, ABQ DME must be operational.
NOTE: For non-GPS equipped aircraft, PXR DME must be operational.
NOTE: For non-GPS equipped aircraft departing Rwys 25L/R and 26, IWA and TFD DMEs must be operational.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

(FORPE1.FORPE) 18144

FORPE ONE DEPARTURE (RNAV)

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L, 7R, 8: Climb heading 078° to 1635, then direct SPRKY, then left turn direct FORPE, thence . . . .

TAKEOFF RUNWAY 25L: Climb heading 258° to 1635, then direct ZOLUP, then on track 260° to YOVKU, then on track 349° to cross ZIDOG at or above 5000 and at/below 230K, then on track 002° to OXYGN, then on track 035° to ZILUB, then on track 084° to FORPE, thence . . . .

TAKEOFF RUNWAY 25R: Climb heading 258° to 1635, then direct JINOL, then on track 260° to OSGUE, then on track 349° to cross ZIDOG at or above 5000 and at/below 230K, then on track 002° to OXYGN, then on track 035° to ZILUB, then on track 084° to FORPE, thence . . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1635, then direct WIVLA, then on track 260° to HIRVU, then on track 349° to cross ZIDOG at or above 5000 and at/below 230K, then on track 002° to OXYGN, then on track 035° to ZILUB, then on track 084° to FORPE, thence . . . .

. . . . on track 055° to LALUZ, then on (transition). Maintain 8000, expect higher altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (FORPE1.ABQ)
MAXXO TRANSITION (FORPE1.MAXXO)
ST JOHNS TRANSITION (FORPE1.SJN)

SW-4, 03 SEP 2026 to 29 OCT 2026

FYRBD ONE DEPARTURE (RNAV)

(FYRBD1.FYRBD) 24MAY18

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R, 8: Climb heading 078° to 1635, then direct FUTEP, then on track 132° to AZCRD, then on track 199° to USEYE, then on track 264° to cross MASVE at/above 7000 and at/below 220K, then on track 264° to OAKLI, then on track 222° to FYRBD, thence. . . .

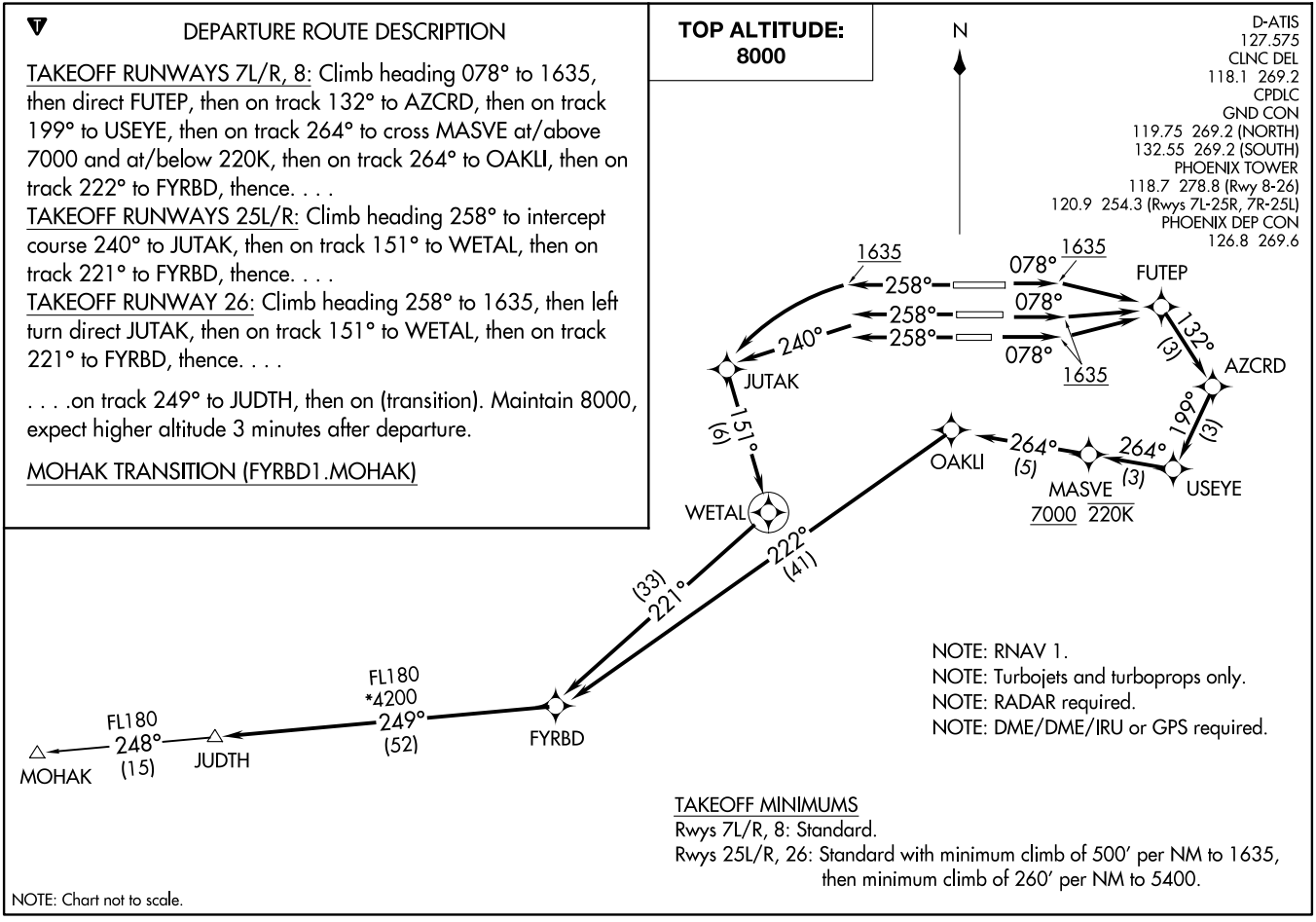
TAKEOFF RUNWAYS 25L/R: Climb heading 258° to intercept course 240° to JUTAK, then on track 151° to WETAL, then on track 221° to FYRBD, thence. . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1635, then left turn direct JUTAK, then on track 151° to WETAL, then on track 221° to FYRBD, thence. . . .

. . . .on track 249° to JUDTH, then on (transition). Maintain 8000, expect higher altitude 3 minutes after departure.

MOHAK TRANSITION (FYRBD1.MOHAK)

TOP ALTITUDE: 8000



NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.

TAKEOFF MINIMUMS
Rwys 7L/R, 8: Standard.
Rwys 25L/R, 26: Standard with minimum climb of 500′ per NM to 1635, then minimum climb of 260′ per NM to 5400.

NOTE: Chart not to scale.

(FYRBD1.FYRBD) 18144

FYRBD ONE DEPARTURE (RNAV)

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

KEENS THREE DEPARTURE (RNAV)

(KEENS3.KEENS) 25JAN24

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

KEENS THREE DEPARTURE (RNAV)

(KEENS3.KEENS) 26078

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)

PHOENIX, ARIZONA

PHOENIX DEP CON
126.8 269.6
D-ATIS
127.575
CLNC DEL
118.1 269.2
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)

TOP ALTITUDE: 8000

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R, 8: Climb on heading 078° to 1635, then direct FUTEP, then on track 132° to AZCRD, then on track 199° to USEYE, then on track 264° to cross MASVE at/above 7000 and at/below 220K, then on track 264° to OAKLI, then on track 268° to KEENS, thence. . . .

TAKEOFF RUNWAYS 25L/R: Climb on heading 258° to intercept course 240° to WULKO, then on track 268° to KEENS, thence. . . .

TAKEOFF RUNWAY 26: Climb on heading 258° to 1635, then left turn direct WULKO, then on track 268° to KEENS, thence. . . .

. . . .on track 259° to IZZZO, then on (transition). Maintain 8000, expect higher altitude 3 minutes after departure.

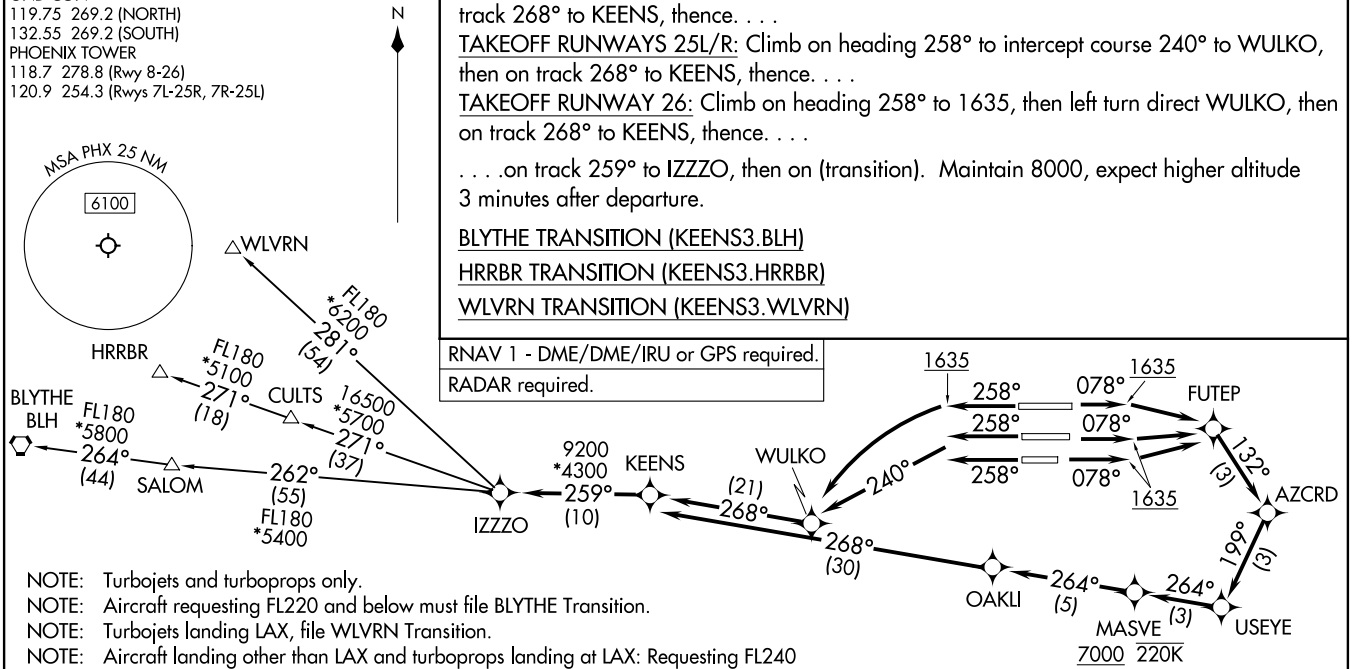
BLYTHE TRANSITION (KEENS3.BLH)

HRRBR TRANSITION (KEENS3.HRRBR)

WLVRN TRANSITION (KEENS3.WLVRN)

RNAV 1 - DME/DME/IRU or GPS required.

RADAR required.



NOTE: Turbojets and turboprops only.
NOTE: Aircraft requesting FL220 and below must file BLYTHE Transition.
NOTE: Turbojets landing LAX, file WLVRN Transition.
NOTE: Aircraft landing other than LAX and turboprops landing at LAX: Requesting FL240 and above, file HRRBR Transition.

NOTE: Chart not to scale.

TAKEOFF MINIMUMS
Rwys 7L/R, 8: Standard.
Rwys 25L/R, 26: Standard with minimum climb of 500'/NM to 1635.

(MOBIE4.MOBIE) 23334

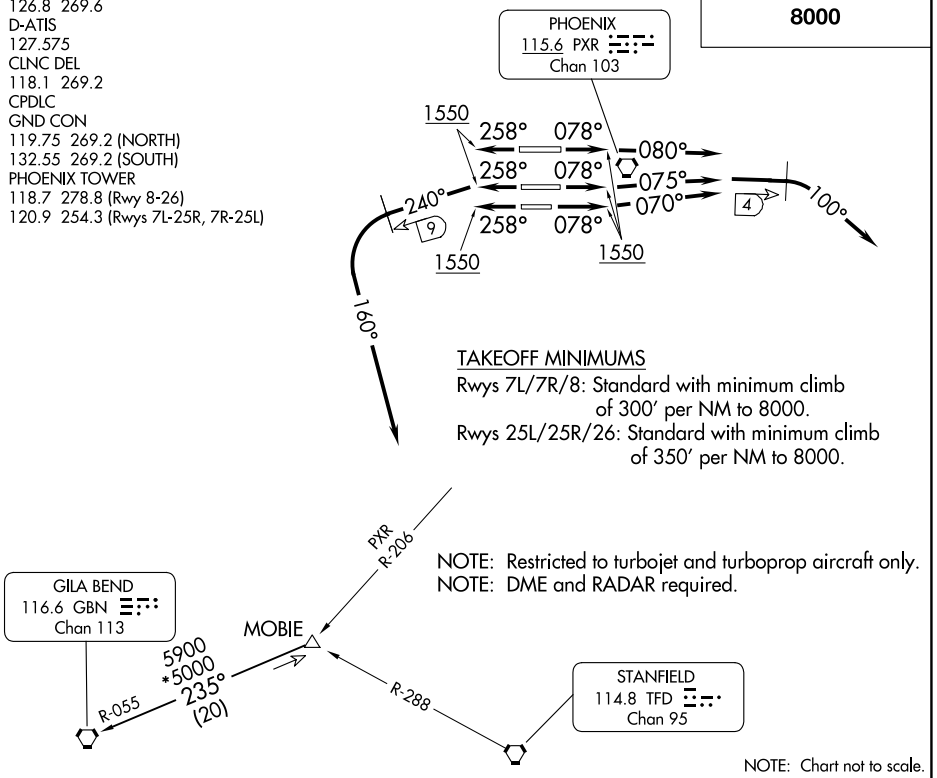
MOBIE FOUR DEPARTURE

AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

PHOENIX DEP CON
126.8 269.6
D-ATIS
127.575
CLNC DEL
118.1 269.2
CPDLC
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)

TOP ALTITUDE: 8000



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 078° to 1550, then climbing right turn heading 080°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Thence. . . .

TAKEOFF RUNWAY 7L: Climb heading 078° to 1550, then climbing left turn heading 075°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Thence. . . .

TAKEOFF RUNWAY 7R: Climb heading 078° to 1550, then climbing left turn heading 070°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Thence. . . .

TAKEOFF RUNWAY 25L: Climb heading 258° to 1550, then climbing left turn heading 240°, at 9 DME west of PXR VORTAC, climbing left turn heading 160°. Thence. . . .

TAKEOFF RUNWAY 25R: Climb heading 258° to 1550, then climbing left turn heading 240°, at 9 DME west of PXR VORTAC, climbing left turn heading 160°. Thence. . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1550, then climbing left turn heading 240°, at 9 DME west of PXR VORTAC, climbing left turn heading 160°. Thence. . . .

. . . . maintain 8000, expect RADAR vectors to MOBIE INT thence via (transition). Expect filed altitude 3 minutes after departure.

LOST COMMUNICATIONS: Expect filed altitude 3 minutes after departure.

GILA BEND TRANSITION (MOBIE4.GBN): From over MOBIE INT via GBN R-055 to GBN VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

MRBIL ONE DEPARTURE (RNAV)

D-ATIS
127.575
CLNC DEL
118.1 269.2
CPDLC
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)
PHOENIX DEP CON
119.2 281.45

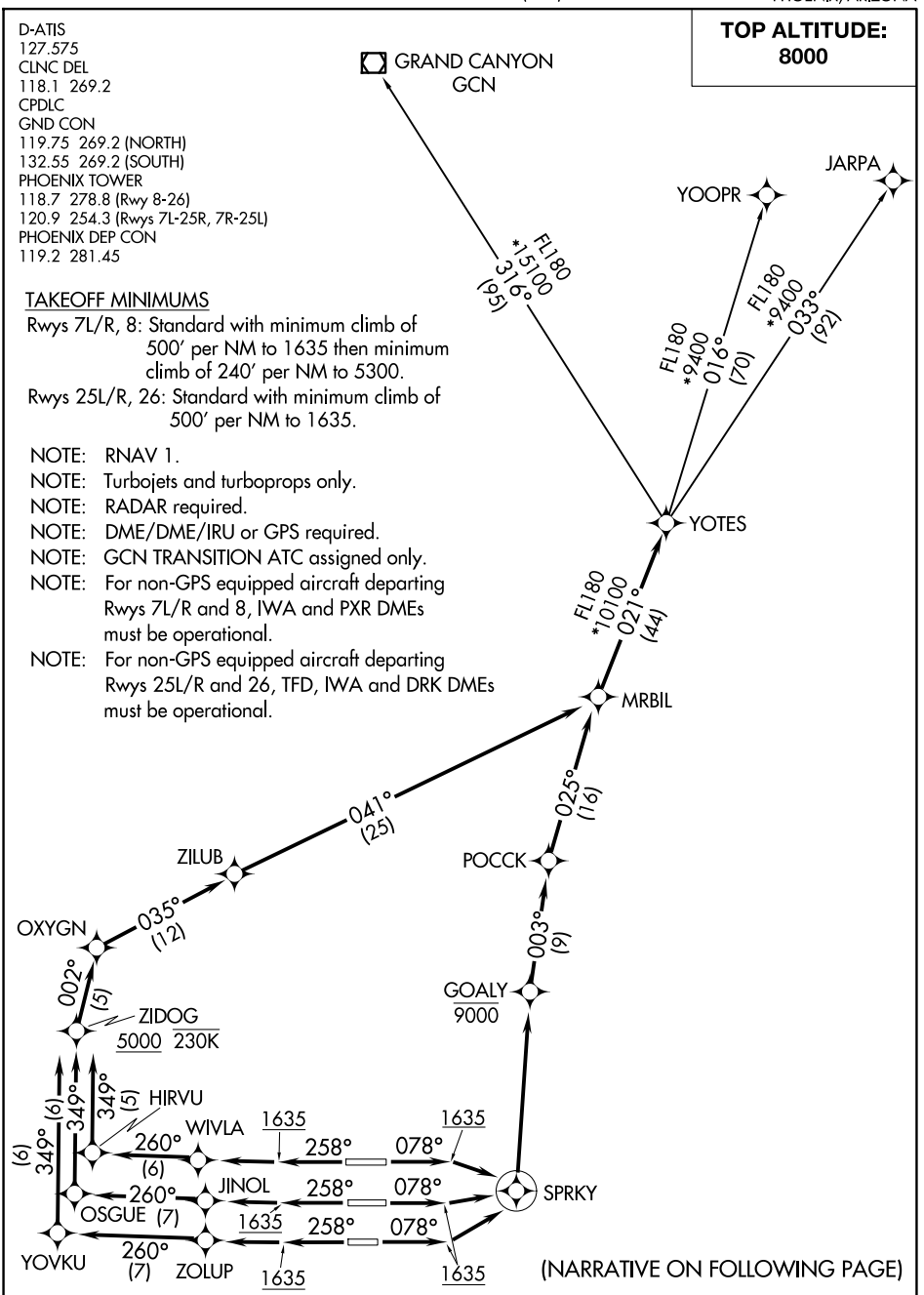
TOP ALTITUDE: 8000

TAKEOFF MINIMUMS

Rwys 7L/R, 8: Standard with minimum climb of 500′ per NM to 1635 then minimum climb of 240′ per NM to 5300.

Rwys 25L/R, 26: Standard with minimum climb of 500′ per NM to 1635.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: GCN TRANSITION ATC assigned only.
NOTE: For non-GPS equipped aircraft departing Rwys 7L/R and 8, IWA and PXR DMEs must be operational.
NOTE: For non-GPS equipped aircraft departing Rwys 25L/R and 26, TFD, IWA and DRK DMEs must be operational.



NOTE: Chart not to scale.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R, 8: Climb heading 078° to 1635, then direct to SPRKY, then turn left direct to cross GOALY at/below 9000, then on track 003° to POCCK, then on track 025° to MRBIL, thence. . . .

TAKEOFF RUNWAY 25L: Climb heading 258° to 1635, then direct ZOLUP, then on track 260° to YOVKU, then on track 349° to cross ZIDOG at/above 5000 and at/below 230K, then on track 002° to OXYGN, then on track 035° to ZILUB, then on track 041° to MRBIL, thence. . . .

TAKEOFF RUNWAY 25R: Climb heading 258° to 1635, then direct JINOL, then on track 260° to OSGUE, then on track 349° to cross ZIDOG at/above 5000 and at/below 230K, then on track 002° to OXYGN, then on track 035° to ZILUB, then on track 041° to MRBIL, thence. . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1635, then direct WIVLA, then on track 260° to HIRVU, then on track 349° to cross ZIDOG at/above 5000 and at/below 230K, then on track 002° to OXYGN, then on track 035° to ZILUB, then on track 041° to MRBIL, thence. . . .

. . . .on track 021° to YOTES, then on (transition). Maintain 8000, expect higher altitude 3 minutes after departure.

GRAND CANYON TRANSITION (MRBIL1.GCN)
JARPA TRANSITION (MRBIL1.JARPA)
YOOPR TRANSITION (MRBIL1.YOOPR)

QUAKY ONE DEPARTURE (RNAV)

SW-4, 03 SEP 2026 to 29 OCT 2026

D-ATIS
127.575
CLNC DEL
118.1 269.2
CPDLC
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)
PHOENIX DEP CON
119.2 281.45

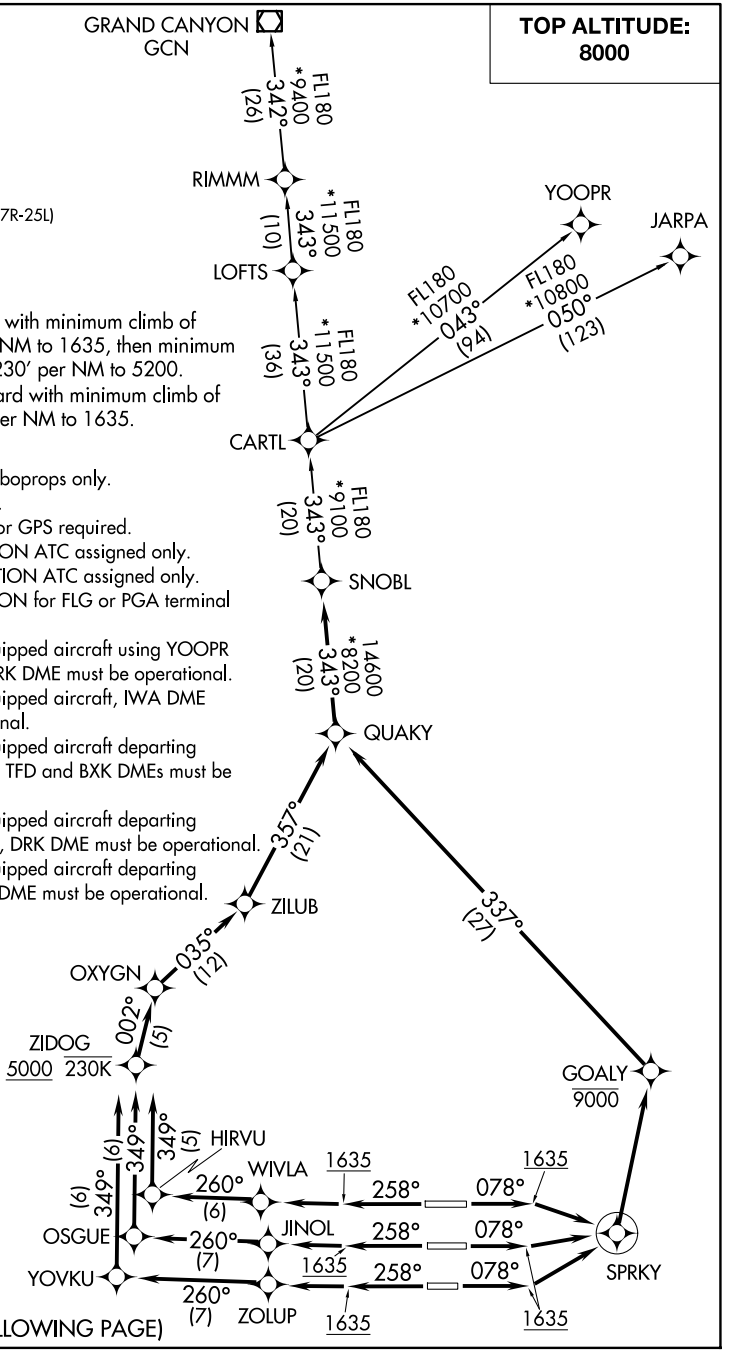
TOP ALTITUDE: 8000

TAKEOFF MINIMUMS

Rwys 7L/R, 8: Standard with minimum climb of 500′ per NM to 1635, then minimum climb of 230′ per NM to 5200.

Rwys 25L/R, 26: Standard with minimum climb of 500′ per NM to 1635.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: JARPA TRANSITION ATC assigned only.
NOTE: YOOPR TRANSITION ATC assigned only.
NOTE: CARTL TRANSITION for FLG or PGA terminal arrivals only.
NOTE: For non-GPS equipped aircraft using YOOPR TRANSITION, DRK DME must be operational.
NOTE: For non-GPS equipped aircraft, IWA DME must be operational.
NOTE: For non-GPS equipped aircraft departing Rwys 25L/R, 26, TFD and BXK DMEs must be operational.
NOTE: For non-GPS equipped aircraft departing Rwys 8, 25R, 26, DRK DME must be operational.
NOTE: For non-GPS equipped aircraft departing Rwys 7L/R, PXR DME must be operational.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R, 8: Climb heading 078° to 1635, then direct SPRKY, then left turn direct to cross GOALY at/below 9000, then on track 337° to QUAKY, thence . . . .

TAKEOFF RUNWAY 25L: Climb heading 258° to 1635, then direct ZOLUP, then on track 260° to YOVKU, then on track 349° to cross ZIDOG at or above 5000 and at or below 230K, then on track 002° to OXYGN, then on track 035° to ZILUB, then on track 357° to QUAKY, thence . . . .

TAKEOFF RUNWAY 25R: Climb heading 258° to 1635, then direct JINOL, then on track 260° to OSGUE, then on track 349° to cross ZIDOG at or above 5000 and at or below 230K, then on track 002° to OXYGN, then on track 035° to ZILUB, then on track 357° to QUAKY, thence . . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1635, then direct WIVLA, then on track 260° to HIRVU, then on track 349° to cross ZIDOG at or above 5000 and at or below 230K, then on track 002° to OXYGN, then on track 035° to ZILUB, then on track 357° to QUAKY, thence . . . .

. . . . on track 343° to SNOBL, then on (transition). Maintain 8000, expect higher altitude 3 minutes after departure.

CARTL TRANSITION (QUAKY1.CARTL)
GRAND CANYON TRANSITION (QUAKY1.GCN)
JARPA TRANSITION (QUAKY1.JARPA)
RIMMM TRANSITION (QUAKY1.RIMMM)
YOOPR TRANSITION (QUAKY1.YOOPR)

TOP ALTITUDE:
8000
TAKEOFF MINIMUMS
Rwys 7L, 7R, 8: Standard with minimum climb of 350' per NM to 8000.
Rwys 25L, 25R, 26: Standard with minimum climb of 350' per NM to 8000.
PHOENIX DEP CON
119.2 281.45
D-ATIS
127.575
CLNC DEL
118.1 269.2
CPDLC
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)
PHOENIX
115.6 PXR
Chan 103
ST JOHNS
112.3 SJN
Chan 70
ALBUQUERQUE
113.2 ABQ
Chan 79
FORPE
J18
V190
R-240
R-236
R-054
R-340
12000
*11100
059°
(121)
050°
(115)
360°
260°
265°
258°
078°
080°
075°
070°
1550
NOTE: Restricted to turbojet and turboprop aircraft only.
NOTE: RADAR and DME required.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO file BALDY DEPARTURE.
NOTE: Aircraft filing over CIM, FTI and GCK file ST JOHNS DEPARTURE.
(CONTINUED ON FOLLOWING PAGE)
NOTE: Chart not to scale.
N

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7L: Climb heading 078° to 1550, then climbing left turn heading 075°, at 4 DME east of PXR VORTAC, climbing left turn heading 045° to PXR R-054 to SJN VORTAC, maintain 8000. Thence . . . .

TAKEOFF RUNWAY 7R: Climb heading 078° to 1550, then climbing left turn heading 070°, at 4 DME east of PXR VORTAC, climbing left turn heading 045° to PXR R-054 to SJN VORTAC, maintain 8000. Thence . . . .

TAKEOFF RUNWAY 8: Climb heading 078° to 1550, then climbing right turn heading 080°, at 4 DME east of PXR VORTAC, climbing left turn heading 045° to PXR R-054 to SJN VORTAC, maintain 8000. Thence . . . .

TAKEOFF RUNWAY 25L: Climb heading 258° to 1550, then climbing right turn heading 265°, at 9 DME west of PXR VORTAC, climbing right turn heading 360°, maintain 8000 for RADAR vectors to PXR R-054 to SJN VORTAC. Thence . . . .

TAKEOFF RUNWAY 25R: Climb heading 258° to 1550, then climbing right turn heading 260°, at 9 DME west of PXR VORTAC, climbing right turn heading 360°, maintain 8000 for RADAR vectors to PXR R-054 to SJN VORTAC. Thence . . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1550, then climbing right turn heading 260°, at 9 DME west of PXR VORTAC, climbing right turn heading 360°, maintain 8000 for RADAR vectors to PXR R-054 to SJN VORTAC. Thence . . . .

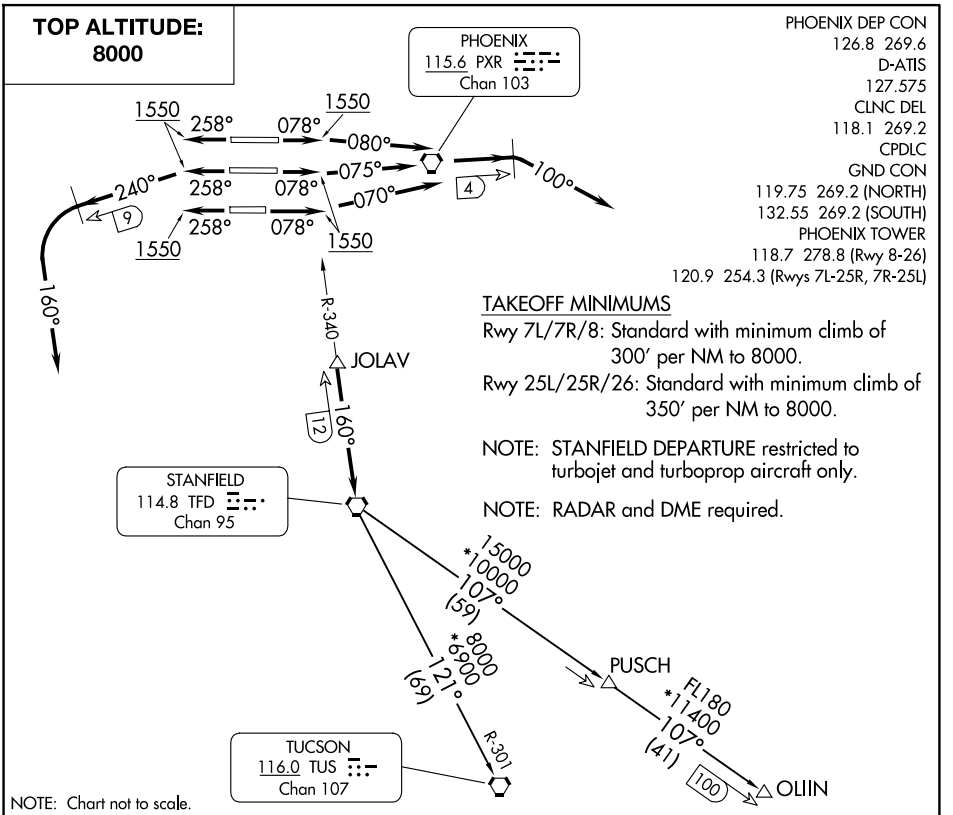
. . . . (transition). Expect filed altitude 3 minutes after departure.

LOST COMMUNICATIONS: Expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (SJN9.ABQ): From over SJN VORTAC on SJN R-059 and ABQ R-240 to ABQ VORTAC.

STANFIELD FOUR DEPARTURE

AL-322 (FAA)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 078° to 1550, then climbing right turn heading 080°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Thence. . . .

TAKEOFF RUNWAY 7L: Climb heading 078° to 1550, then climbing left turn heading 075°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Thence. . . .

TAKEOFF RUNWAY 7R: Climb heading 078° to 1550, then climbing left turn heading 070°, at 4 DME east of PXR VORTAC, climbing right turn heading 100°. Thence. . . .

TAKEOFF RUNWAY 25L/25R/26: Climb heading 258° to 1550, then climbing left turn heading 240°, at 9 DME west of PXR VORTAC, climbing left turn heading 160°. Thence. . . .

. . . .maintain 8000, expect RADAR vectors to TFD R-340 to TFD VORTAC. Thence via (Transition). Expect further clearance to filed altitude 3 minutes after departure.

LOST COMMUNICATIONS: Expect filed altitude 3 minutes after departure.

OLIIN TRANSITION (TFD4.OLIIN): From over TFD VORTAC on TFD R-107 to OLIIN INT.

TUCSON TRANSITION (TFD4.TUS): From over TFD VORTAC on TFD R-121 and TUS R-301 to TUS VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

(STRRM1.STRRM) 18144

STRRM ONE DEPARTURE (RNAV)

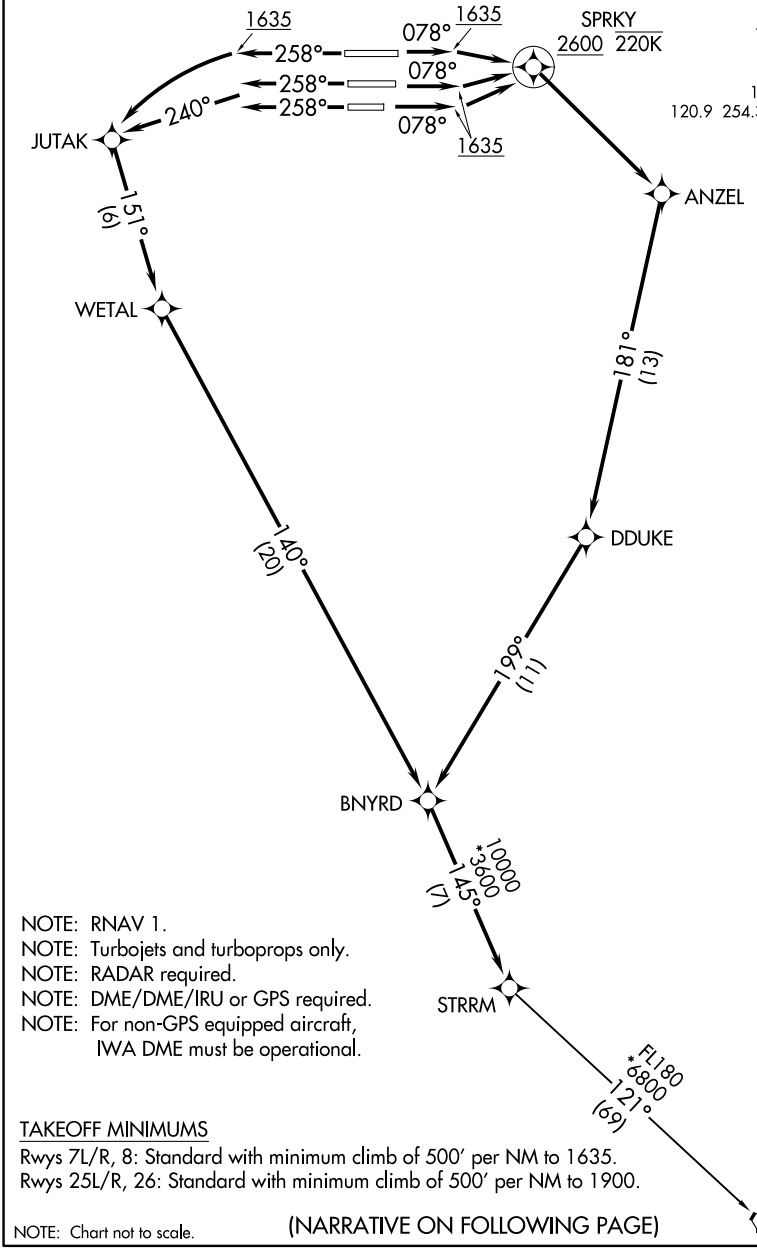
AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE: 8000

D-ATIS 127.575
CLNC DEL 118.1 269.2
CPDLC
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)
PHOENIX DEP CON
126.8 269.6



NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, IWA DME must be operational.

TAKEOFF MINIMUMS

Rwys 7L/R, 8: Standard with minimum climb of 500' per NM to 1635.
Rwys 25L/R, 26: Standard with minimum climb of 500' per NM to 1900.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

STRRM ONE DEPARTURE (RNAV)

PHOENIX, ARIZONA
PHOENIX SKY HARBOR INTL (PHX)

(STRRM1.STRRM) 24MAY18

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R, 8: Climb heading 078° to 1635, then direct to cross SPRKY at or above 2600 and at or below 220K, then right turn direct ANZEL, then on track 181° to DDUKE, then on track 199° to BNYRD, thence . . . .

TAKEOFF RUNWAYS 25L/R: Climb heading 258° to intercept course 240° to JUTAK, then on track 151° to WETAL, then on track 140° to BNYRD, thence . . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 1635, then left turn direct JUTAK, then on track 151° to WETAL, then on track 140° to BNYRD, thence . . . .

. . . . on track 145° to STRRM, then on (transition). Maintain 8000, expect higher altitude 3 minutes after departure.

TUCSON TRANSITION (STRRM1.TUS)

SW-4, 03 SEP 2026 to 29 OCT 2026

(ZEPER2.ZEPER) 20170

ZEPER TWO DEPARTURE (RNAV)

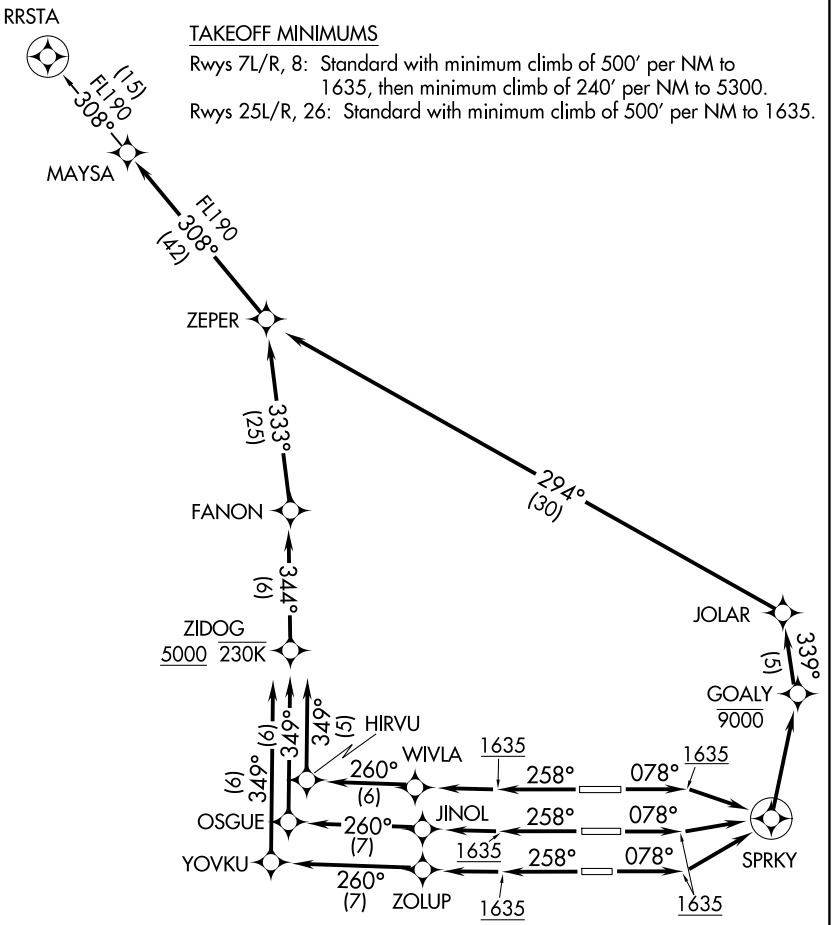
AL-322 (FAA)

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

D-ATIS
127.575
CLNC DEL
118.1 269.2
CPDLC
GND CON
119.75 269.2 (NORTH)
132.55 269.2 (SOUTH)
PHOENIX TOWER
118.7 278.8 (Rwy 8-26)
120.9 254.3 (Rwys 7L-25R, 7R-25L)
PHOENIX DEP CON
119.2 281.45

TOP ALTITUDE: 8000

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ZEPER TWO DEPARTURE (RNAV)

PHOENIX, ARIZONA
PHOENIX SKY HARBOR INTL (PHX)

(ZEPER2.ZEPER) 21MAY20

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R, 8: Climb on heading 078° to 1635, then direct SPRKY, then turn left direct to cross GOALY at or below 9000, then on track 339° to JOLAR, then on track 294° to ZEPER. Thence . . . .

TAKEOFF RUNWAY 25L: Climb on heading 258° to 1635, then direct ZOLUP, then on track 260° to YOVKU, then on track 349° to cross ZIDOG at or above 5000 and at or below 230K, then on track 344° to FANON, then on track 333° to ZEPER, thence . . . .

TAKEOFF RUNWAY 25R: Climb on heading 258° to 1635, then direct JINOL, then on track 260° to OSGUE, then on track 349° to cross ZIDOG at or above 5000 and at or below 230K, then on track 344° to FANON, then on track 333° to ZEPER, thence . . . .

TAKEOFF RUNWAY 26: Climb on heading 258° to 1635, then direct WIVLA, then on track 260° to HIRVU, then on track 349° to cross ZIDOG at or above 5000 and at or below 230K, then on track 344° to FANON, then on track 333° to ZEPER, thence . . . .

. . . . on RRSTA transition. Maintain 8000, expect higher altitude 3 minutes after departure.

RRSTA TRANSITION (ZEPER2.RRSTA)

SW-4, 03 SEP 2026 to 29 OCT 2026

PRESCOTT, ARIZONA | AL-546 (FAA) | 25331

LOC/DME I-PRC	APP CRS	Rwy Ldg	7619
108.5	208°	TDZE	4977
Chan 22		Apt Elev	5045

ILS or LOC/DME RWY 21L

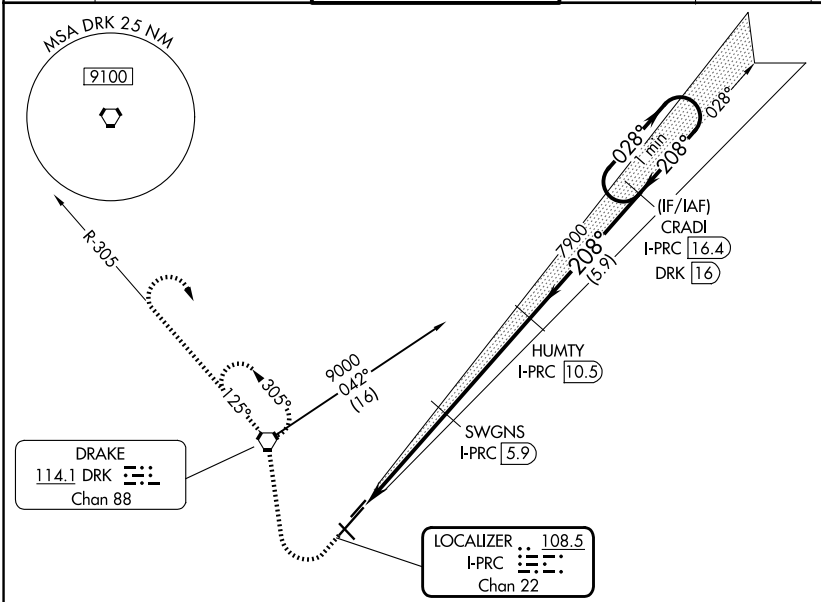
PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

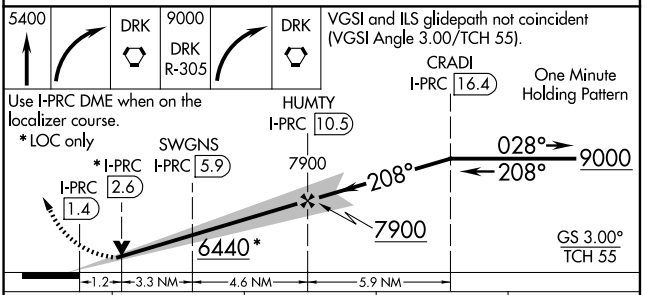
Circling Rwy 3L, 12, 30 NA at night.

MALSR

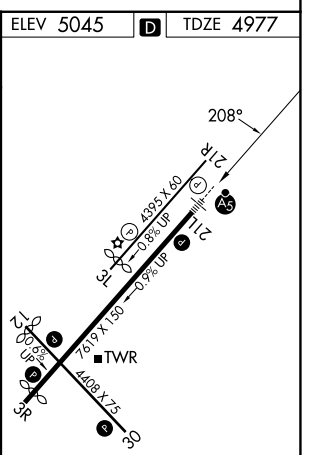
MISSED APPROACH: Climb to 5400 then climbing right turn direct DRK VORTAC and DRK VORTAC R-305 to 9000, then right turn direct DRK VORTAC and hold.

ATIS	PHOENIX APP CON	PRESCOTT TOWER ★	GND CON	128.75 L	UNICOM
127.2	133.575 281.55	125.3 (CTAF) L 257.9	121.7		122.95





CATEGORY	A	B	C	D
S-ILS 21L	5177-½ 200 (200-½)			
S-LOC 21L	5380-½ 403 (400-½)		5380-¾ 403 (400-¾)	
CIRCLING	5540-1 495 (500-1)	5760-1 715 (800-1)	6080-3 1035 (1100-3)	6680-3 1635 (1700-3)



MIRL all rwys L
REIL all rwys except 21L L

PRESCOTT, ARIZONA
Amdt 4C 15AUG19

34°39′N-112°25′W

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

ILS or LOC/DME RWY 21L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	7239
028°	TDZE	5022
	Apt Elev	5045

RNAV (RNP) Z RWY 3R

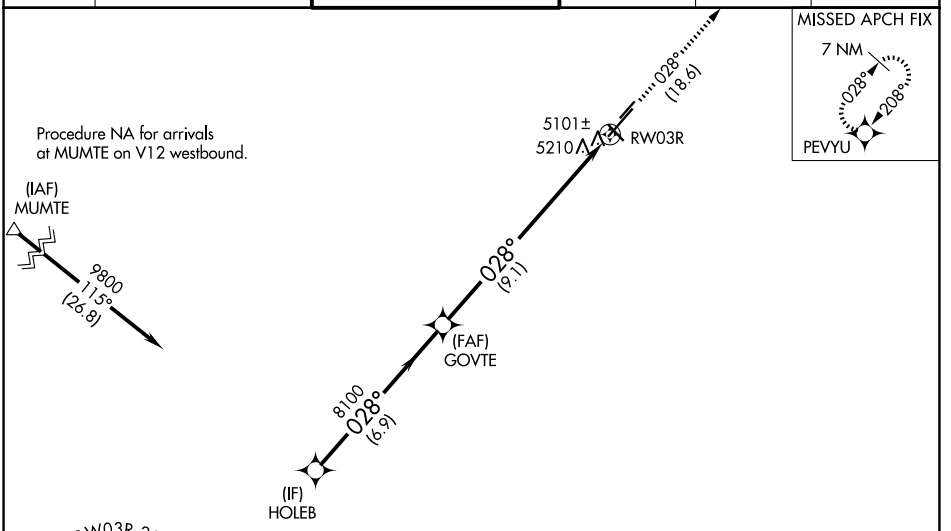
PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

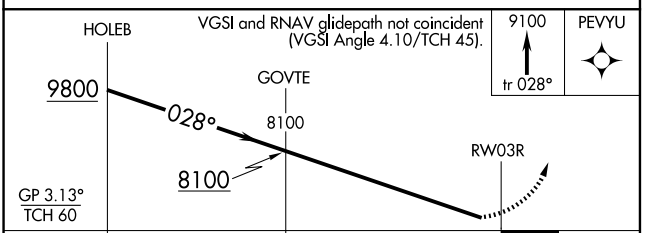
RNP AR APCH.

T For uncompensated Baro-VNAV systems, procedure NA below -11°C or above 54°C.

MISSED APPROACH: Climb to 9100 on track 028° direct PEVYU and hold.

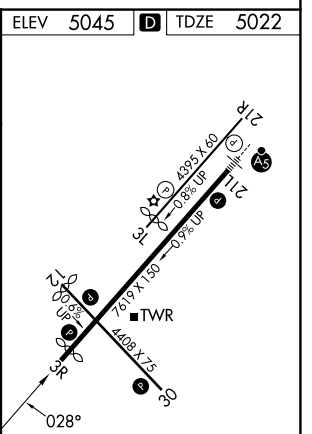
ATIS	PHOENIX APP CON	PRESCOTT TOWER ★	GND CON		UNICOM
127.2	133.575 281.55	125.3 (CTAF) L 257.9	121.7	128.75 L	122.95





CATEGORY	A	B	C	D
RNP 0.15 DA	5376-1⅛ 354 (400-1⅛)			NA
RNP 0.30 DA	5540-1⅝ 518 (500-1⅝)			NA

AUTHORIZATION REQUIRED



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PRESCOTT, ARIZONA | AL-546 (FAA) | 25331

WAAS	APP CRS	Rwy Ldg	4258
CH 49235	123°	TDZE	5026
W12A		Apt Elev	5045

RNAV (GPS) RWY 12

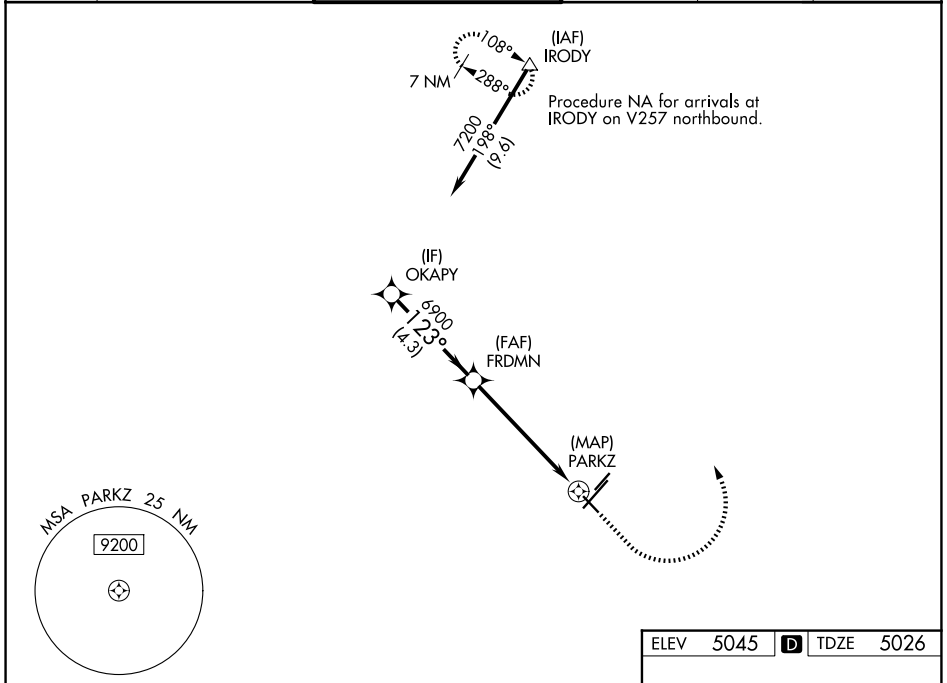
PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C or above 49°C. Rwy 12 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 12 NA at night, Circling Rwy 12, 3L, 30 NA at night.

MISSED APPROACH: Climb to 5500 then climbing left turn to 9000 direct IRODY and hold, continue climb-in-hold to 9000.

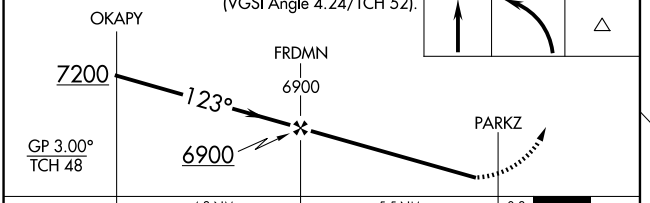
ATIS	PHOENIX APP CON	PRESCOTT TOWER★	GND CON		UNICOM
127.2	133.575 281.55	125.3 (CTAF) L 257.9	121.7	128.75 L	122.95

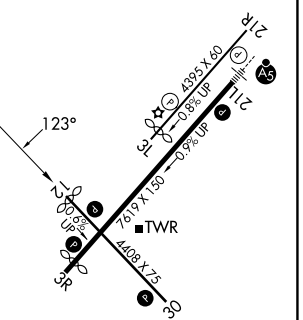


ELEV 5045 D TDZE 5026

VGSI and RNAV glidepath not coincident (VGSI Angle 4.24/TCH 52).

5500 | 9000 | IRODY





CATEGORY	A	B	C	D
LPV DA	5276-1 250 (300-1)			
LNAV/VNAV DA	5432-1⅜ 406 (400-1⅜)			
LNAV MDA	5520-1 494 (500-1)		5520-1⅜ 494 (500-1⅜)	
CIRCLING	5520-1 475 (500-1)	5760-1 715 (800-1)	6080-3 1035 (1100-3)	6680-3 1635 (1700-3)

MIRL all rwys L
REIL all rwys except 21L L

PRESCOTT, ARIZONA
Orig-B 15AUG19

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)
34°39'N-112°25'W
RNAV (GPS) RWY 12

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	7619
CH 40002	208°	TDZE	4977
W21A		Apt Elev	5045

RNAV (GPS) RWY 21L

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

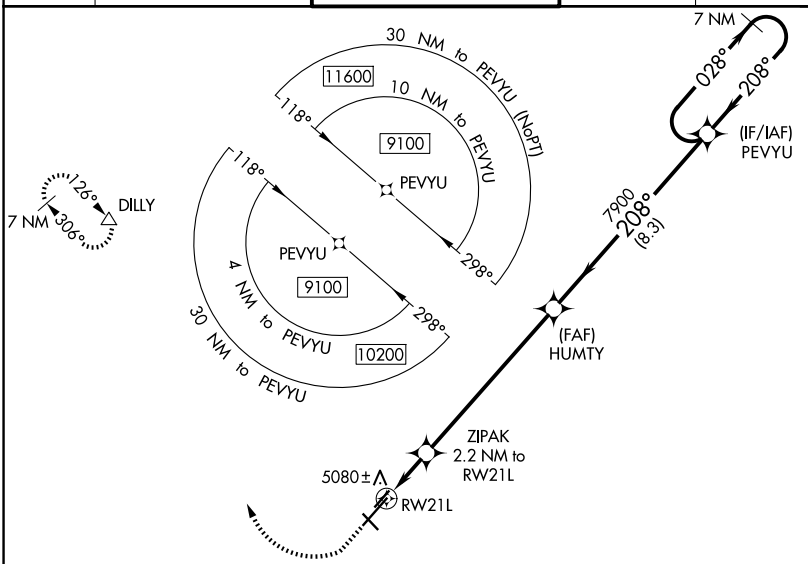
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C or above 47°C. For inoperative ALS, increase LPV all Cats visibility to 1 SM, LNAV/VNAV all Cats visibility to 1⅛ SM, and LNAV Cat C/D visibility to 1⅜ SM. Circling Rwy 3L, 12, 30 NA at night.
Missed approach requires a minimum climb of 345 feet per NM to 7300.

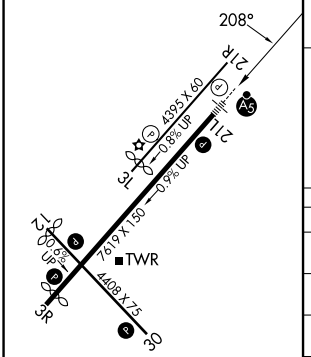
MALSR

MISSED APPROACH: Climb to 5500 then climbing right turn to 9100 direct DILLY and hold, continue climb-in-hold to 9100.

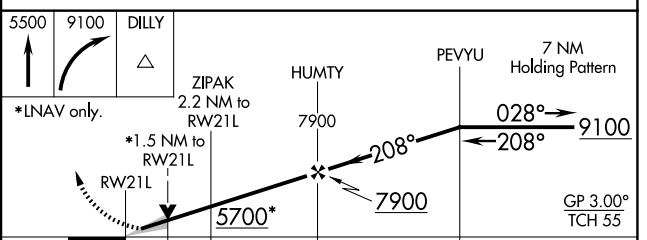
ATIS	PHOENIX APP CON	PRESCOTT TOWER★	GND CON		UNICOM
127.2	133.575 281.55	125.3 (CTAF) L 257.9	121.7	128.75 L	122.95



ELEV 5045 D TDZE 4977



MIRL all rwys L
REIL all rwys except 21L L



CATEGORY	A	B	C	D
LPV DA#	5177-½ 200 (200-½)			
LPV DA	5277-½ 300 (300-½)			
LNAV/VNAV DA	5391-⅞ 414 (400-⅞)			
LNAV MDA	5480-½ 503 (500-½)		5480-1 503 (500-1)	
CIRCLING	5520-1 475 (500-1)	5760-1 715 (800-1)	6080-3 1035 (1100-3)	6680-3 1635 (1700-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PRESCOTT, ARIZONA | AL-546 (FAA) | 25331

WAAS	APP CRS	Rwy Ldg	7239
CH 45835	028°	TDZE	5022
W03B		Apt Elev	5045

RNAV (GPS) Y RWY 3R

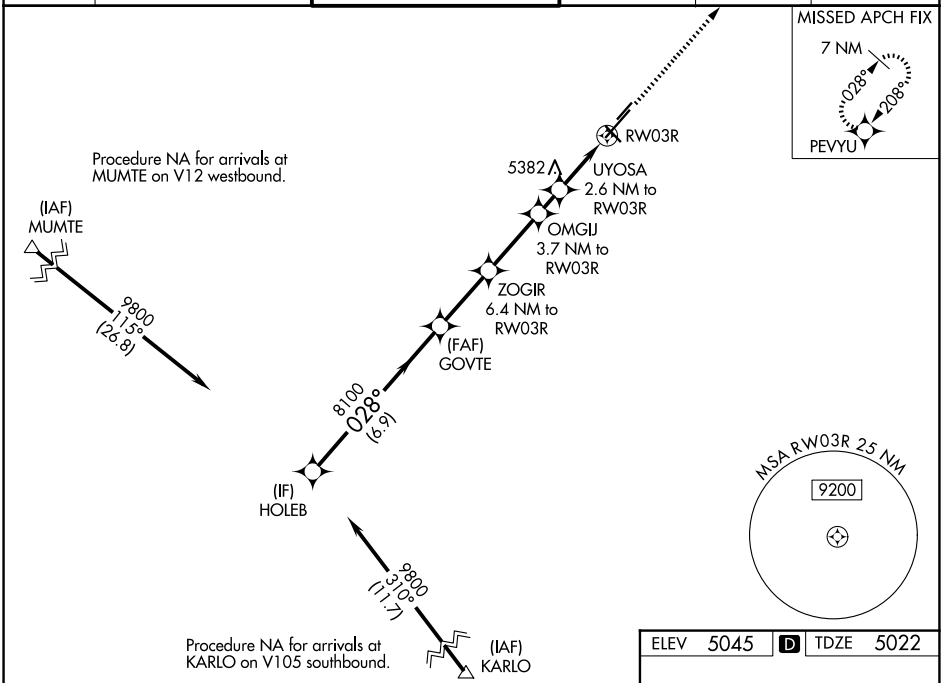
PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

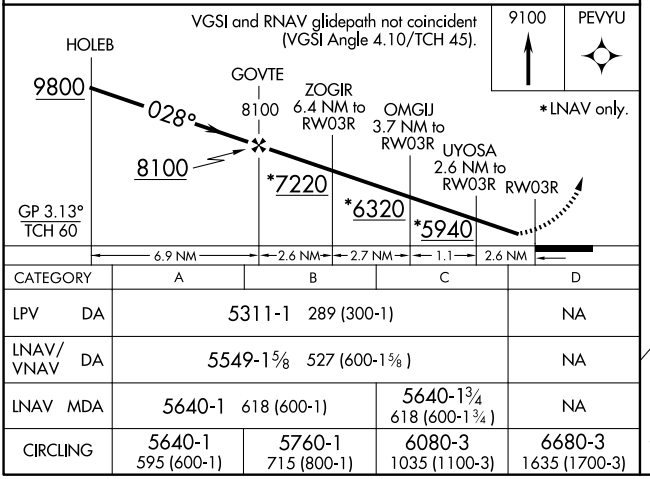
RNP APCH.

Baro-VNAV NA.
Rwy 3R helicopter visibility reduction below ¾ SM NA.
Circling Rwy 3L, 12, 30 NA at night.

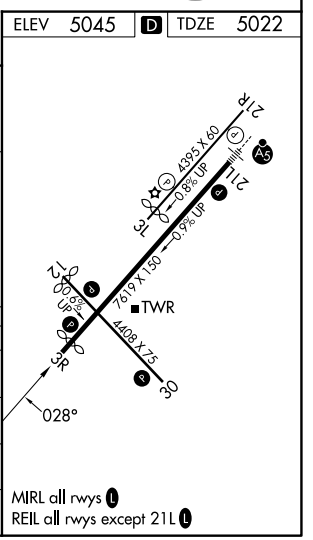
MISSED APPROACH: Climb to 9100 direct PEVYU and hold.

ATIS	PHOENIX APP CON	PRESCOTT TOWER ★	GND CON		UNICOM
127.2	133.575 281.55	125.3 (CTAF) L 257.9	121.7	128.75 L	122.95





CATEGORY	A	B	C	D
LPV DA	5311-1 289 (300-1)			NA
LNAV/VNAV DA	5549-1⅝ 527 (600-1⅝)			NA
LNAV MDA	5640-1 618 (600-1)		5640-1¾ 618 (600-1¾)	NA
CIRCLING	5640-1 595 (600-1)	5760-1 715 (800-1)	6080-3 1035 (1100-3)	6680-3 1635 (1700-3)



PRESCOTT, ARIZONA
Orig-B 15AUG19

34°39'N-112°25'W

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

RNAV (GPS) Y RWY 3R

SW-4, 03 SEP 2026 to 29 OCT 2026

VORTAC DRK	APP CRS	Rwy Ldg	4258
114.1	125°	TDZE	5027
Chan 88		Apt Elev	5045

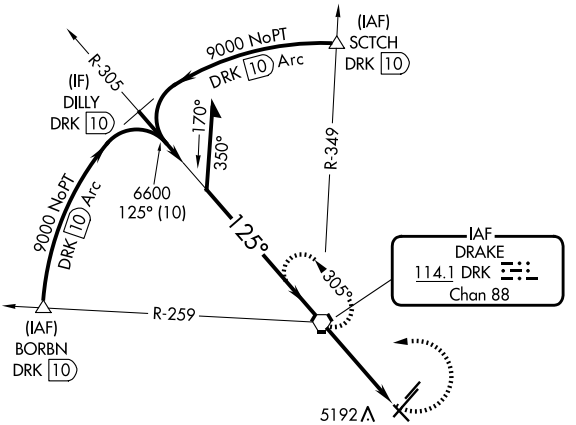
VOR RWY 12

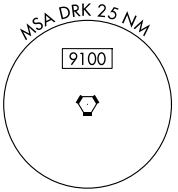
PRESCOTT RGNL/ERNEST A LOVE FIELD (PRC)

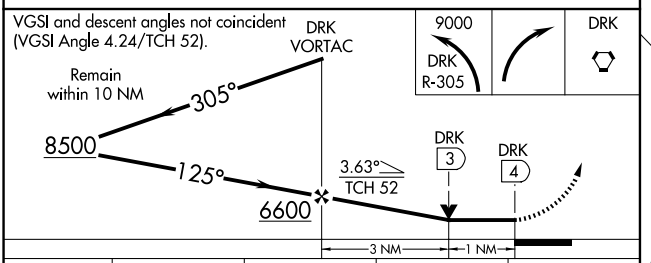
Rwy 12 helicopter visibility reduction below ¾ SM NA.
Circling Rwy 3L, 30 NA at night.

MISSED APPROACH: Climbing left turn to 9000 via DRK VORTAC R-305 then right turn direct DRK VORTAC and hold, continue climb-in-hold to 9000.

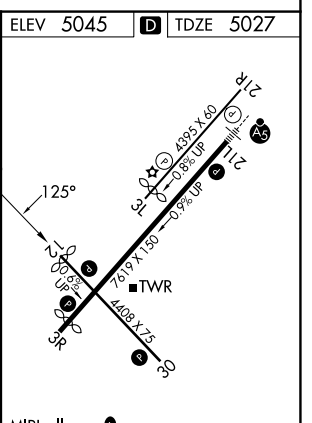
ATIS	PHOENIX APP CON	PRESCOTT TOWER★	GND CON		UNICOM
127.2	133.575 281.55	125.3 (CTAF) L 257.9	121.7	128.75 L	122.95







CATEGORY	A	B	C	D
S-12	5460-1 433 (500-1)		5460-1¼ 433 (500-1¼)	NA
CIRCLING	5520-1 475 (500-1)	5760-1 715 (800-1)	6080-3 1035 (1100-3)	NA



MIRL all rwys L
REIL all rwys except 21L L

FAF to MAP 4 NM					
Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

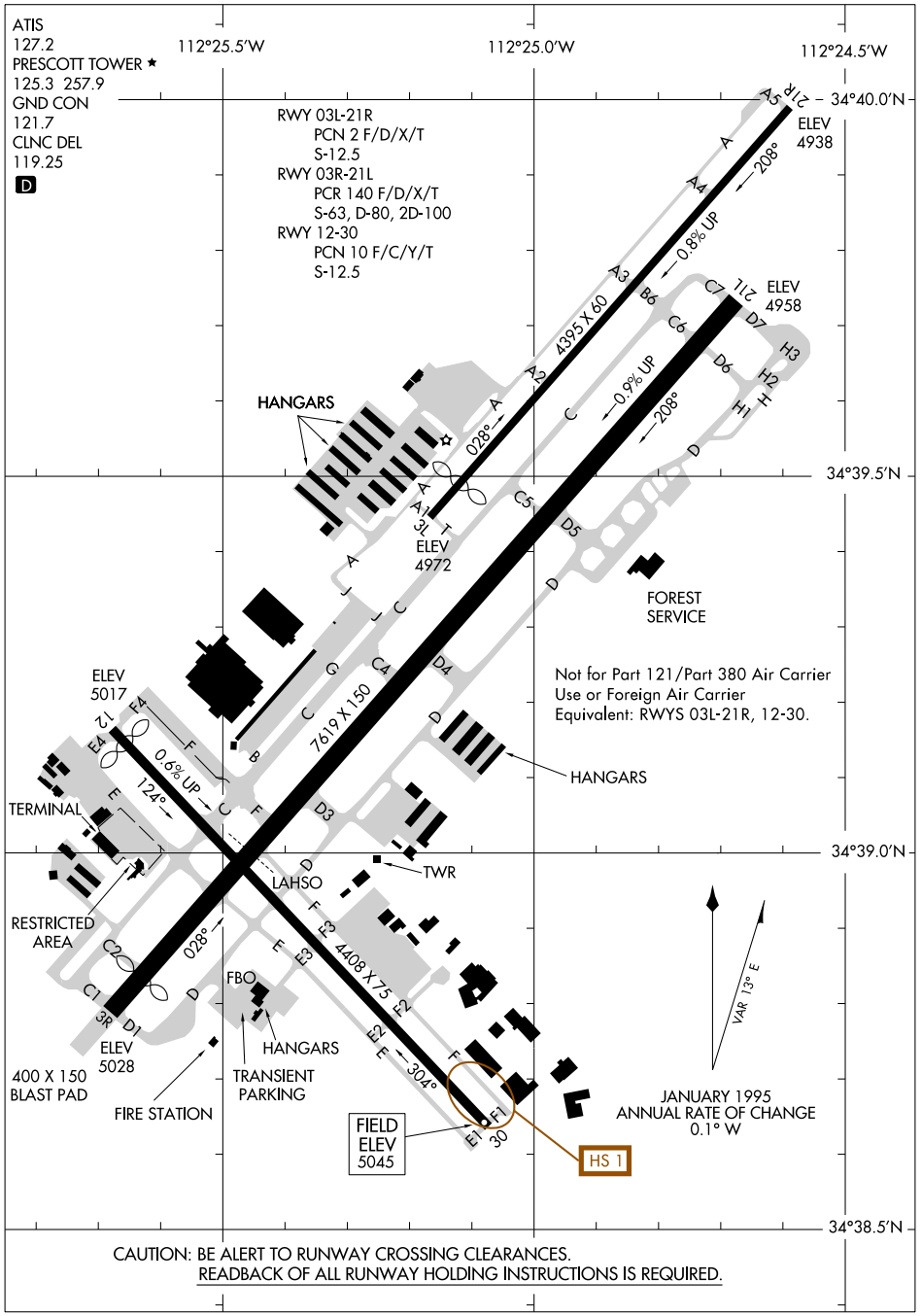
26190

AIRPORT DIAGRAM

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

AL-546 (FAA)

PRESCOTT, ARIZONA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

PRESCOTT, ARIZONA

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

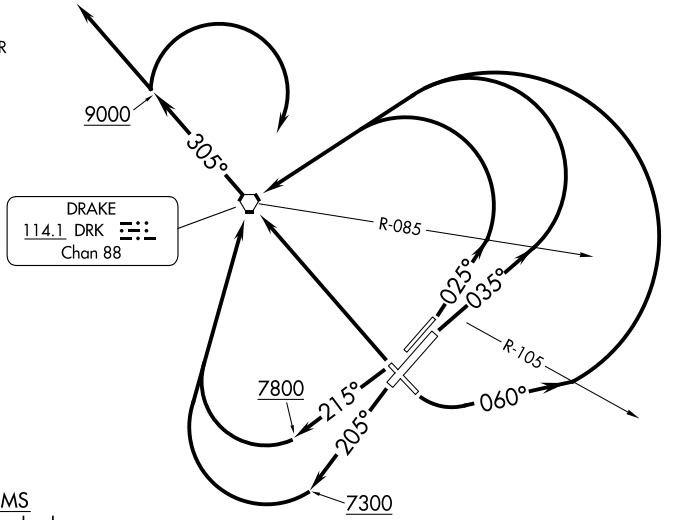
26190

PRESCOTT THREE DEPARTURE (OBSTACLE)

AL-546 (FAA)

PRESCOTT, ARIZONA

PHOENIX DEP CON
133.575 281.55
ALBUQUERQUE CENTER
128.45 298.9
ATIS
127.2
CLNC DEL
119.25
GND CON
121.7
PRESCOTT TOWER ★
125.3 (CTAF) 257.9



TAKEOFF MINIMUMS

Rwys 3L/R, 30: Standard.

Rwy 12: Standard with a minimum climb of 260′ per NM to 5700 or 600-2¾ with a minimum climb of 245′ per NM to 5600 or 1800-3 for VCOA.

Rwy 21L: Standard with a minimum climb of 430′ per NM to 8200 or 1800-3 for VCOA.

Rwy 21R: Standard with a minimum climb of 500′ per NM to 8800 or 1800-3 for VCOA.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3L: Climb heading 025° until crossing DRK VORTAC R-085, then climbing left turn direct DRK VORTAC, thence. . . .

TAKEOFF RUNWAY 3R: Climb heading 035° until crossing DRK VORTAC R-085, then climbing left turn direct DRK VORTAC, thence. . . .

TAKEOFF RUNWAY 12: Climbing left turn heading 060° until crossing DRK VORTAC R-105, then climbing left turn direct DRK VORTAC, thence. . . .

TAKEOFF RUNWAY 21L: Climb heading 205° until 7300, then climbing right turn direct DRK VORTAC, thence. . . .

TAKEOFF RUNWAY 21R: Climb heading 215° until 7800, then climbing right turn direct DRK VORTAC, thence. . . .

TAKEOFF RUNWAY 30: Climb direct DRK VORTAC, thence. . . .

. . . .climb on DRK VORTAC R-305 to 9000. Aircraft departing on DRK VORTAC R-305 continue climbing on course. All other aircraft climbing right turn direct DRK VORTAC then on assigned course.

VCOA RUNWAYS 12, 21L/R: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Prescott Airport at or above 6700 direct DRK VORTAC, then climb on DRK VORTAC R-305 to 9000. Aircraft departing on DRK VORTAC R-305 continue climbing on course. All other aircraft climbing right turn direct DRK VORTAC then on assigned course.

(PRC3.DRK) 24305 PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)

PRESCOTT THREE DEPARTURE (OBSTACLE) AL-546 (FAA) PRESCOTT, ARIZONA

TAKEOFF OBSTACLE NOTES

Rwy 3L: Lighting 8′ from DER, 19′ right of centerline, 1′ AGL/4939′ MSL.
Sign 15′ from DER, 126′ left of centerline, 3′ AGL/4939′ MSL.
Tree 20′ from DER, 408′ left of centerline, 4949′ MSL.
Tree 184′ from DER, 404′ left of centerline, 4951′ MSL.

Rwy 12: Tree 4′ from DER, 323′ right of centerline, 5066′ MSL.
Buildings, lighting, sign beginning 9′ from DER, 122′ left of centerline, up to 31′ AGL/5057′ MSL.
Tree, utility pole, sign, terrain beginning 19′ from DER, 65′ right of centerline, up to 28′ AGL/5086′ MSL.
Terrain, trees, building, lighting beginning 24′ from DER, 111′ left of centerline, up to 46′ AGL/5062′ MSL.
Terrain, road beginning 196′ from DER, 317′ left of centerline, up to 5069′ MSL.
Trees beginning 302′ from DER, 361′ left of centerline, up to 45′ AGL/5083′ MSL.
Tower, road, trees, pole beginning 426′ from DER, 267′ left of centerline, up to 46′ AGL/5092′ MSL.
Terrain, trees beginning 2.1 NM from DER, 2368′ right of centerline, up to 56′ AGL/5656′ MSL.

Rwy 21R: Sign, terrain beginning 11′ from DER, 82′ left of centerline, up to 2′ AGL/4977′ MSL.
Sign, trees, road, building, electrical system, pole, tank beginning 11′ from DER, 19′ right of centerline, up to 50′ AGL/5024′ MSL.
Trees beginning 90′ from DER, 70′ left of centerline, up to 50′ AGL/5041′ MSL.
Trees, poles, building beginning 752′ from DER, 22′ right of centerline, up to 50′ AGL/5031′ MSL.
Tree, pole beginning 940′ from DER, 3′ left of centerline, up to 50′ AGL/5044′ MSL.
Trees, poles, building beginning 980′ from DER, 22′ right of centerline, up to 50′ AGL/5044′ MSL.
Fence, trees, poles, road, building, stack, tank beginning 1207′ from DER, 35′ right of centerline, up to 57′ AGL/5054′ MSL.
Trees, poles beginning 1561′ from DER, left and right of centerline, up to 50′ AGL/5064′ MSL.
Trees beginning 1954′ from DER, 129′ left of centerline, 50′ AGL/5064′ MSL.
Trees beginning 2325′ from DER, left and right of centerline, up to 50′ AGL/5080′ MSL.
Trees beginning 2615′ from DER, 140′ left of centerline, up to 50′ AGL/5077′ MSL.
Building, trees beginning 2718′ from DER, 35′ right of centerline, up to 50′ AGL/5093′ MSL.
Trees, pole beginning 3134′ from DER, 128′ left of centerline, up to 50′ AGL/5090′ MSL.
Trees beginning 3442′ from DER, 24′ right of centerline, up to 50′ AGL/5103′ MSL.
Trees beginning 3527′ from DER, 175′ left of centerline, up to 50′ AGL/5103′ MSL.
Antenna, building, trees beginning 3772′ from DER, left and right of centerline, up to 90′ AGL/5116′ MSL.
Trees beginning 4194′ from DER, 145′ right of centerline, up to 5113′ MSL.
Trees beginning 4759′ from DER, left and right of centerline, up to 75′ AGL/5117′ MSL.
Trees beginning 5180′ from DER, 15′ right of centerline, 70′ AGL/5119′ MSL.
Trees beginning 5408′ from DER, 743′ right of centerline, up to 50′ AGL/5126′ MSL.

Rwy 21L: Lighting, fence beginning 30′ from DER, 336′ left of centerline, up to 7′ AGL/5042′ MSL.
Road, fence, tree beginning 111′ from DER, 469′ left of centerline, up to 5051′ MSL.
Road, fence beginning 300′ from DER, 455′ left of centerline, up to 5056′ MSL.
Wind indicator, pole, tree, roads beginning 402′ from DER, 269′ right of centerline, up to 5076′ MSL.
Tree, fence, roads, lighting, pole, sign, navaid, building beginning 614′ from DER, 41′ left of centerline, up to 5113′ MSL.
Trees, road beginning 782′ from DER, 528′ right of centerline, up to 47′ AGL/5089′ MSL.
Trees, road, pole, fence, electrical system, building, lighting, antenna beginning 971′ from DER, 2′ right of centerline, up to 70′ AGL/5117′ MSL.
Trees beginning 1779′ from DER, 108′ left of centerline, up to 71′ AGL/5116′ MSL.

Rwy 30: Buildings, sign, poles beginning 28′ from DER, 127′ left of centerline, up to 25′ AGL/5041′ MSL.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX DEP CON 133.575 281.55
ATIS 127.2
CLNC DEL 119.25
GND CON 121.7
PRESCOTT TOWER★ 125.3 257.9
FLAGSTAFF 113.85 FLG Chan 85(Y)
R-274
KACEE
(24) 39
349°
11000
V257
PHYLE
15
R-349
10000 DRK 15 Arc
DRRTY
15
R-061
JUWSO
V12 264
10000
061°
(7)
22
N
WNSKI
DRK 15 Arc
10000
V562
10000
117°
(31)
46
FERER
5800
210°
028°
117°
15
R-117
200°
304°
045°
208°
5800
5Z00
R-168
15
ZADER
10000 DRK 15 Arc
168°
12000
V105
(10)
25
KARLO
DRAKE 114.1 DRK Chan 88
R-259
15
TURNE
10000 DRK 15 Arc
V12
10000
259°
(14)
29
MUMTE
TOP ALTITUDE:
KACEE, KARLO TRANSITIONS: 12000
FERER, JUWSO, MUMTE
TRANSITIONS: 10000
TAKEOFF MINIMUMS
Rwy 3L: Standard with minimum climb of 330' per NM to 6800.
Rwy 3R: Standard with minimum climb of 340' per NM to 6800.
Rwy 12: Standard with minimum climb of 500' per NM to 7100.
Rwys 21L: Standard with minimum climb of 335' per NM to 7000.
Rwys 21R: Standard with minimum climb of 335' per NM to 7100.
Rwy 30: Standard with minimum climb of 400' per NM to 6900.
(CONTINUED ON FOLLOWING PAGE)
NOTE: RADAR and DME required.
NOTE: Chart not to scale.

(WNSKI2.WNSKI) 24305

WNSKI TWO DEPARTURE

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC)
AL-546 (FAA)
PRESCOTT, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 3L/R: Climb on heading 028° to 5800, then climbing right turn to heading 210° to intercept DRK VORTAC R-117 to WNSKI, thence. . . .

TAKEOFF RUNWAY 12: Climbing left turn to intercept DRK VORTAC R-117 to WNSKI, thence. . . .

TAKEOFF RUNWAYS 21L/R: Climb on heading 208° to 5800, then climbing left turn heading 045° to intercept DRK VORTAC R-117 to WNSKI, thence. . . .

TAKEOFF RUNWAY 30: Climb on heading 304° to 5700, then climbing right turn to heading 200° to intercept DRK VORTAC R-117 to WNSKI, thence. . . .

. . . .on transition. FERER, JUWSO, MUMTE, transitions maintain 10000. KACEE, KARLO, transitions maintain 12000. Expect filed altitude 5 minutes after departure.

FERER TRANSITION (WNSKI2.FERER): From over WNSKI on DRK R-117 to FERER.

JUWSO TRANSITION (WNSKI2.JUWSO): From over WNSKI on DRK 15 DME Arc CCW to DRRTY, then on DRK R-061 to JUWSO.

KACEE TRANSITION (WNSKI2.KACEE): From over WNSKI on DRK 15 DME Arc CCW to PHYLE, then on DRK R-349 to KACEE.

KARLO TRANSITION (WNSKI2.KARLO): From over WNSKI on DRK 15 DME Arc CW to ZADER, then on DRK R-168 to KARLO.

MUMTE TRANSITION (WNSKI2.MUMTE): From over WNSKI on DRK 15 DME Arc CW to TURNE, then on DRK R-259 to MUMTE.

ILS or LOC RWY 1

CARBON COUNTY RGNL/BUCK DAVIS FLD (PUC)

LOC/DME I-PUC	APP CRS	Rwy Ldg	8316
109.35	007°	TDZE	5862
Chan 30 (Y)		Apt Elev	5958

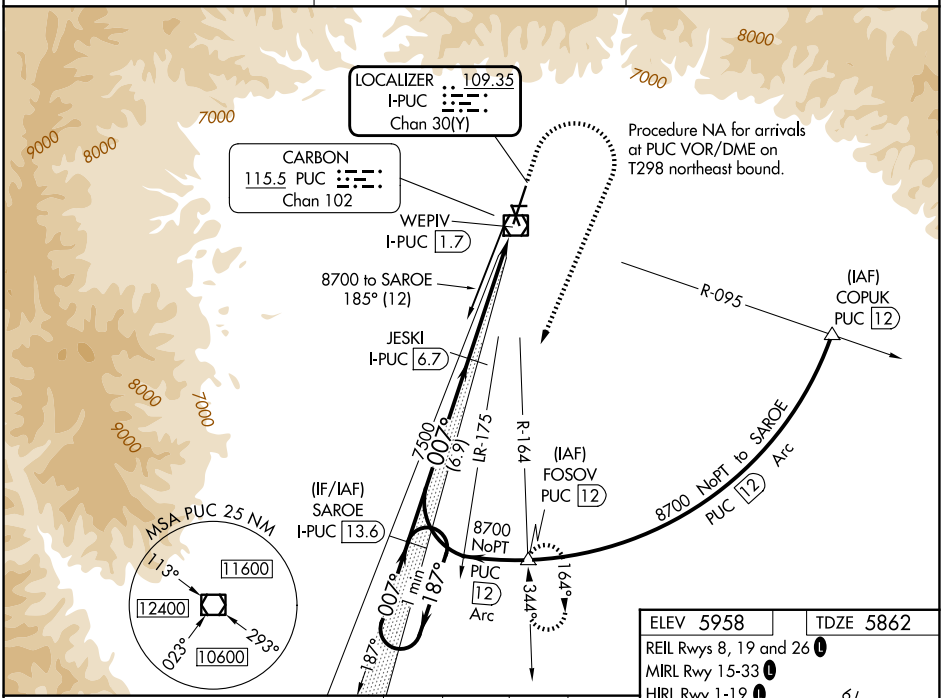
DME required for procedure entry. DME required.

T A NA Circling NA at night. For inoperative ALS, increase S-ILS 1 all Cats visibility to ⅞ SM. Inoperative table does not apply to S-ILS 1# all Cats.

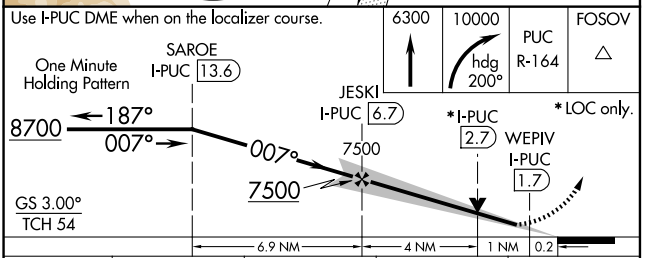
MALSF

MISSED APPROACH: Climb to 6300 then climbing right turn to 10000 on heading 200° and on PUC VOR/DME R-164 to FOSOV/PUC 12 DME and hold, continue climb-in-hold to 10000. #Missed approach requires minimum climb of 339 feet per NM to 7100.

ASOS	SALT LAKE CENTER	UNICOM
135.425	133.9 370.85	122.8 (CTAF) L



Use I-PUC DME when on the localizer course.



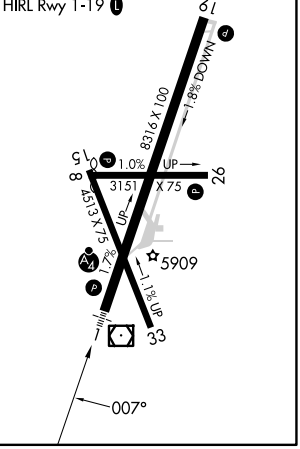
CATEGORY	A	B	C	D
S-ILS 1#	6062-¾ 200 (200-¾)			
S-ILS 1	6127-¾ 265 (200-¾)			
S-LOC 1	6240-¾ 378 (300-¾)			
CIRCLING	6660-1 702 (800-1)	6860-1¼ 902 (1000-1¼)	7120-3 1162 (1200-3)	NA

ELEV 5958 TDZE 5862

REIL Rwys 8, 19 and 26 L

MIRL Rwy 15-33 L

HIRL Rwy 1-19 L



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PRICE, UTAH | AL-681 (FAA) | 26022

RNAV (GPS) RWY 1

CARBON COUNTY RGNL/BUCK DAVIS FLD (PUC)

WAAS	APP CRS	Rwy Ldg	8316
CH 78037	007°	TDZE	5862
W01A		Apt Elev	5958

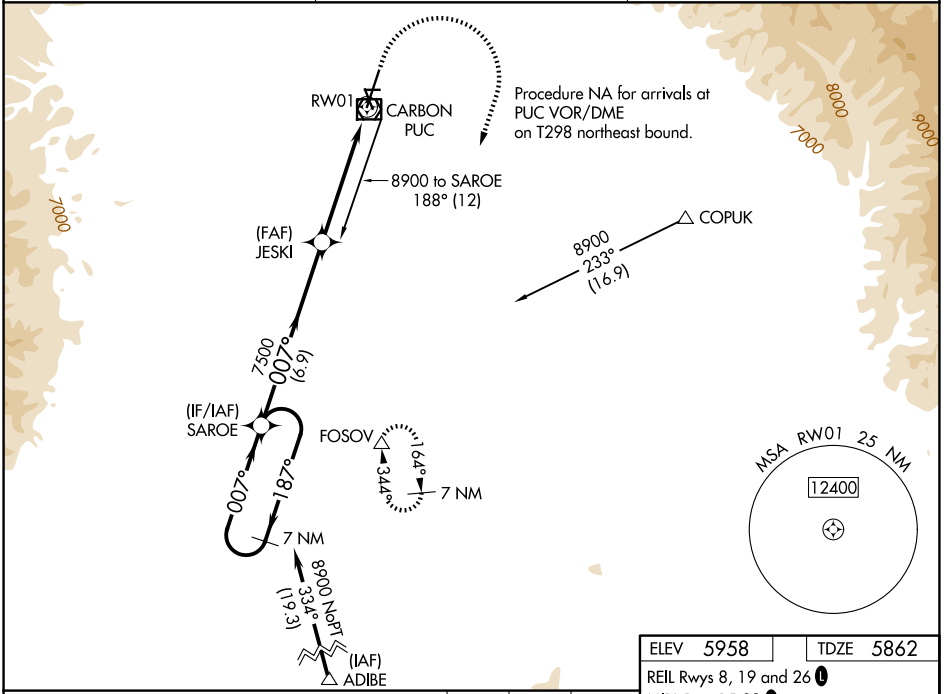
RNP APCH.

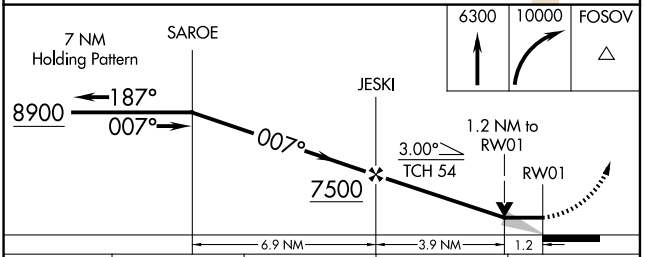
Circling NA at night. For inoperative ALS increase LP Cat C/D visibility to 1⅜ SM.

MALSF

MISSED APPROACH: Climb to 6300 then climbing right turn to 10000 direct FOSOV and hold, continue climb-in-hold to 10000. #Missed approach requires minimum climb of 296 feet per NM to 7500.

ASOS	SALT LAKE CENTER	UNICOM
135.425	133.9 370.85	122.8 (CTAF) L





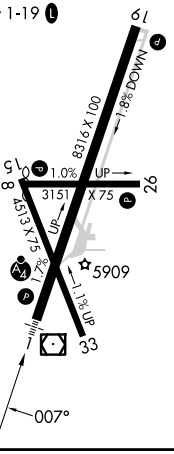
CATEGORY	A	B	C	D
LP MDA #	6240-¾ 378 (300-¾)			
LNAV MDA #	6260-¾ 398 (400-¾)		6260-⅞ 398 (400-⅞)	
LP MDA	6320-¾ 458 (400-¾)		6320-1 458 (400-1)	
LNAV MDA	6500-¾ 638 (600-¾)		6500-1½ 638 (600-1½)	
CIRCLING	6660-1 702 (800-1)	6860-1¼ 902 (1000-1¼)	7120-3 1162 (1200-3)	NA

ELEV 5958 | TDZE 5862

REIL Rwys 8, 19 and 26 L

MIRL Rwy 15-33 L

HIRL Rwy 1-19 L



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ILS or LOC RWY 13

PROVO MUNI (PVU)

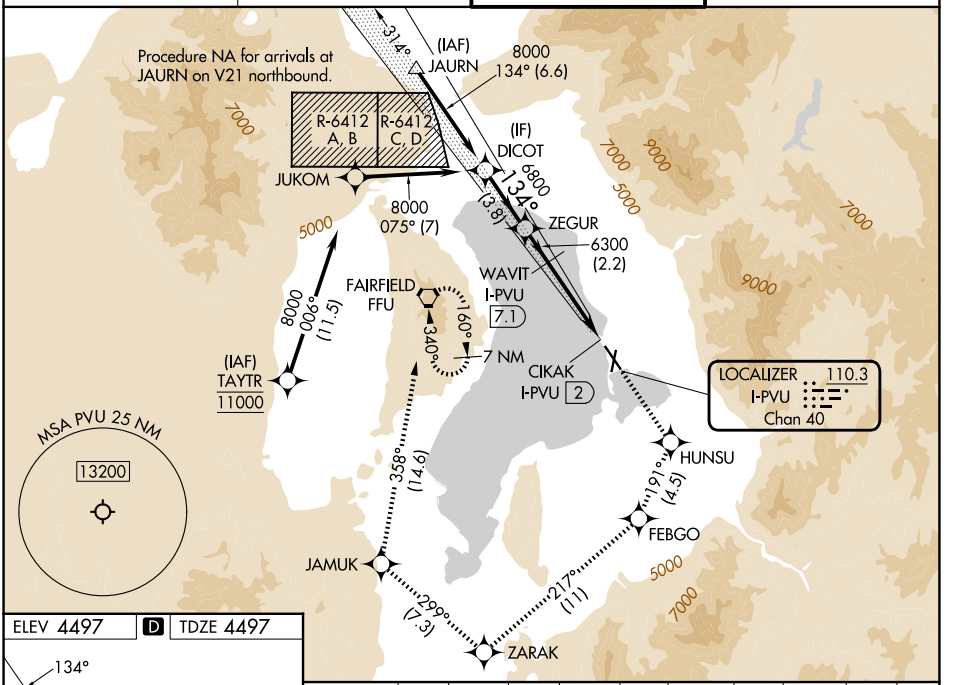
LOC/DME I-PVU	APP CRS	Rwy Ldg	8599
110.3	134°	TDZE	4497
Chan 40		Apt Elev	4497

RNP APCH - GPS.

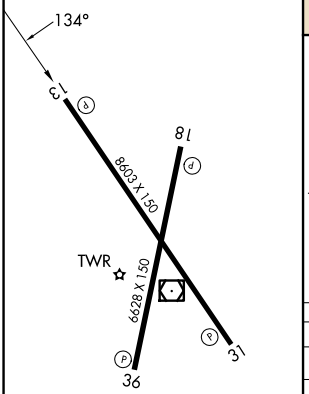
Rwy 13 helicopter visibility reduction below ¾ SM NA. Circling Rwy 18, 36 NA at night. When local altimeter setting not received, procedure NA. Circling NA east of Rwys 18 and 31.

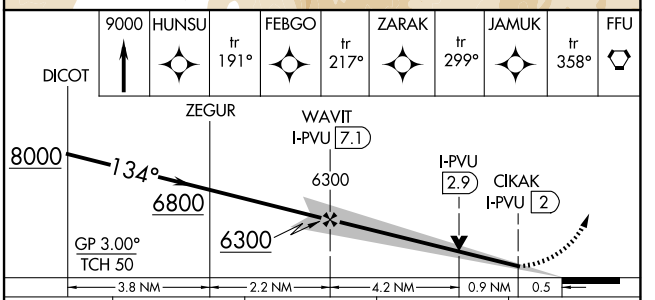
MISSED APPROACH: Climb to 9000 direct HUNSU and on track 191° to FEBGO and on track 217° to ZARAK and on track 299° to JAMUK and on track 358° to FFU VORTAC and hold. *Missed approach requires minimum climb of 215 feet per NM to 7760.

ATIS	SALT LAKE CITY APP CON	PROVO TOWER*	GND CON
135.175	118.85 233.7	125.3 (CTAF)	119.4



ELEV 4497 D TDZE 4497





CATEGORY	A	B	C	D
S-ILS 13*	4756-¾ 259 (300-¾)			
S-ILS 13	4925-1¼ 428 (500-1¼)			
S-LOC 13	4980-1 483 (500-1)		4980-1⅜ 483 (500-1⅜)	
CIRCLING	4980-1 483 (500-1)		5160-1¾ 663 (700-1¾)	5280-2½ 783 (800-2½)

REIL Rwy 13
HIRL Rwy 13-31
MIRL Rwy 18-36

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

PROVO, UTAH | AL-683 (FAA) | 25331

WAAS	APP CRS	Rwy Ldg	8599
CH 97307	134°	TDZE	4497
W13A		Apt Elev	4497

RNAV (GPS) RWY 13

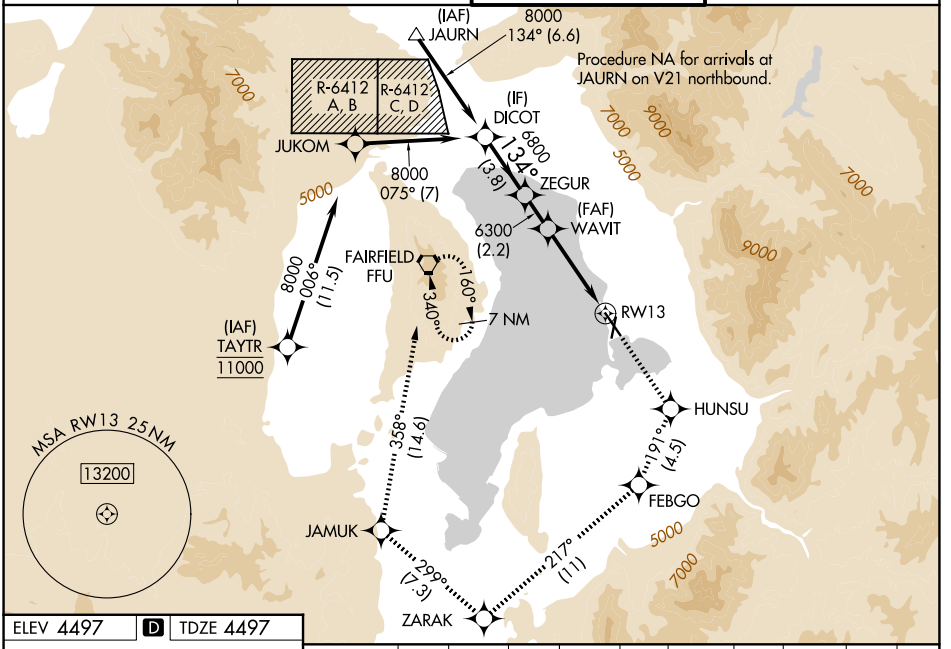
PROVO MUNI (PVU)

RNP APCH - GPS.

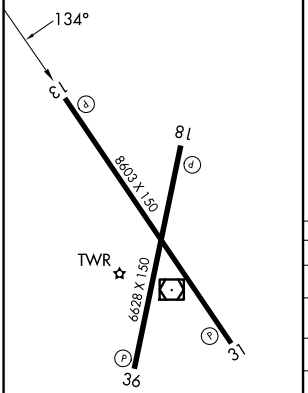
Rwy 13 helicopter visibility reduction below ¾ SM NA. Circling Rwy 18, 36 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C or above 54°C. When local altimeter setting not received, procedure NA. Circling NA east of Rwy 18 and 31.

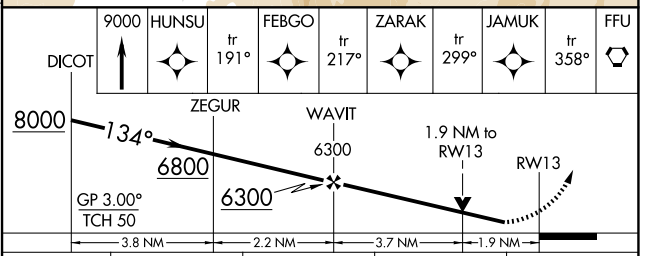
MISSED APPROACH: Climb to 9000 direct HUNSU and on track 191° to FEBGO and on track 217° to ZARAK and on track 299° to JAMUK and on track 358° to FFU VORTAC and hold. *Missed approach requires minimum climb of 215 feet per NM to 7760.

ATIS	SALT LAKE CITY APP CON	PROVO TOWER*	GND CON
135.175	118.85 233.7	125.3 (CTAF)	119.4



ELEV 4497 | D | TDZE 4497

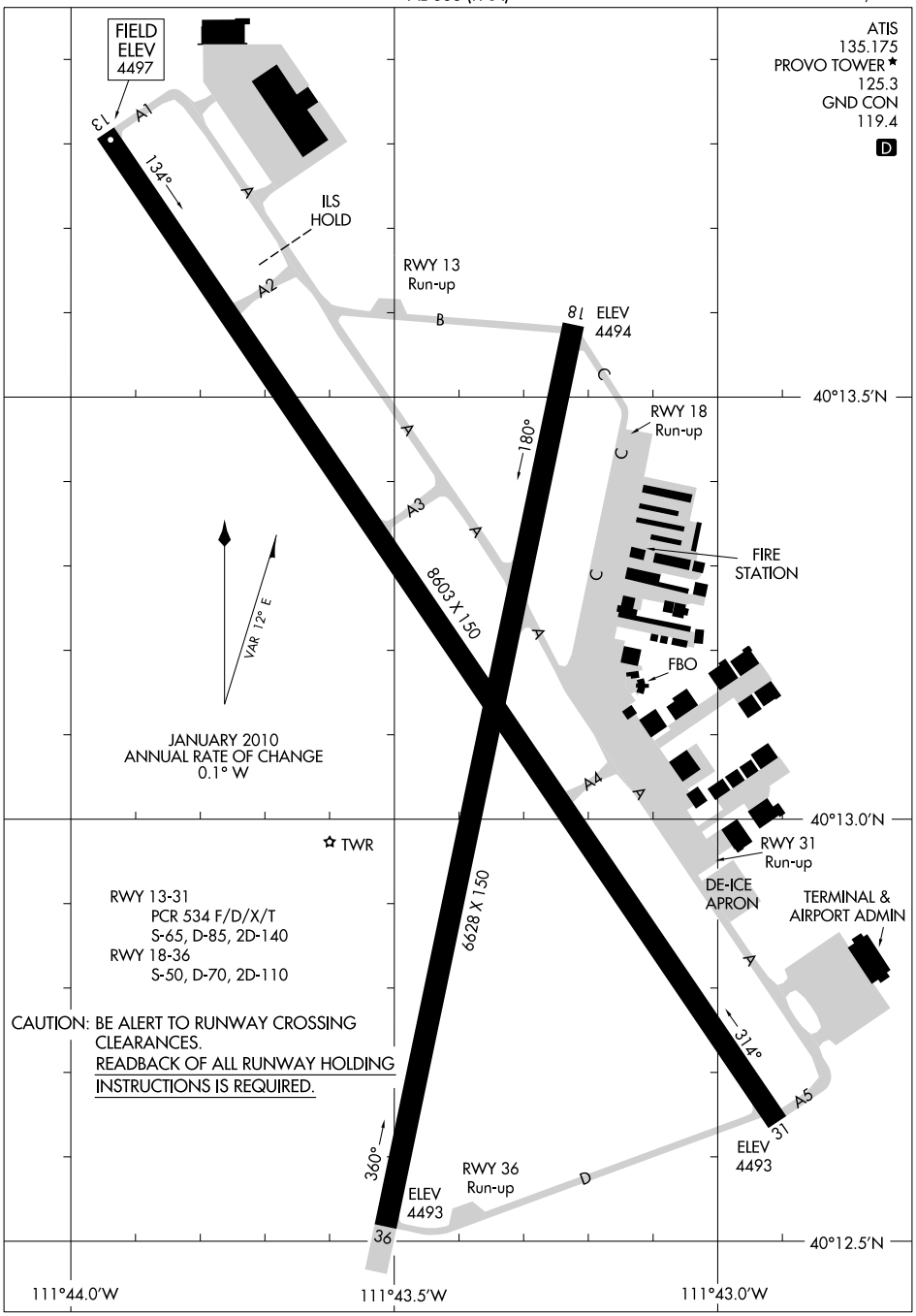




CATEGORY	A	B	C	D
LPV DA*	4756-¾ 259 (300-¾)			
LNAV/VNAV DA*	4838-1 341 (400-1)			
LPV DA	4925-1¼ 428 (500-1¼)			
LNAV/VNAV DA	4981-1⅜ 484 (500-1⅜)			
LNAV MDA	5140-1 643 (700-1)		5140-1⅞ 643 (700-1⅞)	
CIRCLING	5140-1 643 (700-1)		5160-1⅞ 663 (700-1⅞)	5280-2½ 783 (800-2½)

REIL Rwy 13
HIRL Rwy 13-31
MIRL Rwy 18-36

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026

(PROVO4.FFU) 25051

PROVO FOUR DEPARTURE (OBSTACLE)

AL-683 (FAA)

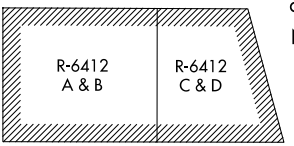
PROVO MUNI (PVU)
PROVO, UTAH

SALT LAKE CITY DEP CON
118.85 233.7
ATIS
135.175
GND CON
119.4
PROVO TOWER ★
125.3 (CTAF)

TAKEOFF MINIMUMS

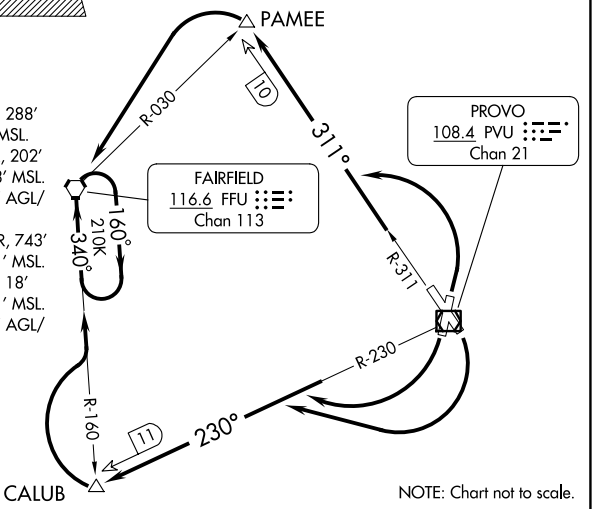
Rwy 13: Standard with a minimum climb of 400' per NM to 9000, or 3100-3 for climb in visual conditions.
Rwy 18: Standard with a minimum climb of 350' per NM to 9000, or 3100-3 for climb in visual conditions.
Rwy 31: Standard with a minimum climb of 380' per NM to 9000, or 3100-3 for climb in visual conditions.
Rwy 36: Standard with a minimum climb of 365' per NM to 9000, or 3100-3 for climb in visual conditions.

NOTE: Climb in visual conditions NA at night.



TAKEOFF OBSTACLE NOTES

Rwy 18: Multiple trees beginning 429' from DER, 288' left of centerline, up to 57' AGL/4533' MSL. Multiple trees beginning 852' from DER, 202' right of centerline, up to 57' AGL/4533' MSL. Road 775' from DER, on centerline, 15' AGL/4518' MSL.
Rwy 31: Multiple trees beginning 1954' from DER, 743' right of centerline, up to 72' AGL/4561' MSL.
Rwy 36: Multiple trees beginning 978' from DER, 18' right of centerline, up to 46' AGL/4541' MSL. Road 210' from DER, on centerline, 15' AGL/4516' MSL.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

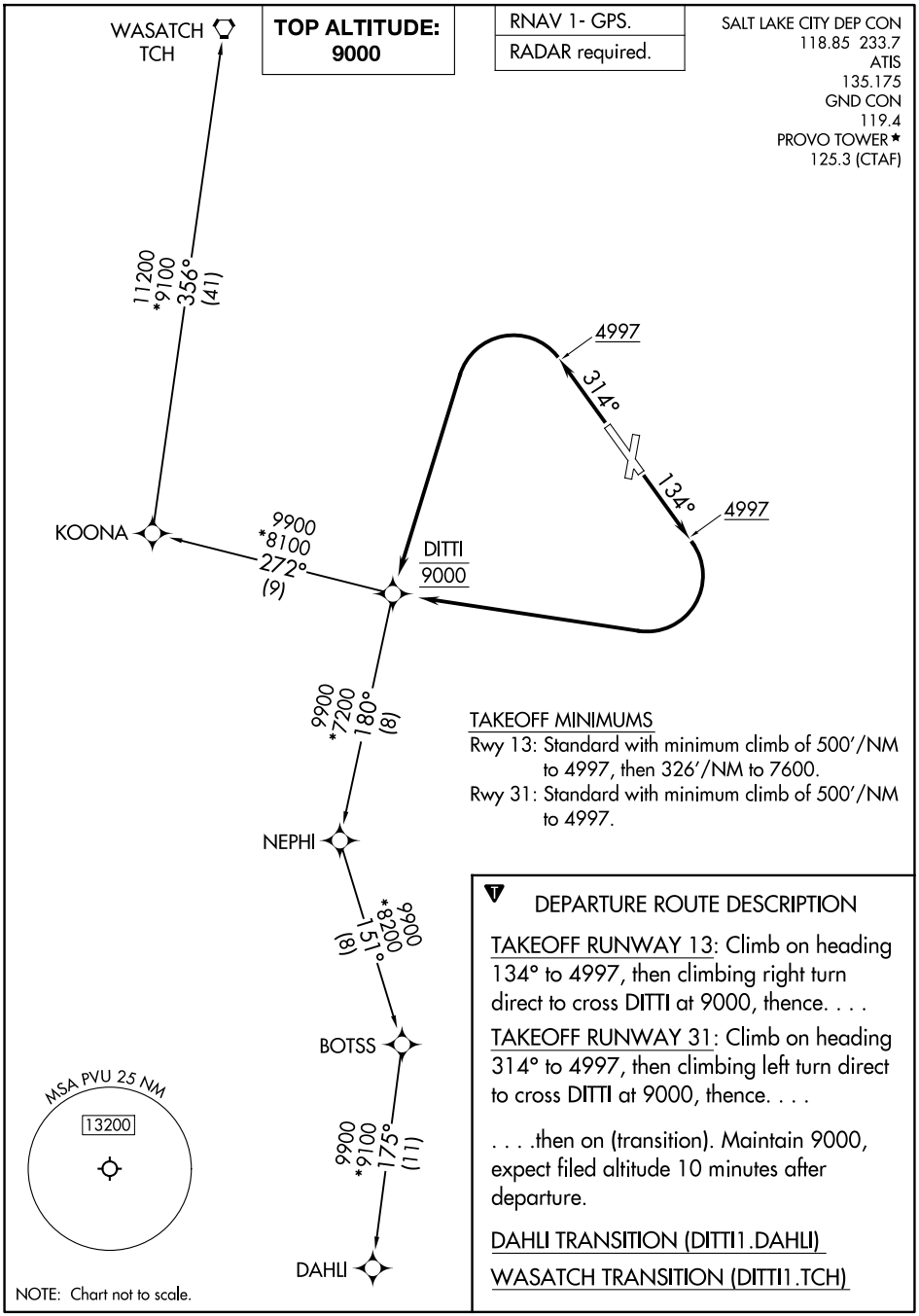
TAKEOFF RUNWAYS 13, 18: Climbing right turn to 9000 via PVU VOR/DME R-230 to CALUB INT/PVU 11 DME and a right turn via FFU VORTAC R-160 to FFU VORTAC and hold. Thence.... or climb in visual conditions to cross Provo Muni Airport southwest bound at or above 7400, climb to 9000 via PVU R-230 to CALUB INT/PVU 11 DME and right turn via FFU R-160 to FFU VORTAC and hold. Thence...

TAKEOFF RUNWAY 31: Climb to 9000 via PVU VOR/DME R-311 to PAMEE INT/PVU 10 DME and left turn direct FFU VORTAC and hold. Thence....
or climb in visual conditions to cross Provo Muni Airport northwest bound at or above 7400, climb to 9000 via PVU R-311 to PAMEE INT/PVU 10 DME and left turn direct FFU VORTAC and hold. Thence...

TAKEOFF RUNWAY 36: Climbing left turn to 9000 via PVU VOR/DME R-311 to PAMEE INT/PVU 10 DME and left turn direct FFU VORTAC and hold. Thence....
or climb in visual conditions to cross Provo Muni Airport northwest bound at or above 7400, climb to 9000 via PVU R-311 to PAMEE INT/PVU 10 DME, and left turn direct FFU VORTAC and hold. Thence...

....Expect clearance for filed route and altitude within 10 minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026



TAKEOFF MINIMUMS

Rwy 13: Standard with minimum climb of 500'/NM to 4997, then 326'/NM to 7600.

Rwy 31: Standard with minimum climb of 500'/NM to 4997.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 134° to 4997, then climbing right turn direct to cross DITTI at 9000, thence. . . .

TAKEOFF RUNWAY 31: Climb on heading 314° to 4997, then climbing left turn direct to cross DITTI at 9000, thence. . . .

. . . .then on (transition). Maintain 9000, expect filed altitude 10 minutes after departure.

DAHLI TRANSITION (DITTI1.DAHLI)

WASATCH TRANSITION (DITTI1.TCH)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA | AL-524 (FAA) | 26246

ILS or LOC RWY 32

RENO/STEAD (RTS)

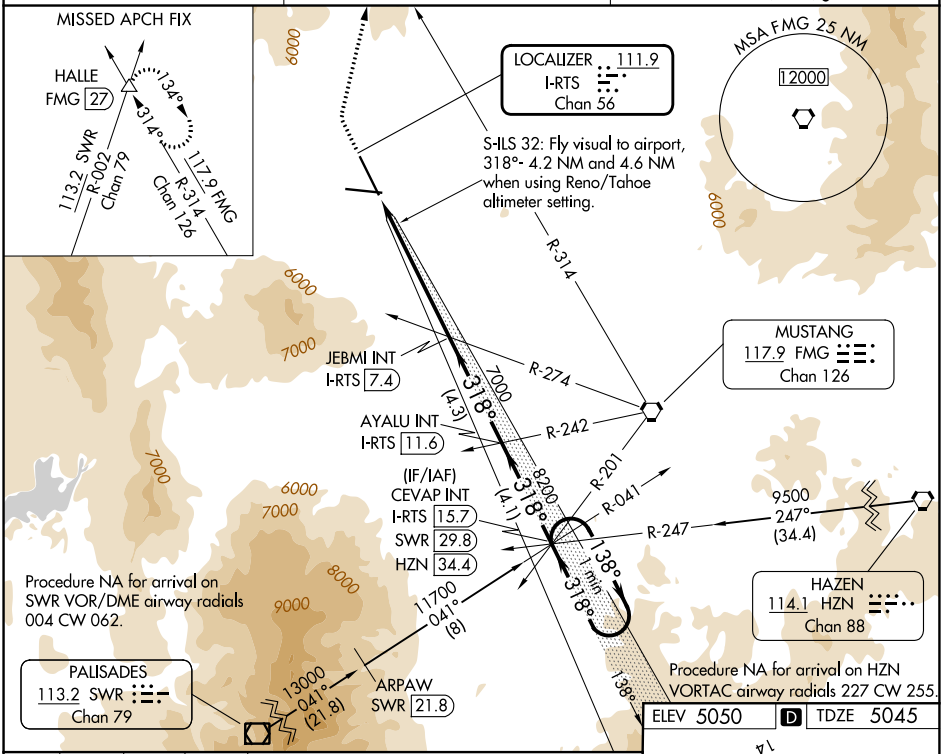
LOC/DME I-RTS	APP CRS	Rwy Ldg	7800
111.9	318°	TDZE	5045
Chan 56		Apt Elev	5050

T NA -15°C — Inoperative table does not apply. Procedure NA at night. When local altimeter setting not received, use Reno/Tahoe Intl altimeter setting and increase all DA/MDA 120 feet. VDP NA when using Reno/Tahoe Intl altimeter setting. Circling NA for Cat D southwest of Rwy 14-32.

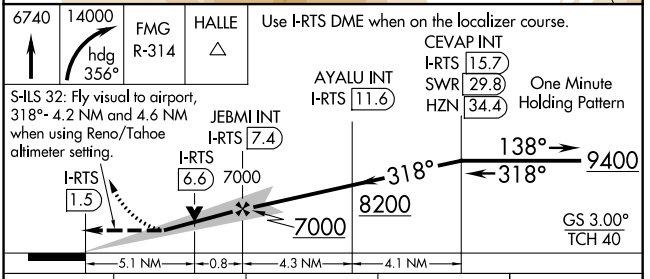
MALSR

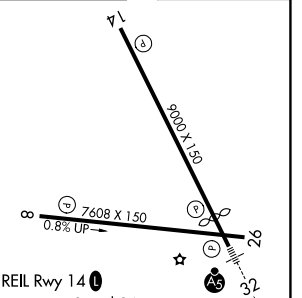
MISSED APPROACH: Climb to 6740 then climbing right turn to 14000 on heading 356° and FMG VORTAC R-314 to HALLE INT/FMG 27 DME and hold, continue climb-in-hold to 14000.

AWOS-3	NORCAL APP CON	UNICOM
135.175	126.3 353.9	122.7 (CTAF) L



ELEV 5050 D TDZE 5045





FAF to MAP 5.9 NM

Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58

CATEGORY	A	B	C	D
S-ILS 32	6425-3 1380 (1400-3)			
S-LOC 32	6720-1¼ 1675 (1700-1¼)	6720-1½ 1675 (1700-1½)	6720-3 1675 (1700-3)	
CIRCLING	6720-1¼ 1670 (1700-1¼)	6720-1½ 1670 (1700-1½)	6720-3 1670 (1700-3)	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 32

RENO/STEAD (RTS)

WAAS	APP CRS	Rwy Ldg	7800
CH 60920	318°	TDZE	5045
W32A		Apt Elev	5050

When VGSI inoperative, Circling Rwy 8 NA at night. DME/DME RNP- 0.3 NA. When local altimeter setting not received, use Reno/Tahoe Intl altimeter setting and increase all DA 115 feet and all MDA 120 feet. Inoperative table does not apply. Circling NA for Cat D southwest of Rwy 14-32.

T NA -15°C

MALSR

MISSED APPROACH: Climb to 14000 direct WIPOM and on track 333° to HALLE and hold, continue climb-in-hold to 14000.

AWOS-3	NORCAL APP CON	UNICOM
135.175	126.3 353.9	122.7 (CTAF) L

MISSED APCH FIX

HALLE 134° 314° 8 NM

333° (12.9) WIPOM

RW32

MSA RW32 25 NM 12000

(FAF) JEBMI 5668

7000 318° (4.3)

AYALU 8200 318° (4.1)

(IF/IAF) CEVAP 138° 318° 7 NM

9500 248° (34.4) HAZEN HZN

13000 041° (29.8) PALISADES SWR

Procedure NA for arrival on HZN VORTAC airway radials 227 CW 255.

Procedure NA for arrival on SWR VOR/DME airway radials 004 CW 062.

ELEV 5050 D TDZE 5045

14 9000 X 150 7608 X 150 0.8% UP 26 32 318°

REIL Rwy 14 L
REIL Rwys 8 and 26
HIRL Rwy 8-26
HIRL Rwy 14-32 L

14000	WIPOM	tr 333°	HALLE

JEBMI 7000 AYALU 8200 CEVAP 7 NM Holding Pattern 138° 318° 9400 318°

RW32 7000 GP 3.00° TCH 40

5.9 NM 4.3 NM 4.1 NM

CATEGORY	A	B	C	D
LPV DA	6533-6 1488 (1500-6)			
LNAV MDA	6840-1¼ 1795 (1800-1¼)	6840-1½ 1795 (1800-1½)	6840-3 1795 (1800-3)	
CIRCLING	6840-1¼ 1790 (1800-1¼)	6840-1½ 1790 (1800-1½)	6840-3 1790 (1800-3)	

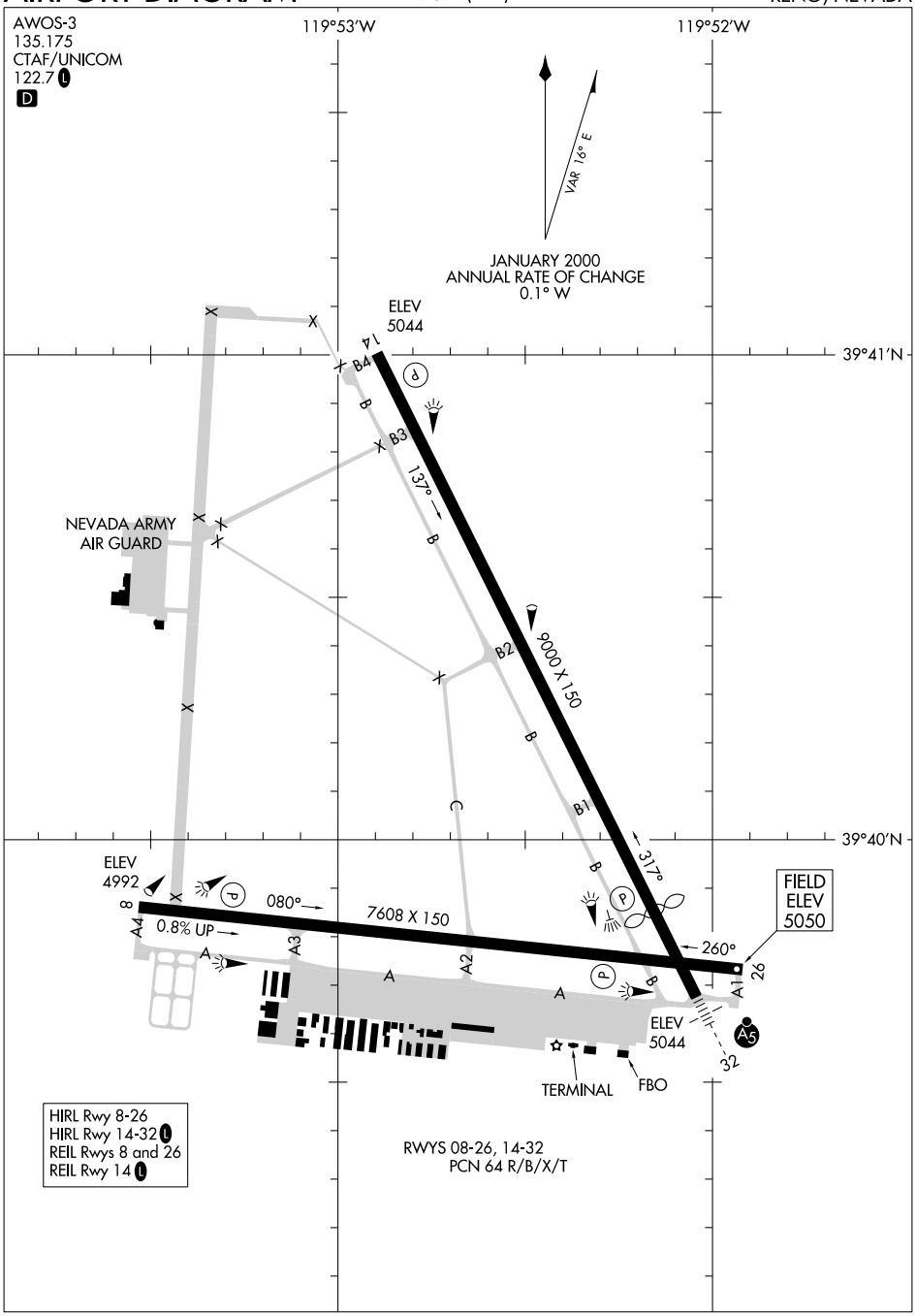
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134

AIRPORT DIAGRAM

AL-524 (FAA)

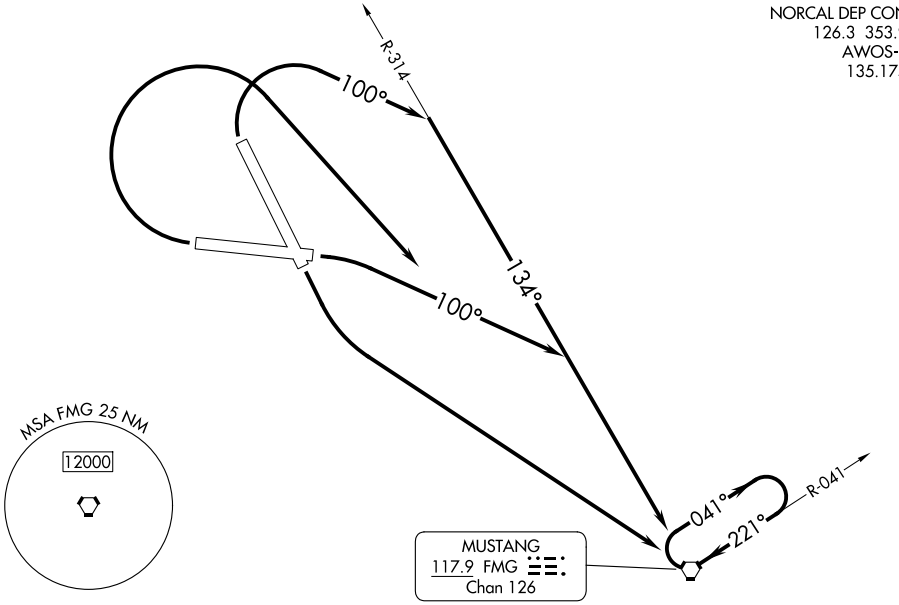
RENO/STEAD (RTS)
RENO, NEVADA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26134
RENO, NEVADA
RENO/STEAD (RTS)



TAKEOFF MINIMUMS

Rwy 8: Standard with minimum climb of 390′/NM to 6800 or 4400-3 for VCOA.
Rwy 14: Standard with minimum climb of 360′/NM to 6400 or 4400-3 for VCOA.
Rwy 26: Standard with minimum climb of 570′/NM to 8900 or 4400-3 for VCOA.
Rwy 32: Standard with minimum climb of 520′/NM to 8100 or 4400-3 for VCOA.

TAKEOFF OBSTACLE NOTES

Rwy 8: Vegetation beginning 138′ from DER, 358′ left of centerline, up to 5058′ MSL.
Rwy 26: Vegetation 4′ from DER, 360′ right of centerline, 4997′ MSL.
Pole 1079′ from DER, 623′ left of centerline, 5032′ MSL.
Terrain beginning 2.4 NM from DER, 733′ left of centerline, up to 5756′ MSL.
Rwy 32: Vertical structure 56′ from DER, 229′ left of centerline, 5054′ MSL.
Vegetation 2.3 NM from DER, 2232′ left of centerline, 5806′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climbing right turn to heading 100° to intercept FMG R-314 to FMG VORTAC, thence. . . .
TAKEOFF RUNWAY 14: Climbing left turn direct FMG VORTAC, thence. . . .
TAKEOFF RUNWAY 26: Climbing right turn direct FMG VORTAC, thence. . . .
TAKEOFF RUNWAY 32: Climbing right turn to heading 100° to intercept FMG VORTAC R-314 to FMG VORTAC, thence. . . .

. . . .continue climb in FMG VORTAC holding pattern to cross FMG VORTAC at or above MEA for route of flight.

VCOA RUNWAYS 8,14, 26, 32: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Reno/Stead airport at or above 9300 before proceeding on course.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA | AL-346 (FAA) | 26246

ILS or LOC RWY 35L

RENO/TAHOE INTL (RNO)

LOC/DME I-AGY	APP CRS	Rwy Ldg	10011
109.9	347°	TDZE	4410
Chan 36		Apt Elev	4415

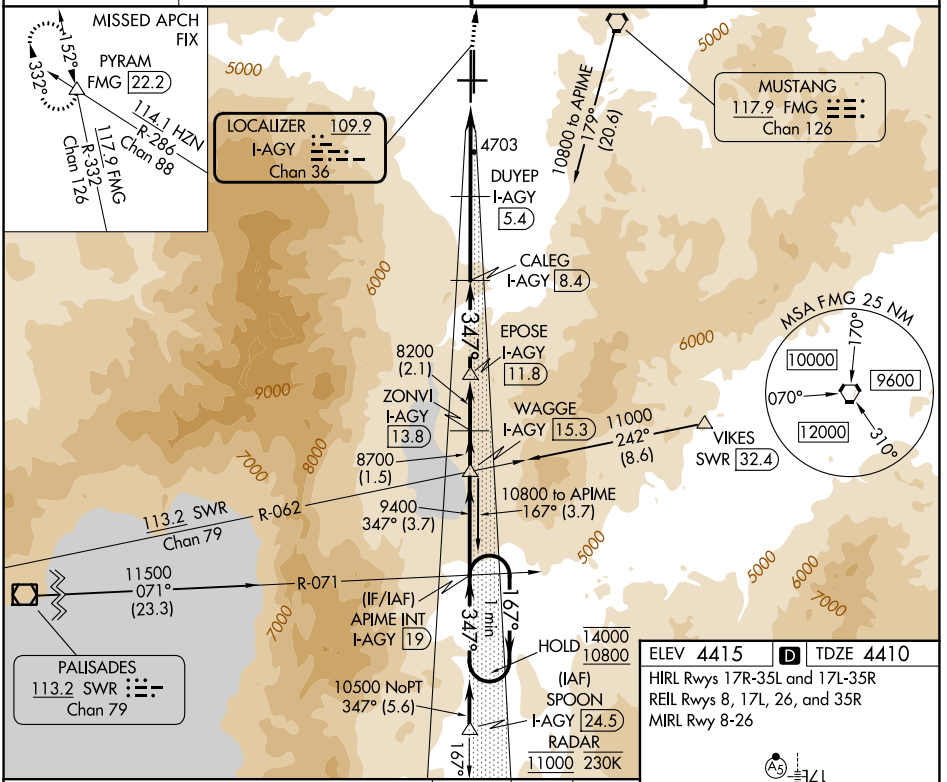
DME required.

Circling Rwy 8 NA at night.
For inop ALS, increase S-ILS 35L Cats A, B, C visibility to 1⅞ SM.
-13°C

MALSR

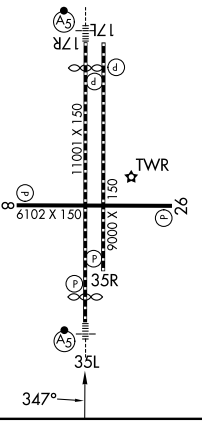
MISSED APPROACH: Climb to 11000 on heading 350° and on FMG VORTAC R-332 to PYRAM INT/FMG 22.2 DME and hold, continue climb-in-hold to 11000.

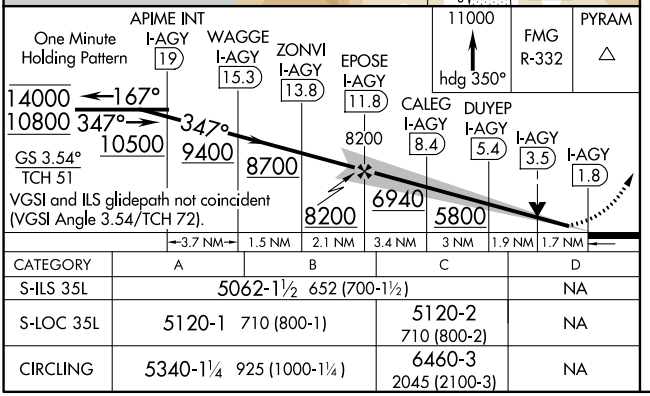
D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6



ELEV 4415 | D | TDZE 4410

HIRL Rwys 17R-35L and 17L-35R
REIL Rwys 8, 17L, 26, and 35R
MIRL Rwy 8-26





CATEGORY	A	B	C	D
S-ILS 35L	5062-1½ 652 (700-1½)			NA
S-LOC 35L	5120-1 710 (800-1)		5120-2 710 (800-2)	NA
CIRCLING	5340-1¼ 925 (1000-1¼)		6460-3 2045 (2100-3)	NA

RENO, NEVADA
Amdt 2 19MAR26

39°30'N-119°46'W

RENO/TAHOE INTL (RNO)

ILS or LOC RWY 35L

SW-4, 03 SEP 2026 to 29 OCT 2026

ILS X or LOC X RWY 17R

RENO/TAHOE INTL (RNO)

LOC/DME I-RNO	APP CRS	Rwy Ldg	10001
110.9	167°	TDZE	4415
Chan 46		Apt Elev	4415

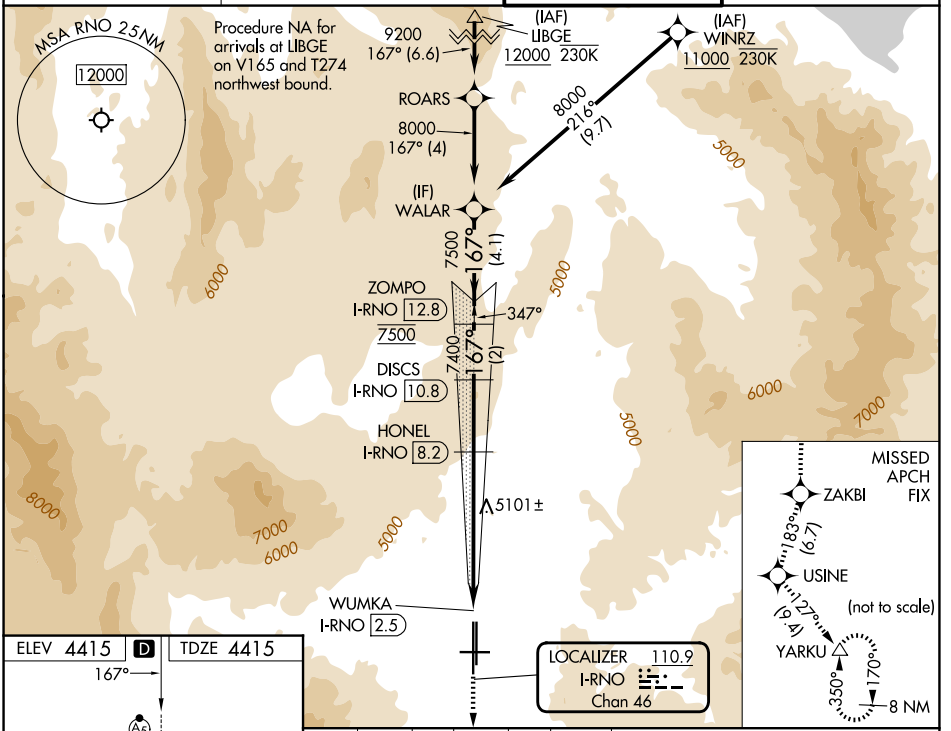
DME required. RNP APCH - GPS.

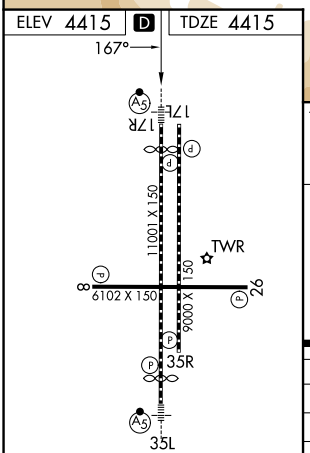
Circling Rwy 8 NA at night.
*RVR 1800 authorized with use of FD or AP or HUD to DA.
-13°C #For inop ALS, increase S-ILS 17R all Cats visibility to 2 SM.

MALSR

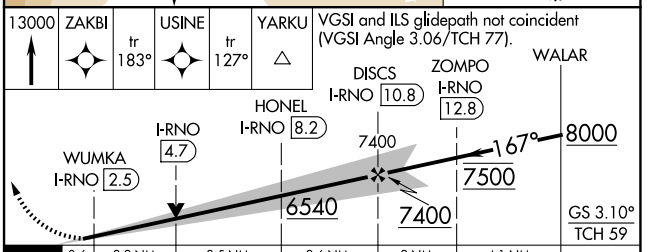
MISSED APPROACH: Climb to 13000 on the RNAV missed approach route to YARKU and hold, continue climb-in-hold to 13000.
*Missed approach requires minimum climb of 390 feet per NM to 8000.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6





MIRL Rwy 8-26
REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R



CATEGORY	A	B	C	D
S-ILS 17R*	4615/24 200 (200-½)			
S-ILS 17R#	5138-1⅝ 723 (800-1⅝)			
S-LOC 17R	5420/40 1005 (1100-¾)	5420/55 1005 (1100-1)	5420-2½ 1005 (1100-2½)	
CIRCLING	5420-1¼ 1005 (1100-1¼)	5420-1½ 1005 (1100-1½)	6480-3 2065 (2100-3)	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA AL-346 (FAA) 25331

ILS Z or LOC Z RWY 17R

RENO/TAHOE INTL (RNO)

LOC/DME I-RNO	APP CRS	Rwy Ldg 10001
110.9	167°	TDZE 4415
Chan 46		Apt Elev 4415

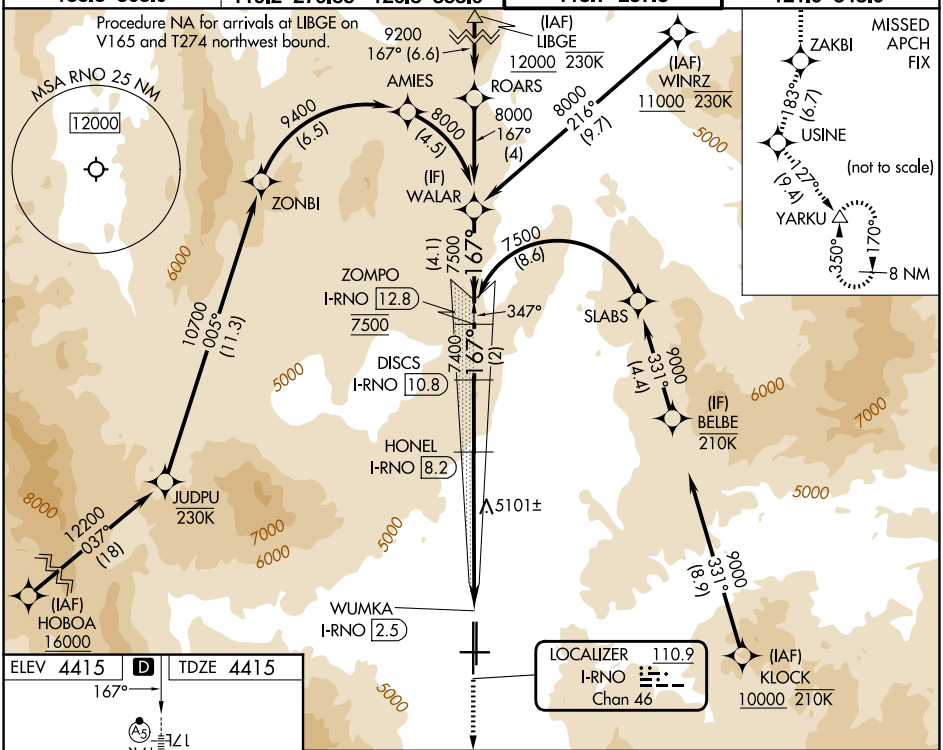
DME required. RNP APCH - GPS. From HOBOA or KLOCK: RF

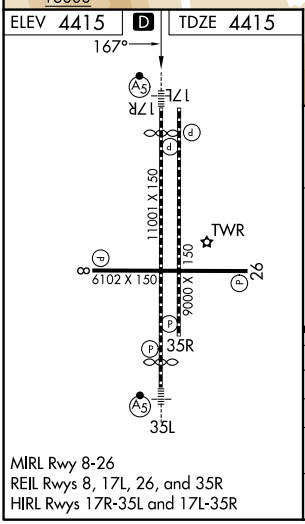
Circling Rwy 8 NA at night.
#For inop ALS, increase S-ILS 17R all Cats visibility to 2 SM.
*RVR 1800 authorized with use of FD or AP or HUD to DA.
-13°C

MALSR

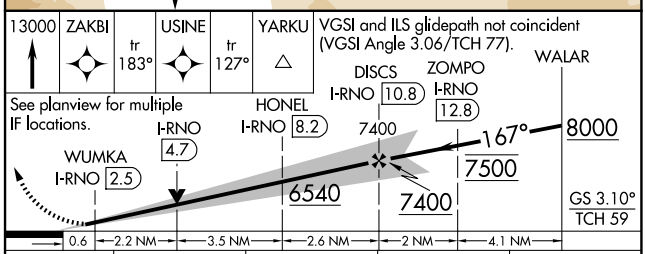
MISSED APPROACH: Climb to 13000 on the RNAV missed approach route to YARKU and hold, continue climb-in-hold to 13000.
*Missed approach requires minimum climb of 390 feet per NM to 8000.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6





MIRL Rwy 8-26
REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R



CATEGORY	A	B	C	D
S-ILS 17R*	4615/24 200 (200-½)			
S-ILS 17R#	5138-1⅝ 723 (800-1⅝)			
S-LOC 17R	5420/40 1005 (1100-¾)	5420/55 1005 (1100-1)	5420-2½ 1005 (1100-2½)	
CIRCLING	5420-1¼ 1005 (1100-1¼)	5420-1½ 1005 (1100-1½)	6480-3 2065 (2100-3)	

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA
Amdt 1A 15JUN23

39°30'N-119°46'W

RENO/TAHOE INTL (RNO)
ILS Z or LOC Z RWY 17R

ILS Y RWY 17R

RENO/TAHOE INTL (RNO)

LOC/DME I-RNO	APP CRS	Rwy Ldg	10001
110.9	167°	TDZE	4415
Chan 46		Apt Elev	4415

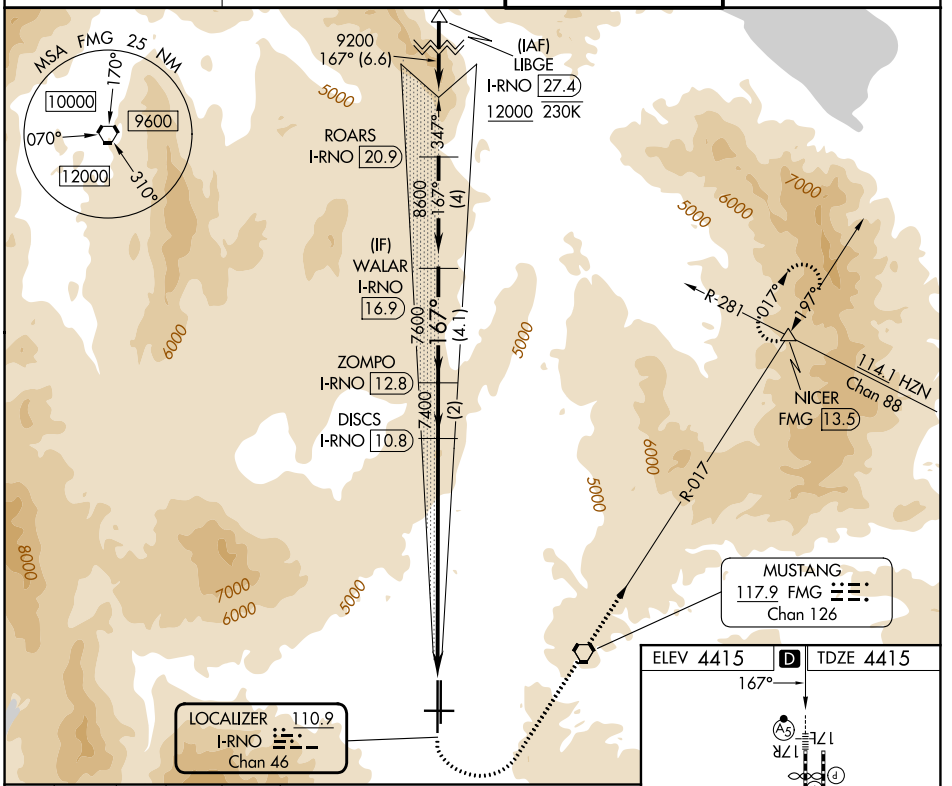
DME required.

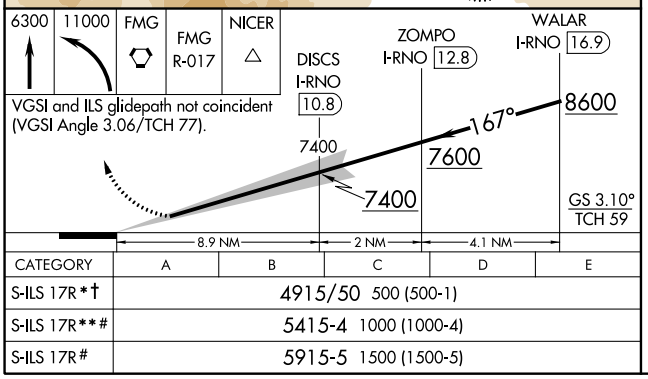
T A -13°C # Inop table does not apply. † For inop ALS, increase S-ILS 17R visibility to 1⅜ SM.

MALSR

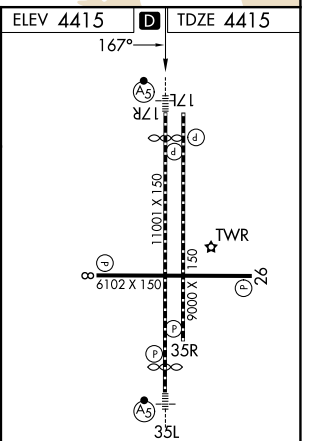
MISSED APPROACH: Climb to 6300 then climbing left turn to 11000 direct FMG VORTAC and on FMG VORTAC R-017 to NICER INT/FMG 13.5 DME and hold, continue climb-in-hold to 11000.
*Missed approach requires minimum climb of 350 feet per NM to 8000.
**Missed approach requires minimum climb of 275 feet per NM to 8000.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6





CATEGORY	A	B	C	D	E
S-ILS 17R*†	4915/50 500 (500-1)				
S-ILS 17R**#	5415-4 1000 (1000-4)				
S-ILS 17R#	5915-5 1500 (1500-5)				



MIRL Rwy 8-26
REIL Rwys 8, 17L, 26 and 35R
HIRL Rwys 17R-35L and 17L-35R

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA AL-346 (FAA) 25331

RNAV (RNP) W RWY 35L

RENO/TAHOE INTL (RNO)

APP CRS	Rwy Ldg	10011
347°	TDZE	4410
	Apt Elev	4415

RNP AR APCH - GPS.

For uncompensated Baro-VNAV systems, procedure NA below -9°C or above 35°C . -13°C

MALSR

MISSED APPROACH: Climb to 11000 on track 347° to TAKLE and hold, continue climb-in-hold to 11000. *Missed approach requires minimum climb of 300 feet per NM to 7140.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6

MISSED APCH FIX

7 NM 167° 347° TAKLE

(12.6) 347° RW35L

(IF) MUSTANG FMG (RNP 0.30) 10000

8900 167° (6.3)

347° (4.5)

VCITY 210K

7900 (2)

7800 (1.1)

7700 (0.5)

WSHOE

RSNAK

(1.6) 7300

DONER

(3.1)

LDYBG

(FAF) GRZLI

MSA RW35L 25 NM 12000

5000 6000 7000 8000

FMG VORTAC 10000

167° 8900 VCITY 7900 WSHOE 7800 RSNAK 7700 DONER 7300 GRZLI 7300 LDYBG 6155 RW35L 347°

GP 3.50° TCH 72

6.3 NM 2 NM 1.1 NM 0.5 NM 1.6 NM 3.1 NM 4.5 NM

11000 tr 347° TAKLE

CATEGORY	A	B	C	D
RNP 0.10 DA*	4736-½ 326 (400-½)			
RNP 0.30 DA	5349-2 939 (1000-2)			

AUTHORIZATION REQUIRED

ELEV 4415 D TDZE 4410

HIRL Rwys 17R-35L and 17L-35R

REIL Rwys 8, 17L, 26, and 35R

MIRL Rwy 8-26

17L 17R 11001 X 150 TWR 8 6102 X 150 9000 X 150 26 35R 35L 347°

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA

Orig 03NOV22

RENO/TAHOE INTL (RNO)

39°30'N-119°46'W

RNAV (RNP) W RWY 35L

RNAV (RNP) W RWY 35R

RENO/TAHOE INTL (RNO)

APP CRS	Rwy Ldg	9000
347°	TDZE	4408
	Apt Elev	4415

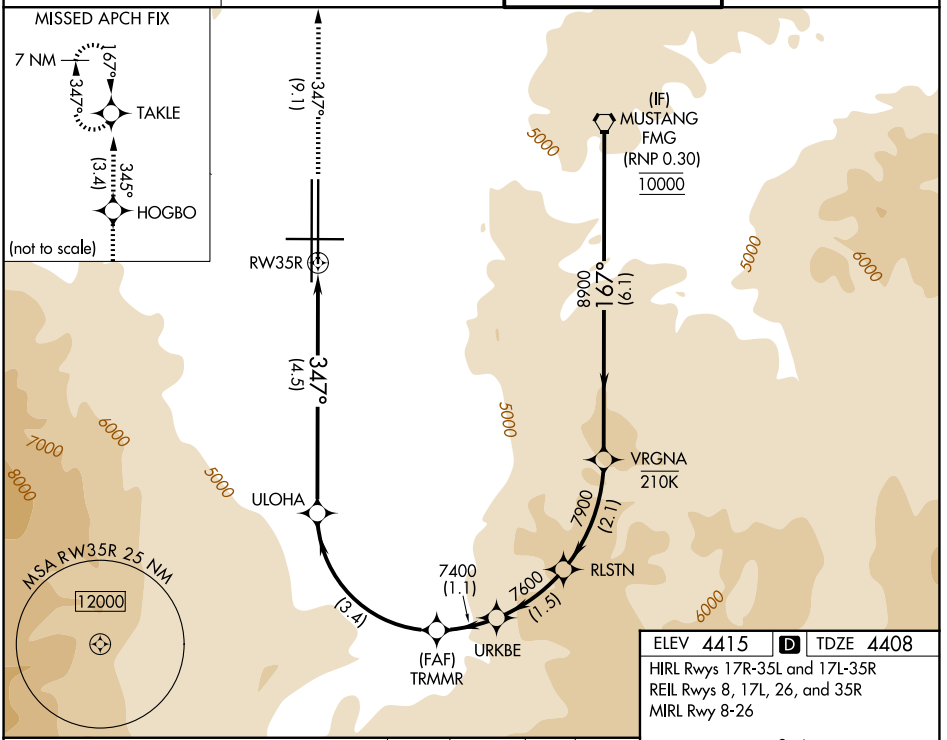
RNP AR APCH - GPS.

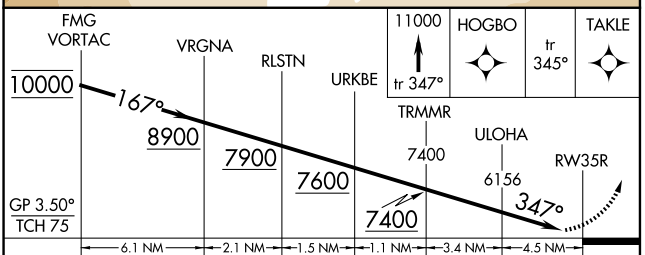
For uncompensated Baro-VNAV systems, procedure NA below -9°C or above 34°C .

-13°C

MISSED APPROACH: Climb to 11000 on track 347° to HOGBO and on track 345° to TAKLE and hold, continue climb-in-hold to 11000.
*Missed approach requires minimum climb of 301 feet per NM to 7150.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6



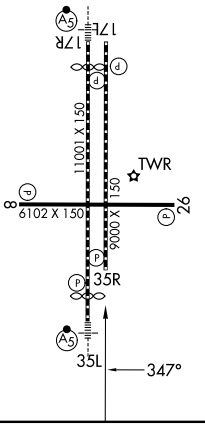


CATEGORY	A	B	C	D
RNP 0.11 DA*	4762-1 354 (400-1)			
RNP 0.30 DA	5349-2½ 941 (1000-2½)			

AUTHORIZATION REQUIRED

ELEV 4415 D TDZE 4408

HIRL Rwys 17R-35L and 17L-35R
REIL Rwys 8, 17L, 26, and 35R
MIRL Rwy 8-26



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA | AL-346 (FAA) | 26078

RNAV (RNP) Y RWY 17L

RENO/TAHOE INTL (RNO)

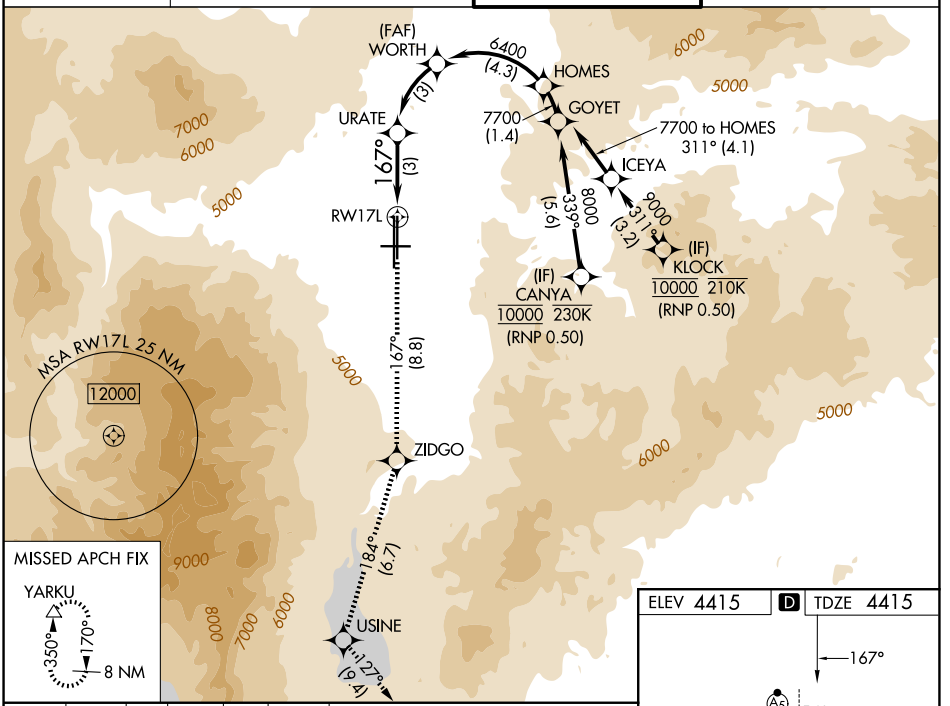
APP CRS	Rwy Ldg	9000
167°	TDZE	4415
	Apt Elev	4415

RNP AR APCH - GPS, RF. Authorization required.
From HOMES: Min RNP 0.50.

T -13°C — For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 54°C.

MISSED APPROACH: Climb to 13000 on track 167° to ZIDGO and on track 184° to USINE and on track 127° to YARKU and hold, continue climb-in-hold to 13000.
* Missed approach requires minimum climb of 266 feet per NM to 7200.
# Missed approach requires minimum climb of 212 feet per NM to 7160.

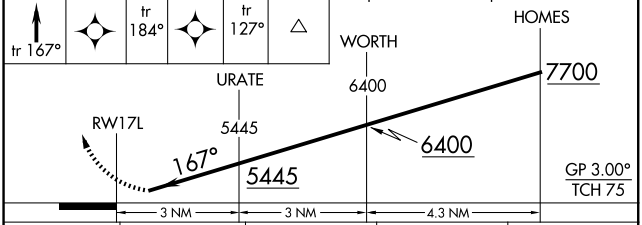
D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6



MISSED APCH FIX

13000 tr 167°	ZIDGO	tr 184°	USINE	tr 127°	YARKU

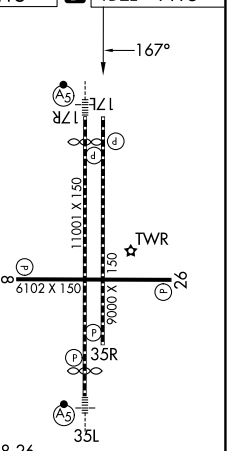
See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.12 DA*		4754-1	339 (400-1)	
RNP 0.17 DA#		5019-1¾	604 (700-1¾)	
RNP 0.30 DA		5115-2	700 (700-2)	

AUTHORIZATION REQUIRED

ELEV 4415 | D | TDZE 4415



MIRL Rwy 8-26
REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (RNP) Y RWY 17R

RENO/TAHOE INTL (RNO)

APP CRS	Rwy Ldg	10001
167°	TDZE	4415
	Apt Elev	4415

RNP AR APCH - GPS, RF, min RNP 0.50. Authorization required.

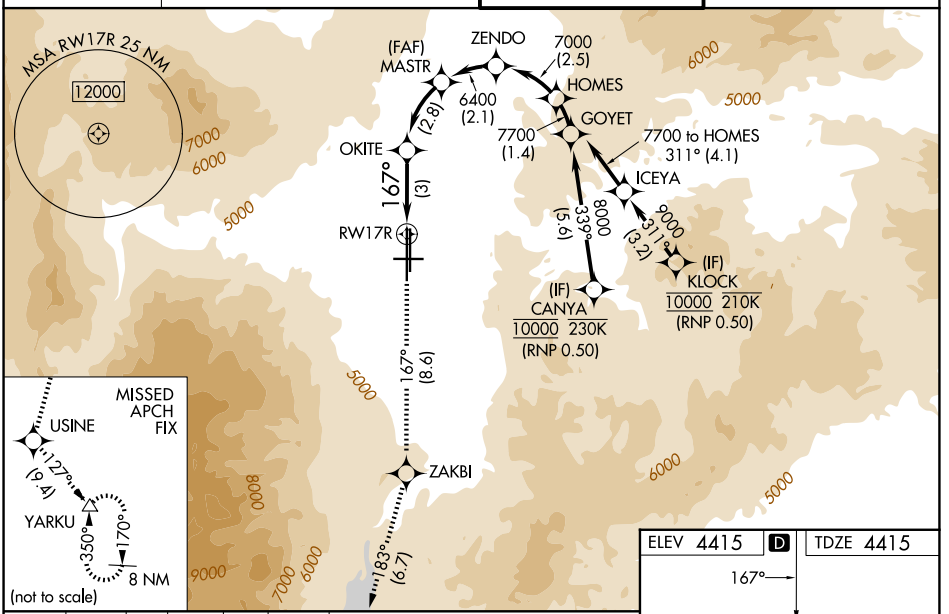
For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 54°C. For inop ALS, increase RNP 0.1 DA all Cats visibility to RVR 5500, increase RNP 0.2 DA all Cats visibility to 1⅝ SM, increase RNP 0.3 DA all Cats visibility to 1⅞ SM.

MALSR

MISSED APPROACH: Climb to 13000 on track 167° to ZAKBI and on track 183° to USINE and on track 127° to YARKU and hold, continue climb-in-hold to 13000.

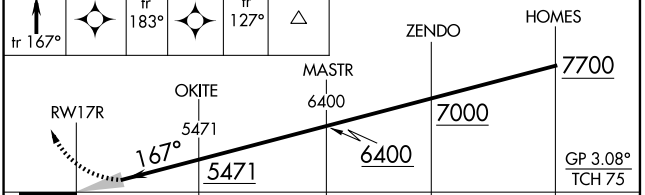
* Missed approach requires minimum climb of 223 feet per NM to 7200.
# Missed approach requires minimum climb of 267 feet per NM to 7200.
† Missed approach requires minimum climb of 209 feet per NM to 7200.
** Missed approach requires minimum climb of 260 feet per NM to 7200.

D-ATIS	NORCAL APP CON		RENO TOWER	GND CON
135.8 363.0	119.2 279.55	126.3 353.9	118.7 257.8	121.9 348.6



13000	ZAKBI	tr 183°	USINE	tr 127°	YARKU
tr 167°					

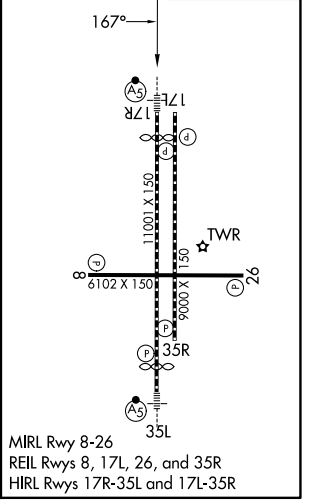
See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.10 DA#		4761/30	346 (400-⅝)	
RNP 0.19 DA**		4811/35	396 (400-⅝)	
RNP 0.20 DA*		4994-1¼	579 (600-1¼)	
RNP 0.30 DA†		5094-1½	679 (700-1½)	

AUTHORIZATION REQUIRED

ELEV 4415 D TDZE 4415



MIRL Rwy 8-26
REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA | AL-346 (FAA) | 26078

RNAV (RNP) Z RWY 17L

RENO/TAHOE INTL (RNO)

APP CRS	Rwy Ldg	9000
167°	TDZE	4415
	Apt Elev	4415

RNP AR APCH - GPS. Authorization required. From TLLAK, OQIKO: RF. From AVVYY, ROWWS: min RNP 0.50. From WINRZ, DIDBE: min RNP 0.80.

For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 54°C.

-13°C

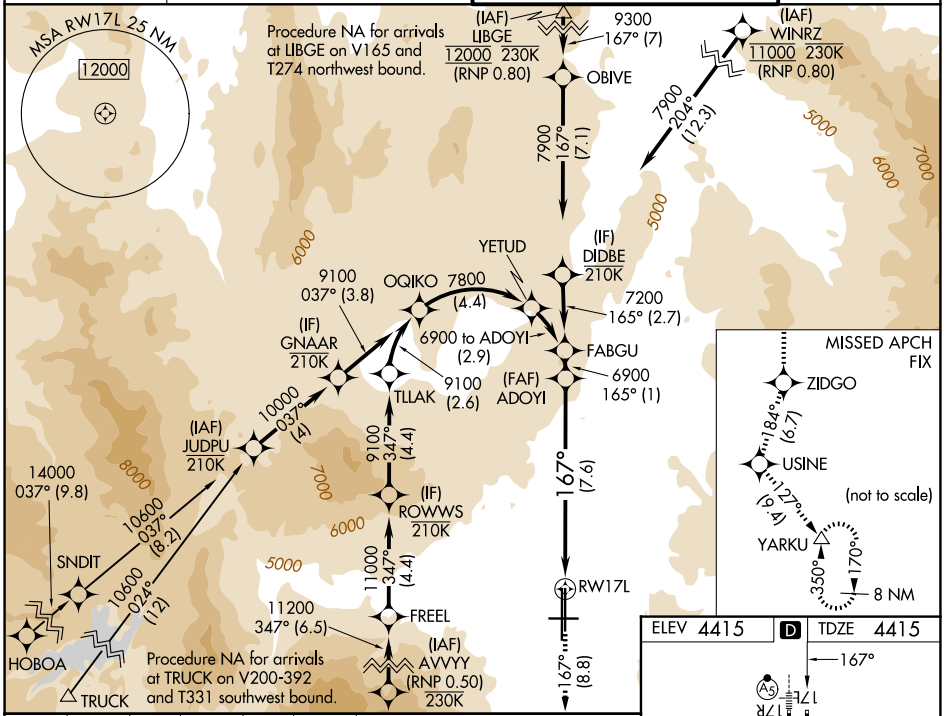
MISSED APPROACH: Climb to 13000 on track 167° to ZIDGO and on track 184° to USINE and on track 127° to YARKU and hold, continue climb-in-hold to 13000.

* Missed approach requires minimum climb of 266 feet per NM to 7200.

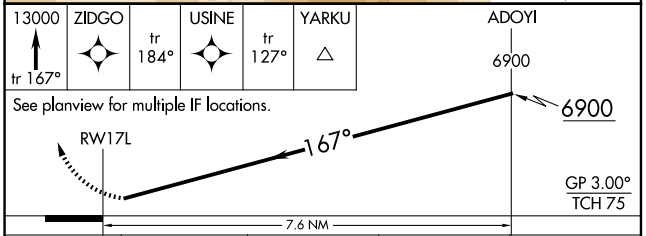
\# Missed approach requires minimum climb of 256 feet per NM to 7180.

† Missed approach requires minimum climb of 212 feet per NM to 7140.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6

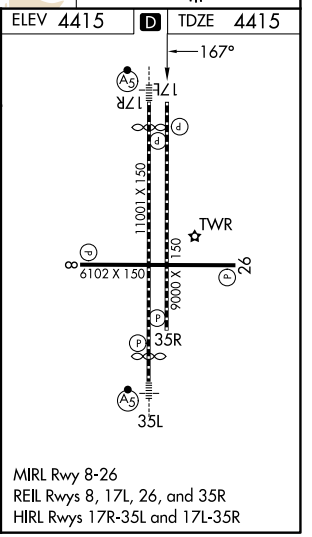


13000	ZIDGO	tr 184°	USINE	tr 127°	YARKU
tr 167°					



CATEGORY	A	B	C	D
RNP 0.10 DA *		4742-1	327 (400-1)	
RNP 0.12 DA #		4792-1	377 (400-1)	
RNP 0.15 DA †		5016-1¾	601 (700-1¾)	
RNP 0.30 DA		5115-2	700 (700-2)	

AUTHORIZATION REQUIRED



MIRL Rwy 8-26
REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R

RENO, NEVADA
Amdt 3 19MAR26

39°30'N-119°46'W

RENO/TAHOE INTL (RNO)

RNAV (RNP) Z RWY 17L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (RNP) Z RWY 17R

RENO/TAHOE INTL (RNO)

APP CRS	Rwy Ldg	10001
167°	TDZE	4415
	Apt Elev	4415

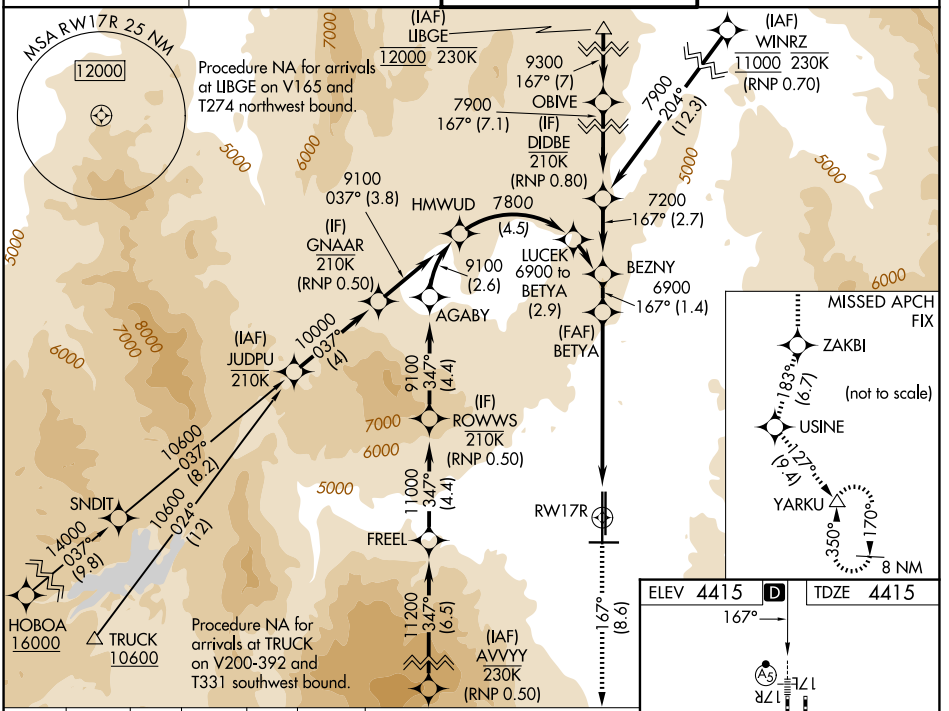
RNP AR APCH - GPS. Authorization required. AGABY, HMWUD, LUCEK: RF. From AVVYY: min RNP 0.50, from WINRZ: min RNP 0.70, from ROWWS: min RNP 0.50, from DIDBE: min RNP 0.80, from GNAAR min RNP 0.50.

T -13°C — For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 54°C. For inop ALS, increase RNP 0.30 DA visibility all Cats to 1⅞ SM.

MALSR

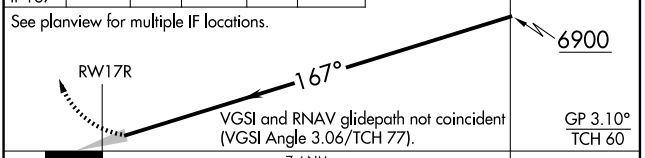
MISSED APPROACH: Climb to 13000 on track 167° to ZAKBI and on track 183° to USINE and on track 127° to YARKU and hold, continue climb-in-hold to 13000. *Missed approach requires minimum climb of 267 feet per NM to 7200. # Missed approach requires minimum climb of 259 feet per NM to 7200.

D-ATIS	NORCL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6



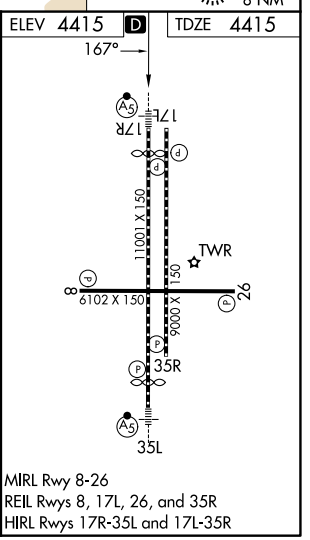
13000	ZAKBI	tr 183°	USINE	tr 127°	YARKU
tr 167°					

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.10 DA*		4755/26	340 (400-½)	
RNP 0.17 DA#		4805/35	390 (400-⅝)	
RNP 0.30 DA		5095-1½	680 (700-1½)	

AUTHORIZATION REQUIRED



MIRL Rwy 8-26
REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA | AL-346 (FAA) | 26078

RNAV (RNP) Z RWY 35L

RENO/TAHOE INTL (RNO)

APP CRS	Rwy Ldg	10011
347°	TDZE	4410
	Apt Elev	4415

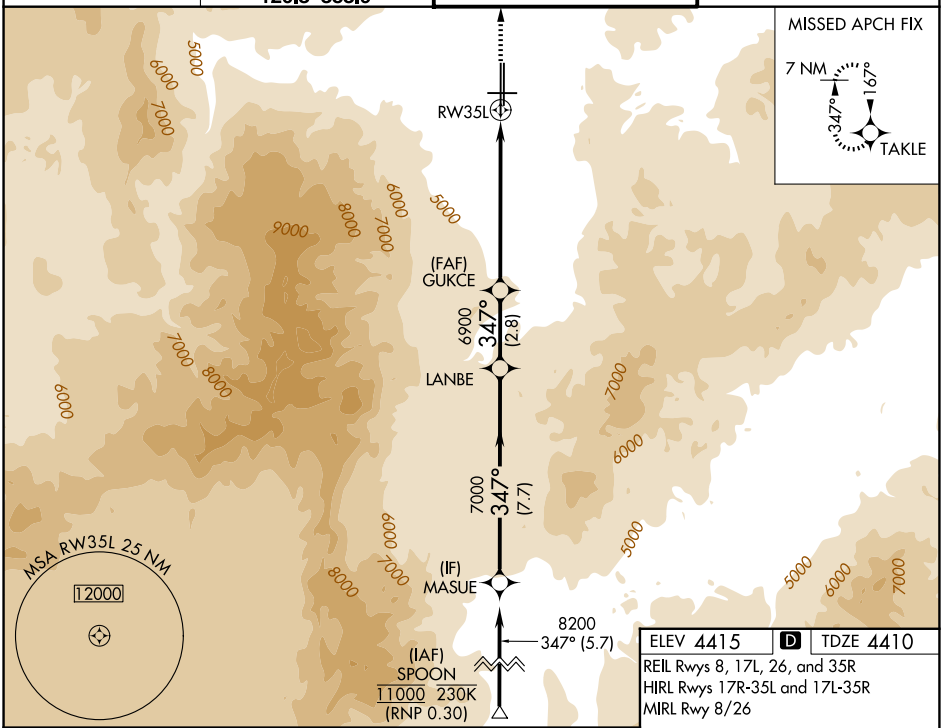
RNP AR APCH - GPS, min RNP 0.30. Authorization required.

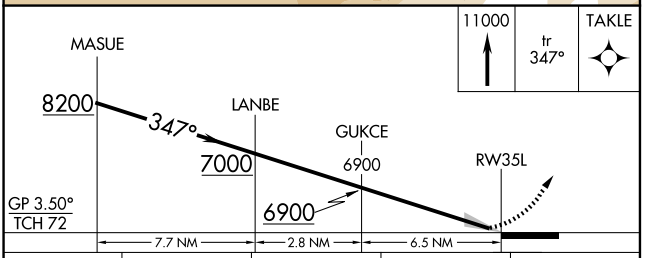
T A -13° C — For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 35°C.

MALSR

MISSED APPROACH: Climb to 11000 on track 347° to TAKLE and hold, continue climb-in-hold to 11000. #Missed approach requires minimum climb of 216 feet per NM to 7200. *Missed approach requires minimum climb of 301 feet per NM to 7200.

D-ATIS	NORCL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6

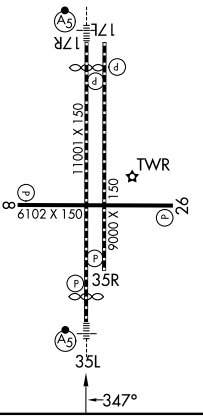




11000	tr 347°	TAKLE

ELEV 4415 | D | TDZE 4410

REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R
MIRL Rwy 8/26



CATEGORY	A	B	C	D
RNP 0.10 DA*		4753-5/8	343 (400-5/8)	
RNP 0.20 DA#		5193-1 3/4	783 (800-1 3/4)	
RNP 0.30 DA		5353-2	943 (1000-2)	

AUTHORIZATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (RNP) Z RWY 35R

RENO/TAHOE INTL (RNO)

APP CRS	Rwy Ldg	9000
347°	TDZE	4408
	Apt Elev	4415

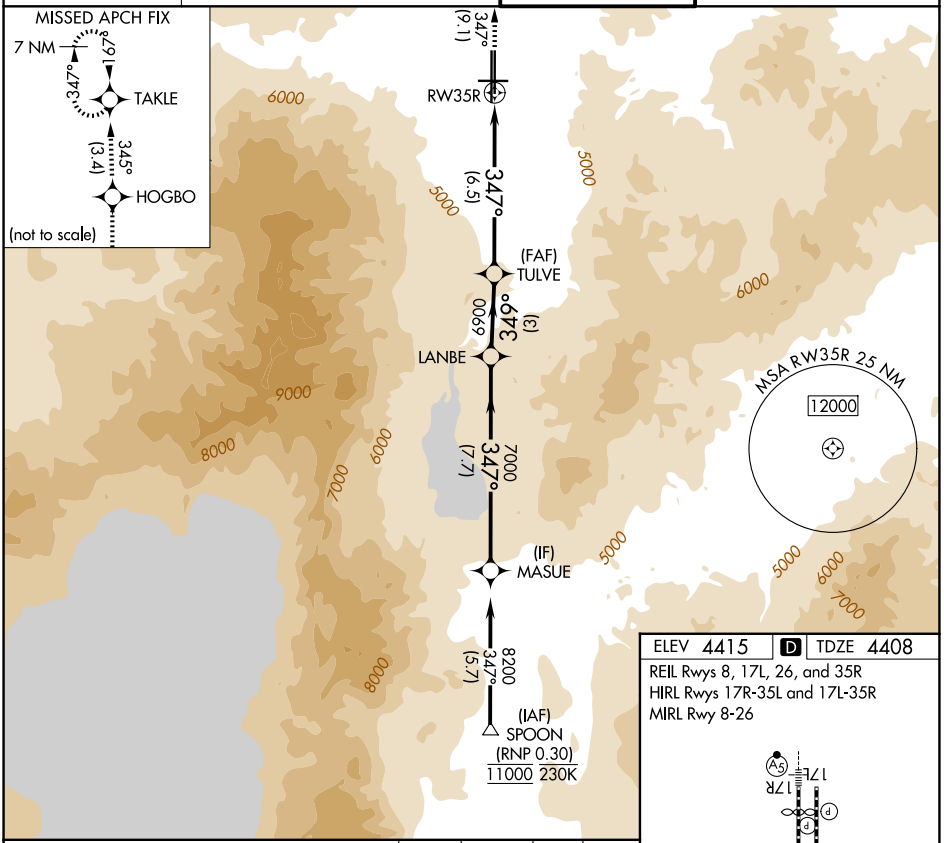
RNP AR APCH-GPS, min RNP 0.30. Authorization required.

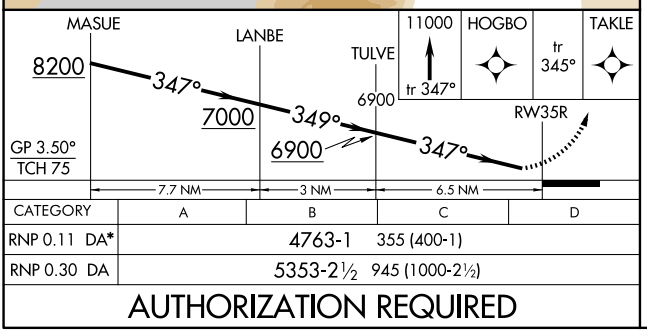
For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 34°C.

-13°C

MISSED APPROACH: Climb to 11000 on track 347° to HOGBO and on track 345° to TAKLE and hold, continue climb-in-hold to 11000.
*Missed approach requires minimum climb of 306 feet per NM to 7200.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6



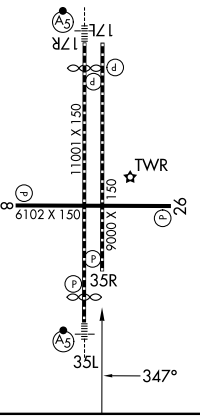


CATEGORY	A	B	C	D
RNP 0.11 DA*	4763-1	355 (400-1)		
RNP 0.30 DA	5353-2½	945 (1000-2½)		

AUTHORIZATION REQUIRED

ELEV 4415 | D | TDZE 4408

REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R
MIRL Rwy 8-26



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA | AL-346 (FAA) | 25331

RNAV (GPS) X RWY 17L

RENO/TAHOE INTL (RNO)

WAAS	APP CRS	Rwy Ldg	9000
CH 72909	167°	TDZE	4415
W17A		Apt Elev	4415

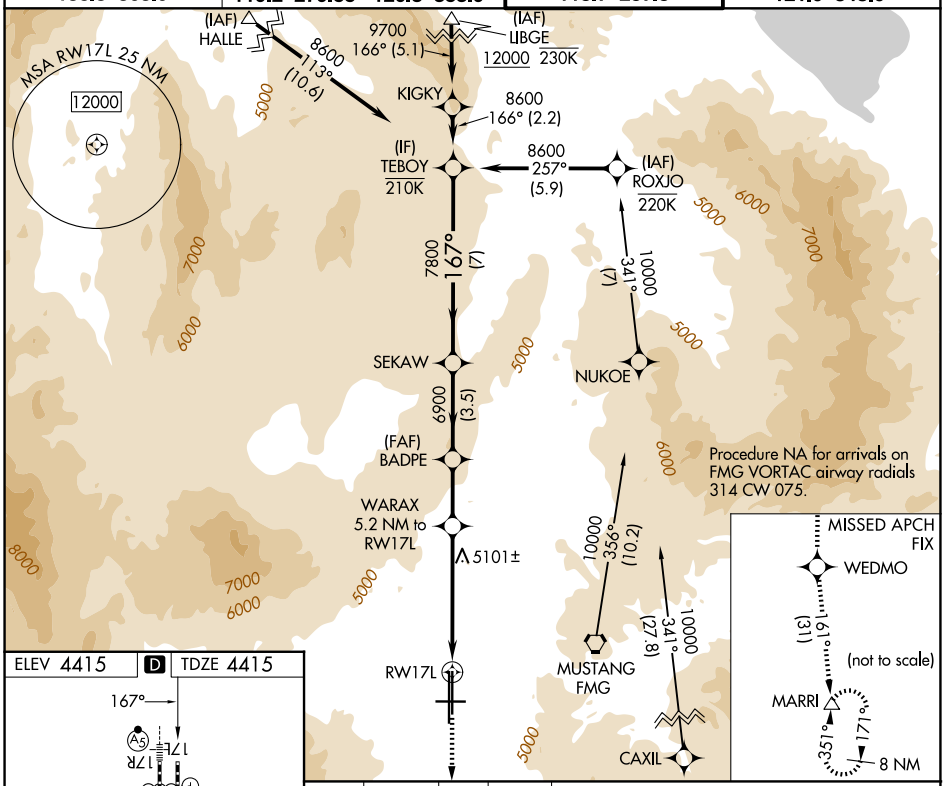
RNP APCH - GPS.

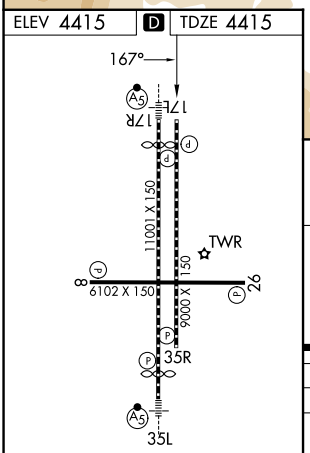
Circling Rwy 8 NA at night. Rwy 17L helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -9°C or above 54°C.

-13°C

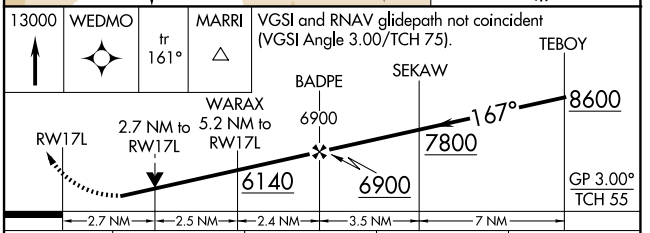
MISSED APPROACH: Climb to 13000 direct WEDMO and on track 161° to MARRI and hold.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6





MIRL Rwy 8-26
REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R



CATEGORY	A	B	C	D
LPV DA	5109-2 694 (700-2)			
LNAV/VNAV DA	5094-1⅞ 679 (700-1⅞)			
LNAV MDA	5360-1¼ 945 (1000-1¼)		5360-2½ 945 (1000-2½)	
CIRCLING	5360-1¼ 945 (1000-1¼)	5360-1½ 945 (1000-1½)	6460-3 2045 (2100-3)	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) X RWY 17R

RENO/TAHOE INTL (RNO)

WAAS	APP CRS	Rwy Ldg	10001
CH 78309	167°	TDZE	4415
W17B		Apt Elev	4415

RNP APCH - GPS.

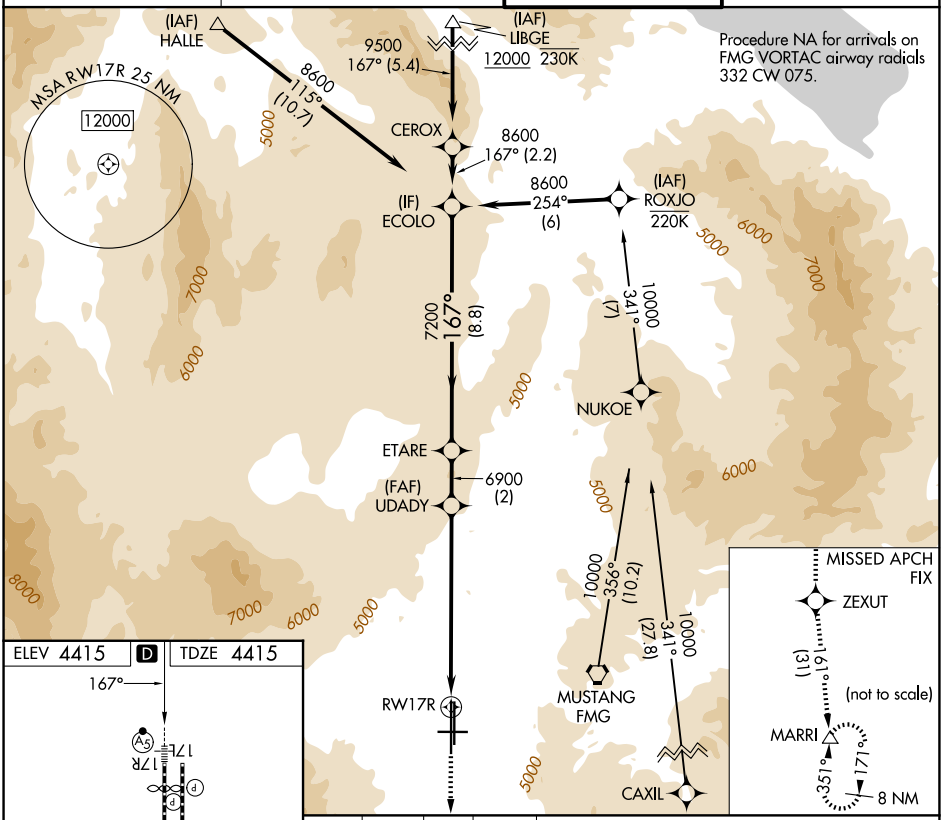
For inop ALS, increase LPV all Cats visibility to 2½ SM. Inop table does not apply to LNAV all Cats.

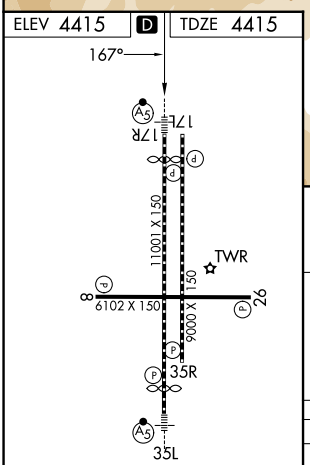
-13°C

MALSR

MISSED APPROACH: Climb to 13000 direct ZEXUT and on track 161° to MARRI and hold.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6

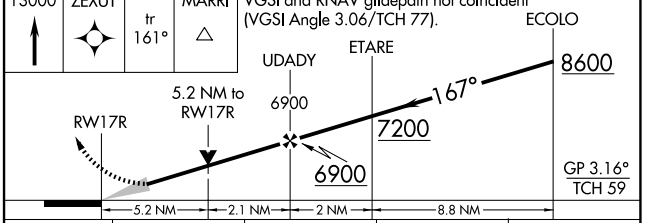




MIRL Rwy 8-26
REIL Rwys 8, 17L, 26, and 35R
HIRL Rwys 17R-35L and 17L-35R

13000	ZEXUT	tr 161°	MARRI

VGSI and RNAV glidepath not coincident (VGSI Angle 3.06/TCH 77).



CATEGORY	A	B	C	D
LPV DA	5239-1⅞ 824 (900-1⅞)			
LNAV MDA	6200/40 1785 (1800-¾)	6200/55 1785 (1800-1)	6200-3 1785 (1800-3)	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA | AL-346 (FAA) | 26078

RNAV (GPS) X RWY 35L

RENO/TAHOE INTL (RNO)

APP CRS	Rwy Ldg	10011
347°	TDZE	4410
	Apt Elev	4415

RNP APCH - GPS.

T A -13°C

Circling to Rwy 8 NA at night. Baro-VNAV NA. Inop table does not apply to LNAV Cats C and D and LNAV/VNAV all Cats.

MALSR

MISSED APPROACH: Climb to 11000 direct TAKLE and hold, continue climb-in-hold to 11000.

D-ATIS	NORCL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6

MISSED APCH FIX

7 NM 347° 167° TAKLE

MSA RW35L 25 NM 12000

RW35L

FEBAK 6.3 NM to RW35L

(FAF) KARME 8100 347° (2.5)

ZEXUT 8600 347° (5.8)

(IF) JUKNU

9900 257° (7)

(IAF) NIPME 230K

VIKES 11000 179° (6.8)

9900 from PIDIC 347° (4.2)

9900 from SPOON 347° (4.4)

(IAF) PIDIC 250K

11400 to PIDIC 047° (13.5)

(IAF) SPOON 11000 230K

9900 323° (9.8)

(IAF) RAMRE

RICHY

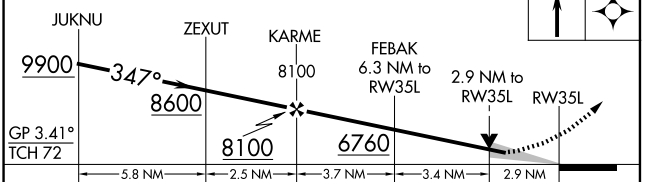
Procedure NA for arrivals at RICHY on V28-113 southwest bound.

Procedure NA for arrivals at RAMRE on V165 southbound.

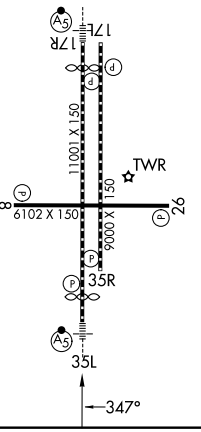
ELEV 4415 | D | TDZE 4410

HIRL Rwys 17R-35L and 17L-35R
REIL Rwys 8, 17L, 26, and 35R
MIRL Rwy 8-26

11000 | TAKLE



CATEGORY	A	B	C	D
LNAV/VNAV DA	5473-4 1063 (1100-4)			
LNAV MDA	5580-¾ 1170 (1200-¾)	5580-1 1170 (1200-1)	5580-3 1170 (1200-3)	
CIRCLING	5580-1¼ 1165 (1200-1¼)	5580-1½ 1165 (1200-1½)	6460-3 2045 (2100-3)	



RENO, NEVADA
Amdt 3 19MAR26

39°30'N-119°46'W

RENO/TAHOE INTL (RNO)

RNAV (GPS) X RWY 35L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) X RWY 35R

RENO/TAHOE INTL (RNO)

APP CRS	Rwy Ldg	9000
347°	TDZE	4408
	Apt Elev	4415

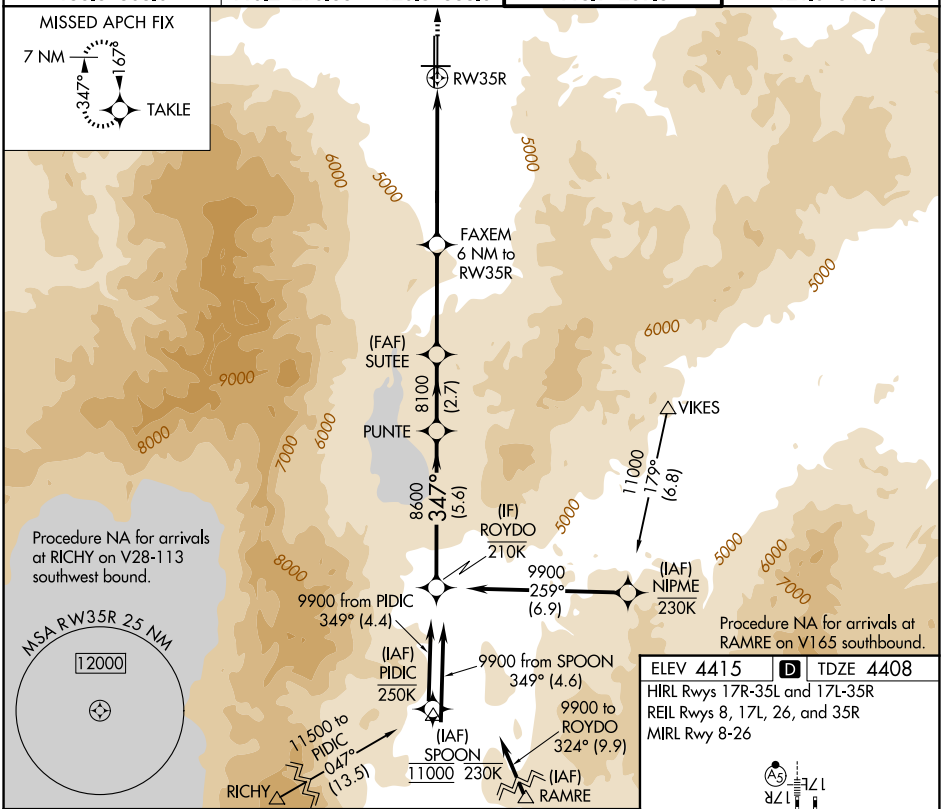
RNP APCH - GPS.

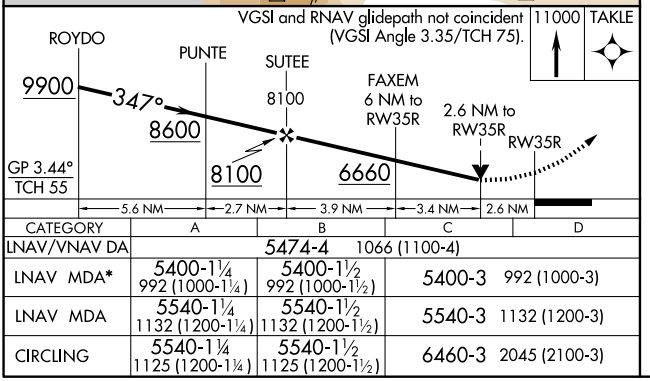
Baro-VNAV NA. Rwy 35R helicopter visibility reduction below ¾ SM NA. Circling Rwy 8 NA at night.

-13°C

MISSED APPROACH: Climb to 11000 direct TAKLE and hold, continue climb-in-hold to 11000.
*Missed approach requires minimum climb of 250 feet per NM to 5600.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6

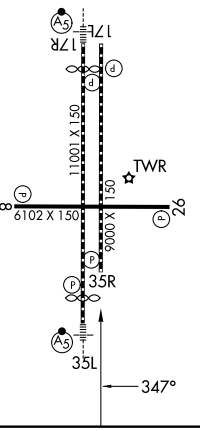




CATEGORY	A	B	C	D
LNAV/VNAV DA	5474-4	1066 (1100-4)		
LNAV MDA*	5400-1¼ 992 (1000-1¼)	5400-1½ 992 (1000-1½)	5400-3 992 (1000-3)	
LNAV MDA	5540-1¼ 1132 (1200-1¼)	5540-1½ 1132 (1200-1½)	5540-3 1132 (1200-3)	
CIRCLING	5540-1¼ 1125 (1200-1¼)	5540-1½ 1125 (1200-1½)	6460-3 2045 (2100-3)	

ELEV 4415 | D | TDZE 4408

HIRL Rwys 17R-35L and 17L-35R
REIL Rwys 8, 17L, 26, and 35R
MIRL Rwy 8-26



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA | AL-346 (FAA) | 26078

RNAV (GPS) Y RWY 35L

RENO/TAHOE INTL (RNO)

WAAS	APP CRS	Rwy Ldg	10011
CH 82609	347°	TDZE	4410
W35A		Apt Elev	4415

RNP APCH - GPS.
T
NA
-13°C

MALSR

MISSED APPROACH: Climb to 11000 direct TAKLE and hold, continue climb-in-hold to 11000.
*Missed approach requires minimum climb of 260 feet per NM to 6860.

D-ATIS	NORCL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6

MISSED APCH FIX
7 NM
347°
167°
TAKLE

MSA RW35L 25 NM
12000

RW35L

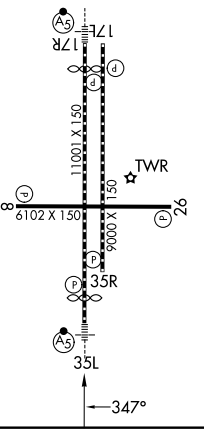
(FAF)
EPOSE
8200
(2.6)
ZEXUT
8600
347°
(5.8)
(IF)
JUKNU
9900
257°
(7)
(IAF)
NIPME
230K
VIKES
11000
179°
(6.8)

9900 from PIDIC
347° (4.2)
(IAF)
PIDIC
250K
9900 from SPOON
347° (4.4)
(IAF)
SPOON
11000 230K
9900 to JUKNU
323°
(9.8)
(IAF)
RAMRE

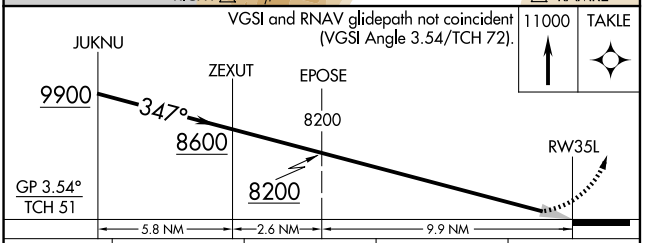
Procedure NA for arrivals at RAMRE on V165 southbound.

Procedure NA for arrivals at RICHY on V28-113 southwest bound.
11500
to PIDIC
047°
(13.5)
RICHY

ELEV 4415 | D | TDZE 4410
HIRL Rwys 17R-35L and 17L-35R
REIL Rwys 8, 17L, 26, and 35R
MIRL Rwy 8-26



VGSI and RNAV glidepath not coincident (VGSI Angle 3.54/TCH 72).



11000 TAKLE

CATEGORY	A	B	C	D
LPV DA*	4740-½	330 (400-½)		NA
LPV DA	5384-2½	974 (1000-2½)		NA

RENO, NEVADA
Amdt 2 19MAR26

39°30'N-119°46'W

RENO/TAHOE INTL (RNO)

RNAV (GPS) Y RWY 35L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) Y RWY 35R

RENO/TAHOE INTL (RNO)

WAAS	APP CRS	Rwy Ldg	9000
CH 40409	347°	TDZE	4408
W35B		Apt Elev	4415

RNP APCH - GPS.

NA

-13°C

Rwy 35R helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 11000 direct TAKLE and hold, continue climb-in-hold to 11000.

* Missed approach requires minimum climb of 250 feet per NM to 6100.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6

MISSED APCH FIX

7 NM 347° 167° TAKLE

RW35R 4466±

(FAF) SUTEE

8100 (2.7)

PUNTE

8600 347° (5.6)

(IF) ROYDO 210K

11000 179° (6.8)

VIKES

(IAF) NIPME 230K

9900 259° (6.9)

MSA RW35R 25 NM 12000

9900 from PIDIC 349° (4.4)

(IAF) PIDIC 250K

9900 from SPOON 349° (4.6)

(IAF) SPOON 11000 230K

11500 to PIDIC 047° (13.5)

RICHY

9900 to ROYDO 324° (9.9)

(IAF) RAMRE

Procedure NA for arrivals at RICHY on V28-113 southwest bound.

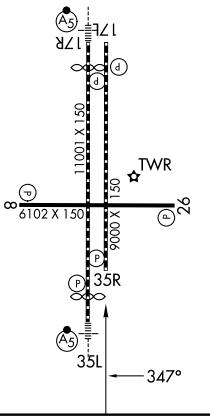
Procedure NA for arrivals at RAMRE on V165 southbound.

ELEV 4415 D TDZE 4408

HIRL Rwys 17R-35L and 17L-35R

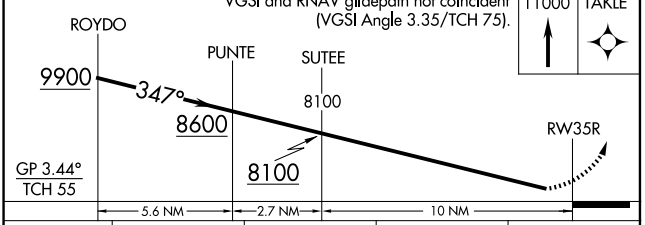
REIL Rwys 8, 17L, 26, and 35R

MIRL Rwy 8-26



VGSI and RNAV glidepath not coincident (VGSI Angle 3.35/TCH 75).

11000 TAKLE



CATEGORY	A	B	C	D
LPV DA*	4811-1⅛	403 (400-1⅛)		
LPV DA	5379-3	971 (1000-3)		

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RENO, NEVADA

LOC/DME I-RNO	APP CRS		17R	17L
110.9	167°	Rwy Ldg	10001	9000
Chan 46		TDZE	4415	4415
		Apt Elev	4415	4415

AL-346 (FAA)

26246

LOC Y RWY 17R

RENO/TAHOE INTL (RNO)

DME required.

Circling Rwy 8 NA at night. For inop ALS, increase S-LOC 17R* Cat E visibility to 3 SM. Circling NA for Cat E southwest of Rwys 8 and 35L.

-13°C

#Inop table does not apply to Cats C, D and E.

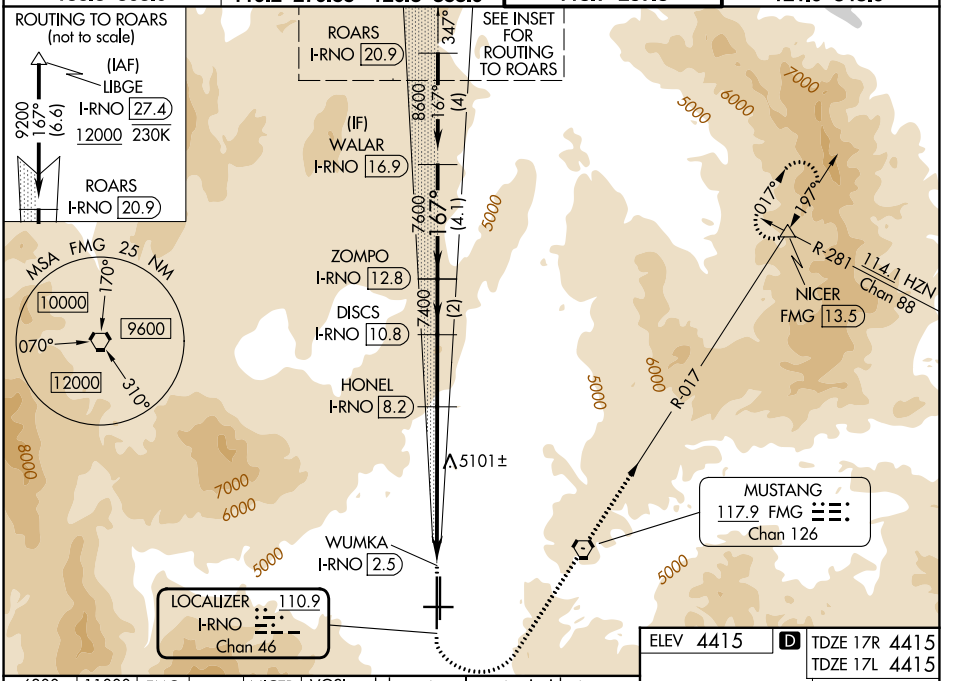
MALSR 17R

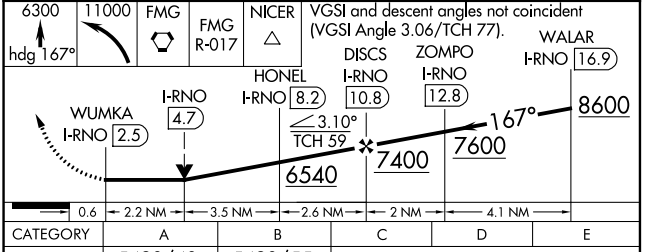
MISSED APPROACH: Climb to 6300 on heading 167° then climbing left turn 11000 direct FMG VORTAC and on FMG VORTAC R-017 to NICER INT and hold, continue climb-in-hold to 11000.

*Missed approach requires minimum climb of 320 feet per NM to 8000.

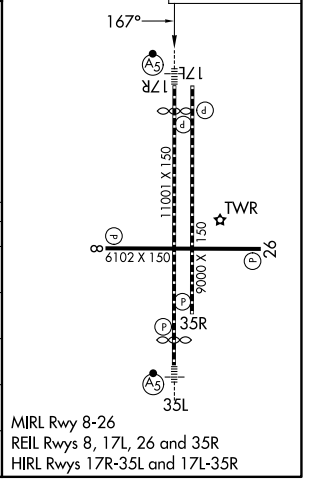
†Missed approach requires minimum climb of 260 feet per NM to 8000.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6





CATEGORY	A	B	C	D	E
S-LOC 17R*	5420/40 1005 (1100-¾)	5420/55 1005 (1100-1)	5420-2½ 1005 (1100-2½)		
SIDESTEP 17L*#	5420-1¼ 1005 (1100-1¼)	5420-1½ 1005 (1100-1½)	5420-3 1005 (1100-3)		
S-LOC 17R†#	5720/40 1305 (1400-¾)	5720/55 1305 (1400-1)	5720-3 1305 (1400-3)		
S-LOC 17R#	5920/40 1505 (1600-¾)	5920/55 1505 (1600-1)	5920-3 1505 (1600-3)		6180-3 1765 (1800-3)
CIRCLING	5920-1¼ 1505 (1600-1¼)	5920-1½ 1505 (1600-1½)	6480-3 2065 (2100-3)		6700-3 2285 (2300-3)



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VORTAC FMG 117.9 Chan 126	APP CRS 239°	Rwy Ldg N/A TDZE N/A Apt Elev 4415

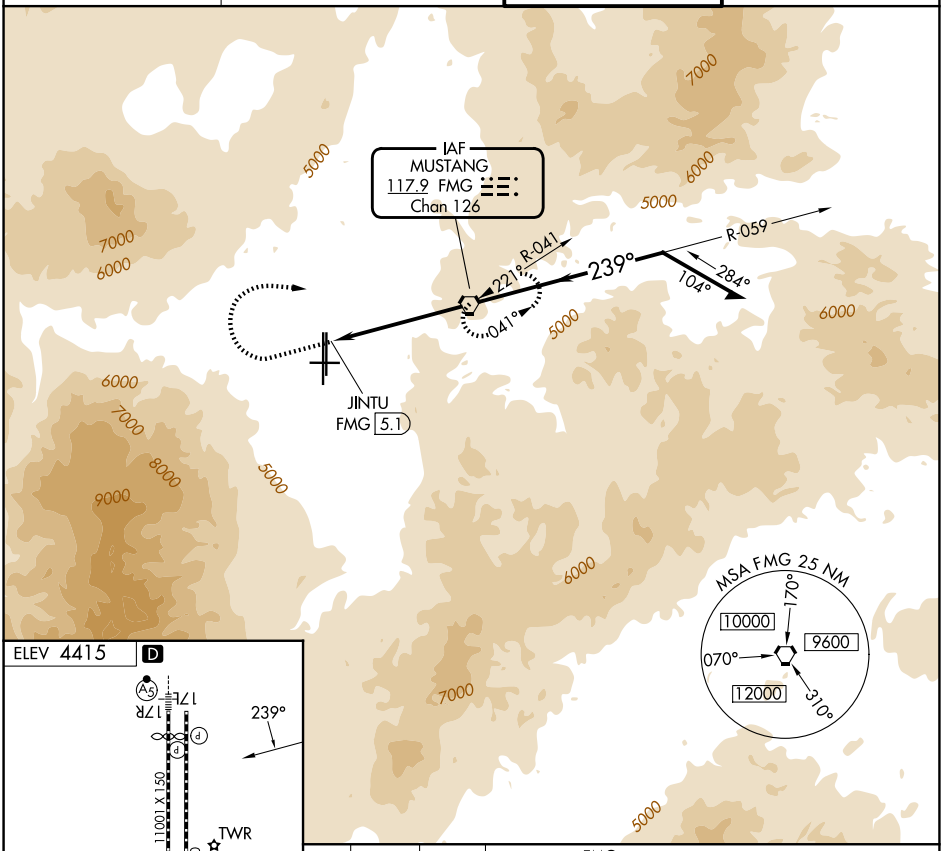
VOR-D

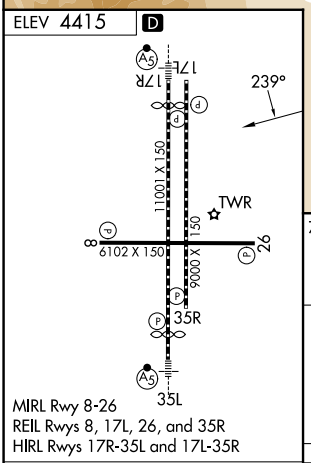
RENO/TAHOE INTL (RNO)

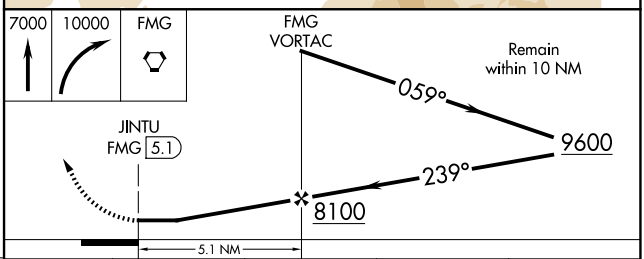
T A -13°C — Circling Rwy 8 NA at night.

MISSED APPROACH: Climb to 7000 then climbing right turn to 10000 direct FMG VORTAC and hold, continue climb-in-hold to 10000.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6







FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

CATEGORY	A	B	C	D
CIRCLING	6300-1¼ 1885 (1900-1¼)	6300-1½ 1885 (1900-1½)	6460-3	2045 (2100-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

TACAN-F

RENO/TAHOE INTL (RNO)

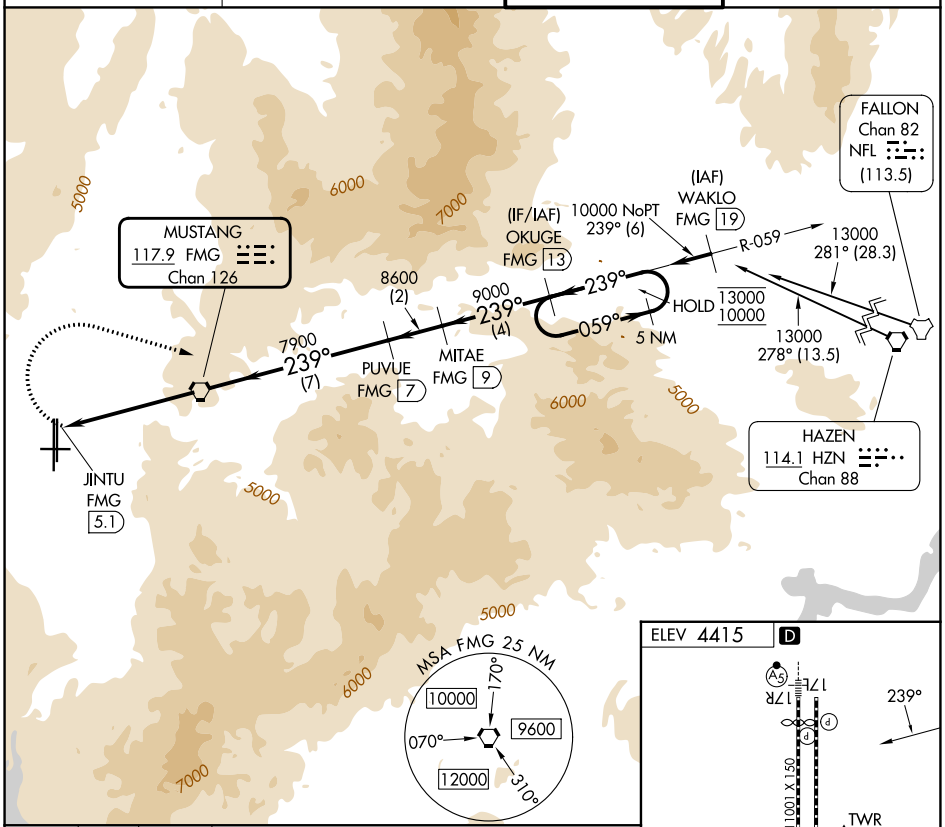
VORTAC FMG 117.9 Chan 126	APP CRS 239°	Rwy Ldg N/A TDZE N/A Apt Elev 4415

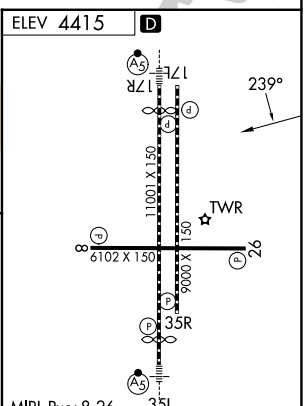
T A -13°C

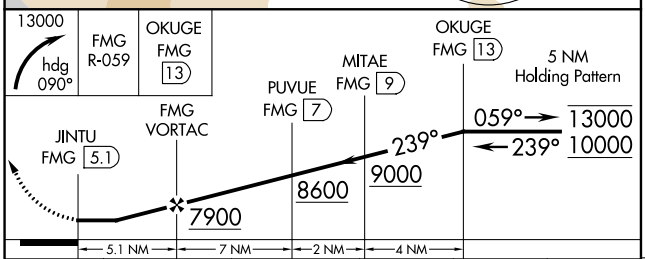
Circling NA for Cat E south of Rwy 8 and west of 35L. Circling Rwy 8 NA at night. Approaches RADAR monitored by NORCAL APP CON. Arrivals from east and aircraft on missed approach may be vectored to final. Circling NA for Cat E to Rwys 8 and 26.

MISSED APPROACH: Climbing right turn to 13000 on heading 090° and FMG R-059 to OKUGE/13 DME and hold, continue climb-in-hold to 13000.

D-ATIS	NORCAL APP CON	RENO TOWER	GND CON
135.8 363.0	119.2 279.55 126.3 353.9	118.7 257.8	121.9 348.6





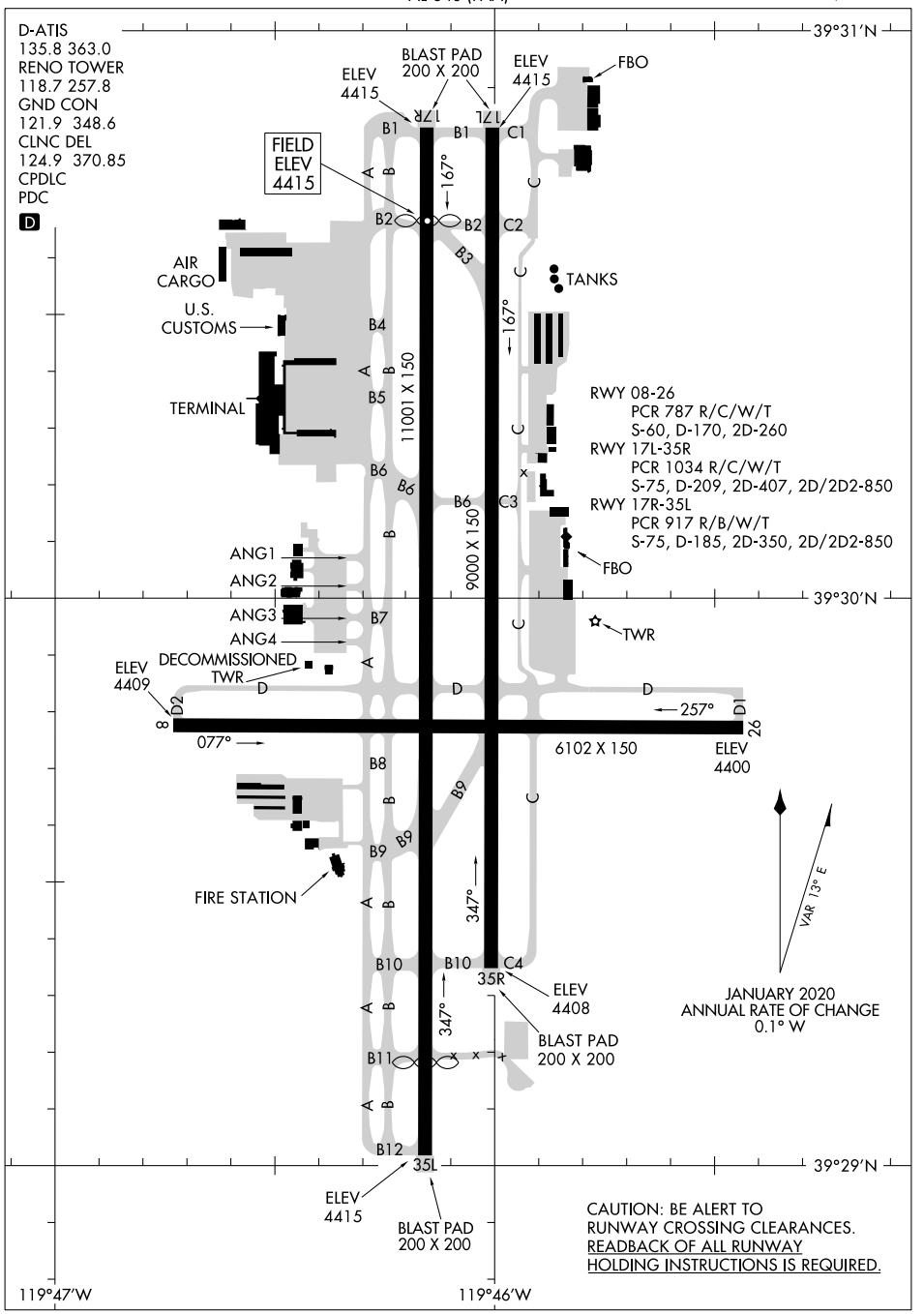


CATEGORY	A	B	C	D	E
CIRCLING	6220-1¼ 1805 (1900-1¼)	6220-1½ 1805 (1900-1½)	6460-3 2045 (2100-3)		

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026

(SPRKS1.FMG) 24081

SPARKS ONE DEPARTURE (OBSTACLE)

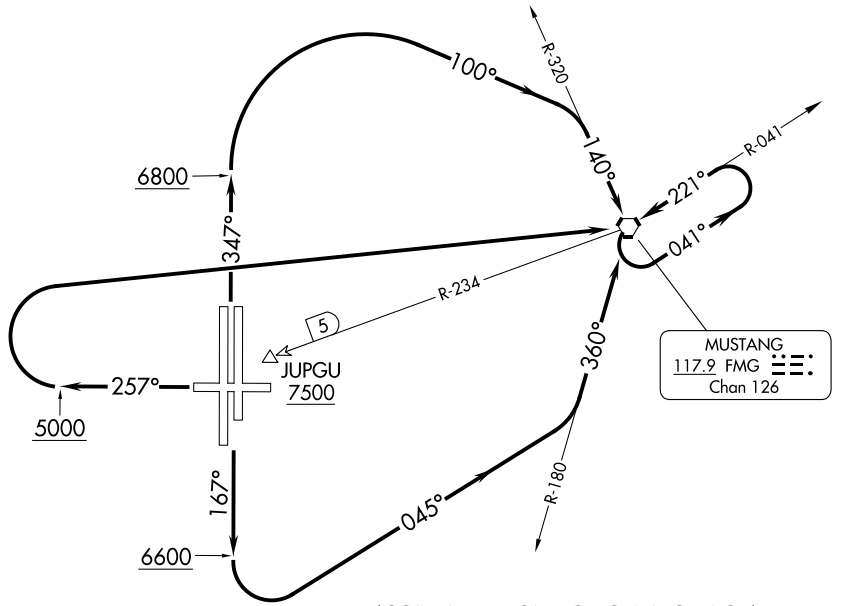
AL-346 (FAA)

RENO/TAHOE INTL (RNO)
RENO, NEVADA

NORCAL DEP CON
119.2 279.55 (17L/R)
126.3 353.9 (Rwys 26, 35L/R)

TAKEOFF MINIMUMS

Rwy 8: NA - Terrain.
Rwy 17L: 600-1⅜ with minimum climb of 415' per NM to 8700 or standard with minimum climb of 745' per NM to 7200, or 3200-3 for VCOA.
Rwy 17R: Standard with minimum climb of 420' per NM to 8700, or 3200-3 for VCOA.
Rwy 26: Standard with minimum climb of 485' per NM to 7900, or 3200-3 for VCOA.
Rwy 35L: Standard with minimum climb of 375' per NM to 8600, or 3200-3 for VCOA.
Rwy 35R: 400-1½ with a minimum climb of 270' per NM to 8600 or standard with a minimum climb of 420' per NM to 7400, or 3200-3 for VCOA.



NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 17L/R: Climb on heading 167° to 6600, then climbing left turn heading 045° to intercept FMG VORTAC R-180 to FMG VORTAC, continue climb in FMG VORTAC holding pattern to cross FMG VORTAC at or above MEA/MCA for route of flight.

TAKEOFF RUNWAY 26: Climb on heading 257° to 5000, then climbing right turn direct FMG VORTAC, continue climb in FMG VORTAC holding pattern to cross FMG VORTAC at or above MEA/MCA for route of flight.

TAKEOFF RUNWAYS 35L/R: Climb on heading 347° to 6800, then climbing right turn heading 100° to intercept FMG VORTAC R-320 to FMG VORTAC, continue climb in FMG VORTAC holding pattern to cross FMG VORTAC at or above MEA/MCA for route of flight.

VCOA ALL RUNWAYS: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross JUPGU (FMG R-234/5 DME) at or above 7500 on FMG R-234 to FMG VORTAC, then continue climb in FMG VORTAC holding pattern to cross FMG VORTAC at or above MEA/MCA for route of flight.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

TAKEOFF OBSTACLE NOTES

Rwy 17L: Building 78' from DER, 262' left of centerline, 8' AGL/4413' MSL.
Antenna 130' from DER, 379' right of centerline, 41' AGL/4444' MSL.
Tree 719' from DER, 555' left of centerline, 4434' MSL.
Tree 1055' from DER, 132' left of centerline, 4435' MSL.
Pole 1108' from DER, 487' left of centerline, 34' AGL/4445' MSL.
Pole, building beginning 1331' from DER, 458' left of centerline, up to 34' AGL/4446' MSL.
Pole 1428' from DER, 229' left of centerline, 36' AGL/4449' MSL.
Tree 1843' from DER, 132' left of centerline, 4456' MSL.
Tree 1879' from DER, 126' left of centerline, 4466' MSL.
Tower 2389' from DER, 975' left of centerline, 55' AGL/4469' MSL.
Tower 2747' from DER, 853' left of centerline, 66' AGL/4482' MSL.
Terrain 4845' from DER, 1693' left of centerline, 4546' MSL.
Terrain 5161' from DER, 1451' left of centerline, 4547' MSL.
Terrain beginning 5253' from DER, 1698' left of centerline, up to 4776' MSL.
Terrain 5470' from DER, 1838' left of centerline, 4846' MSL.
Terrain beginning 5524' from DER, 1371' left of centerline, up to 4919' MSL.
Terrain beginning 5702' from DER, 1691' left of centerline, up to 4926' MSL.
Terrain beginning 5874' from DER, 1768' left of centerline, up to 4953' MSL.
Terrain 1 NM from DER, 1981' left of centerline, 4837' MSL.

Rwy 17R: Lighting 10' from DER, 85' left of centerline, 1' AGL/4415' MSL.
Lighting 10' from DER, 85' right of centerline, 1' AGL/4415' MSL.
Tree 746' from DER, 379' left of centerline, 4435' MSL.
Trees beginning 1156' from DER, 772' left of centerline, up to 4456' MSL.
Tree 1306' from DER, 840' left of centerline, 4457' MSL.
Trees beginning 1409' from DER, 818' left of centerline, up to 4466' MSL.
Trees beginning 1593' from DER, 658' left of centerline, up to 4474' MSL.
Tree 1873' from DER, 936' left of centerline, 4475' MSL.
Tree 2164' from DER, 653' left of centerline, 4478' MSL.
Trees beginning 2783' from DER, 172' right of centerline, up to 4501' MSL.
Tree 3135' from DER, 590' right of centerline, 4507' MSL.
Tree 3285' from DER, 504' right of centerline, 4510' MSL.

Rwy 26: Lighting 9' from DER, 54' left of centerline, 1' AGL/4410' MSL.
Lighting 10' from DER, 54' right of centerline, 1' AGL/4410' MSL.
Pole 119' from DER, 464' left of centerline, 32' AGL/4440' MSL.
Pole, transmission line, fence beginning 142' from DER, 270' right of centerline, up to 30' AGL/4438' MSL.
Pole 499' from DER, 466' left of centerline, 39' AGL/4452' MSL.
Pole 1274' from DER, 469' left of centerline, 39' AGL/4458' MSL.
Pole 1369' from DER, 387' right of centerline, 27' AGL/4447' MSL.
Sign 1501' from DER, 206' right of centerline, 30' AGL/4448' MSL.
Tree 1618' from DER, 42' right of centerline, 4473' MSL.
Signs, trees beginning 1656' from DER, 66' left of centerline, up to 59' AGL/4482' MSL.
Tree 1663' from DER, 15' right of centerline, 4475' MSL.
Trees beginning 1664' from DER, 16' right of centerline, up to 4484' MSL.
Tree 1878' from DER, 28' left of centerline, 4483' MSL.
Trees beginning 1913' from DER, 162' left of centerline, up to 4484' MSL.
Trees beginning 1916' from DER, 20' left of centerline, up to 4487' MSL.
Trees beginning 2053' from DER, 25' left of centerline, up to 4497' MSL.
Tree 2099' from DER, 206' right of centerline, 4490' MSL.
Trees beginning 2102' from DER, 12' right of centerline, up to 4493' MSL.
Trees beginning 2255' from DER, 45' right of centerline, up to 4500' MSL.
Trees beginning 2268' from DER, 5' left of centerline, up to 4506' MSL.
Pole, tree beginning 2635' from DER, 114' right of centerline, up to 100' AGL/4527' MSL.
Antenna 3413' from DER, 298' left of centerline, 80' AGL/4514' MSL.

(CONTINUED ON FOLLOWING PAGE)

SW-4, 03 SEP 2026 to 29 OCT 2026

(CONTINUED)

TAKEOFF OBSTACLE NOTES

Rwy 35L: Lighting 10′ from DER, 85′ left of centerline, 2′ AGL/4416′ MSL.
Lighting 10′ from DER, 86′ right of centerline, 2′ AGL/4416′ MSL.
Sign 40′ from DER, 437′ right of centerline, 4′ AGL/4417′ MSL.
Lighting 999′ from DER, on centerline, 22′ AGL/4440′ MSL.
Antenna 1029′ from DER, 49′ left of centerline, 22′ AGL/4441′ MSL.
Antenna 1029′ from DER, 49′ right of centerline, 23′ AGL/4441′ MSL.
Pole 1176′ from DER, 629′ right of centerline, 32′ AGL/4451′ MSL.
Tree 1193′ from DER, 400′ left of centerline, 4454′ MSL.
Trees beginning 1216′ from DER, 227′ left of centerline, up to 4476′ MSL.
Tree 1229′ from DER, 349′ right of centerline, 4458′ MSL.
Trees beginning 1267′ from DER, 207′ right of centerline, up to 4465′ MSL.
Tree 1974′ from DER, 898′ right of centerline, 4469′ MSL.
Tree 2326′ from DER, 938′ right of centerline, 4473′ MSL.
Tree 2350′ from DER, 885′ right of centerline, 4474′ MSL.
Trees beginning 2489′ from DER, 178′ right of centerline, up to 4493′ MSL.
Trees, poles beginning 2528′ from DER, 16′ right of centerline, up to 4498′ MSL.
Trees beginning 2789′ from DER, 69′ left of centerline, up to 4490′ MSL.
Trees beginning 2877′ from DER, 292′ left of centerline, up to 4492′ MSL.

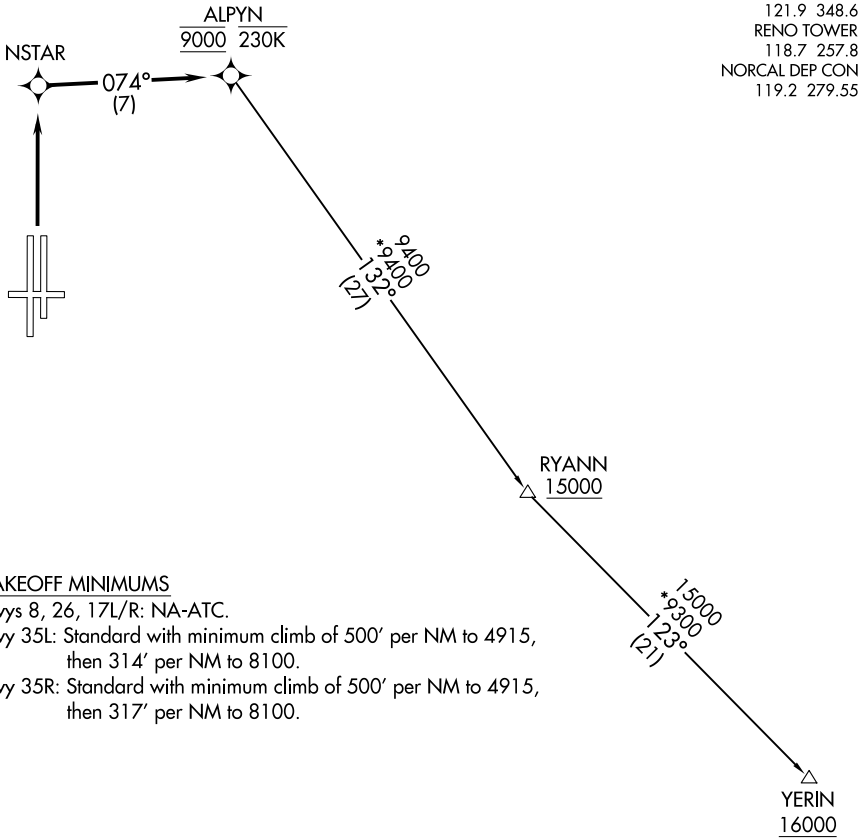
Rwy 35R: Sign 40′ from DER, 262′ left of centerline, 4′ AGL/4417′ MSL.
Building 87′ from DER, 272′ right of centerline, 7′ AGL/4420′ MSL.
Lighting 999′ from DER, 699′ left of centerline, 22′ AGL/4440′ MSL.
Antennas beginning 1028′ from DER, 649′ left of centerline, up to 22′ AGL/4441′ MSL.
Poles beginning 1066′ from DER, 165′ right of centerline, up to 40′ AGL/4458′ MSL.
Pole 1176′ from DER, 70′ left of centerline, 32′ AGL/4451′ MSL.
Tree 1229′ from DER, 349′ left of centerline, 4458′ MSL.
Tree 1267′ from DER, 492′ left of centerline, 4465′ MSL.
Trees beginning 1711′ from DER, 255′ right of centerline, up to 4466′ MSL.
Tree 1973′ from DER, 198′ right of centerline, 4469′ MSL.
Trees beginning 1991′ from DER, 186′ right of centerline, up to 4491′ MSL.
Trees, pole beginning 2489′ from DER, 361′ right of centerline, up to 4493′ MSL.
Tree 2505′ from DER, 520′ left of centerline, 4480′ MSL.
Trees, pole beginning 2528′ from DER, 201′ left of centerline, up to 4498′ MSL.
Pole 2815′ from DER, 531′ right of centerline, 82′ AGL/4497′ MSL.

SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE: FL190

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.

D-ATIS 135.8 363.0
CLNC DEL 124.9 370.85
CPDLC
GND CON 121.9 348.6
RENO TOWER 118.7 257.8
NORCAL DEP CON 119.2 279.55



TAKEOFF MINIMUMS
Rwys 8, 26, 17L/R: NA-ATC.
Rwy 35L: Standard with minimum climb of 500′ per NM to 4915, then 314′ per NM to 8100.
Rwy 35R: Standard with minimum climb of 500′ per NM to 4915, then 317′ per NM to 8100.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 35L/R: Climb direct NSTAR, then on track 074° to cross ALPYN at 9000 and at or below 230K, thence . . . .

. . . .on YERIN transition maintain FL190 or assigned altitude. Expect filed altitude 5 minutes after departure.

YERIN TRANSITION (ALPYN1.YERIN)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(GMBLL1.GMBLL) 26246

GMBLL ONE DEPARTURE (RNAV)

AL-346 (FAA)

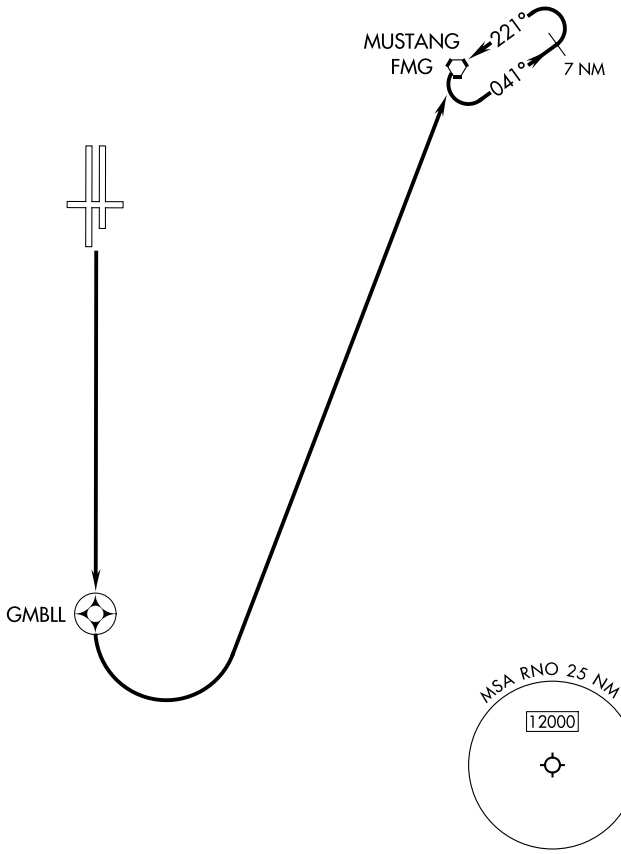
RENO/TAHOE INTL (RNO)
RENO, NEVADA

NORCAL DEP CON
119.2 279.55
D-ATIS
135.8 363.0
CLNC DEL
124.9 370.85
GND CON
121.9 348.6
RENO TOWER
118.7 257.8

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwy 8: NA- Terrain.
Rwy 17L: 600-2¼ with minimum climb of 437'/NM to 9000 or standard with minimum climb of 742'/NM to 9200.
Rwy 17R: Standard with minimum climb of 451'/NM to 9300.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 17L/R: Climb direct GMBLL, then climbing left turn direct FMG VORTAC, maintain ATC assigned altitude. Climb in FMG VORTAC holding pattern to depart FMG VORTAC at or above MEA/MCA for route of flight. Expect filed altitude 5 minutes after departure.

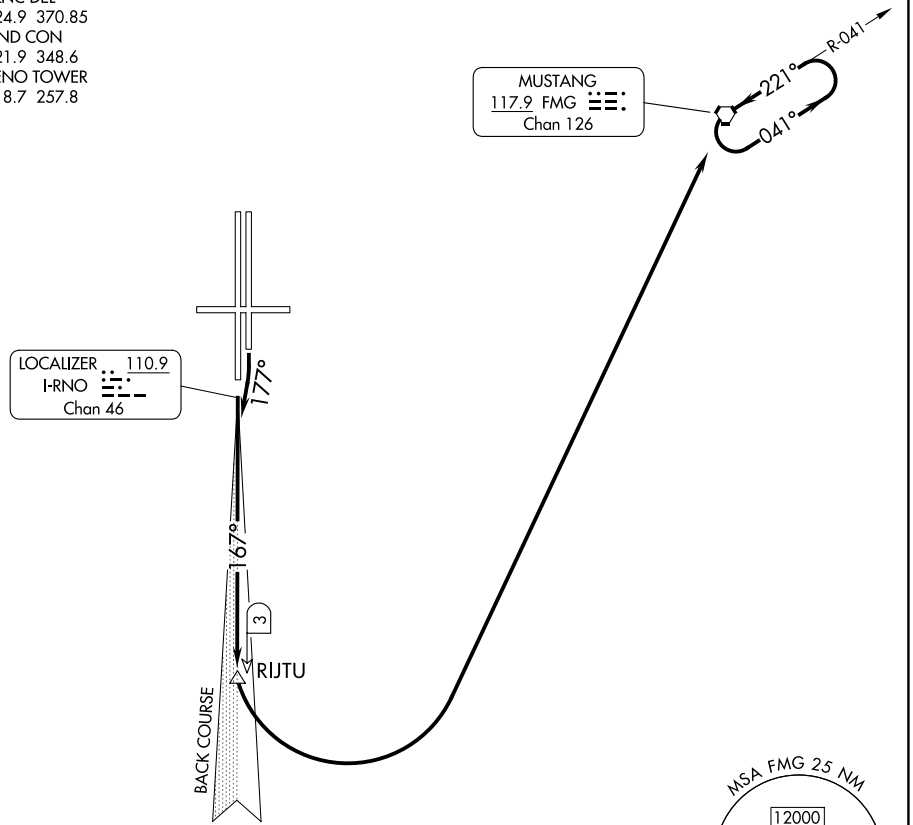
SW-4, 03 SEP 2026 to 29 OCT 2026

MUSTANG ONE DEPARTURE

NORCAL DEP CON
119.2 279.55
D-ATIS
135.8 363.0
CLNC DEL
124.9 370.85
GND CON
121.9 348.6
RENO TOWER
118.7 257.8

DME required.

TOP ALTITUDE: 10000



TAKEOFF MINIMUMS
Rwy 8: NA- obstacles.
Rwy 17L: Standard with minimum climb of 740' per NM to 8000 or, 600-1¼ with minimum climb of 525' per NM to 8000.
Rwy 17R: Standard with minimum climb of 740' per NM to 8000 or, 600-1¼ with minimum climb of 525' per NM to 8000.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17L: Climbing right turn heading 177° to 10000 or assigned altitude, to intercept I-RNO south course to RIJTU/3 DME, thence . . .

TAKEOFF RUNWAY 17R: Climb on heading 167° to 10000 or assigned altitude, on I-RNO south course to RIJTU/3 DME, thence . . .

. . . .Left turn direct FMG VORTAC. Climb in FMG holding pattern to depart FMG VORTAC at or above MEA/MCA for direction of flight. Expect filed altitude within 5 minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(PVINE5.PVINE) 23166

PVINE FIVE DEPARTURE (RNAV)

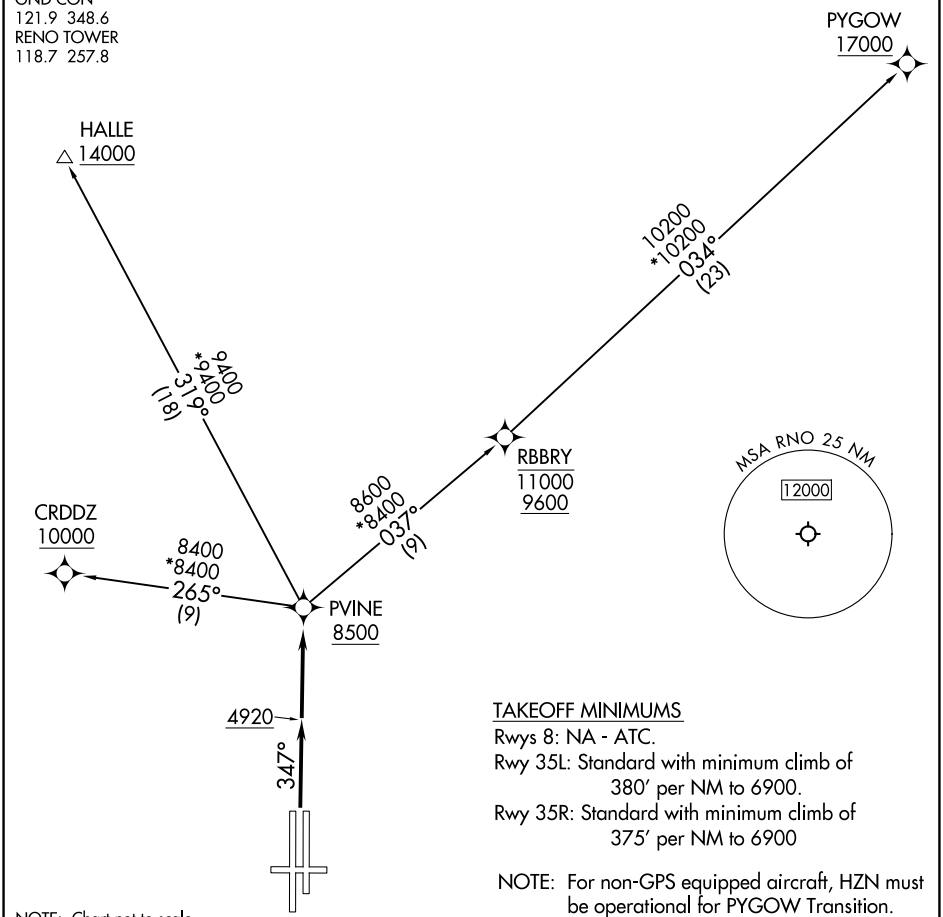
AL-346 (FAA)

RENO/TAHOE INTL (RNO)
RENO, NEVADA

NORCAL DEP CON
126.3 353.9
D-ATIS
135.8 363.0
CLNC DEL
124.9 370.85
GND CON
121.9 348.6
RENO TOWER
118.7 257.8

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: FL190



TAKEOFF MINIMUMS
Rwys 8: NA - ATC.
Rwy 35L: Standard with minimum climb of 380′ per NM to 6900.
Rwy 35R: Standard with minimum climb of 375′ per NM to 6900

NOTE: For non-GPS equipped aircraft, HZN must be operational for PYGOW Transition.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 35L/R: Climb on heading 347° to 4920, then direct PVINE, thence. . . .

. . . .Maintain FL190 or assigned altitude. Expect filed altitude 5 minutes after departure.

CRDDZ TRANSITION (PVINE5.CRDDZ)

HALLE TRANSITION (PVINE5.HALLE)

PYGOW TRANSITION (PVINE5.PYGOW)

SW-4, 03 SEP 2026 to 29 OCT 2026

RENO ONE DEPARTURE

AL-346 (FAA)

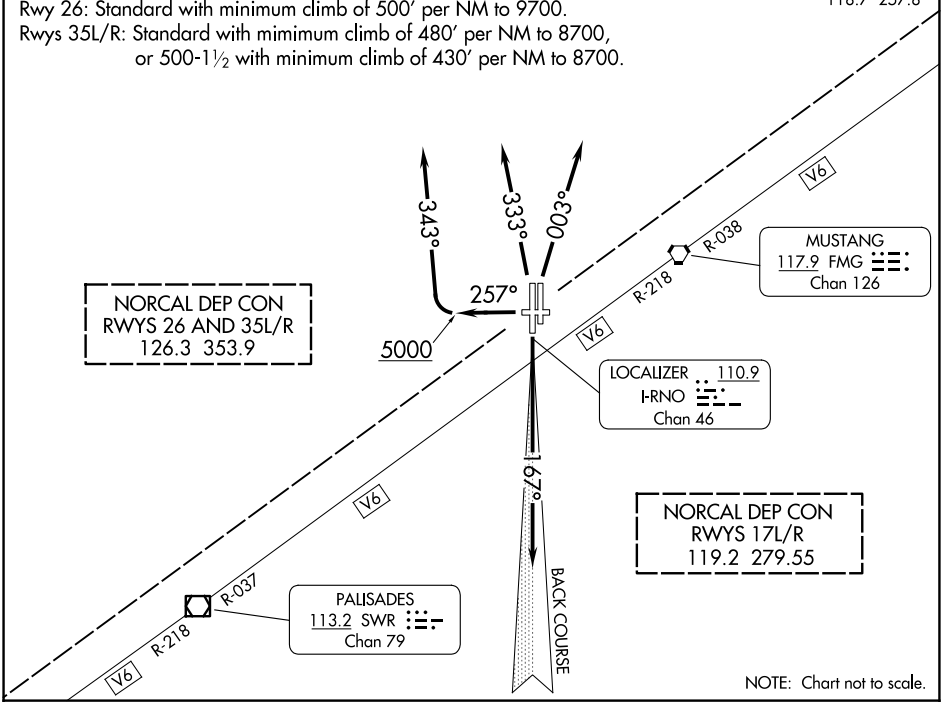
RADAR required.

TOP ALTITUDE: FL190

D-ATIS
135.8 363.0
CLNC DEL
124.9 370.85
CPDLC
GND CON
121.9 348.6
RENO TOWER
118.7 257.8

TAKEOFF MINIMUMS

Rwy 8: NA- Obstacles.
Rwy 17L: Standard with minimum climb of 730′ per NM to 10900, or 600-1¼ with minimum climb of 352′ per NM to 10900.
Rwy 17R: Standard with minimum climb of 460′ per NM to 10900, or 300-1 with minimum climb of 395′ per NM to 10900.
Rwy 26: Standard with minimum climb of 500′ per NM to 9700.
Rwys 35L/R: Standard with mimimum climb of 480′ per NM to 8700, or 500-1½ with minimum climb of 430′ per NM to 8700.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 17L/R: Climb on heading 167° and I-RNO localizer south course. Thence. . . .

TAKEOFF RUNWAY 26: Climb on heading 257° to 5000 then climbing right turn heading 343°. Thence. . . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 333° CW 003° as assigned by ATC. Thence. . . .

. . . .All aircraft maintain FL190 or assigned altitude. Expect filed altitude within 5 minutes after departure. Expect RADAR vectors to assigned route/fix.

LOST COMMUNICATIONS: If not in contact with departure control within one minute after takeoff, maintain assigned heading until passing 10000, thence. . . .

RUNWAYS 17L/R DEPARTURES: Turn left direct FMG VORTAC, then on assigned route.

RUNWAYS 26 and 35L/R DEPARTURES: Turn right direct FMG VORTAC, then on assigned route.

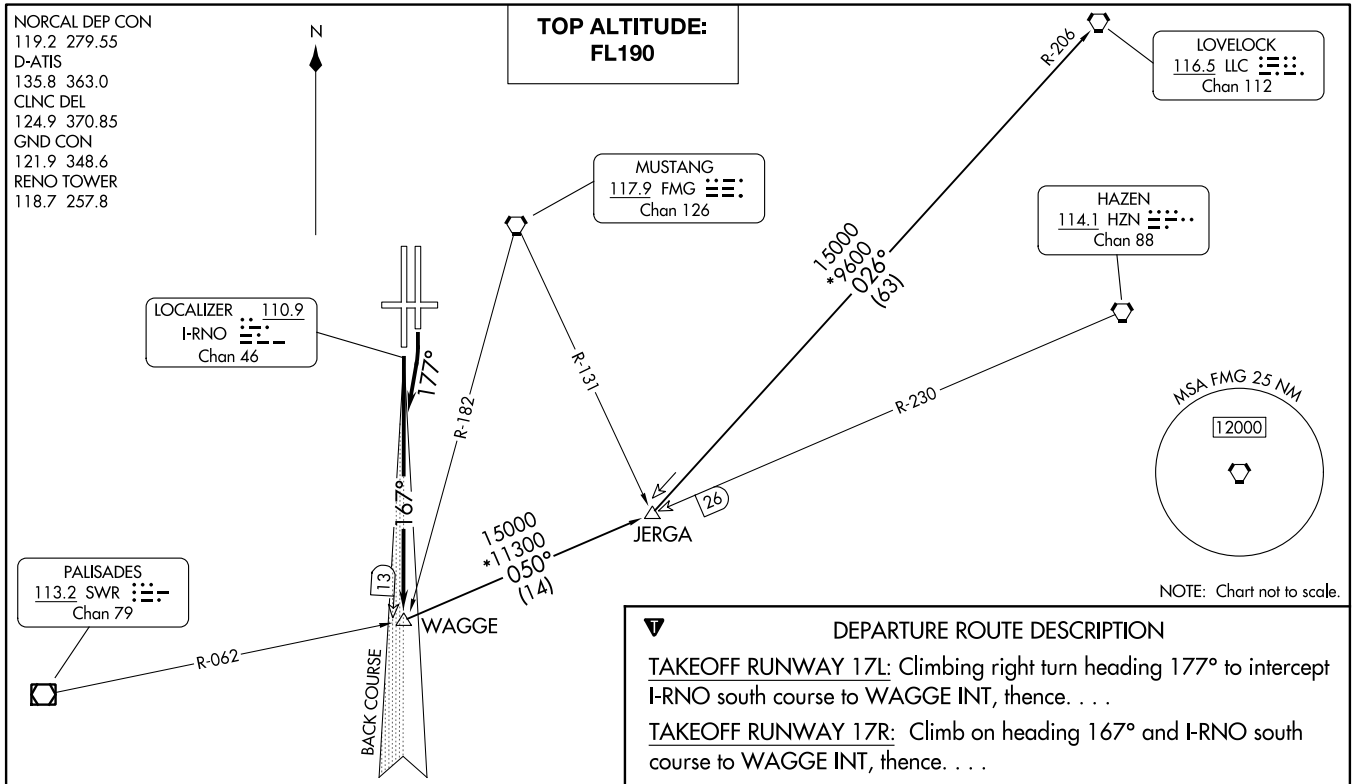
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAGGE EIGHT DEPARTURE

(WAGGE8.WAGGE) 11JUL24

RENO/TAHOE INTL (RNO)

RENO, NEVADA



TAKEOFF MINIMUMS

Rwy 8: NA- Obstacles.
Rwy 17L: Standard with minimum climb of 743' per NM to 8000.
Rwy 17R: Standard with minimum climb of 372' per NM to 9200.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17L: Climbing right turn heading 177° to intercept I-RNO south course to WAGGE INT, thence. . . .

TAKEOFF RUNWAY 17R: Climb on heading 167° and I-RNO south course to WAGGE INT, thence. . . .

. . . .on (transition) or assigned route. All aircraft maintain FL190 or assigned altitude. Expect filed altitude within 5 minutes after departure.

LOVELOCK TRANSITION (WAGGE8.LLC): From over WAGGE INT on HZN R-230 to JERGA INT, then on LLC R-206 to LLC VORTAC.

(WAGGE8.WAGGE) 26246

WAGGE EIGHT DEPARTURE

AL-346 (FAA)

RENO/TAHOE INTL (RNO)

RENO, NEVADA

ZEFFR NINE DEPARTURE (RNAV)

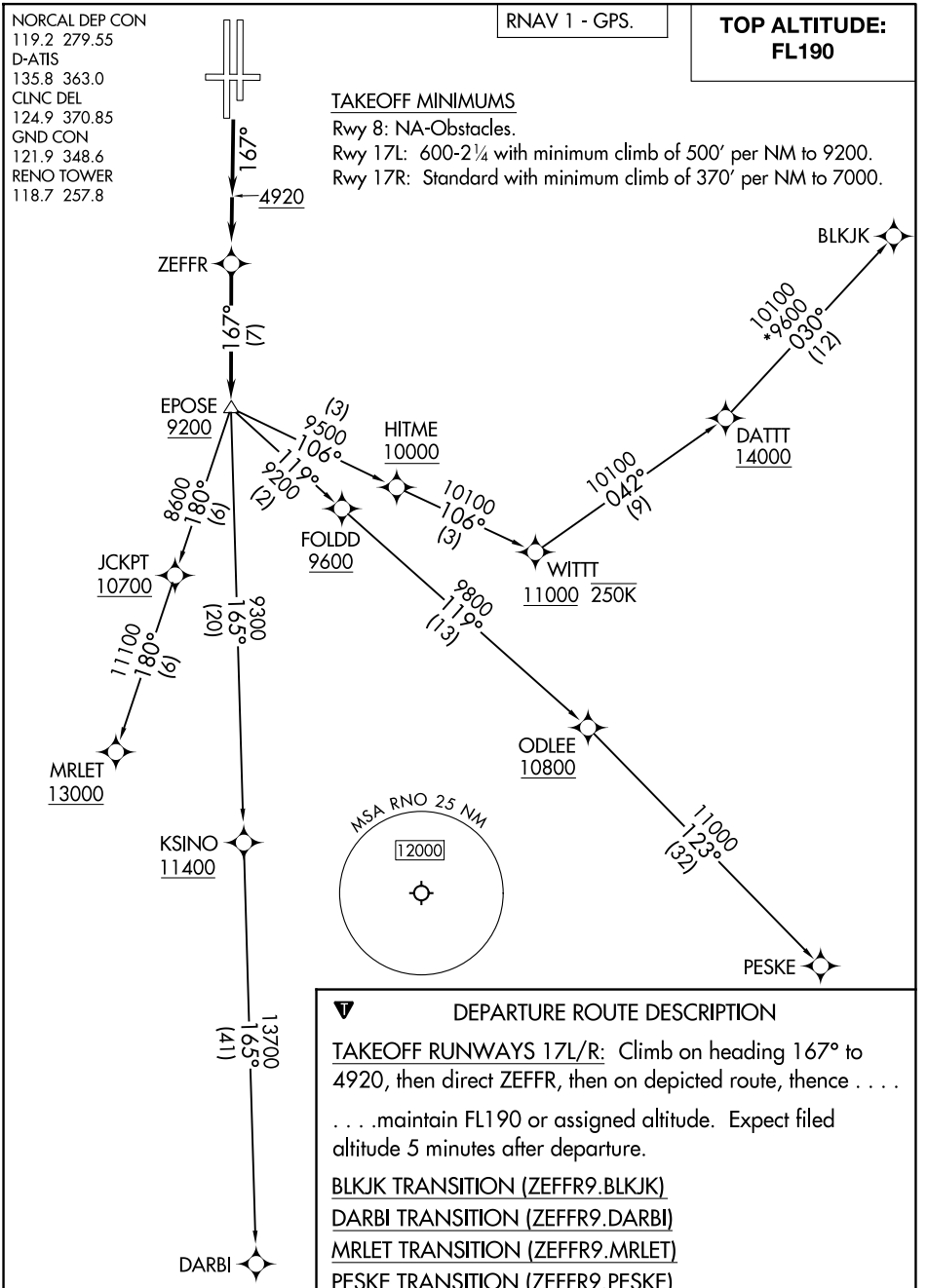
AL-346 (FAA)

NORCAL DEP CON
119.2 279.55
D-ATIS
135.8 363.0
CLNC DEL
124.9 370.85
GND CON
121.9 348.6
RENO TOWER
118.7 257.8

RNAV 1 - GPS.

TOP ALTITUDE: FL190

TAKEOFF MINIMUMS
Rwy 8: NA-Obstacles.
Rwy 17L: 600-2¼ with minimum climb of 500' per NM to 9200.
Rwy 17R: Standard with minimum climb of 370' per NM to 7000.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 17L/R: Climb on heading 167° to 4920, then direct ZEFFR, then on depicted route, thence . . . .

. . . .maintain FL190 or assigned altitude. Expect filed altitude 5 minutes after departure.

BLKJK TRANSITION (ZEFFR9.BLKJK)
DARBI TRANSITION (ZEFFR9.DARBI)
MRLET TRANSITION (ZEFFR9.MRLET)
PESKE TRANSITION (ZEFFR9.PESKE)

RICHFIELD, UTAH | AL-9434 (FAA) | 26246

RNAV (GPS) RWY 19

RICHFIELD MUNI (RIF)

WAAS	APP CRS	Rwy Ldg	7100
CH 70537	207°	TDZE	5286
W19A		Apt Elev	5318

RNP APCH-GPS.

Rwy 19 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, procedure NA.

NA

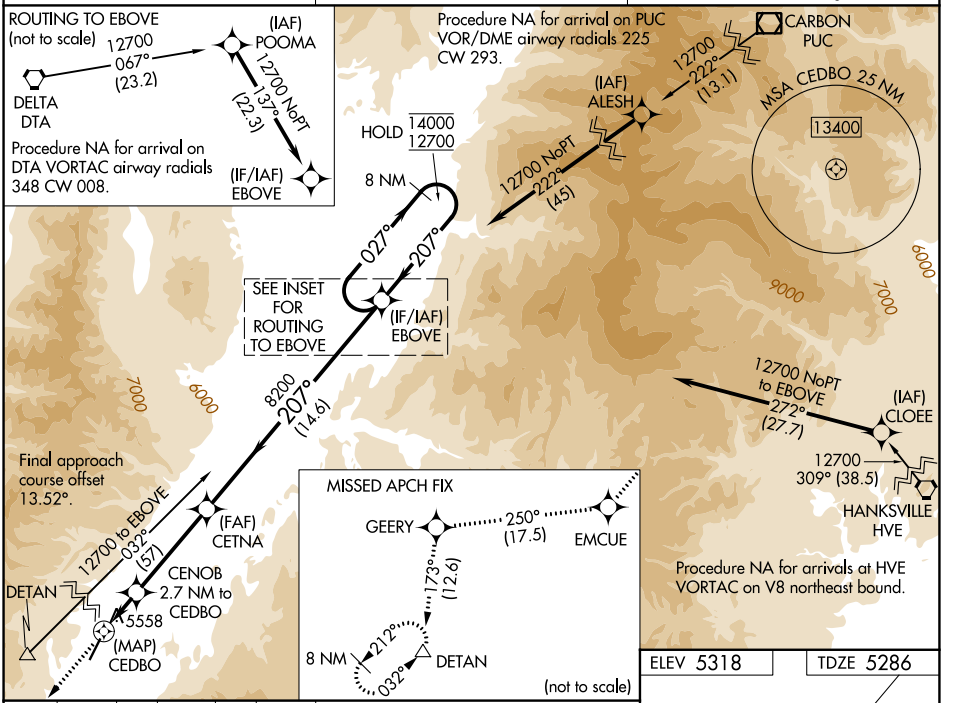
-11°C

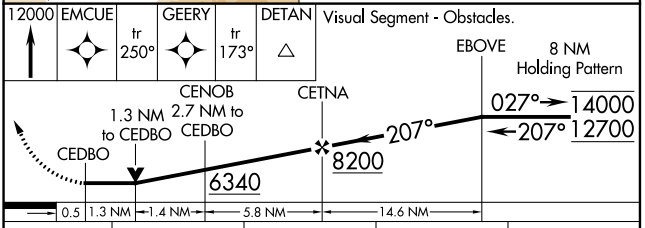
MISSED APPROACH: Climb to 12000 direct EMCUE, and track 250° to GEERY, and track 173° to DETAN and hold.

*Missed approach requires minimum climb of 380 feet per NM to 9600.

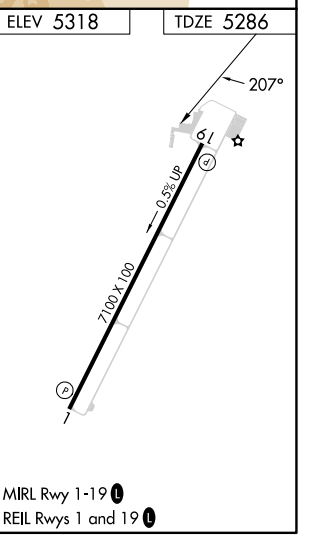
#Missed approach requires minimum climb of 390 feet per NM to 9600.

AWOS-3PT	SALT LAKE CITY CENTER	UNICOM
133.375	125.575 379.275	122.8 (CTAF) L





CATEGORY	A	B	C	D
LP MDA*	5880-1 594 (600-1)		5880-1¾ 594 (600-1¾)	NA
LP MDA	7340-1¼ 2054 (2100-1¼)	7340-1½ 2054 (2100-1½)	7340-3 2054 (2100-3)	NA
LNAV MDA#	6340-1¼ 1054 (1100-1¼)	6340-1½ 1054 (1100-1½)	6340-3 1054 (1100-3)	NA
LNAV MDA	7440-1¼ 2154 (2200-1¼)	7440-1½ 2154 (2200-1½)	7440-3 2154 (2200-3)	NA
CIRCLING	7440-1¼ 2122 (2200-1¼)	7440-1½ 2122 (2200-1½)	7440-3 2122 (2200-3)	NA



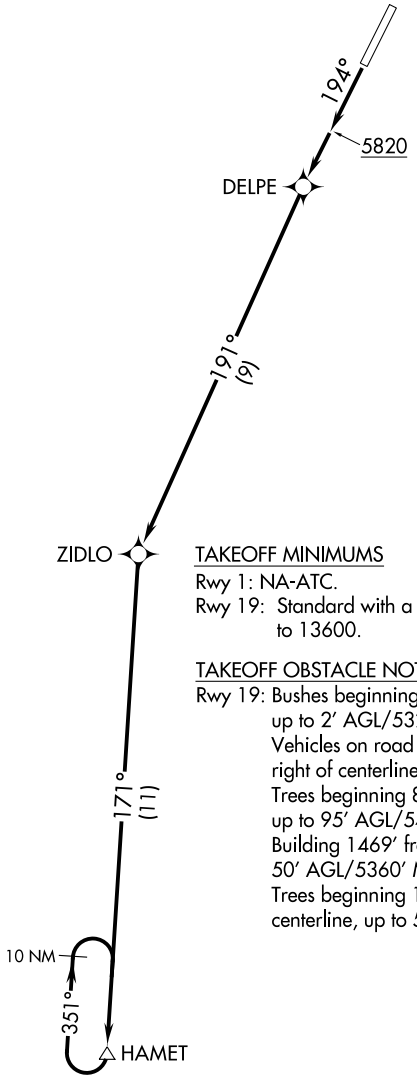
RICHFIELD, UTAH | RICHFIELD MUNI (RIF)

Amdt 1D 06OCT22 | 38°44'N-112°06'W | RNAV (GPS) RWY 19

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY CENTER
125.575 379.275
UNICOM
122.8 (CTAF)
AWOS-3PT
133.375



NOTE: RNAV 1.
NOTE: GPS required.

TAKEOFF MINIMUMS
Rwy 1: NA-ATC.
Rwy 19: Standard with a minimum climb of 385′ per NM to 13600.

TAKEOFF OBSTACLE NOTES
Rwy 19: Bushes beginning 74′ from DER, 322′ right of centerline, up to 2′ AGL/5326′ MSL.
Vehicles on road beginning 347′ from DER, left and right of centerline, up to 15′ AGL/5352′ MSL.
Trees beginning 831′ from DER, 695′ left of centerline, up to 95′ AGL/5414′ MSL.
Building 1469′ from DER, 660′ right of centerline, 50′ AGL/5360′ MSL.
Trees beginning 1604′ from DER, 475′ right of centerline, up to 57′ AGL/5397′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 19: Climb heading 194° to 5820, then direct DELPE, then on track 191° to ZIDLO, then on track 171° to HAMET. Thence. . . .

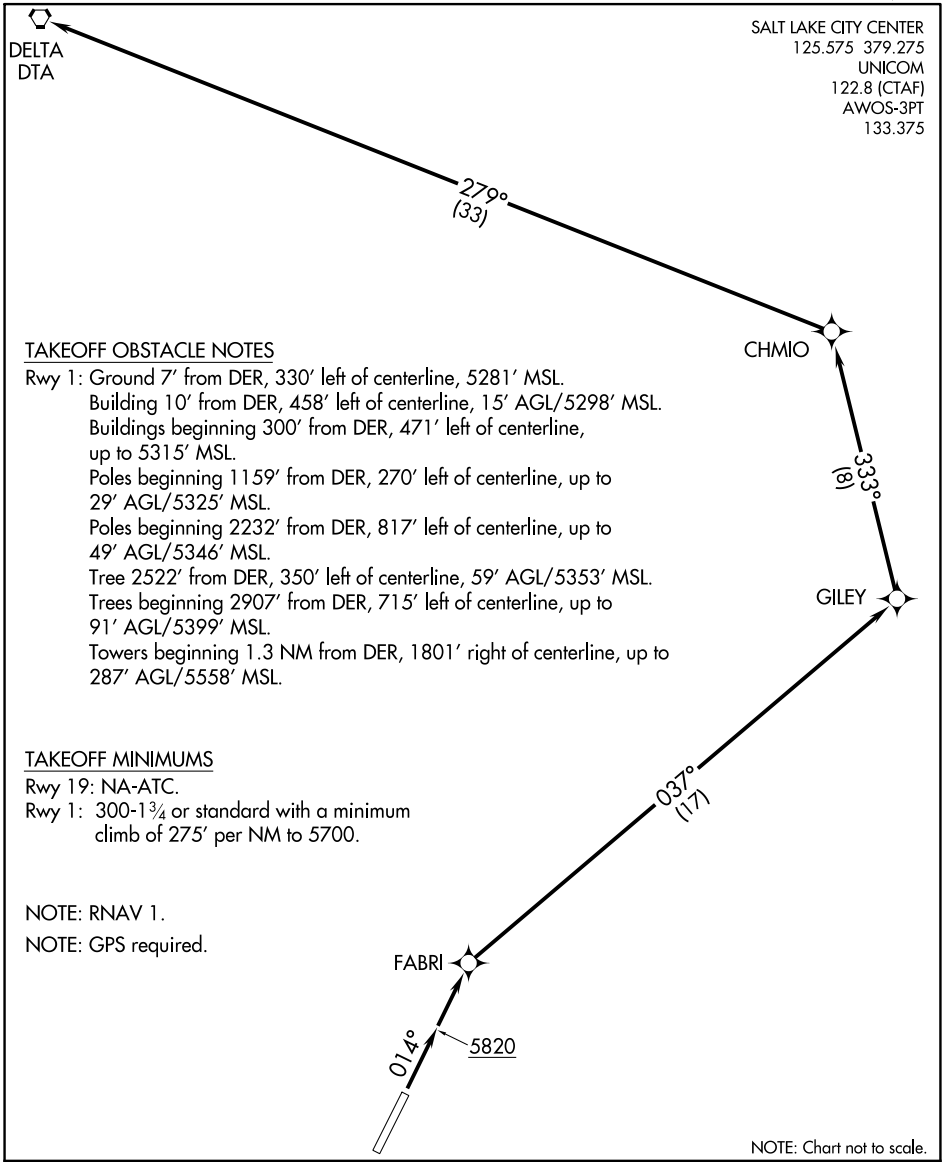
. . . .climb in holding pattern to 16000 before proceeding on course. Expect filed altitude 10 minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026

(RIF2.RIF) 26246 AL-9434 (FAA)

RICHFIELD TWO DEPARTURE (OBSTACLE) (RNAV)

RICHFIELD MUNI (RIF)
RICHFIELD, UTAH



TAKEOFF OBSTACLE NOTES

Rwy 1: Ground 7′ from DER, 330′ left of centerline, 5281′ MSL.
Building 10′ from DER, 458′ left of centerline, 15′ AGL/5298′ MSL.
Buildings beginning 300′ from DER, 471′ left of centerline, up to 5315′ MSL.
Poles beginning 1159′ from DER, 270′ left of centerline, up to 29′ AGL/5325′ MSL.
Poles beginning 2232′ from DER, 817′ left of centerline, up to 49′ AGL/5346′ MSL.
Tree 2522′ from DER, 350′ left of centerline, 59′ AGL/5353′ MSL.
Trees beginning 2907′ from DER, 715′ left of centerline, up to 91′ AGL/5399′ MSL.
Towers beginning 1.3 NM from DER, 1801′ right of centerline, up to 287′ AGL/5558′ MSL.

TAKEOFF MINIMUMS

Rwy 19: NA-ATC.
Rwy 1: 300-1¾ or standard with a minimum climb of 275′ per NM to 5700.

NOTE: RNAV 1.

NOTE: GPS required.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 014° to 5820, then direct to FABRI, then on track 037° to GILEY, then on track 333° to CHMIO, then on track 279° to DTA VORTAC. Thence. . . .

. . . .climb to 10300. Expect filed altitude 10 minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	6501
CH 86539	253°	TDZE	5140
W25A		Apt Elev	5176

RNAV (GPS) RWY 25

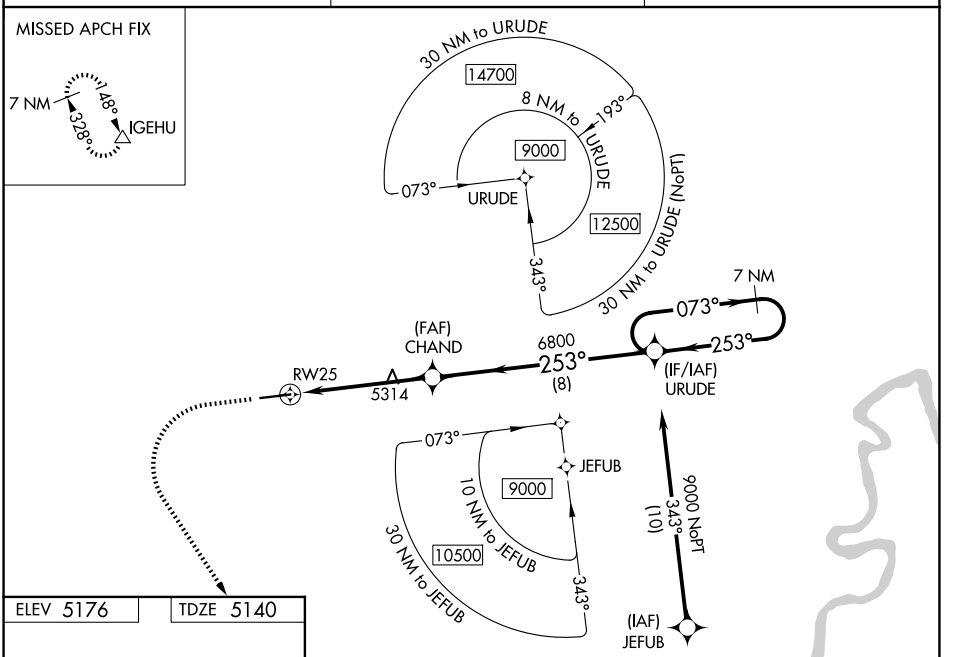
ROOSEVELT MUNI (74V)

NA — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (119°F). Baro-VNAV and VDP NA when using Vernal altimeter setting. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Vernal altimeter setting: increase LPV DA to 5466 and visibility ⅛ SM, LNAV/VNAV DA to 5628 and visibility ¼ SM; increase all MDAs 80 feet and LNAV visibility Cat C and D ⅛ SM and Circling Cat C visibility ¼ SM.

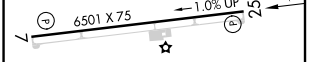
MISSED APPROACH: Climb to 5700 then climbing left turn to 10500 direct IGEHU and hold, continue climb-in-hold to 10500.

AWOS-3P	SALT LAKE CENTER	UNICOM
118.975	135.77 257.7	122.8 (CTAF) L

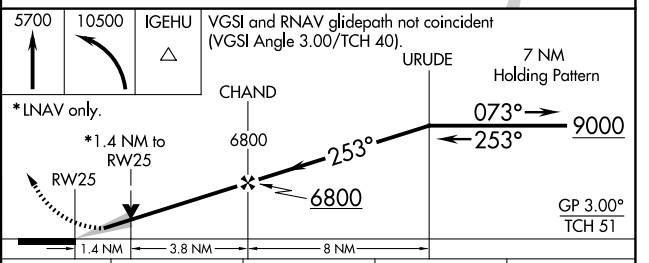
MISSED APCH FIX



ELEV 5176 TDZE 5140



MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L



CATEGORY	A	B	C	D
LPV DA	5390-1 250 (300-1)			
LNAV/VNAV DA	5552-1½ 412 (400-1½)			
LNAV MDA	5580-1 440 (500-1)		5580-1¼ 440 (500-1¼)	
CIRCLING	5740-1 564 (600-1)	5900-1 724 (800-1)	6020-2½ 844 (900-2½)	6340-3 1164 (1200-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

ROOSEVELT, UTAH | AL-6419 (FAA) | 26246

VOR/DME MTU	APP CRS	Rwy Ldg	N/A
112.7	010°	TDZE	N/A
Chan 74		Apt Elev	5176

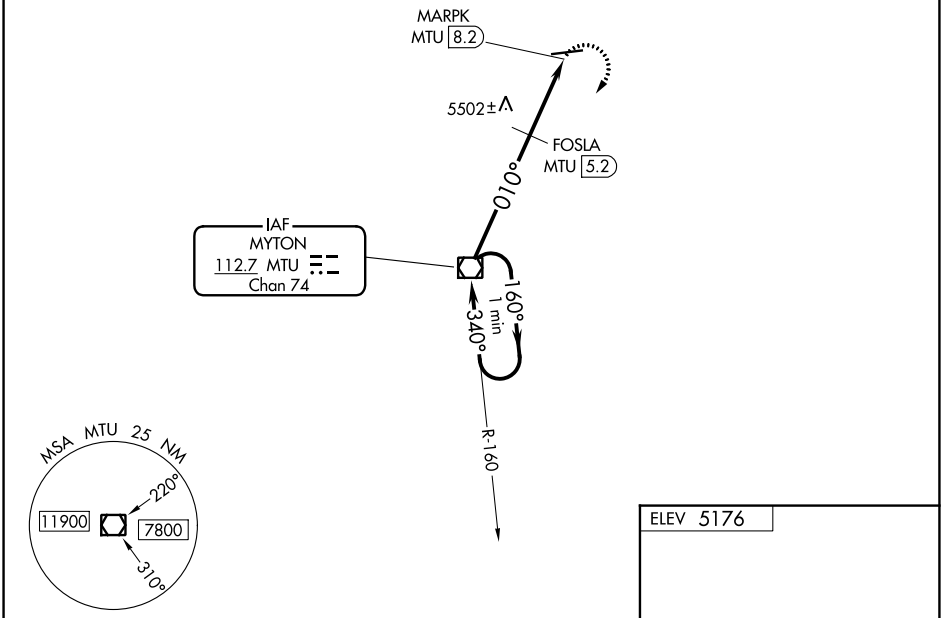
VOR-A

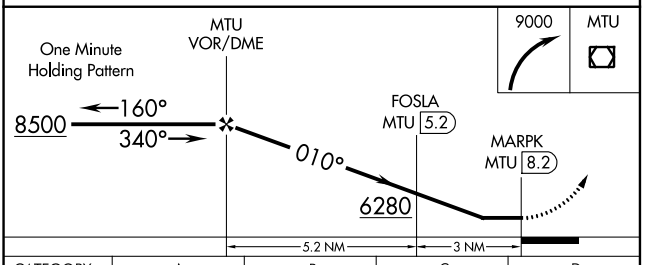
ROOSEVELT MUNI (74V)

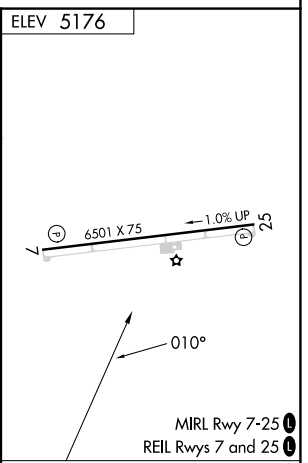
T NA — When local altimeter setting not received, use Vernal altimeter setting and increase all MDA 80 feet, FOSLA fix minimums, increase Cat C visibility ¼ SM.

MISSED APPROACH: Climbing right turn to 9000 direct MTU VOR/DME and hold, continue climb-in-hold to 9000.

AWOS-3P	SALT LAKE CENTER	UNICOM
118.975	135.77 257.7	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	6280-1¼ 1104 (1200-1¼)	6280-1½ 1104 (1200-1½)	6280-3 1104 (1200-3)	6340-3 1164 (1200-3)
FOSLA FIX MINIMUMS				
CIRCLING	5760-1 584 (600-1)	5900-1 724 (800-1)	6020-2½ 844 (900-2½)	6340-3 1164 (1200-3)

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

FAF to MAP 8.2 NM

Knots	60	90	120	150	180
Min:Sec	8:12	5:28	4:06	3:17	2:44

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	6007
CH 69516	123°	TDZE	3167
W12A		Apt Elev	3178

RNAV (GPS) RWY 12

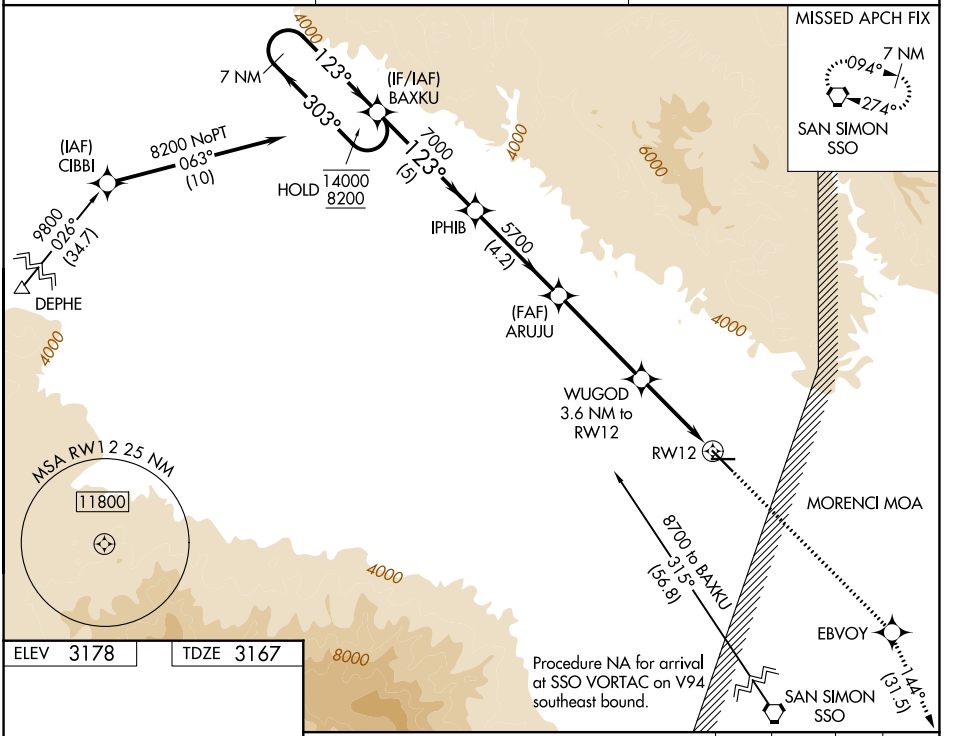
SAFFORD RGNL/1LT DUANE SPALSBURY FLD (SAD)

RNP APCH - GPS.

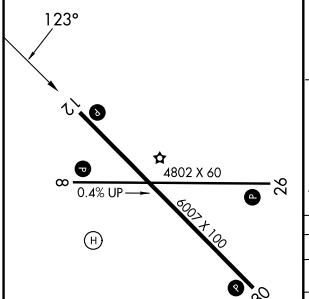
Circling to Rwy 8 NA at night. Circling NA northeast of Rwy 12 and north of Rwy 26. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -6°C or above 54°C.

MISSED APPROACH: Climb to 10000 direct EBVOY and on track 144° to SSO VORTAC and hold.

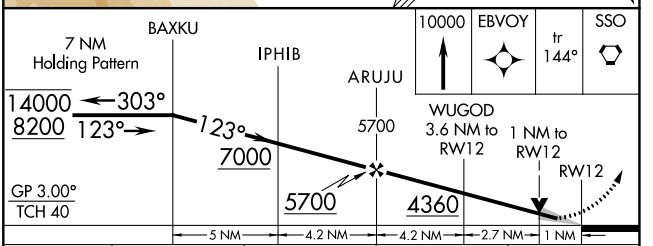
ASOS	ALBUQUERQUE CENTER	UNICOM
124.175	134.45 327.15	122.8 (CTAF) L



ELEV 3178 TDZE 3167



REIL Rwys 8, 12, 26, and 30 L
MIRL Rwys 8-26 and 12-30 L



CATEGORY	A	B	C	D
LPV DA	3417-¾ 250 (300-¾)			
LNAV/VNAV DA	3417-¾ 250 (300-¾)			
LNAV MDA	3520-1 353 (400-1)			
CIRCLING	3580-1 402 (500-1)	3640-1 462 (500-1)	3640-1½ 462 (500-1½)	3900-2¼ 722 (800-2¼)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SAFFORD, ARIZONA | AL-789 (FAA) | 26190

RNAV (GPS) RWY 30

SAFFORD RGNL/1LT DUANE SPALSBURY FLD (SAD)

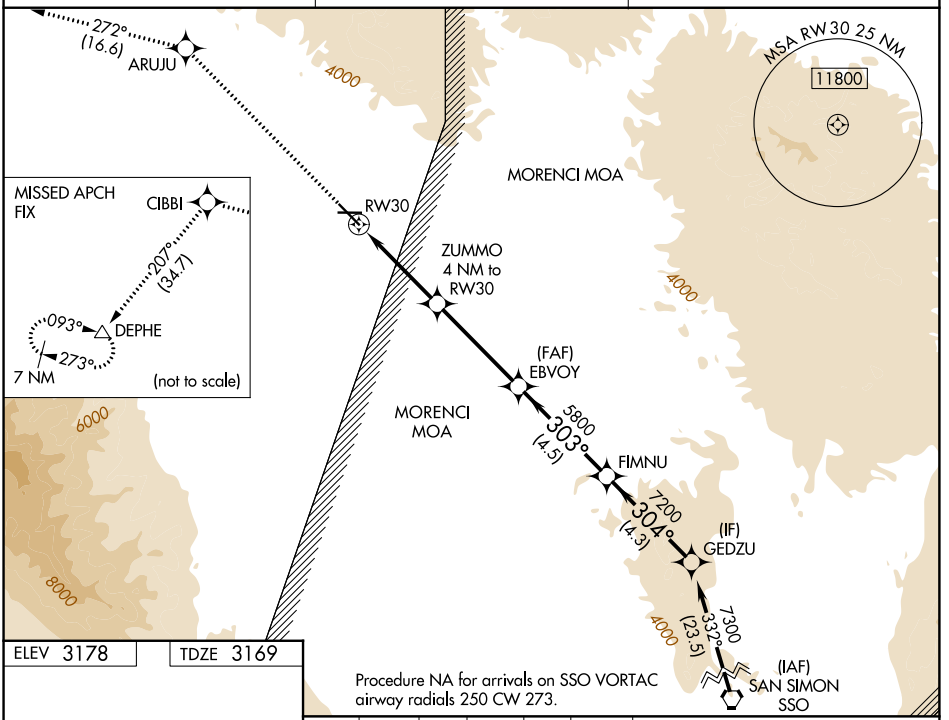
WAAS	APP CRS	Rwy Ldg	6007
CH 78316	303°	TDZE	3169
W30A		Apt Elev	3178

RNP APCH - GPS.

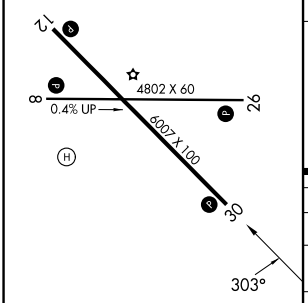
Circling to Rwy 8 NA at night. Circling NA northeast of Rwy 12 and north of Rwy 26. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -6°C or above 54°C.

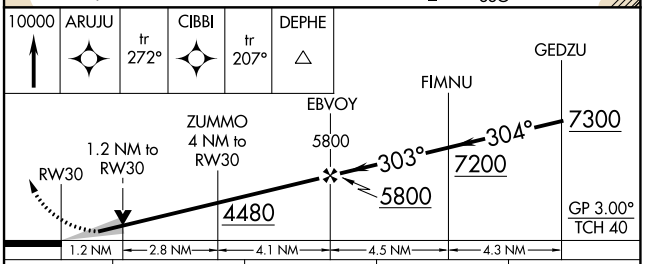
MISSED APPROACH: Climb to 10000 direct ARUJU and on track 272° to CIBBI and on track 207° to DEPHE and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
124.175	134.45 327.15	122.8 (CTAF)



ELEV 3178 | TDZE 3169





CATEGORY	A	B	C	D
LPV DA	3419-¾ 250 (300-¾)			
LNAV/VNAV DA	3517-1 348 (400-1)			
LNAV MDA	3600-1 431 (500-1)		3600-1¼ 431 (500-1¼)	
CIRCLING	3600-1 422 (500-1)	3640-1 462 (500-1)	3640-1½ 462 (500-1½)	3900-2¼ 722 (800-2¼)

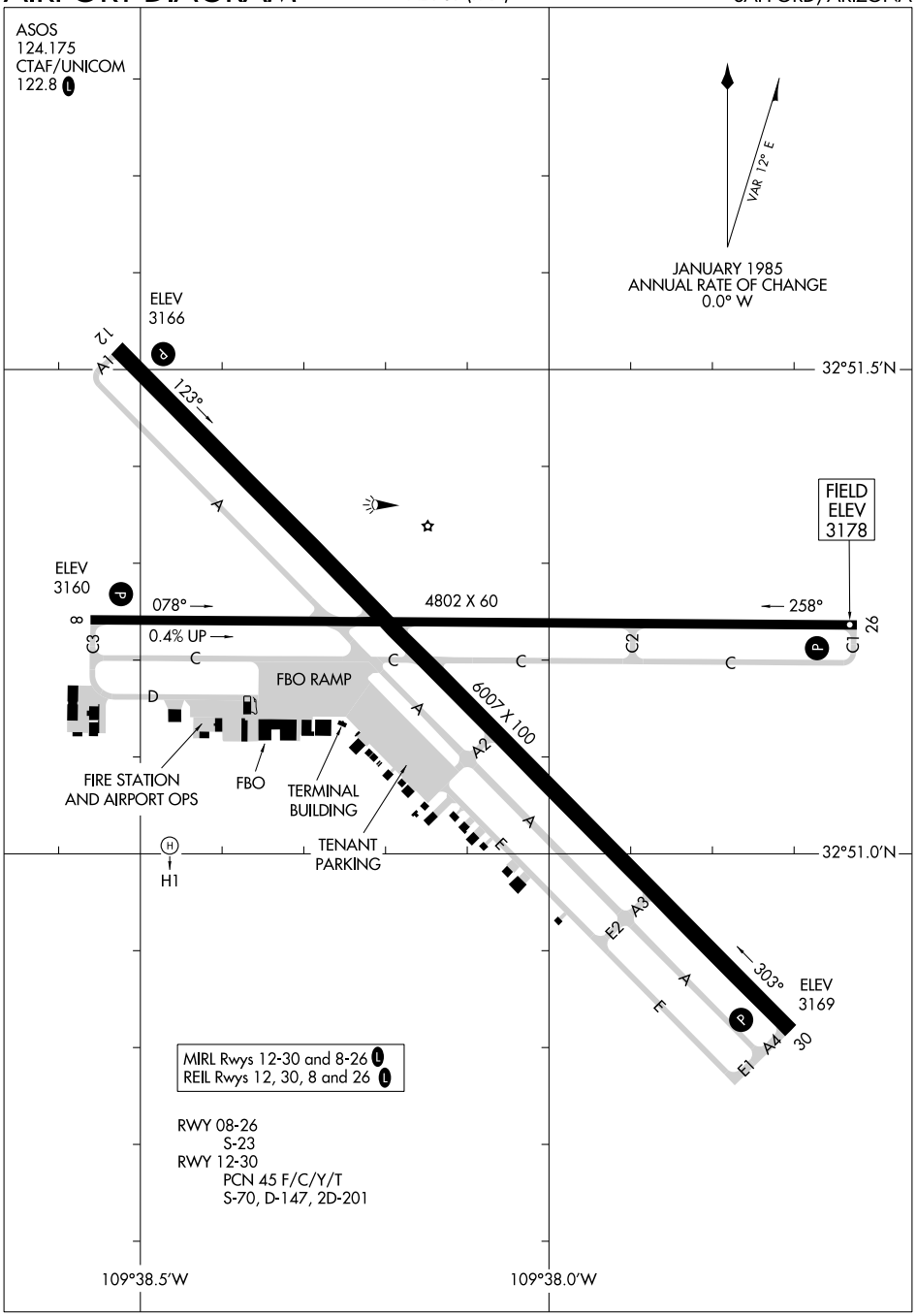
REIL Rwys 8, 12, 26, and 30 (L)
MIRL Rwys 8-26 and 12-30 (L)

SAFFORD, ARIZONA
Amdt 1 30NOV23

SAFFORD RGNL/1LT DUANE SPALSBURY FLD (SAD)
32°51'N-109°38'W
RNAV (GPS) RWY 30

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026



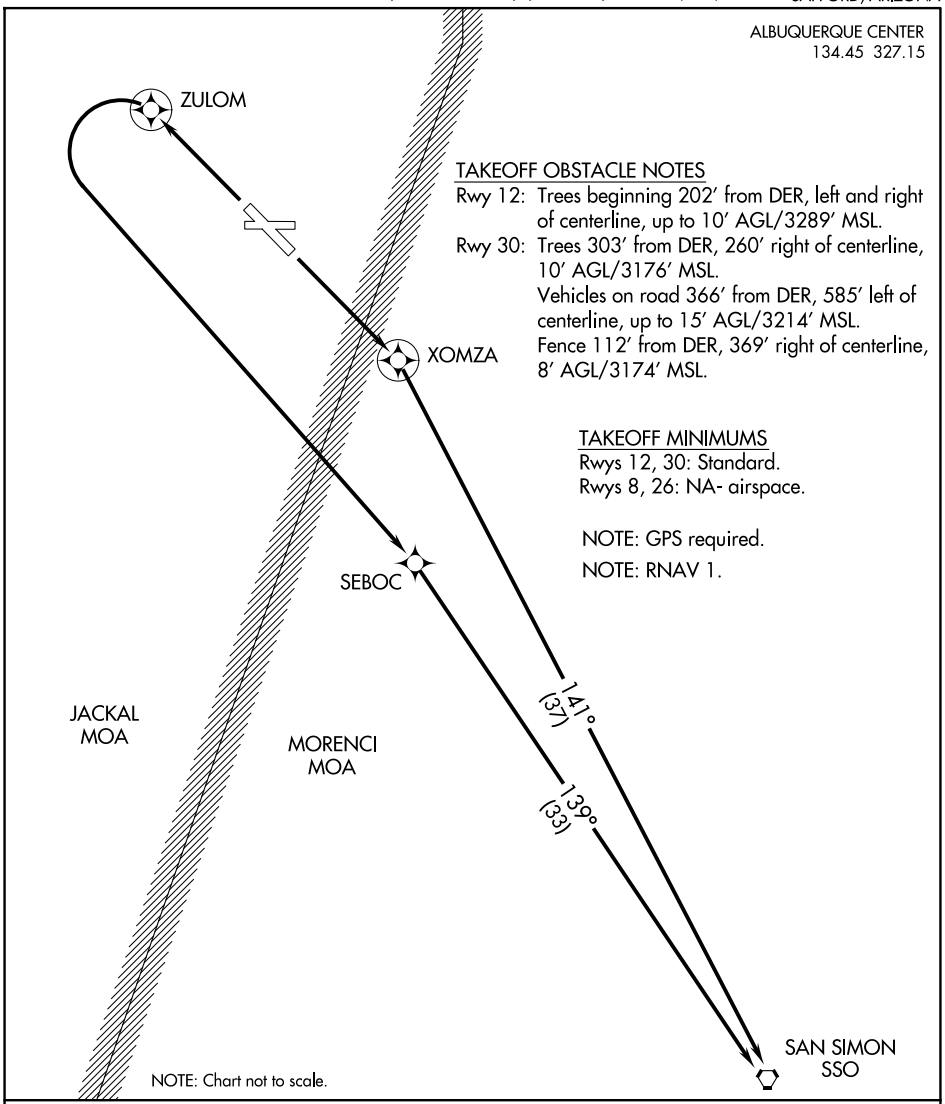
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(SAFRD1.SAFRD) 24137

SAFFORD RGNL/1LT DUANE SPALSBURY FLD (SAD)

SAFFORD ONE DEPARTURE (OBSTACLE) (RNAV) AL-789 (FAA)

SAFFORD, ARIZONA



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb direct XOMZA and right turn on track 141° to SSO VORTAC, thence. . . .

TAKEOFF RUNWAY 30: Climb direct ZULOM then climbing left turn direct SEBOC then on track 139° to SSO VORTAC, thence. . . .

. . . .via assigned route, expect clearance to filed altitude 10 minutes after departure.

SAFFORD ONE DEPARTURE (OBSTACLE) (RNAV)

SAFFORD, ARIZONA

(SAFRD1.SAFRD) 29JUL10

SAFFORD RGNL/1LT DUANE SPALSBURY FLD (SAD)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 1

ST GEORGE RGNL (SGU)

WAAS CH 50220 W01A	APP CRS 008°	Rwy Ldg 9300 TDZE 2851 Apt Elev 2884

RNP APCH-GPS.

Helicopter visibility reduction below 1 SM NA.

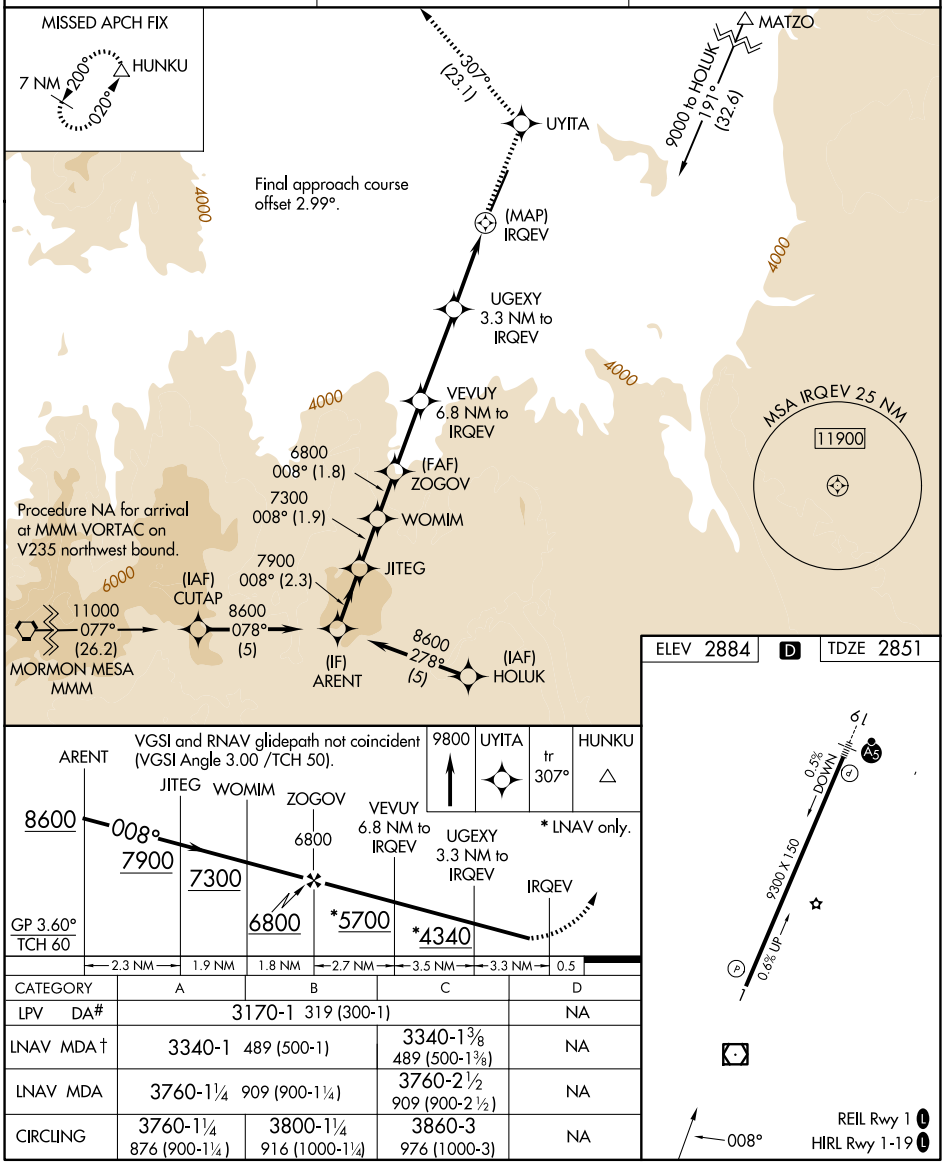
Missed approach requires a minimum climb of 225 feet per NM to 6800.

† Missed approach requires a minimum climb of 220 feet per NM to 6700.

-5°C

MISSED APPROACH: Climb to 9800 direct UYITA and on track 307° to HUNKU and hold, continue climb-in-hold to 9800.

AWOS-3PT	LOS ANGELES CENTER	UNICOM
135.075	124.2 343.6	123.075 (CTAF) L



CATEGORY	A	B	C	D
LPV DA#	3170-1 319 (300-1)			NA
LNAV MDA†	3340-1 489 (500-1)		3340-1⅜ 489 (500-1⅜)	NA
LNAV MDA	3760-1¼ 909 (900-1¼)		3760-2½ 909 (900-2½)	NA
CIRCLING	3760-1¼ 876 (900-1¼)	3800-1¼ 916 (1000-1¼)	3860-3 976 (1000-3)	NA

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

ST GEORGE, UTAH | AL-10546 (FAA) | 26134

RNAV (GPS) RWY 19

ST GEORGE RGNL (SGU)

APP CRS	Rwy Ldg	9300
198°	TDZE	2884
	Apt Elev	2884

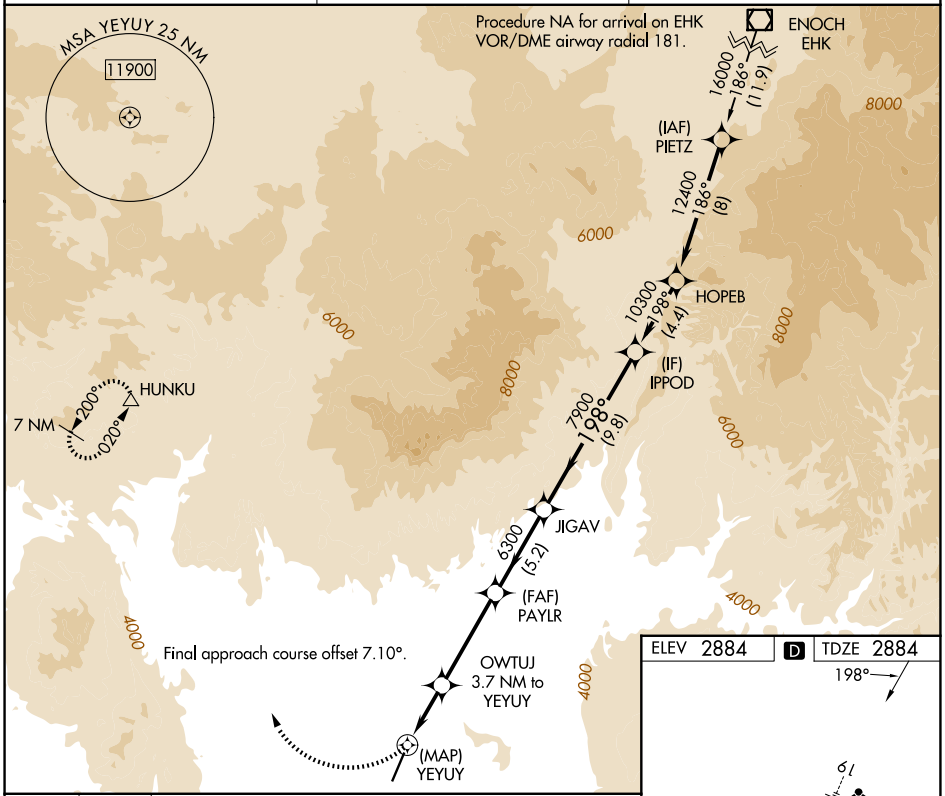
RNP APCH-GPS.

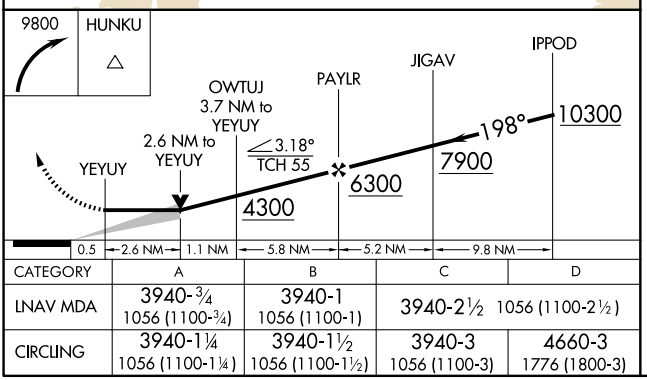
-5°C

MALSR

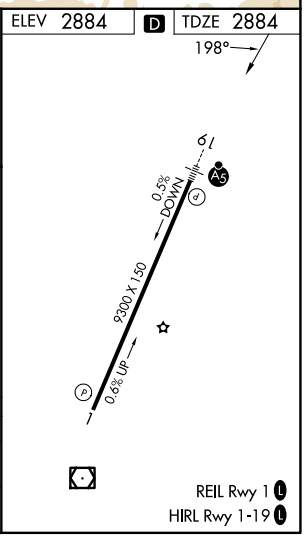
MISSED APPROACH: Climbing right turn to 9800 direct HUNKU and hold, continue climb-in-hold to 9800.

AWOS-3PT	LOS ANGELES CENTER	UNICOM
135.075	124.2 343.6	123.075 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	3940-¾ 1056 (1100-¾)	3940-1 1056 (1100-1)	3940-2½ 1056 (1100-2½)	
CIRCLING	3940-1¼ 1056 (1100-1¼)	3940-1½ 1056 (1100-1½)	3940-3 1056 (1100-3)	4660-3 1776 (1800-3)



ST GEORGE, UTAH
Orig-E 09SEP21

37°02'N-113°31'W

ST GEORGE RGNL (SGU)

RNAV (GPS) RWY 19

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-SGU	APP CRS	Rwy Ldg	9300
110.9	198°	TDZE	2884
Chan 46		Apt Elev	2884

LDA RWY 19

ST GEORGE RGNL (SGU)

NA

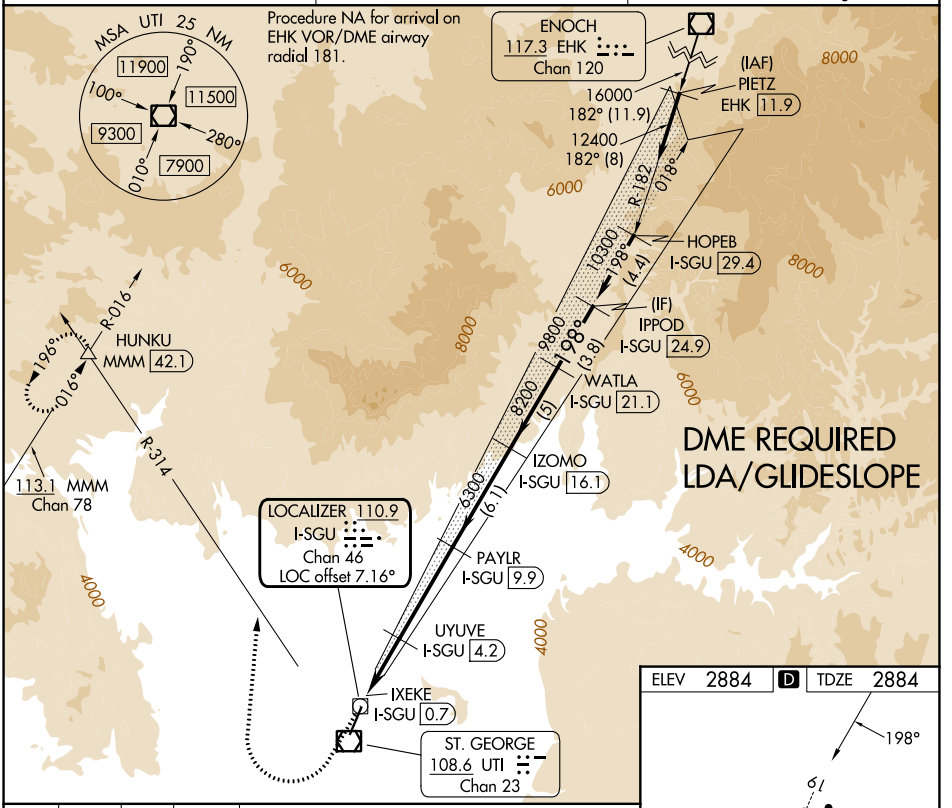
-5°C

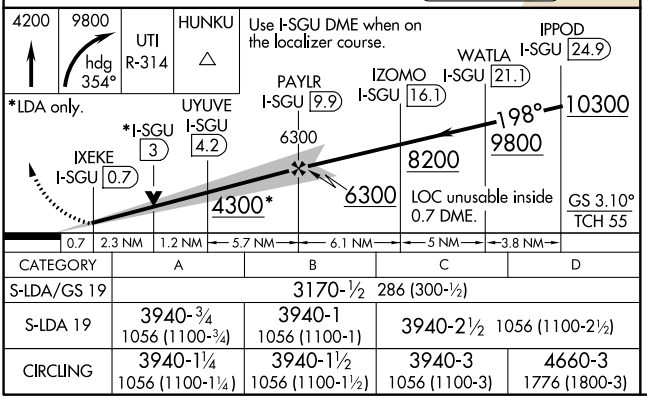
DME required. For inop ALS, increase S-LDA/GS 19 all Cats visibility to ⅞ SM.

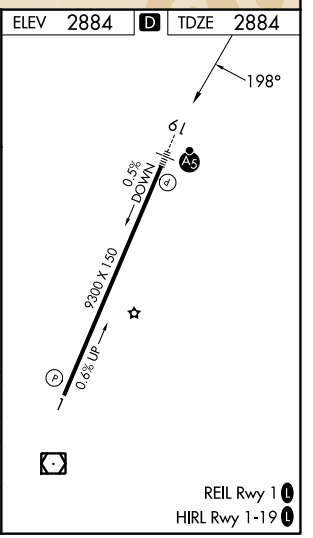
MALSR

MISSED APPROACH: Climb to 4200 then climbing right turn to 9800 on heading 354° and UTI VOR/DME R-314 to HUNKU INT/ MMM 42.1 DME and hold, continue climb-in-hold to 9800.

AWOS-3PT	LOS ANGELES CENTER	UNICOM
135.075	124.2 343.6	123.075 (CTAF) L







CATEGORY	A	B	C	D
S-LDA/GS 19	3170-½ 286 (300-½)			
S-LDA 19	3940-¾ 1056 (1100-¾)	3940-1 1056 (1100-1)	3940-2½ 1056 (1100-2½)	
CIRCLING	3940-1¼ 1056 (1100-1¼)	3940-1½ 1056 (1100-1½)	3940-3 1056 (1100-3)	4660-3 1776 (1800-3)

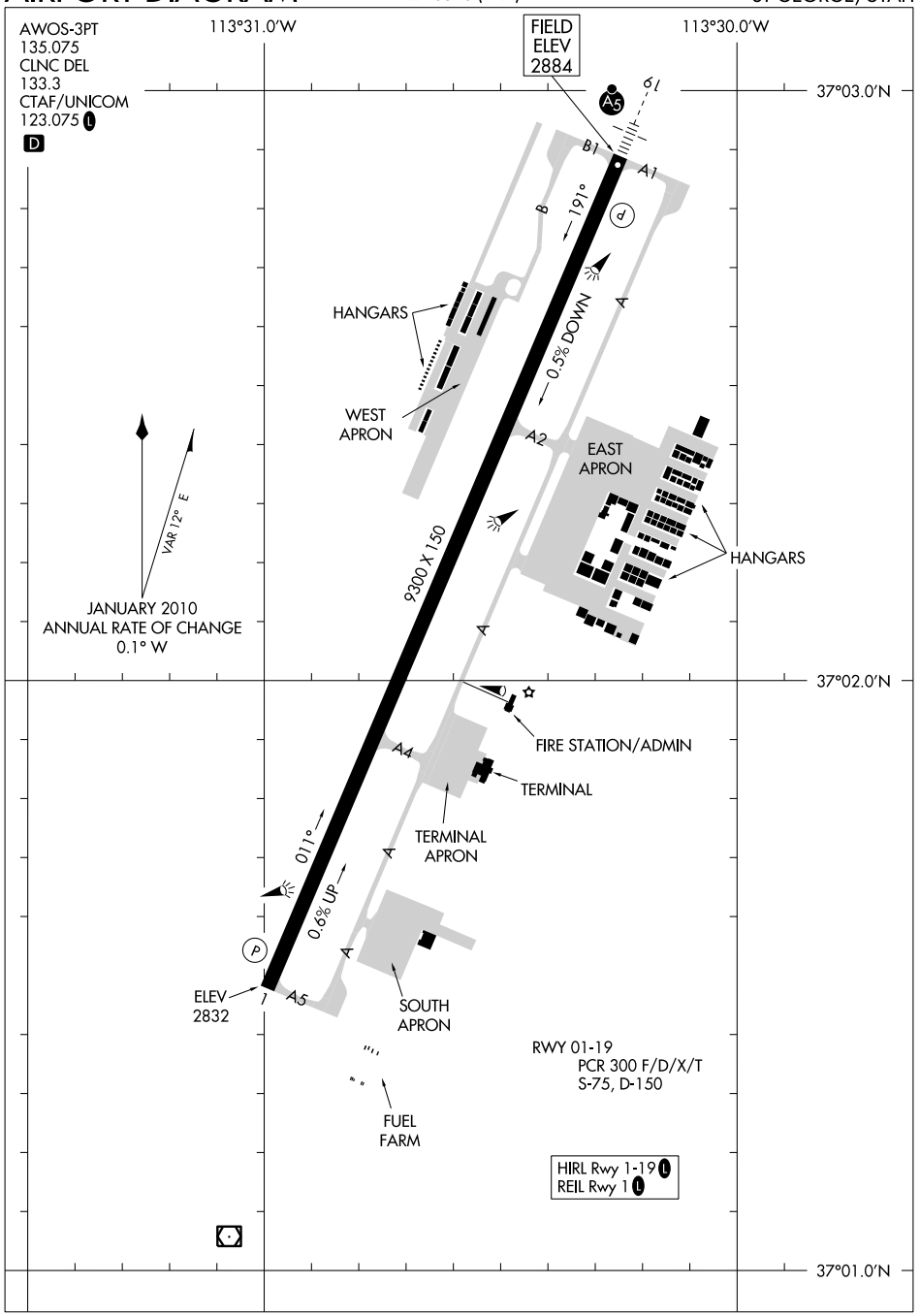
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26190

AIRPORT DIAGRAM

AL-10546 (FAA)

ST GEORGE RGNL (SGU)
ST GEORGE, UTAH

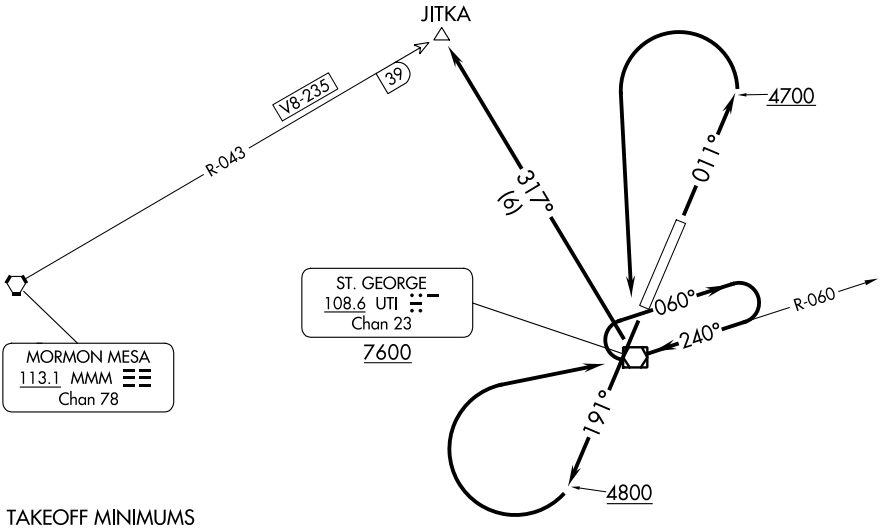


SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26190
ST GEORGE, UTAH
ST GEORGE RGNL (SGU)

LOS ANGELES CENTER
124.2 343.6
AWOS-3
135.075



TAKEOFF MINIMUMS

Rwy 1: Obtain ATC approval for VCOA when requesting IFR clearance. Standard with minimum climb of 330' per NM to 5400 or 6300-3 for climb in visual conditions.

Rwy 19: Obtain ATC approval for VCOA when requesting IFR clearance. Standard with minimum climb of 380' per NM to 6100 or 6300-3 for climb in visual conditions.

TAKEOFF OBSTACLE NOTES

Rwy 1: Terrain beginning 2.2 NM from DER, 3898' right of centerline, up to 3490' MSL.

Rwy 19: Terrain 509' from DER, 44' left of centerline, 2845' MSL.
Terrain beginning 182' from DER, 64' right of centerline, up to 2856' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 011° to 4700, then climbing left turn direct UTI VOR/DME, thence. . . . or, climb in visual conditions to cross St George Rgnl Airport at or above 9000, then proceed on course.

TAKEOFF RUNWAY 19: Climb heading 191° to 4800, then climbing right turn direct UTI VOR/DME, thence. . . . or, climb in visual conditions to cross St George Rgnl Airport at or above 9000, then proceed on course.

. . . . continue climb in UTI VOR/DME holding pattern, to cross UTI VOR/DME at or above 7600, then on UTI VOR/DME R-317 to JITKA INT/MMM VORTAC 39 DME, then proceed on course.

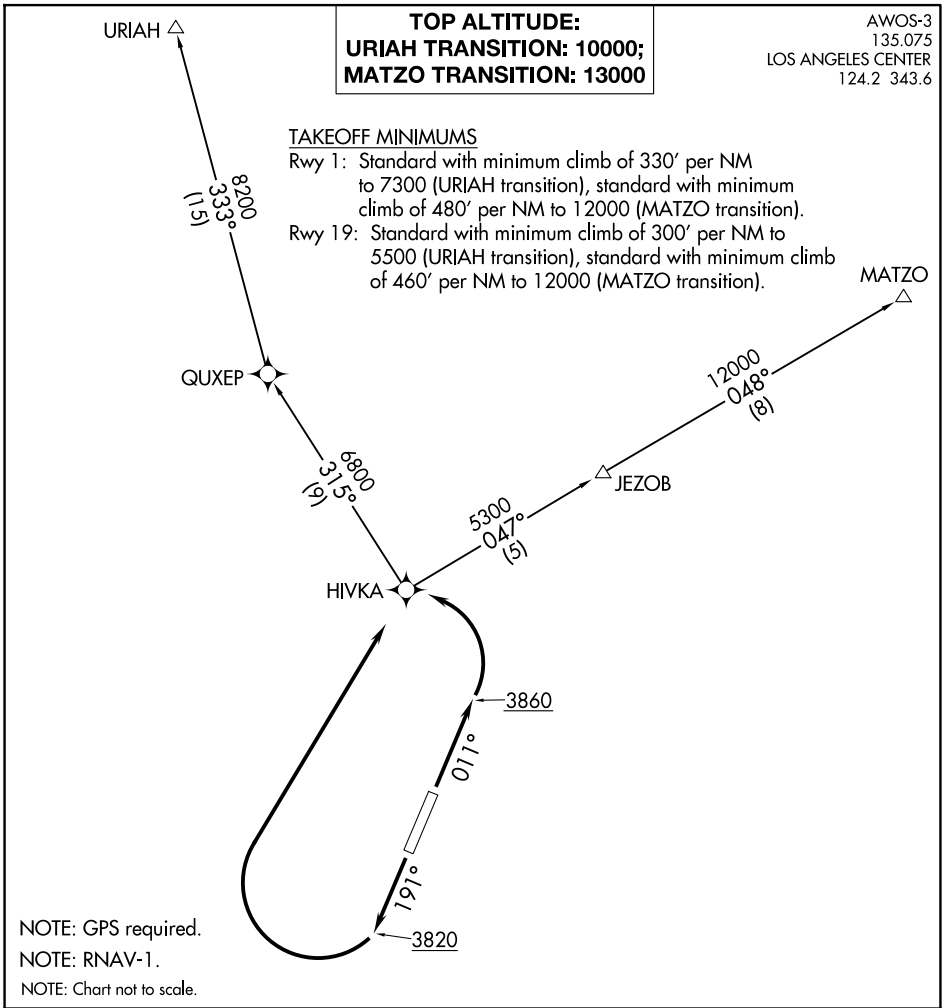
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(HIVKA2.HIVKA) 18312

HIVKA TWO DEPARTURE (RNAV)

AL-10546 (FAA)

ST GEORGE RGNL (SGU)
ST GEORGE, UTAH



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 011° to 3860, then climbing left turn direct HIVKA, thence. . . .

TAKEOFF RUNWAY 19: Climb heading 191° to 3820, then climbing right turn direct HIVKA, thence. . . .

. . . .(transition).

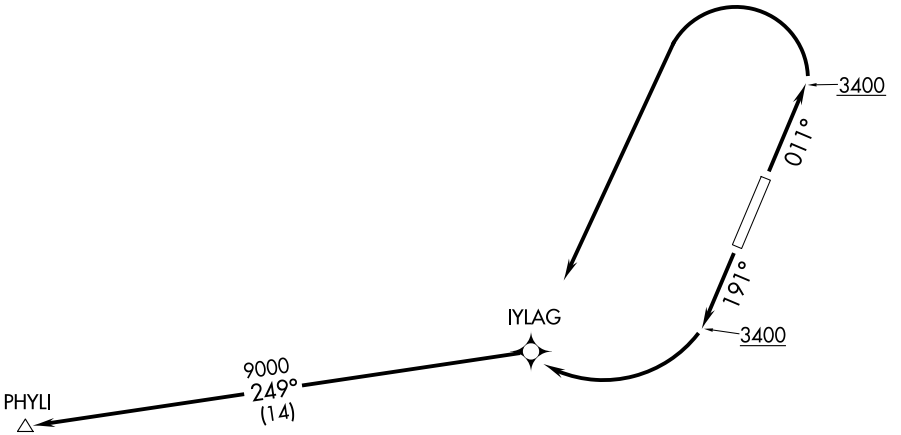
MATZO TRANSITION (HIVKA2.MATZO)

URIAH TRANSITION (HIVKA2.URIAH)

SW-4, 03 SEP 2026 to 29 OCT 2026

AWOS-3
135.075
LOS ANGELES CENTER
124.2 343.6

TOP ALTITUDE: 9000



NOTE: GPS required.

NOTE: RNAV-1.

TAKEOFF MINIMUMS

Rwy 1: Standard with minimum climb of 245′ per NM to 3800.

Rwy 19: Standard with minimum climb of 240′ per NM to 5900.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 011° to 3400 then climbing left turn to 9000 (or higher assigned altitude) direct IYLAG and on track 249° to PHYLI.

TAKEOFF RUNWAY 19: Climb heading 191° to 3400 then climbing right turn to 9000 (or higher assigned altitude) direct IYLAG and on track 249° to PHYLI.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

ST JOHNS, ARIZONA AL-6586 (FAA) 26190

WAAS CH 49224 W14A	APP CRS 136°	Rwy Ldg 5322 TDZE 5736 Apt Elev 5737

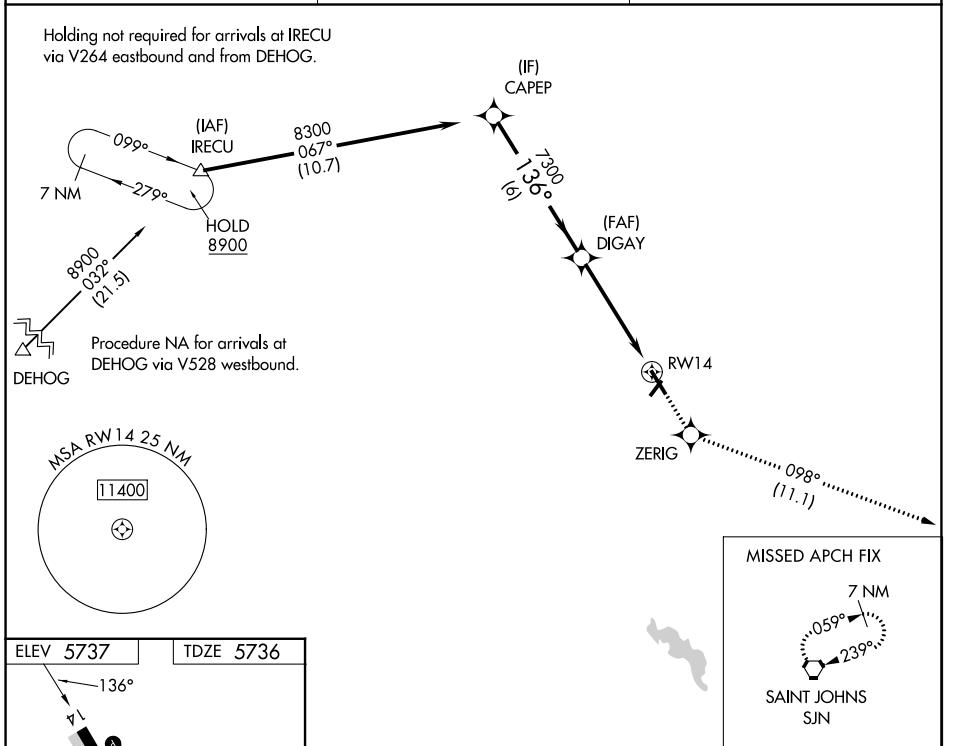
RNAV (GPS) RWY 14

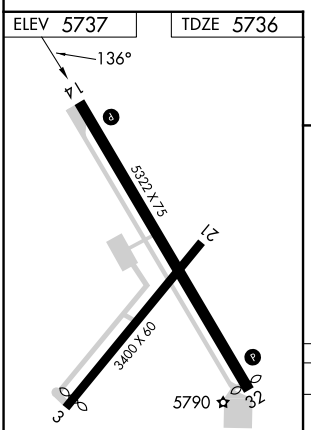
ST JOHNS INDUSTRIAL AIR PARK (SJN)

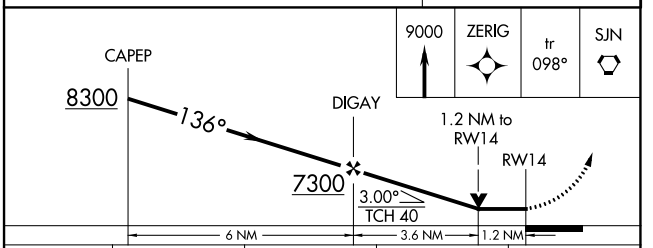
Night landing Rwy 3, 32 NA. When local altimeter setting not received, use Show Low altimeter setting and increase all MDA 180 feet. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. VDP NA with Show Low altimeter setting.

MISSED APPROACH: Climb to 9000 direct ZERIG and on track 098° to SJN VORTAC and hold, continue climb-in-hold to 9000.

ASOS	ALBUQUERQUE CENTER	UNICOM
134.225	124.325 288.25	122.8 (CTAF) L







CATEGORY	A	B	C	D
LP MDA	6140-1 404 (500-1)		NA	
LNAV MDA	6140-1 404 (500-1)		NA	
CIRCLING	6260-1 523 (600-1)	6280-1 543 (600-1)	NA	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH **42643** **W32A**	APP CRS **316°**	Rwy Ldg **5230** TDZE **5737** Apt Elev **5737**

RNAV (GPS) RWY 32

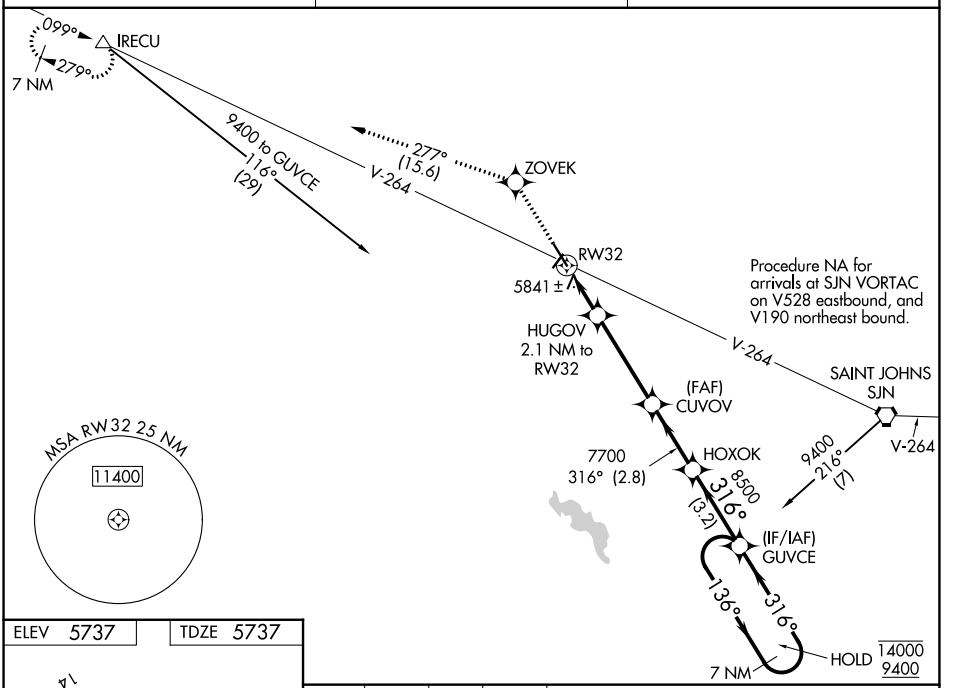
ST JOHNS INDUSTRIAL AIR PARK (SJN)

RNP APCH.

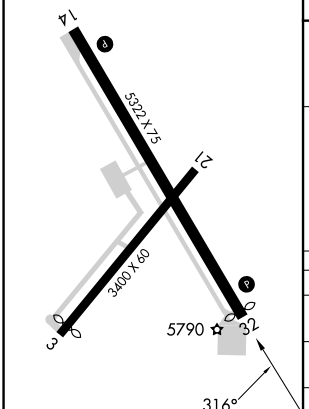
Rwy 32 helicopter visibility reduction below 1 SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C or above 54°C. Rwy 32 Straight-in NA at night. Circling Rwy 3, 32 NA at night.

MISSED APPROACH: Climb to 9400 direct ZOVEK and on track 277° to IRECU and hold.

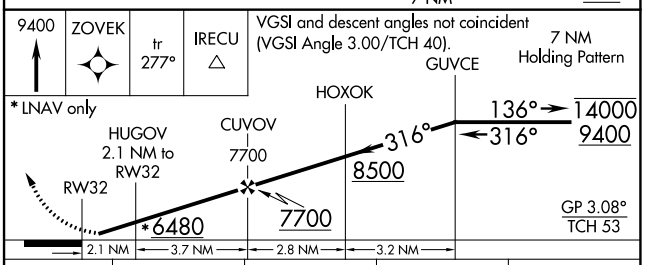
ASOS	ALBUQUERQUE CENTER	UNICOM
134.225	**124.325 288.25**	**122.8** (CTAF) L



ELEV 5737	TDZE 5737



REIL Rwys 14 and 32 L
MIRL Rwys 3-21 and 14-32 L



CATEGORY	A	B	C	D
LPV DA	5987-1 250 (300-1)		NA	
LNAV/VNAV DA	6167-1¼ 430 (500-1¼)		NA	
LNAV MDA	6140-1 403 (500-1)		NA	
CIRCLING	6260-1 523 (600-1)	6280-1 543 (600-1)	NA	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH AL-365 (FAA) 26190

ILS or LOC RWY 16L
SALT LAKE CITY INTL (SLC)

LOC/DME I-MOY	APP CRS	Rwy Ldg 12002
109.5	164°	TDZE 4231
Chan 32		Apt Elev 4231

RNP APCH-GPS. From EKKHO.

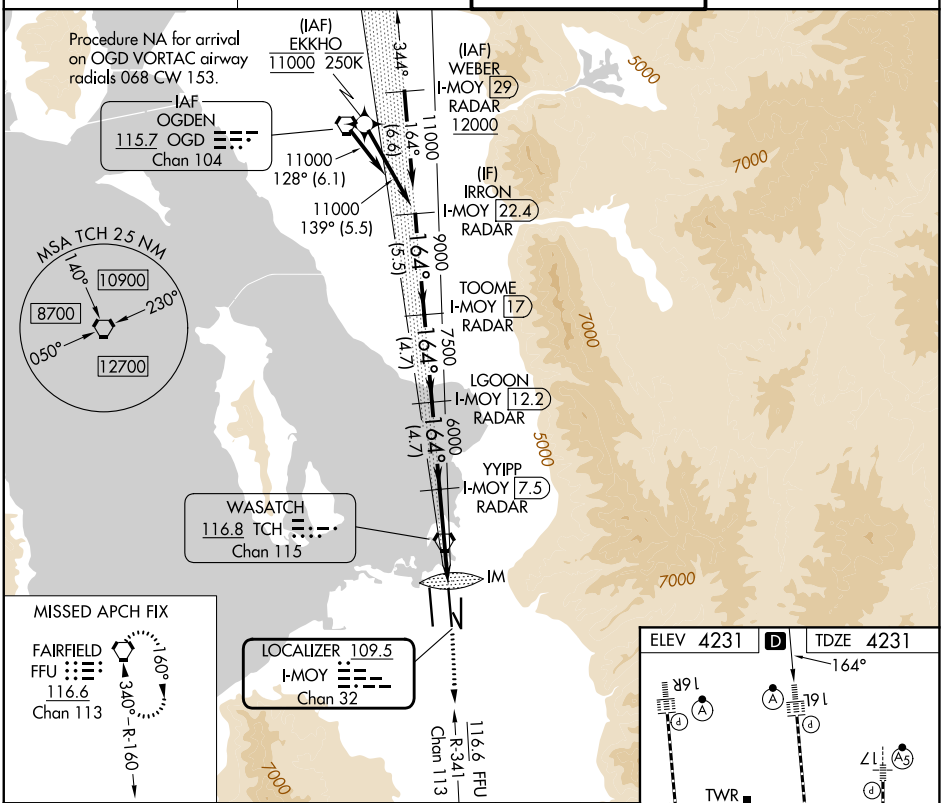
DME or RADAR required. RADAR required for procedure entry at WEBER.

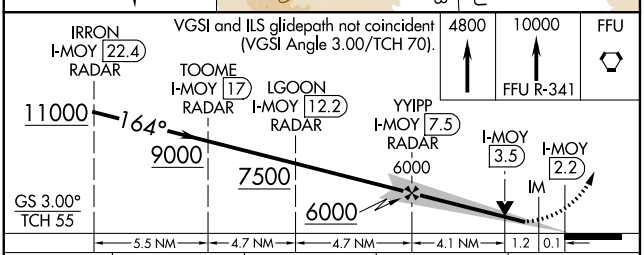
Simultaneous approach authorized.
For inop ALS, increase S-LOC 16L Cat C/D visibility to 1⅜ SM.

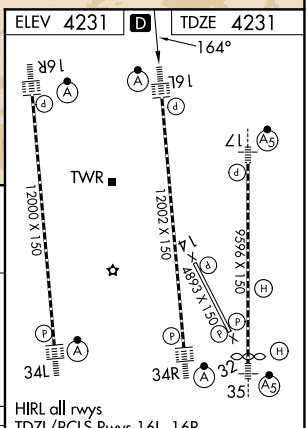
ALSF-2

MISSED APPROACH: Climb to 4800 then climb to 10000 on FFU VORTAC R-341 to FFU VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	119.05 257.8	123.775 348.6







HIRL all rwys
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35

CATEGORY	A	B	C	D
S-ILS 16L	4431/18 200 (200-½)			
S-LOC 16L	4720/24 489 (500-½)		4720/50 489 (500-1)	

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH 40°47′N-111°59′W
Amdt 4A 14MAY26

SALT LAKE CITY INTL (SLC)
ILS or LOC RWY 16L

ILS or LOC RWY 16R

SALT LAKE CITY INTL (SLC)

LOC/DME I-UAT	APP CRS	Rwy Ldg	12000
111.9	164°	TDZE	4226
Chan 56		Apt Elev	4231

RNP APCH - GPS. From EKKHO or WEBER.

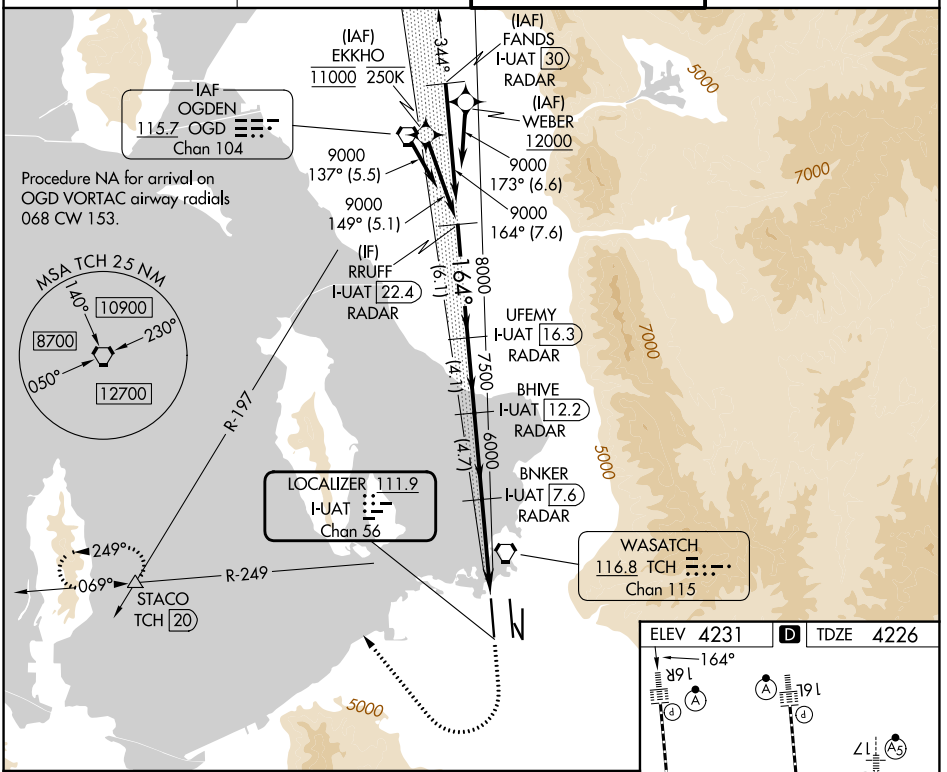
DME or RADAR required.

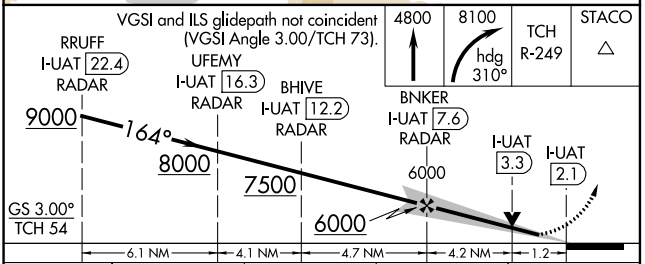
Simultaneous approach authorized. For inop ALS, increase S-LOC 16R Cat A and B visibilities to RVR 5500, and Cat C and D visibilities to 1⅜ SM.

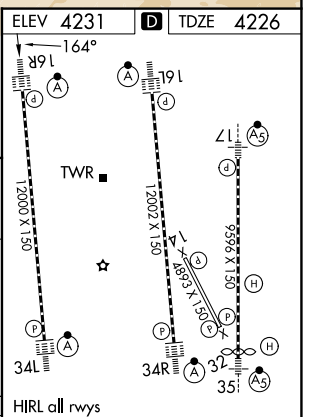
ALSF-2

MISSED APPROACH: Climb to 4800 then climbing right turn to 8100 on heading 310° and on TCH VORTAC R-249 to STACO INT/TCH 20 DME and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6







CATEGORY	A	B	C	D
S-ILS 16R	4426/18 200 (200-½)			
S-LOC 16R	4680/24 454 (500-½)		4680/45 454 (500-⅞)	

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH | AL-365 (FAA) | 26190

ILS or LOC RWY 17

SALT LAKE CITY INTL (SLC)

LOC/DME I-BNT	APP CRS	Rwy Ldg	9596
111.5	169°	TDZE	4222
Chan 52		Apt Elev	4231

RNP APCH-GPS. From WEBER or EKKHO.

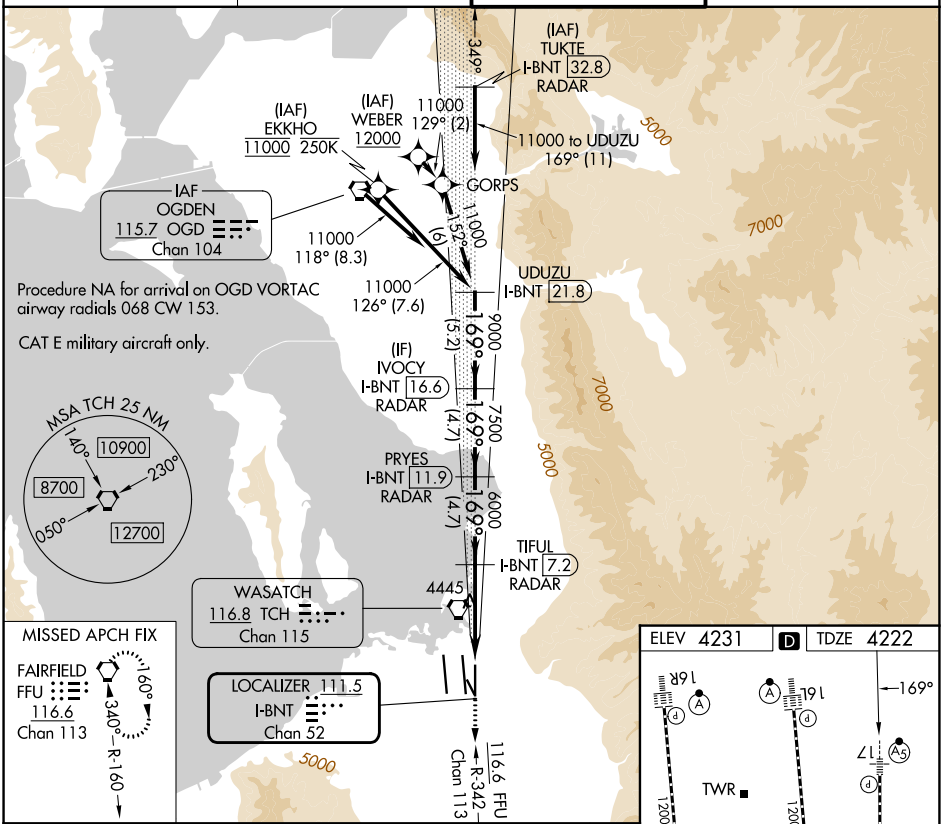
DME or RADAR required. RADAR required for procedure entry at TUKTE.

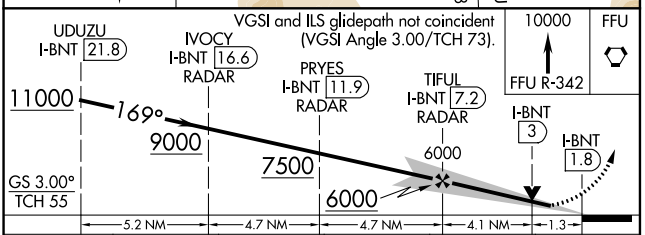
Simultaneous approach authorized. For inop ALS, increase S-ILS 17 Cat E visibility to RVR 4000, increase S-LOC 17 Cat C/D/E visibility to 1⅜ SM.

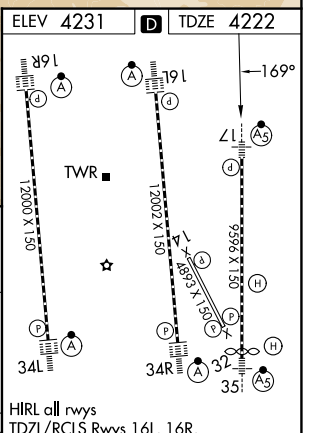
MALSR

MISSED APPROACH: Climb to 10000 on FFU VORTAC R-342 to FFU VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	118.3 257.8	121.9 348.6







CATEGORY	A	B	C	D	E
S-ILS 17	4422/18 200 (200-½)				
S-LOC 17	4700/24 478 (500-½)		4700/50 478 (500-1)		

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

SALT LAKE CITY, UTAH
Amdt 15A 14MAY26

40°47'N-111°59'W

SALT LAKE CITY INTL (SLC)

ILS or LOC RWY 17

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ILS or LOC RWY 34L

SALT LAKE CITY INTL (SLC)

LOC/DME I-UUH	APP CRS	Rwy Ldg	12000
111.9	344°	TDZE	4229
Chan 56		Apt Elev	4231

RNP APCH-GPS. From QWENN or JAZZZ.

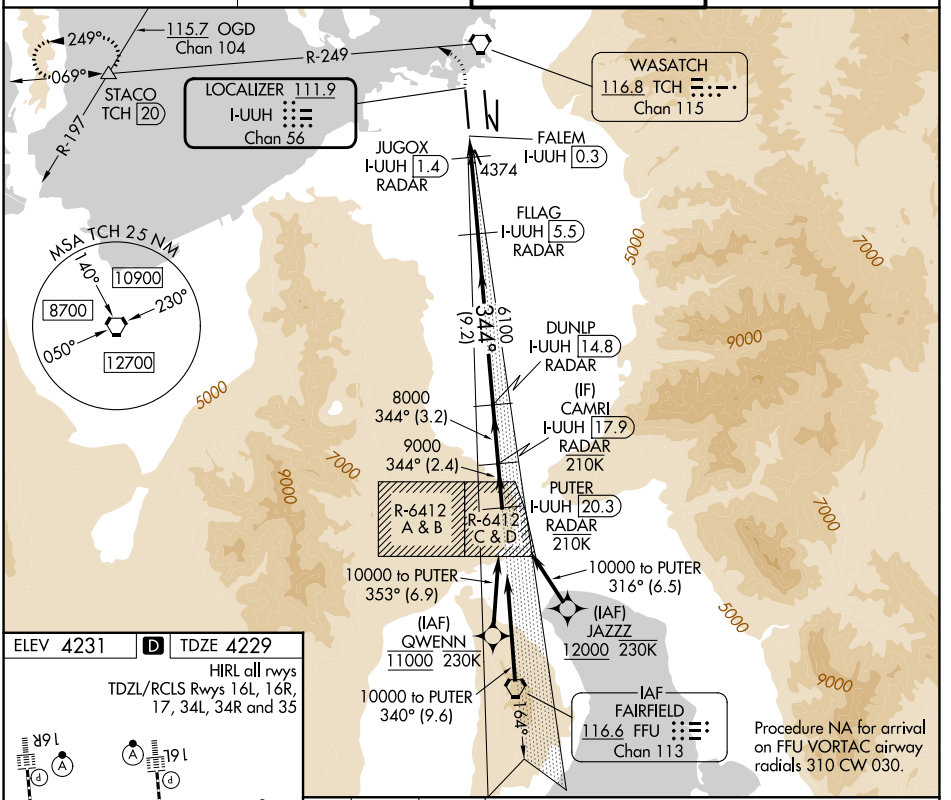
DME or RADAR required.

Simultaneous approach authorized. For inop ALS, increase S-LOC 34L Cat C/D visibility to RVR 6000.

ALSF-2

MISSED APPROACH: Climb to 4800 then climbing left turn to 8100 on TCH VORTAC R-249 to STACO INT/TCH 20 DME and hold.

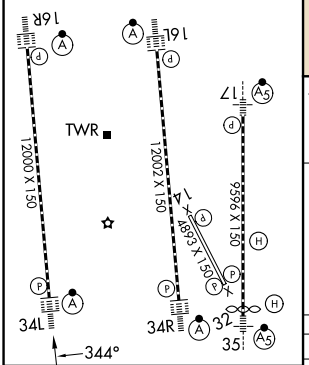
D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6



ELEV 4231 D TDZE 4229

HIRL all rwys

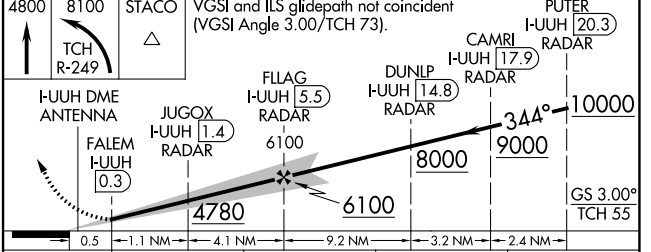
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35



FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

4800 | 8100 TCH R-249 | STACO

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 73).



CATEGORY	A	B	C	D
S-ILS 34L	4429/18 200 (200-½)			
S-LOC 34L	4640/24 411 (500-½)		4640/40 411 (500-¾)	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH AL-365 (FAA) 26190

ILS or LOC RWY 34R

SALT LAKE CITY INTL (SLC)

LOC/DME I-SLC 109.5 Chan 32	APP CRS 344°	Rwy Ldg 12002 TDZE 4225 Apt Elev 4231

RNP APCH-GPS. From QWENN or JAZZZ.

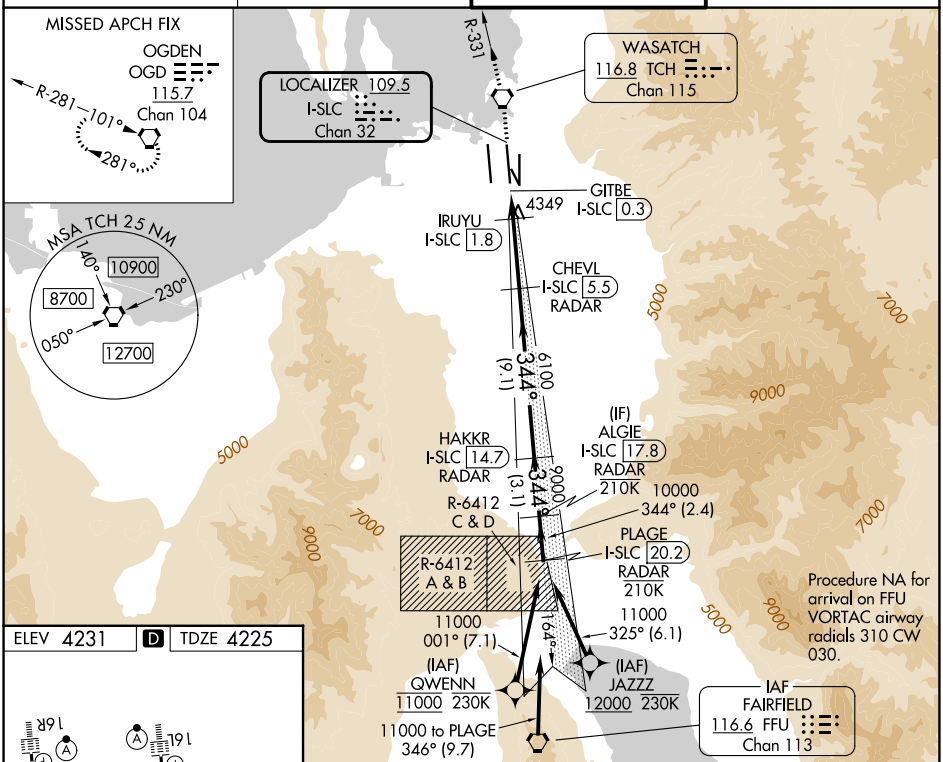
DME required for LOC only. DME or RADAR required.

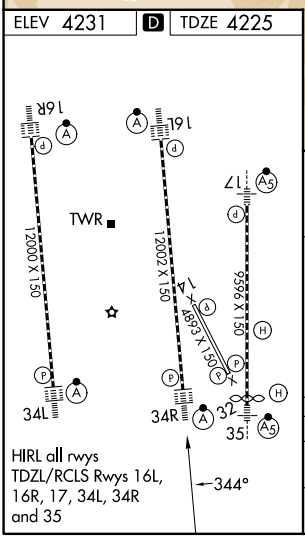
T Simultaneous approach authorized. For inop ALS, increase S-LOC 34R Cat C/D visibility to RVR 5500.

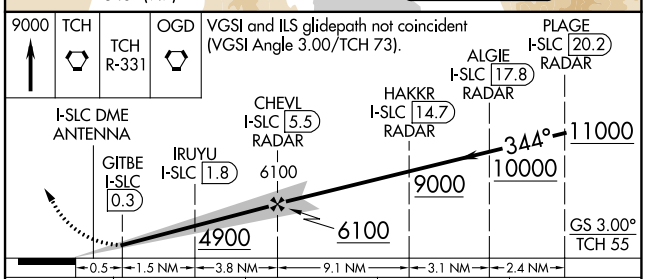
ALSF-2

MISSED APPROACH: Climb to 9000 direct TCH VORTAC and on TCH VORTAC R-331 to OGD VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	119.05 257.8	123.775 348.6







CATEGORY	A	B	C	D
S-ILS 34R	4425/18 200 (200-½)			
S-LOC 34R	4600/24 375 (400-½)		4600/35 375 (400-⅝)	

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH
Amdt 6 14MAY26

40°47′N-111°59′W

SALT LAKE CITY INTL (SLC)

ILS or LOC RWY 34R

ILS RWY 16R (SA CAT I)

SALT LAKE CITY INTL (SLC)

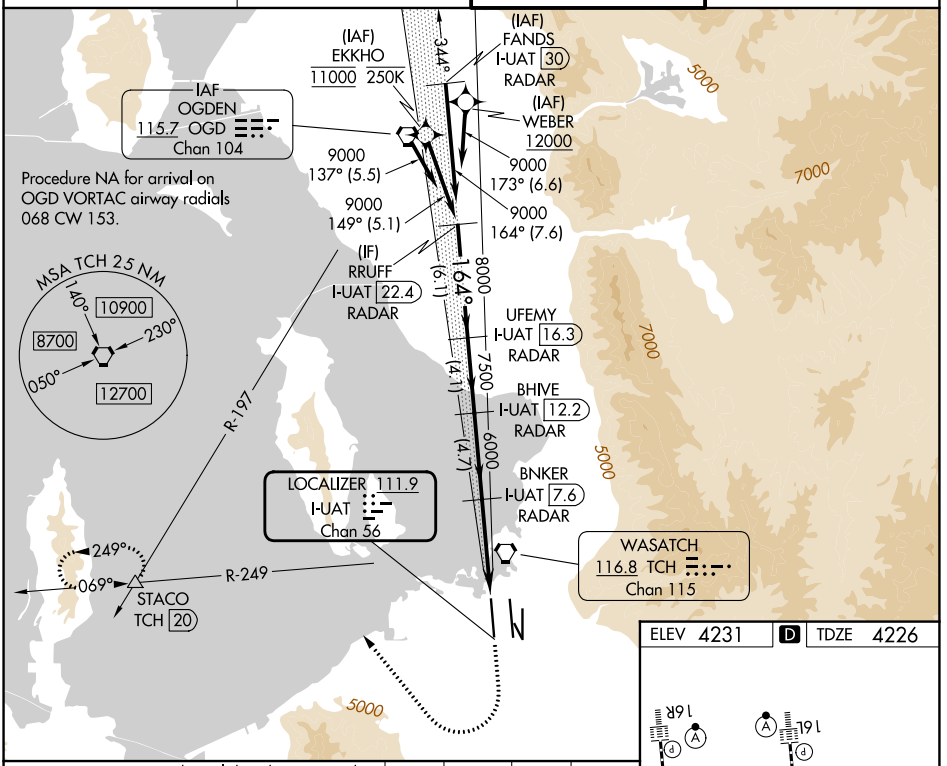
LOC/DME I-UAT	APP CRS	Rwy Ldg	12000
111.9	164°	TDZE	4226
Chan 56		Apt Elev	4231

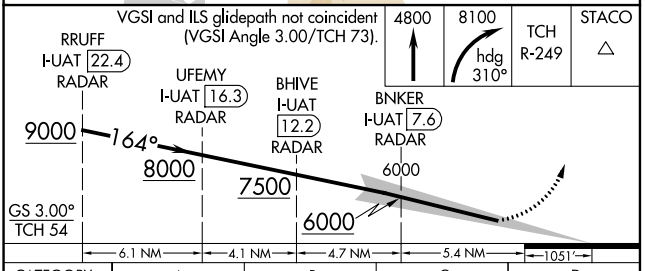
RNP APCH - GPS. From EKKHO or WEBER.
DME or RADAR required.
Simultaneous approach authorized.
Requires specific OPSPEC, MSPEC, or LOA approval.

ALSF-2

MISSED APPROACH: Climb to 4800 then climbing right turn to 8100 on heading 310° and on TCH VORTAC R-249 to STACO INT/TCH 20 DME and hold.

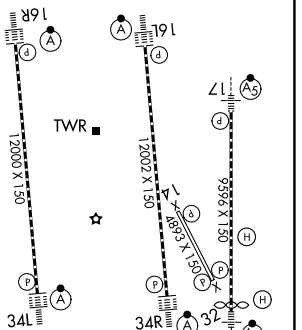
D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6





CATEGORY	A	B	C	D
S-ILS 16R	RA 154/14 150 DA 4376			

ELEV 4231 D TDZE 4226



HIRL all rwys
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R, and 35

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH | AL-365 (FAA) | 26190

ILS RWY 34L (SA CAT I)

SALT LAKE CITY INTL (SLC)

LOC/DME I-UUH	APP CRS	Rwy Ldg	12000
111.9	344°	TDZE	4229
Chan 56		Apt Elev	4231

RNP APCH-GPS. From QWENN or JAZZZ.

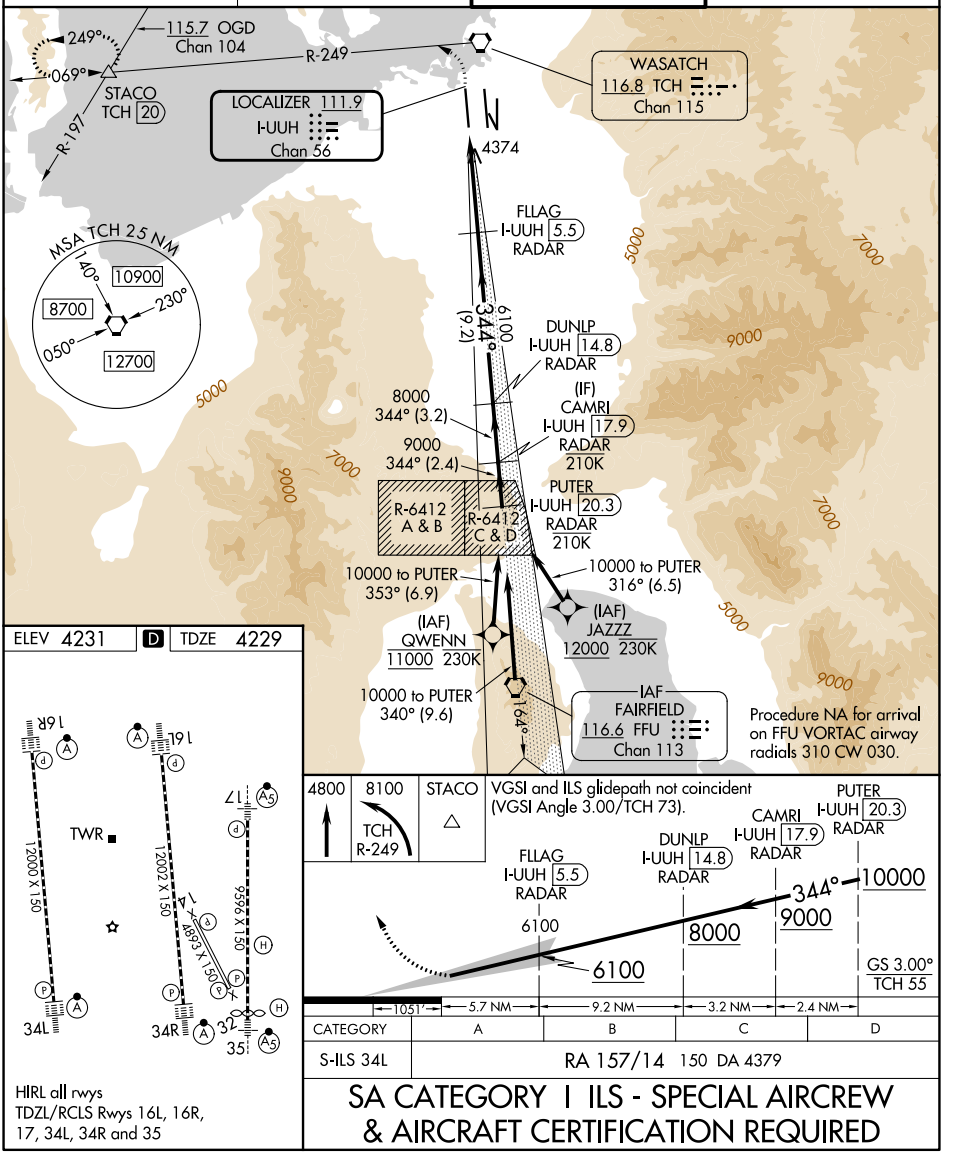
DME or RADAR required.

Simultaneous approach authorized. Requires specific OPSPEC, MSPEC, or LOA approval.

ALSF-2

MISSED APPROACH: Climb to 4800 then climbing left turn to 8100 on TCH VORTAC R-249 to STACO INT/TCH 20 DME and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6



HIRL all rwys
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35

CATEGORY	A	B	C	D
S-ILS 34L	RA 157/14 150 DA 4379			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SALT LAKE CITY, UTAH
Amdt 5 14MAY26

40°47'N-111°59'W

SALT LAKE CITY INTL (SLC)

ILS RWY 34L (SA CAT I)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-SLC	APP CRS	Rwy Ldg 12002
109.5	344°	TDZE 4225
Chan 32		Apt Elev 4231

ILS RWY 34R (SA CAT I)

SALT LAKE CITY INTL (SLC)

RNP APCH-GPS. From QWENN or JAZZZ.

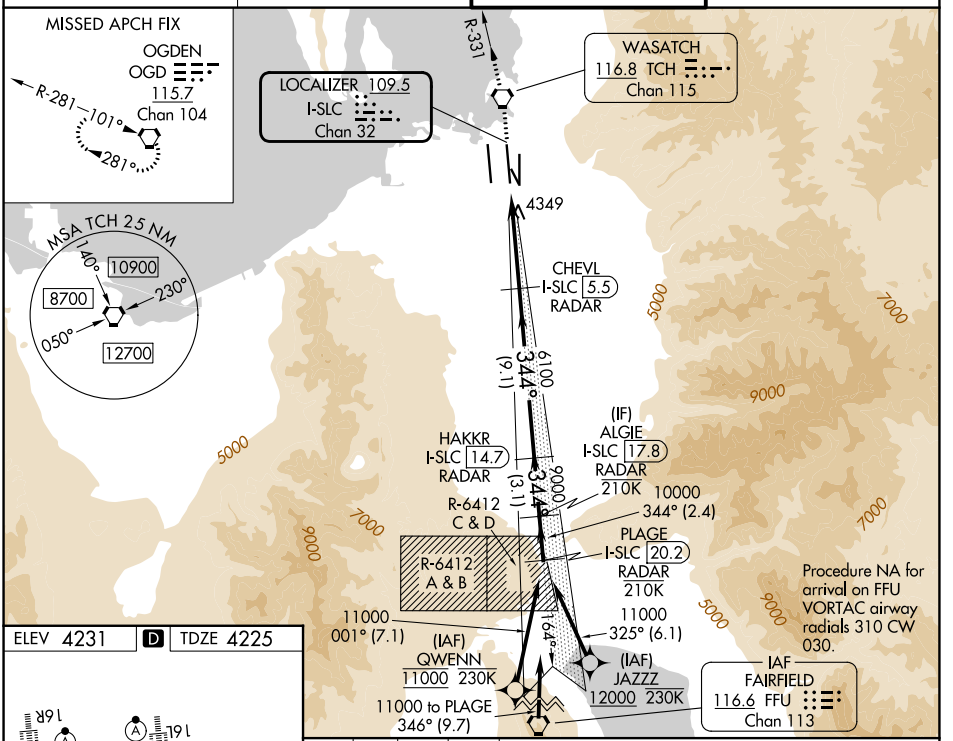
DME required for LOC only. DME or RADAR required.

Simultaneous approach authorized. Requires specific OPSPEC, MSPEC, or LOA approval.

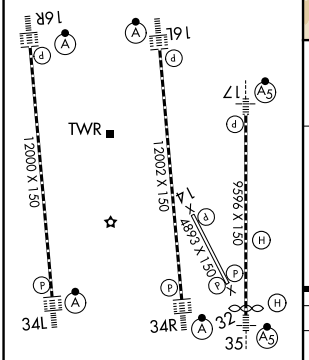
ALSF-2

MISSED APPROACH: Climb to 9000 direct TCH VORTAC and on TCH VORTAC R-331 to OGD VORTAC and hold.

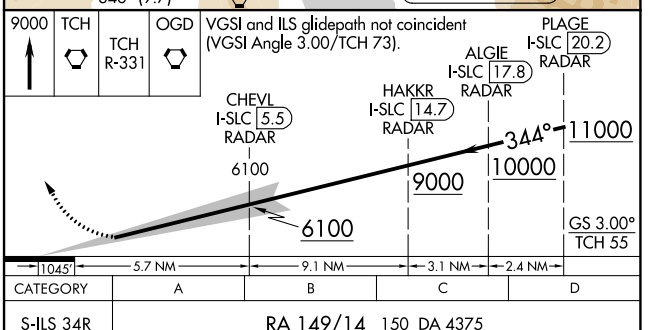
D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	119.05 257.8	123.775 348.6



ELEV 4231 D TDZE 4225



HIRL all rwys
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35



CATEGORY	A	B	C	D
S-ILS 34R	RA 149/14 150 DA 4375			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH | AL-365 (FAA) | 26190

ILS RWY 17 (SA CAT I & II)

SALT LAKE CITY INTL (SLC)

LOC/DME I-BNT	APP CRS	Rwy Ldg	9596
111.5	169°	TDZE	4222
Chan 52		Apt Elev	4231

RNP APCH-GPS. From WEBER or EKKHO.

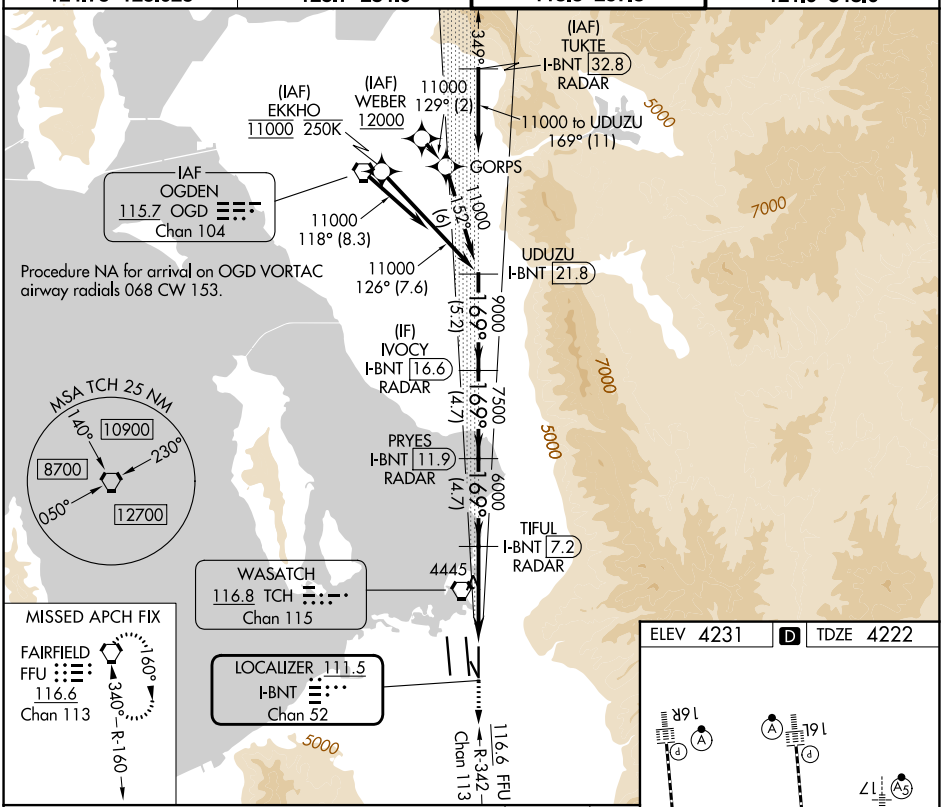
DME or RADAR required. RADAR required for procedure entry at TUKTE.

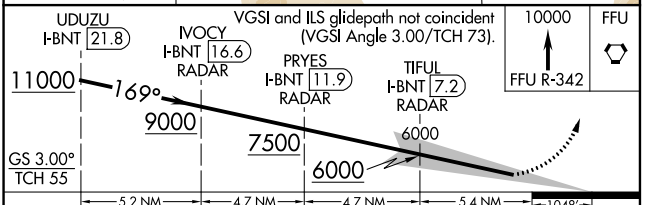
Simultaneous approach authorized. SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH. SA CAT II: Reduced lighting: Requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

MALSR

MISSED APPROACH: Climb to 10000 on FFU VORTAC R-342 to FFU VORTAC and hold.

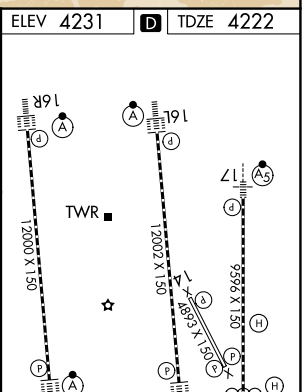
D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	118.3 257.8	121.9 348.6





CATEGORY	A	B	C	D
S-ILS 17	SA CAT I RA 150/14 150 DA 4372			
S-ILS 17	SA CAT II RA 100/12 100 DA 4322			

SA CATEGORY I & II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



HIRL all rwys
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35

SALT LAKE CITY, UTAH
Amdt 15A 14MAY26

40°47'N-111°59'W

SALT LAKE CITY INTL (SLC)

ILS RWY 17 (SA CAT I & II)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-MOY	APP CRS	Rwy Ldg 12002
109.5	164°	TDZE 4231
Chan 32		Apt Elev 4231

ILS RWY 16L (CAT II & III)

SALT LAKE CITY INTL (SLC)

RNP APCH - GPS. From EKKHO.

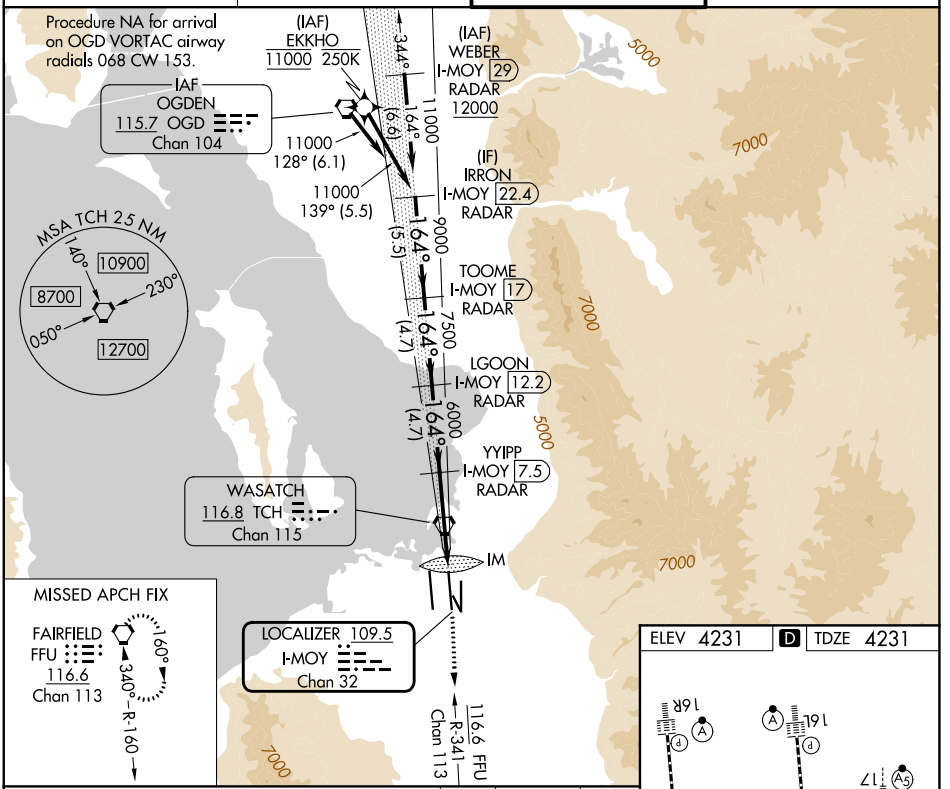
DME or RADAR required. RADAR required for procedure entry at WEBER.

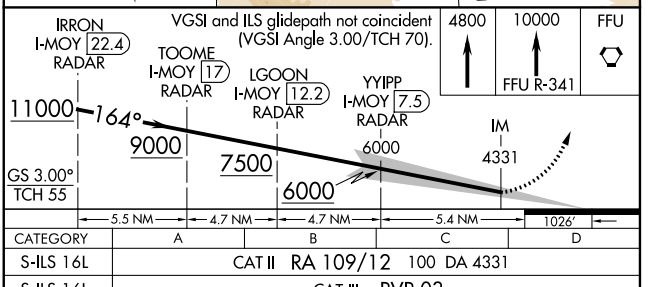
T Simultaneous approach authorized. CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

MISSED APPROACH: Climb to 4800 then climb to 10000 on FFU VORTAC R-341 to FFU VORTAC and hold.

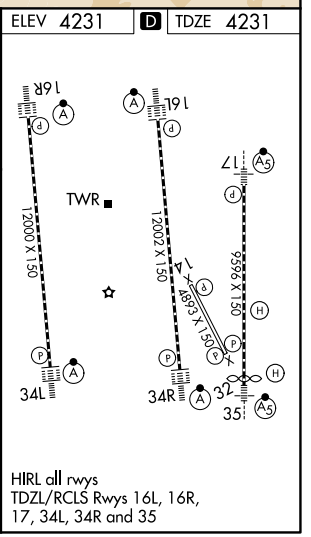
D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	119.05 257.8	123.775 348.6





CATEGORY	A	B	C	D
S-ILS 16L	CAT II RA 109/12 100 DA 4331			
S-ILS 16L	CAT III RVR 03			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



HIRL all rwys
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH | AL-365 (FAA) | 26190

LOC/DME I-UAT	APP CRS	Rwy Ldg	TDZE	Apt Elev
111.9 Chan 56	164°	12000	4226	4231

ILS RWY 16R (CAT II & III)

SALT LAKE CITY INTL (SLC)

RNP APCH - GPS. From EKKHO or WEBER.

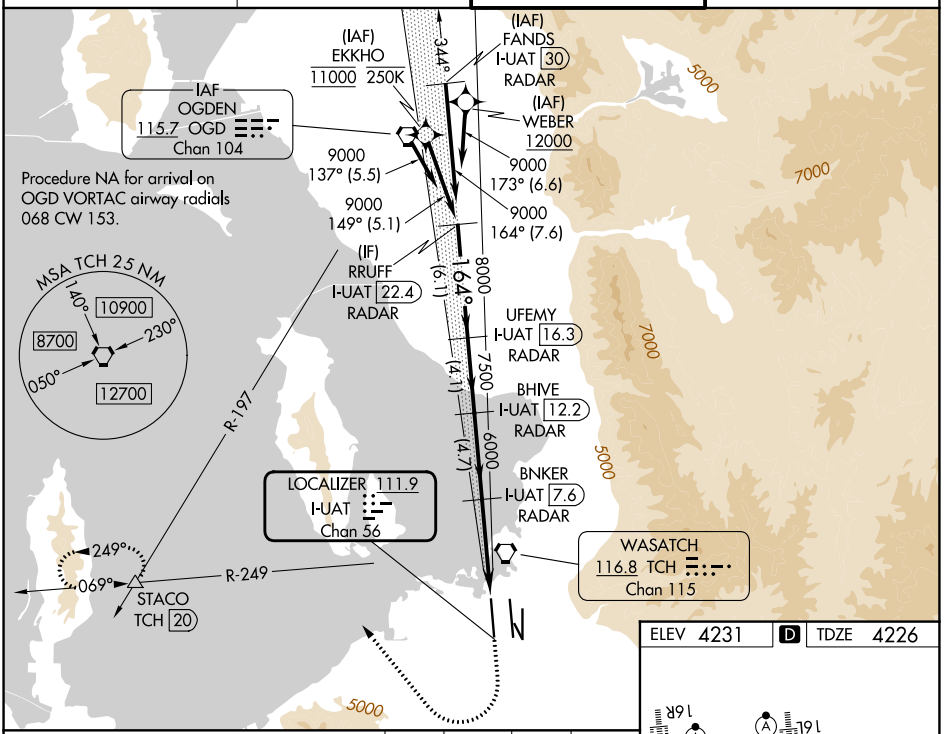
DME or RADAR required.

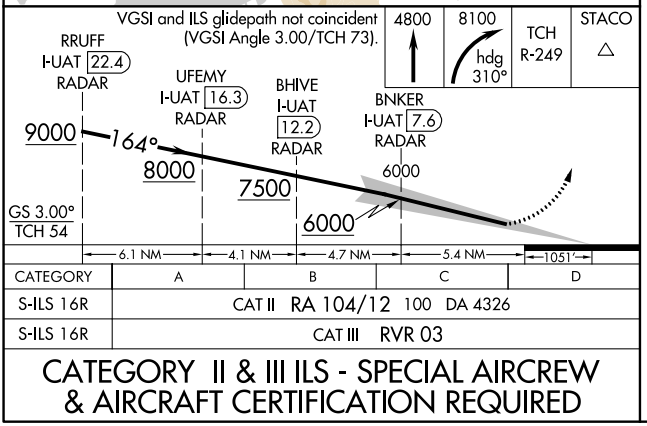
Simultaneous approach authorized. CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

MISSED APPROACH: Climb to 4800 then climbing right turn to 8100 on heading 310° and on TCH VORTAC R-249 to STACO INT/TCH 20 DME and hold.

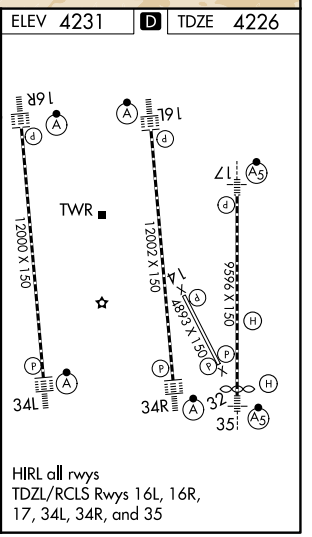
D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6





CATEGORY	A	B	C	D
S-ILS 16R	CAT II RA 104/12 100 DA 4326			
S-ILS 16R	CAT III RVR 03			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



SALT LAKE CITY, UTAH
Amdt 4 20FEB25

40°47'N-111°59'W

SALT LAKE CITY INTL (SLC)
ILS RWY 16R (CAT II & III)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ILS RWY 34L (CAT II & III)

SALT LAKE CITY INTL (SLC)

LOC/DME I-UUH	APP CRS	Rwy Ldg	12000
111.9	344°	TDZE	4229
Chan 56		Apt Elev	4231

RNP APCH-GPS. From QWENN or JAZZZ.

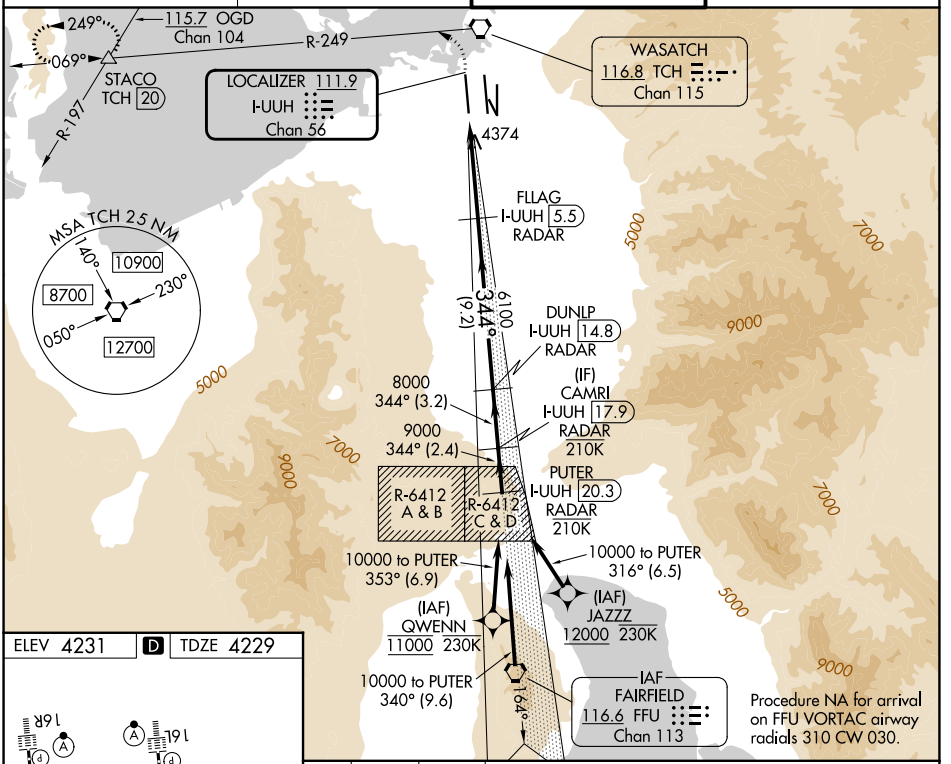
DME or RADAR required.

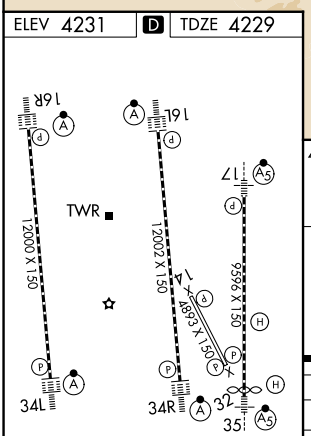
Simultaneous approach authorized. CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

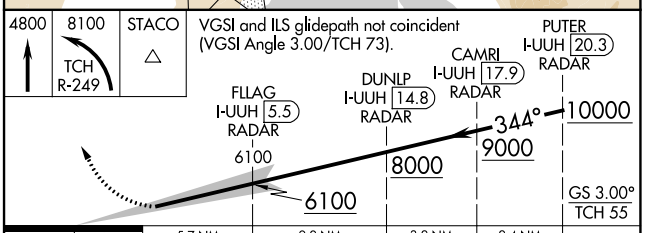
MISSED APPROACH: Climb to 4800 then climbing left turn to 8100 on TCH VORTAC R-249 to STACO INT/TCH 20 DME and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6





HIRL all rwys
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35



CATEGORY	A	B	C	D
S-ILS 34L	CAT II RA 103/12 100 DA 4329			
S-ILS 34L	CAT III RVR 03			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH AL-365 (FAA) 26190

ILS RWY 34R (CAT II & III)

SALT LAKE CITY INTL (SLC)

LOC/DME I-SLC 109.5 Chan 32	APP CRS 344°	Rwy Ldg 12002 TDZE 4225 Apt Elev 4231

RNP APCH-GPS. From QWENN or JAZZZ.

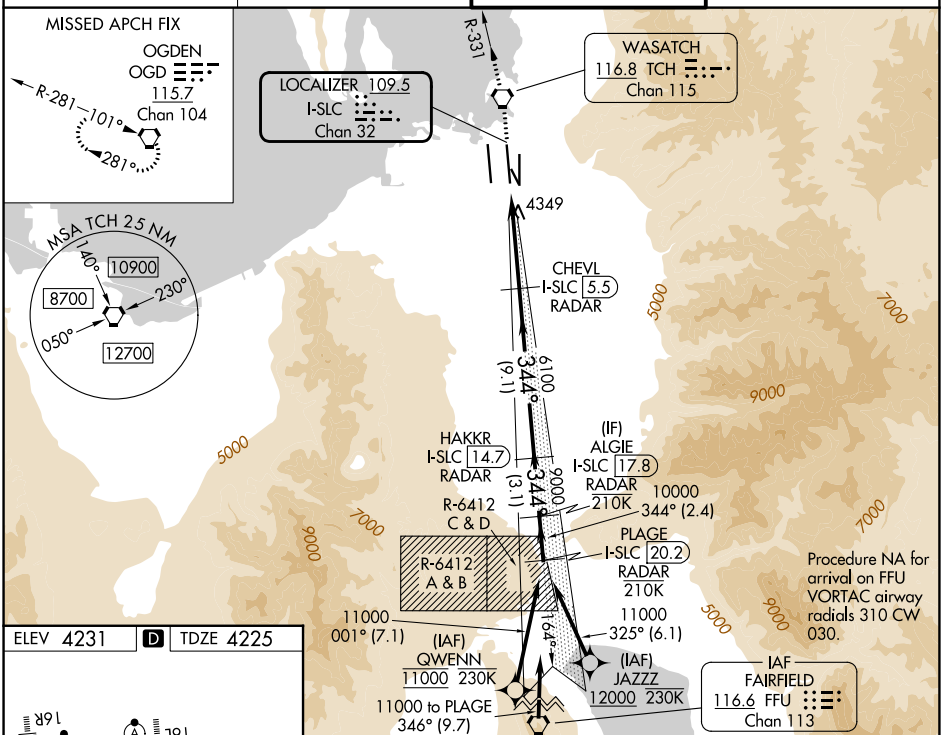
DME required for LOC only. DME or RADAR required.

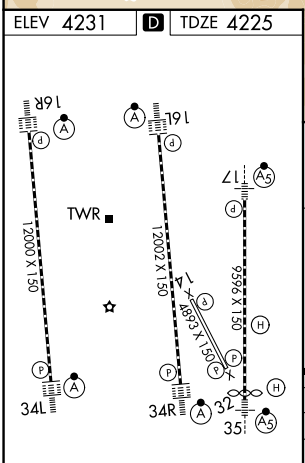
Simultaneous approach authorized. CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

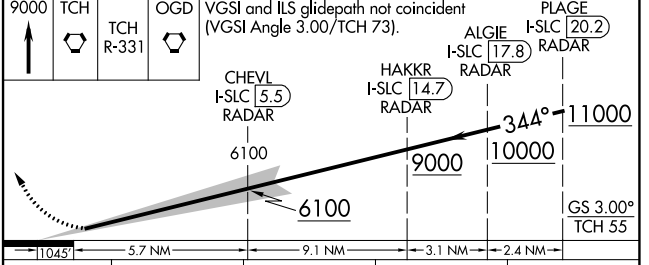
MISSED APPROACH: Climb to 9000 direct TCH VORTAC and on TCH VORTAC R-331 to OGD VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	119.05 257.8	123.775 348.6





HIRL all rwys
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35



CATEGORY	A	B	C	D
S-ILS 34R	CAT II RA 99/12 100 DA 4325			
S-ILS 34R	CAT III RVR 03			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH
Amdt 6 14MAY26

40°47'N-111°59'W

SALT LAKE CITY INTL (SLC)
ILS RWY 34R (CAT II & III)

APP CRS	Rwy Ldg	12002
164°	TDZE	4231
	Apt Elev	4231

RNAV (RNP) Z RWY 16L

SALT LAKE CITY INTL (SLC)

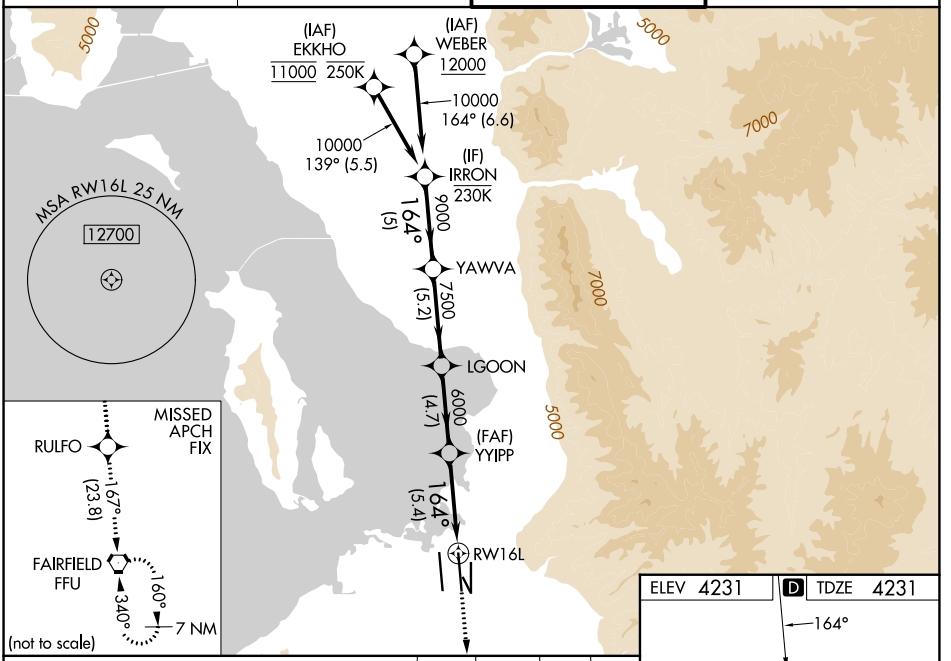
RNP AR APCH - GPS.

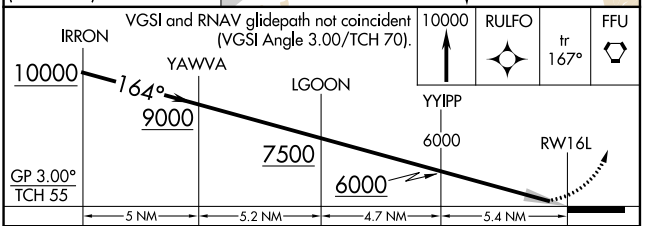
For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 54°C. Simultaneous approach authorized. For inop ALS, increase RNP 0.16 all Cats visibility RVR to 5500, increase RNP 0.16 (323) all Cats visibility to RVR 4500 and increase RNP 0.30 all Cats visibility to RVR 5500.

ALSF-2

MISSED APPROACH: Climb to 10000 direct RULFO and on track 167° to FFU VORTAC and hold.
*Missed approach requires minimum climb of 323 feet per NM to 4740.
#Missed approach requires minimum climb of 256 feet per NM to 4760.

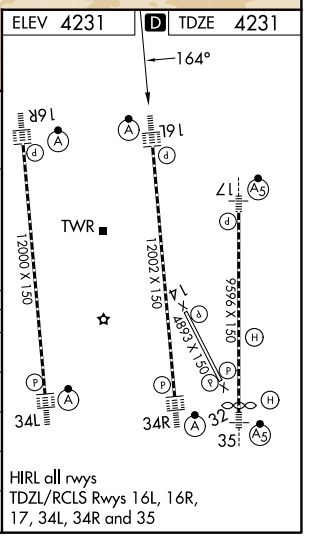
D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	119.05 257.8	123.775 348.6





CATEGORY	A	B	C	D
RNP 0.16 DA*	4516/24 285 (300-½)			NA
RNP 0.30 DA#	4565/26 334 (400-½)			
RNP 0.16 DA	4573/30 342 (400-⅝)			NA
RNP 0.30 DA	4592/35 361 (400-⅝)			

AUTHORIZATION REQUIRED



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH | AL-365 (FAA) | 26190

RNAV (RNP) Z RWY 16R

SALT LAKE CITY INTL (SLC)

APP CRS	Rwy Ldg	12000
164°	TDZE	4226
	Apt Elev	4231

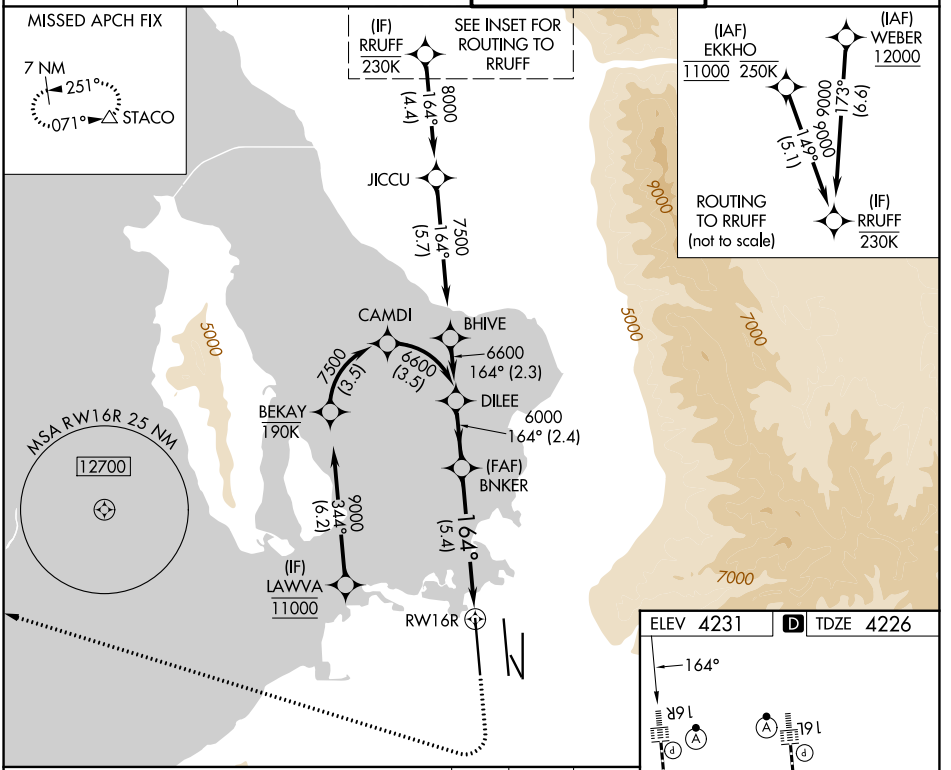
RNP AR APCH - GPS. Authorization required. From LAWVA: RF.

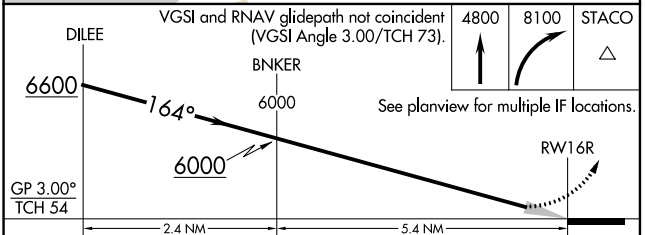
For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 54°C. Simultaneous approach authorized. For inop ALS, increase RNP 0.10 all Cats visibility to RVR 4000, and increase RNP 0.30 all Cats visibility to RVR 5500.

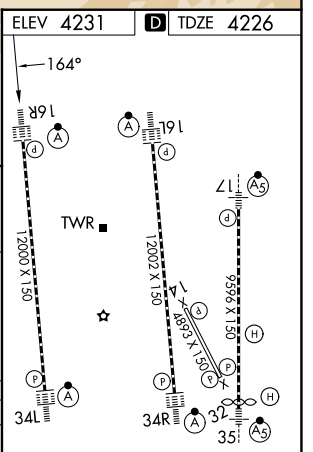
ALSF-2

MISSED APPROACH: Climb to 4800 then climbing right turn to 8100 direct STACO and hold.
*Missed approach requires minimum climb of 339 feet per NM to 4680.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6







CATEGORY	A	B	C	D
RNP 0.10 DA*	4481/24	255 (300-½)		
RNP 0.30 DA	4597/35	371 (400-⅝)		

AUTHORIZATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (RNP) Z RWY 17

SALT LAKE CITY INTL (SLC)

APP CRS	Rwy Ldg	9596
169°	TDZE	4222
	Apt Elev	4231

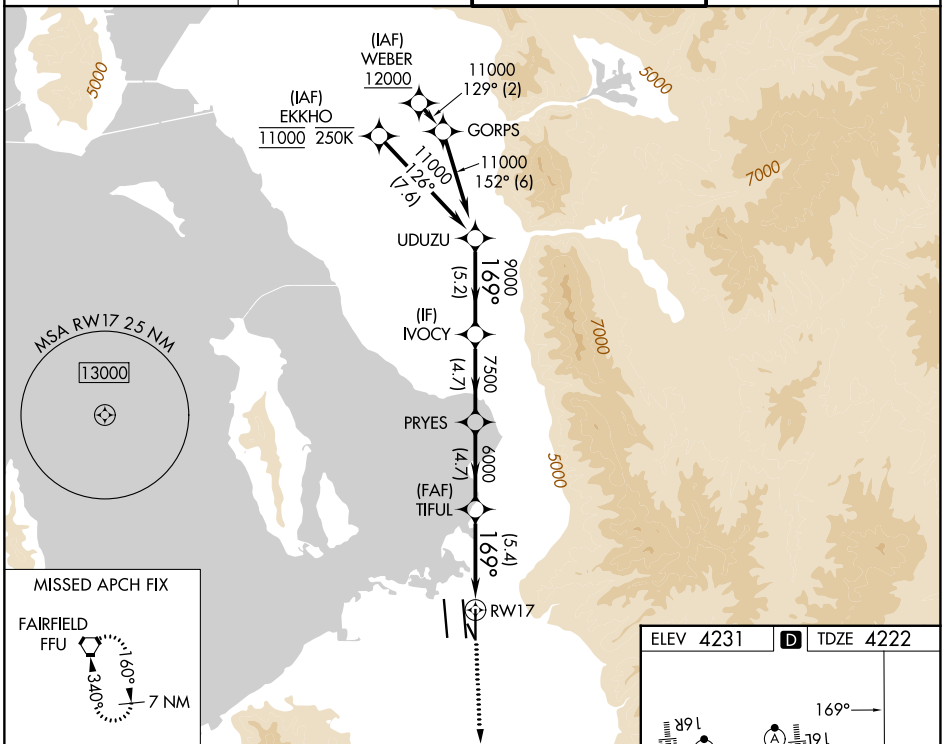
RNP AR APCH - GPS.

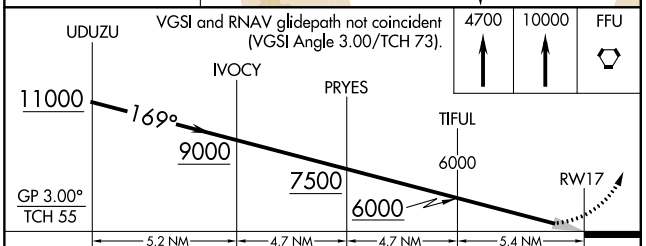
T For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 54°C. Simultaneous approach authorized. For inop ALS, increase RNP 0.20 all Cats visibility to RVR 4000 and RNP 0.30 all Cats visibility to RVR 5500.

MALSR

MISSED APPROACH: Climb to 4700 then climb to 10000 direct FFU VORTAC and hold.

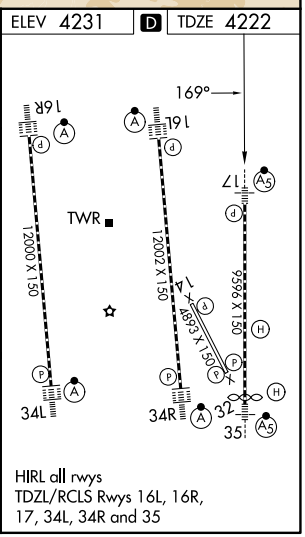
D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	118.3 257.8	123.775 348.6





CATEGORY	A	B	C	D
RNP 0.20 DA	4472/24 250 (300-½)			
RNP 0.30 DA	4564/30 342 (400-⅝)			

AUTHORIZATION REQUIRED



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH | AL-365 (FAA) | 26190

RNAV (RNP) Z RWY 34L

SALT LAKE CITY INTL (SLC)

APP CRS	Rwy Ldg	12000
344°	TDZE	4229
	Apt Elev	4231

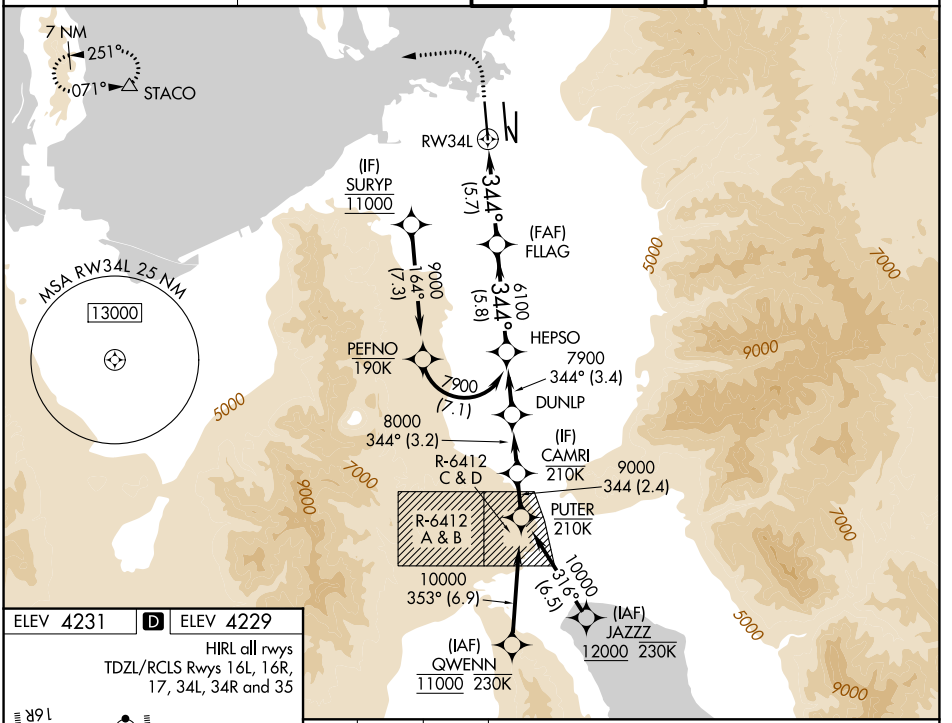
RNP AR APCH - GPS. Authorization required. From PEFNO: RF.

For uncompensated Baro-VNAV systems, procedure NA below -9°C or above 54°C. Simultaneous approach authorized. For inop ALS, increase RNP 0.10*, RNP 0.20 visibility all Cats to RVR 4500, RNP 0.30 visibility all Cats to RVR 6000.

ALSF-2

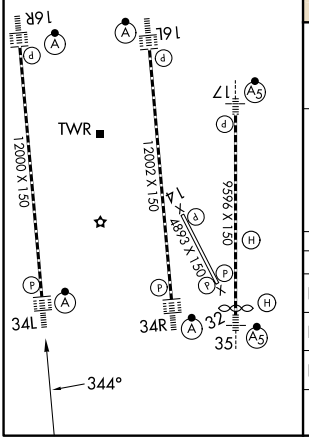
MISSED APPROACH: Climb to 4800 then climbing left turn to 8100 direct STACO and hold.
*Missed approach requires minimum climb of 250 feet per NM to 4700.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6



ELEV 4231 | D | ELEV 4229

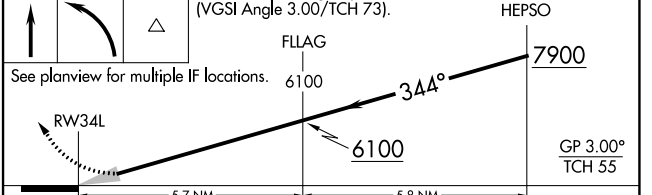
HIRL all rwys
TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35



4800	8100	STACO
↑	↱	△

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 73).

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.10 DA*	4490/24	261 (300-½)		
RNP 0.20 DA	4530/24	301 (300-½)		
RNP 0.30 DA	4643/40	414 (500-¾)		

AUTHORIZATION REQUIRED

SALT LAKE CITY, UTAH
Amdt 1 14MAY26

40°47′N-111°59′W

SALT LAKE CITY INTL (SLC)

RNAV (RNP) Z RWY 34L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (RNP) Z RWY 34R

SALT LAKE CITY INTL (SLC)

APP CRS	Rwy Ldg	12002
344°	TDZE	4225
	Apt Elev	4231

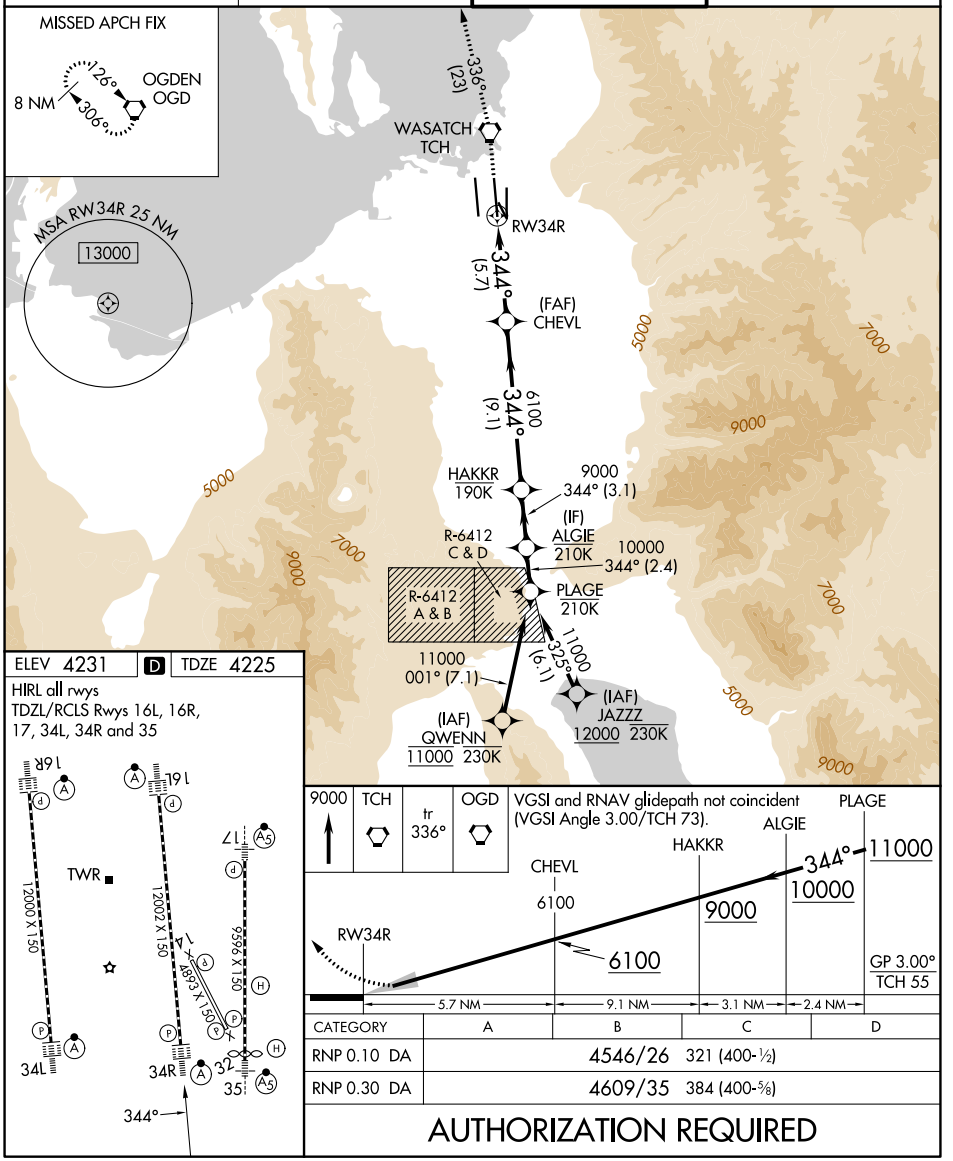
RNP AR APCH - GPS. Authorization required.

For uncompensated Baro-VNAV systems, procedure NA below -9°C or above 54°C. Simultaneous approach authorized.

ALSF-2

MISSED APPROACH: Climb to 9000 direct TCH VORTAC and on track 336° to OGD VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	119.05 257.8	123.775 348.6



CATEGORY	A	B	C	D
RNP 0.10 DA		4546/26	321 (400-½)	
RNP 0.30 DA		4609/35	384 (400-⅝)	

AUTHORIZATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH | AL-365 (FAA) | 26190

RNAV (GPS) RWY 35

SALT LAKE CITY INTL (SLC)

WAAS	APP CRS	Rwy Ldg	9272
CH 42843	344°	TDZE	4227
W35A		Apt Elev	4231

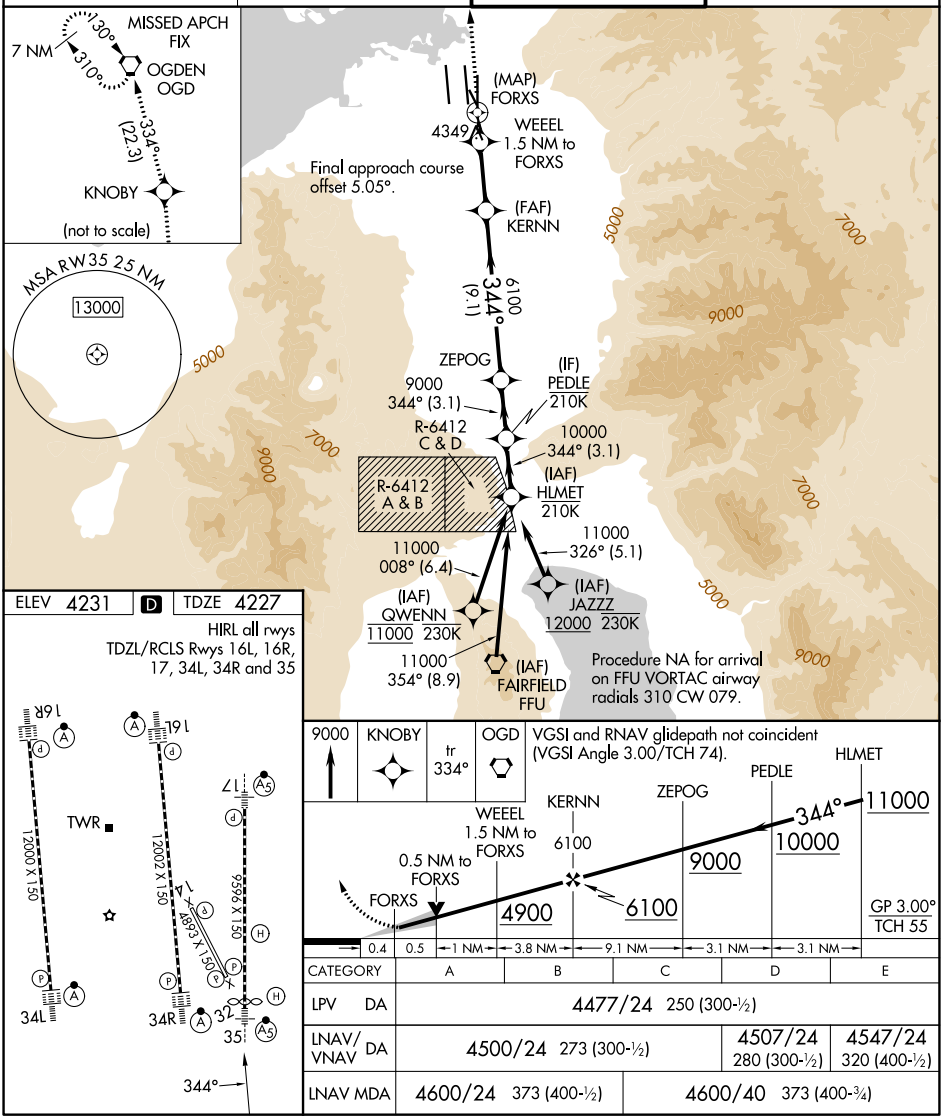
RNP APCH - GPS.

Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -9°C or above 49°C. Use of FD or AP required during simultaneous operations. For inop ALS, increase LPV Cat E visibility to RVR 4000, increase LNAV/VNAV all Cats visibility to RVR 4500, and increase LNAV Cats C/D/E visibility to RVR 5500.

MALSR

MISSED APPROACH: Climb to 9000 direct KNOBY and on track 334° OGD VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	118.3 257.8	121.9 348.6



ELEV 4231 | D | TDZE 4227

HIRL all rwys

TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35

CATEGORY	A	B	C	D	E
LPV DA	4477/24 250 (300-½)				
LNAV/VNAV DA	4500/24 273 (300-½)			4507/24 280 (300-½)	4547/24 320 (400-½)
LNAV MDA	4600/24 373 (400-½)		4600/40 373 (400-¾)		

SALT LAKE CITY, UTAH
Amdt 5 14MAY26

40°47'N-111°59'W

SALT LAKE CITY INTL (SLC)

RNAV (GPS) RWY 35

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH 70546 W16B | APP CRS 164° | Rwy Ldg 12002 TDZE 4231 Apt Elev 4231

RNAV (GPS) Y RWY 16L

SALT LAKE CITY INTL (SLC)

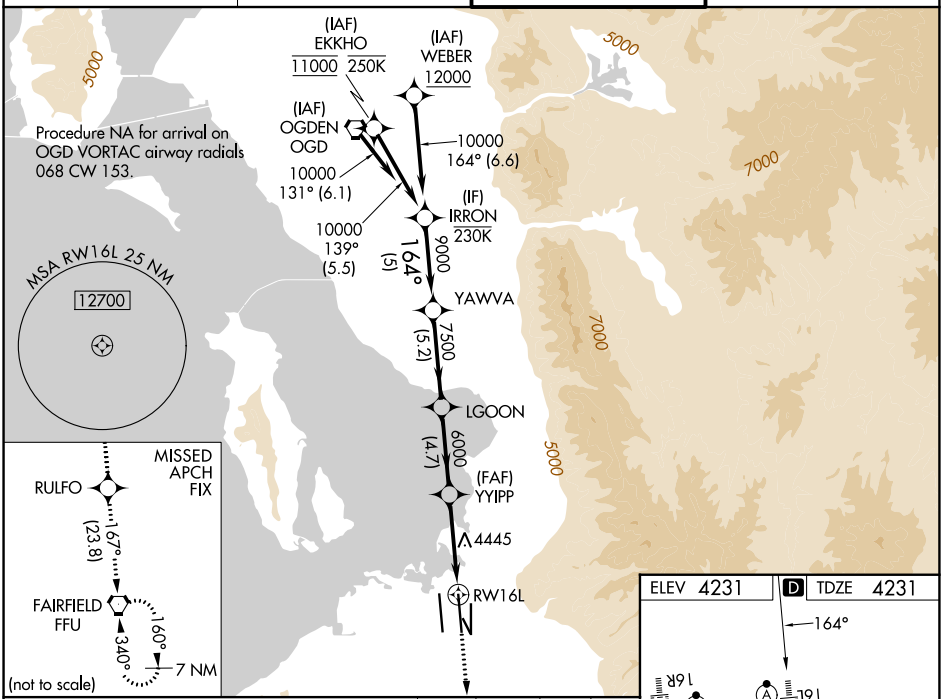
RNP APCH - GPS.

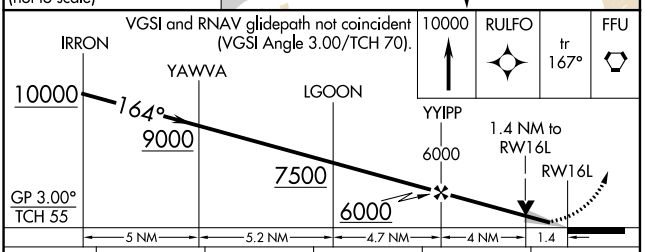
T LNAV procedure NA during simultaneous operations. Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C or above 49°C. For inop ALS, increase LPV Cat E visibility to RVR 4000, increase LNAV/VNAV Cat A visibility to RVR 4500, increase Cats C/D visibility to RVR 5500, increase Cat E visibility to 6000, and increase LNAV Cat E visibility to 1½ SM.

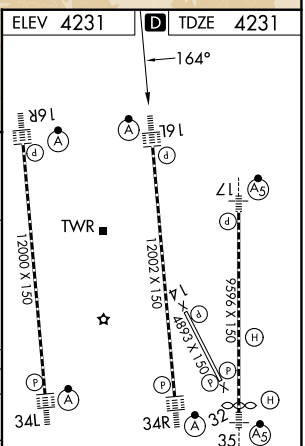
ALSF-2 (A)

MISSED APPROACH: Climb to 10000 direct RULFO and on track 167° to FFU VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	119.05 257.8	123.775 348.6







CATEGORY	A	B	C	D	E
LPV DA	4431/18 200 (200-½)				
LNAV/VNAV DA	4537/24 306 (400-½)	4559/26 328 (400-½)	4574/30 343 (400-⅝)	4593/35 362 (400-⅝)	4634/40 403 (500-¾)
LNAV MDA	4760/24 529 (600-½)		4760/55 529 (600-1)		

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	12000
CH 42746	164°	TDZE	4226
W16A		Apt Elev	4231

RNAV (GPS) Y RWY 16R

SALT LAKE CITY INTL (SLC)

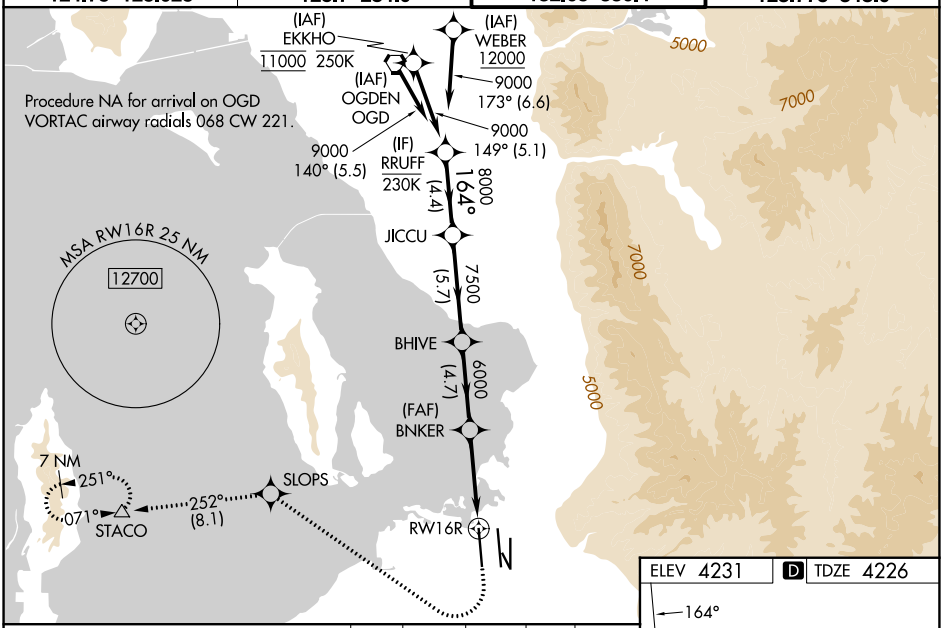
RNP APCH - GPS.

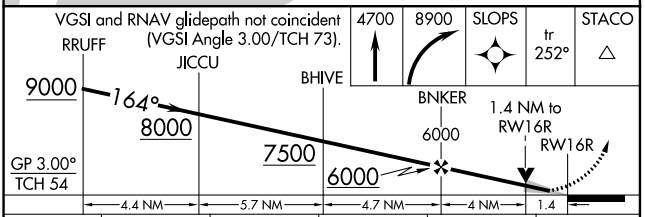
T Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP required during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C or above 50°C. For inop ALS, increase LPV* Cat E visibility to RVR 4000, increase LPV Cat E visibility to RVR 4500, increase LNAV/VNAV Cat E visibility to RVR 6000, increase LNAV# Cat E visibility to 1⅜ SM, increase LNAV Cats C/D visibility to 1⅜ SM, and increase LNAV Cat E visibility to 2½ SM. Cat E restricted to USAF/USN aircraft.

ALSF-2

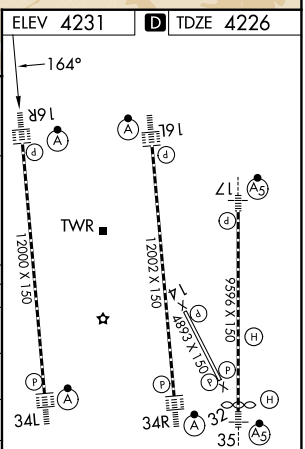
MISSED APPROACH: Climb to 4700 then climbing right turn to 8900 direct SLOPS and on track 252° to STACO and hold, continue climb-in-hold.
*Missed approach requires minimum climb of 225 feet per NM to 6400 for Cat E aircraft.
#Missed approach requires minimum climb of 210 feet per NM to 6200 for Cat E aircraft.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6





CATEGORY	A	B	C	D	E
LPV DA*	NA				4426/18 200 (200-½)
LPV DA	4426/18 200 (200-½)				4489/20 263 (300-½)
LNAV/VNAV DA	4620/35 394 (400-⅝)				
LNAV MDA#	NA				4740/55 514 (600-1)
LNAV MDA	4740/24 514 (600-½)		4740/55 514 (600-1)		5000-1¾ 774 (800-1¾)



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	9596
CH 82338	169°	TDZE	4222
W17A		Apt Elev	4231

RNAV (GPS) Y RWY 17

SALT LAKE CITY INTL (SLC)

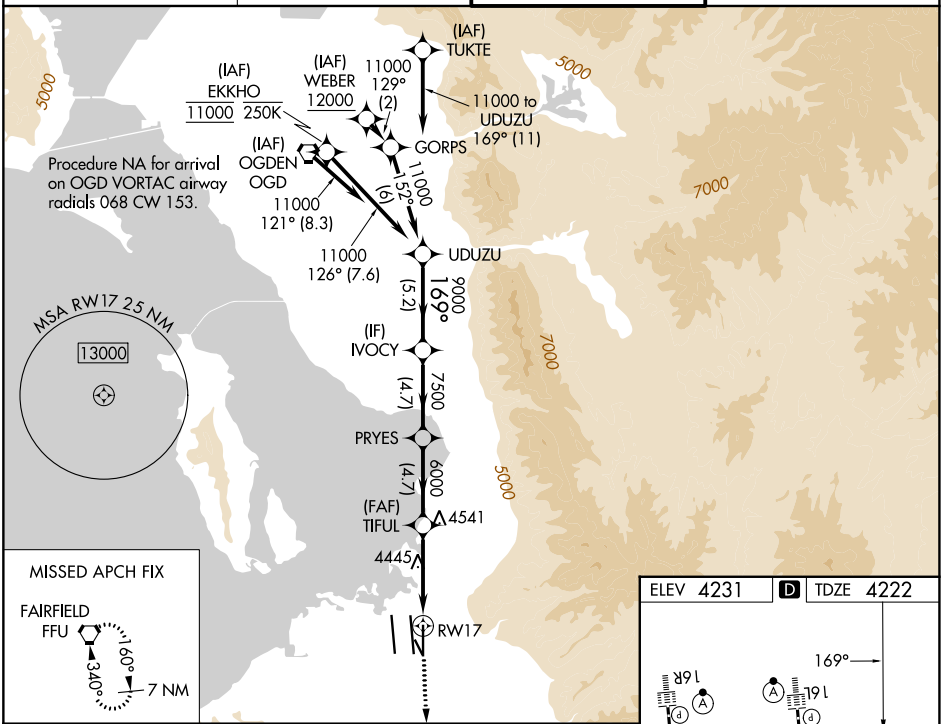
RNP APCH - GPS.

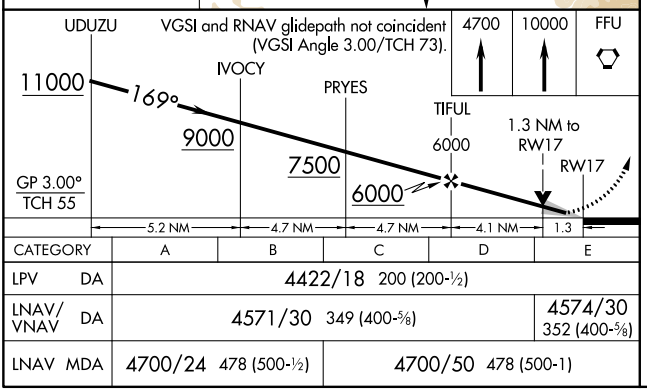
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C or above 49°C. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to RVR 5500, and LNAV Cat C/D/E visibility to 1⅜ SM.

MALSR

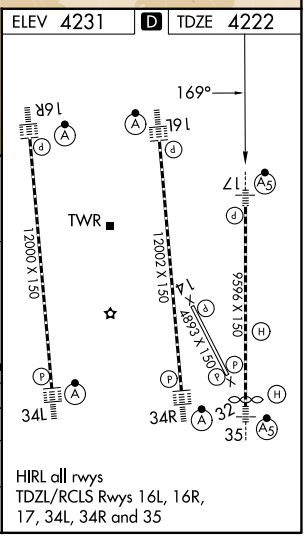
MISSED APPROACH: Climb to 4700 then climb to 10000 direct FFU VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	118.3 257.8	123.775 348.6





CATEGORY	A	B	C	D	E
LPV DA	4422/18 200 (200-½)				
LNAV/VNAV DA	4571/30 349 (400-⅝)				4574/30 352 (400-⅝)
LNAV MDA	4700/24 478 (500-½)		4700/50 478 (500-1)		



SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH | AL-365 (FAA) | 26190

WAAS	APP CRS	Rwy Ldg	12000
CH 70432	344°	TDZE	4229
W34B		Apt Elev	4231

RNAV (GPS) Y RWY 34L

SALT LAKE CITY INTL (SLC)

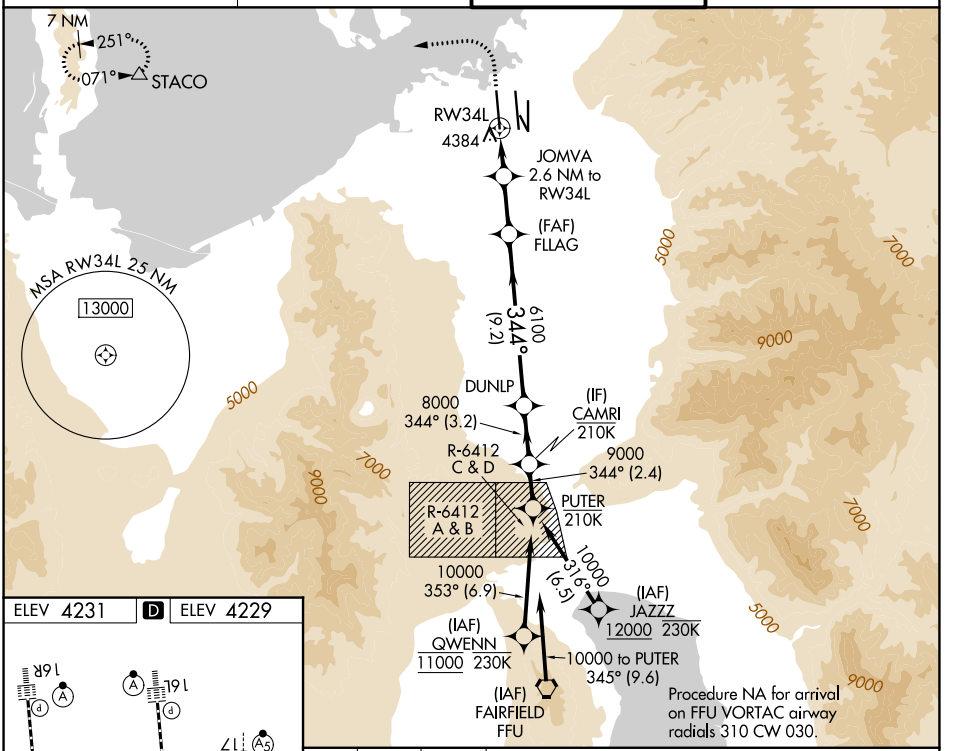
RNP APCH - GPS.

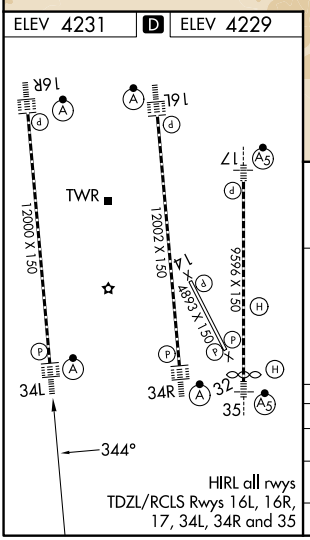
Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -9°C or above 49°C. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to RVR 6000, LNAV Cat E visibility to 1¼ SM. Cat E restricted to USAF/USN aircraft.

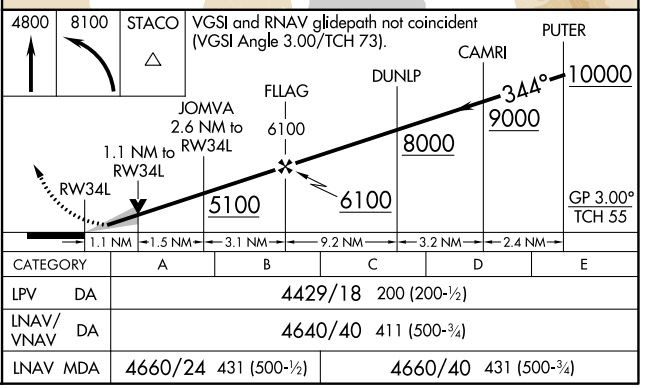
ALSF-2

MISSED APPROACH: Climb to 4800 then climbing left turn to 8100 direct STACO and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	132.65 336.4	123.775 348.6







CATEGORY	A	B	C	D	E
LPV DA	4429/18 200 (200-½)				
LNAV/VNAV DA	4640/40 411 (500-¾)				
LNAV MDA	4660/24 431 (500-½)		4660/40 431 (500-¾)		

SALT LAKE CITY, UTAH
Amdt 3 14MAY26

40°47'N-111°59'W

SALT LAKE CITY INTL (SLC)

RNAV (GPS) Y RWY 34L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) Y RWY 34R

SALT LAKE CITY INTL (SLC)

WAAS	APP CRS	Rwy Ldg	12002
CH 49230	344°	TDZE	4225
W34A		Apt Elev	4231

RNP APCH - GPS.

Simultaneous approach authorized. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -9°C or above 49°C. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to RVR 5000, LNAV Cats C/D visibility to RVR 5500, LNAV Cat E visibility to RVR 6000. Cat E restricted to USAF/USN aircraft.

ALSF-2

MISSED APPROACH: Climb to 9000 direct TCH VORTAC and on track 336° to OGD VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	119.05 257.8	123.775 348.6

MISSED APCH FIX

8 NM 126° 306° OGDEN OGD

MSA RW34R 25 NM 13000

336° (23) WASATCH TCH

RW34R

IRUYU 2 NM to RW34R 4349

(FAF) CHEVL

344° (9.1) 6100

HAKKR 9000 344° (3.1)

(IF) ALGIE 210K

R-6412 C & D 10000 344° (2.4)

R-6412 A & B

PLAGE 210K

11000 001° (7.1)

325° (16.1) 11000

(IAF) JAZZ 12000 230K

(IAF) QWENN 11000 230K

11000 351° (9.7)

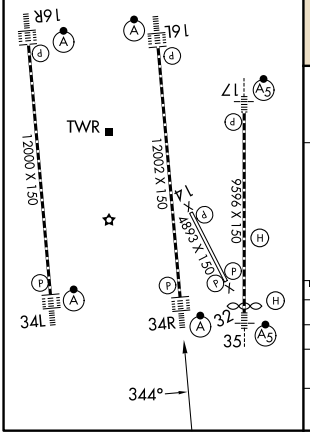
(IAF) FAIRFIELD FFU

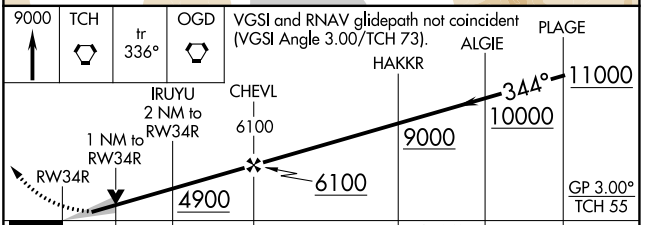
7000 5000 9000

ELEV 4231 D TDZE 4225

HIRL all rwys

TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35





CATEGORY	A	B	C	D	E
LPV DA	4425/18 200 (200-½)				
LNAV/VNAV DA	4557/26 332 (400-½)				
LNAV MDA	4600/24 375 (400-½)		4600/35 375 (400-⅝)		4640/40 415 (500-¾)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY, UTAH | AL-365 (FAA) | 26190

LDA RWY 35

SALT LAKE CITY INTL (SLC)

LOC/DME I-UTJ	APP CRS	Rwy Ldg	9272
111.5	344°	TDZE	4227
Chan 52		Apt Elev	4231

RNP APCH-GPS. From QWENN or JAZZZ.

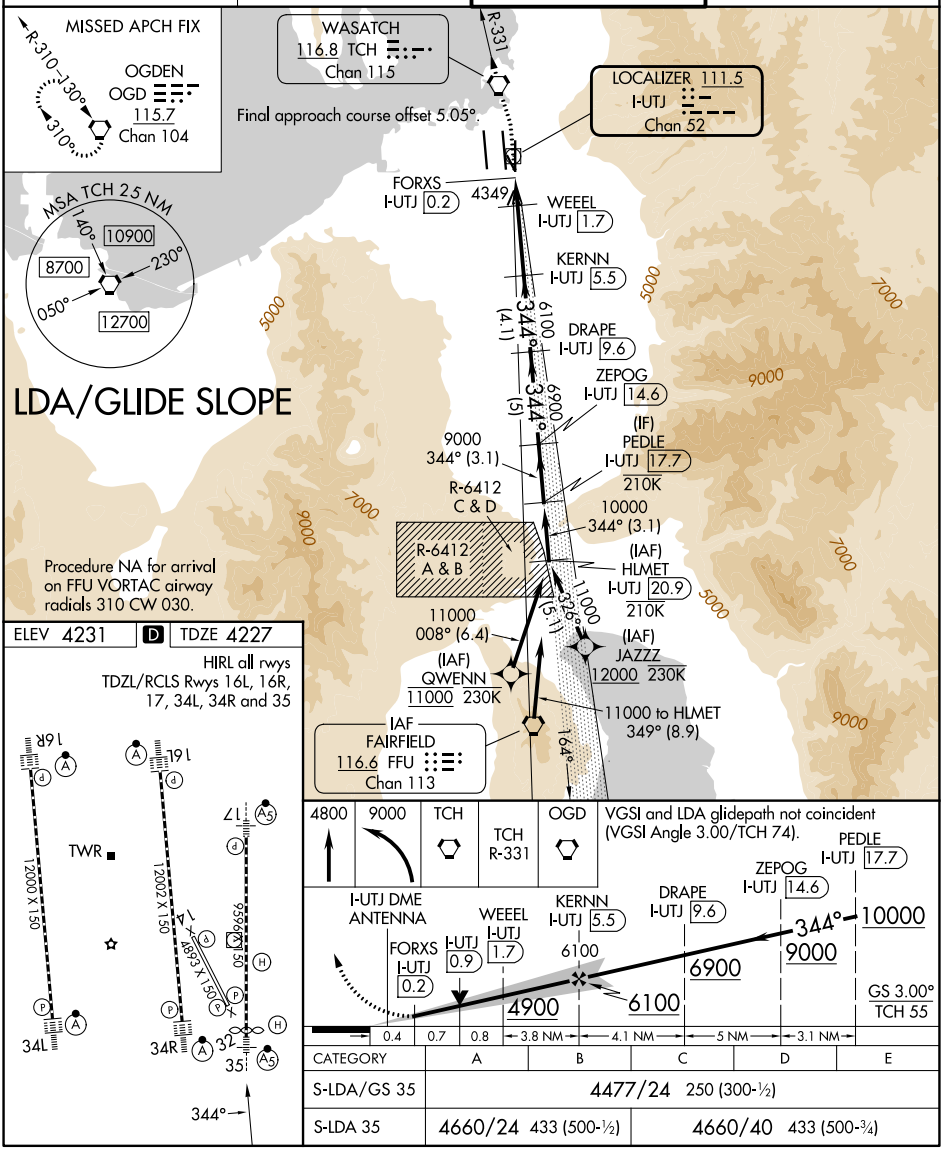
DME required. RADAR required for procedure entry at HLMET.

Simultaneous approach authorized. For inop ALS, increase S-LDA/GS 35 all Cats visibility to RVR 4000, increase S-LDA 35 Cat E visibility to 1¼ SM. Cat E restricted to USAF/USN aircraft.

MALSR

MISSED APPROACH: Climb to 4800 then climbing left turn to 9000 direct TCH VORTAC and on TCH VORTAC R-331 to OGD VORTAC and hold.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON
124.75 125.625	125.7 284.6	118.3 257.8	121.9 348.6



ELEV 4231 | D | TDZE 4227

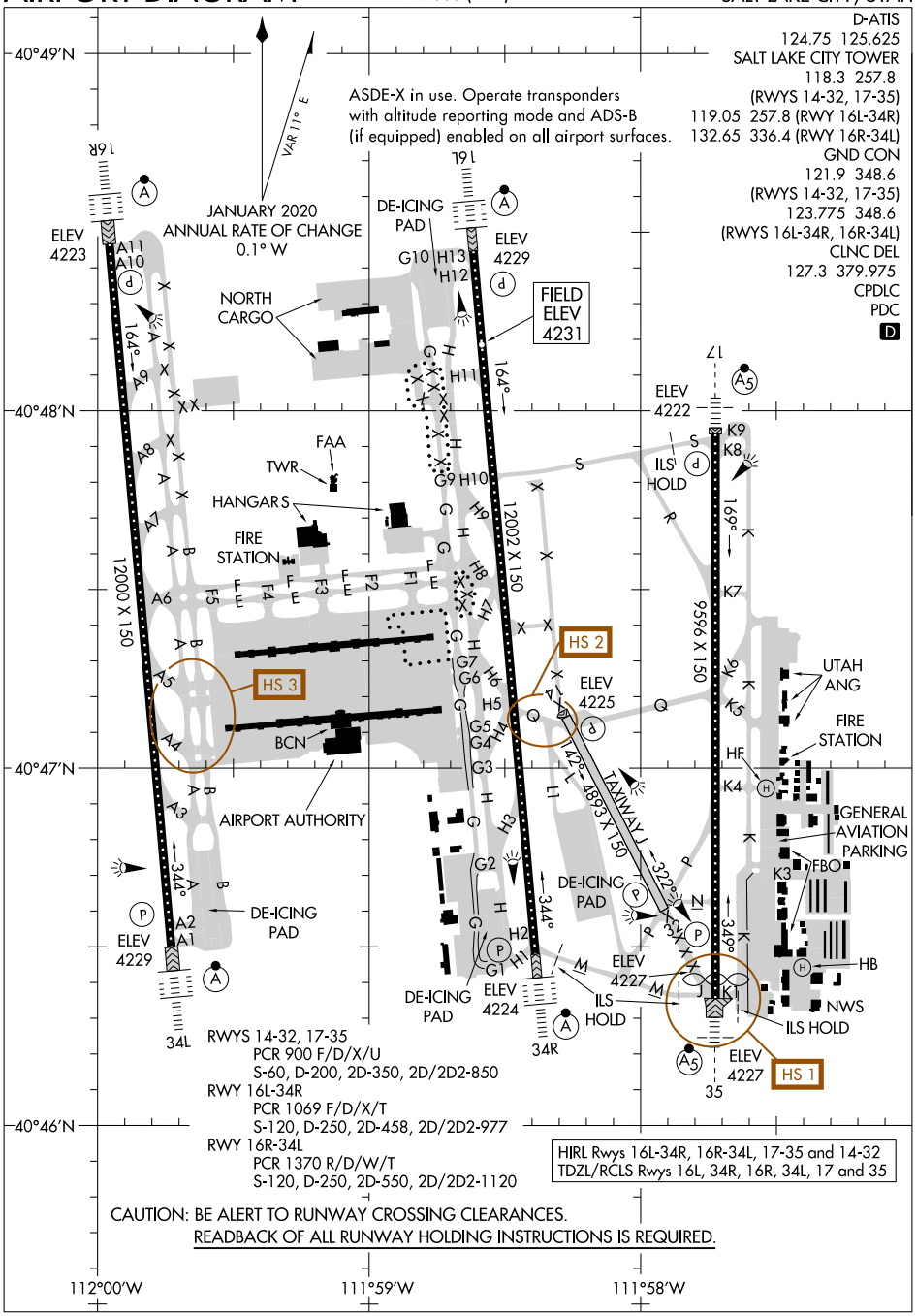
HIRL all rwys

TDZL/RCLS Rwys 16L, 16R, 17, 34L, 34R and 35

CATEGORY	A	B	C	D	E
S-LDA/GS 35	4477/24 250 (300-½)				
S-LDA 35	4660/24 433 (500-½)		4660/40 433 (500-¾)		

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026


D-ATIS
124.75 125.625
SALT LAKE CITY TOWER
118.3 257.8
(RWYS 14-32, 17-35)
119.05 257.8 (RWY 16L-34R)
132.65 336.4 (RWY 16R-34L)
GND CON
121.9 348.6
(RWYS 14-32, 17-35)
123.775 348.6
(RWYS 16L-34R, 16R-34L)
CLNC DEL
127.3 379.975
CPDLC
PDC
D
ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
VAR 11° E
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° W
40°49'N
40°48'N
40°47'N
40°46'N
112°00'W
111°59'W
111°58'W
16R
16L
17
ELEV 4223
ELEV 4229
ELEV 4222
DE-ICING PAD
NORTH CARGO
FIELD ELEV 4231
FAA TWR
HANGARS
FIRE STATION
ILS HOLD
12002 X 150
12000 X 150
9596 X 150
HS 2
HS 3
HS 1
ELEV 4225
BCN
AIRPORT AUTHORITY
TAXIWAY J
4893 X 150
UTAH ANG
FIRE STATION
GENERAL AVIATION PARKING
FBO
HB
NWS
ILS HOLD
ELEV 4227
ELEV 4224
34L
34R
35
RWYS 14-32, 17-35
PCR 900 F/D/X/U
S-60, D-200, 2D-350, 2D/2D2-850
RWY 16L-34R
PCR 1069 F/D/X/T
S-120, D-250, 2D-458, 2D/2D2-977
RWY 16R-34L
PCR 1370 R/D/W/T
S-120, D-250, 2D-550, 2D/2D2-1120
HIRL Rwys 16L-34R, 16R-34L, 17-35 and 14-32
TDZL/RCLS Rwys 16L, 34R, 16R, 34L, 17 and 35
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

(ARCHZ1.ARCHZ) 18144

ARCHZ ONE DEPARTURE (RNAV)

AL-365 (FAA)

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH

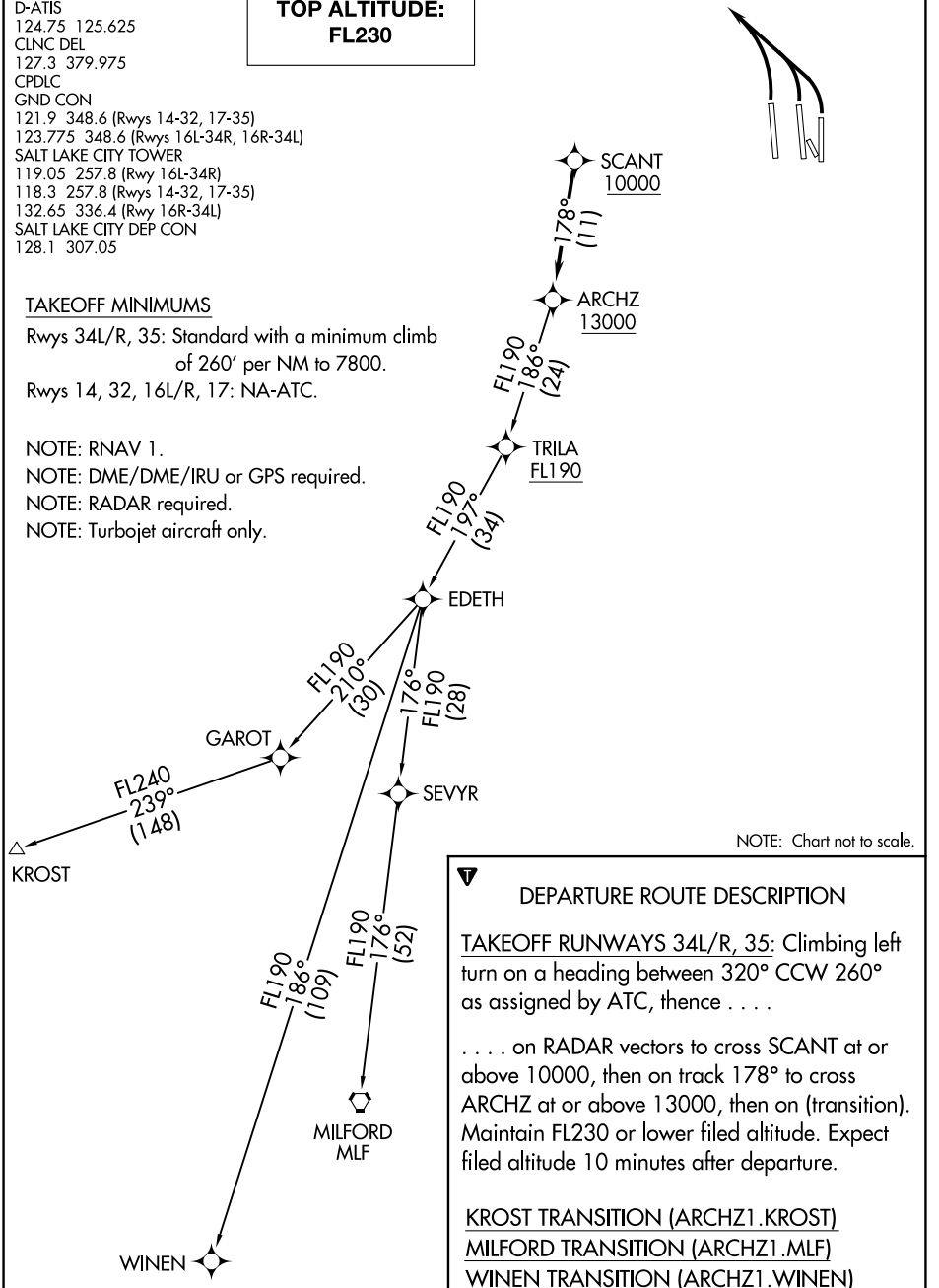
TOP ALTITUDE: FL230

D-ATIS
124.75 125.625
CLNC DEL
127.3 379.975
CPDLC
GND CON
121.9 348.6 (Rwys 14-32, 17-35)
123.775 348.6 (Rwys 16L-34R, 16R-34L)
SALT LAKE CITY TOWER
119.05 257.8 (Rwy 16L-34R)
118.3 257.8 (Rwys 14-32, 17-35)
132.65 336.4 (Rwy 16R-34L)
SALT LAKE CITY DEP CON
128.1 307.05

TAKEOFF MINIMUMS

Rwys 34L/R, 35: Standard with a minimum climb of 260′ per NM to 7800.
Rwys 14, 32, 16L/R, 17: NA-ATC.

NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: RADAR required.
NOTE: Turbojet aircraft only.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 34L/R, 35: Climbing left turn on a heading between 320° CCW 260° as assigned by ATC, thence . . . .

. . . . on RADAR vectors to cross SCANT at or above 10000, then on track 178° to cross ARCHZ at or above 13000, then on (transition). Maintain FL230 or lower filed altitude. Expect filed altitude 10 minutes after departure.

KROST TRANSITION (ARCHZ1.KROST)
MILFORD TRANSITION (ARCHZ1.MLF)
WINEN TRANSITION (ARCHZ1.WINEN)

SW-4, 03 SEP 2026 to 29 OCT 2026

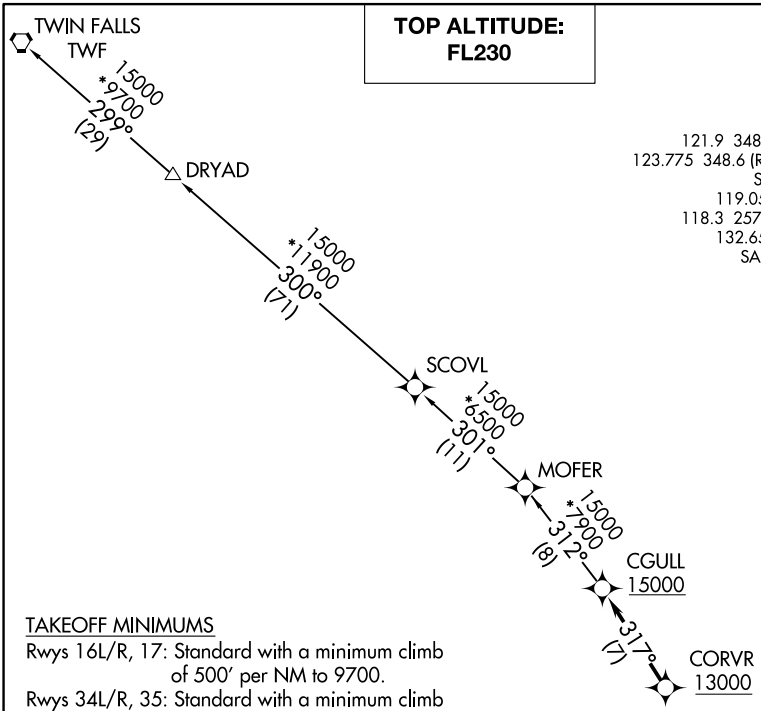
CGULL ONE DEPARTURE (RNAV)

AL-365 (FAA)

SALT LAKE CITY, UTAH

TOP ALTITUDE: FL230

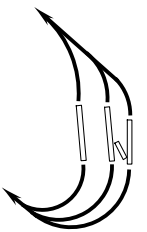
D-ATIS
124.75 125.625
CLNC DEL
127.3 379.975
CPDLC
GND CON
121.9 348.6 (Rwys 14-32, 17-35)
123.775 348.6 (Rwys 16L-34R, 16R-34L)
SALT LAKE CITY TOWER
119.05 257.8 (Rwy 16L-34R)
118.3 257.8 (Rwys 14-32, 17-35)
132.65 336.4 (Rwy 16R-34L)
SALT LAKE CITY DEP CON
135.5 316.15



TAKEOFF MINIMUMS
Rwys 16L/R, 17: Standard with a minimum climb of 500′ per NM to 9700.
Rwys 34L/R, 35: Standard with a minimum climb of 260′ per NM to 7800.
Rwys 14, 32: NA - ATC

NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: RADAR required.
NOTE: Turbojet aircraft only.
NOTE: Aircraft landing Twin Falls Airport, file DRYAD transition.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 16L/R, 17: Climbing right turn on a heading between 280° CW 340° as assigned by ATC, thence. . . .
TAKEOFF RUNWAYS 34L/R, 35: Climbing left turn on a heading between 320° CCW 260° as assigned by ATC, thence. . . .

. . . .on RADAR vectors to cross CORVR at or above 13000, then on track 317° to cross CGULL at or above 15000, then on (transition). Maintain FL230 or lower filed altitude. Expect filed altitude 10 minutes after departure.

DRYAD TRANSITION (CGULL1.DRYAD)

TWIN FALLS TRANSITION (CGULL1.TWF)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

DEZRT TWO DEPARTURE (RNAV)

(DEZRT2.DEZRT) 20APR23

SALT LAKE CITY INTL (SLC)

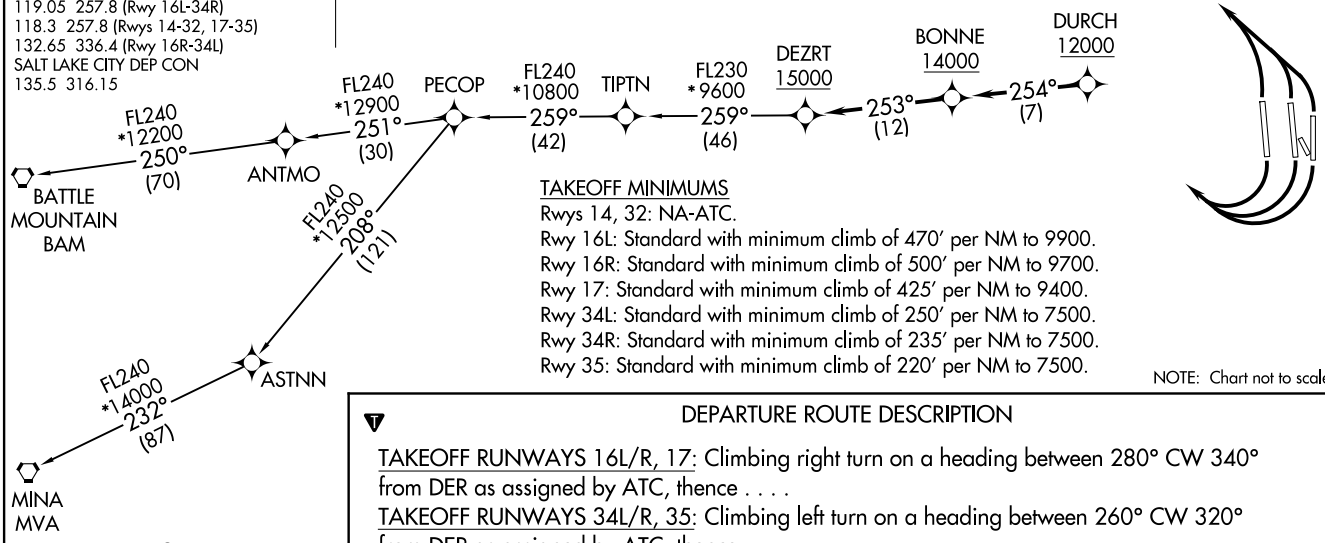
SALT LAKE CITY, UTAH

D-ATIS
124.75 125.625
CLNC DEL
127.3 379.975
CPDLC
GND CON
121.9 348.6 (Rwys 14-32, 17-35)
123.775 348.6 (Rwys 16L-34R, 16R-34L)
SALT LAKE CITY TOWER
119.05 257.8 (Rwy 16L-34R)
118.3 257.8 (Rwys 14-32, 17-35)
132.65 336.4 (Rwy 16R-34L)
SALT LAKE CITY DEP CON
135.5 316.15

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.

TOP ALTITUDE: 15000

NOTE: Turbojet aircraft only.



TAKEOFF MINIMUMS
Rwys 14, 32: NA-ATC.
Rwy 16L: Standard with minimum climb of 470′ per NM to 9900.
Rwy 16R: Standard with minimum climb of 500′ per NM to 9700.
Rwy 17: Standard with minimum climb of 425′ per NM to 9400.
Rwy 34L: Standard with minimum climb of 250′ per NM to 7500.
Rwy 34R: Standard with minimum climb of 235′ per NM to 7500.
Rwy 35: Standard with minimum climb of 220′ per NM to 7500.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 16L/R, 17: Climbing right turn on a heading between 280° CW 340° from DER as assigned by ATC, thence . . . .

TAKEOFF RUNWAYS 34L/R, 35: Climbing left turn on a heading between 260° CW 320° from DER as assigned by ATC, thence . . . .

. . . . on RADAR vectors to cross DURCH at or above 12000, then on track 254° to cross BONNE at or above 14000, then on track 253° to cross DEZRT at or above 15000, then on (transition). Maintain 15000. Expect filed altitude 10 minutes after departure.

BATTLE MOUNTAIN TRANSITION (DEZRT2.BAM)

MINA TRANSITION (DEZRT2.MVA)

DEZRT TWO DEPARTURE (RNAV)
(DEZRT2.DEZRT) 24361
AL-365 (FAA)
SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH

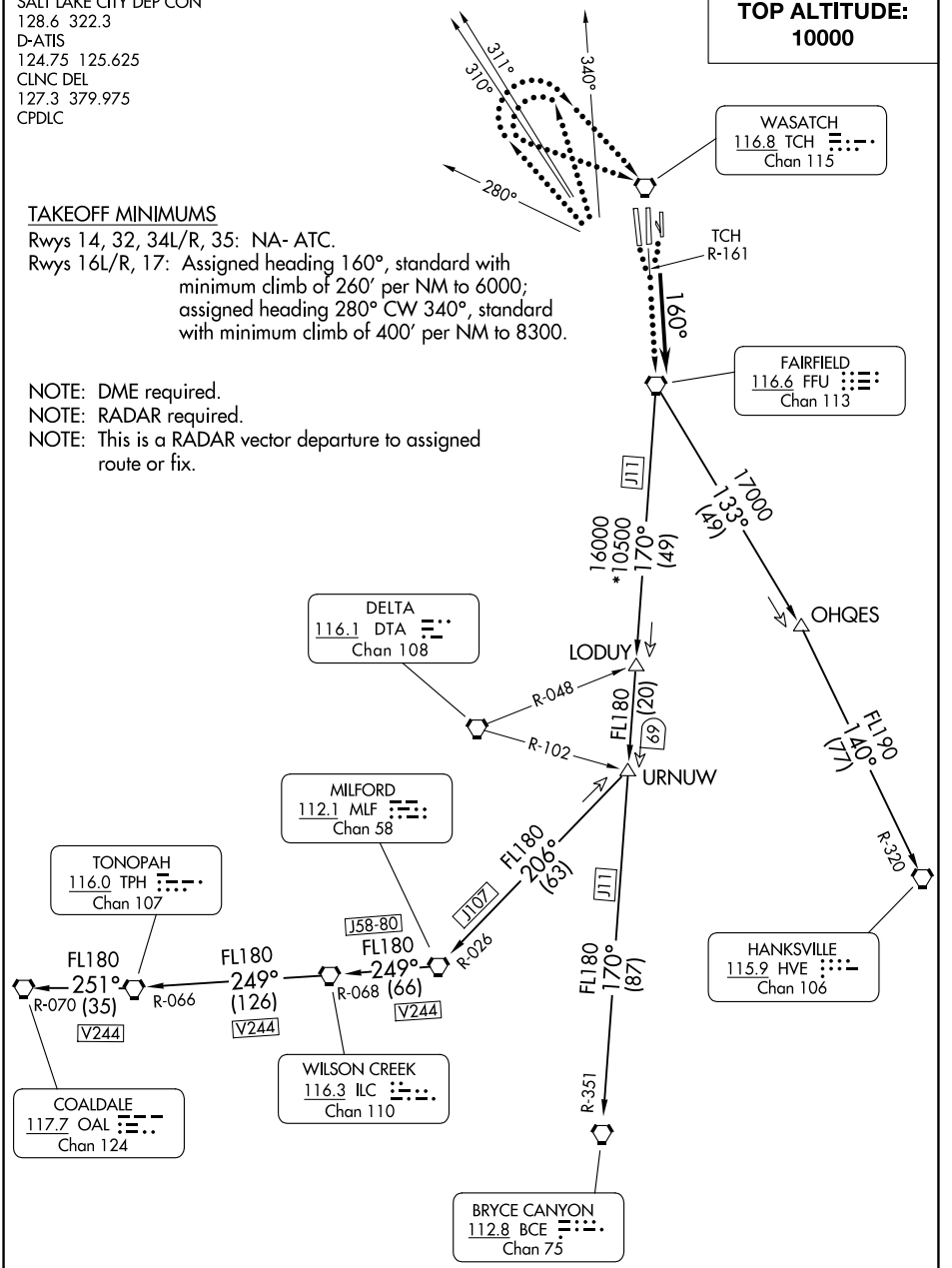
FAIRFIELD NINE DEPARTURE

SALT LAKE CITY DEP CON
128.6 322.3
D-ATIS
124.75 125.625
CLNC DEL
127.3 379.975
CPDLC

TOP ALTITUDE: 10000

TAKEOFF MINIMUMS
Rwys 14, 32, 34L/R, 35: NA- ATC.
Rwys 16L/R, 17: Assigned heading 160°, standard with minimum climb of 260' per NM to 6000; assigned heading 280° CW 340°, standard with minimum climb of 400' per NM to 8300.

NOTE: DME required.
NOTE: RADAR required.
NOTE: This is a RADAR vector departure to assigned route or fix.



(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(FFU9.FFU) 17229
FAIRFIELD NINE DEPARTURE

AL-365 (FAA)

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 16L/R, 17: Climb on heading 160° or as assigned, maintain 10000 or assigned lower altitude. Thence . . . .
. . . . expect RADAR vectors to FFU VORTAC then on filed/assigned transition. Expect clearance to filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If not in contact with departure control 1 minute after takeoff:
RUNWAYS 16L and 17: Assigned heading 160°, turn right, thence . . . .
RUNWAY 16R: Assigned heading 160°, turn left, thence . . . .
. . . . climb to 11000 via TCH R-161 to FFU VORTAC and continue climb via assigned/filed transition.
RUNWAYS 16L/R, 17: Assigned heading 280° CW 340°, fly assigned heading to 11000. Then, aircraft heading 280° CW 310°, execute a climbing right turn, thence . . . .
. . . . aircraft heading 311° CW 340°, execute a climbing left turn, thence . . . .
. . . . direct TCH VORTAC, TCH R-161 to FFU VORTAC, and continue climb via assigned/filed transition.

BRYCE CANYON TRANSITION (FFU9.BCE): From over FFU VORTAC on FFU R-170 to URNUW, then on FFU R-170 and BCE R-351 to BCE VORTAC.
COALDALE TRANSITION (FFU9.OAL): From over FFU VORTAC on FFU R-170 and MLF R-026 to MLF VORTAC, then on MLF R-249 and ILC R-068 to ILC VORTAC, then on ILC R-249 and TPH R-066 to TPH VORTAC, then on TPH R-251 and OAL R-070 to OAL VORTAC.
HANKSVILLE TRANSITION (FFU9.HVE): From over FFU VORTAC on FFU R-133 and HVE R-320 to HVE VORTAC.
MILFORD TRANSITION (FFU9.MLF): From over FFU VORTAC on FFU R-170 and MLF R-026 to MLF VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE: FL230
RNAV 1 - DME/DME/IRU or GPS.
RADAR required.
TAKEOFF MINIMUMS
Rwys 14, 32: NA-ATC.
Rwy 16L: Standard with minimum climb of 470' per NM to 9900.
Rwy 16R: Standard with minimum climb of 500' per NM to 9700.
Rwy 17: Standard with minimum climb of 425' per NM to 9400.
Rwy 34L: Standard with minimum climb of 250' per NM to 8500.
Rwy 34R: Standard with minimum climb of 310' per NM to 11500.
Rwy 35: Standard with minimum climb of 305' per NM to 11500.
NOTE: Turbojet aircraft only.
NOTE: Aircraft landing Denver Intl Airport, file the PERTY Transition.
D-ATIS 124.75 125.625
CLNC DEL 127.3 379.975
CPDLC
GND CON 121.9 348.6 (Rwys 14-32, 17-35) 123.775 348.6 (Rwys 16L-34R, 16R-34L)
SALT LAKE CITY TOWER 119.05 257.8 (Rwy 16L-34R) 118.3 257.8 (Rwys 14-32, 17-35) 132.65 336.4 (Rwy 16R-34L)
SALT LAKE CITY DEP CON 135.5 316.15
HOLTR
16000 *11600 359° (31)
SAWGI
16000 *11600 005° (25)
KLOUD
13000 *11600 359° (15)
RUGGD 12000
BUBBY 11000
054° (12)
13000 *11500 097° (17)
15000 *10900 118° (22)
17000 *11500 130° (26)
15000 *11500 137° (31)
SPINE
14000 *11400 072° (16)
SKIII
17000 *10500 060° (15)
POPLE
FL190 *10700 060° (82)
ROCK SPRINGS OCS
HERTS
16000 088° (62)
PERTY
UPJAR
FL190 *14800 096° (53)
BORZI
FL190 *12600 093° (112)
MEEKER EKR
LOFOG
FL180 *13700 100° (46)
LEGBE
FL180 *10900 099° (30)
KIERA
MSA SLC 25 NM
13000
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 16L/R, 17: Climbing right turn on a heading between 280° CW 340° from DER as assigned by ATC, thence . . . .
TAKEOFF RUNWAYS 34L/R, 35: Climbing left turn on a heading between 310° CW 340° from DER as assigned by ATC, thence . . . .

. . . . on RADAR vectors to cross BUBBY at or above 11000, then on track 054° to cross RUGGD at or above 12000, then on (transition). Maintain FL230 or lower filed altitude. Expect filed altitude 10 minutes after departure.

HOLTR TRANSITION (RUGGD3.HOLTR)
KIERA TRANSITION (RUGGD3.KIERA)
MEEKER TRANSITION (RUGGD3.EKR)
PERTY TRANSITION (RUGGD3.PERTY)
ROCK SPRINGS TRANSITION (RUGGD3.OCS)

SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY DEP CON
128.6 322.3
D-ATIS
124.75 125.625
CLNC DEL
127.3 379.975
CPDLC

TOP ALTITUDE: 10000

NOTE: RADAR required.
NOTE: This is a RADAR vector departure to assigned route or fix.

TAKEOFF MINIMUMS

Rwys 14, 16R, 16L, 17: Assigned heading 163°, standard with minimum climb of 260' per NM to 6000. Assigned heading 283° CW 343°, standard with minimum climb of 400' per NM to 8300.

Rwy 32: Assigned heading 263° CW 343° standard with minimum climb of 498' per NM to 7800 or 400-1 with minimum climb of 260' per NM to 7800.

Rwys 34L, 34R, 35: Assigned heading 263° CW 322°, standard with minimum climb of 260' per NM to 7800. Assigned heading 323° CW 343°, standard with minimum climb of 260' per NM to 7800.

(CONTINUED ON FOLLOWING PAGE)

(SLC4.TCH) 17229

SALT LAKE FOUR DEPARTURE

AL-365 (FAA)

SALT LAKE CITY INTL (SLC)
SALT LAKE CITY, UTAH

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 14, 16L, 16R, 17: Climb heading 163° or as assigned, maintain 10000 or assigned lower altitude. Thence . . . .
TAKEOFF RUNWAYS 32, 34L, 34R, 35: Climb heading 343° or as assigned, maintain 10000 or assigned lower altitude. Thence . . . .

. . . . expect vectors to assigned route or fix. Expect clearance to filed altitude 10 minutes after departure. Aircraft filed/assigned heading 334° CW 112° expect RADAR vectors eastbound leaving 11000 due to high terrain east of TCH VORTAC.

LOST COMMUNICATIONS: If not in contact with departure control 1 minute after takeoff:
RUNWAYS 14, 16L and 17: Assigned heading 163°, turn right thence . . . .
RUNWAY 16R: Assigned heading 163°, turn left thence . . . .
. . . . climb to 11000 on TCH R-161 to FFU VORTAC. Aircraft departing FFU VORTAC R-111 CW R-269, climb on assigned route. All others continue climb in FFU VORTAC holding pattern to cross FFU VORTAC at or above: R-351 CW R-110, 12500; R-270 CW R-350, 11600.

RUNWAYS 14, 16L, 16R, 17: Assigned heading 283° CW 343°, fly assigned heading to 11000. Then, aircraft heading 283° CW 313°, execute a climbing right turn thence . . . .
. . . .aircraft heading 314° CW 343° execute a climbing left turn, thence . . . .
. . . .proceed direct TCH VORTAC. Cross TCH VORTAC at or above 11400 and proceed on course.

RUNWAYS 32, 34L, 34R, 35: Climb direct TCH VORTAC. Aircraft departing TCH VORTAC R-240 CW R-340, climb on course. All others, continue climb on TCH R-249 to 7500, then climbing right turn direct TCH VORTAC. Continue climb in TCH VORTAC holding pattern to cross TCH VORTAC at or above: R-070 CW R-150, 11400; R-151 CW R-175, 8200; R-176 CW R-239, 9900; R-341 CW R-069, 10400. Climb on course.

SW-4, 03 SEP 2026 to 29 OCT 2026

SEVYR THREE DEPARTURE

SALT LAKE CITY DEP CON
128.1 307.05
D-ATIS
124.75 125.625
CLNC DEL
127.3 379.975
CPDC

TAKEOFF MINIMUMS
Rwys 14, 16L/R, and 17: NA - Operational.
Rwy 32: 400-1 or standard with a minimum climb of 450' per NM to 7500.
Rwys 34L/R and 35: Aircraft assigned heading 263° CW through 322° standard with a minimum climb of 260' per NM to 7500. Aircraft assigned heading 323° CW through 343° standard with a minimum climb of 340' per NM to 7500.

NOTE: This is a RADAR vector departure to assigned route or fix.
NOTE: For turbojet and turboprop aircraft only.
NOTE: RADAR required.

(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 32, 34L/R, and 35: Climb on heading 263° or as assigned for RADAR vectors to assigned route or fix. Maintain 10000 or assigned lower altitude. Expect clearance to filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If not in contact with departure control within 1 minute after takeoff, fly assigned heading to 11000. Then, aircraft assigned heading 313° CW through 343°, execute a climbing left turn, all others execute a climbing right turn to TCH VORTAC. Continue climb in the TCH VORTAC holding pattern to cross TCH VORTAC at or above 11500. Proceed on course.

COALDALE TRANSITION (SEVYR3.OAL): From over TCH VORTAC on TCH R-193 and MLF R-350 to SEVYR, then on DTA R-238 and OAL R-054 to OAL VORTAC.

MILFORD TRANSITION (SEVYR3.MLF): From over TCH VORTAC on TCH R-193 and MLF R-350 to MLF VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

ZIONZ ONE DEPARTURE (RNAV)

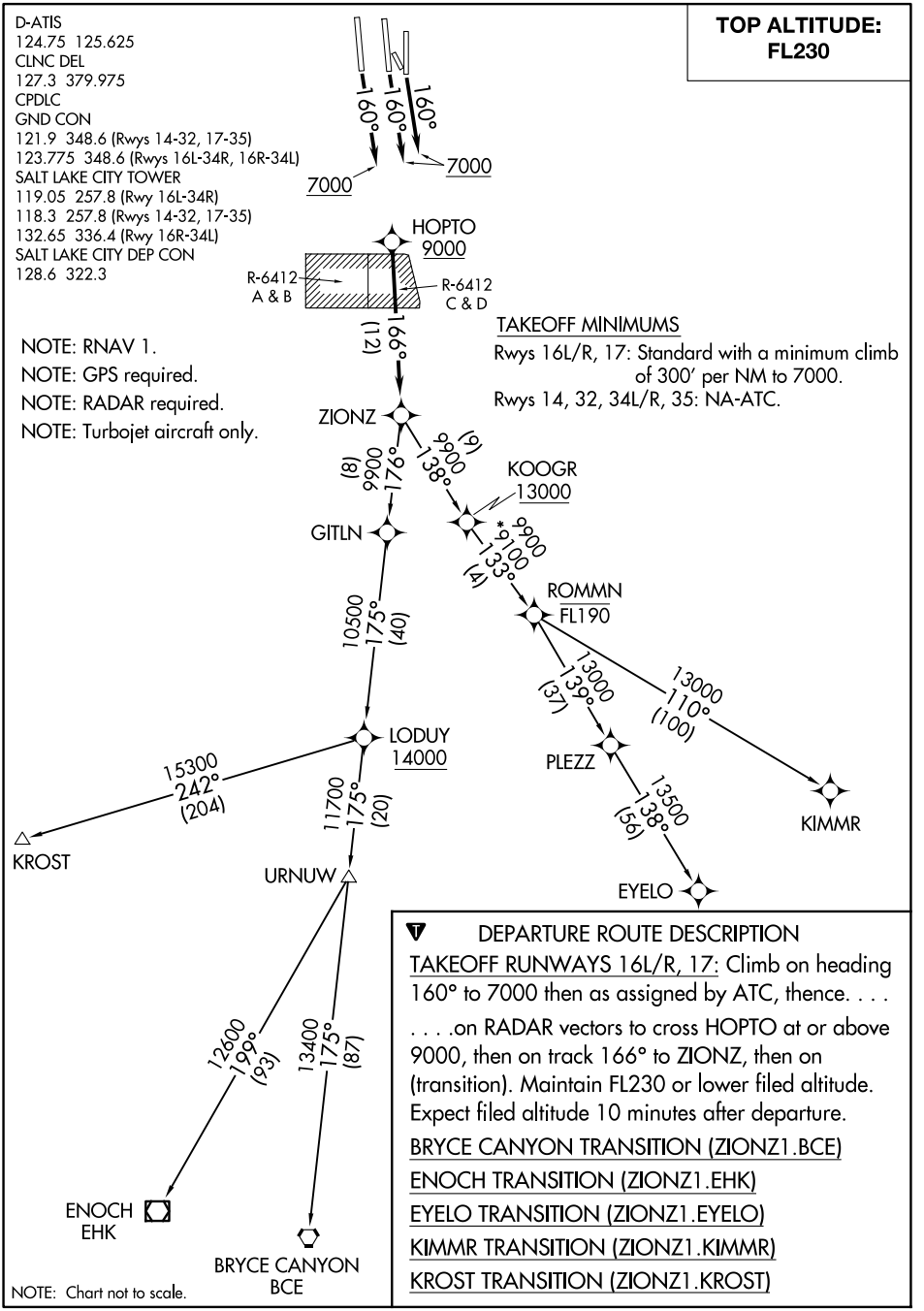
SW-4, 03 SEP 2026 to 29 OCT 2026

D-ATIS
124.75 125.625
CLNC DEL
127.3 379.975
CPDLC
GND CON
121.9 348.6 (Rwys 14-32, 17-35)
123.775 348.6 (Rwys 16L-34R, 16R-34L)
SALT LAKE CITY TOWER
119.05 257.8 (Rwy 16L-34R)
118.3 257.8 (Rwys 14-32, 17-35)
132.65 336.4 (Rwy 16R-34L)
SALT LAKE CITY DEP CON
128.6 322.3

TOP ALTITUDE: FL230

NOTE: RNAV 1.
NOTE: GPS required.
NOTE: RADAR required.
NOTE: Turbojet aircraft only.

TAKEOFF MINIMUMS
Rwys 16L/R, 17: Standard with a minimum climb of 300' per NM to 7000.
Rwys 14, 32, 34L/R, 35: NA-ATC.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 16L/R, 17: Climb on heading 160° to 7000 then as assigned by ATC, thence. . . .

. . . .on RADAR vectors to cross HOPTO at or above 9000, then on track 166° to ZIONZ, then on (transition). Maintain FL230 or lower filed altitude. Expect filed altitude 10 minutes after departure.

BRYCE CANYON TRANSITION (ZIONZ1.BCE)
ENOCH TRANSITION (ZIONZ1.EHK)
EYELO TRANSITION (ZIONZ1.EYELO)
KIMMR TRANSITION (ZIONZ1.KIMMR)
KROST TRANSITION (ZIONZ1.KROST)

SALT LAKE CITY, UTAH | AL-366 (FAA) | 25275

RNAV (GPS) RWY 34

SOUTH VALLEY RGNL (SVR)

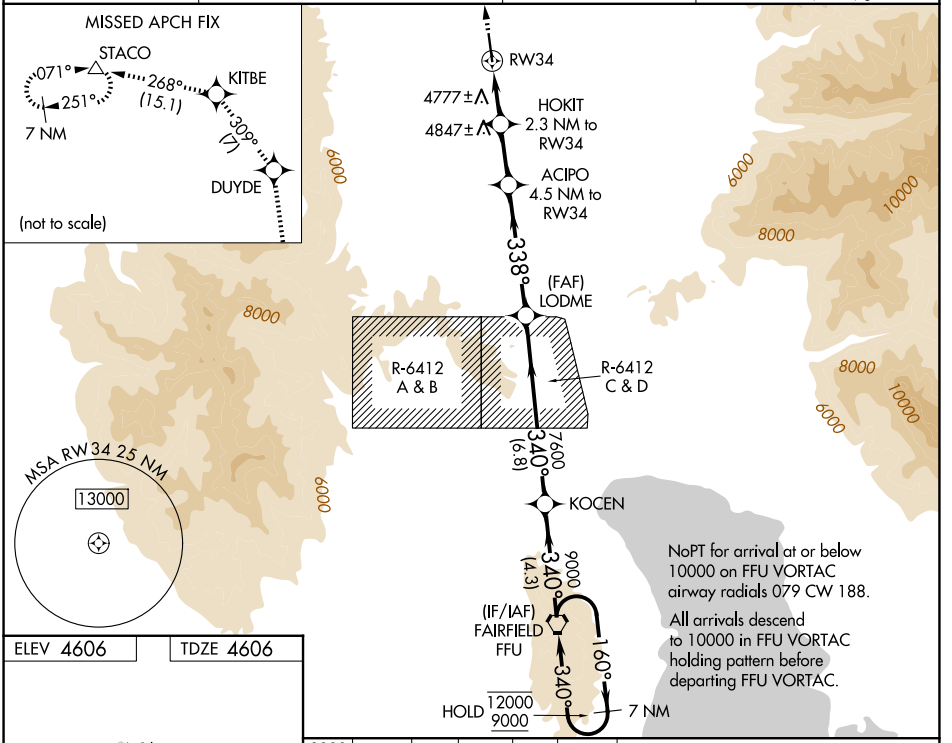
WAAS CH 82740 W34A	APP CRS 338°	Rwy Ldg 5862	TDZE 4606	Apt Elev 4606

RNP APCH - GPS.

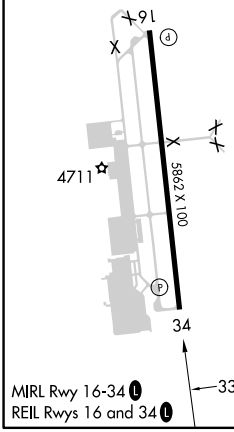
T A VDP NA when using SLC altimeter setting. Baro-VNAV NA. When local altimeter setting not received, use SLC altimeter setting and increase all LPV DA to 4956 feet and all visibilities ⅛ SM. Increase LNAV/VNAV DA to 5159 feet and all visibilities ¼ SM. Increase all MDAs 80 feet and LNAV visibility Cat C/D ⅛ SM, and Circling visibility Cat B ¼ SM.

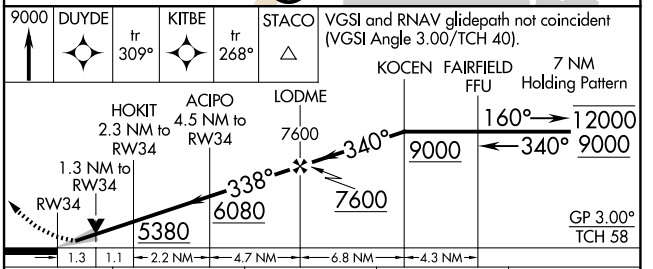
MISSED APPROACH: Climb to 9000 direct DUYDE and on track 309° to KITBE and on track 268° to STACO and hold.

AWOS-3PT	SALT LAKE CITY APP CON	CLNC DEL	UNICOM
134.425	120.9 322.3	127.0	122.7 (CTAF) L



ELEV 4606 | TDZE 4606





CATEGORY	A	B	C	D
LPV DA	4881-⅞ 275 (300-⅞)			
LNAV/VNAV DA	5084-1⅜ 478 (500-1⅜)			
LNAV MDA	5040-1 434 (500-1)		5040-1¼ 434 (500-1¼)	
CIRCLING	5180-1 574 (600-1)	5360-1 754 (800-1)	5780-3 1174 (1200-3)	6040-3 1434 (1500-3)

SALT LAKE CITY, UTAH
Amdt 1B 17APR25

40°37'N-112°00'W

SOUTH VALLEY RGNL (SVR)

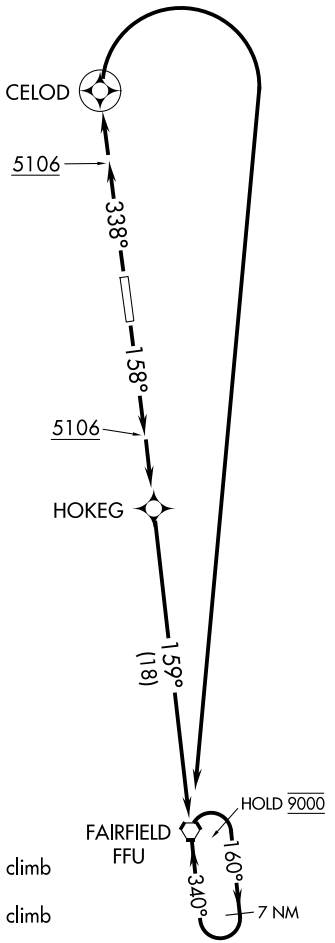
RNAV (GPS) RWY 34

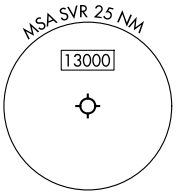
SW-4, 03 SEP 2026 to 29 OCT 2026

SALT LAKE CITY DEP CON
120.9 322.3
CLNC DEL
127.0
UNICOM
122.7 (CTAF)
AWOS-3PT
134.425

RNAV 1 - GPS.

TOP ALTITUDE: 9000





NOTE: Chart not to scale.

TAKEOFF MINIMUMS

Rwy 16: Standard with minimum climb of 300'/NM to 7800.
Rwy 34: Standard with minimum climb of 495'/NM to 9000.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb heading 158° to 5106, then climb to 9000 direct HOKEG, and on track 159° to FFU VORTAC and hold, thence. . . .
TAKEOFF RUNWAY 34: Climb heading 338° to 5106, then climb to 9000 direct CELOD, and right turn direct FFU VORTAC and hold, thence. . . .

. . . .maintain 9000. Expect further clearance to filed altitude and route within 10 minutes of departure.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SCOTTSDALE, ARIZONA AL-5651 (FAA) 26134

APP CRS	Rwy Ldg	7669
212°	TDZE	1507
	Apt Elev	1510

RNAV (RNP) RWY 21

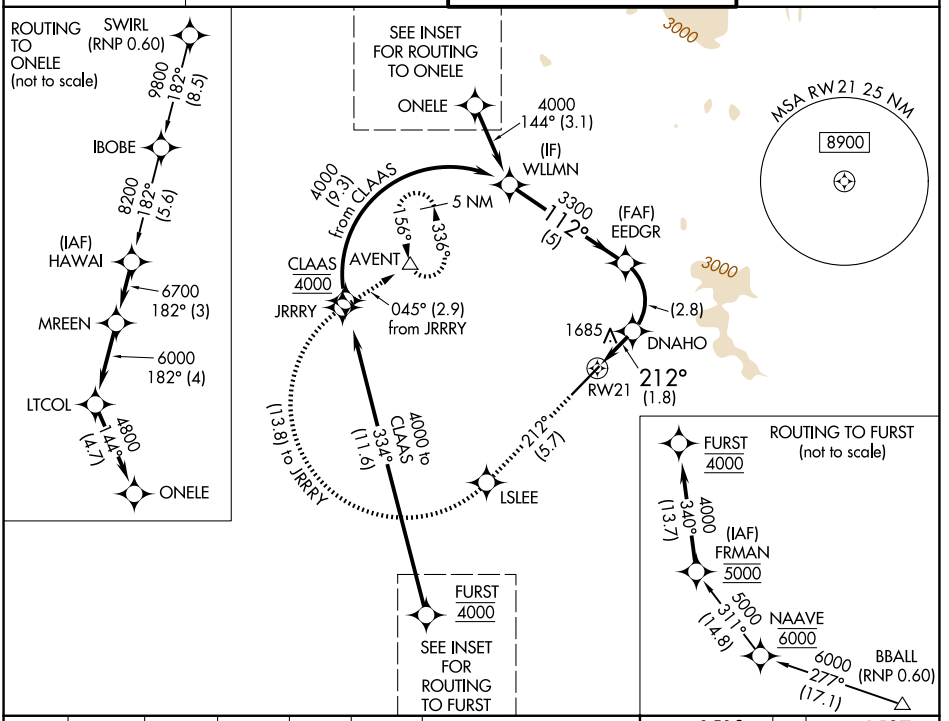
SCOTTSDALE (SDL)

RNP AR APCH - GPS, RF, min RNP 0.60. Authorization required.

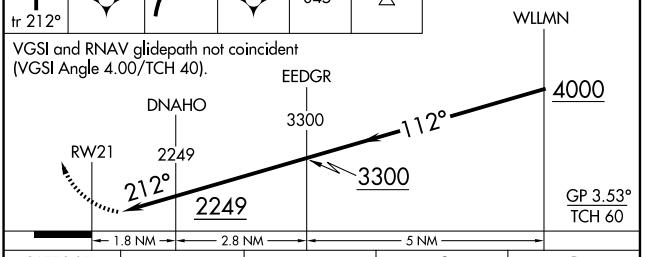
For uncompensated Baro-VNAV systems, procedure NA below 1°C or above 54°C. When local altimeter setting not received procedure NA.

MISSED APPROACH: Climb to 5000 on track 212° to LSLEE and right turn to JRRRY and on track 045° to AVENT and hold.

ATIS	PHOENIX APP CON	SCOTTSDALE TOWER★	GND CON
118.6	120.7 239.0	119.9 (CTAF) L	121.6



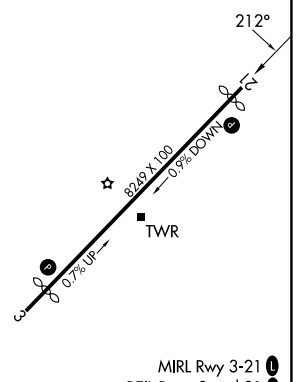
5000	LSLEE		JRRRY	tr 045°	AVENT
tr 212°					



CATEGORY	A	B	C	D
RNP 0.16 DA	1993-1⅜ 486 (500-1⅜)			NA

AUTHORIZATION REQUIRED

ELEV 1510 D TDZE 1507



MIRL Rwy 3-21 L
REIL Rwys 3 and 21 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SCOTTSDALE, ARIZONA
Orig-B 08AUG24

33°37'N-111°55'W

SCOTTSDALE (SDL)

RNAV (RNP) RWY 21

APP CRS	Rwy Ldg	7110
032°	TDZE	1470
	Apt Elev	1510

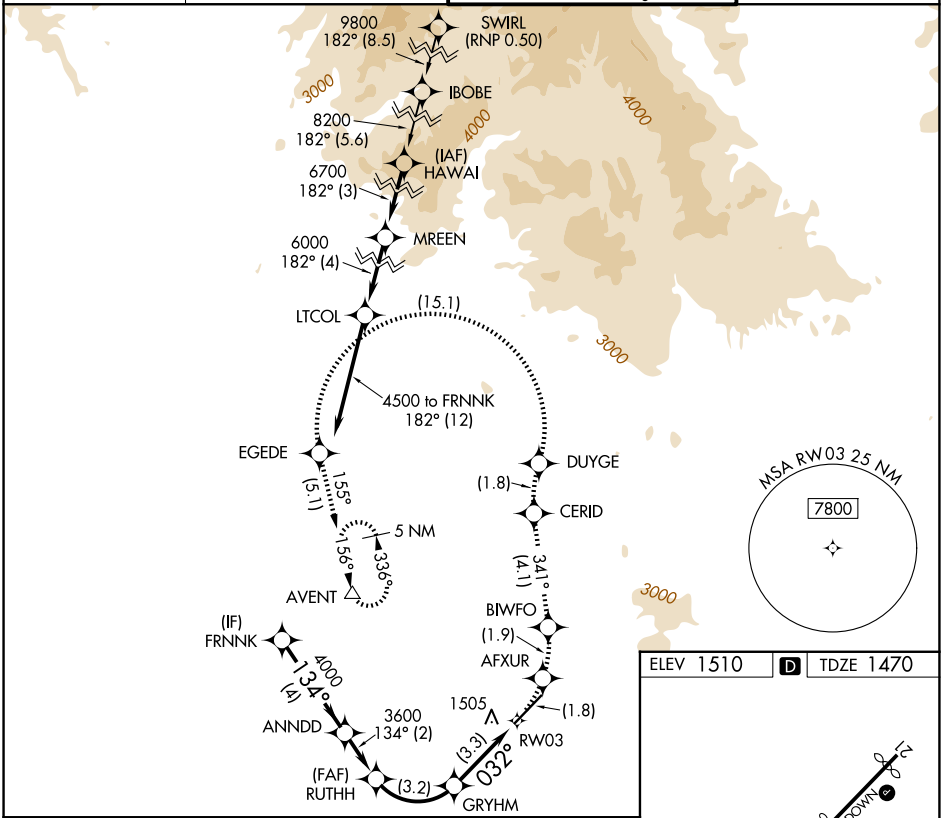
RNAV (RNP) Y RWY 3

SCOTTSDALE (SDL)

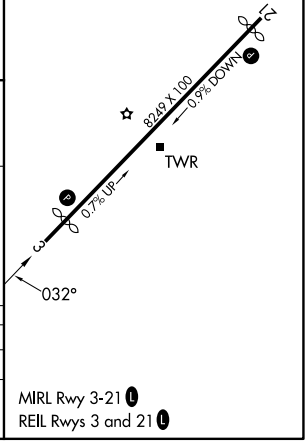
RF and GPS required. Visibility reduction by helicopters NA. For uncompensated Baro-VNAV systems, procedure NA below 1°C (31°F) or above 54°C (130°F). When local altimeter setting not received procedure NA. Missed approach requires RNP less than 1.0.

MISSED APPROACH: Climb to 5000 via left turn to AFXUR, and via left turn to BIWFO, and via track 341° to CERID, and via right turn to DUYGE, and via left turn to EGEDE, and via track 155° to AVENT and hold.

ATIS	PHOENIX APP CON	SCOTTSDALE TOWER★	GND CON
118.6	120.7 239.0	119.9 (CTAF) L	121.6



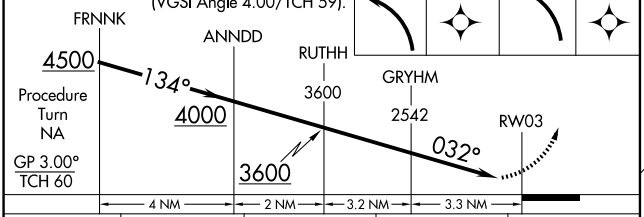
ELEV 1510 D TDZE 1470



MIRL Rwy 3-21 L
REIL Rwys 3 and 21 L

VGSI and RNAV glidepath not coincident (VGSI Angle 4.00/TCH 59).

5000	AFXUR		BIWFO



CATEGORY	A	B	C	D
RNP 0.30 DA	1829-1¼	359 (400-1¼)		NA

AUTHORIZATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SCOTTSDALE, ARIZONA AL-5651 (FAA) 26134

RNAV (RNP) Z RWY 3

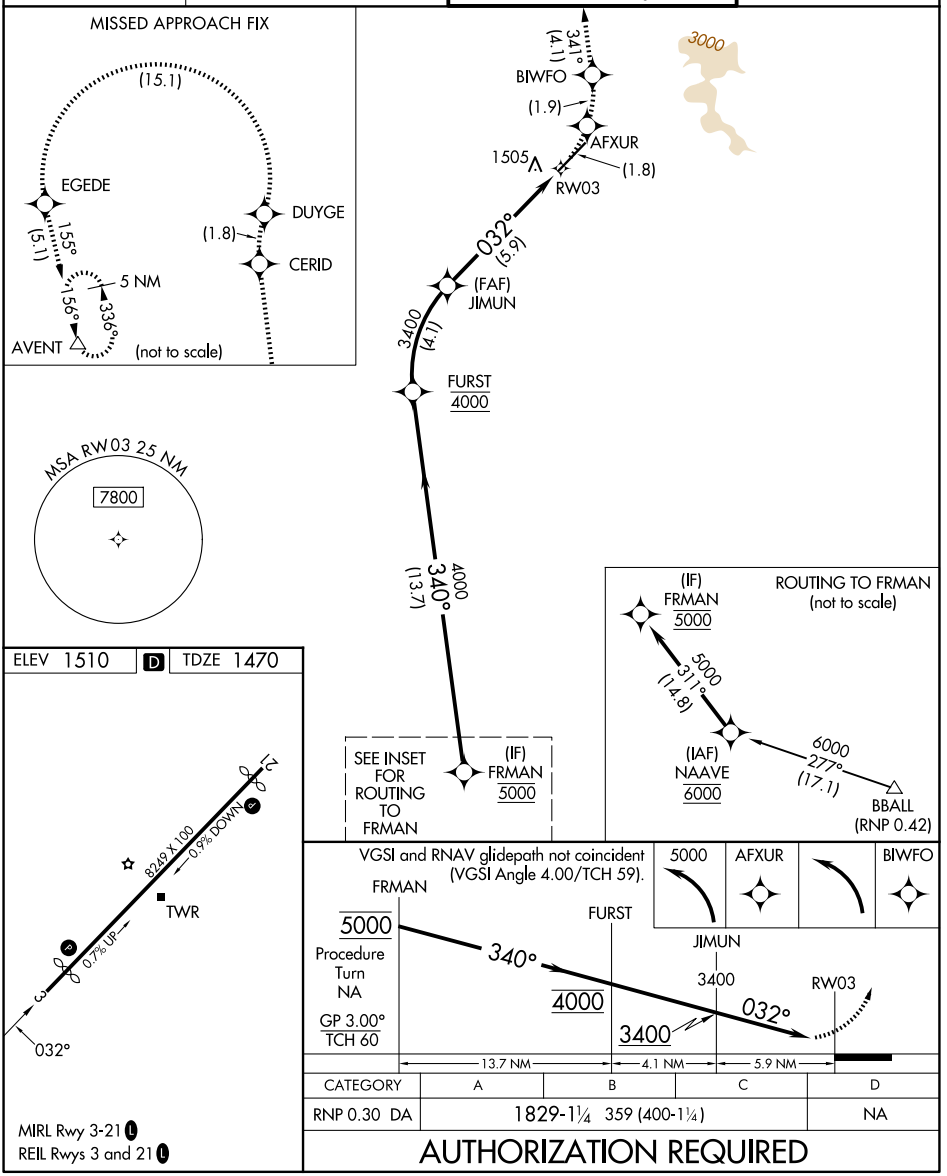
SCOTTSDALE (SDL)

APP CRS	Rwy Ldg	7110
032°	TDZE	1470
	Apt Elev	1510

RF and GPS required. Visibility reduction by helicopters NA. For uncompensated Baro-VNAV systems, procedure NA below 1°C (31°F) or above 54°C (130°F). When local altimeter setting not received procedure NA. Missed approach requires RNP less than 1.0.

MISSED APPROACH: Climb to 5000 via left turn to AFXUR, and via left turn to BIWFO, and via track 341° to CERID, and via right turn to DUYGE, and via left turn to EGEDE, and via track 155° to AVENT and hold.

ATIS	PHOENIX APP CON	SCOTTSDALE TOWER ★	GND CON
118.6	120.7 239.0	119.9 (CTAF) L	121.6



CATEGORY	A	B	C	D
RNP 0.30 DA	1829-1¼ 359 (400-1¼)			NA

AUTHORIZATION REQUIRED

MIRL Rwy 3-21 L
REIL Rwys 3 and 21 L

SCOTTSDALE, ARIZONA
Orig-A 30JUN11

33°37'N-111°55'W

SCOTTSDALE (SDL)

RNAV (RNP) Z RWY 3

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS)-D

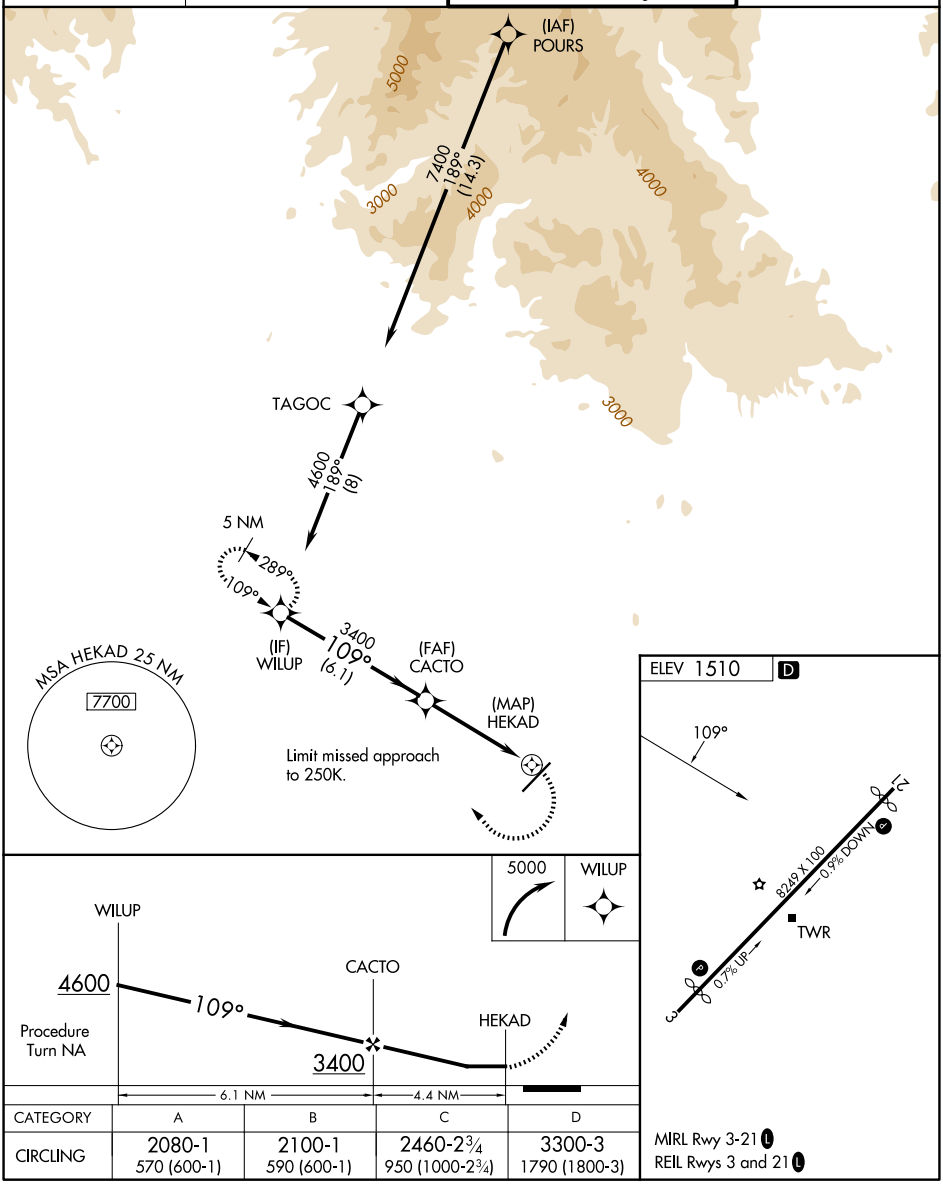
SCOTTSDALE (SDL)

APP CRS	Rwy Ldg	N/A
109°	TDZE	N/A
	Apt Elev	1510

When VGSI inoperative, circling Rwy 21 NA at night. When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting and increase all MDA 100 feet and increase visibility Cat C ¼ SM. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing right turn to 5000 direct WILUP and hold, continue climb-in-hold to 5000.

ATIS	PHOENIX APP CON	SCOTTSDALE TOWER★	GND CON
118.6	120.7 239.0	119.9 (CTAF) L	121.6



CATEGORY	A	B	C	D
CIRCLING	2080-1 570 (600-1)	2100-1 590 (600-1)	2460-2¾ 950 (1000-2¾)	3300-3 1790 (1800-3)

MIRL Rwy 3-21 L
REIL Rwys 3 and 21 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SCOTTSDALE, ARIZONA AL-5651 (FAA) 26134

APP CRS	Rwy Ldg	N/A
003°	TDZE	N/A
	Apt Elev	1510

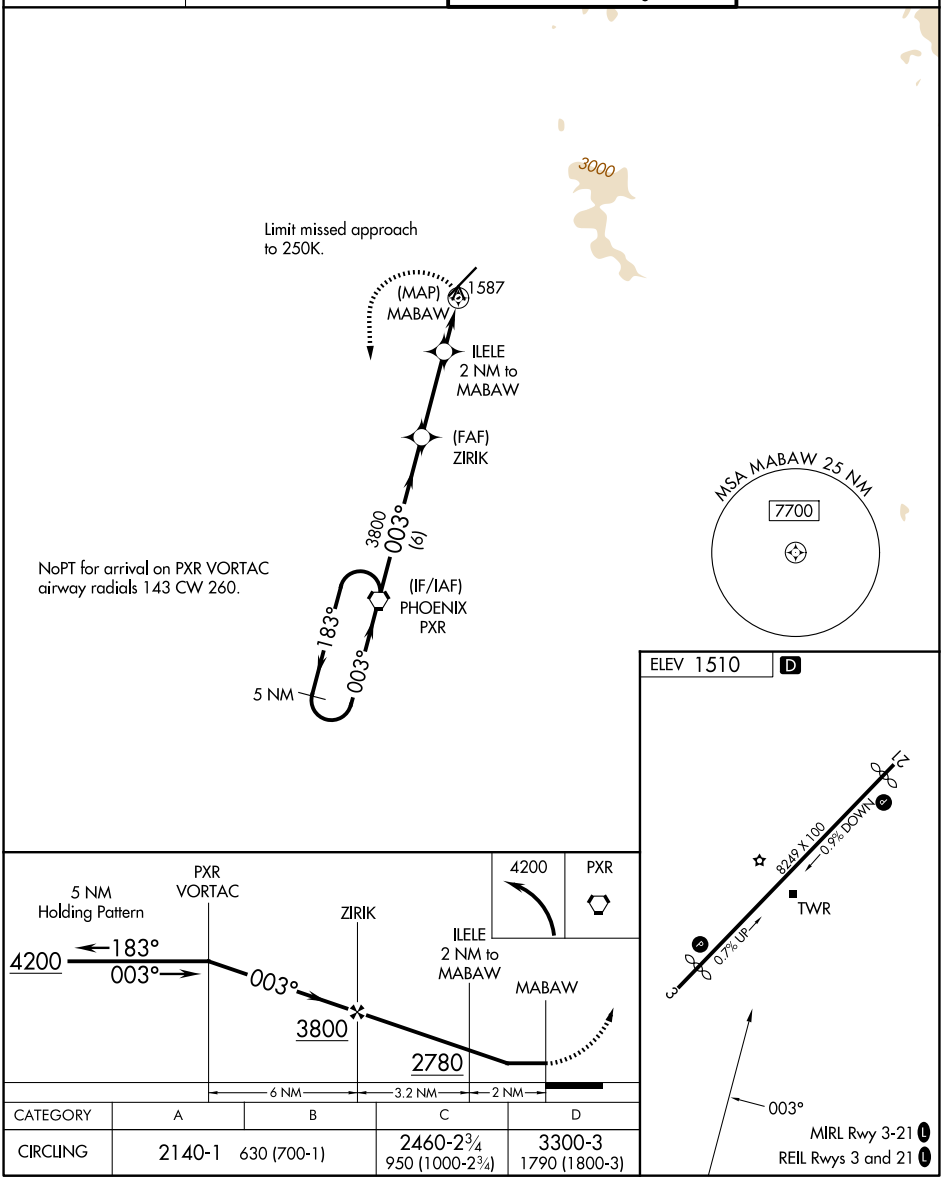
RNAV (GPS)-E

SCOTTSDALE (SDL)

When VGSI inoperative, circling Rwy 21 NA at night. When local altimeter setting not received, use Phoenix Sky Harbor Intl altimeter setting and increase all MDA 100 feet and increase visibility Cat C ¼ SM. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing left turn to 4200 direct PXR VORTAC and hold.

ATIS	PHOENIX APP CON	SCOTTSDALE TOWER★	GND CON
118.6	120.7 239.0	119.9 (CTAF) L	121.6



CATEGORY	A	B	C	D
CIRCLING	2140-1	630 (700-1)	2460-2¾	3300-3
			950 (1000-2¾)	1790 (1800-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

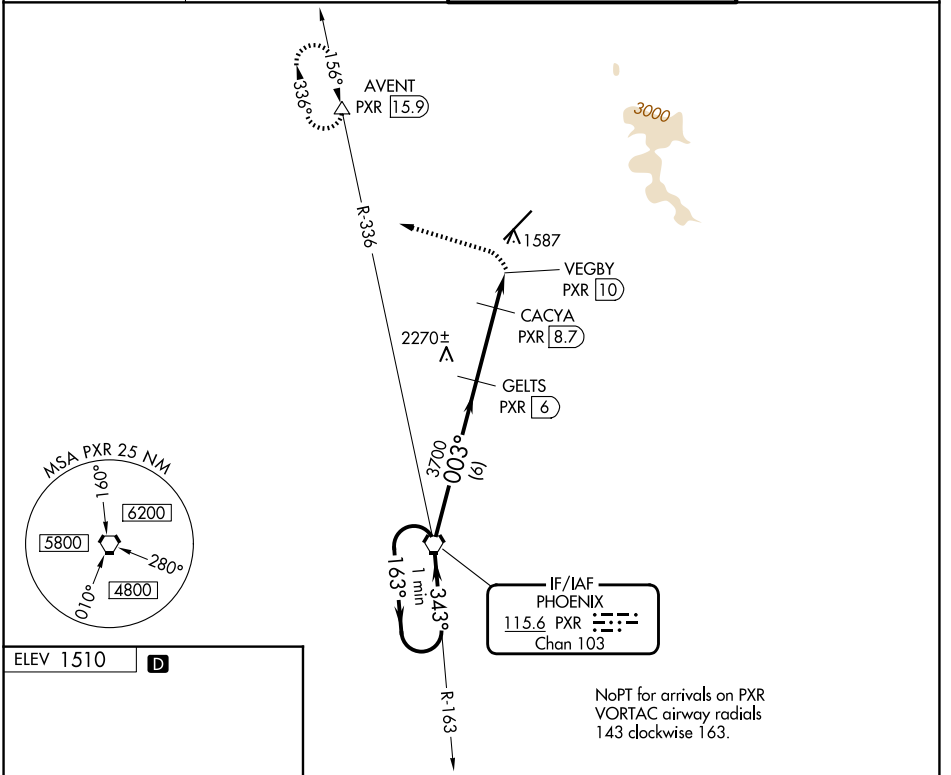
VORTAC PXR	APP CRS	Rwy Ldg	N/A
115.6	003°	TDZE	N/A
Chan 103		Apt Elev	1510

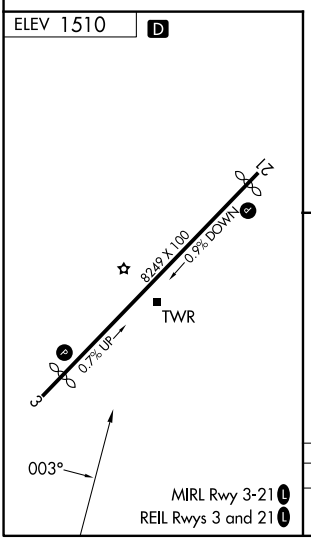
VOR/DME-A
SCOTTSDALE (SDL)

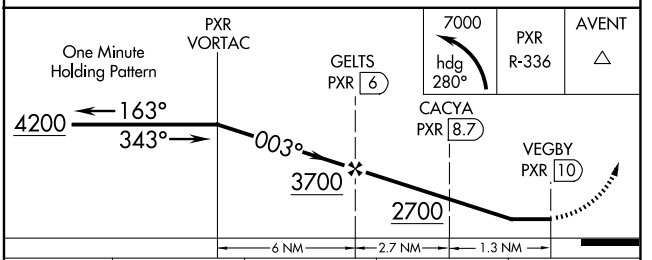
When local altimeter setting not received, use Phoenix Sky Harbor altimeter setting and increase all MDA 100 feet and increase visibility Cat C ¼ SM.

MISSED APPROACH: Climbing left turn to 7000 on heading 280° and on PXR VORTAC R-336 to AVENT/PXR 15.9 DME and hold, continue climb-in-hold to 7000.

ATIS	PHOENIX APP CON	SCOTTSDALE TOWER★	GND CON
118.6	120.7 239.0	119.9 (CTAF) L	121.6







CATEGORY	A	B	C	D
CIRCLING	2380-1½	870 (900-1½)	2460-2¾ 950 (1000-2¾)	3300-3 1790 (1800-3)

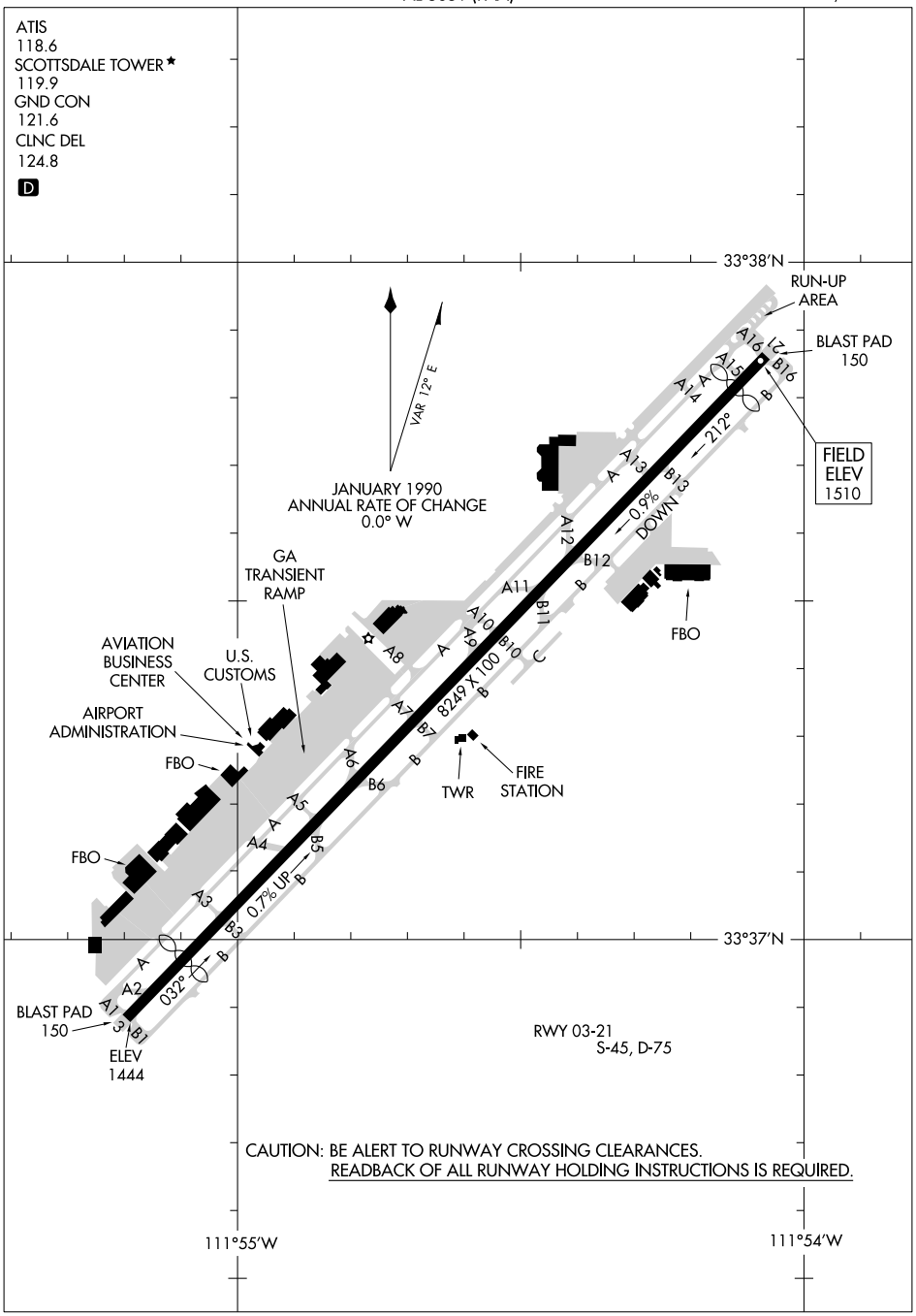
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26190

AIRPORT DIAGRAM

AL-5651 (FAA)

SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA



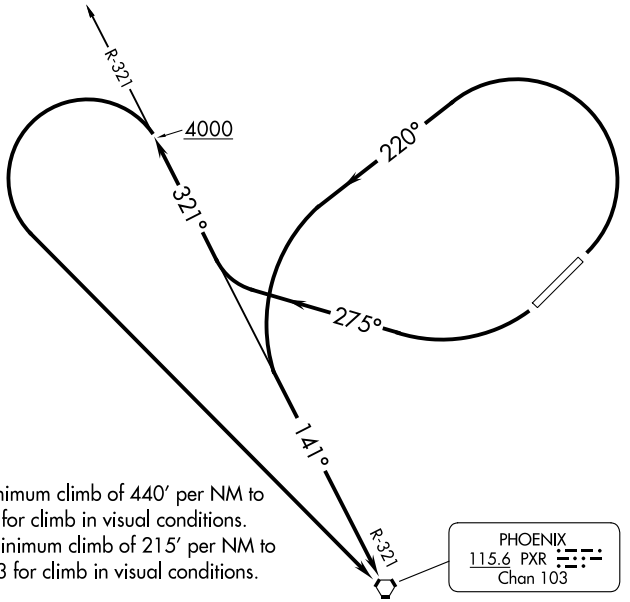
SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26190

SCOTTSDALE, ARIZONA
SCOTTSDALE (SDL)

MARICOPA ONE DEPARTURE (OBSTACLE)

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
SCOTTSDALE TOWER ★
119.9 (CTAF)



TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 440′ per NM to 4000, or 3100-3 for climb in visual conditions.

Rwy 21: Standard with minimum climb of 215′ per NM to 4000, or 3100-3 for climb in visual conditions.

TAKEOFF OBSTACLE NOTES

Rwy 3: Multiple light standards beginning 63′ from DER, 445′ left of centerline, up to 44′ AGL/1554′ MSL.
Hoist on dike 878′ from DER, 735′ left of centerline, 51′ AGL/1561′ MSL.
Dike beginning 1066′ from DER, 316′ left of centerline, 38′ AGL/1548′ MSL.
Day marker on dike, 1230′ from DER, 5′ left of centerline, 39′ AGL/1549′ MSL.
Tree 765′ from DER, 115′ left of centerline, 22′ AGL/1532′ MSL.
Road beginning 647′ from DER, 296′ left of centerline, 19′ AGL/1529′ MSL.
Fence beginning 5′ from DER, 338′ right of centerline, 6′ AGL/1511′ MSL.
Light standard 1013′ from DER, 430′ right of centerline, 44′ AGL/1552′ MSL.

Rwy 21: Trees 1072′ from DER, 426′ right of centerline, 53′ AGL/1497′ MSL.
Building 316′ from DER, 537′ right of centerline, 23′ AGL/1467′ MSL.
Tree 2087′ from DER, 418′ left of centerline, 61′ AGL/1505′ MSL.
Tree 1432′ from DER, 438′ right of centerline, 38′ AGL/1482′ MSL.
Tree 2234′ from DER, 559′ left of centerline, 58′ AGL/1502′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn to 4000 via heading 220° and PXR R-321 southeast bound to PXR VORTAC. Thence. . . . or, for climb in visual conditions: cross Scottsdale Airport at or above 4500 before proceeding on course.

TAKEOFF RUNWAY 21: Climbing right turn to 4000 via heading 275° and PXR R-321 northwest bound, when established on PXR R-321 northwest bound and reaching 4000, left turn direct PXR VORTAC. Thence. . . . or, for climb in visual conditions: cross Scottsdale Airport at or above 4500 before proceeding on course.

. . . .Continue climb on course.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(BNYRD6.BNYRD) 25051

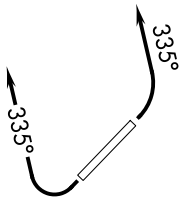
BNYRD SIX DEPARTURE (RNAV)

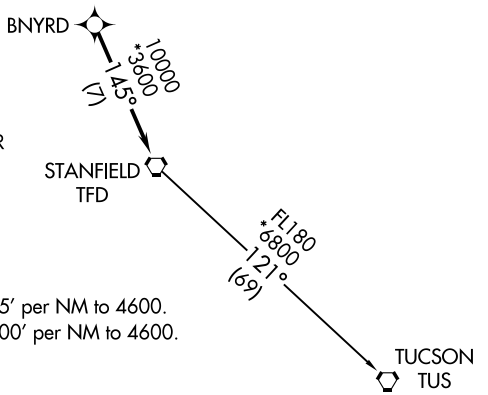
AL-5651 (FAA)

SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER ★
119.9

TOP ALTITUDE: ASSIGNED BY ATC





NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
NOTE: Rwy 21: Do not exceed 210K until established on assigned heading.

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 445′ per NM to 4600.
Rwy 21: Standard with minimum climb of 300′ per NM to 4600.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 335° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climbing right turn heading 335° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to BNYRD, then on track 145° to TFD VORTAC, then on (transition), maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

TUCSON TRANSITION (BNYRD6.TUS)

SW-4, 03 SEP 2026 to 29 OCT 2026

FTHLS SIX DEPARTURE (RNAV)

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER★
119.9

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 445' per NM to 4600.
Rwy 21: Standard with minimum climb of 300' per NM to 4600.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: ABQ transition ATC assigned only.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO file FTHLS DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK file LALUZ DEPARTURE.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS file YOTES DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
NOTE: Rwy 21: Do not exceed 210K until established on assigned heading.

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 335° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAY 21: Climbing right turn heading 335° or as assigned by ATC. Thence. . . .

. . . .expect RADAR vectors to BROAK, then on track 059° to FTHLS, then on (transition).
Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (FTHLS6.ABQ)

JNIPR TRANSITION (FTHLS6.JNIPR)

MAXXO TRANSITION (FTHLS6.MAXXO)

SW-4, 03 SEP 2026 to 29 OCT 2026

IZZO EIGHT DEPARTURE (RNAV)

(IZZO8.IZZO) 25JAN24

SCOTTSDALE, ARIZONA

SCOTTSDALE (SDL)

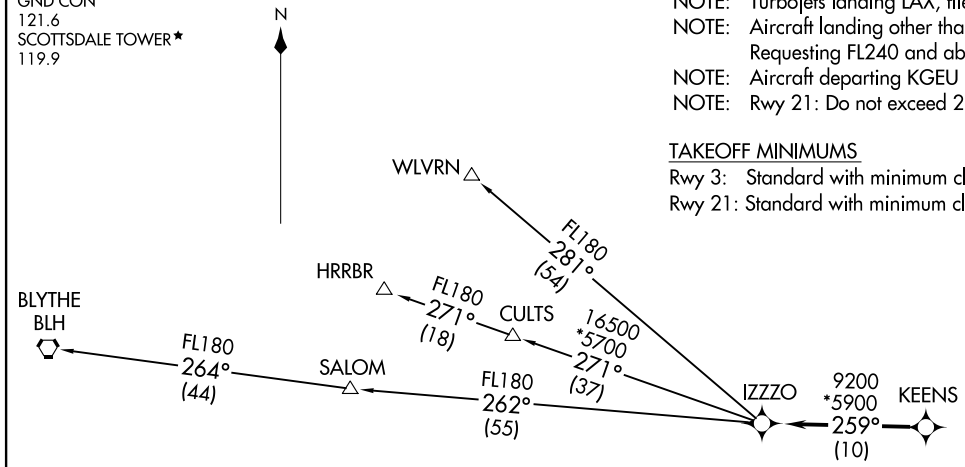
PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER★
119.9

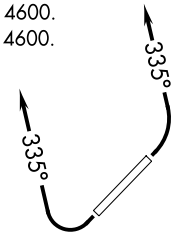
TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - GPS.
RADAR required.

NOTE: Turbojets and turboprops only.
NOTE: Aircraft requesting FL220 and below must file BLYTHE Transition.
NOTE: Turbojets landing LAX, file WLVRN Transition.
NOTE: Aircraft landing other than LAX and turboprops landing at LAX: Requesting FL240 and above, file HRRBR Transition.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
NOTE: Rwy 21: Do not exceed 210K until established on assigned heading.

TAKEOFF MINIMUMS
Rwy 3: Standard with minimum climb of 445'/NM to 4600.
Rwy 21: Standard with minimum climb of 300'/NM to 4600.



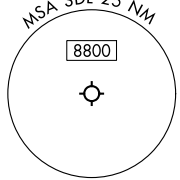


DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 335° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAY 21: Climbing right turn heading 335° or as assigned by ATC. Thence. . . .

. . . .for RADAR vectors to KEENS, then on track 259° to IZZZO, then on (transition).
Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

BLYTHE TRANSITION (IZZZO8.BLH)
HRRBR TRANSITION (IZZZO8.HRRBR)
WLVRN TRANSITION (IZZZO8.WLVRN)



NOTE: Chart not to scale.

IZZZO EIGHT DEPARTURE (RNAV)

(IZZZO8.IZZZO) 26078

AL-5651 (FAA)

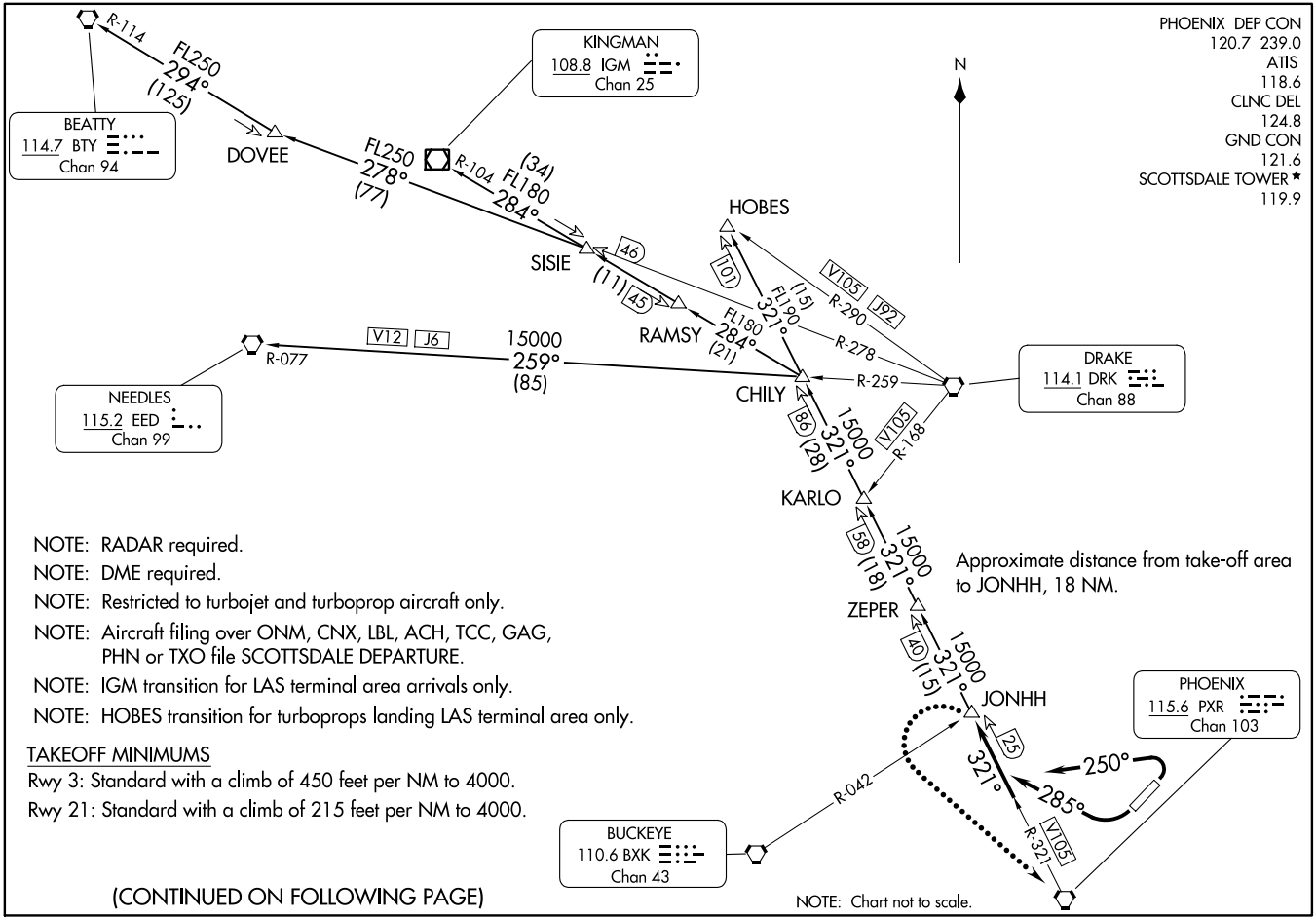
SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA

JONHH TWO DEPARTURE

(JONHH2.JONHH) 20JUN19

SCOTTSDALE, ARIZONA

SCOTTSDALE (SDL)



NOTE: RADAR required.

NOTE: DME required.

NOTE: Restricted to turbojet and turboprop aircraft only.

NOTE: Aircraft filing over ONM, CNX, LBL, ACH, TCC, GAG, PHN or TXO file SCOTTSDALE DEPARTURE.

NOTE: IGM transition for LAS terminal area arrivals only.

NOTE: HOBES transition for turboprops landing LAS terminal area only.

Approximate distance from take-off area to JONHH, 18 NM.

TAKEOFF MINIMUMS

Rwy 3: Standard with a climb of 450 feet per NM to 4000.

Rwy 21: Standard with a climb of 215 feet per NM to 4000.

(CONTINUED ON FOLLOWING PAGE)

(JONHH2.JONHH) 26246

JONHH TWO DEPARTURE

AL-5651 (FAA)

SCOTTSDALE (SDL)

SCOTTSDALE, ARIZONA

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 250° to intercept and proceed on PXR R-321 to JONHH INT. Thence. . . .

TAKEOFF RUNWAY 21: Climbing right turn heading 285° to intercept and proceed on PXR R-321 to JONHH INT. Thence. . . .

. . . .on assigned transition.

LOST COMMUNICATIONS: If not in contact with departure control at JONHH INT, turn left direct to PXR VORTAC, thence via assigned transition. Expect filed altitude 3 minutes after departure.

BEATTY TRANSITION (JONHH2.BTY): From over JONHH INT on PXR R-321 to CHILY INT, then on IGM R-104 to SISIE INT, then on DRK R-278 to DOVEE INT, then on BTY R-114 to BTY VORTAC.

HOBES TRANSITION (JONHH2.HOBES): From over JONHH INT on PXR R-321 to HOBES INT.

KINGMAN TRANSITION (JONHH2.IGM): From over JONHH INT on PXR R-321 to CHILY INT, then on IGM R-104 to IGM VOR/DME.

NEEDLES TRANSITION (JONHH2.EED): From over JONHH INT on PXR R-321 to CHILY INT, then on DRK R-259 and EED R-077 to EED VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER★
119.9

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 335° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climbing right turn heading 335° or as assigned by ATC. Thence. . . .

. . . .expect RADAR vectors to GBN VORTAC, then on track 249° to JUDTH, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

MOHAK TRANSITION (JUDTH7.MOHAK)

TOP ALTITUDE: ASSIGNED BY ATC

335°
335°

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
NOTE: Rwy 21: Do not exceed 210K until established on assigned heading.

TAKEOFF MINIMUMS
Rwy 3: Standard with minimum climb of 445' per NM to 4600.
Rwy 21: Standard with minimum climb of 300' per NM to 4600.

NOTE: Chart not to scale.

(KATMN6.KATMN) 25051

KATMN SIX DEPARTURE (RNAV)

AL-5651 (FAA)

SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER*
119.9

TOP ALTITUDE: ASSIGNED BY ATC

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 335° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climbing right turn heading 335° or as assigned by ATC. Thence. . . .

. . . .on RADAR vectors to ECLPS, then on track 111° to KATMN, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

PHASE TRANSITION (KATMN6.PHASE)

TAKEOFF MINIMUMS
Rwy 3: Standard with minimum climb of 445' per NM to 4600.
Rwy 21: Standard with minimum climb of 300' per NM to 4600.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
NOTE: Rwy 21: Do not exceed 210K until established on assigned heading.

NOTE: Chart not to scale.

SW-4, 03 SEP 2026 to 29 OCT 2026

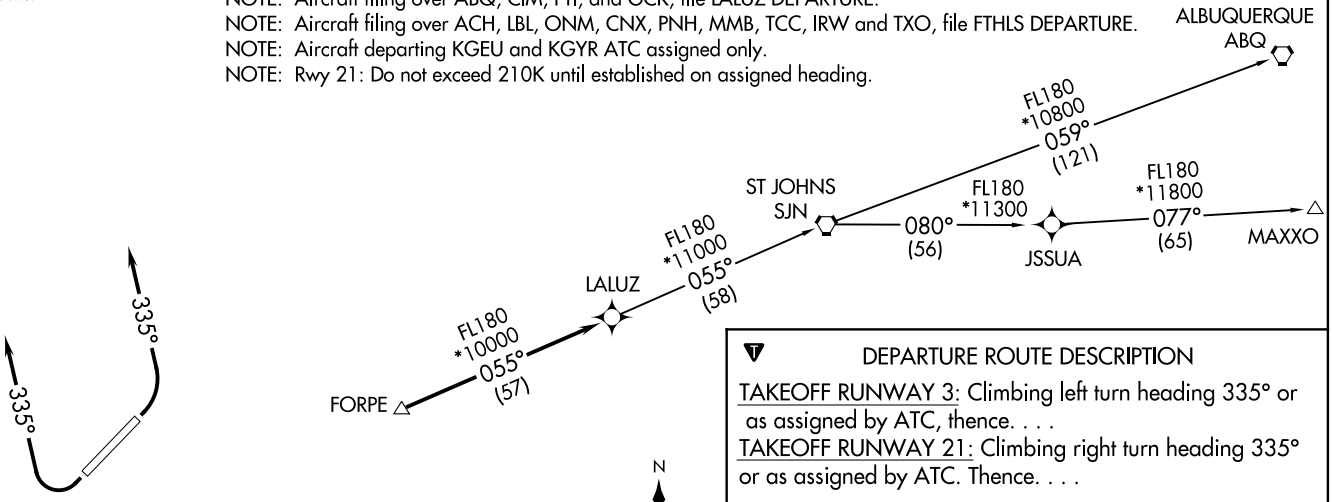
LALUZ SIX DEPARTURE (RNAV)

(LALUZ6.LALUZ) 24MAY18

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER★
119.9

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: SJN TRANSITION for ABQ terminal arrivals only.
NOTE: MAXXO TRANSITION ATC assigned only.
NOTE: Aircraft filing over DEN, RSK, ALS, and points north of ALS, file YOTES DEPARTURE.
NOTE: Aircraft filing over ABQ, CIM, FTI, and GCK, file LALUZ DEPARTURE.
NOTE: Aircraft filing over ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW and TXO, file FTHLS DEPARTURE.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
NOTE: Rwy 21: Do not exceed 210K until established on assigned heading.

TOP ALTITUDE: ASSIGNED BY ATC



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 335° or as assigned by ATC, thence. . . .
TAKEOFF RUNWAY 21: Climbing right turn heading 335° or as assigned by ATC. Thence. . . .

. . . .expect RADAR vectors to FORPE, then on track 055° to LALUZ, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (LALUZ6.ABQ)
MAXXO TRANSITION (LALUZ6.MAXXO)
ST JOHNS TRANSITION (LALUZ6.SJN)

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 445′ per NM to 4600.
Rwy 21: Standard with minimum climb of 300′ per NM to 4600.

NOTE: Chart not to scale.

SCOTTSDALE, ARIZONA
SCOTTSDALE (SDL)

(LALUZ6.LALUZ) 25051
LALUZ SIX DEPARTURE (RNAV)
SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA

AL-5651 (FAA)

499

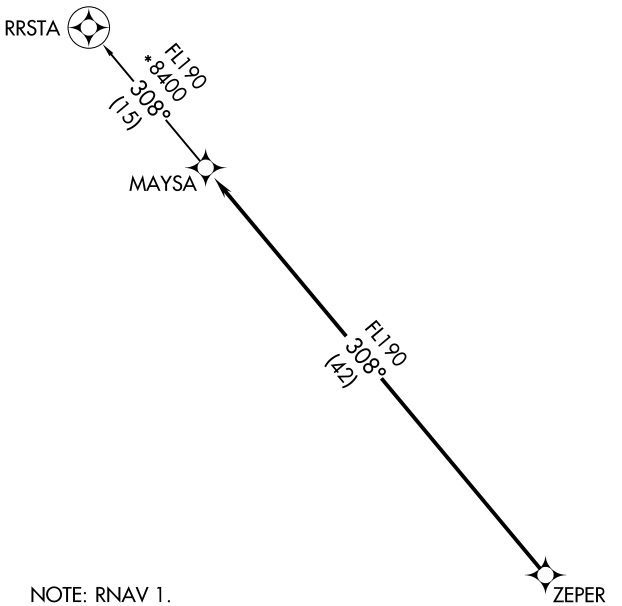
(MAYSA7.MAYSA) 25051

MAYSA SEVEN DEPARTURE (RNAV) AL-5651 (FAA)

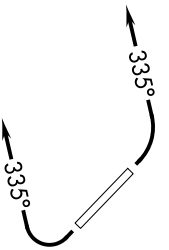
SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA

TOP ALTITUDE: ASSIGNED BY ATC

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER★
119.9



NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only. Do not file.
NOTE: Rwy 21: Do not exceed 210K until established on assigned heading.



TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 445′ per NM to 4600.
Rwy 21: Standard with minimum climb of 300′ per NM to 4600.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 335° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climbing right turn heading 335° or as assigned by ATC. Thence. . . .

. . . .expect RADAR vectors to cross ZEPER at or above 10000, then on track 308° to MAYSA, then on RRSTA TRANSITION. Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

RRSTA TRANSITION (MAYSA7.RRSTA)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SCOTTSDALE SEVEN DEPARTURE

(SCOT7.SCOT) 26JUL12

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER ★
119.9 (CTAF)

Approximate distance from Take-off area to JONHH, 18 NM.

N

JONHH
25
250°
321°
285°
R-321
R-054
R-206
R-042
R-080
R-077
R-236
R-240
R-288
R-343
R-055
R-295
R-301

BLYTHE
117.4 BLH
Chan 121

54 5900 *5900 262° (98) V16 44

BUCKEYE
110.6 BXK
Chan 43

5500 *5300 257° V16

FORPE
86 67
V190 J18-102
13000 *12000 054° 38
(115)

ALBUQUERQUE
113.2 ABQ
Chan 79

L-8, H-4
13000 *11100 059° (90)
J18 V190
R-240 (31)
ACOMA

ST. JOHNS
112.3 SJN
Chan 70

PHOENIX
115.6 PXR
Chan 103

11000 *6600 206°
*8000 *5200 163°
(14)

MOBIE
27

WINRR

11000 *6600 235° (20)

GILA BEND
116.6 GBN
Chan 113

STANFIELD
114.8 TFD
Chan 95

8000 *6700 (24) 133°
J92 V105

15000 *10000 107° (59)

8000 *6700 121° (69)

8000 *6700 115° (6)

BASER

DINGO

PUSCH

FL180 *11400 107° (41)
100

OLIIN

40

TUCSON
116.0 TUS
Chan 107

NOTE: DME required.
NOTE: RADAR required.
NOTE: Restricted to turbojet and turboprop aircraft only.
NOTE: Turbojets landing LAX file J4 after BXK.
NOTE: Aircraft landing other than LAX, and turboprops landing LAX requesting FL240 and above, file J212 after BXK.
NOTE: Aircraft filing via SJN, ABQ, LVS, CIM, or GCK use ABQ transition.
NOTE: Aircraft filing south of LVS, via TCC, PNH, LBL, GAG, or TXO use SCOTTSDALE DEPARTURE.
NOTE: BLYTHE transition restricted to aircraft requesting FL220 and below.
NOTE: All transitions require RADAR vectors from over JONHH.

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 440′ per NM to 4000.
Rwy 21: Standard with minimum climb of 215′ per NM to 4000.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SCOTTSDALE, ARIZONA
SCOTTSDALE (SDL)

(SCOT7.SCOT) 26246
SCOTTSDALE SEVEN DEPARTURE

AL-5651 (FAA)

SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA

(SCOT7.SCOT) 18312

SCOTTSDALE SEVEN DEPARTURE

AL-5651 (FAA)

SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 250° to intercept and proceed via PXR R-321 to JONHH INT. Thence. . . .
TAKEOFF RUNWAY 21: Climbing right turn heading 285° to intercept and proceed via PXR R-321 to JONHH INT. Thence. . . .

. . . .via RADAR vectors to (assigned route).

LOST COMMUNICATIONS: If not in contact with departure control at JONHH INT, turn left direct to PXR VORTAC, thence via assigned transition. Expect filed altitude 3 minutes after departure.

ALBUQUERQUE TRANSITION (SCOT7.ABQ): From over JONHH INT on RADAR vectors and PXR R-054 and SJN R-236 to SJN VORTAC, then on SJN R-059 and ABQ R-240 to ABQ VORTAC.

BLYTHE TRANSITION (SCOT7.BLH): From over JONHH INT on RADAR vectors and BXK R-077 to BXK VORTAC, then on BXK R-262 and BLH R-080 to BLH VORTAC.

BUCKEYE TRANSITION (SCOT7.BXK): From over JONHH INT on RADAR vectors and BXK R-077 to BXK VORTAC.

DINGO TRANSITION (SCOT7.DINGO): From over JONHH INT on RADAR vectors and TFD R-343 to TFD VORTAC, then on TFD R-133 to BASER INT, and then on TUS R-295 to DINGO INT.

GILA BEND TRANSITION (SCOT7.GBN): From over JONHH INT on RADAR vectors and PXR R-206 to MOBIE INT, then on GBN R-055 to GBN VORTAC.

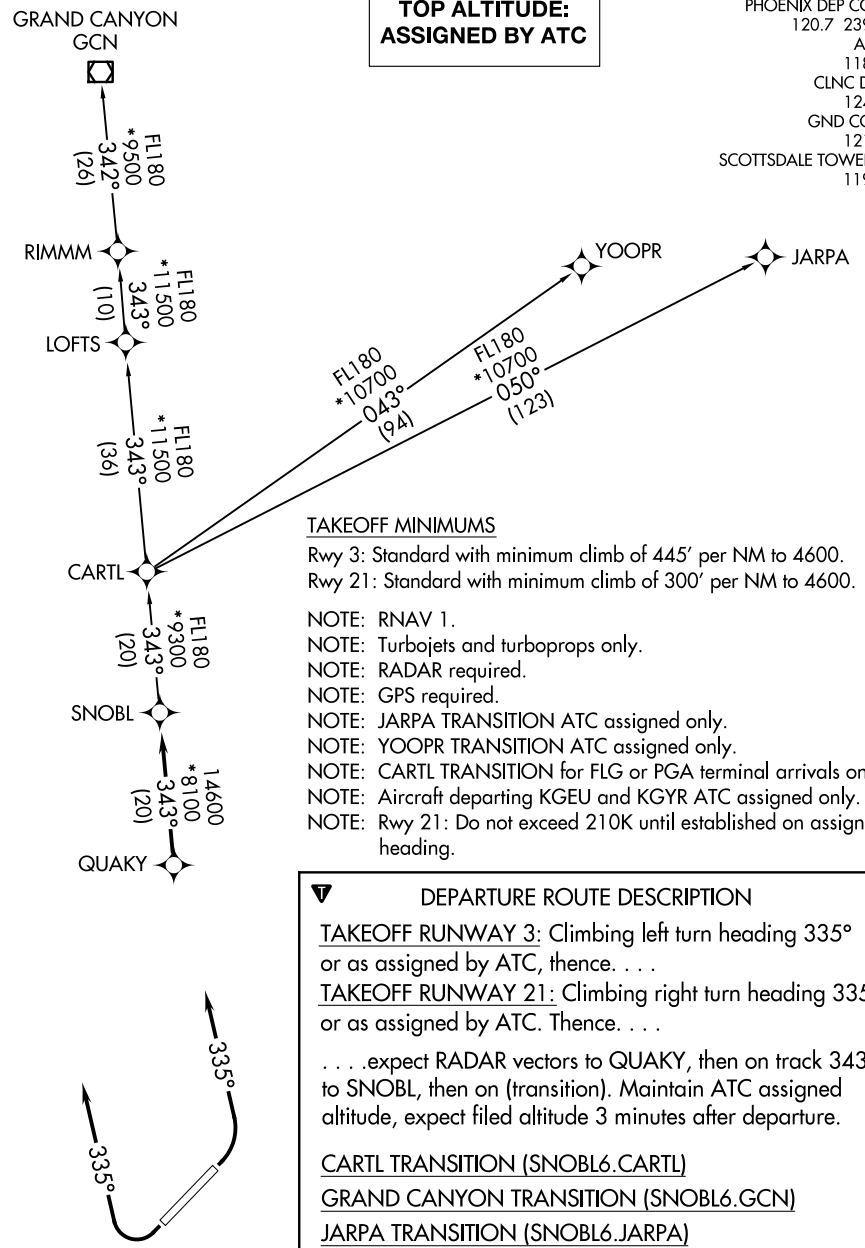
OLIIN TRANSITION (SCOT7.OLIIN): From over JONHH INT on RADAR vectors and TFD R-343 to TFD VORTAC, then on TFD R-107 to PUSCH INT, and then on TFD R-107 to OLIIN INT.

TUCSON TRANSITION (SCOT7.TUS): From over JONHH INT on RADAR vectors and TFD R-343 to TFD VORTAC, then on TFD R-121 and TUS R-301 to TUS VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE: ASSIGNED BY ATC

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER★
119.9



NOTE: Chart not to scale.

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 445′ per NM to 4600.
Rwy 21: Standard with minimum climb of 300′ per NM to 4600.

NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: JARPA TRANSITION ATC assigned only.
NOTE: YOOPR TRANSITION ATC assigned only.
NOTE: CARTL TRANSITION for FLG or PGA terminal arrivals only.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
NOTE: Rwy 21: Do not exceed 210K until established on assigned heading.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 335° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climbing right turn heading 335° or as assigned by ATC. Thence. . . .

. . . .expect RADAR vectors to QUAKY, then on track 343° to SNOBL, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

CARTL TRANSITION (SNOBL6.CARTL)

GRAND CANYON TRANSITION (SNOBL6.GCN)

JARPA TRANSITION (SNOBL6.JARPA)

RIMMM TRANSITION (SNOBL6.RIMMM)

YOOPR TRANSITION (SNOBL6.YOOPR)

(YOTES6.YOTES) 25051

YOTES SIX DEPARTURE (RNAV)

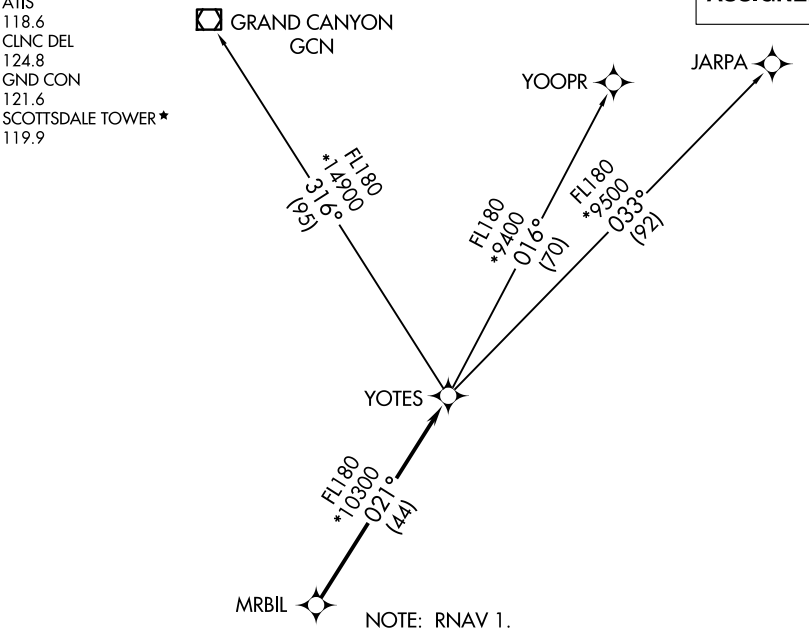
AL-5651 (FAA)

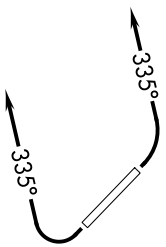
SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

PHOENIX DEP CON
120.7 239.0
ATIS
118.6
CLNC DEL
124.8
GND CON
121.6
SCOTTSDALE TOWER *
119.9

TOP ALTITUDE: ASSIGNED BY ATC





NOTE: RNAV 1.
NOTE: Turbojets and turboprops only.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: GCN TRANSITION ATC assigned only.
NOTE: Aircraft departing KGEU and KGYR ATC assigned only.
NOTE: Rwy 21: Do not exceed 210K until established on assigned heading.

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 445′ per NM to 4600.
Rwy 21: Standard with minimum climb of 300′ per NM to 4600.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 335° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 21: Climbing right turn heading 335° or as assigned by ATC. Thence. . . .

. . . .expect RADAR vectors to MRBIL, then on track 021° to YOTES, then on (transition). Maintain ATC assigned altitude, expect filed altitude 3 minutes after departure.

GRAND CANYON TRANSITION (YOTES6.GCN)

JARPA TRANSITION (YOTES6.JARPA)

YOOPR TRANSITION (YOTES6.YOOPR)

APP CRS	Rwy Ldg	5132
033°	TDZE	4793
	Apt Elev	4831

RNAV (GPS) RWY 3

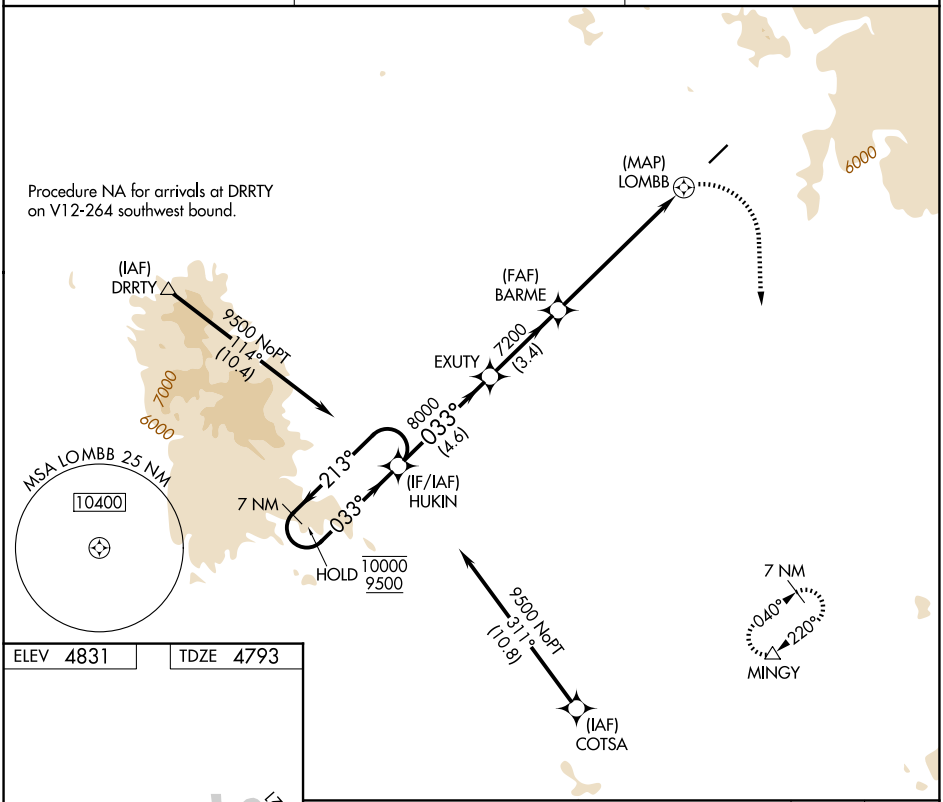
SEDONA (SEZ)

RNP APCH - GPS.

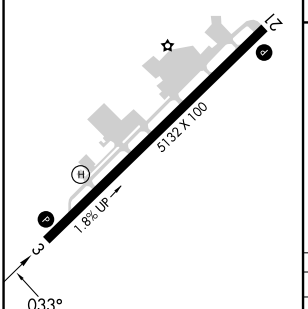
Circling NA northwest of Rwy 3-21. Circling Rwy 21 NA at night. When local altimeter not received, procedure NA.

MISSED APPROACH: Climbing right turn to 12000 direct MINGY and hold, contiune climb-in-hold to 12000

AWOS-3PT	PHOENIX APP CON	UNICOM
118.525	126.375 236.775	123.0 (CTAF) L

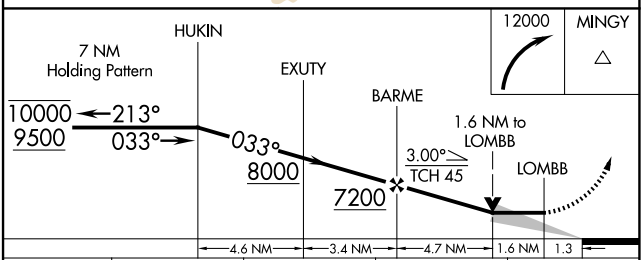


ELEV 4831	TDZE 4793



MIRL Rwy 3-21 L

REIL Rwys 3 and 21 L



CATEGORY	A	B	C	D
LNAV MDA	5720-1½ 927 (1000-1½)	5740-1½ 947 (1000-1½)	6460-3 1667 (1700-3)	6640-3 1847 (1900-3)
CIRCLING	5720-1½ 889 (900-1½)	5880-1½ 1049 (1100-1½)	7080-3 2249 (2300-3)	NA

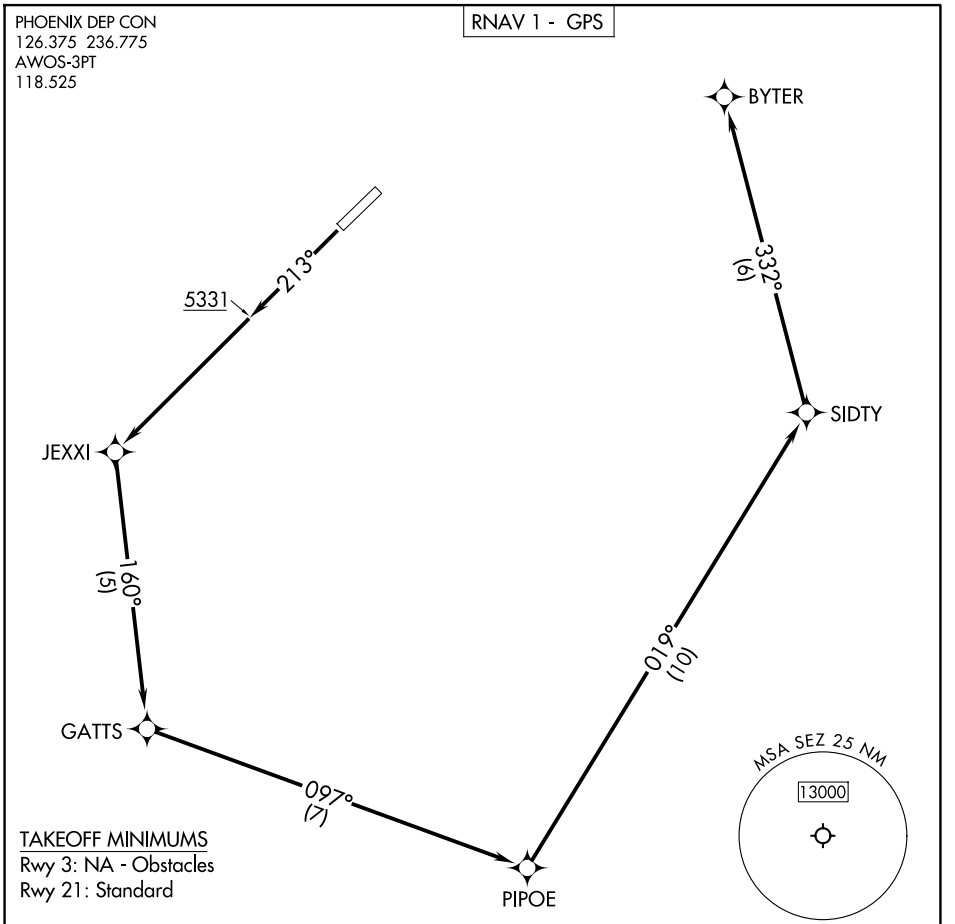
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(BYTER1.BYTER) 23166

BYTER ONE DEPARTURE (OBSTACLE) (RNAV)

AL-6169 (FAA)

SEDONA (SEZ)
SEDONA, ARIZONA



TAKEOFF OBSTACLE NOTES

Rwy 21: Trees, terrain, light poles, vegetation, fence beginning from DER, 94' left of centerline, up to 12' AGL/4758' MSL.
Light poles 9' from DER, 93' right of centerline, 4' AGL/4737' MSL.
Vegetation 16' from DER, 173' right of centerline, 4738' MSL.
Vegetation, trees, fence beginning 19' from DER, 144' left of centerline, up to 4760' MSL.
Pole and vegetation beginning 31' from DER, 130' right of centerline, up to 21' AGL/4743' MSL.

NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 21: Climb on heading 213° to 5331, then climb direct JEXXI, then climbing left turn on track 160° to GATTS, then on track 097° to PIPOE, then on track 019° to SIDTY, then on track 332° to cross BYTER at or above MEA for route of flight.

BYTER ONE DEPARTURE (OBSTACLE) (RNAV)

SEDONA, ARIZONA
SEDONA (SEZ)

(BYTER1.BYTER) 15JUN23

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH 72718 W25A	APP CRS 246°	Rwy Ldg 7200 / TDZE 6405 / Apt Elev 6416

RNAV (GPS) RWY 25

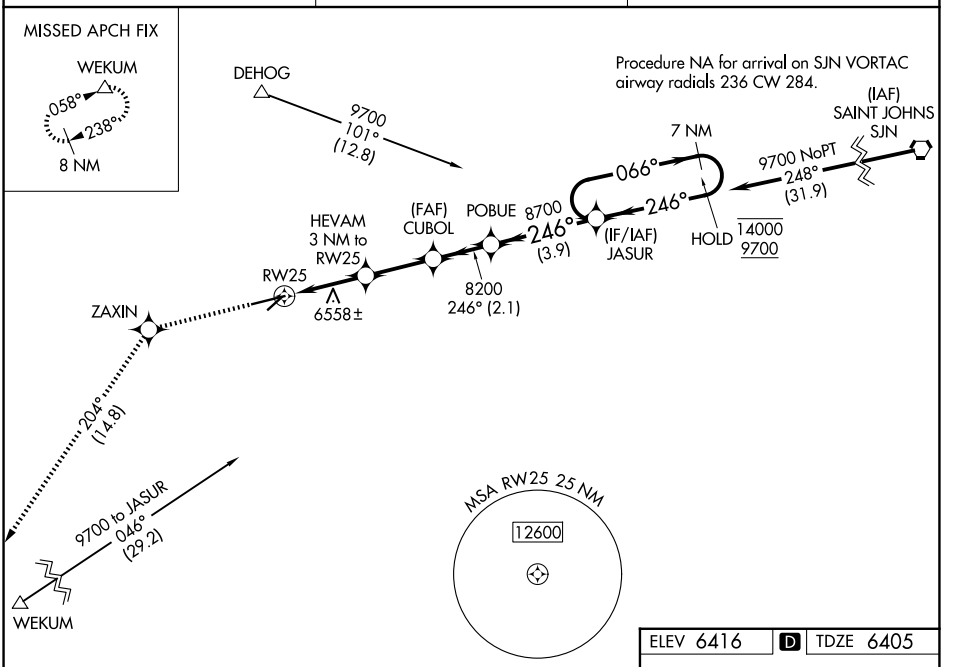
SHOW LOW RGNL (SOW)

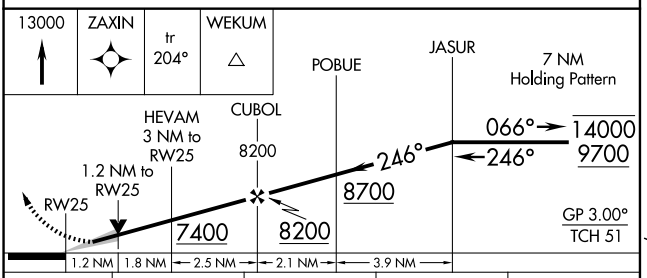
RNP APCH-GPS.

Circling NA southeast of Rwys 4 and 25. Circling Rwy 4 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

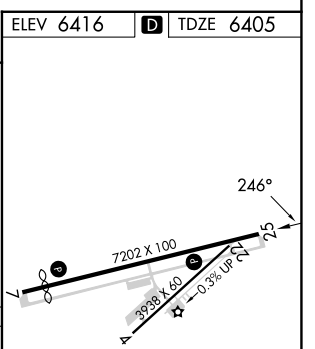
MISSED APPROACH: Climb to 13000 direct ZAXIN and on track 204° to WEKUM and hold, continue climb-in-hold to 13000.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
118.075	132.9 239.05	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	6605-¾ 200 (200-¾)			
LNAV/VNAV DA	6704-⅞ 299 (300-⅞)			
LNAV MDA	6820-1 415 (500-1)		6820-1⅛ 415 (500-1⅛)	
CIRCLING	6840-1 424 (500-1)	6880-1 464 (500-1)	7180-2¼ 764 (800-2¼)	7340-3 924 (1000-3)



REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SILVER SPRINGS, NEVADA | AL-9917 (FAA) | 26022

WAAS CH 65740 W24A	APP CRS 236°	Rwy Ldg 6001 / TDZE 4237 / Apt Elev 4265

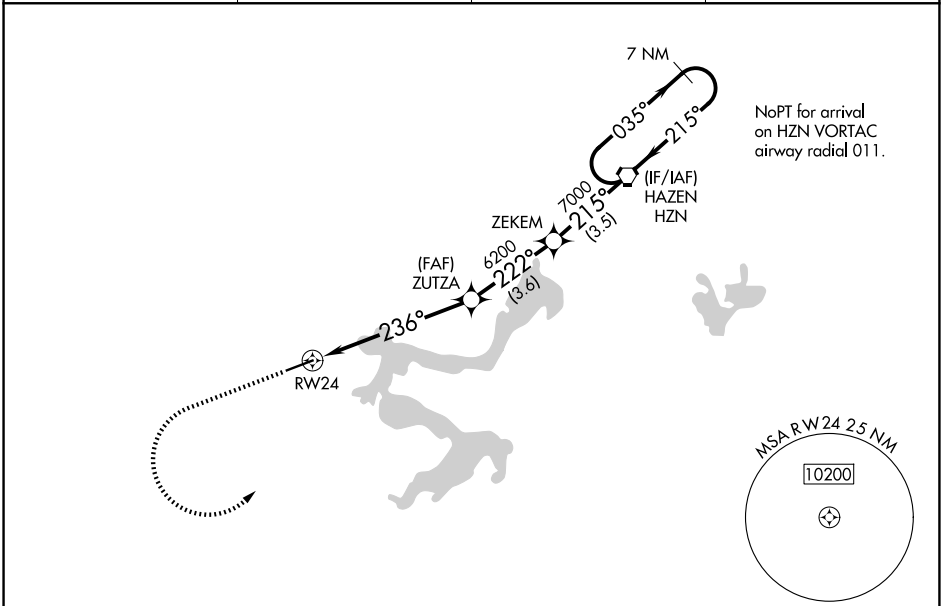
RNAV (GPS) RWY 24

SILVER SPRINGS (SPZ)

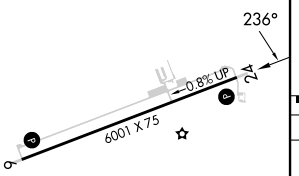
T NA — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (-9°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Use Fallon NAS (Van Voorhis Fld) altimeter setting; when not received, use Reno/Tahoe Intl altimeter setting.

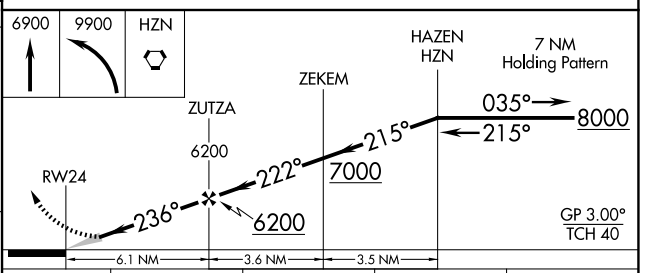
MISSED APPROACH: Climb to 6900 then climbing left turn to 9900 direct HZN VORTAC and hold, continue climb-in-hold to 9900.
*Missed approach requires minimum climb of 315 feet per NM to 6900.

AWOS-2	KNFL ATIS*	NAVY FALLON APP CON	CTAF
120.475	370.925	120.85 360.2	122.9 L



ELEV 4265 | TDZE 4237





CATEGORY	A	B	C	D
LPV DA*	4593-1¼ 356 (400-1¼)			NA
LPV DA	5007-3 770 (800-3)			NA
LNAV/VNAV DA	5209-4 972 (1000-4)			NA
LNAV MDA	5280-1¼ 1043 (1100-1¼)	5280-1½ 1043 (1100-1½)	5280-3 1043 (1100-3)	NA
CIRCLING	5280-1¼ 1015 (1100-1¼)	5620-1½ 1355 (1400-1½)	6040-3 1775 (1800-3)	NA

MIRL Rwy 6-24 L
REIL Rwys 6 and 24 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 12

SPANISH FORK MUNI/WOODHOUSE FLD (SPK)

WAAS	APP CRS	Rwy Ldg	6500
CH 82342	121°	TDZE	4527
W12B		Apt Elev	4530

RNP APCH - GPS.

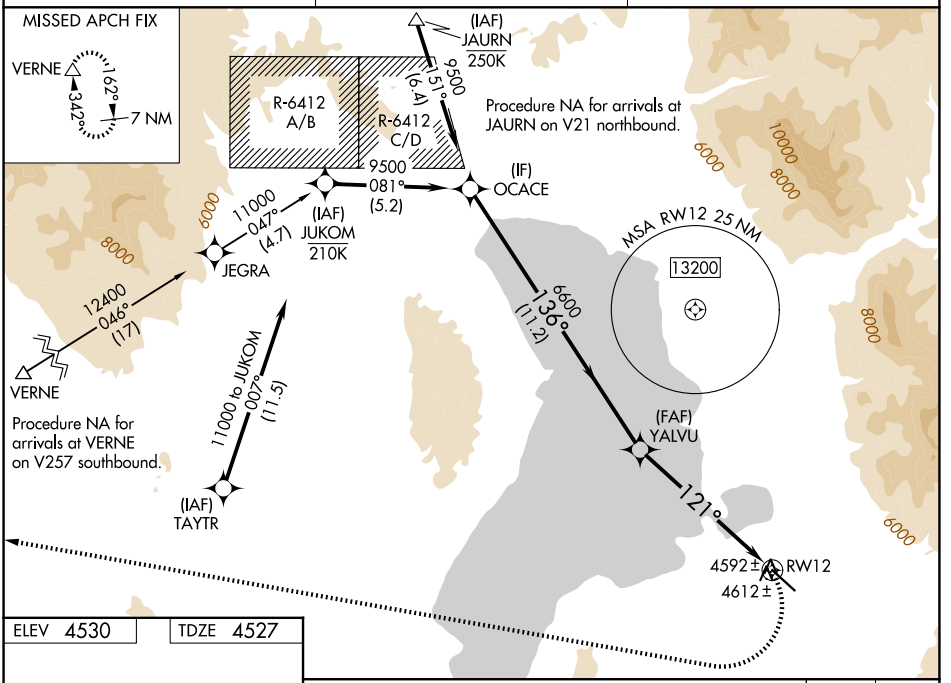
NA

-17°C

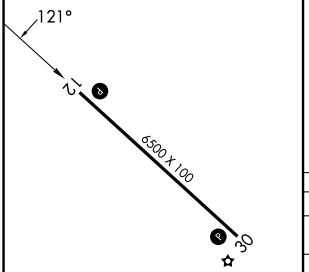
Rwy 12 helicopter visibility reduction below ¾ SM NA. VDP NA when using PVU altimeter setting. When local altimeter setting not received, use PVU altimeter setting and increase all MDAs 20 feet. Circling NA for Cat D northeast of Rwy 12-30.

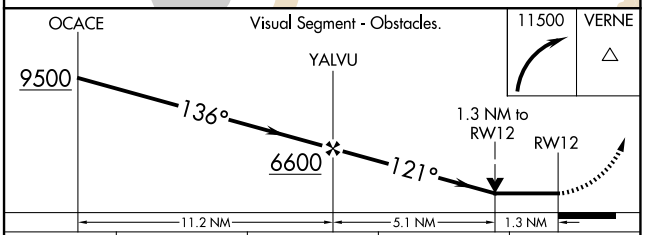
MISSED APPROACH: Climbing right turn to 11500 direct VERNE and hold.
*Missed approach requires minimum climb of 380 feet per NM to 7600.

AWOS-3PT	SALT LAKE CITY APP CON	CTAF
119.275	118.85 233.7	122.9 L



ELEV 4530	TDZE 4527





CATEGORY	A	B	C	D
LP MDA*	4980-1	453 (500-1)	4980-1⅜	453 (500-1⅜)
LNAV MDA*	4980-1	453 (500-1)	4980-1⅜	453 (500-1⅜)
LP MDA	6040-1¼ 1513 (1600-1¼)	6040-1½ 1513 (1600-1½)	6040-3	1513 (1600-3)
LNAV MDA	6160-1¼ 1633 (1700-1¼)	6160-1½ 1633 (1700-1½)	6160-3	1633 (1700-3)
CIRCLING	6160-1¼ 1630 (1700-1¼)	6160-1½ 1630 (1700-1½)	6160-3	1630 (1700-3)

MIRL Rwy 12-30 L
REIL Rwys 12 and 30 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SPANISH FORK, UTAH | AL-11420 (FAA) | 26078

RNAV (GPS)-A

SPANISH FORK MUNI/WOODHOUSE FLD (SPK)

APP CRS	Rwy Ldg	N/A
084°	TDZE	N/A
	Apt Elev	4530

RNP APCH-GPS.

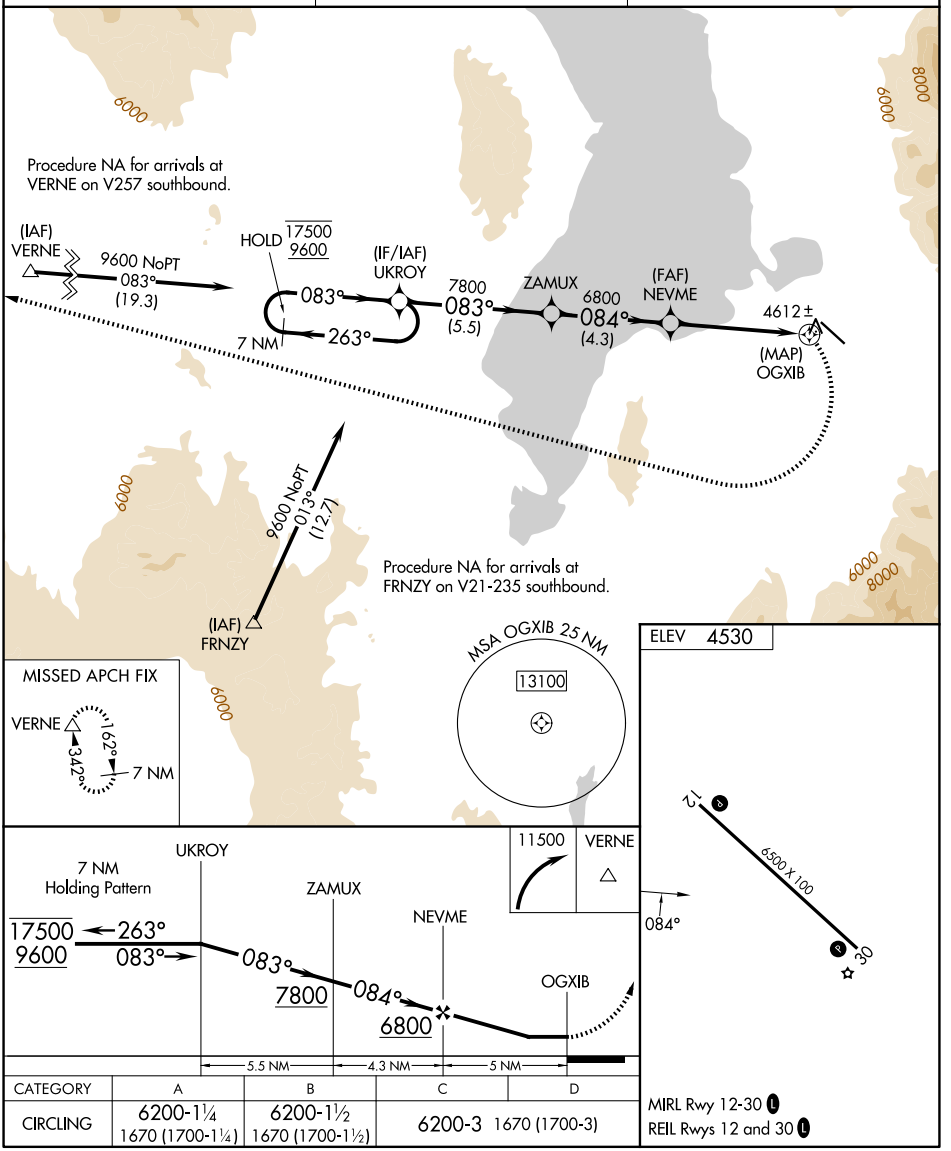
NA

-17°C

When local altimeter setting not received, use Provo altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: (Do not exceed 185K until turn completion) Climbing right turn to 11500 direct VERNE and hold.

AWOS-3PT	SALT LAKE CITY APP CON	CTAF
119.275	118.85 233.7	122.9 L



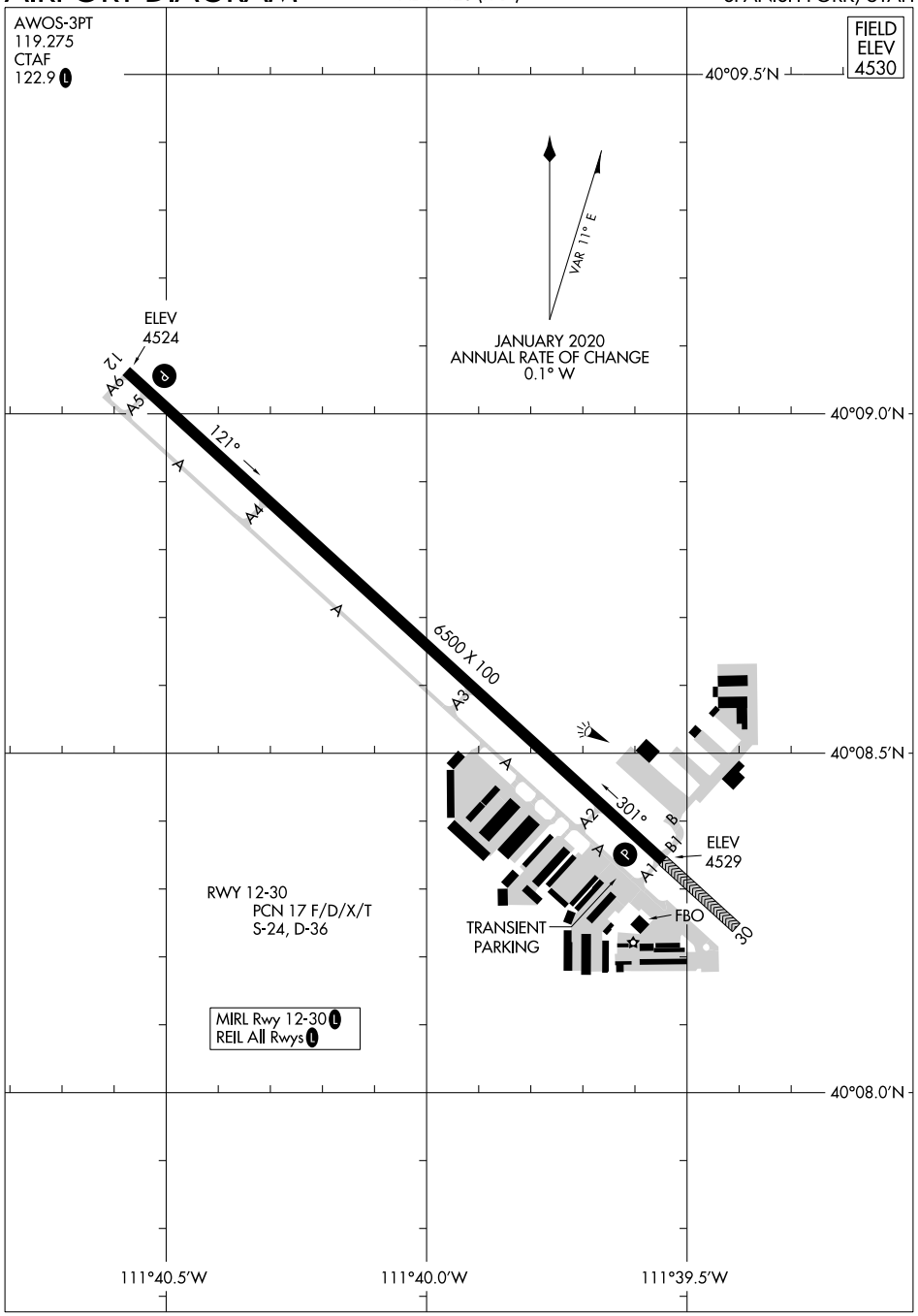
CATEGORY	A	B	C	D
CIRCLING	6200-1¼ 1670 (1700-1¼)	6200-1½ 1670 (1700-1½)	6200-3 1670 (1700-3)	

MIRL Rwy 12-30 L

REIL Rwys 12 and 30 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026



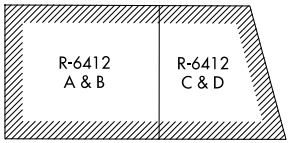
SW-4, 03 SEP 2026 to 29 OCT 2026

(SPK1.FFU) 23334 SPANISH FORK MUNI/WOODHOUSE FLD (SPK)

SPANISH FORK ONE DEPARTURE (OBSTACLE)

AL-11420 (FAA) SPANISH FORK, UTAH

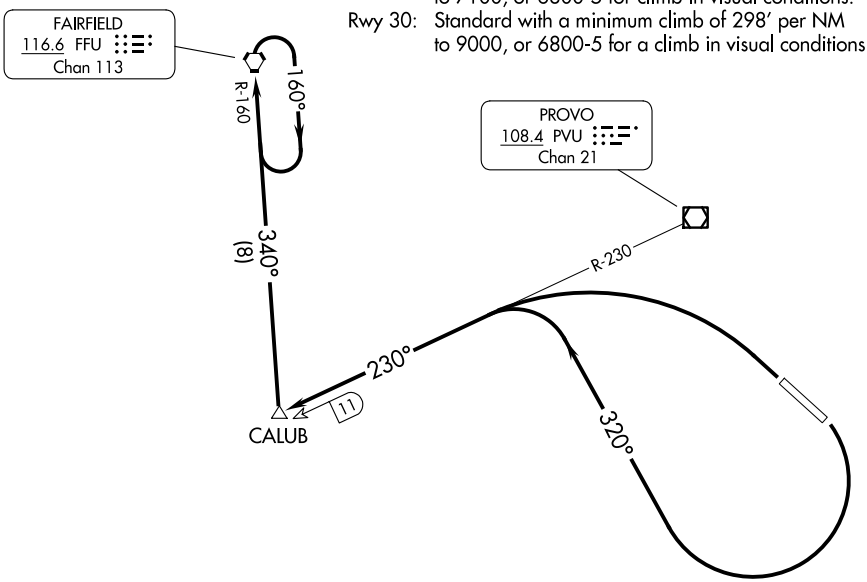
SALT LAKE CITY DEP CON
118.85 233.7
CTAF
122.9



TAKEOFF MINIMUMS

Rwy 12: Standard with a minimum climb of 455' per NM to 7100, or 6800-5 for climb in visual conditions.

Rwy 30: Standard with a minimum climb of 298' per NM to 9000, or 6800-5 for a climb in visual conditions.



NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climbing right turn to 11500 on heading 320° and PVU VOR/DME R-230 to CALUB INT/PVU 11 DME, do not exceed 240K until CALUB INT/PVU 11 DME, thence . . . .

TAKEOFF RUNWAY 30: Climbing left turn to 11500 to intercept PVU VOR/DME R-230 to CALUB INT/PVU 11 DME, thence . . . .

. . . . Climbing right turn on FFU R-160 to FFU VORTAC and hold, continue climb-in-hold to cross FFU VORTAC at MCA/MEA for route of flight.

VCOA RUNWAYS 12, 30: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Spanish Fork Muni/Woodhouse Fld at or above 11200 before proceeding on course.

SW-4, 03 SEP 2026 to 29 OCT 2026

TAKEOFF OBSTACLE NOTES

Rwy 12: Lighting 10′ from DER, 29′ left of centerline, 2′ AGL/4530′ MSL.
Fence 60′ from DER, 481′ right of centerline, 4535′ MSL.
Building 198′ from DER, 449′ right of centerline, 12′ AGL/4541′ MSL.
Sign, building beginning 297′ from DER, 461′ right of centerline, up to 4552′ MSL.
Building 1023′ from DER, 600′ right of centerline, 4555′ MSL.
Tree 1031′ from DER, 651′ left of centerline, 4563′ MSL.
Tree, building beginning 1140′ from DER, 503′ left of centerline, up to 4565′ MSL.
Building 1173′ from DER, 560′ right of centerline, 4559′ MSL.
Building 1434′ from DER, 855′ right of centerline, 4572′ MSL.
Tree 1514′ from DER, 742′ left of centerline, 4568′ MSL.
Pole 1818′ from DER, 352′ right of centerline, 4576′ MSL.
Pole beginning 3232′ from DER, 1134′ right of centerline, up to 4621′ MSL.
Pole, sign beginning 3499′ from DER, 801′ left of centerline, up to 106′ AGL/4673′ MSL.
Electrical system 3922′ from DER, 628′ right of centerline, 4637′ MSL.
Pole 4450′ from DER, 893′ right of centerline, 4649′ MSL.
Pole 4709′ from DER, 1365′ right of centerline, 4662′ MSL.
Pole 5162′ from DER, 1194′ right of centerline, 4664′ MSL.
Pole 2 NM from DER, 3639′ left of centerline, 4853′ MSL.

Rwy 30: Lighting 9′ from DER, 29′ right of centerline, 2′ AGL/4525′ MSL.
Vegetation 36′ from DER, 145′ right of centerline, 9′ AGL/4527′ MSL.
Tree 750′ from DER, 557′ left of centerline, 4546′ MSL.
Pole 1182′ from DER, 595′ left of centerline, 50′ AGL/4570′ MSL.
Pole beginning 1479′ from DER, 268′ left of centerline, up to 60′ AGL/4579′ MSL.
Tree 1505′ from DER, 550′ right of centerline, 49′ AGL/4565′ MSL.

SW-4, 03 SEP 2026 to 29 OCT 2026

SPRINGERVILLE, ARIZONA | AL-6631 (FAA) | 23334

WAAS	APP CRS	Rwy Idg	8422
CH 40124	197°	TDZE	7032
W21A		Apt Elev	7055

RNAV (GPS) RWY 21

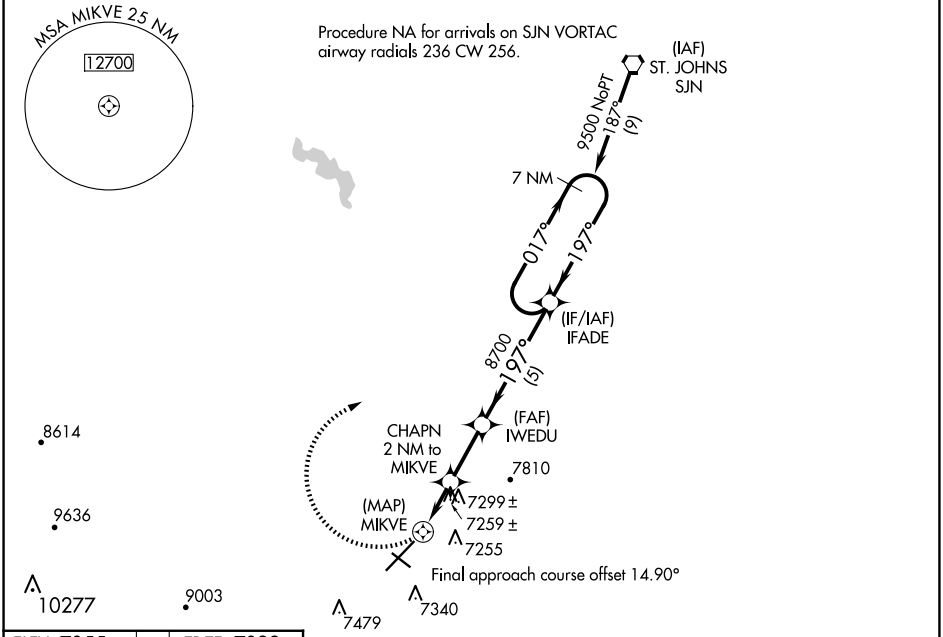
SPRINGERVILLE MUNI (JTC)

DME/DME RNP-0.3 NA. Rwy 3, 11, 29 helicopter visibility reduction below 1 SM NA. Circling Rwy 3, 11, 29 NA at night.

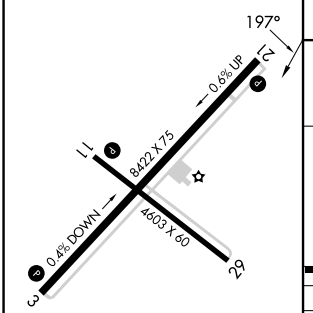
NA

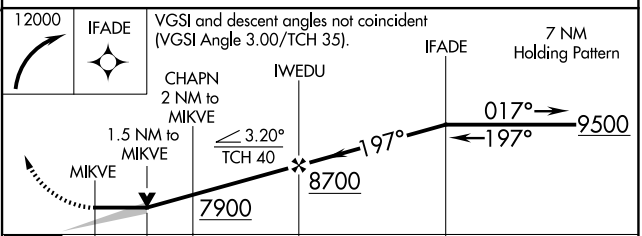
MISSED APPROACH: Climbing right turn to 12000 direct IFADE and hold, continue climb-in-hold to 12000.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
119.65	132.9 239.05	122.8 (CTAF) L



ELEV 7055 | TDZE 7032





CATEGORY	A	B	C	D
LP MDA	7520-1 488 (500-1)		NA	
LNAV MDA	7720-1 688 (700-1)		NA	
CIRCLING	7780-1 725 (800-1)	7840-1 785 (800-1)	NA	

MIRL Rwys 3-21 and 11-29 L

SPRINGERVILLE, ARIZONA
Amdt 1D 30DEC21

34°08′N-109°19′W

SPRINGERVILLE MUNI (JTC)
RNAV (GPS) RWY 21

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS CH 53344 W21A	APP CRS 213°	Rwy Ldg 7001 TDZE 5758 Apt Elev 5823

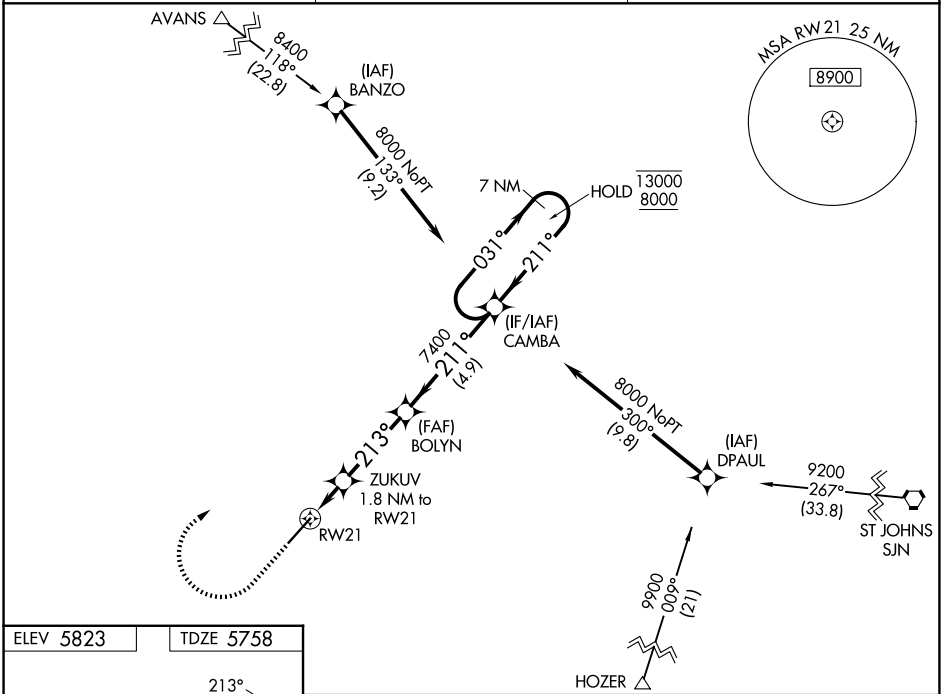
RNAV (GPS) RWY 21
TAYLOR (TYL)

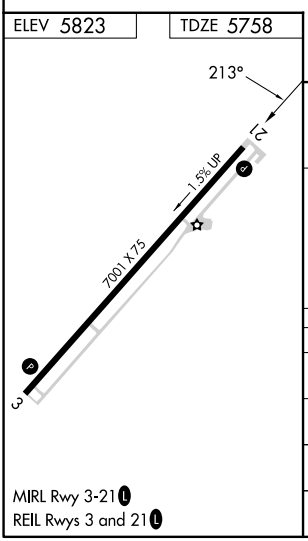
RNP APCH-GPS.

When local altimeter setting not received, procedure NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 26°C or above 54°C.

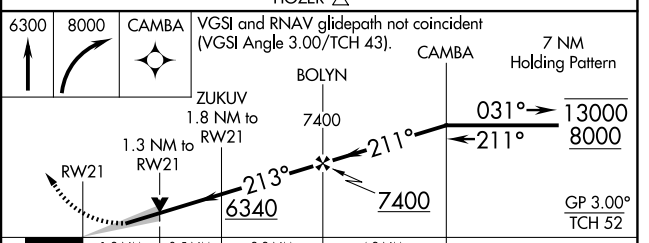
MISSED APPROACH: Climb to 6300 then climbing right turn to 8000 direct CAMBA and hold.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
119.075	132.9 239.05	122.7 (CTAF) L





MIRL Rwy 3-21 L
REIL Rwys 3 and 21 L



CATEGORY	A	B	C	D
LPV DA	6008-¾ 250 (200-¾)			
LNAV/VNAV DA	6008-¾ 250 (200-¾)			
LNAV MDA	6180-1 422 (400-1)		6180-1¼ 422 (400-1¼)	
CIRCLING	6320-1 497 (500-1)	6440-1 617 (700-1)	6440-1¾ 617 (700-1¾)	6480-2 657 (700-2)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(CAMBA4.CAMBA) 21336

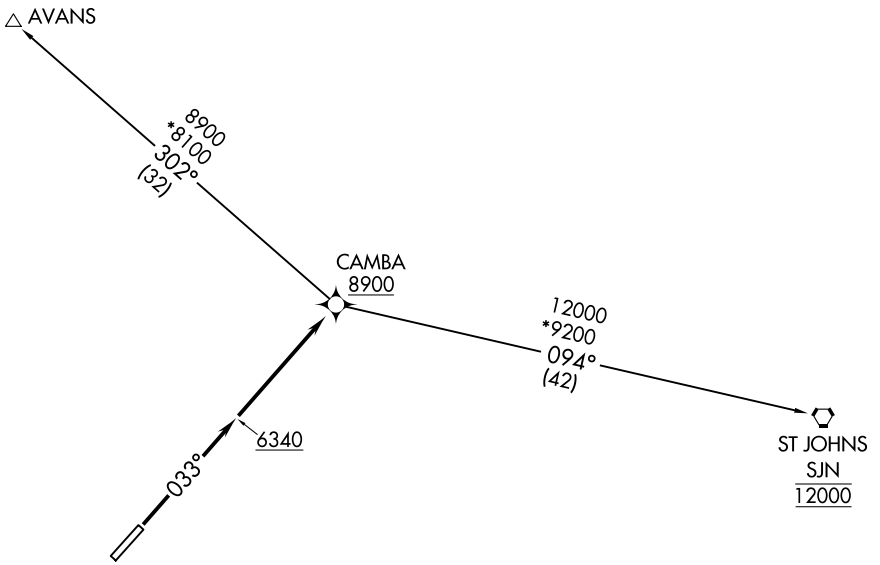
CAMBA FOUR DEPARTURE (RNAV)

AL-9422 (FAA)

TAYLOR (TYL)
TAYLOR, ARIZONA

ALBUQUERQUE CENTER
132.9 239.05

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GPS required.

NOTE: RNAV-1.

TAKEOFF MINIMUMS
Rwy 3: Standard with minimum climb of 500′ per NM to 6324.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb on heading 033° to 6340, then direct to cross CAMBA at or above 8900, thence. . . .

. . . .on (transition), maintain ATC assigned altitude, expect clearance to filed altitude/ flight level 10 minutes after departure.

AVANS TRANSITION (CAMBA4.AVANS)

ST JOHNS TRANSITION (CAMBA4.SJN)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 15
TONOPAH (TPH)

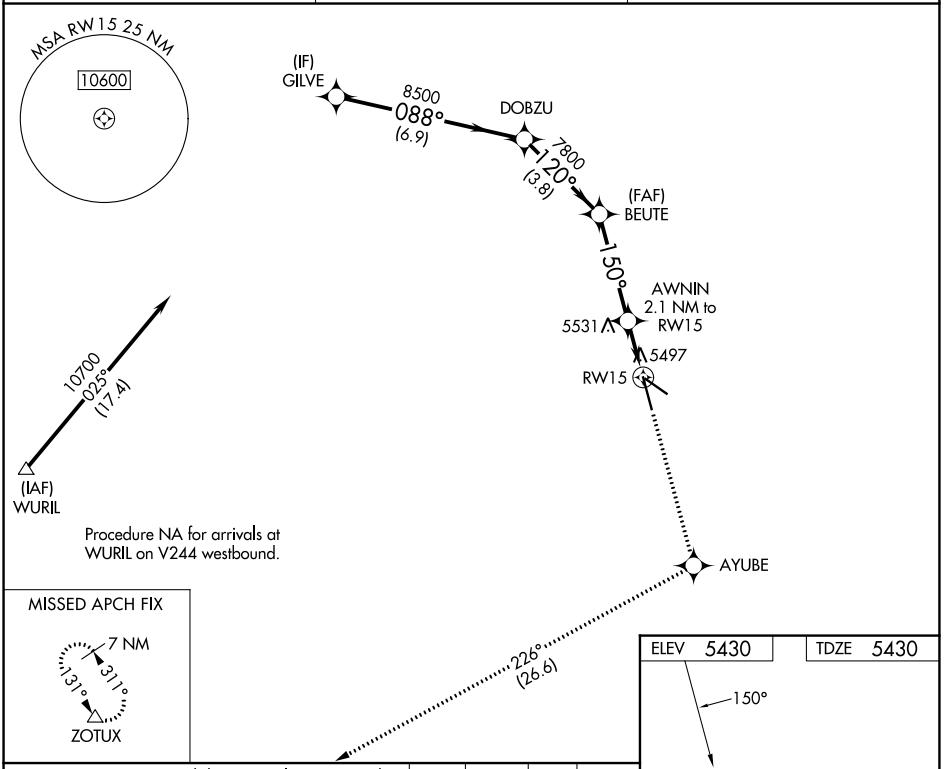
WAAS	APP CRS		
CH **42924**	**150°**	Rwy Ldg	**7160**
W15A		TDZE	**5430**
		Apt Elev	**5430**

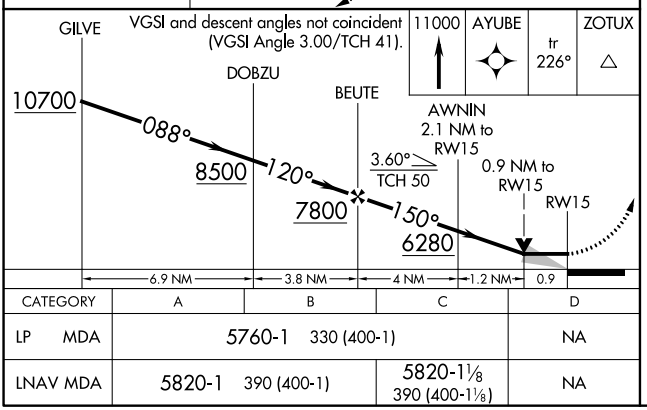
RNP APCH - GPS.

When local altimeter setting not received, procedure NA.

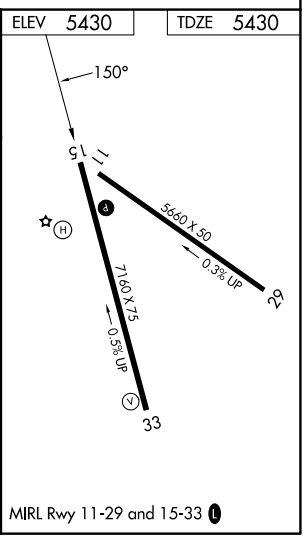
MISSED APPROACH: Climb to 11000 direct AYUBE and on track 226° to ZOTUX and hold.

ASOS	NELLIS APP CON	UNICOM
118.875	**119.35 254.4**	**123.0** (CTAF) L





CATEGORY	A	B	C	D
LP MDA	5760-1 330 (400-1)			NA
LNAV MDA	5820-1 390 (400-1)		5820-1⅛ 390 (400-1⅛)	NA



MIRL Rwy 11-29 and 15-33 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

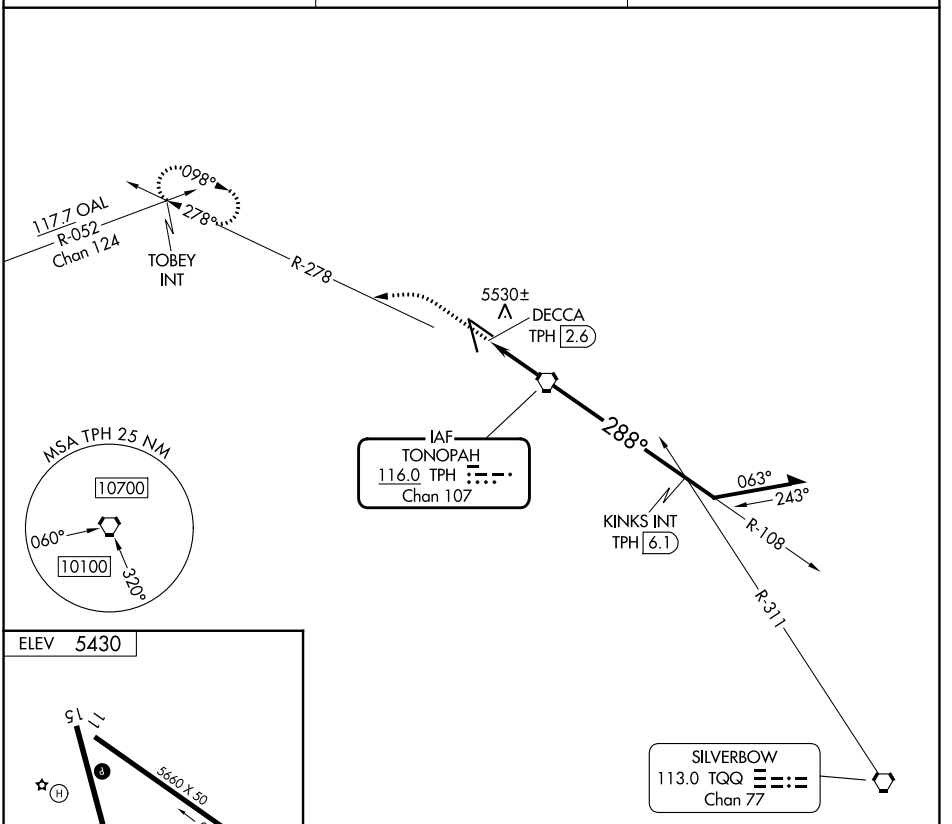
VORTAC TPH	APP CRS	Rwy Ldg	N/A
116.0	288°	TDZE	N/A
Chan 107		Apt Elev	5430

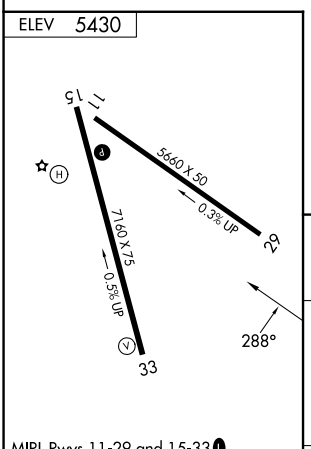
VOR-A
TONOPAH (TPH)

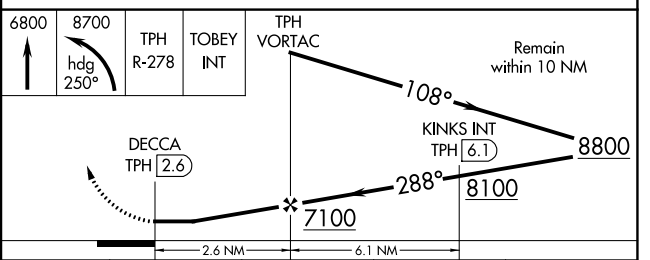
Circling Rwy 11 NA at night. When local altimeter setting not received, procedure NA. Circling NA for Cat D southwest of Rwy 15-33.

MISSED APPROACH: Climb to 6800 then climbing left turn to 8700 on heading 250° and on TPH VORTAC R-278 to TOBEY INT and hold.

ASOS	NELLIS APP CON	UNICOM
118.875	119.35 254.4	123.0 (CTAF) L



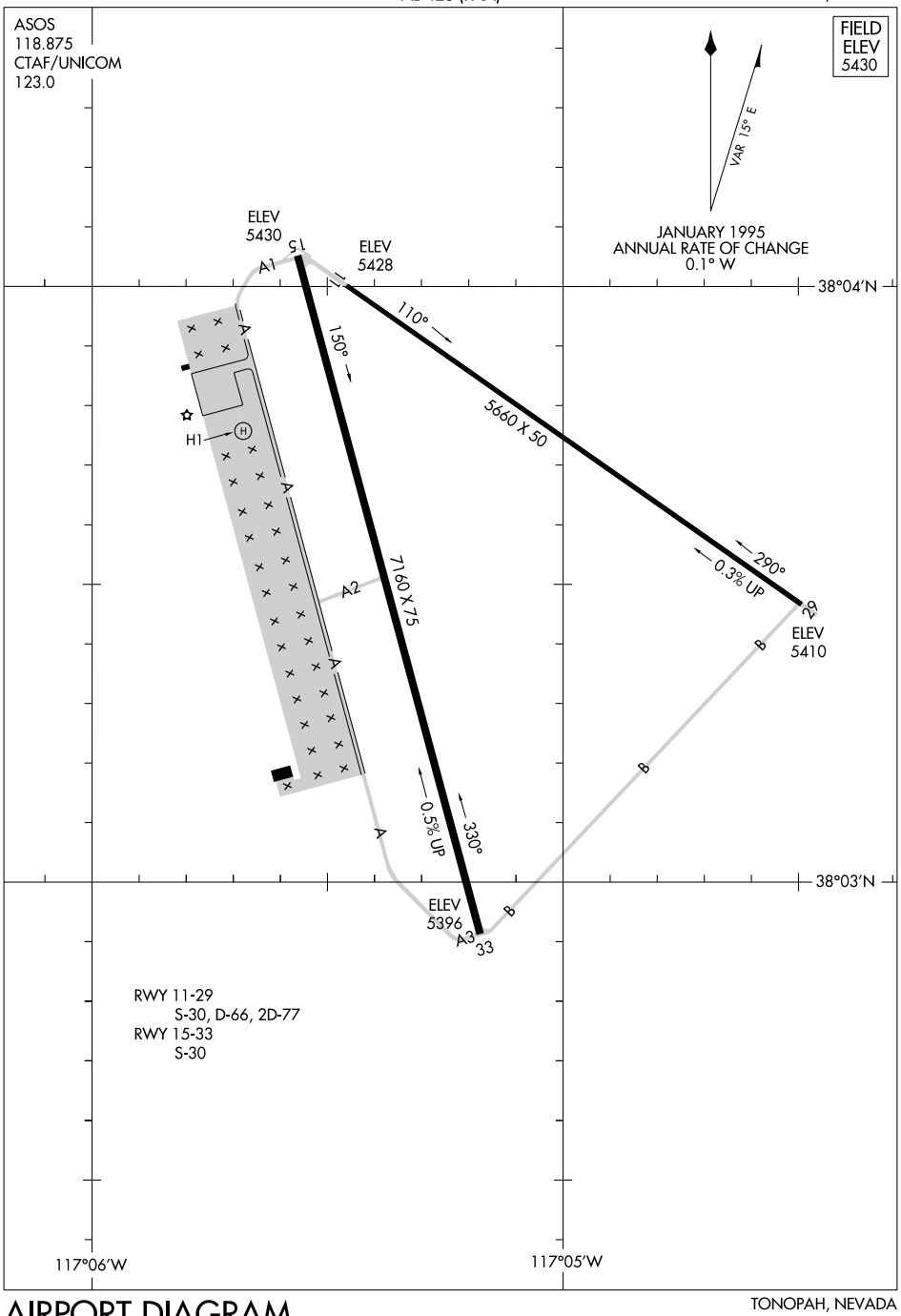




FAF to MAP 2.6 NM					
Knots	60	90	120	150	180
Min:Sec	2:36	1:44	1:18	1:02	0:52

CATEGORY	A	B	C	D
CIRCLING	6640-1¼ 1210 (1300-1¼)	6640-1½ 1210 (1300-1½)	6640-3 1210 (1300-3)	

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

TONOPAH, NEVADA

ILS or LOC/DME RWY 14

LOC I-RVP	APCH CRS	Rwy ldg / THRE / Arpt Elev
108.3	141°	11,998 / 5473 / 5550

[USAF] TONOPAH TEST RANGE (KTNX)

*When ALS inop, increase vis to ¾ mile.
**When ALS inop, increase CAT AB vis to 1 mile, CAT CDE to 1⅜ miles.
***Circling not authorized W of Rwy 14-32.

ALSF-1

MISSED APPROACH: Turn left climbing to 11,000 via TQQ R-340 to CIBMU and hold, continue climb-in-hold to 11,000.

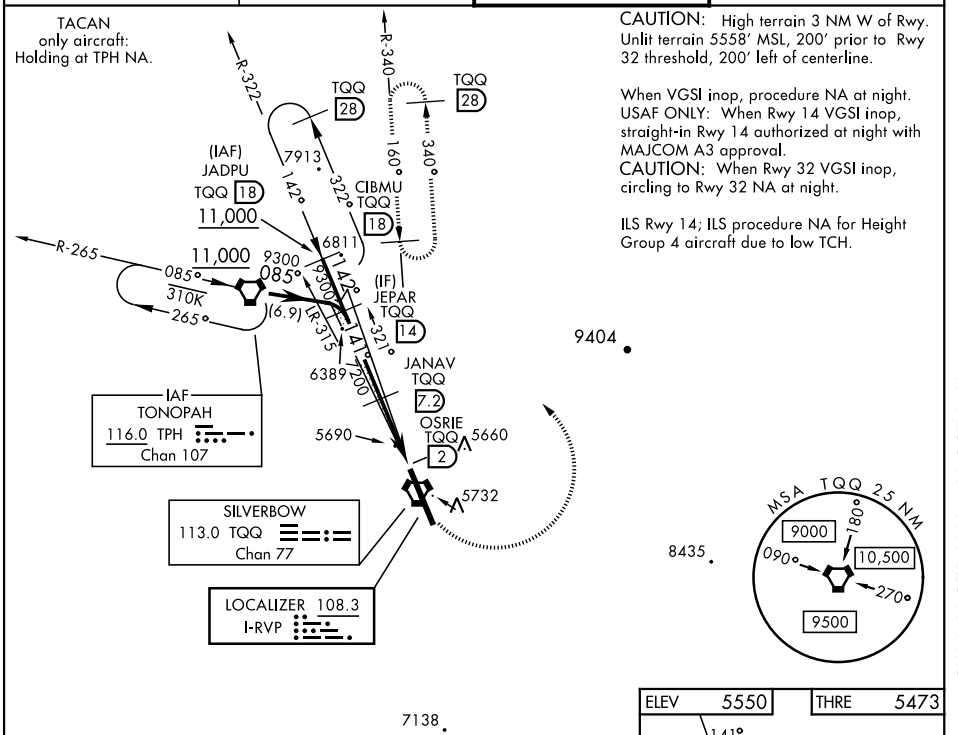
AWOS	NELLIS CONTROL	SILVERBOW TOWER★	GND CON
113.0	119.35 254.4	124.75 257.95	127.25 335.5

TACAN only aircraft: Holding at TPH NA.

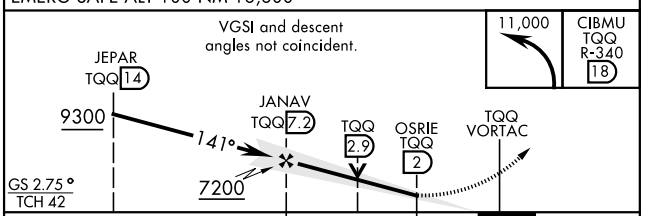
CAUTION: High terrain 3 NM W of Rwy. Unlit terrain 5558' MSL, 200' prior to Rwy 32 threshold, 200' left of centerline.

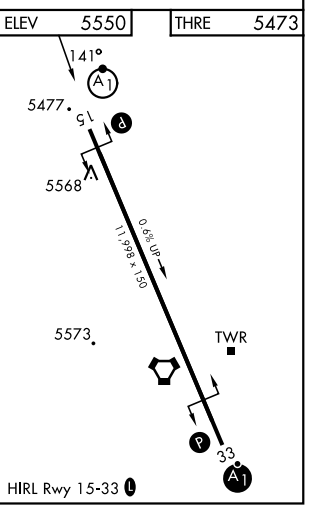
When VGSI inop, procedure NA at night.
USAF ONLY: When Rwy 14 VGSI inop, straight-in Rwy 14 authorized at night with MAJCOM A3 approval.
CAUTION: When Rwy 32 VGSI inop, circling to Rwy 32 NA at night.

ILS Rwy 14; ILS procedure NA for Height Group 4 aircraft due to low TCH.



EMERG SAFE ALT 100 NM 16,600





CATEGORY	A	B	C	D	E
S-ILS 14*	5673 - ½ 200 (200-½)				
S-LOC 14**	5960- ½ 487 (500-½)		5960-1 487 (500-1)		
CIRCLING***	6040-1 490 (500-1)		6040-1½ 490 (500-1½)	6100-2 550 (600-2)	

TONOPAH, NEVADA 37° 47'N - 116° 47'W TONOPAH TEST RANGE (KTNX)

Amdt 3 09JAN14

ILS or LOC/DME RWY 14

SW-4, 03 SEP 2026 to 29 OCT 2026

TONOPAH, NEVADA

ILS or LOC/DME RWY 32

LOC I-UVV	APCH CRS	Rwy Idg 11,998 THRE 5550 Arpt Elev 5550
111.7	321°	

[USAF] TONOPAH TEST RANGE (KTNX)

* When ALS inop, increase CAT CDE vis to 1¼ miles.
** Circling not authorized W of Rwy 14-32

ALSF-1

MISSED APPROACH: Climb to 11,000 via TQQ VORTAC R-325 to ROCEN and hold, continue climb in hold to 11,000.

AWOS	NELLIS CONTROL	SILVERBOW TOWER ★	GND CON
113.0	119.35 254.4	124.75 257.95 L	127.25 335.5

When VGSI inop, procedure NA at night.
USAF ONLY: When VGSI inop, straight-in Rwy 32 authorized at night with MAJCOM A3 approval.

ILS Rwy 32; F-28, CV-340/440/580, B-737, C-9, DC-9, C-130, T-43, B-2, S-3 Wheel Crossing Height 15'. ILS procedure NA for Height Group 3 and 4 aircraft due to low TCH.

CAUTION: High terrain 3 NM W of Rwy. Unlit terrain 5561' MSL, 200' prior to threshold, 385' left of course.

TQQ 28
7913
325°
145°
7756
ROCEN
TQQ 18
6862
R-325
9404
LOCALIZER 111.7
I-UVV
5660
5732
WATLU TQQ 1
SILVERBOW
113.0 TQQ
Chan 77
5713
PALAE TQQ 4
5871
DRAKO TQQ 7.3
7090
141°
321°
(IF) JIREM TQQ 14
7138
(IAF) JESVO TQQ 18
321°
141°
TQQ 28
R-141
8435
MSA TQQ 25 NM
180°
9000
090°
10,500
270°
9500
7795
ELEV 5550
THRE 5550
5568
15
11,998 x 150
0.6% DOWN
5575
TWR
33
5573
5591
5577
HIRL Rwy 15-33 L
321°

EMERG SAFE ALT 100 NM 16,600

11,000
TQQ R-325
ROCEN TQQ 18
VGSI and descent angles not coincident
TQQ VORTAC
WATLU TQQ 1
PALAE TQQ 4
DRAKO TQQ 7.3
JIREM TQQ 14
JESVO TQQ 18
321°
10,400
8700
6600
7600
GS 2.75°
TCH 30
0.5 NM
3 NM
3.3 NM

CATEGORY	A	B	C	D	E
S-ILS 32	5800-1	250 (300-1)			
S-LOC 32*	5980-1	430 (500-1)			
CIRCLING**	6040-1 490 (500-1)		6040-1½ 490 (500-1½)	6100-2 550 (600-2)	

TONOPAH, NEVADA 37° 47'N - 116° 47'W TONOPAH TEST RANGE (KTNX)

Amdt 2 09JAN14

ILS or LOC/DME RWY 32

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

TONOPAH, NEVADA

RNAV (GPS) RWY 14

APCH CRS	Rwy ldg	11,998
141°	TDZE	5496
	Arpt Elev	5550

[USAF] TONOPAH TEST RANGE (KTNX)

* When ALS inop, increase CAT AB RVR to 55, vis to 1 mile, CAT CD vis to 1⅜ miles.
** Circling not authorized W of Rwy 14-32.

ALSF-1

MISSED APPROACH: Turn left climbing to 11,000 direct JADPU and hold, continue climb-in-hold to 11,000.

AWOS	NELLIS CONTROL	SILVERBOW TOWER ★	GND CON
113.0	119.35 254.4	124.75 257.95	127.25 335.5

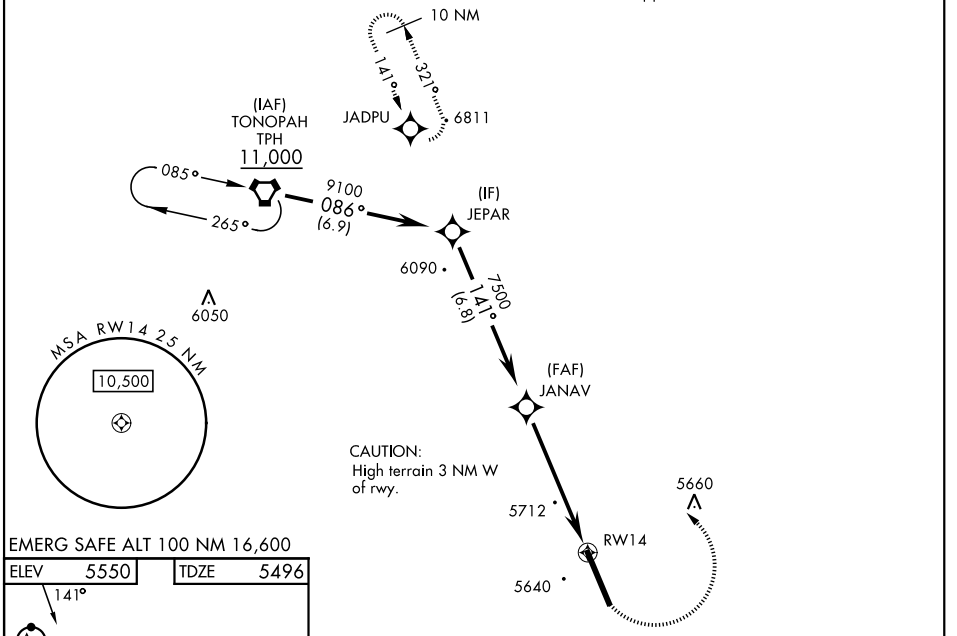
DME/DME RNP-0.3 NA

When VGSI inop, procedure NA at night.

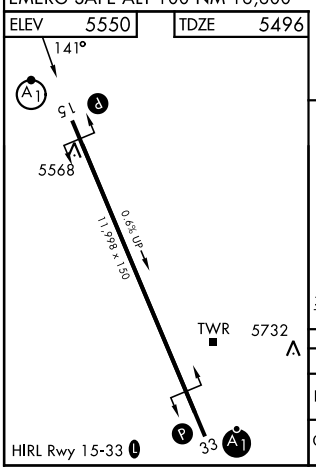
When Rwy 32 VGSI inop, circling to Rwy 32 NA at night.

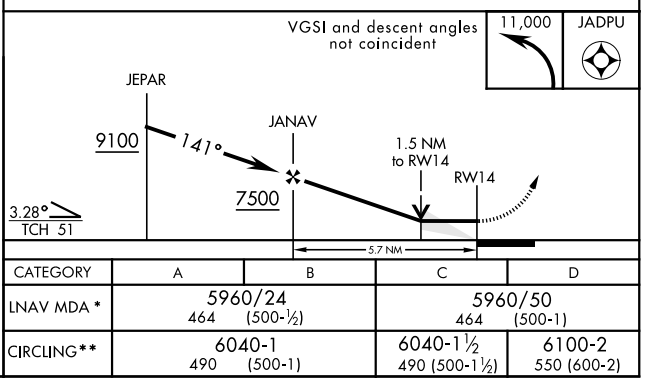
Unlit terrain 5558′ MSL, 200′ prior to Rwy 32 threshold, 200′ left of centerline. When VGSI inop, procedure NA at night.

USAF ONLY: When Rwy 14 VGSI inop, straight-in Rwy 14 authorized at night with MAJCOM A3 approval.



EMERG SAFE ALT 100 NM 16,600





CATEGORY	A	B	C	D
LNAV MDA *	5960/24 464 (500-½)		5960/50 464 (500-1)	
CIRCLING**	6040-1 490 (500-1)		6040-1½ 490 (500-1½)	6100-2 550 (600-2)

TONOPAH, NEVADA

Amdt 4 29MAR18

37°47′N-116°47′W

TONOPAH TEST RANGE (KTNX)

RNAV (GPS) RWY 14

SW-4, 03 SEP 2026 to 29 OCT 2026

TONOPAH, NEVADA

RNAV (GPS) RWY 32

APCH CRS	Rwy ldg	TDZE	Arpt Elev
321°	11,998	5550	5550

[USAF] TONOPAH TEST RANGE (KTNX)

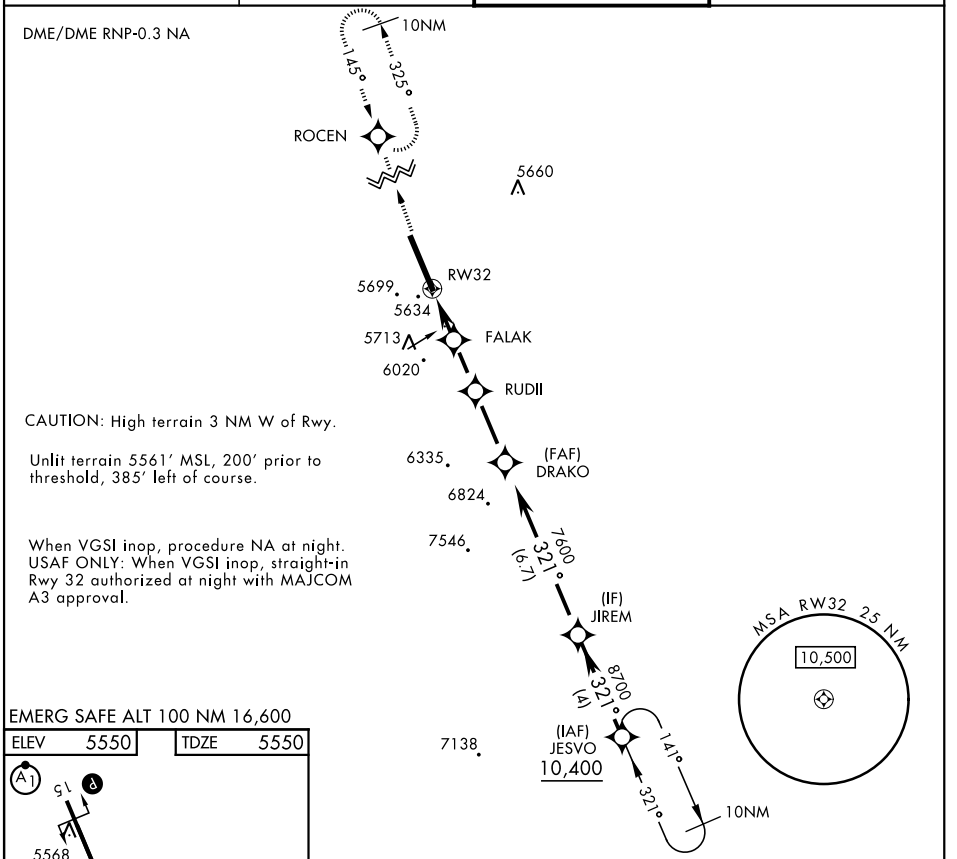
* When ALS inop, increase CAT CD vis to 1¼ miles.
** Circling not authorized W of Rwy 14-32.

ALSF-1

MISSED APPROACH: Climb to 11,000 direct ROCEN and hold, continue climb-in-hold to 11,000.

AWOS	NELLIS CONTROL	SILVERBOW TOWER ★	GND CON
113.0	119.35 254.4	124.75 257.95	127.25 335.5

DME/DME RNP-0.3 NA



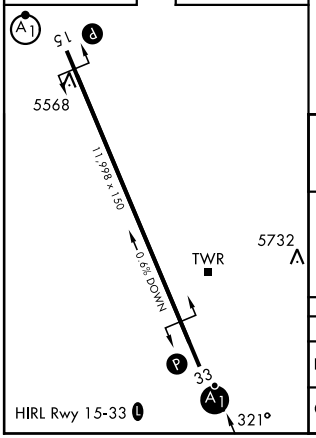
CAUTION: High terrain 3 NM W of Rwy.

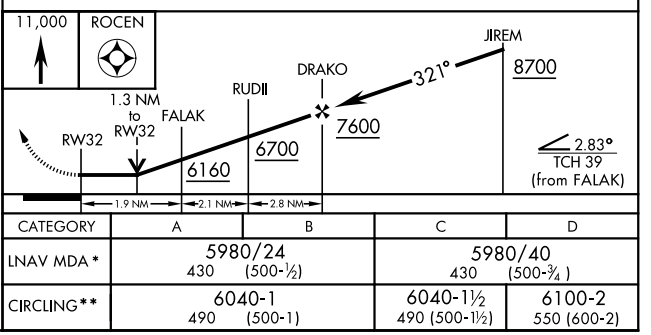
Unlit terrain 5561′ MSL, 200′ prior to threshold, 385′ left of course.

When VGSI inop, procedure NA at night. USAF ONLY: When VGSI inop, straight-in Rwy 32 authorized at night with MAJCOM A3 approval.

EMERG SAFE ALT 100 NM 16,600

ELEV 5550 TDZE 5550





CATEGORY	A	B	C	D
LNAV MDA *	5980/24 430 (500-½)		5980/40 430 (500-¾)	
CIRCLING**	6040-1 490 (500-1)		6040-1½ 490 (500-1½)	6100-2 550 (600-2)

TONOPAH, NEVADA
Amdt 3 29MAR18

37°47′N-116°47′W

TONOPAH TEST RANGE (KTNX)

RNAV (GPS) RWY 32

SW-4, 03 SEP 2026 to 29 OCT 2026

26246

TONOPAH, NEVADA

VOR/DME Z RWY 14

VORTAC TQQ 113.0 Chan 77	APCH CRS 145°	Rwy ldg 11,998 THRE 5473 Arpt Elev 5550

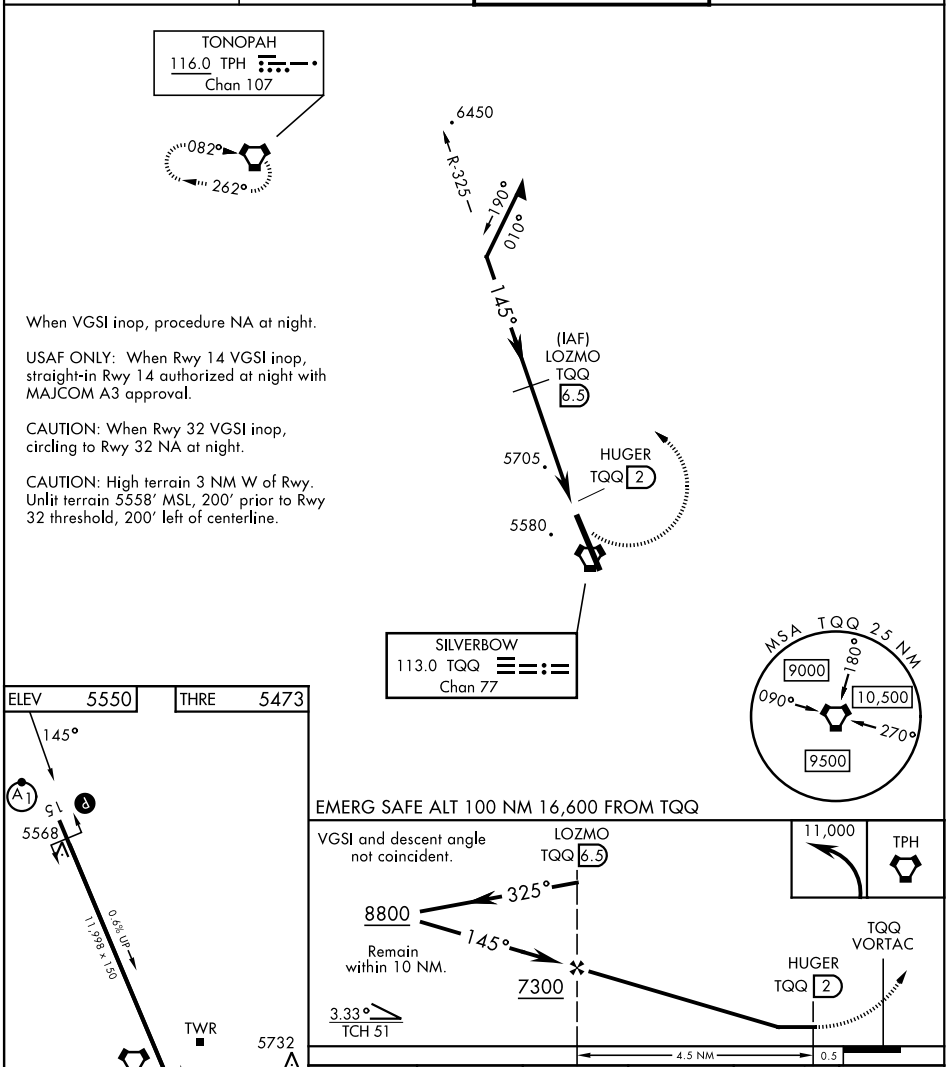
[USAF] TONOPAH TEST RANGE (KTNX)

* Circling not authorized W of Rwy 14-32.

ALSF-1

MISSED APPROACH: Turn left, climb to 11,000 direct to TPH VORTAC and hold. Continue climb in holding to 11,000.

AWOS	NELLIS CONTROL	SILVERBOW TOWER★	GND CON
113.0	119.35 254.4	124.75 257.95	127.25 335.5



When VGSI inop, procedure NA at night.

USAF ONLY: When Rwy 14 VGSI inop, straight-in Rwy 14 authorized at night with MAJCOM A3 approval.

CAUTION: When Rwy 32 VGSI inop, circling to Rwy 32 NA at night.

CAUTION: High terrain 3 NM W of Rwy. Unlit terrain 5558′ MSL, 200′ prior to Rwy 32 threshold, 200′ left of centerline.

CATEGORY	A	B	C	D	E
S-14	5960/24 487 (500-½)		5960/50 487 (500-1)	NOT AUTHORIZED	
CIRCLING*	6040-1 490 (500-1)		6040-1½ 490 (500-1½)	NOT AUTHORIZED	

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

TONOPAH, NEVADA 37° 47′N-116° 47′W TONOPAH TEST RANGE (KTNX)

Amdt 2 29MAY14

VOR/DME Z RWY 14

TONOPAH, NEVADA

VOR/DME Z RWY 32

VORTAC TQQ	APCH CRS	Rwy ldg 11,998
113.0	314°	THRE 5550
Chan 77		Arpt Elev 5550

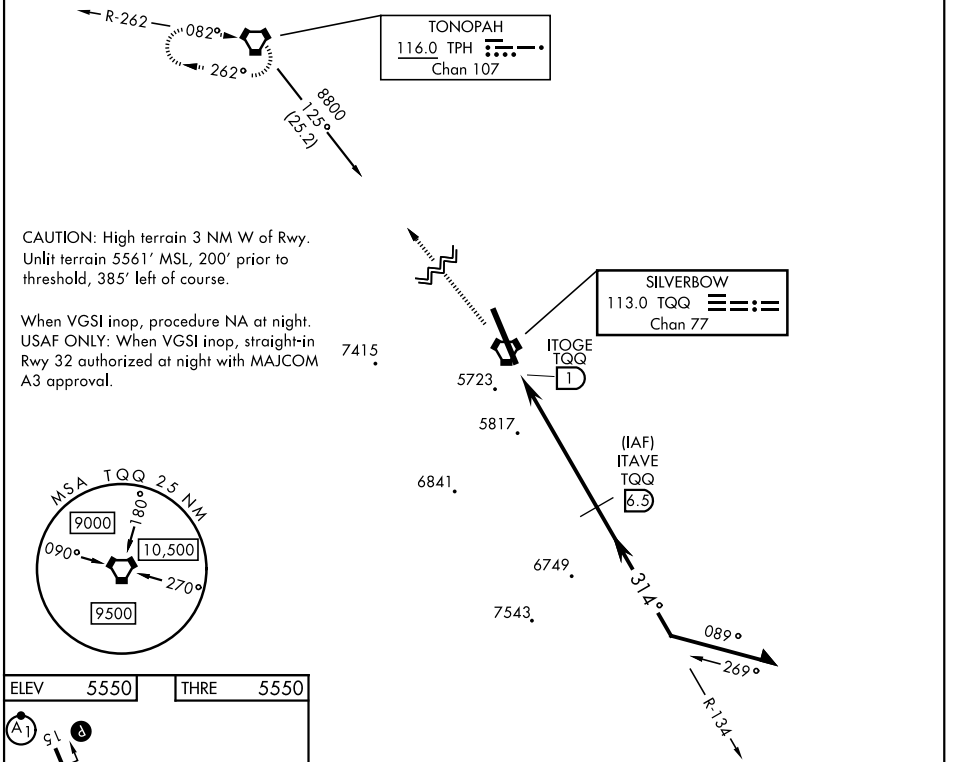
[USAF] TONOPAH TEST RANGE (KTNX)

*Circling not authorized W of Rwy 14-32.

ALSF-1

MISSED APPROACH: Climb to 11,000 direct to TPH VORTAC and hold. Continue climb in holding to 11,000.

AWOS	NELLIS CONTROL	SILVERBOW TOWER★	GND CON
113.0	119.35 254.4	124.75 257.95	127.25 335.5



CATEGORY	A	B	C	D	E
S-32	6080/24	530 (600-½)	6080/55 530 (600-1)	NOT AUTHORIZED	
CIRCLING*	6080-1	530 (600-1)	6080-1½ 530 (600-1½)	NOT AUTHORIZED	

TONOPAH, NEVADA 37° 47' N-116° 47' W TONOPAH TEST RANGE (KTNX)

Amdt 2 29MAY14

VOR/DME Z RWY 32

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

TONOPAH, NEVADA

VOR/DME or TACAN RWY 14

VORTAC TQQ	APCH CRS	Rwy ldg 11,998
113.0	145°	THRE 5473
Chan 77		Arpt Elev 5550

[USAF] TONOPAH TEST RANGE (KTNX)

* When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1⅜ miles.
** Circling not authorized W of Rwy 32.

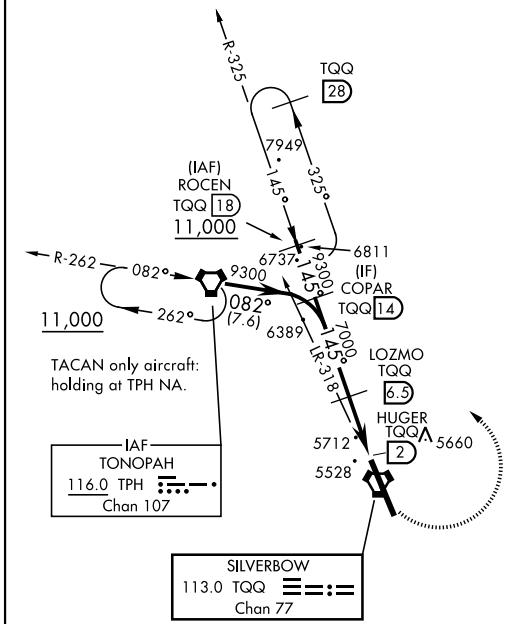
ALSF-1

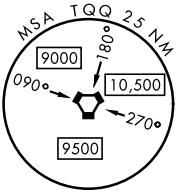
MISSED APPROACH: Turn left climbing to 11,000 via TQQ R-325 to ROCEN and hold, continue climb-in-hold to 11,000.

AWOS	NELLIS CONTROL	SILVERBOW TOWER★	GND CON
113.0	119.35 254.4	124.75 257.95 (L)	127.25 335.5

CAUTION: High terrain 3 NM W of Rwy. Unlit terrain 5558' MSL, 200' prior to Rwy 32 threshold, 200' left of centerline.

When VGSI inop, procedure NA at night.
USAF ONLY: When Rwy 14 VGSI inop, straight-in Rwy 14 authorized at night with MAJCOM A3 approval.
CAUTION: When Rwy 32 VGSI inop, circling to Rwy 32 NA at night.

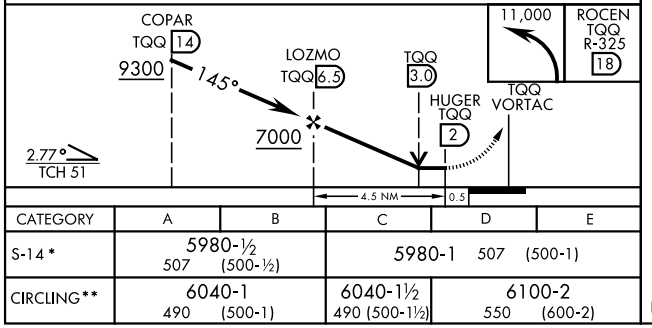


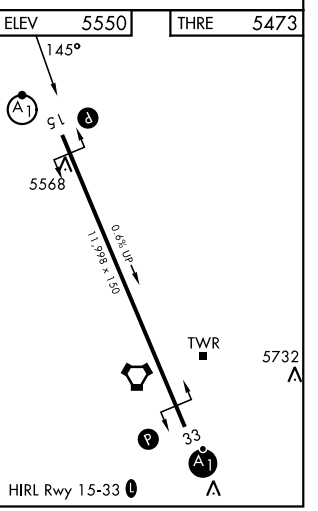


8435

7138

EMERG SAFE ALT 100 NM 16,600





CATEGORY	A	B	C	D	E
S-14*	5980-½ 507 (500-½)		5980-1 507 (500-1)		
CIRCLING**	6040-1 490 (500-1)		6040-1½ 490 (500-1½)	6100-2 550 (600-2)	

37°47'N - 116°47'W

VOR/DME or TACAN RWY 14

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

TONOPAH, NEVADA

VOR/DME or TACAN RWY 32

VORTAC TQQ	APCH CRS	Rwy ldg 11,998
113.0	314°	THRE 5550
Chan 77		Arpt Elev 5550

[USAF] TONOPAH TEST RANGE (KTNX)

* When ALS inop, increase CAT CDE vis to 1½ miles.
** Circling not authorized W of Rwy 14-32

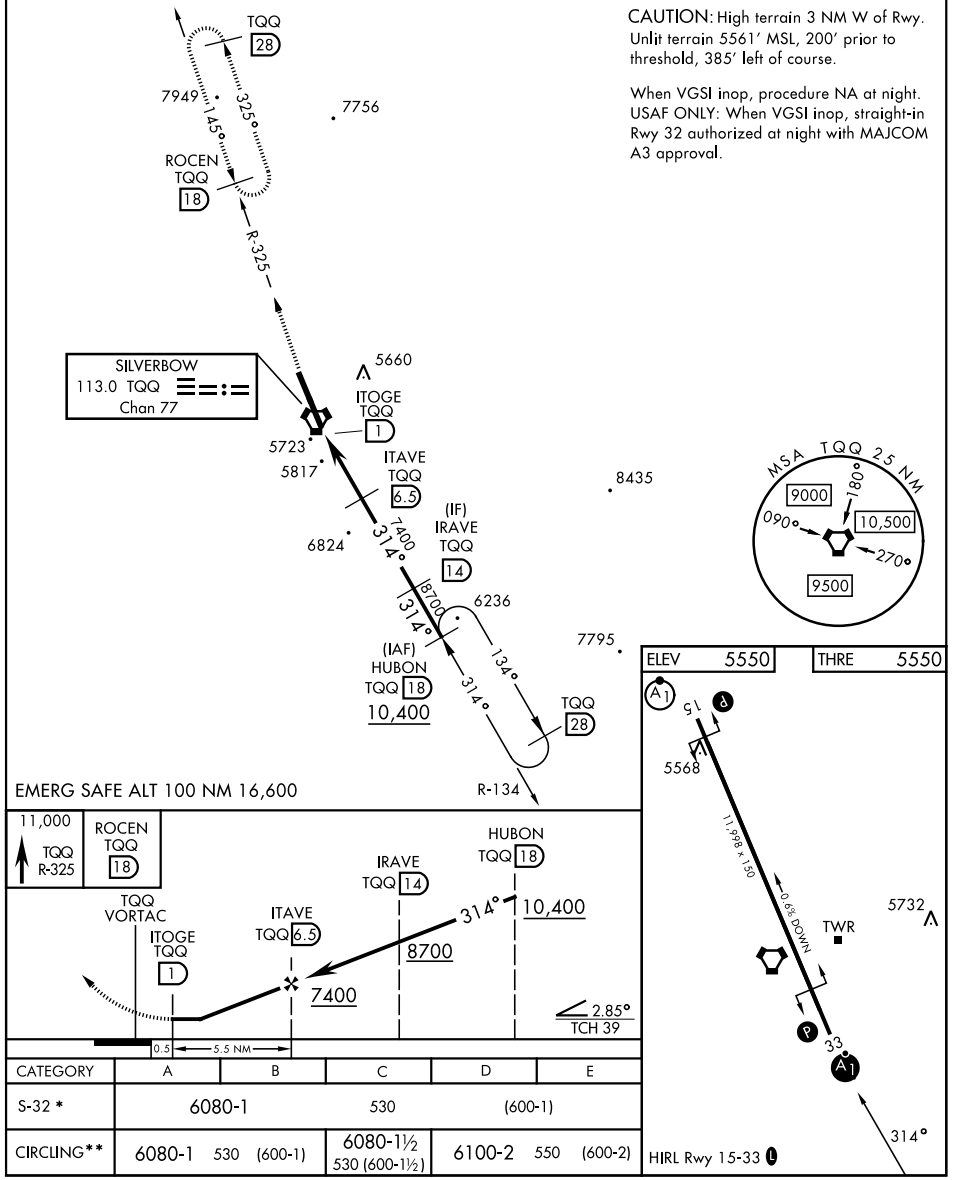
ALSF-1

MISSED APPROACH: Climb to 11,000 via TQQ VORTAC R-325 to ROCEN and hold, continue climb in hold to 11,000.

AWOS	NELLIS CONTROL	SILVERBOW TOWER★	GND CON
113.0	119.35 254.4	124.75 257.95	127.25 335.5

CAUTION: High terrain 3 NM W of Rwy. Unlit terrain 5561′ MSL, 200′ prior to threshold, 385′ left of course.

When VGSI inop, procedure NA at night. USAF ONLY: When VGSI inop, straight-in Rwy 32 authorized at night with MAJCOM A3 approval.



CATEGORY	A	B	C	D	E
S-32 *	6080-1		530	(600-1)	
CIRCLING**	6080-1	530 (600-1)	6080-1½ 530 (600-1½)	6100-2 550	(600-2)

TONOPAH, NEVADA 37° 47′N - 116° 47′W TONOPAH TEST RANGE (KTNX)

Amdt 2 09JAN14

VOR/DME or TACAN RWY 32

SW-4, 03 SEP 2026 to 29 OCT 2026

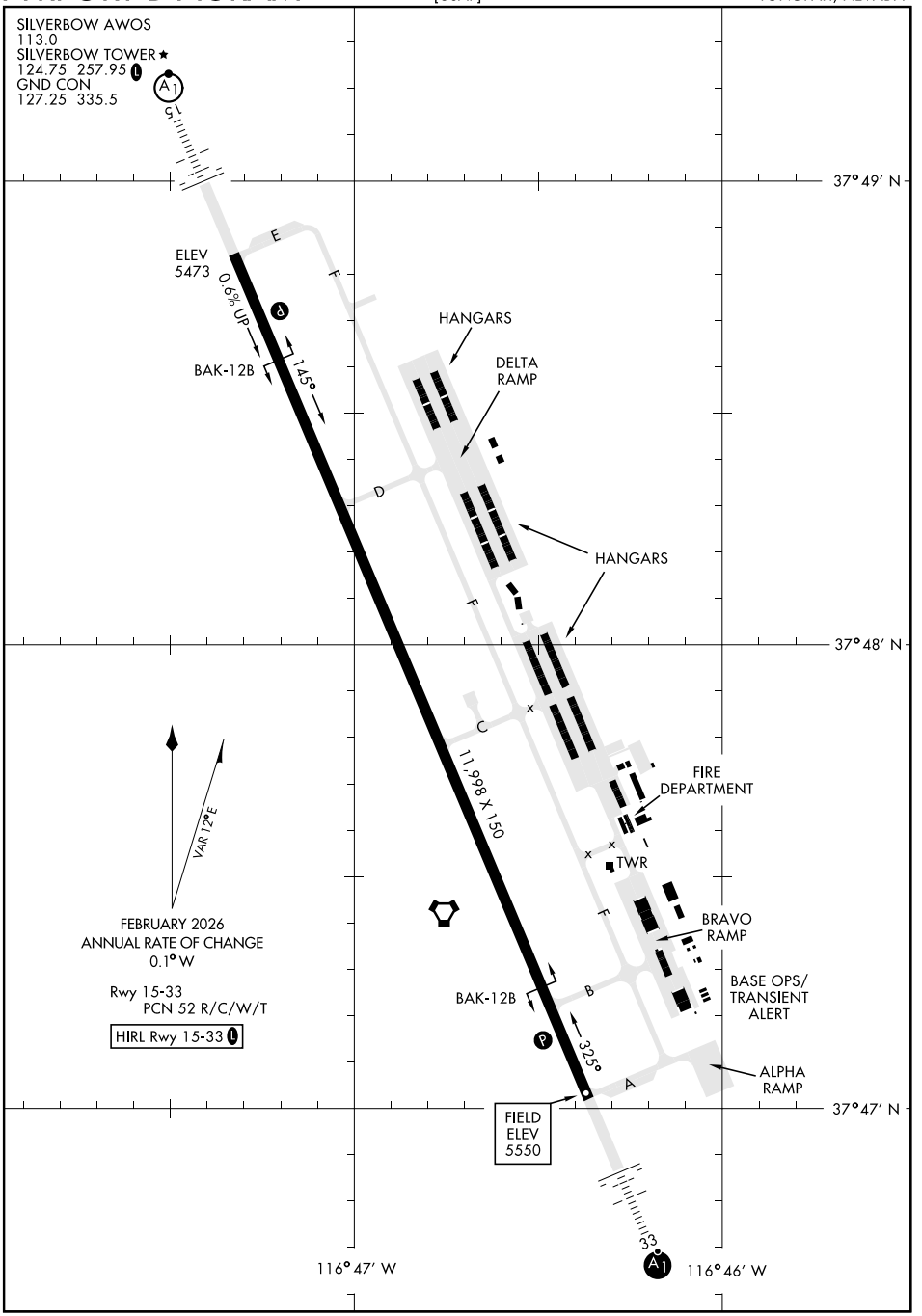
26246

AIRPORT DIAGRAM

TONOPAH TEST RANGE (KTNX)

[USAF]

TONOPAH, NEVADA



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

TONOPAH, NEVADA

TONOPAH TEST RANGE (KTNX)

TONOPAH TEST RANGE (KTNX)

ESSAA ONE (RNAV) DEPARTURE (ESSAA1· ESSAA)

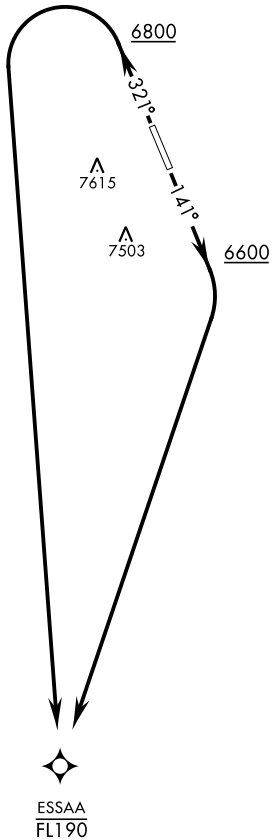
TONOPAH, NEVADA

AWOS 113.0
GND CON
127.25 335.5
SILVERBOW TOWER ★
124.75 257.95
NELLIS CONTROL
119.35 254.4

[USAF] AL-3188

Rwy	Knots	60	120	180	240	300	360
14 ⓞ	V/V(fpm)	387	774	1161	1548	1935	2322
32 ⓑ	V/V(fpm)	336	672	1008	1344	1680	2016

Minimum Climb Rate
ⓐ to 8200
ⓑ to 8300



RNAV1

GPS REQUIRED

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 14: Climb on heading 141° to 6600, then right turn direct to cross ESSAA at or below FL190 or as assigned by ATC.

TAKEOFF RWY 32: Climb on heading 321° to 6800, then left turn direct ESSAA maintain at or below FL190 or as assigned by ATC.

ESSAA ONE (RNAV) DEPARTURE (ESSAA1· ESSAA)

TONOPAH, NEVADA

Orig 24MAR22

TONOPAH TEST RANGE (KTNX)

SW-4, 03 SEP 2026 to 29 OCT 2026

22083

TONOPAH TEST RANGE (KTNX)

JAYSN ONE (RNAV) DEPARTURE (JAYSN1 · JAYSN)

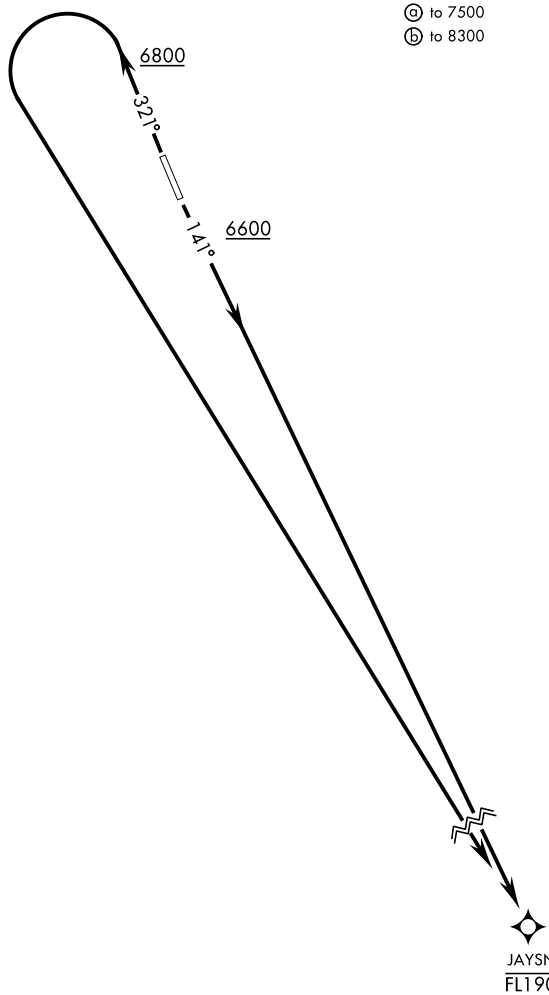
TONOPAH, NEVADA

AWOS 113.0
GND CON
127.25 335.5
SILVERBOW TOWER ★
124.75 257.95
NELLIS CONTROL
119.35 254.4

[USAF] AL-3188

Rwy	Knots	60	120	180	240	300	360
14 ⓐ	V/V(fpm)	246	492	738	984	1230	1476
32 ⓑ	V/V(fpm)	336	672	1008	1344	1680	2016

Minimum Climb Rate
ⓐ to 7500
ⓑ to 8300



RNAV1

GPS REQUIRED

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 14: Climb on heading 141° to 6600, then direct to cross JAYSN at or below FL190 or as assigned by ATC.

TAKEOFF RWY 32: Climb on heading 321° to 6800, then left turn direct JAYSN or as assigned by ATC.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

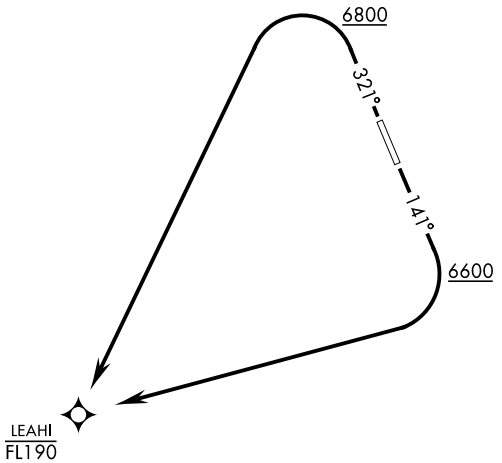
LEAHI ONE (RNAV) DEPARTURE (LEAHI1 · LEAHI)

AWOS 113.0
GND CON
127.25 335.5
SILVERBOW TOWER ★
124.75 257.95
NELLIS CONTROL
119.35 254.4

[USAF] AL-3188

Rwy	Knots	60	120	180	240	300	360
14 ⓐ	V/V(fpm)	387	774	1161	1548	1935	2322
32 ⓑ	V/V(fpm)	336	672	1008	1344	1680	2016

Minimum Climb Rate
ⓐ to 8200
ⓑ to 8300



RNAV1

GPS REQUIRED

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 14: Climb on heading 141° to 6600, then right turn direct to cross LEAHI at or below FL190 or as assigned by ATC.

TAKEOFF RWY 32: Climb on heading 321° to 6800, then left turn direct to cross LEAHI at or below FL190 or as assigned by ATC.

SW-4, 03 SEP 2026 to 29 OCT 2026

18200

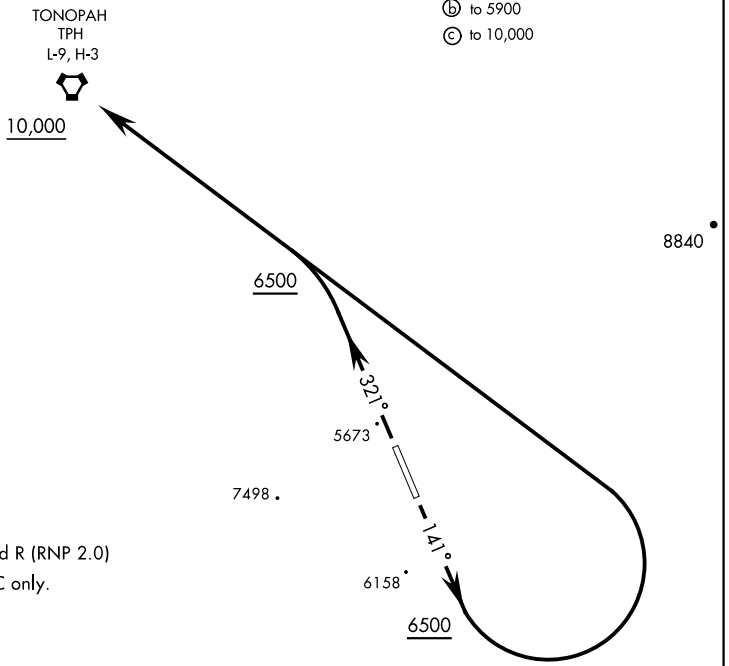
RANGE TWO (RNAV) DEPARTURE (RANGE2•TPH)

TONOPAH TEST RANGE (KTNX)
SHL-3188 [USAF] TONOPAH, NEVADA

GND CON
127.25 335.5
SILVERBOW TOWER ★
124.75 257.95
NELLIS CONTROL
119.35 254.4

Rwy	Knots	60	120	180	240	300	360
14 ⓐ	V/V(fpm)	205	410	615	820	1025	1230
32 ⓑ	V/V(fpm)	260	520	780	1040	1300	1560
32 ⓒ	V/V(fpm)	263	526	789	1052	1315	1578

MINIMUM CLIMB RATE
ⓐ to 7500
ⓑ to 5900
ⓒ to 10,000



GPS REQUIRED

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14: Climb heading 141°. When leaving 6500 turn left direct TPH VORTAC, cross TPH at or above 10,000.

TAKE-OFF RWY 32: Climb heading 321°. When leaving 6500 turn left direct TPH VORTAC, cross TPH at or above 10,000.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

SILVER ONE DEPARTURE (SILVR1 · SILVR)

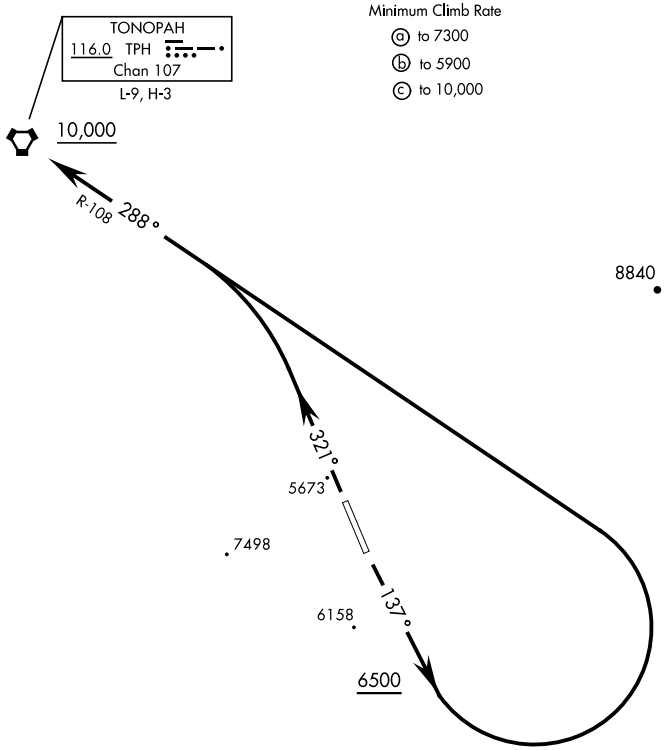
AL-3188 [USAF]

TONOPAH, NEVADA

GND CON
127.25 335.5
SILVERBOW TOWER ★
124.75 257.95
NELLIS CONTROL
119.35 254.4

Rwy	Knots	60	120	180	240	300	360
14 ⓐ	V/V(fpm)	220	440	660	880	1100	1320
32 ⓑ	V/V(fpm)	260	520	780	1040	1300	1560
32 ⓒ	V/V(fpm)	261	522	783	1044	1305	1566

Minimum Climb Rate
ⓐ to 7300
ⓑ to 5900
ⓒ to 10,000



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 14: Climb heading 137°, when leaving 6500 turn left direct TPH VORTAC. Cross TPH at or above 10,000.

TAKEOFF RWY 32: Climb heading 321° to intercept TPH VORTAC R-108 direct TPH. Cross TPH at or above 10,000.

18200

STOFF TWO DEPARTURE (STOFF2•STOFF)

SHL-3188 [USAF]

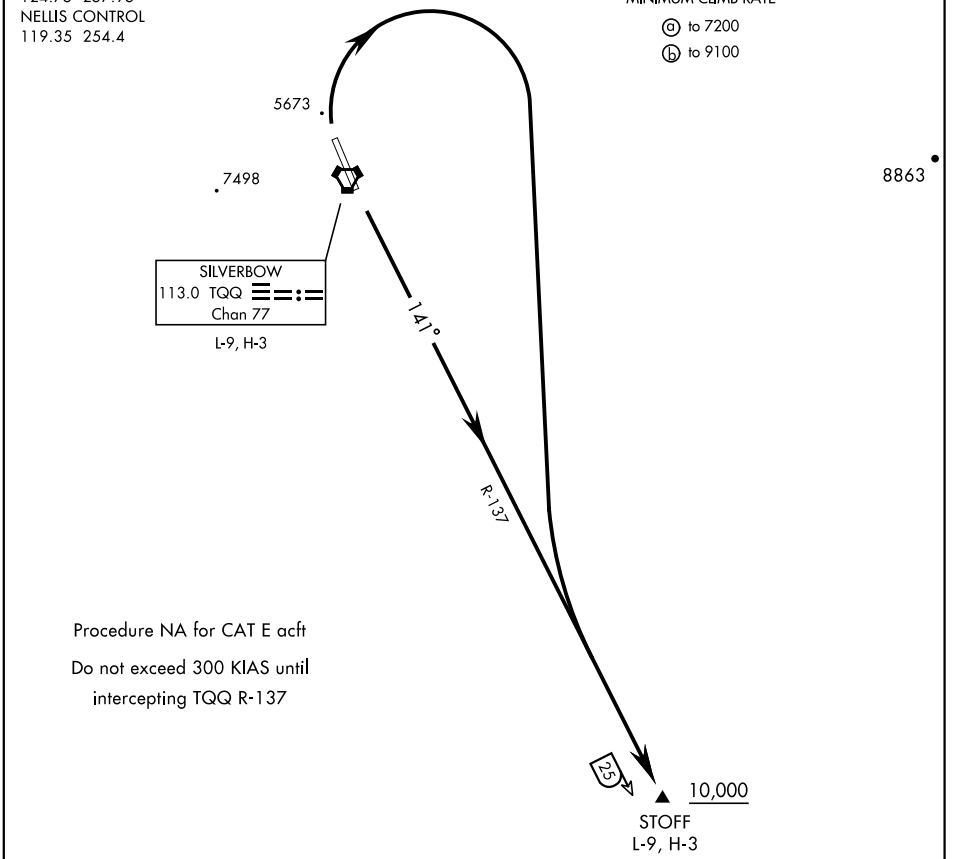
TONOPAH TEST RANGE (KTNX)

TONOPAH, NEVADA

GND CON
127.25 335.5
SILVERBOW TOWER ★
124.75 257.95
NELLIS CONTROL
119.35 254.4

Rwy	Knots	60	120	180	240	300	360
14 ⓐ	V/V(fpm)	205	410	615	820	1025	1230
32 ⓑ	V/V(fpm)	260	520	780	1040	1300	1560

MINIMUM CLIMB RATE
ⓐ to 7200
ⓑ to 9100



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14: Climb heading 141° to intercept TQQ VORTAC R-137 to STOFF, cross STOFF at or above 10,000.

TAKE-OFF RWY 32: Climbing right turn to intercept TQQ VORTAC R-137 to STOFF, cross STOFF at or above 10,000.

STOFF TWO DEPARTURE (STOFF2•STOFF)

TONOPAH, NEVADA

TONOPAH TEST RANGE (KTNX)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

TONOPAH TEST RANGE (KTNX)

TONOPAH THREE (RNAV) DEPARTURE (TPH3 · TPH)

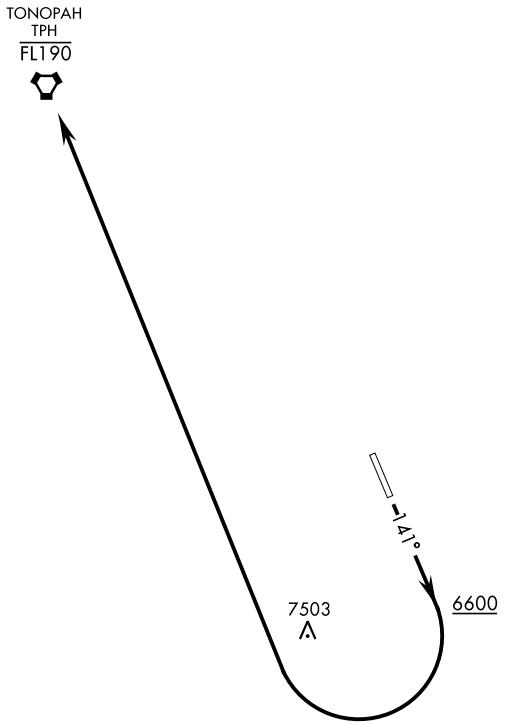
TONOPAH, NEVADA

AWOS 113.0
GND CON
127.25 335.5
SILVERBOW TOWER ★
124.75 257.95
NELLIS CONTROL
119.35 254.4

AL-3188 [USAF]

Rwy	Knots	60	120	180	240	300	360
14	V/V(fpm)	387	774	1161	1548	1935	2322

Minimum Climb Rate to 8200



RNAV1

GPS REQUIRED

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14: Climb on heading 141° to 6600, then right turn direct to cross TPH at or below FL190 or as assigned by ATC.

TONOPAH THREE (RNAV) DEPARTURE (TPH3 · TPH)

TONOPAH, NEVADA

Orig 24MAR22

TONOPAH TEST RANGE (KTNX)

SW-4, 03 SEP 2026 to 29 OCT 2026

TOOELE, UTAH | AL-6944 (FAA) | 26134

LOC/DME I-TVY	APP CRS	Rwy Ldg	6102
111.15	166°	TDZE	4297
Chan 48(Y)		Apt Elev	4321

ILS or LOC RWY 17

BOLINDER FLD/TOOELE VALLEY (TVY)

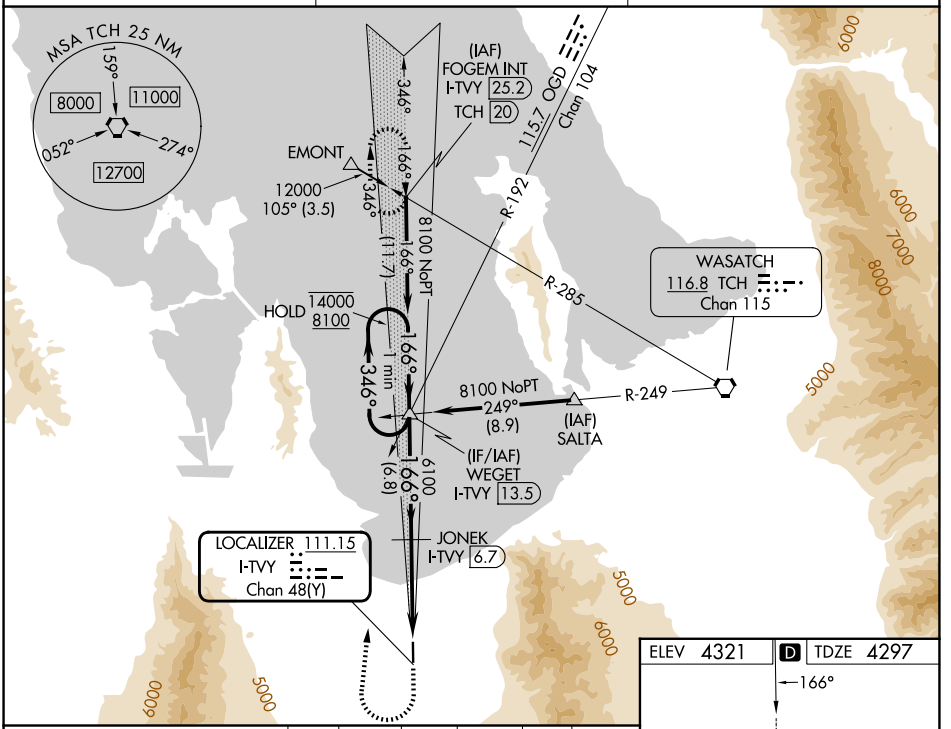
DME required.

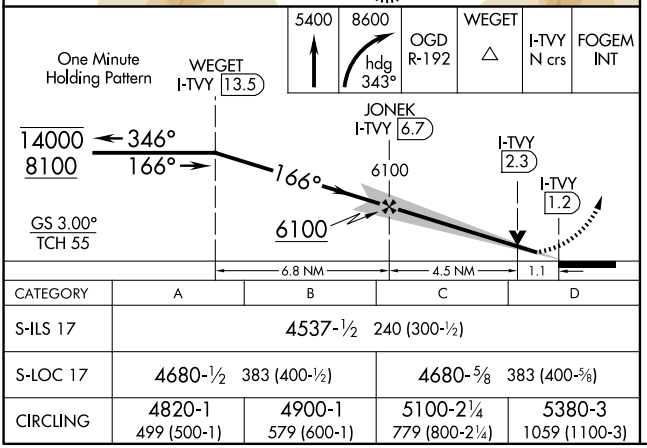
For inop ALS, increase S-LOC Cat C/D visibility to 1⅛ SM.

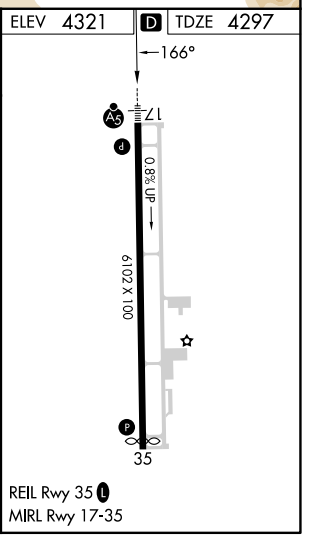
MALSR

MISSED APPROACH: Climb to 5400 then climbing right turn to 8600 heading 343° and OGD VORTAC R-192 to WEGET INT/I-TVY 13.5 DME and I-TVY north course to FOGEM INT/I-TVY 25.2 DME and hold.

AWOS-3PT	SALT LAKE CITY APP CON	UNICOM
119.725	135.5 316.15	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 17	4537-½ 240 (300-½)			
S-LOC 17	4680-½ 383 (400-½)		4680-⅝ 383 (400-⅝)	
CIRCLING	4820-1 499 (500-1)	4900-1 579 (600-1)	5100-2¼ 779 (800-2¼)	5380-3 1059 (1100-3)

TOOELE, UTAH
Amdt 3A 14MAY26

40°37'N-112°21'W

BOLINDER FLD/TOOELE VALLEY (TVY)

ILS or LOC RWY 17

SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	6102
CH 73031	166°	TDZE	4297
W17A		Apt Elev	4321

RNAV (GPS) RWY 17

BOLINDER FLD/TOOELE VALLEY (TVY)

RNP APCH - GPS.

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to ¾ SM.

MALSR A-5

MISSED APPROACH: Climb to 4800 then climbing right turn to 8600 direct WEGET and track 346° to FOGEM and hold.

AWOS-3PT	SALT LAKE CITY APP CON	UNICOM
119.725	135.5 316.15	123.0 (CTAF) L

Procedure NA for arrivals at EMONT on V257 northbound, and V236 northeast bound.

(IAF) EMONT

8100 NoPT 154° (13.8)

346° (11.7)

7 NM HOLD 14000 8100

166° 346°

(IF/IAF) WEGET

8100 NoPT 252° (8.9)

(IAF) SALTA

166° (9.8)

6100

9800 333° (7.6)

(FAF) JONEK

ANEYI

RW17 4328±

MISSED APCH FIX

7 NM 166° 346° FOGEM

MSA RW17 25 NM 12600

5000 7000 6000

ELEV 4321 D TDZE 4297

166°

0.8% UP

6102 X 100

35

REIL Rwy 35 L

MIRL Rwy 17-35

4800	8600	WEGET	tr 346°	FOGEM

7 NM Holding Pattern

14000 8100 346° 166°

166°

JONEK 6100

1.1 NM to RW17

RW17

GP 3.00° TCH 55

6100

6.8 NM 4.5 NM 1.1

CATEGORY	A	B	C	D
LPV DA	4497-½	200 (200-½)		
LNAV/VNAV DA	4547-½	250 (300-½)		
LNAV MDA	4640-½	343 (400-½)	4640-⅝	343 (400-⅝)
CIRCLING	4820-1 499 (500-1)	4900-1 579 (600-1)	5100-2¼ 779 (800-2¼)	5380-3 1059 (1100-3)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

(STACO2.STACO) 25275

STACO TWO DEPARTURE (RNAV)

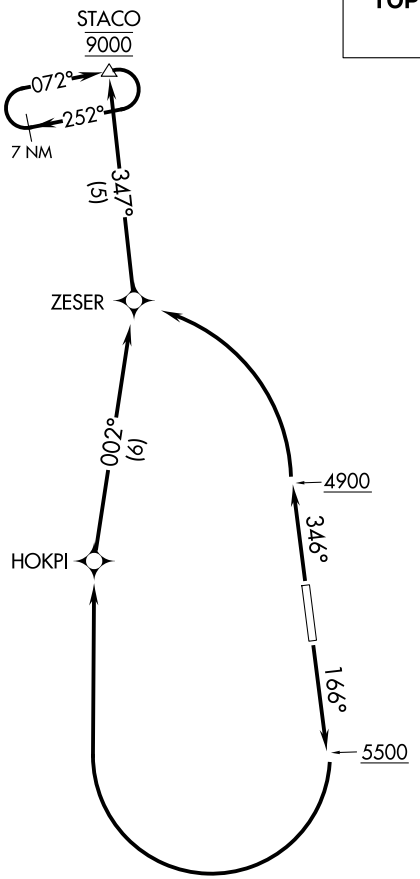
AL-6944 (FAA)

BOLINDER FLD/TOOELE VALLEY (TVY)

TOOELE, UTAH

SALT LAKE CITY DEP CON
135.5 316.15
SLC ASOS
125.625
AWOS-3PT
119.725
CTAF
123.0

TOP ALTITUDE: 9000



NOTE: RNAV 1.

NOTE: GPS required.

TAKEOFF MINIMUMS

Rwy 17: Standard with minimum climb of 350′ per NM to 8200.

Rwy 35: Standard with minimum climb of 380′ per NM to 9000.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb heading 166° to 5500, then climbing right turn direct HOKPI, then on depicted route to STACO, thence. . . .

TAKEOFF RUNWAY 35: Climb heading 346° to 4900, then climbing left turn direct ZESER, then on depicted route to STACO, thence. . . .

. . . . Maintain 9000 and hold at STACO.

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ILS or LOC RWY 6R

RYAN FLD (RYN)

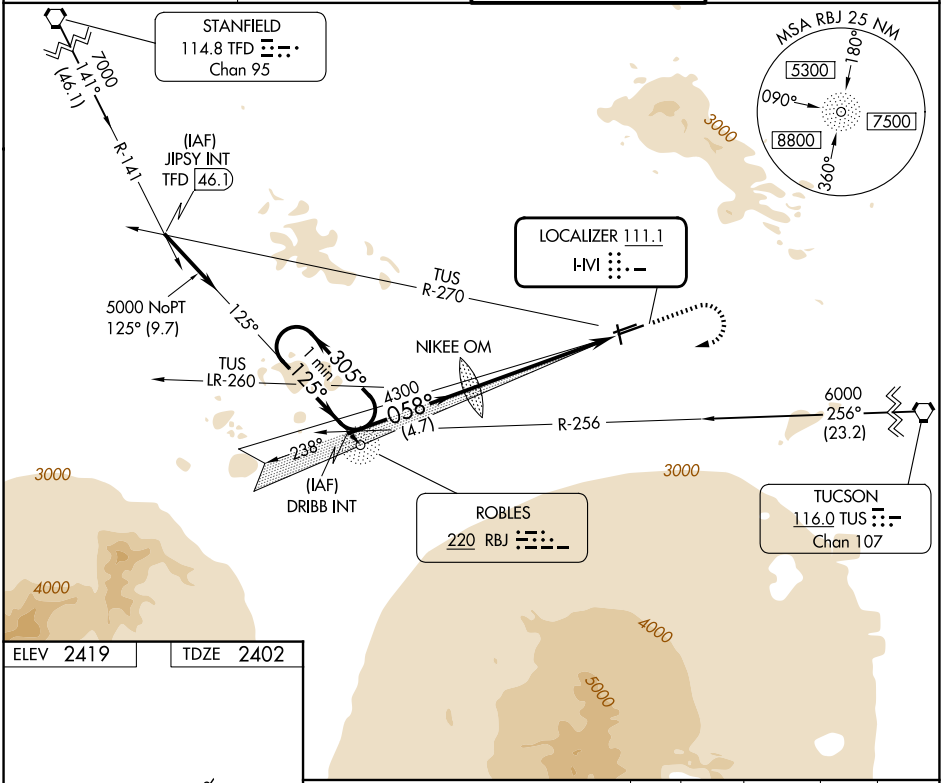
LOC I-IVI	APP CRS	Rwy Ldg	5500
111.1	058°	TDZE	2402
		Apt Elev	2419

ADF required.

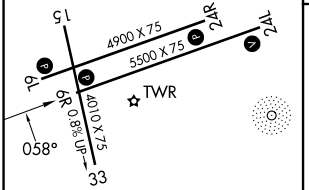
T A NA Circling NA for Cat D north of Rwy 24R and east of Rwy 15.

MISSED APPROACH: Climb to 3000, then climbing right turn to 5000 via direct RBJ NDB and 305° bearing RBJ to DRIBB INT and hold.

ATIS	TUCSON APP CON	RYAN TOWER★	GND CON
133.35	128.5 273.6	125.8 (CTAF) L	118.2

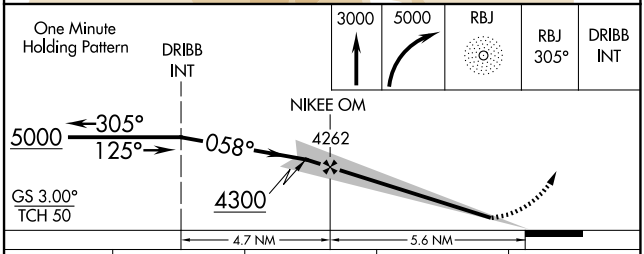


ELEV 2419	TDZE 2402



MIRL Rwy 6L-24R
REIL Rwys 6R and 6L
MIRL Rwys 6R-24L and 15-33 L

FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42



CATEGORY	A	B	C	D
S-ILS 6R	2652-1 250 (300-1)			
S-LOC 6R	2900-1 498 (500-1)		2900-1¼ 498 (500-1¼)	2900-1½ 498 (500-1½)
CIRCLING	2960-1 541 (600-1)		3040-1¾ 621 (700-1¾)	3320-3 901 (1000-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, ARIZONA | AL-6513 (FAA) | 26078

RNAV (GPS) RWY 6R

RYAN FLD (RYN)

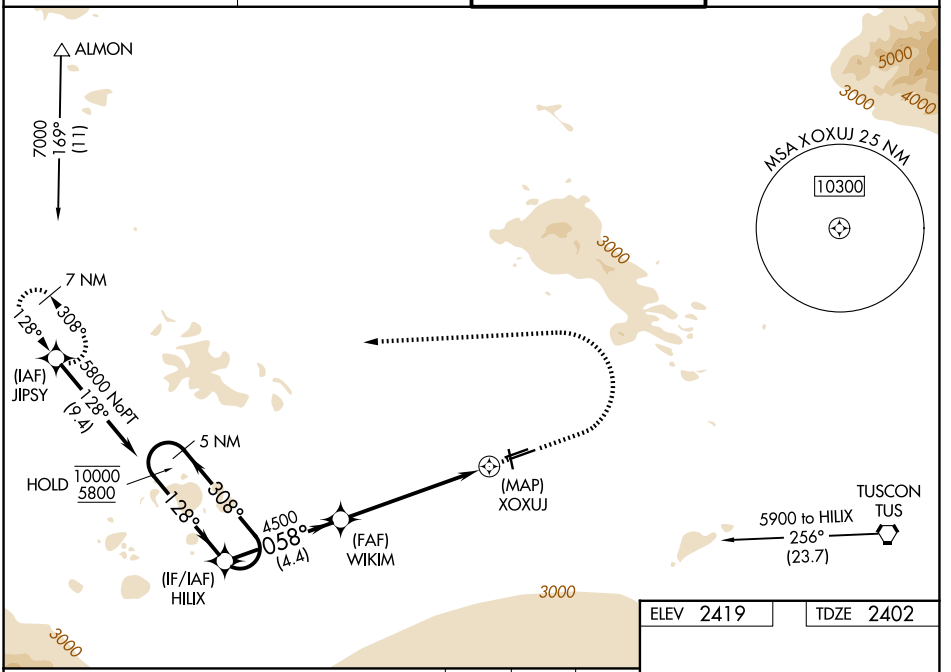
WAAS CH 86244 W06A	APP CRS 058°	Rwy Ldg 5500 / TDZE 2402 / Apt Elev 2419

RNP APCH - GPS.

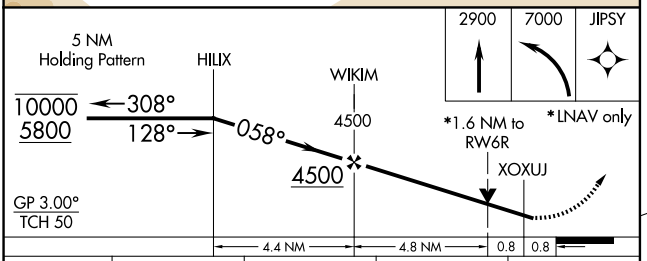
Circling NA for Cat D north of Rwy 24R and east of Rwy 15.
Rwy 6R helicopter visibility reduction below ¾ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C.

MISSED APPROACH: Max 240K until JIPSY. Climb to 2900 then climbing left turn to 7000 direct JIPSY and hold. Continue climb-in-hold to 7000.

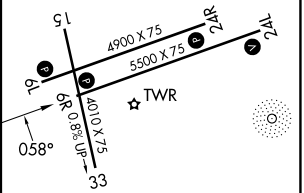
ATIS	TUSCON APP CON	RYAN TOWER*	GND CON
133.35	128.5 273.6	125.8 (CTAF) L	118.2



ELEV 2419 | TDZE 2402



CATEGORY	A	B	C	D
LPV DA	2675-⅞	273 (300-⅞)		
LNAV/VNAV DA	2756-1	354 (400-1)		
LNAV MDA	2960-1	558 (600-1)	2960-1⅝	558 (600-1⅝)
CIRCLING	2960-1	541 (600-1)	3040-1¾	3320-3
			621 (700-1¾)	901 (1000-3)



MIRL Rwy 6L-24R
REIL Rwys 6R and 6L
MIRL Rwys 6R-24L and 15-33 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

26134 AIRPORT DIAGRAM TUCSON, ARIZONA RYAN FLD (RYN)

ATIS
133.35
RYAN TOWER ★
125.8
GND CON
118.2

FIELD ELEV 2419

ELEV 2387
ELEV 2396
ELEV 2403
BLAST PAD 152 X 507
4900 X 75
5500 X 75
4010 X 75
0.8% UP
156°
238°
058°
336°
ELEV 2393
ELEV 2399
ELEV 2419
TWR
HS 1

RWY 06L-24R
S-12.5, D-30
RWY 06R-24L
S-12.5, D-30

VAR 12° E
JANUARY 1985
ANNUAL RATE OF CHANGE
0.0° W

AL-6513 (FAA)

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

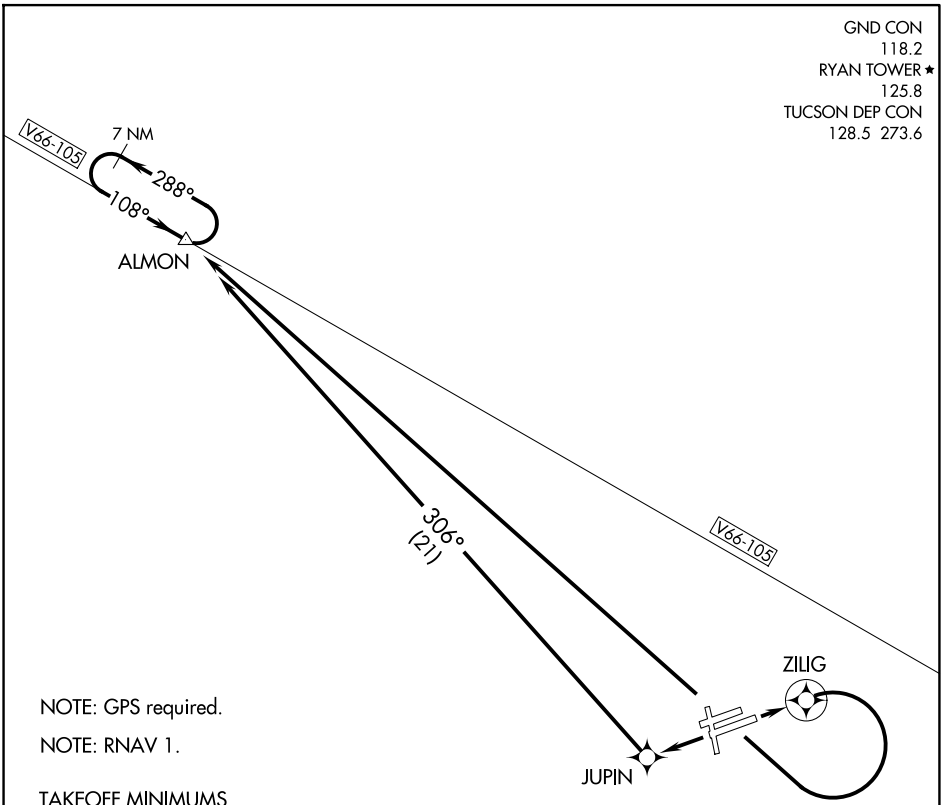
32°08.5'N
32°08.0'N
111°11.0'W
111°10.5'W
111°10.0'W

(ALMON1.ALMON) 21224

ALMON ONE DEPARTURE (OBSTACLE) (RNAV)

AL-6513 (FAA)

RYAN FLD (RYN)
TUCSON, ARIZONA



NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwys 6L, 15, 24R, 33: NA, ATC.
Rwy 6R: Standard with a minimum climb of 309′ per NM to 4400.
Rwy 24L: Standard.

TAKEOFF OBSTACLE NOTES

Rwy 6R: Bushes beginning 331′ from DER, 293′ right of centerline, up to 28′ AGL/2428′ MSL.
Bush 166′ from DER, 366′ left of centerline, 8′ AGL/2408′ MSL.
Rwy 24L: Bush 282′ from DER, 462′ left of centerline, 10′ AGL/2410′ MSL.
Windsock 280′ from DER, 248′ right of centerline, 18′ AGL/2408′ MSL.
Tree 1401′ from DER, 724′ right of centerline, 44′ AGL/2434′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6R: Climb direct ZILIG then via depicted route to ALMON. Maintain 8000 or assigned altitude.

TAKEOFF RUNWAY 24L: Climb direct JUPIN then via depicted route to ALMON. Maintain 8000 or assigned altitude.

LOC/DME I-TUS	APP CRS	Rwy Ldg	10996
111.7	126°	TDZE	2599
Chan 54		Apt Elev	2643

ILS or LOC RWY 12

TUCSON INTL (TUS)

RADAR or DME required. RADAR required for procedure entry at TACUB.

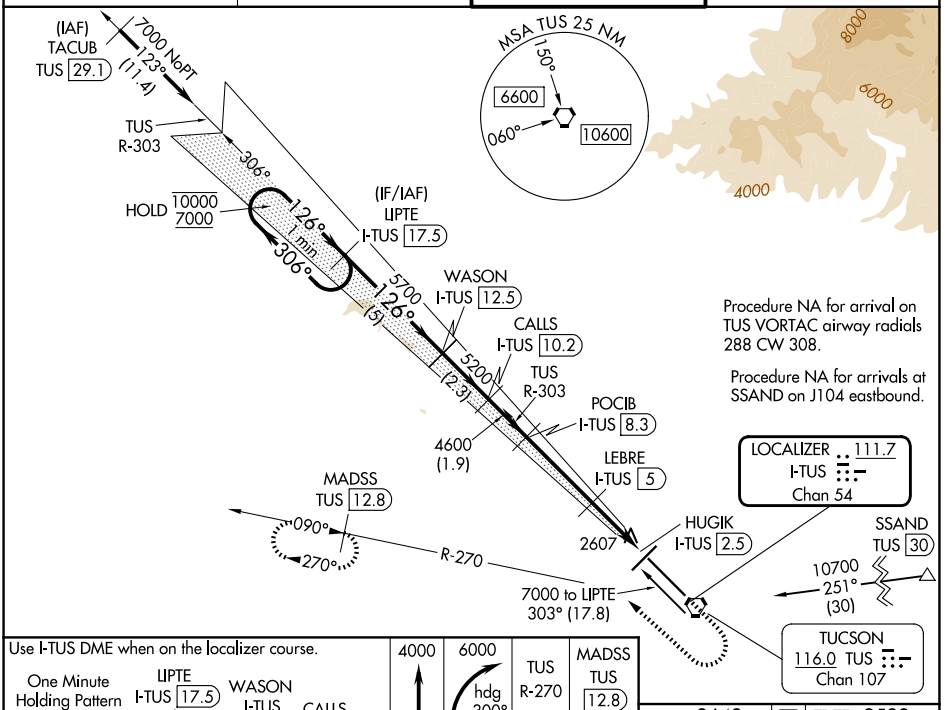
For inop ALS, increase S-ILS 12 Cat E visibility to RVR 4000, S-LOC 12 Cat E visibility to 2½ SM; LEBRE fix minimums: S-LOC 12 Cat C/D/E visibility to RVR 5500.

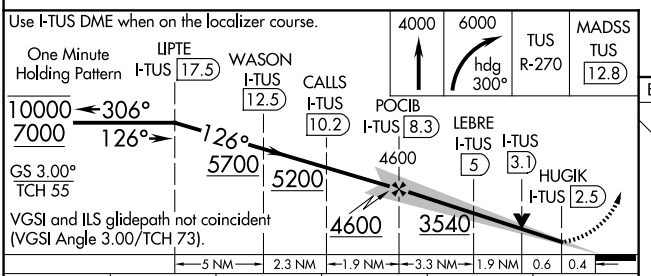
*RVR 1800 authorized with use of FD or AP or HUD to DA.

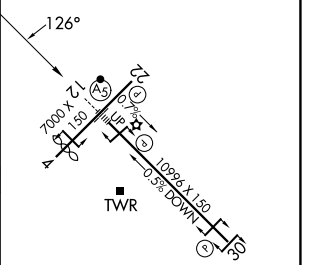
MALSR

MISSED APPROACH: Climb to 4000 then climbing right turn to 6000 on heading 300° and on TUS VORTAC R-270 to MADSS/TUS 12.8 DME and hold, continue climb in-hold to 6000.

ATIS	TUCSON APP CON	TUCSON TOWER	GND CON
123.8 279.65	119.4 318.1	118.3 257.8	120.025 348.6







ELEV 2643 D TDZE 2599

CATEGORY	A	B	C	D	E
S-ILS 12*	2799/24 200 (200-½)				
S-LOC 12	3540/40 941 (900-¾)		3540-2 941 (900-2)		
CIRCLING	3540-1¼ 897 (900-1¼)		3540-2¾ 897 (900-2¾)	3640-3 997 (1000-3)	3900-3 1257(1300-3)
LEBRE FIX MINIMUMS					
S-LOC 12	2960/24 361 (400-½)		2960/35 361 (400-⅝)		
CIRCLING	3160-1 517 (600-1)	3220-1 577 (600-1)	3220-1½ 577 (600-1½)	3640-3 997 (1000-3)	3900-3 1257(1300-3)

HIRL Rwy 12-30
MIRL Rwy 4-22
REIL Rwys 22 and 30

FAF to MAP 5.8 NM

Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, ARIZONA | AL-430 (FAA) | 25275

RNAV (RNP) Y RWY 12

TUCSON INTL (TUS)

APP CRS	Rwy Ldg	10996
126°	TDZE	2599
	Apt Elev	2643

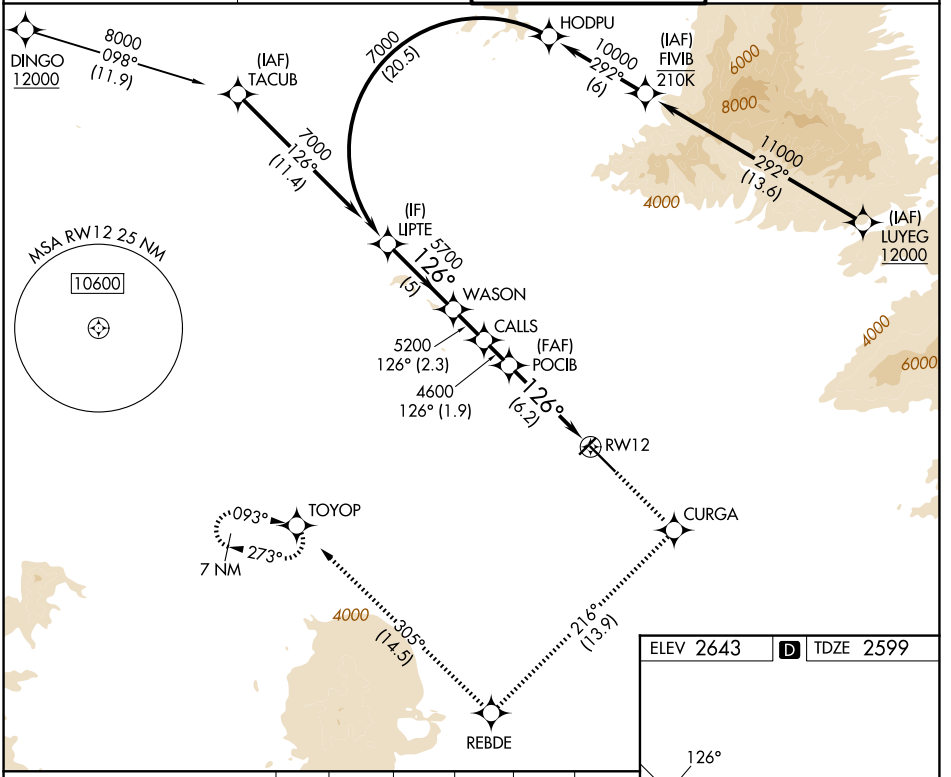
RNP AR APCH - GPS.

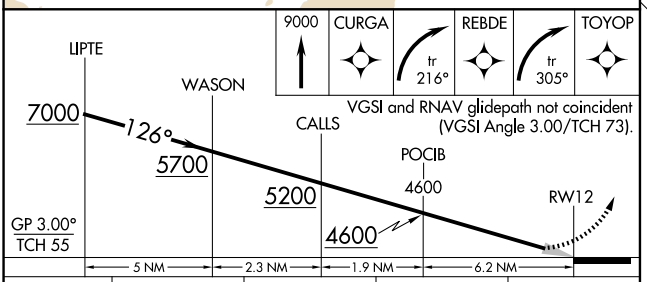
For uncompensated Baro-VNAV systems, procedure NA below -2°C or above 54°C. For inop ALS, increase RNP 0.30 all Cats visibility to RVR 4500.

MALSR

MISSED APPROACH: Climb to 9000 direct CURGA and climbing right turn on track 216° to REBDE and climbing right turn on track 305° to TOYOP and hold, continue climb-in-hold to 9000.

ATIS	TUCSON APP CON	TUCSON TOWER	GND CON
123.8 279.65	119.4 318.1	118.3 257.8	120.025 348.6

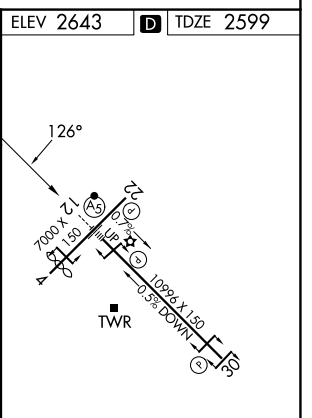




VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 73).

CATEGORY	A	B	C	D
RNP 0.30 DA	2905/24 306 (300-½)			

AUTHORIZATION REQUIRED



HIRL Rwy 12-30
MIRL Rwy 4-22
REIL Rwys 22 and 30

TUCSON, ARIZONA
Orig 30NOV23

32°07'N-110°56'W

TUCSON INTL (TUS)

RNAV (RNP) Y RWY 12

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	10996
306°	TDZE	2643
	Apt Elev	2643

RNAV (RNP) Y RWY 30

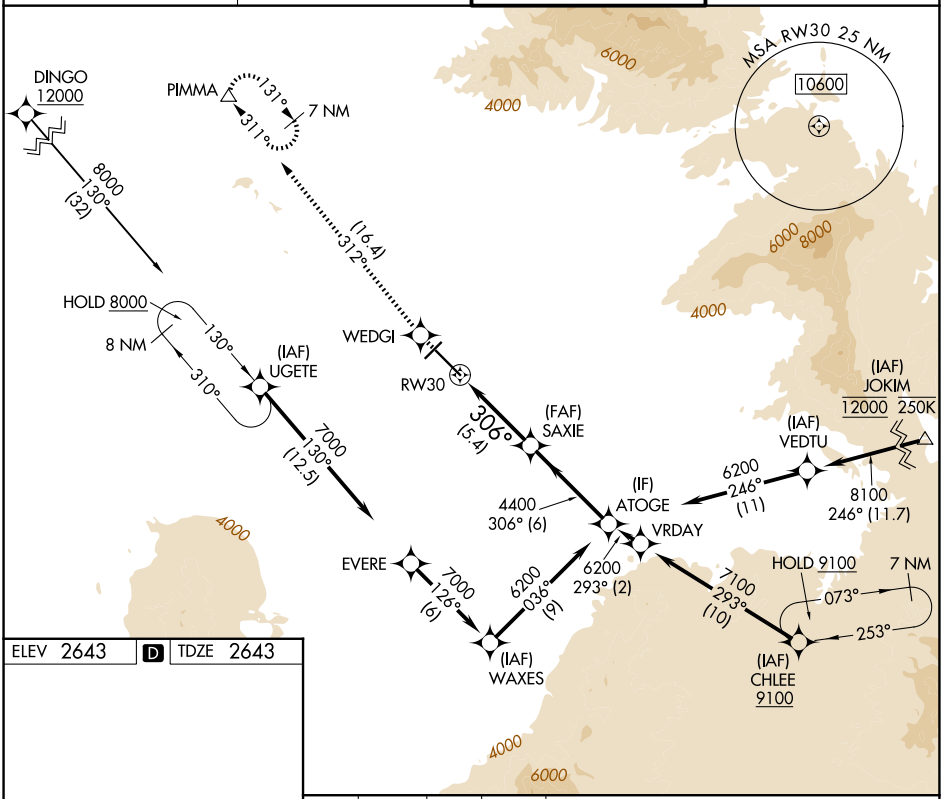
TUCSON INTL (TUS)

RNP AR APCH - GPS.

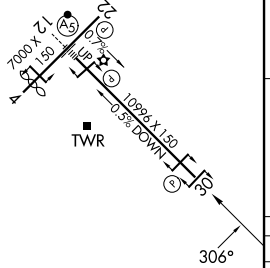
For uncompensated Baro-VNAV systems, procedure NA below -2°C or above 54°C.

MISSED APPROACH: Climb to 6800 direct WEDGI and on track 312° to PIMMA and hold.

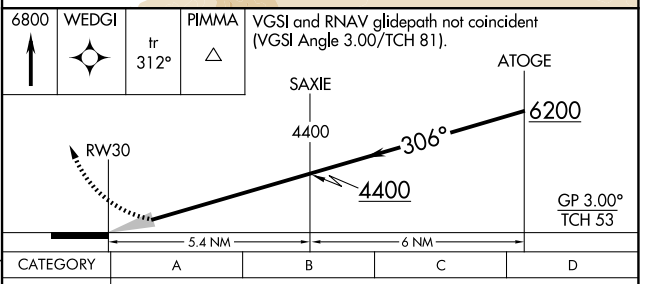
ATIS	TUCSON APP CON	TUCSON TOWER	GND CON
123.8 279.65	119.4 318.1	118.3 257.8	120.025 348.6



ELEV 2643 D TDZE 2643



HIRL Rwy 12-30
MIRL Rwy 4-22
REIL Rwys 22 and 30



CATEGORY	A	B	C	D
RNP 0.30 DA	3062-1⅛ 419 (500-1⅛)			

AUTHORIZATION REQUIRED

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, ARIZONA | AL-430 (FAA) | 25275

RNAV (GPS) RWY 4

TUCSON INTL (TUS)

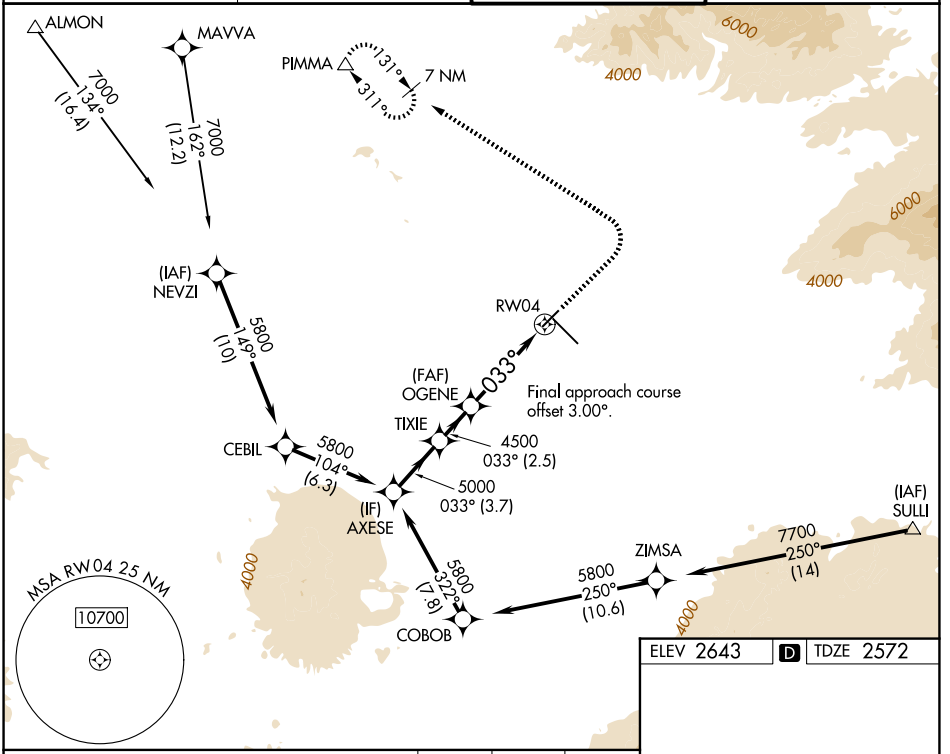
APP CRS	Rwy Ldg	6150
033°	TDZE	2572
	Apt Elev	2643

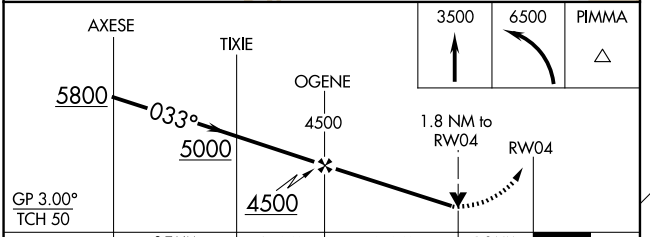
RNP APCH - GPS.

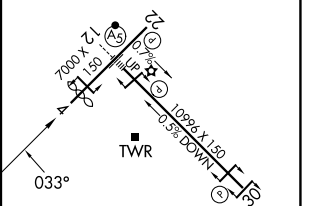
Rwy 4 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -2°C or above 54°C.

MISSED APPROACH: Climb to 3500 then climbing left turn to 6500 direct PIMMA and hold.

ATIS	TUCSON APP CON	TUCSON TOWER	GND CON
123.8 279.65	119.4 318.1	118.3 257.8	120.025 348.6







CATEGORY	A	B	C	D
LNAV/VNAV DA	3284-2½ 712 (700-2½)			
LNAV MDA	3180-1 608 (600-1)		3180-1¾ 608 (600-1¾)	
CIRCLING	3180-1 537 (600-1)	3220-1 577 (600-1)	3220-1¾ 577 (600-1¾)	3660-3 1017 (1100-3)

HIRL Rwy 12-30
MIRL Rwy 4-22
REIL Rwys 22 and 30

TUCSON, ARIZONA
Amdt 1C 30NOV23

32°07'N-110°56'W

TUCSON INTL (TUS)

RNAV (GPS) RWY 4

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	6000
216°	TDZE	2572
	Apt Elev	2643

RNAV (GPS) RWY 22

TUCSON INTL (TUS)

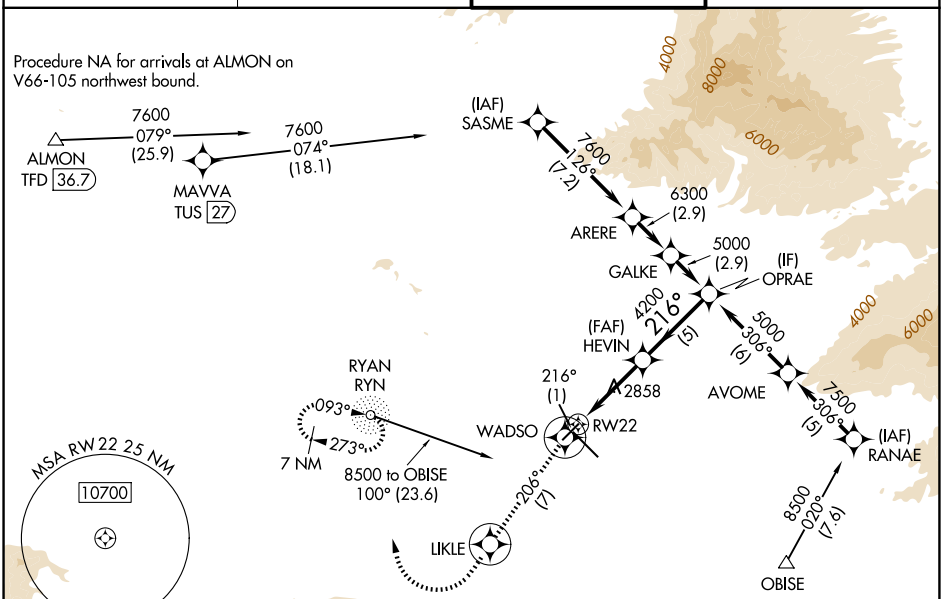
RNP APCH - GPS.

Rwy 22 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -2°C or above 54°C.

MISSED APPROACH: Climb to 6000 on track 216° to WADSO and 206° track to LIKLE and right turn direct RYN NDB and hold, continue climb-in-hold to 6000.

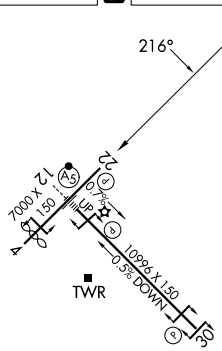
ATIS	TUCSON APP CON	TUCSON TOWER	GND CON
123.8 279.65	119.4 318.1	118.3 257.8	120.025 348.6

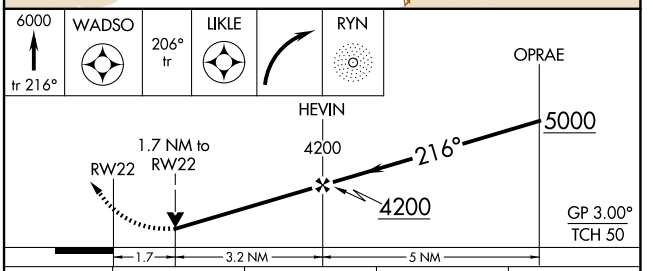
Procedure NA for arrivals at ALMON on V66-105 northwest bound.



Procedure NA for arrivals at OBISE on V66-T310 northwest bound.

ELEV 2643 D TDZE 2572





CATEGORY	A	B	C	D
LNAV/VNAV DA	3145-2 573 (600-2)			
LNAV MDA	3160-1 588 (600-1)		3160-1¾ 588 (600-1¾)	
CIRCLING	3160-1 517 (600-1)	3220-1 577 (600-1)	3220-1¾ 577 (600-1¾)	3660-3 1017 (1100-3)

HIRL Rwy 12-30
MIRL Rwy 4-22
REIL Rwys 22 and 30

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) Z RWY 12

TUCSON INTL (TUS)

WAAS	APP CRS	Rwy Ldg	10996
CH 93545	126°	TDZE	2599
W12A		Apt Elev	2643

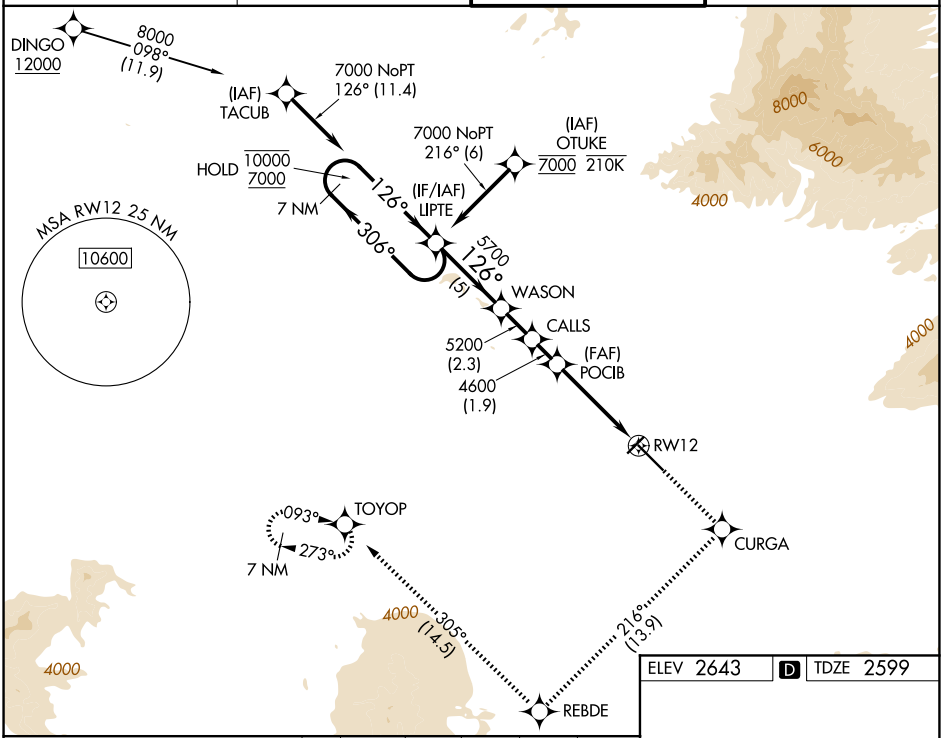
RNP APCH - GPS.

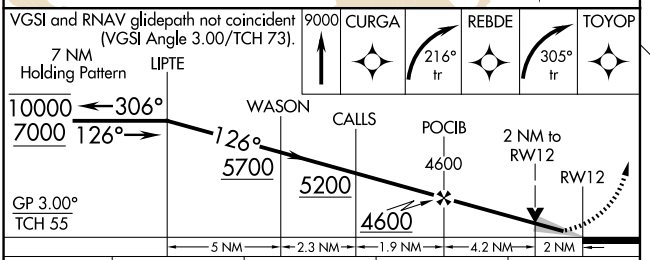
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -2°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 4500, and increase LNAV Cats C/D visibility to 2 SM.

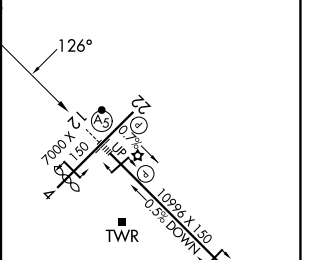
MALSR

MISSED APPROACH: Climb to 9000 direct CURGA and climbing right turn on 216° track to REBDE and climbing right turn on 305° track to TOYOP and hold, continue climb-in-hold to 9000.

ATIS	TUCSON APP CON	TUCSON TOWER	GND CON
123.8 279.65	119.4 318.1	118.3 257.8	120.025 348.6







CATEGORY	A	B	C	D
LPV DA	2799/24 200 (200-½)			
LNAV/VNAV DA	2905/24 306 (300-½)			
LNAV MDA	3300/24 701 (700-½)		3300-1⅝ 701 (700-1⅝)	
CIRCLING	3300-1 657 (700-1)		3300-2 657 (700-2)	3640-3 997 (1000-3)

HIRL Rwy 12-30
MIRL Rwy 4-22
REIL Rwys 22 and 30

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	10996
CH 45746	306°	TDZE	2643
W30A		Apt Elev	2643

RNAV (GPS) Z RWY 30

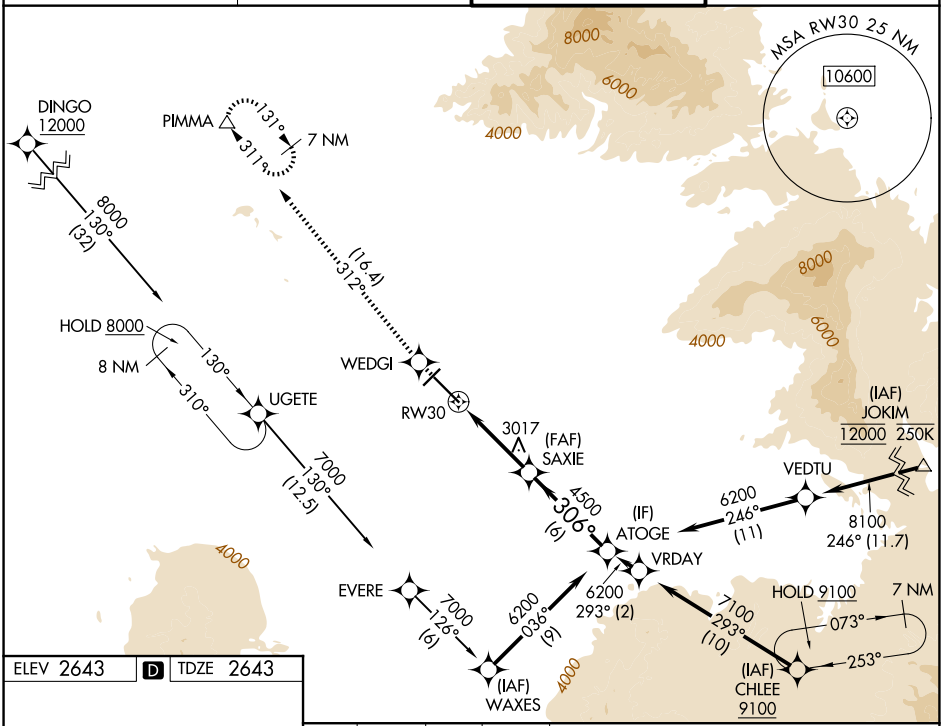
TUCSON INTL (TUS)

RNP APCH - GPS.

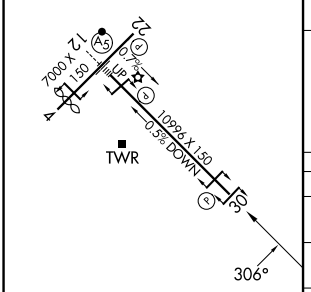
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -2°C or above 54°C.

MISSED APPROACH: Climb to 6800 direct WEDGI and on track 312° to PIMMA and hold.

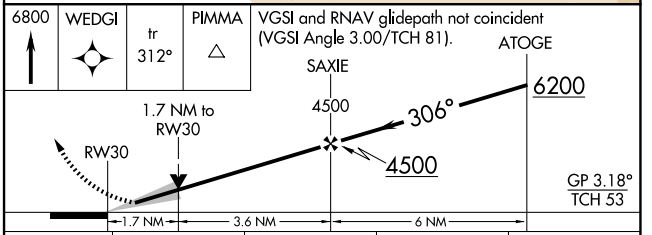
ATIS	TUCSON APP CON	TUCSON TOWER	GND CON
123.8 279.65	119.4 318.1	118.3 257.8	120.025 348.6



ELEV 2643 D TDZE 2643



HIRL Rwy 12-30
MIRL Rwy 4-22
REIL Rwys 22 and 30



CATEGORY	A	B	C	D
LPV DA	2929-⅞ 286 (300-⅞)			
LNAV/VNAV DA	3029-1⅛ 386 (400-1⅛)			
LNAV MDA	3280-1 637 (700-1)		3280-1¾ 637 (700-1¾)	
CIRCLING	3300-1 657 (700-1)		3300-1¾ 657 (700-1¾)	3640-3 997 (1000-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON, ARIZONA | AL-430 (FAA) | 25275

VOR or TACAN RWY 12

TUCSON INTL (TUS)

VORTAC TUS	APP CRS	Rwy Ldg	10996
116.0	123°	TDZE	2599
Chan 107		Apt Elev	2643

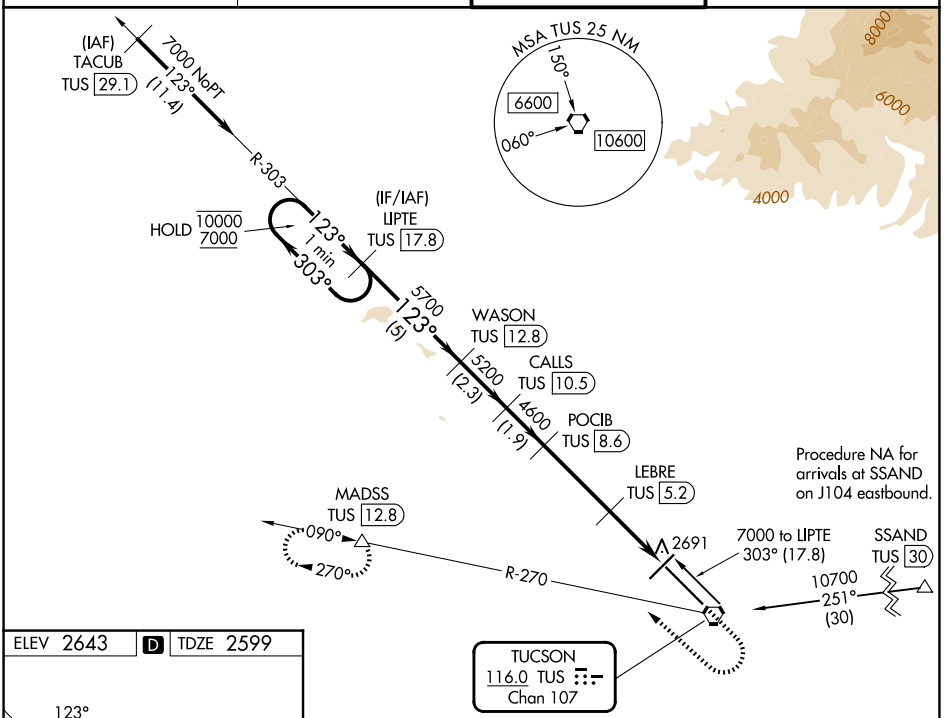
DME required. RADAR required for procedure entry at TACUB.

For inop ALS, increase Cat E visibility to 1¼ SM.

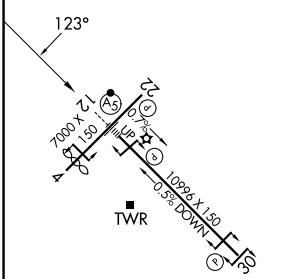
MALSR

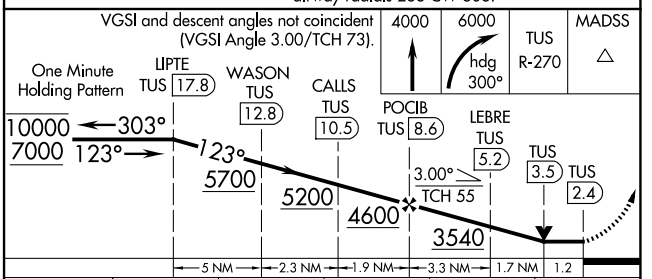
MISSED APPROACH: Climb to 4000 then climbing right turn to 6000 on heading 300° and TUS VORTAC R-270 to MADSS/TUS 12.8 DME and hold, continue climb in hold to 6000.

ATIS	TUCSON APP CON	TUCSON TOWER	GND CON
123.8 279.65	119.4 318.1	118.3 257.8	120.025 348.6



ELEV 2643 | D | TDZE 2599





CATEGORY	A	B	C	D	E
S-12	3020/24 421 (400-½)		3020/40 421 (400-¾)		
CIRCLING	3160-1 517 (600-1)	3180-1 537 (600-1)	3200-1½ 557 (600-1½)	3660-3 1017(1100-3)	3920-3 1277(1300-3)

HIRL Rwy 12-30
MIRL Rwy 4-22
REIL Rwys 22 and 30

TUCSON, ARIZONA
Orig 30NOV23

32°07′N-110°56′W

TUCSON INTL (TUS)

VOR or TACAN RWY 12

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

VOR or TACAN RWY 30

TUCSON INTL (TUS)

VORTAC TUS	APP CRS	Rwy Ldg	10996
116.0	303°	TDZE	2643
Chan 107		Apt Elev	2643

DME required.

MISSED APPROACH: Climb to 6500 to PIMMA/TUS 20 DME on TUS R-308.

ATIS	TUCSON APP CON	TUCSON TOWER	GND CON
123.8 279.65	119.4 318.1	118.3 257.8	120.025 348.6

MISSED APCH FIX

PIMMA
TUS 20

116.0 TUS
R-308
Chan 107

R-308

HOSVO
TUS 0.3

2875
2894

TUCSON
116.0 TUS
Chan 107

GAVET
TUS 1.9

COPEY
TUS 5

4500
(4.9)

NAIRB
TUS 9.9

6000
(3.6)

VAINE
TUS 13.5

7100
303°
(6.5)

R-107

(IAF)
SULLI
TUS 20

8000
TUS 20 Arc

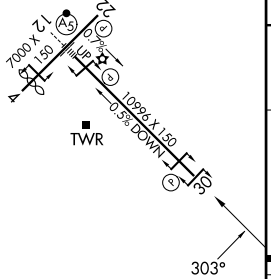
(IF)
ILEEN
TUS 20

R-123

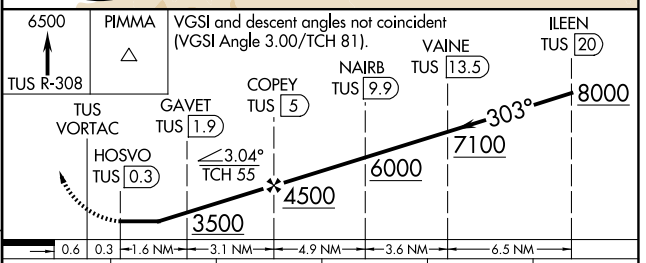
8000
6000
4000

MSA TUS 25 NM
150°
6600
10600
060°

ELEV 2643 D TDZE 2643



HIRL Rwy 12-30
MIRL Rwy 4-22
REIL Rwys 22 and 30



CATEGORY	A	B	C	D	E
S-30	3160-1 517 (600-1)		3160-1⅜ 517 (600-1⅜)		
CIRCLING	3160-1 517 (600-1)	3220-1 577 (600-1)	3220-1½ 577 (600-1½)	3660-3 1017(1100-3)	3920-3 1277(1300-3)

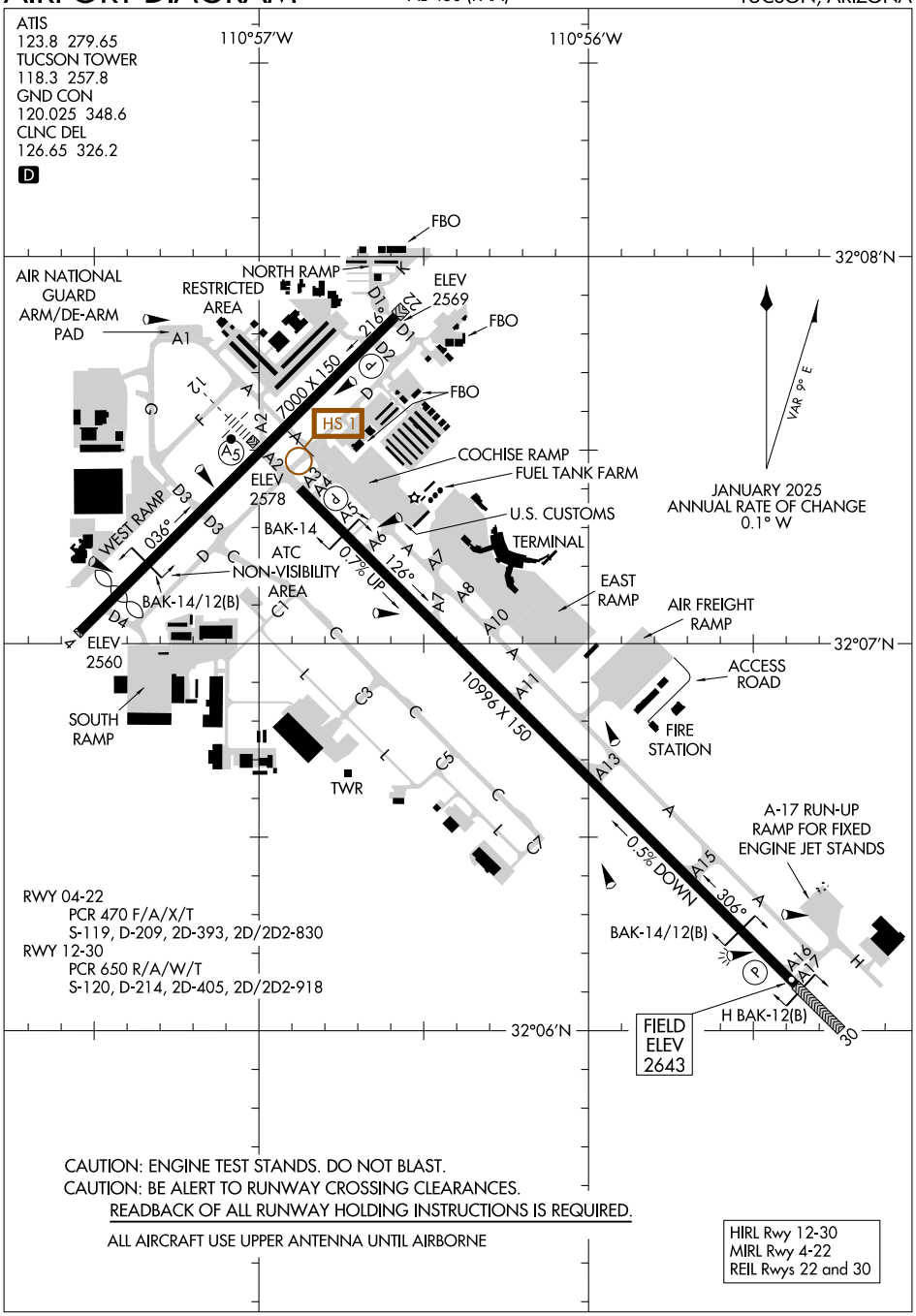
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134

AIRPORT DIAGRAM

AL-430 (FAA)

TUCSON INTL (TUS)
TUCSON, ARIZONA



AIRPORT DIAGRAM
26134
TUCSON, ARIZONA
TUCSON INTL (TUS)

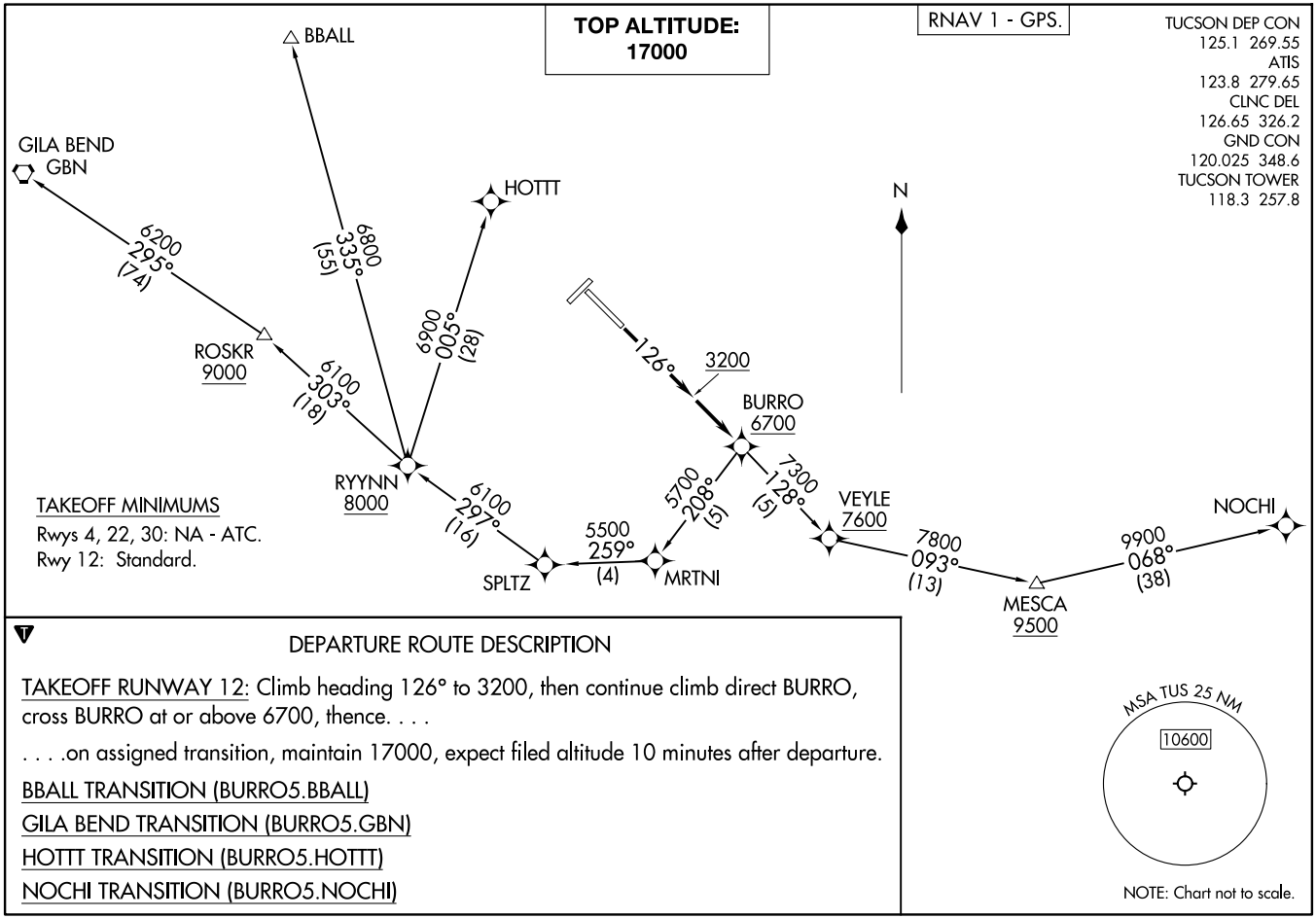
SW-4, 03 SEP 2026 to 29 OCT 2026

BURRO FIVE DEPARTURE (RNAV)

(BURRO5.BURRO) 30NOV23

TUCSON, ARIZONA

TUCSON INTL (TUS)



(BURRO5.BURRO) 24081

BURRO FIVE DEPARTURE (RNAV)

AL-430 (FAA)

TUCSON INTL (TUS)

TUCSON, ARIZONA

553

(TUS9.TUS) 24081

TUCSON NINE DEPARTURE

AL-430 (FAA)

TUCSON INTL (TUS)
TUCSON, ARIZONA

SW-4, 03 SEP 2026 to 29 OCT 2026

TUCSON NINE DEPARTURE

(TUS9.TUS) 30NOV23

TUCSON, ARIZONA
TUCSON INTL (TUS)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 036° to 3000 then climbing right turn on heading 172° and TUS R-018 to TUS VORTAC, thence . . . .
TAKEOFF RUNWAY 12: Climb on heading 126° to 4000 then climbing left turn direct TUS VORTAC, thence . . . .
TAKEOFF RUNWAY 22 : Climb on heading 216° to 3000 then climbing left turn on heading 078° and TUS VORTAC R-227 to TUS VORTAC, thence . . . .
TAKEOFF RUNWAY 30: Climbing right turn direct TUS VORTAC. Thence . . . .

. . . . maintain 17000, expect clearance to filed altitude 10 minutes after departure.

BAYBI TRANSITION (TUS9.BAYBI): From over TUS VORTAC on TUS R-335 to BAYBI.
BBALL TRANSITION (TUS9.BBALL): From over TUS VORTAC on TUS R-319 to BBALL.
GILA BEND TRANSITION (TUS9.GBN): From over TUS VORTAC on TUS R-280 and GBN R-109 to GBN VORTAC.
MESCA TRANSITION (TUS9.MESCA): From over TUS VORTAC on TUS R-107 and SSO R-238 to SSO VORTAC.
PHOENIX TRANSITION (TUS9.PXR): From over TUS VORTAC on TUS R-319 and PXR R-127 to PXR VORTAC.
REDDY TRANSITION (TUS9.REDDY): From over TUS VORTAC on TUS R-038 and SSO R-261 to SSO VORTAC.

SW-4, 03 SEP 2026 to 29 OCT 2026

WLDKT FOUR DEPARTURE (RNAV)

(WLDKT4.WLDKT) 30NOV23

TUCSON, ARIZONA

TUCSON INTL (TUS)

TOP ALTITUDE: 17000

WILLIE IWA

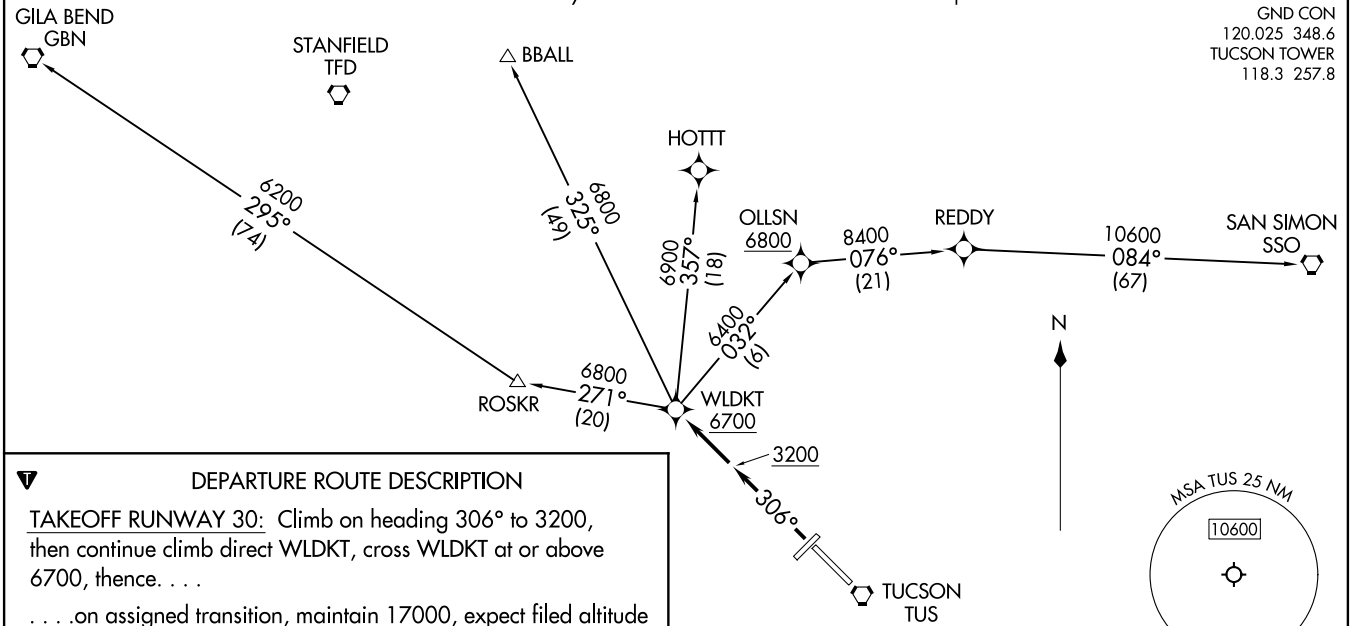
RNAV 1 - GPS.

TUCSON DEP CON
125.1 269.55
ATIS
123.8 279.65
CLNC DEL
126.65 326.2
GND CON
120.025 348.6
TUCSON TOWER
118.3 257.8

TAKEOFF MINIMUMS

Rwys 4, 12, 22: NA - ATC.

Rwy 30: Standard with minimum climb of 330' per NM to 4900.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 30: Climb on heading 306° to 3200, then continue climb direct WLDKT, cross WLDKT at or above 6700, thence. . . .

. . . .on assigned transition, maintain 17000, expect filed altitude 10 minutes after departure.

BBALL TRANSITION (WLDKT4.BBALL)

GILA BEND TRANSITION (WLDKT4.GBN)

HOTTT TRANSITION (WLDKT4.HOTTT)

SAN SIMON TRANSITION (WLDKT4.SSO)

NOTE: Chart not to scale.

(WLDKT4.WLDKT) 24081

WLDKT FOUR DEPARTURE (RNAV)

AL-430 (FAA)

TUCSON INTL (TUS)

TUCSON, ARIZONA

556

RNAV (GPS) Y RWY 35

VERNAL RGNL (VEL)

APP CRS	Rwy Ldg	7000
349°	TDZE	5274
	Apt Elev	5274

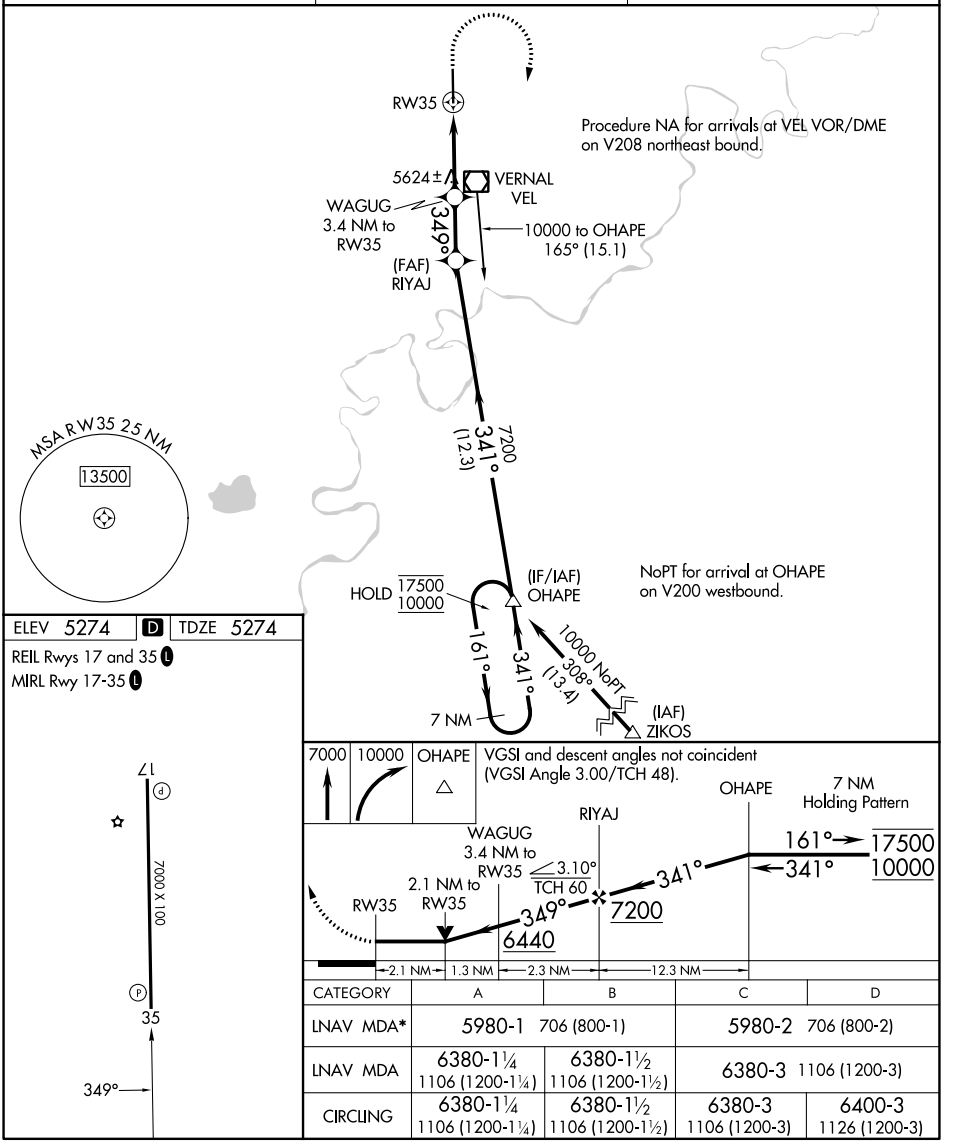
RNP APCH - GPS.

Circling NA west of Rwy 17-35. Rwy 35 helicopter visibility reduction below ¾ NA.

-26°C

MISSED APPROACH: Climb to 7000 then climbing right turn to 10000 direct OHAPE and hold.
*Missed approach requires minimum climb of 300 feet per NM to 7500.

ASOS	SALT LAKE CENTER	UNICOM
118.125	119.95 377.15	122.7 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA*	5980-1 706 (800-1)		5980-2 706 (800-2)	
LNAV MDA	6380-1¼ 1106 (1200-1¼)	6380-1½ 1106 (1200-1½)	6380-3 1106 (1200-3)	
CIRCLING	6380-1¼ 1106 (1200-1¼)	6380-1½ 1106 (1200-1½)	6380-3 1106 (1200-3)	6400-3 1126 (1200-3)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

VERNAL, UTAH | AL-792 (FAA) | 25331

RNAV (GPS) Z RWY 35

VERNAL RGNL (VEL)

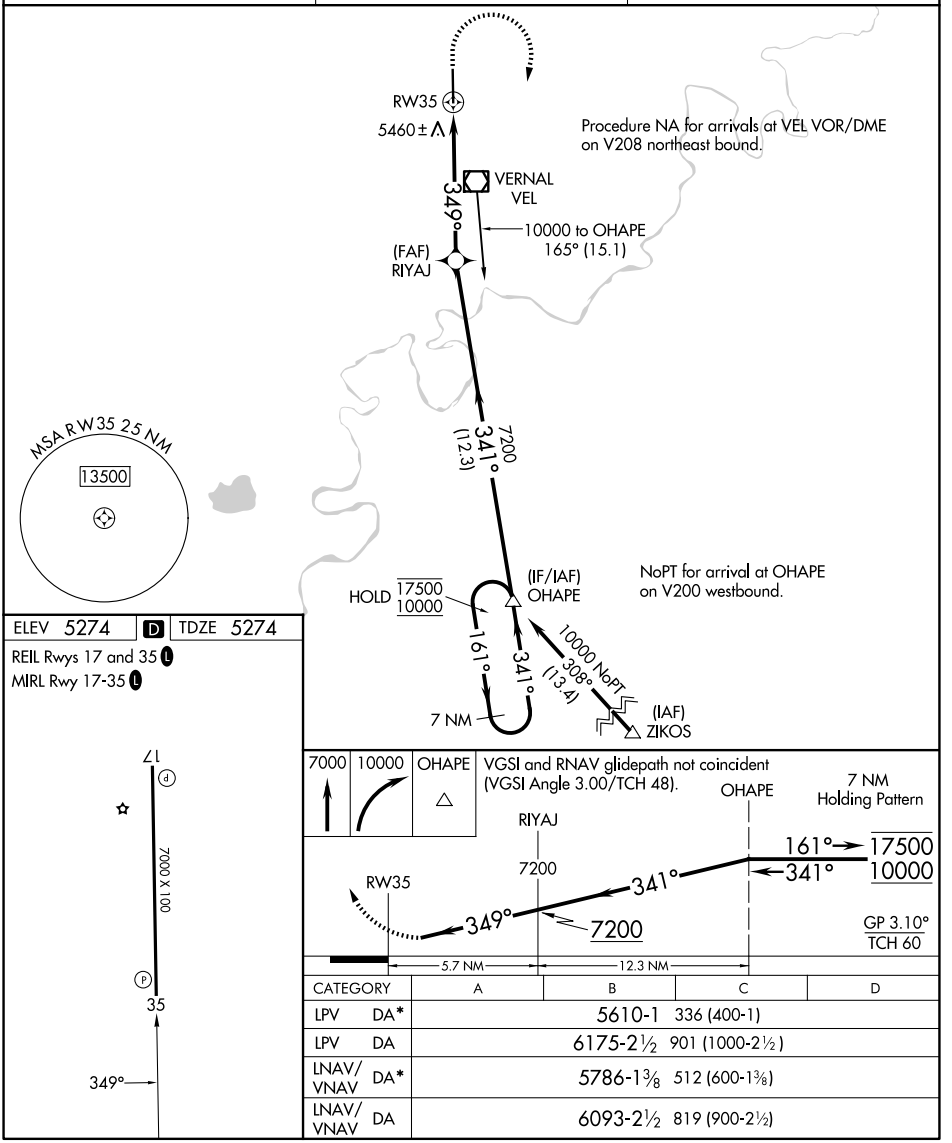
WAAS	APP CRS	Rwy Ldg	7000
CH 90241	349°	TDZE	5274
W35A		Apt Elev	5274

RNP APCH.

T A -26°C Rwy 35 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, procedure NA below -21°C or above 54°C.

MISSED APPROACH: Climb to 7000 then climbing right turn to 10000 direct OHAPE and hold.
*Missed approach requires minimum climb of 290 feet per NM to 8600.

ASOS	SALT LAKE CENTER	UNICOM
118.125	119.95 377.15	122.7 (CTAF) L



CATEGORY		A	B	C	D
LPV	DA*	5610-1 336 (400-1)			
LPV	DA	6175-2½ 901 (1000-2½)			
LNAV/VNAV	DA*	5786-1⅜ 512 (600-1⅜)			
LNAV/VNAV	DA	6093-2½ 819 (900-2½)			

VERNAL, UTAH
Orig-B 22APR21

40°26′N-109°31′W

VERNAL RGNL (VEL)

RNAV (GPS) Z RWY 35

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

VOR/DME VEL	APP CRS	Rwy Ldg	7000
114.15	329°	TDZE	5274
Chan 88 (Y)		Apt Elev	5274

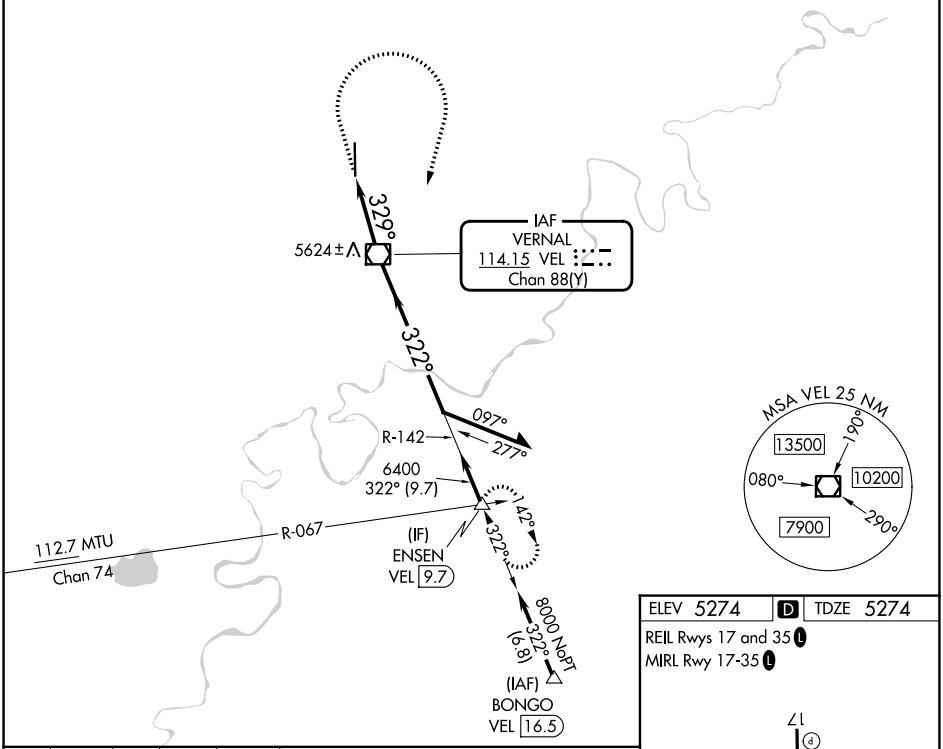
VOR RWY 35
VERNAL RGNL (VEL)

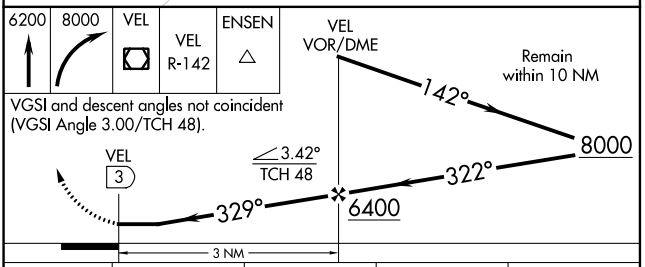
T A -26°C

Circling NA west of Rwy 17-35.
Rwy 35 helicopter visibility reduction below ¾ NA.

MISSED APPROACH: Climb to 6200 then climbing right turn to 8000 direct VEL VOR/DME and on VEL VOR/DME R-142 to ENSEN INT/9.7 DME and hold.

ASOS	SALT LAKE CENTER	UNICOM
118.125	119.95 377.15	122.7 (CTAF) L

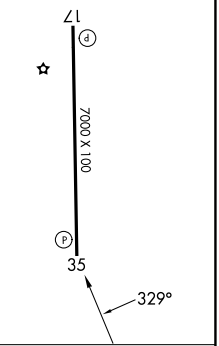




CATEGORY	A	B	C	D
S-35	6160-1¼	886 (900-1¼)	6160-2½	886 (900-2½)
CIRCLING	6160-1¼	886 (900-1¼)	6160-2¾ 886 (900-2¾)	6400-3 1126 (1200-3)

ELEV 5274	D	TDZE 5274

REIL Rwys 17 and 35 L
MIRL Rwy 17-35 L



FAF to MAP 3 NM					
Knots	60	90	120	150	180
Min:Sec	3:00	2:00	1:30	1:12	1:00

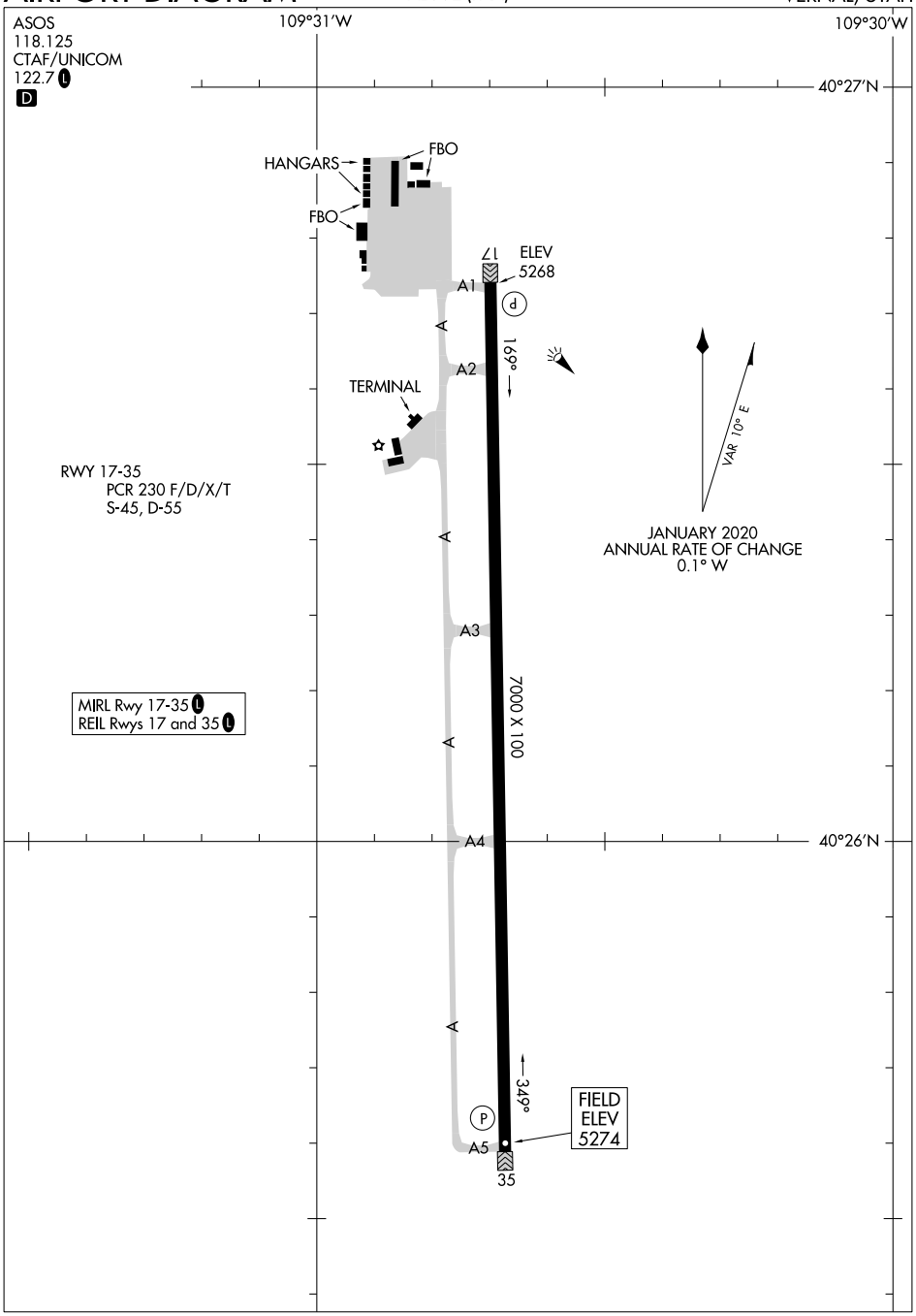
SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

26134

AIRPORT DIAGRAM

AL-792 (FAA)

VERNAL RGNL (VEL)
VERNAL, UTAH



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM
26134

VERNAL, UTAH
VERNAL RGNL (VEL)

WAAS	APP CRS	Rwy Ldg	10002
CH 42523	078°	TDZE	4230
W08A		Apt Elev	4237

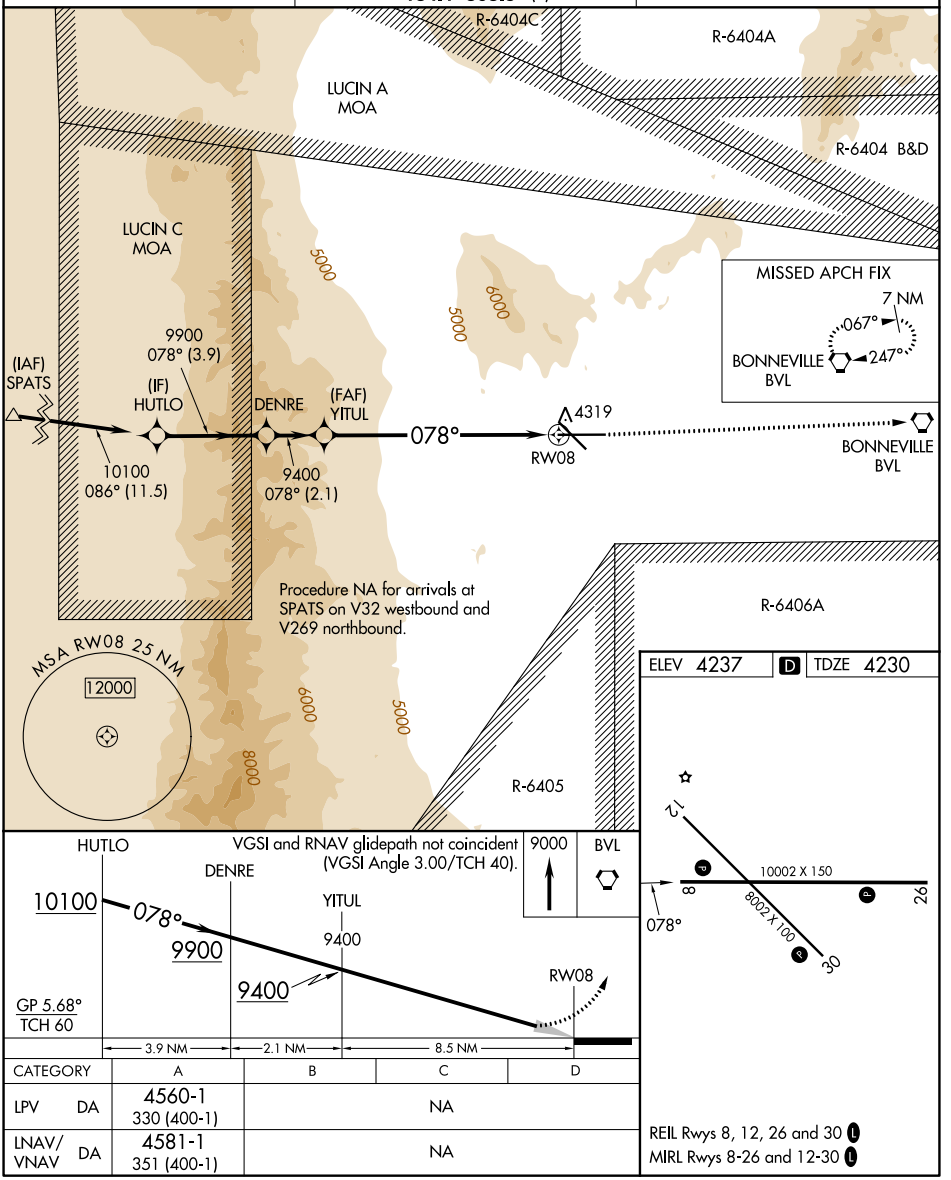
RNAV (GPS) RWY 8
WENDOVER (ENV)

NA
-12°C

Baro-VNAV NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 9000 direct BVL VORTAC and hold, continue climb-in-hold to 9000.

AWOS-3PT	CLOVER APP CON ★	UNICOM
120.55	118.45 285.65 (N) 134.1 363.5 (S)	122.8 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	4560-1 330 (400-1)	NA		
LNAV/VNAV DA	4581-1 351 (400-1)	NA		

REIL Rwys 8, 12, 26 and 30 L
MIRL Rwys 8-26 and 12-30 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WENDOVER, UTAH | AL-445 (FAA) | 26246

RNAV (GPS) RWY 26

WENDOVER (ENV)

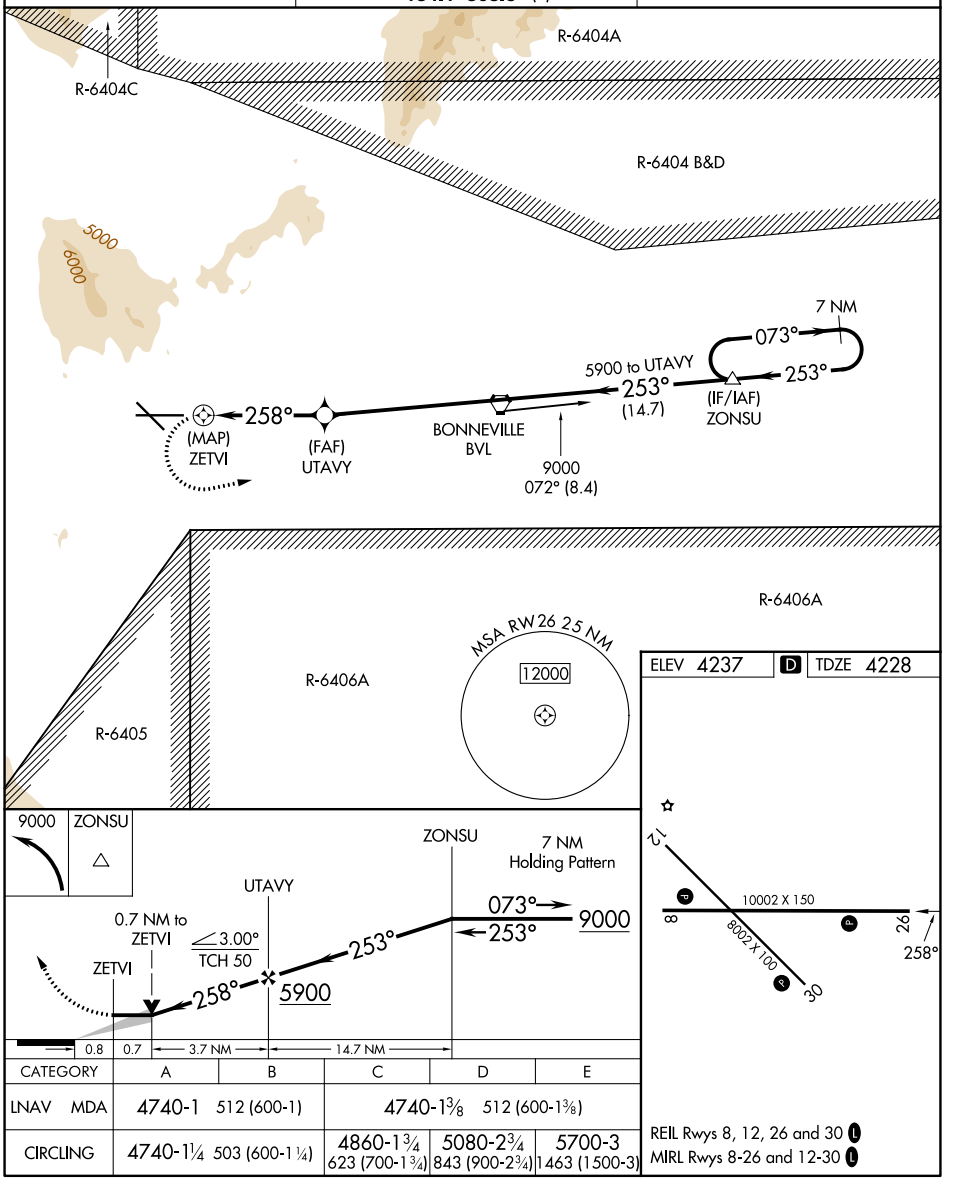
APP CRS	Rwy Ldg	10002
258°	TDZE	4228
	Apt Elev	4237

NA
-12°C

Circling NA north of Rwy 8-26.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing left turn to 9000 direct ZONSU and hold, continue climb-in-hold to 9000.

AWOS-3PT	CLOVER APP CON ★	UNICOM
120.55	118.45 285.65 (N) 134.1 363.5 (S)	122.8 (CTAF) L



CATEGORY	A	B	C	D	E
LNAV MDA	4740-1 512 (600-1)		4740-1⅜ 512 (600-1⅜)		
CIRCLING	4740-1¼ 503 (600-1¼)		4860-1¾ 623 (700-1¾)	5080-2¾ 843 (900-2¾)	5700-3 1463 (1500-3)

REIL Rwys 8, 12, 26 and 30 L
MIRL Rwys 8-26 and 12-30 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS)-A
WENDOVER (ENV)

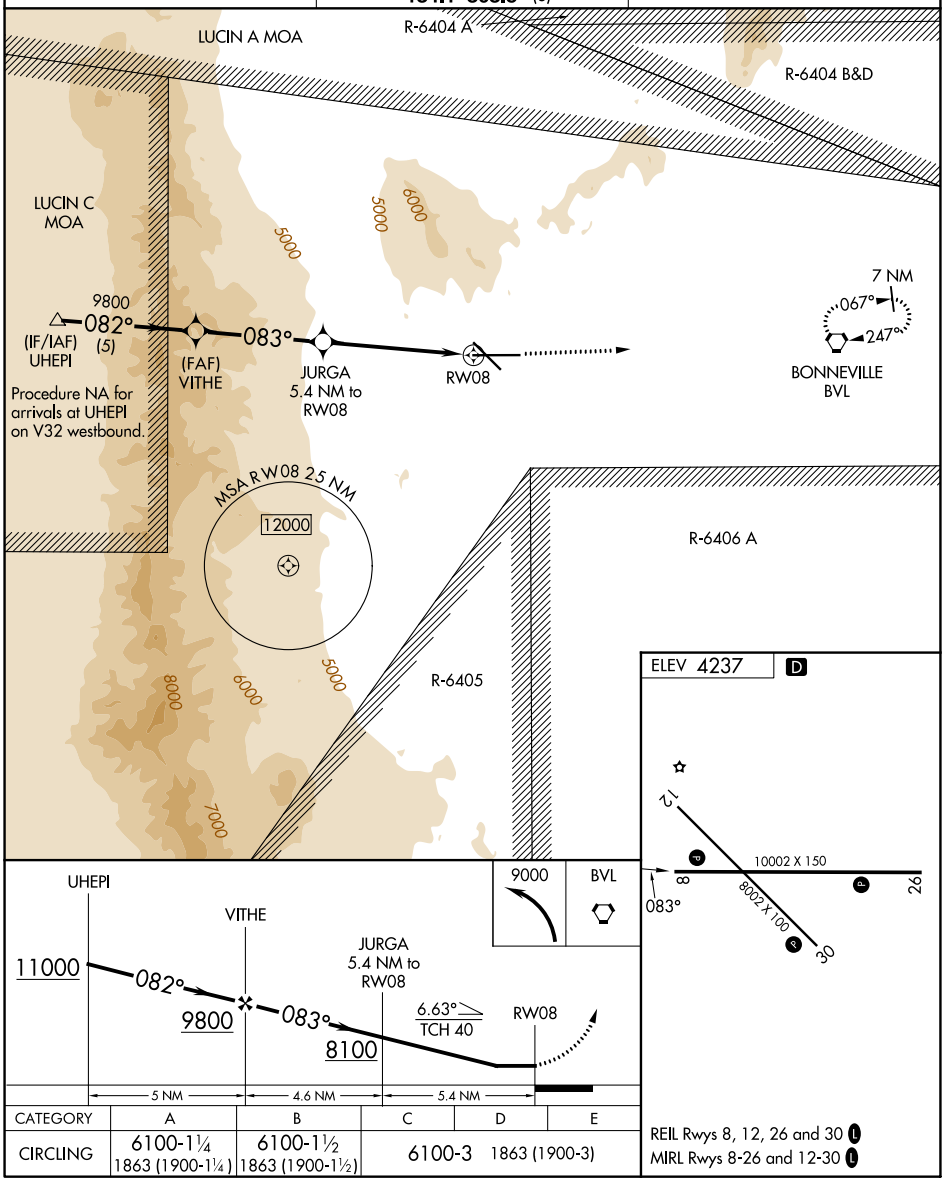
APP CRS	Rwy Ldg	N/A
083°	TDZE	N/A
	Apt Elev	4237

T A -12°C

Circling NA north of Rwy 8-26.
DME/DME RNP- 0.3 NA.

MISSED APPROACH: Climbing left turn to 9000 direct BVL VORTAC and hold, continue climb-in-hold to 9000.

AWOS-3PT	CLOVER APP CON ★	UNICOM
120.55	118.45 285.65 (N) 134.1 363.5 (S)	122.8 (CTAF) L



CATEGORY	A	B	C	D	E
CIRCLING	6100-1¼ 1863 (1900-1¼)	6100-1½ 1863 (1900-1½)	6100-3	1863 (1900-3)	

REIL Rwys 8, 12, 26 and 30 L
MIRL Rwys 8-26 and 12-30 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WENDOVER, UTAH | AL-445 (FAA) | 26246

RNAV (GPS)-C
WENDOVER (ENV)

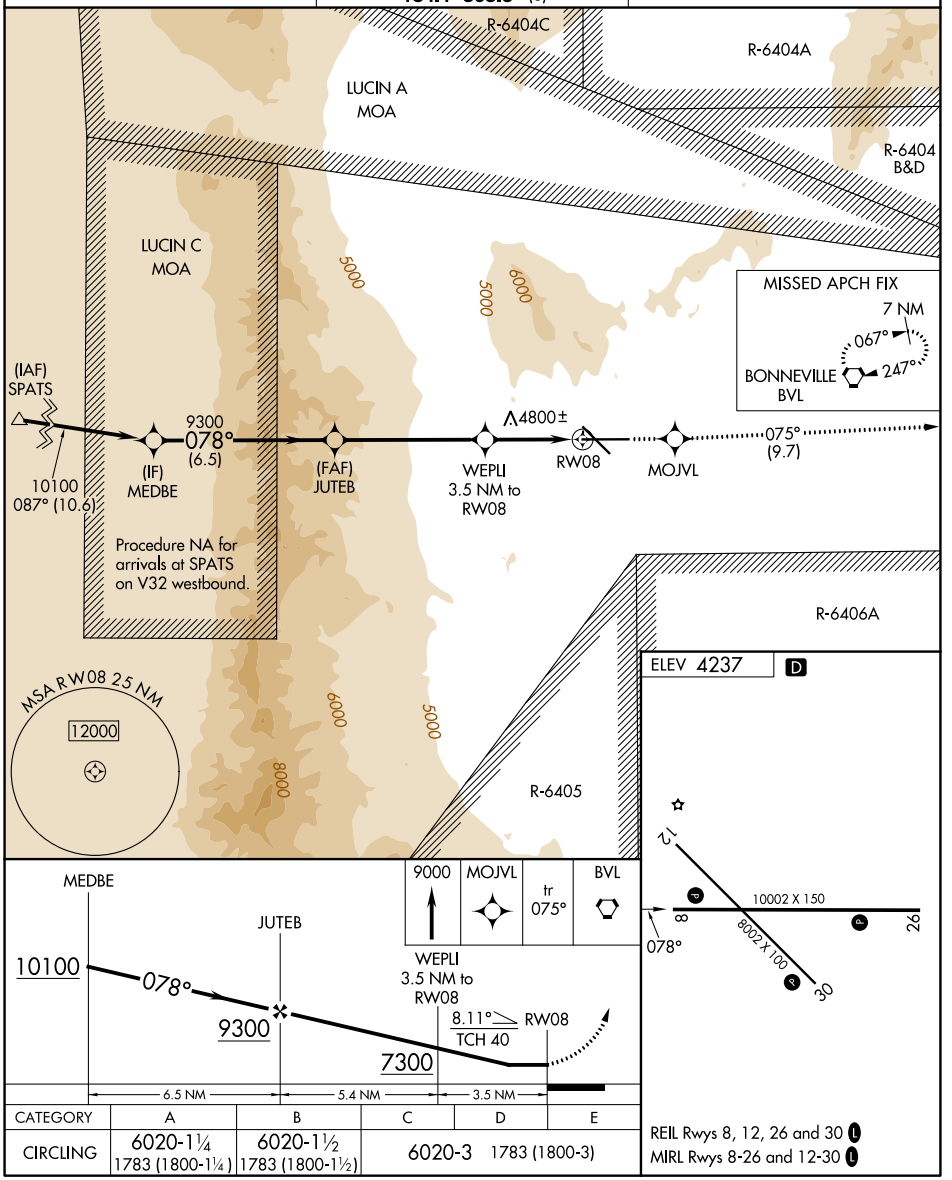
APP CRS	Rwy Ldg	N/A
078°	TDZE	N/A
	Apt Elev	4237

Circling NA north of Rwy 8-26.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 9000 direct MOJVL and on track 075° to BVL VORTAC and hold, continue climb-in-hold to 9000.

-12°C

AWOS-3PT	CLOVER APP CON ★	UNICOM
120.55	118.45 285.65 (N) 134.1 363.5 (S)	122.8 (CTAF) L



CATEGORY	A	B	C	D	E
CIRCLING	6020-1¼ 1783 (1800-1¼)	6020-1½ 1783 (1800-1½)	6020-3	1783 (1800-3)	

REIL Rwys 8, 12, 26 and 30 L
MIRL Rwys 8-26 and 12-30 L

SW-4, 03 SEP 2026 to 29 OCT 2026

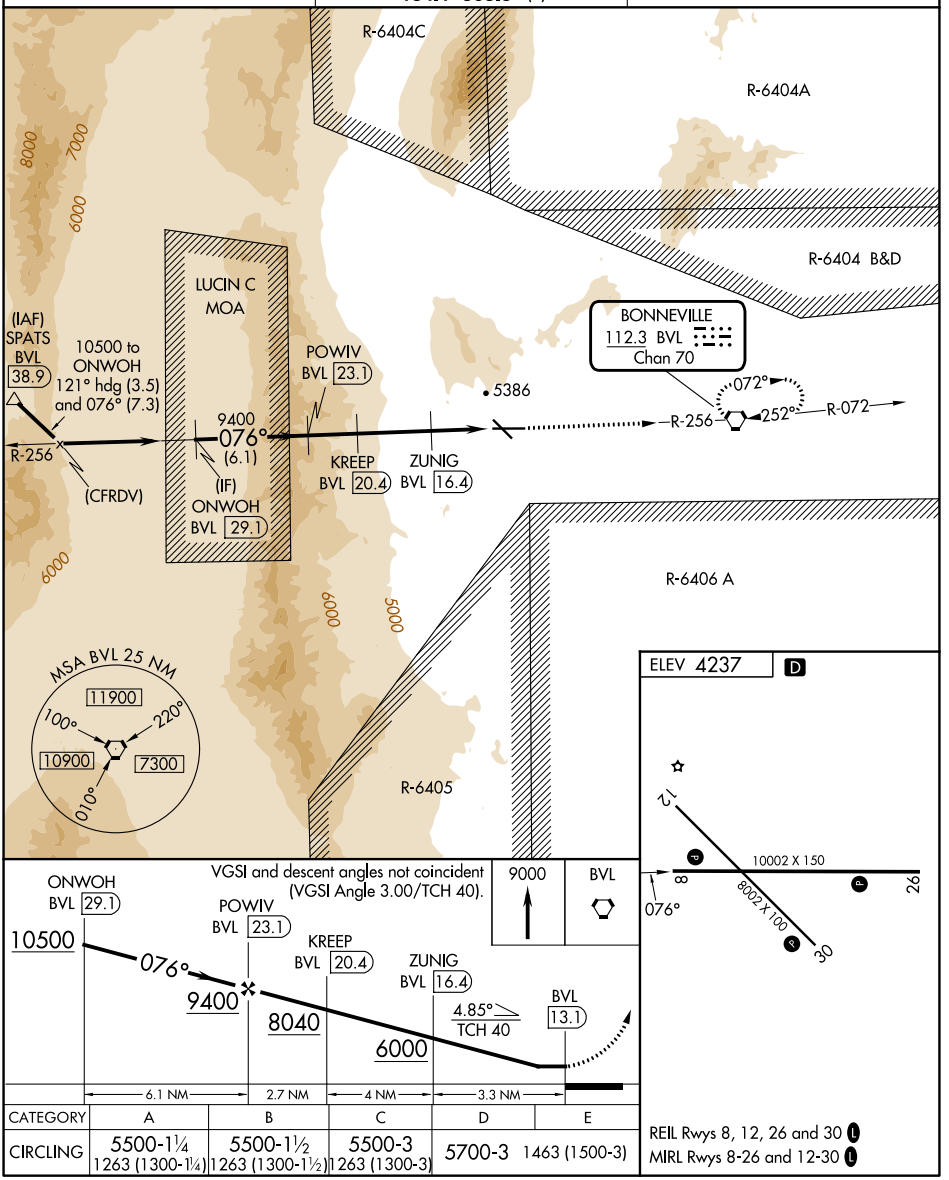
VORTAC BVL 112.3 Chan 70	APP CRS 076°	Rwy Ldg N/A TDZE N/A Apt Elev 4237

VOR/DME-B
WENDOVER (ENV)

Circling NA north of Rwy 8-26. -12°C

MISSED APPROACH: Climb to 9000 direct BVL VORTAC and hold, continue climb-in-hold to 9000.

AWOS-3PT	CLOVER APP CON ★	UNICOM
120.55	118.45 285.65 (N) 134.1 363.5 (S)	122.8 (CTAF) L



CATEGORY	A	B	C	D	E
CIRCLING	5500-1¼ 1263 (1300-1¼)	5500-1½ 1263 (1300-1½)	5500-3 1263 (1300-3)	5700-3	1463 (1500-3)

REIL Rwys 8, 12, 26 and 30 L
MIRL Rwys 8-26 and 12-30 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WENDOVER, UTAH

AL-445 (FAA)

26246

VOR/DME or TACAN RWY 26

WENDOVER (ENV)

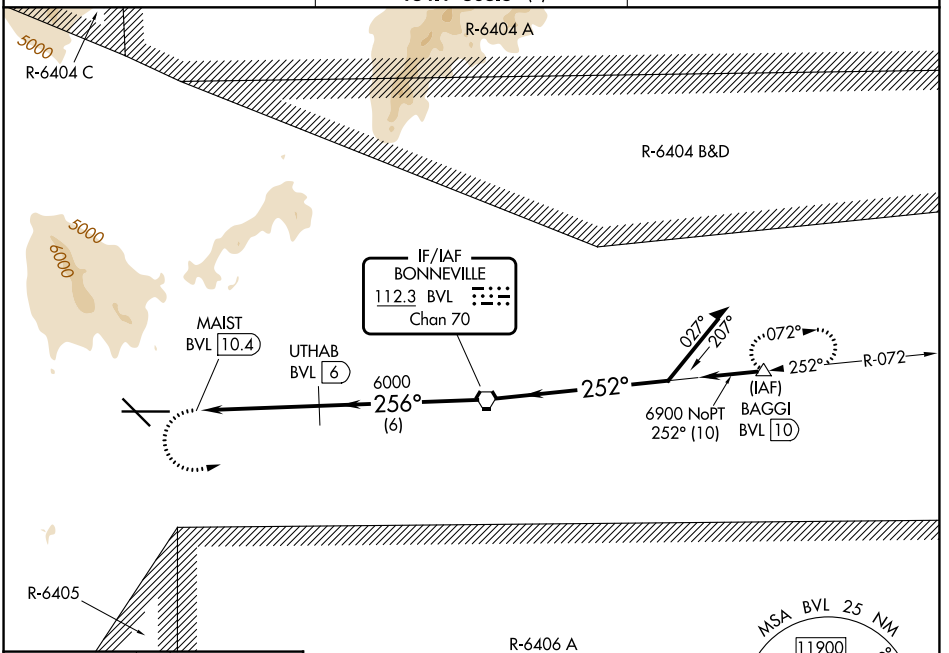
VORTAC BVL 112.3 Chan 70	APP CRS 256°	Rwy Ldg 10002 TDZE 4227 Apt Elev 4237

Circling NA north of Rwy 8-26.

-12°C

MISSED APPROACH: Climbing left turn to 9000 direct BVL VORTAC and on BVL VORTAC R-072 to BAGGI/10 DME and hold, continue climb-in-hold to 9000.

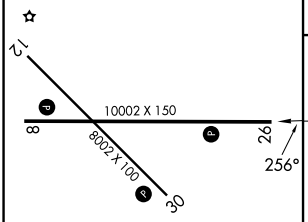
AWOS-3PT	CLOVER APP CON ★	UNICOM
120.55	118.45 285.65 (N) 134.1 363.5 (S)	122.8 (CTAF) L

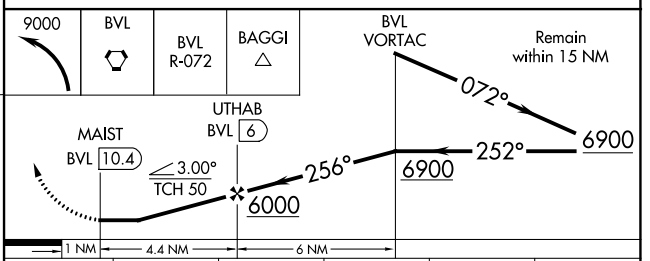


SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ELEV 4237 D TDZE 4227

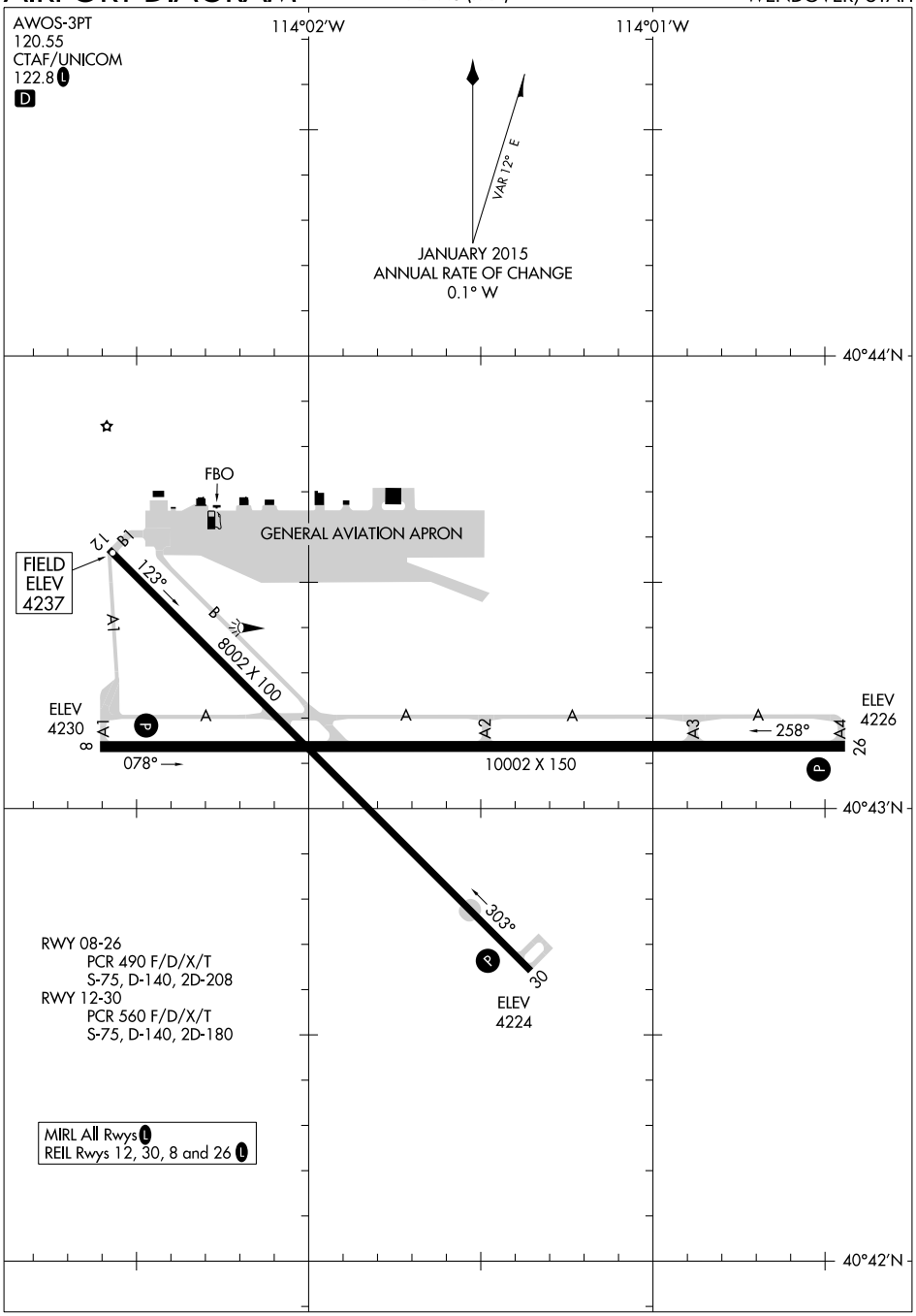




CATEGORY	A	B	C	D	E
S-26	4680-1¼ 453 (500-1¼)		4680-1⅜ 453 (500-1⅜)		
CIRCLING	4680-1¼ 443 (500-1¼)	4700-1¼ 463 (500-1¼)	4860-1¾ 623 (700-1¾)	5080-2¾ 843 (900-2¾)	5700-3 1463 (1500-3)

REIL Rwys 8, 12, 26 and 30 L

MIRL Rwys 8-26 and 12-30 L



SW-4, 03 SEP 2026 to 29 OCT 2026

(ENV1.BVL) 26246

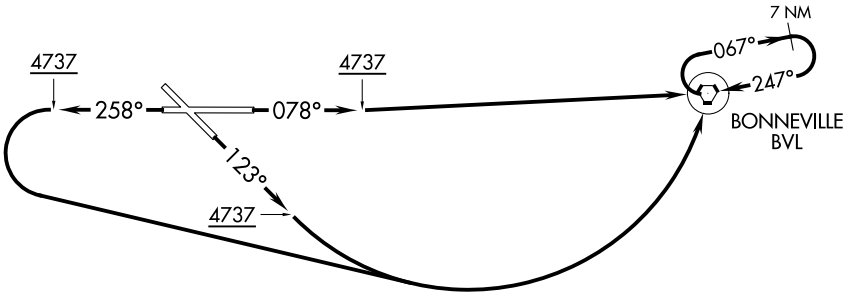
WENDOVER ONE DEPARTURE (RNAV)

AL-445 (FAA)

WENDOVER (ENV)
WENDOVER, UTAH

CLOVER DEP CON ★
118.45 285.65 (N)
134.1 363.5 (S)
AWOS-3PT
120.55

TOP ALTITUDE: 9000



NOTE: GPS required.
NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 8, 12: Standard with minimum climb of 500' per NM to 4737.
Rwy 26: Standard with minimum climb of 500' per NM to 4737, then minimum climb of 280' per NM to 6000'.
Rwy 30: NA.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 078° to 4737, then climb to 9000 direct BVL VORTAC and hold, thence . . .

TAKEOFF RUNWAY 12: Climb heading 123° to 4737, then climbing left turn to 9000 direct BVL VORTAC and hold, thence . . .

TAKEOFF RUNWAY 26: Climb heading 258° to 4737, then climbing left turn to 9000 direct BVL VORTAC and hold, thence . . .

. . . continue climb in holding pattern (hold NE, RT, 247° inbound) to 9000 before proceeding on course.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	6095
034°	TDZE	4186
	Apt Elev	4187

RNAV (GPS) RWY 3

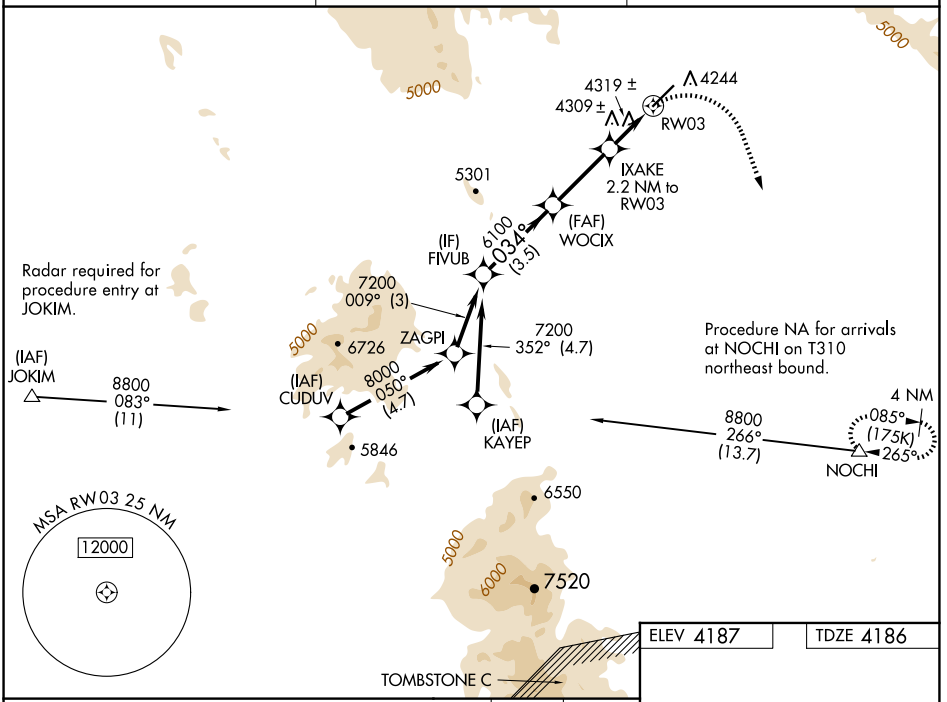
COCHISE COUNTY (P33)

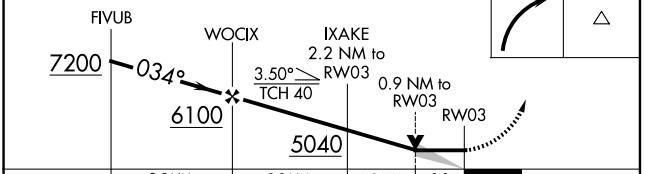
RNP APCH - GPS.

When local altimeter setting not received, use Douglas Bisbee altimeter setting. VDP NA with Douglas Bisbee altimeter setting.

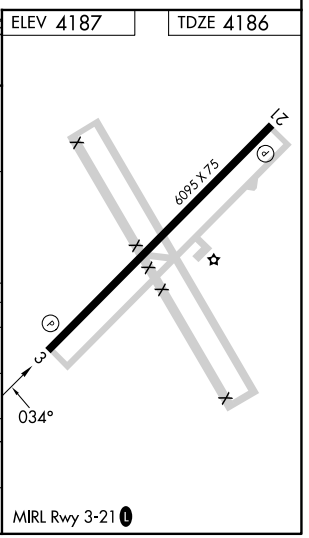
MISSED APPROACH: Climbing right turn to 8800 direct NOCHI and hold, continue climb-in-hold to 8800.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
119.025	134.45 327.15	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	4560-1	374 (400-1)	NA	
CIRCLING	4600-1 413 (500-1)	4660-1 473 (500-1)	NA	
DOUGLAS BISBEE ALTIMETER SETTING MINIMUMS				
LNAV MDA	4680-1	494 (500-1)	NA	
CIRCLING	4720-1 533 (600-1)	4780-1 593 (600-1)	NA	



SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WILLCOX, ARIZONA | AL-85 (FAA) | 25163

RNAV (GPS) RWY 21

COCHISE COUNTY (P33)

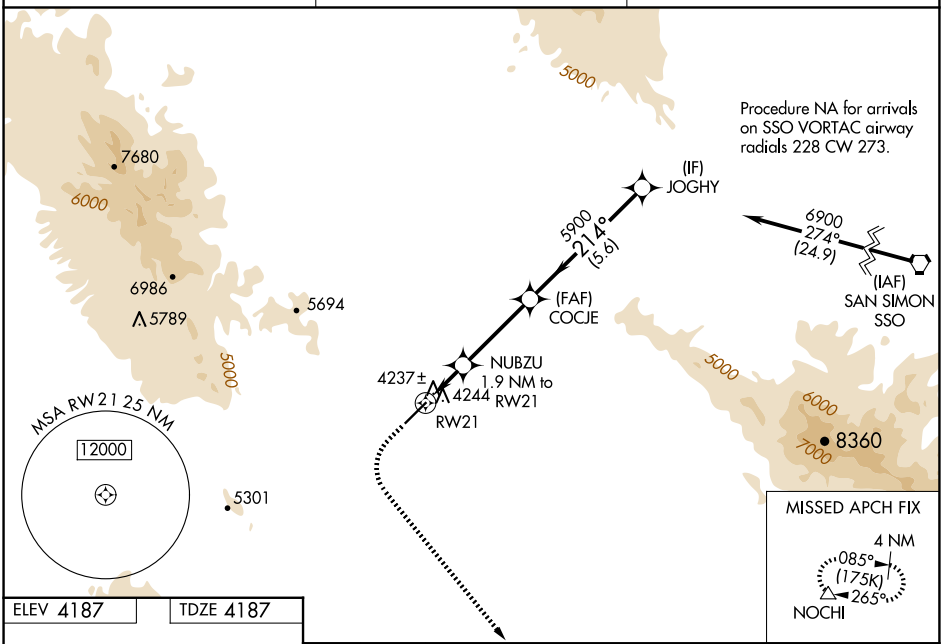
WAAS CH 77618 W21A	APP CRS 214°	Rwy Ldg 6095 / TDZE 4187 / Apt Elev 4187

RNP APCH - GPS.

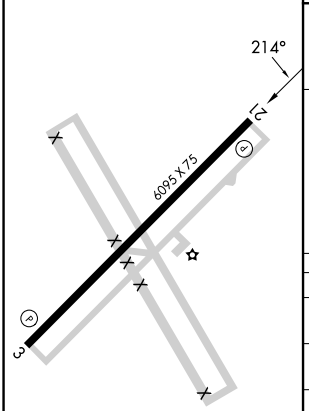
Baro-VNAV NA when using Douglas Bisbee altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C or above 54°C. When local altimeter setting not received, use Douglas Bisbee altimeter setting and increase LPV DA to 4555 feet and all visibilities ¼ SM; increase LNAV/VNAV DA to 4555 feet and all visibilities ¼ SM; increase all MDAs 120 feet.

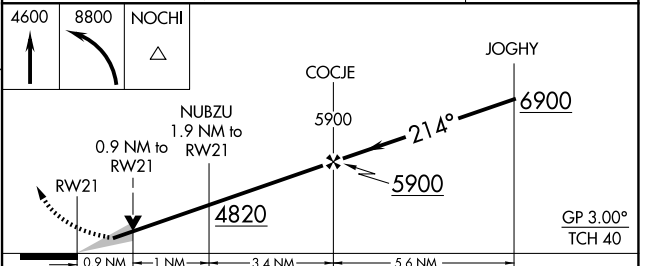
MISSED APPROACH: Climb to 4600 then climbing left turn to 8800 direct NOCHI and hold, continue climb-in-hold 8800.

AWOS-3PT	ALBUQUERQUE CENTER	UNICOM
119.025	134.45 327.15	122.8 (CTAF) L



ELEV 4187	TDZE 4187





CATEGORY	A	B	C	D
LPV DA	4437-⅞	250 (300-⅞)	NA	
LNAV/VNAV DA	4437-⅞	250 (300-⅞)	NA	
LNAV MDA	4520-1	333 (400-1)	NA	
CIRCLING	4600-1 413 (500-1)	4660-1 473 (500-1)	NA	

WILLCOX, ARIZONA
Amdt 1C 02NOV23

32°15'N-109°54'W

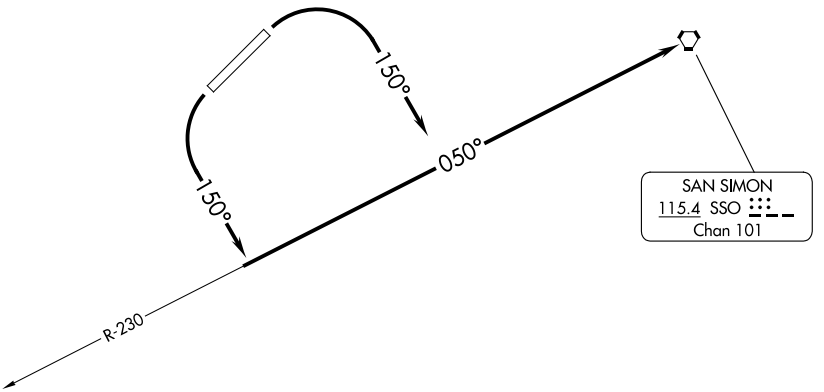
COCHISE COUNTY (P33)

RNAV (GPS) RWY 21

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

ALBUQUERQUE CENTER
134.45 327.15



TAKEOFF MINIMUMS
Rwys 3, 21: Standard.

TAKEOFF OBSTACLE NOTES
Rwy 3: Trees beginning 150′ from DER, left and right of centerline, up to 31′ AGL/4216′ MSL.
Rwy 21: Terrain beginning 64′ from DER, left and right of centerline, up to 4190′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing right turn heading 150° to intercept SSO VORTAC R-230 to SSO VORTAC before proceeding on course.

TAKEOFF RUNWAY 21: Climbing left turn heading 150° to intercept SSO VORTAC R-230 to SSO VORTAC before proceeding on course.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 18

H A CLARK MEML FLD (CMR)

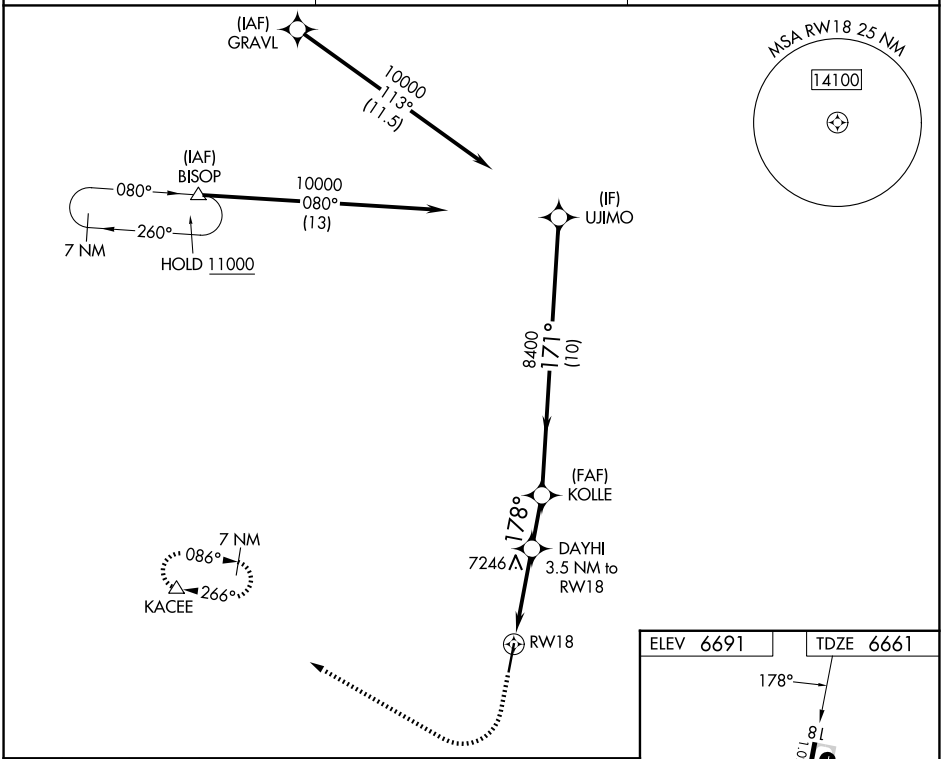
WAAS	APP CRS	Rwy Ldg	6003
CH 63043	178°	TDZE	6661
W18A		Apt Elev	6691

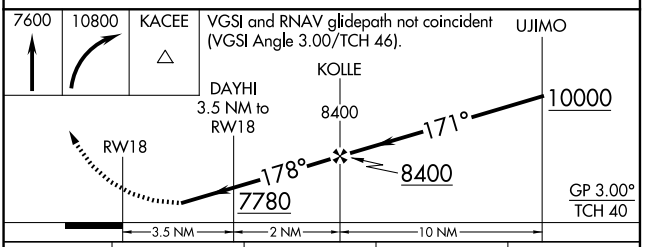
RNP APCH - GPS.

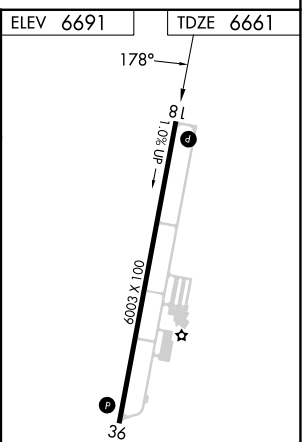
Procedure NA at night. Rwy 18 helicopter visibility reduction below 1 SM NA. Circling NA east of Rwy 18-36.

MISSED APPROACH: Climb to 7600, then climbing right turn to 10800 direct KACEE and hold, continue climb-in-hold to 10800.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
121.125	128.45 298.9	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	7281-1¾ 620 (600-1¾)			
LNAV MDA	7520-1 859 (900-1)	7520-1¼ 859 (900-1¼)	7520-2½ 859 (900-2½)	
CIRCLING	7520-1¼ 829 (900-1¼)	7540-1¼ 849 (900-1¼)	8020-3 1329 (1400-3)	

MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WAAS	APP CRS	Rwy Ldg	7000
CH 56424	025°	TDZE	6719
W03A		Apt Elev	6742

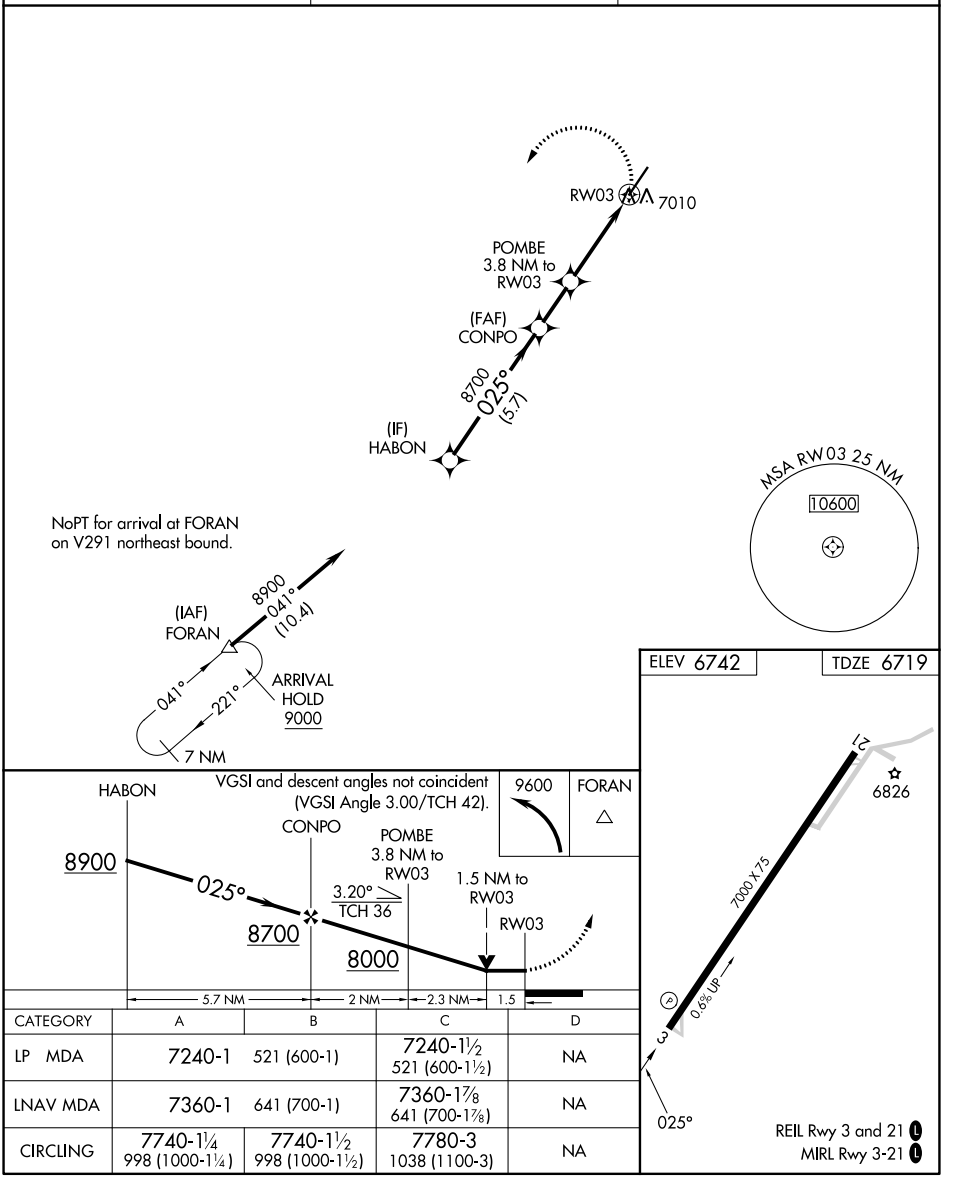
RNAV (GPS) RWY 3
WINDOW ROCK (RQE)

RNP APCH-GPS.

Circling Rwy 21 NA at night.
Rwy 3 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing left turn to 9600 direct FORAN and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
118.325	124.325 288.25	122.8 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	7240-1	521 (600-1)	7240-1½ 521 (600-1½)	NA
LNAV MDA	7360-1	641 (700-1)	7360-1⅞ 641 (700-1⅞)	NA
CIRCLING	7740-1¼ 998 (1000-1¼)	7740-1½ 998 (1000-1½)	7780-3 1038 (1100-3)	NA

SW-4, 03 SEP 2026 to 29 OCT 2026

WINDOW ROCK, ARIZONA | AL-6357 (FAA) | 26190

RNAV (GPS)-B

WINDOW ROCK (RQE)

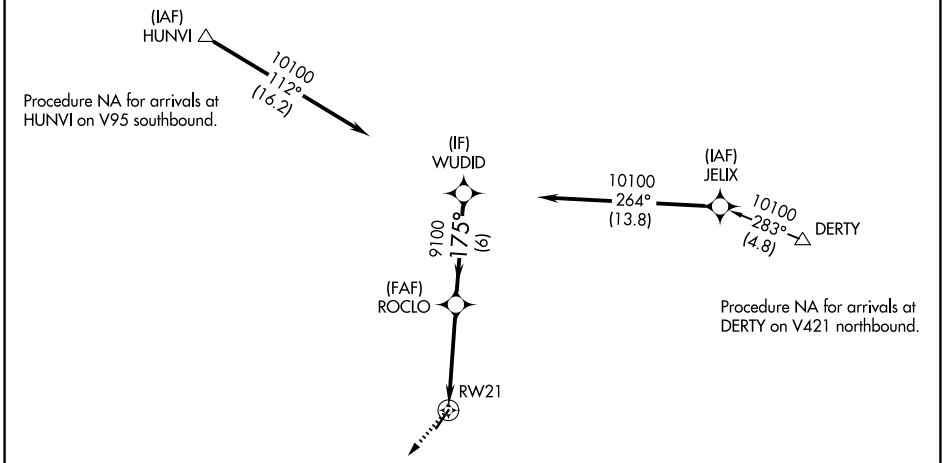
APP CRS	Rwy Ldg	N/A
175°	TDZE	N/A
	Apt Elev	6742

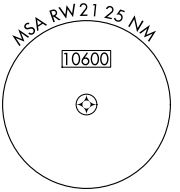
RNP APCH.

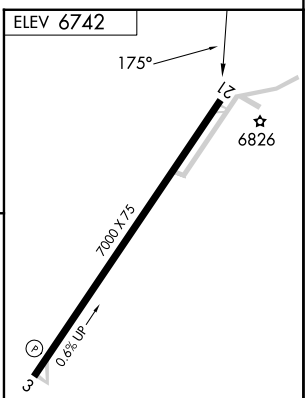
Circling Rwy 21 NA at night.

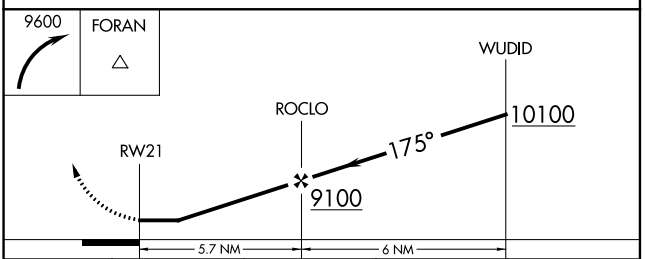
MISSED APPROACH: Climbing right turn to 9600 direct FORAN and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
118.325	124.325 288.25	122.8 (CTAF) L









CATEGORY	A	B	C	D
CIRCLING	7740-1¼ 998 (1000-1¼)	7740-1½ 998 (1000-1½)	7780-3 1038 (1100-3)	8080-3 1338 (1400-3)

REIL Rwy 3 and 21 L

MIRL Rwy 3-21 L

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 14

WINNEMUCCA MUNI (WMC)

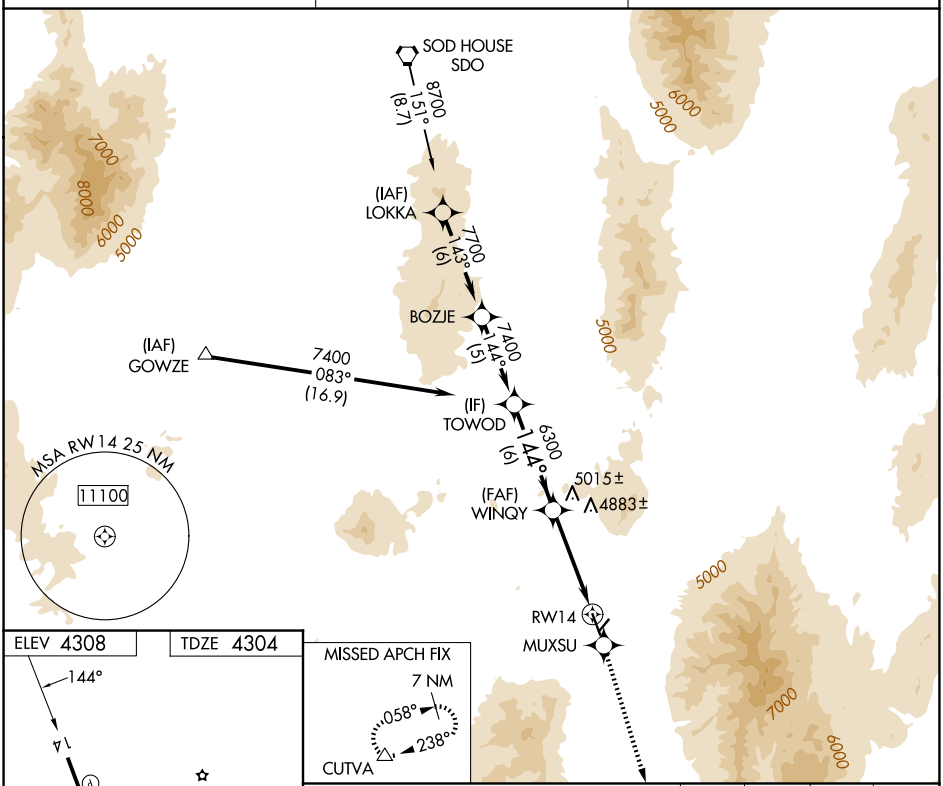
WAAS	APP CRS	Rwy Ldg	7000
CH 62902	144°	TDZE	4304
W14A		Apt Elev	4308

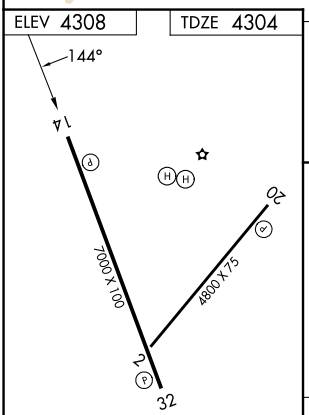
RNP APCH.

If local altimeter setting not received, use Battle Mountain altimeter setting and increase all DAs/MDAs 140 feet. VDP NA when using Battle Mountain altimeter setting.

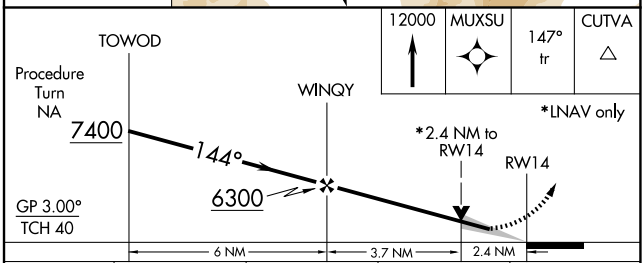
MISSED APPROACH: Climb to 12000 direct MUXSU and via 147° track to CUTVA and hold, continue climb-in-hold to 12000.

ASOS	SALT LAKE CITY CENTER	UNICOM
120.175	132.25 338.35	122.8 (CTAF) L





MIRL Rwy 2-20
MIRL Rwy 14-32 L
REIL Rwys 20, 14, and 32 L



CATEGORY	A	B	C	D
LPV DA	4843-2 539 (600-2)			
LNAV MDA	5100-1 796 (800-1)	5100-1¼ 796 (800-1¼)	5100-2¼ 796 (800-2¼)	5100-2½ 796 (800-2½)

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

WINNEMUCCA, NEVADA | AL-6471 (FAA) | 25275

WAAS	APP CRS	Rwy Ldg	7000
CH 72702	324°	TDZE	4304
W32A		Apt Elev	4308

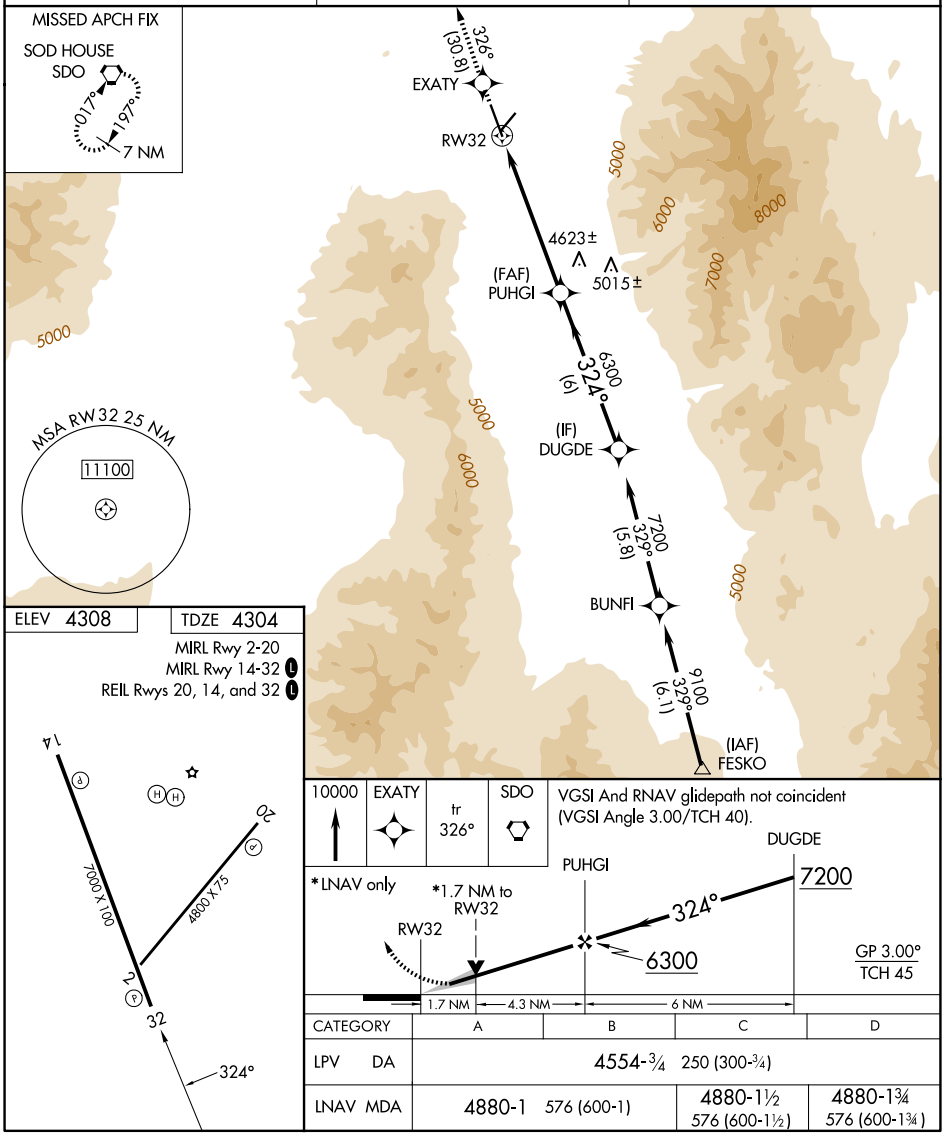
RNAV (GPS) RWY 32
WINNEMUCCA MUNI (WMC)

RNP APCH.

Rwy 32 helicopter visibility reduction below ¾ SM NA.
VDP NA when using Battle Mountain altimeter setting.
When local altimeter setting not received, use Battle Mountain altimeter setting and increase all DAs/MDAs 140 feet.

MISSED APPROACH: Climb to 10000 direct EXATY and on track 326° to SDO VORTAC and hold.

ASOS	SALT LAKE CITY CENTER	UNICOM
120.175	132.25 338.35	122.8 (CTAF) L



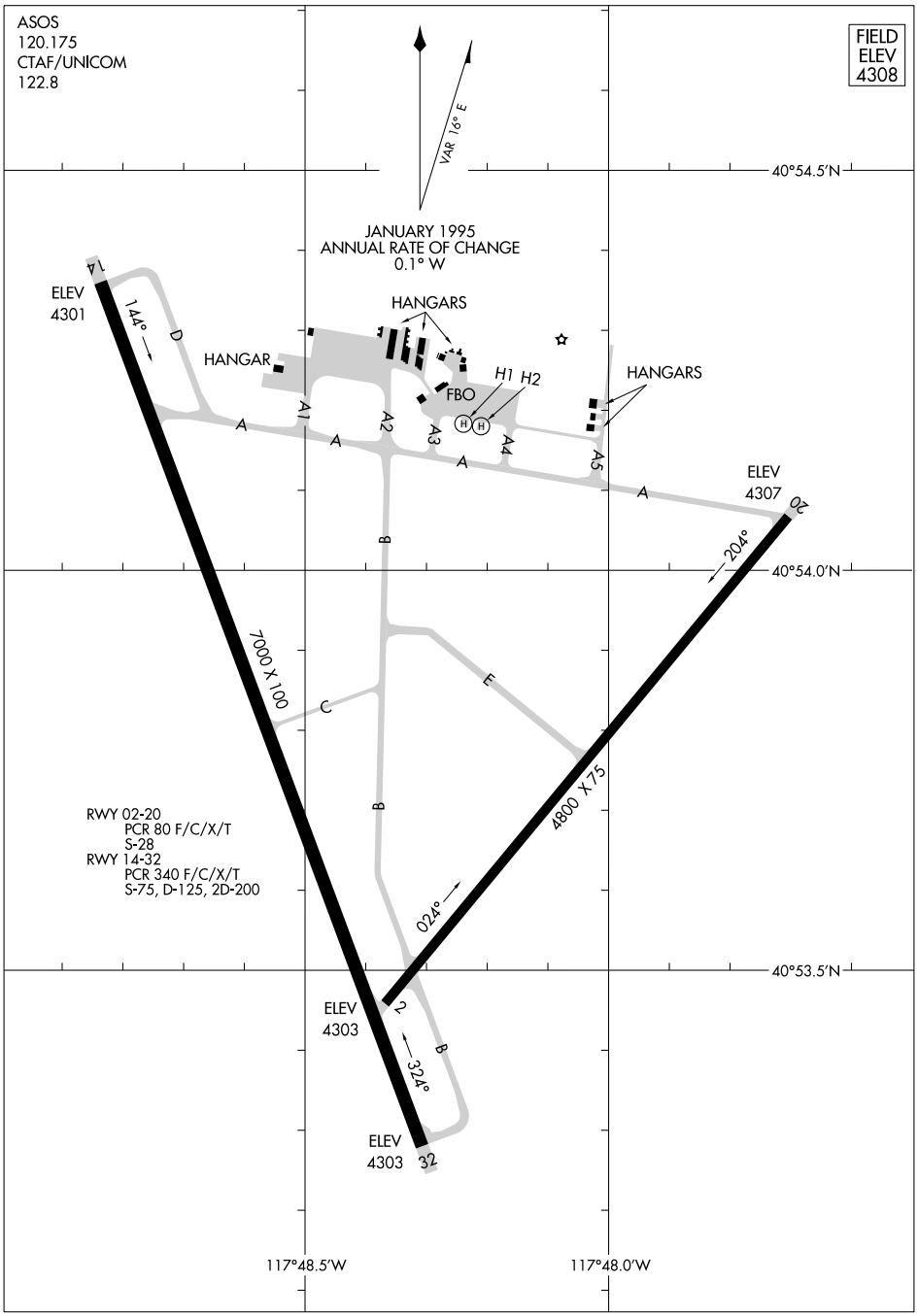
CATEGORY	A	B	C	D
LPV DA	4554-¾ 250 (300-¾)			
LNAV MDA	4880-1 576 (600-1)		4880-1½ 576 (600-1½)	4880-1¾ 576 (600-1¾)

WINNEMUCCA, NEVADA
Orig-B 15AUG19

40°54'N-117°48'W

WINNEMUCCA MUNI (WMC)
RNAV (GPS) RWY 32

SW-4, 03 SEP 2026 to 29 OCT 2026



SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

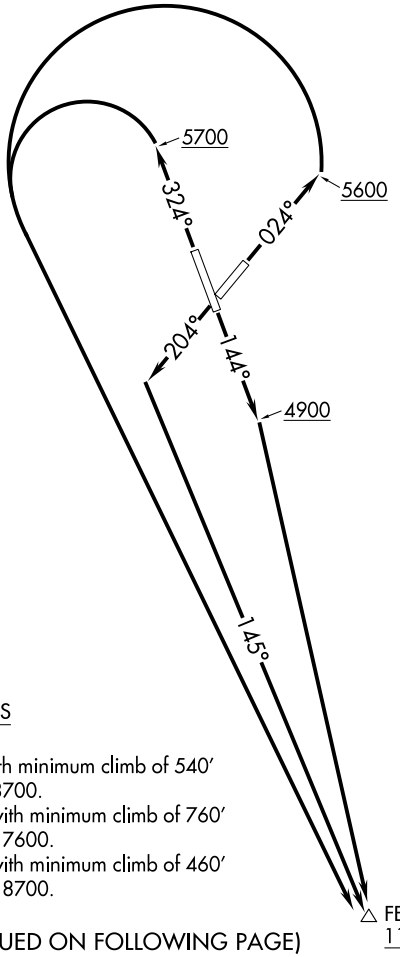
(FESKO1.FESKO) 23278 AL-6471 (FAA)

FESKO ONE DEPARTURE (OBSTACLE) (RNAV)

WINNEMUCCA MUNI (WMC)
WINNEMUCCA, NEVADA

RNAV 1 - GPS

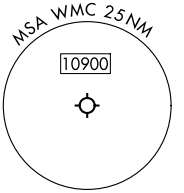
SALT LAKE CITY CENTER
132.25 338.35
ASOS
120.175
CTAF
122.8



TAKEOFF MINIMUMS

Rwy 14: Standard.
Rwy 2: Standard with minimum climb of 540′ per NM to 8700.
Rwy 20: Standard with minimum climb of 760′ per NM to 7600.
Rwy 32: Standard with minimum climb of 460′ per NM to 8700.

(NOTES CONTINUED ON FOLLOWING PAGE)



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 024° to 5600, then left turn direct FESKO, thence. . . .

TAKEOFF RUNWAY 14: Climb on heading 144° to 4900, then direct FESKO, thence. . . .

TAKEOFF RUNWAY 20: Climb on heading 204° to intercept course 145° to FESKO, thence. . . .

TAKEOFF RUNWAY 32: Climb on heading 324° to 5700, then left turn direct FESKO, thence. . . .

. . . .cross FESKO at or above 11000 before proceeding on assigned route of flight.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

FESKO ONE DEPARTURE (OBSTACLE) (RNAV)

TAKEOFF OBSTACLE NOTES

Rwy 2: Tree, navaid beginning 3′ from DER, 113′ right of centerline, up to 4356′ MSL.
Navaid 39′ from DER, 118′ left of centerline, 8′ AGL/4311′ MSL.
Tree 81′ from DER 402′ right of centerline 4357′ MSL.
Tree, vehicles traverse way beginning, 98′ from DER, 230′ right of centerline, up to 4373′ MSL.
Tree 1177′ from DER 576′ left of centerline 4346′ MSL.
Tree 1265′ from DER 763′ left of centerline 4349′ MSL.
Tree 1404′ from DER 647′ left of centerline 4360′ MSL.

Rwy 14: Pole 1′ from DER 24′ left of centerline 4304′ MSL.
Navaid 40′ from DER, 126′ left of centerline, 4305′ MSL.
Vehicles on traverse way, vegetation, trees beginning 58′ from DER, 183′ left of centerline, up to 40′AGL/4322′ MSL.
Vehicles on traverse way beginning, 343′ from DER, 77′ left of centerline, up to 4325′ MSL.

Rwy 20: Tree 26′ from DER 406′ right of centerline 4306′ MSL.
Trees beginning, 46′ from DER, 63′ right of centerline, up to 40′ AGL/4329′ MSL.
Pole 65′ from DER, 385′ left of centerline 8′ AGL/4311′ MSL.

Rwy 32: Navaid 39′ from DER, 123′ left of centerline, 3′ AGL/4303′ MSL.
Vegetation 77′ from DER, 351′ left of centerline, 4304′ MSL.
Tree 166′ from DER, 478′ right of centerline 4306′ MSL.
Vehicles on traverse way beginning 184′ from DER, 405′ left of centerline, up to 4314′ MSL.
Vehicles on traverse way, 273′ from DER, 267′ right of centerline, up to 4316′ MSL.

SW-4, 03 SEP 2026 to 29 OCT 2026

WINSLOW, ARIZONA AL-462 (FAA) 26246

VORTAC INW	APP CRS	Rwy Ldg	7100
112.6	106°	TDZE	4899
Chan 73		Apt Elev	4941

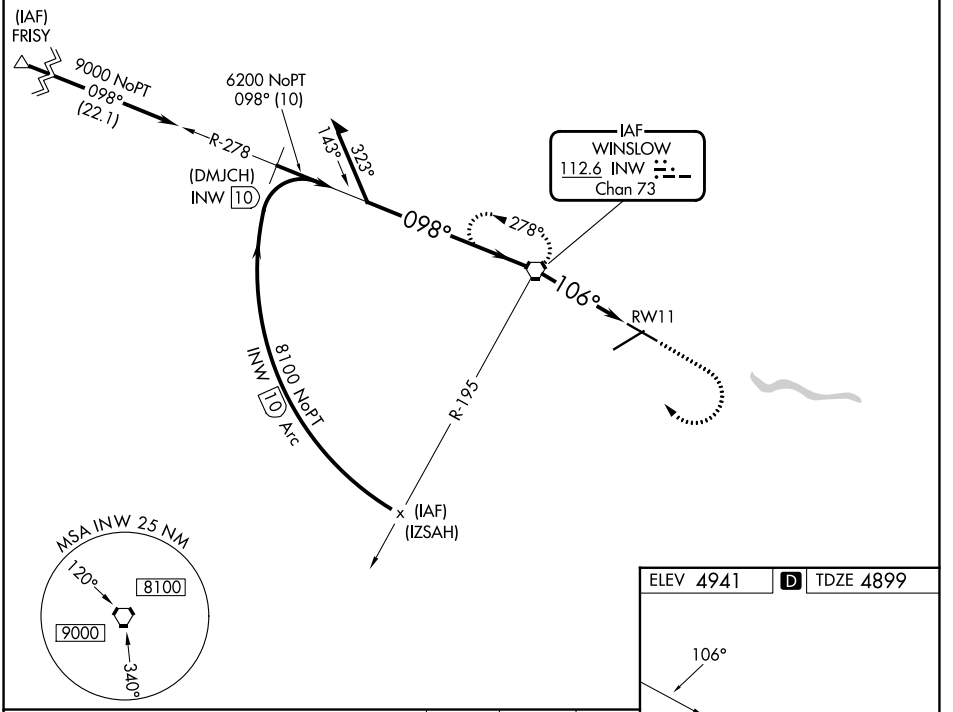
VOR or GPS RWY 11

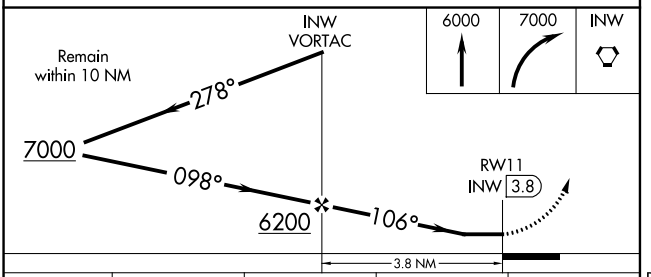
WINSLOW-LINDBERGH RGNL (INW)

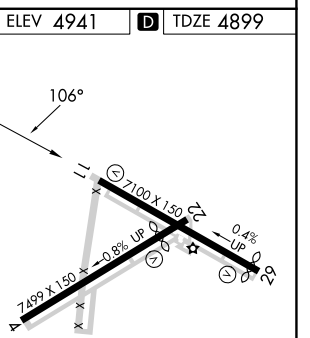
T A Straight-in Rwy 11 NA at night, Circling Rwy 4, 11 NA at night. Rwy 11 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 6000, then climbing right turn to 7000 direct INW VORTAC and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
118.875	127.675 306.2	122.8 (CTAF) L







REIL Rwys 11 and 22 L

MIRL Rwys 4-22 and 11-29 L

CATEGORY	A	B	C	D
S-11	5340-1 441 (400-1)		5340-1⅜ 441 (400-1⅜)	5340-1½ 441 (400-1½)
CIRCLING	5420-1 479 (500-1)	5540-1 599 (600-1)	5540-1½ 599 (600-1½)	5740-2½ 799 (800-2½)

FAF to MAP 3.8 NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

APP CRS		
357°	Rwy Ldg	5822
	TDZE	4382
	Apt Elev	4382

RNAV (GPS) RWY 2

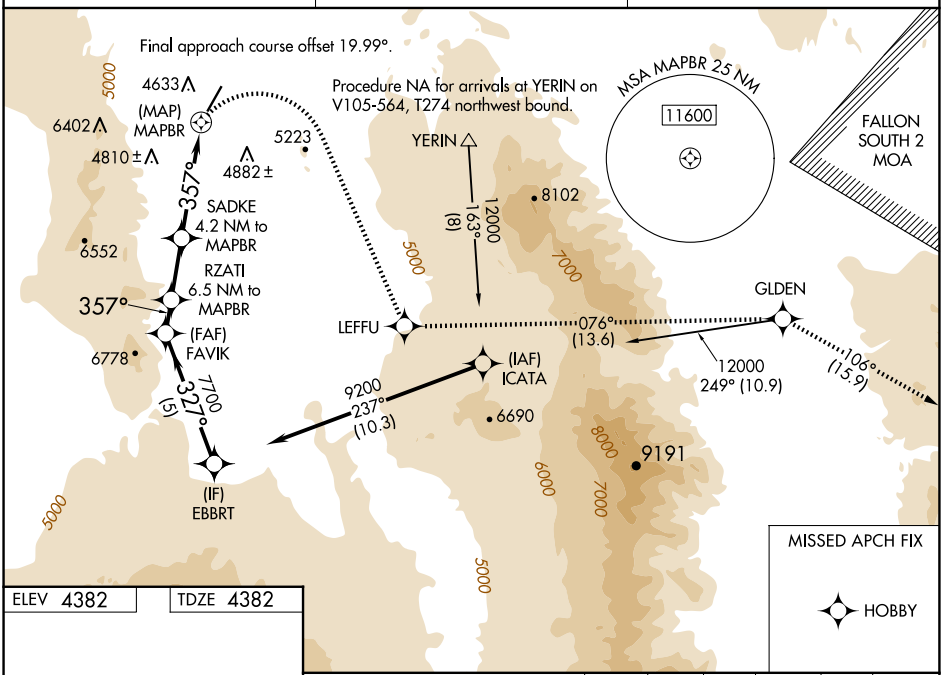
YERINGTON MUNI (O43)

RNP APCH - GPS.

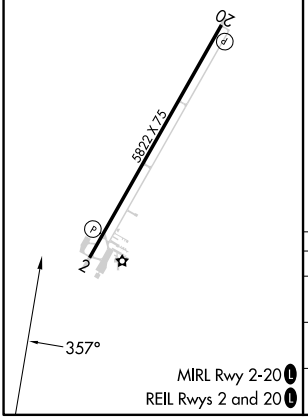
T NA Procedure NA at night. Rwy 2 helicopter visibility reduction below 1 SM NA. Circling NA west of Rwy 2-20. Use SPZ altimeter setting, when not received, use RNO altimeter setting and increase all MDAs 40 feet and LNAV* visibility Cat C ⅛ SM.

MISSED APPROACH: (Do not exceed 210K until LEFFU) Climbing right turn to 11500 direct LEFFU and on track 076° to GLDEN and on track 106° to HOBBY.
*Missed approach requires minimum climb of 276 feet per NM to 9300.

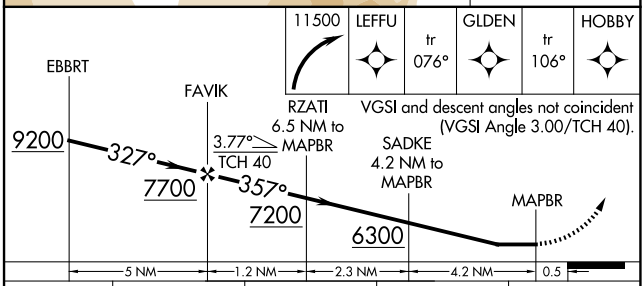
SPZ AWOS-2	OAKLAND CENTER	AUNICOM
120.475	125.75 284.65	122.8 (CTAF) L



ELEV 4382 TDZE 4382



MIRL Rwy 2-20 L
REIL Rwys 2 and 20 L



VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 40).

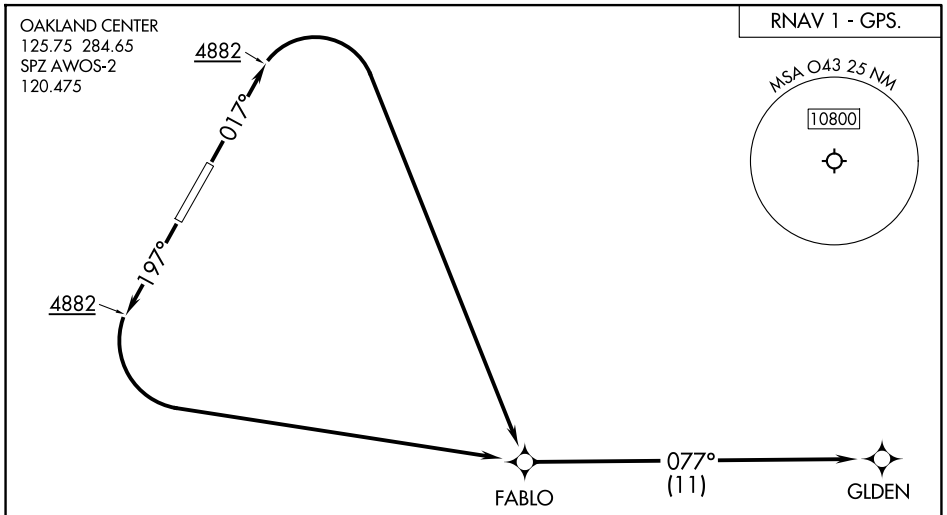
CATEGORY	A	B	C	D
LNAV MDA*	5040-1 658 (700-1)		5040-1⅞ 658 (700-1⅞)	NA
LNAV MDA	6200-1¼ 1818 (1900-1¼)	6200-1½ 1818 (1900-1½)	6200-3 1818 (1900-3)	NA
CIRCLING	6200-1¼ 1818 (1900-1¼)	6200-1½ 1818 (1900-1½)	6200-3 1818 (1900-3)	NA

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

(O431.O43) 24249 AL-9912 (FAA)

YERINGTON ONE DEPARTURE (OBSTACLE) (RNAV)

YERINGTON MUNI (043)
YERINGTON, NEVADA



TAKEOFF MINIMUMS

Rwy 2: Standard with minimum climb of 403′/NM to 9600.
Rwy 20: Standard with minimum climb of 330′/NM to 8900.

TAKEOFF OBSTACLE NOTES

Rwy 2: Pole vertical point, terrain beginning 15′ from DER, 104′ right of centerline, up to 6′ AGL/4377′ MSL. Trees, navaid beginning 54′ from DER, 198′ right of centerline, up to 22′ AGL/4391′ MSL. Vehicles on road beginning 106′ from DER, 161′ left of centerline, up to 4388′ MSL. Trees beginning 363′ from DER, 307′ right of centerline, up to 25′ AGL/4395′ MSL. Trees beginning 445′ from DER, 523′ right of centerline, up to 4430′ MSL. Tree 519′ from DER, 476′ right of centerline, 4436′ MSL. Tree 543′ from DER, 641′ left of centerline, 45′ AGL/4415′ MSL. Tree 816′ from DER, 330′ right of centerline, 4441′ MSL. Trees beginning 1795′ from DER, 87′ right of centerline, up to 4450′ MSL. Tree 2561′ from DER, 798′ right of centerline, 85′ AGL/4454′ MSL.

Rwy 20: Terrain 3′ from DER, 241′ left of centerline, 4382′ MSL. Poles, trees, fence, vehicle on road beginning 56′ from DER, 433′ left of centerline, up to 44′ AGL/4421′ MSL. Tree 58′ from DER, 48′ right of centerline, 4382′ MSL. Pole, wind indicator, navaid, building, terrain, fences vehicles on road, tank, tree beginning 91′ from DER, 72′ right of centerline, up to 34′ AGL/4415′ MSL. Building, poles, trees, vehicles on road beginning 368′ from DER, 241′ left of centerline, up to 44′ AGL/4430′ MSL. Tree 734′ from DER, 477′ right of centerline, 57′ AGL/4436′ MSL. Antenna, tower, poles, trees, building beginning 755′ from DER, 40′ left of centerline, up to 73′ AGL/4457′ MSL. Trees, building, poles beginning 876′ from DER, 63′ right of centerline, up to 59′ AGL/4439′ MSL. Tower 1361′ from DER, 505′ left of centerline, 81′ AGL/4461′ MSL. Antennas, building, poles, trees beginning 1361′ from DER, 233′ left of centerline, up to 82′ AGL/4464′ MSL. Towers, trees beginning 2023′ from DER, 33′ left of centerline, up to 90′ AGL/4473′ MSL. Antenna 2473′ from DER, 756′ left of centerline, 124′ AGL/4508′ MSL. Tree 2481′ from DER, 39′ right of centerline, 62′ AGL/4445′ MSL. Towers, trees beginning 2489′ from DER, 70′ left of centerline, up to 127′ AGL/4511′ MSL. Tree 2561′ from DER, 187′ right of centerline, 4455′ MSL. Tree 2608′ from DER, 222′ right of centerline, 73′ AGL/4456′ MSL. Tree 3020′ from DER, 192′ right of centerline, 4458′ MSL. Terrain beginning 1.8 NM from DER, 3194′ right of centerline, up to 4674′ MSL. Terrain beginning 1.9 NM from DER, 2711′ right of centerline, up to 4684′ MSL. Trees 2.1 NM from DER, 4018′ right of centerline, 100′ AGL/4769′ MSL. Trees beginning 2.2 NM from DER, 4075′ right of centerline, up to 100′ AGL/4772′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 017° to 4882, then right turn direct FABLO, thence. . . .

TAKEOFF RUNWAY 20: Climb on heading 197° to 4882, then left turn direct FABLO, thence. . . .

. . . . thence on track 077° to GLDEN. Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026
SW-4, 03 SEP 2026 to 29 OCT 2026

YUMA, ARIZONA

ILS or LOC RWY 21R

LOC I-YUM	APCH CRS	Rwy Idg	21L 9239	21R 13,300
108.3	211°	TDZE	21L 208	21R 193
		Arpt Elev	213	

[USN] YUMA MCAS/YUMA INTL (KNYL)

VOR, DME required

* When ALS inop, increase vis to ¾ mile.
** When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1⅛ miles.

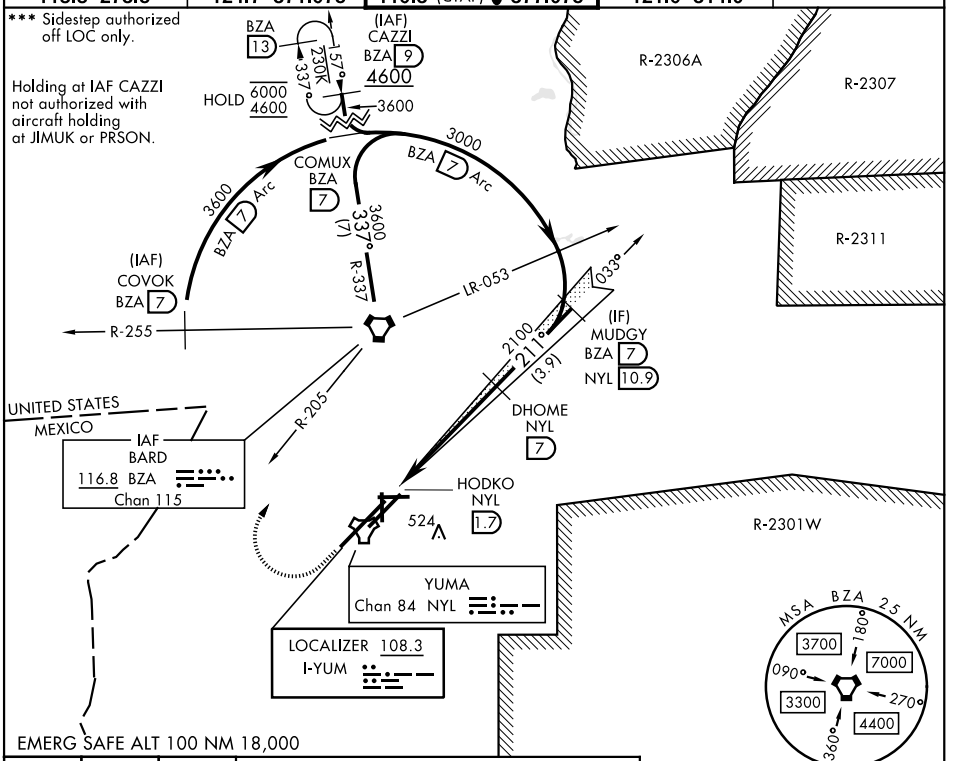
MALSR

MISSED APPROACH: Climb to 900, then climbing right turn to 4600 heading 355° and intercept BZA VORTAC R-205 direct BZA. Then outbound via BZA R-337 to CAZZI and hold, continue climb-in-hold to 4600.

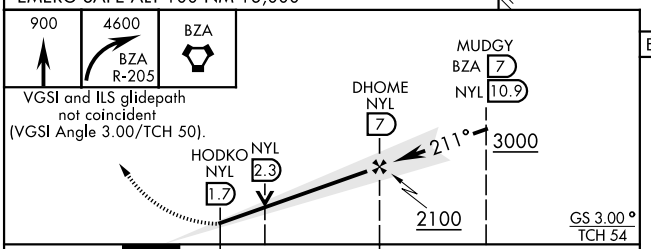
ATIS	APP CON	TOWER	GND CON	ASR/PAR
118.8 273.5	124.7 371.975	119.3 (CTAF) L 377.075	121.9 314.0	

*** Sidestep authorized off LOC only.

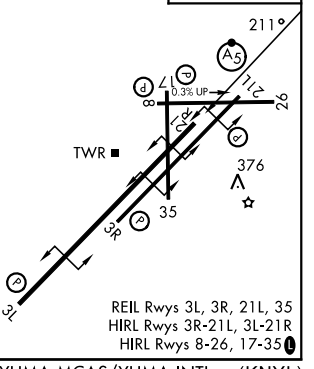
Holding at IAF CAZZI not authorized with aircraft holding at JIMUK or PRSON.



EMERG SAFE ALT 100 NM 18,000



ELEV 213 D | TDZE 21L 208 | TDZE 21R 193



CATEGORY	A	B	C	D
S-ILS 21R *	393-½ 200 (200-½)			
S-LOC 21R**	600-½ 407 (400-½)		600-¾ 407 (400-¾)	
SIDESTEP *** 21L	600-1½ 392 (400-1½)		600-2 392 (400-2)	600-2½ 392 (400-2½)
CIRCLING	680-1 467 (500-1)		860-1¾ 647 (700-1¾)	860-2 647 (700-2)

YUMA, ARIZONA
Amdt 7 22JAN26

32°39'N-114°36'W

YUMA MCAS/YUMA INTL (KNYL)

ILS or LOC RWY 21R

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

YUMA, ARIZONA

RNAV (GPS) RWY 3L

APCH CRS	Rwy ldg	13,300
031°	TDZE	195
	Arpt Elev	213

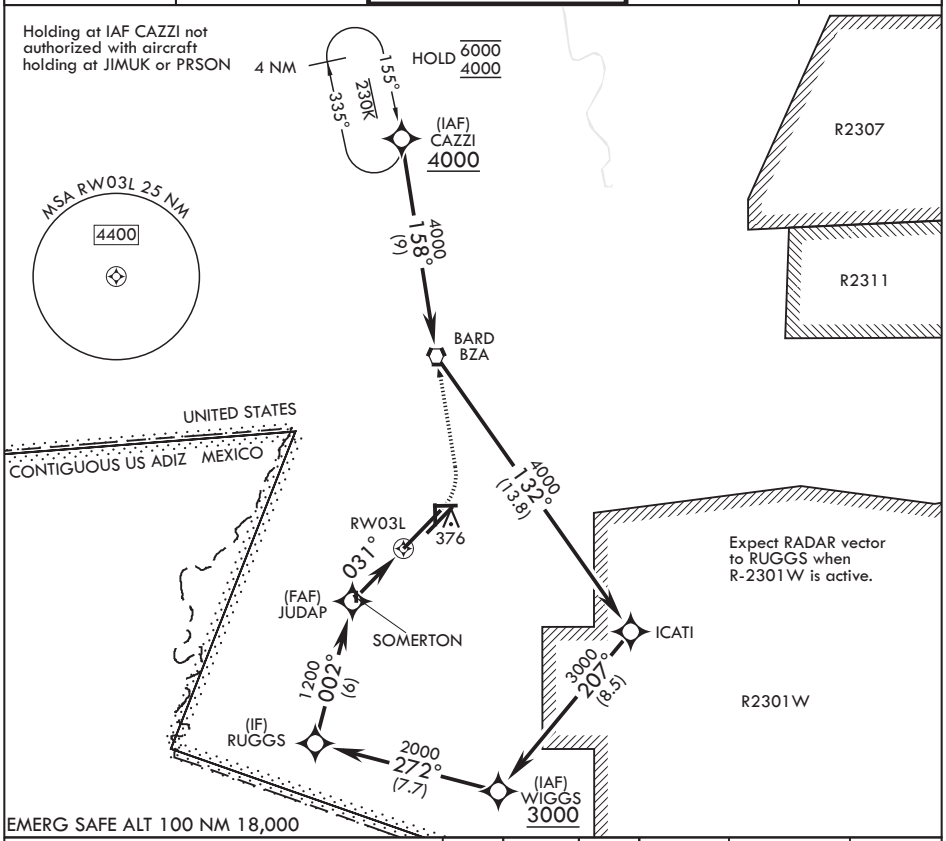
(USN)

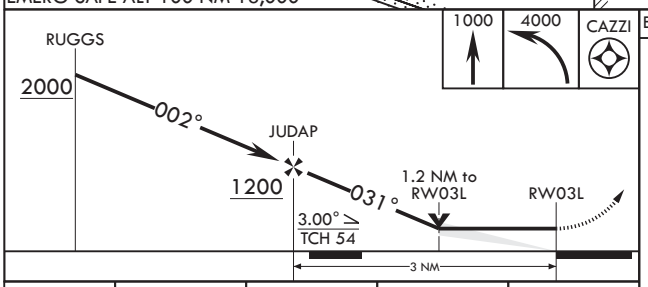
YUMA MCAS YUMA INTL (KNYL)

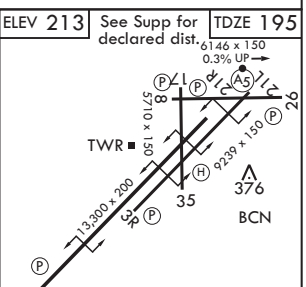
RNP APCH - GPS

MISSED APPROACH: Climb to 1000, then climbing left turn to 4000 direct CAZZI and hold. Continue climb in hold to 4000.

ATIS	APP CON	TOWER	GND CON	ASR/PAR
118.8 273.5	124.7 371.975	119.3 (CTAF) 377.075	121.9 314.0	







CATEGORY	A		B	C		D	
LNAV MDA	640-1	445	(500-1)	640-1⅜	445	(500-1⅜)	
CIRCLING	680-1	467	(500-1)	860-1¾ 647 (700-1¾)		860-2 647 (700-2)	

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

YUMA, ARIZONA

RNAV (GPS) RWY 21R

YUMA MCAS YUMA INTL (KNYL)

(USN)

APCH CRS	Rwy ldg	13,300
211°	TDZE	193
	Arpt Elev	213

RNP APCH - GPS

* When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1 1/4 miles.

MALSR (A5)

MISSED APPROACH: Climb to 800 then, climbing right turn to 4000 direct CAZZI and hold. Continue climb in hold to 4000.

ATIS	APP CON	TOWER	GND CON	ASR/PAR
118.8 273.5	124.7 371.975	119.3 (CTAF) 377.075	121.9 314.0	

Holding at IAF CAZZI not authorized with aircraft holding at JIMUK or PRSON.

4 NM

HOLD 6000 4000

155°

335°

230K

(IAF) CAZZI 4000

3000

119°

(8.9)

(IF) ROLFY

3000

273°

(10.1)

(IAF) WARTT 4000

1800

183°

(6)

(FAF) DRAXX

354

211°

RW21R

524

MSA RW21R 25 NM

7000

CONTIGUOUS US ADIZ

UNITED STATES

MEXICO

SOMERTON

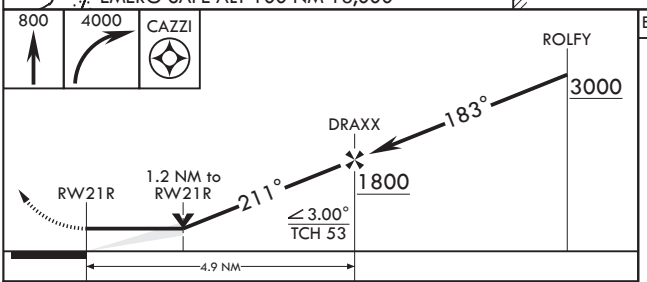
R2306E

R2307

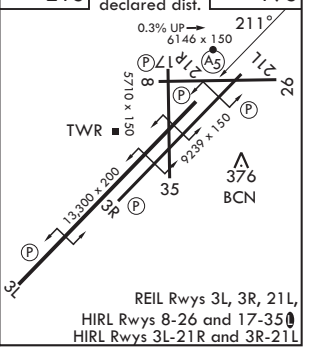
R2311

R2301W

EMERG SAFE ALT 100 NM 18,000



ELEV 213 See Supp for declared dist. TDZE 193



CATEGORY	A		B	C		D	
LNAV MDA*	620-½	427	(500-½)	620-¾	427	(500-¾)	
CIRCLING	680-1	467	(500-1)	860-1¾ 647 (700-1¾)		860-2 647 (700-2)	

YUMA, ARIZONA

Amdt 6 22JAN26

32°39'N - 114°36'W

YUMA MCAS YUMA INTL (KNYL)

RNAV (GPS) RWY 21R

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

YUMA, ARIZONA

TACAN Y RWY 3L

TACAN	APCH CRS	Rwy ldg	13,300
Chan 84	039°	TDZE	195
		Arpt Elev	213

[USN]

YUMA MCAS/YUMA INTL (KNYL)

MISSED APPROACH: Climb to 1500, then climbing left turn heading 297°to 4600 on NYL TACAN R-342 to JIMUK and hold, continue climb in hold to 4600.

ATIS	APP CON	TOWER	GND CON	ASR/PAR
118.8 273.5	124.7 371.975	119.3 (CTAF) 377.075	121.9 314.0	

CAUTION: R-2306E located 14.9 NM NE of NYL TACAN.

CAUTION: Intermediate segment 5.0 NM less than minimum 6.0 NM for CAT CD.

EMERG SAFE ALT 100 NM 18,000

R2301W

MSA NYL 25 NM
130° 7000 220°
3400 4400
040° 2000 310°

ELEV	213	D	TDZE	195

CATEGORY	A	B	C	D
S-3L	560-1	365	(400-1)	
CIRCLING	680-1 467 (500-1)		860-1¾ 647 (700-1¾)	860-2 647 (700-2)

REIL Rwys 3L, 3R, 21L, 35
HIRL Rwys 3R-21L, 3L-21R
HIRL Rwys 8-26, 17-35 C

YUMA, ARIZONA

32°39'N-114°36'W

YUMA MCAS/YUMA INTL (KNYL)

Amdt 6 22JAN26

TACAN Y RWY 3L

SW-4, 03 SEP 2026 to 29 OCT 2026

YUMA, ARIZONA

TACAN Y RWY 21R

TACAN NYL Chan 84	APCH CRS 208°	Rwy ldg 13,300 TDZE 193 Arpt Elev 213	[USN]	YUMA MCAS/YUMA INTL (KNYL)

* When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1¼ miles.

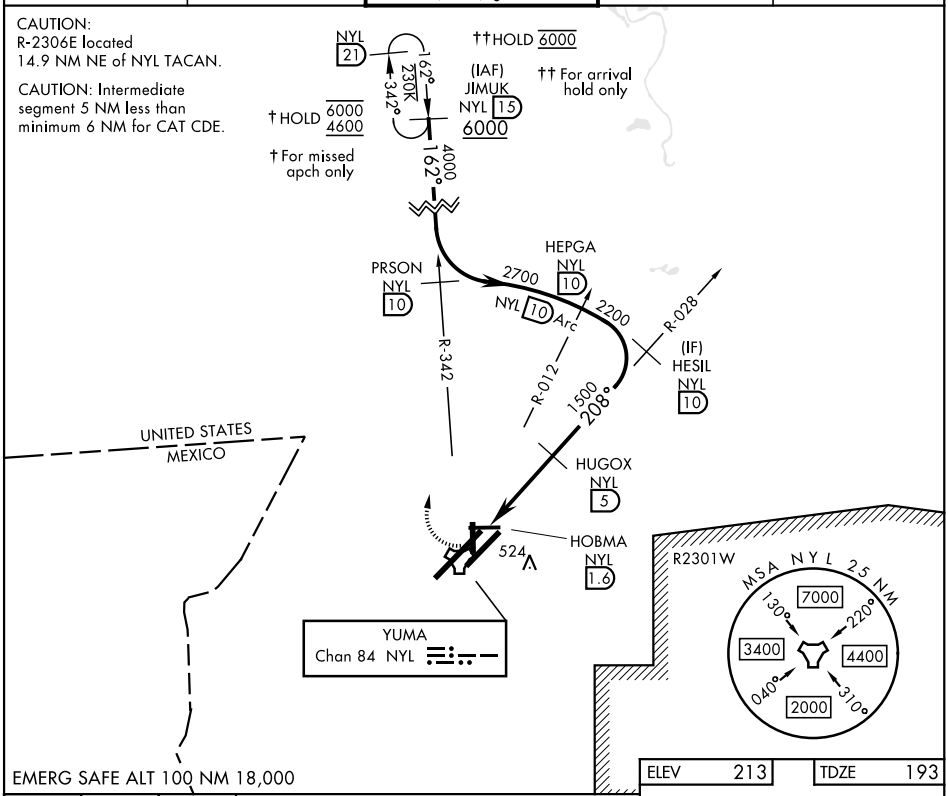
MALSR A5

MISSED APPROACH: Climb to 1000, then climbing right turn to 4600 on hdg 012° and NYL TACAN R-342 to JIMUK and hold, continue climb-in-hold to 4600.

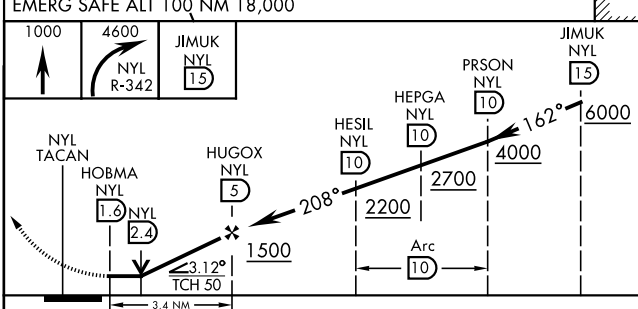
ATIS	APP CON	TOWER	GND CON	ASR/PAR
118.8 273.5	124.7 371.975	119.3 (CTAF) L 377.075	121.9 314.0	

CAUTION:
R-2306E located
14.9 NM NE of NYL TACAN.

CAUTION: Intermediate segment 5 NM less than minimum 6 NM for CAT CDE.

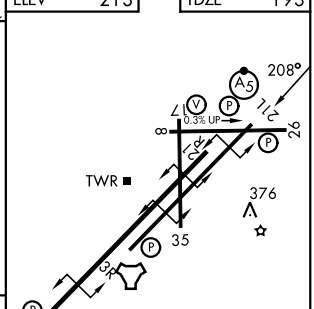


EMERG SAFE ALT 100 NM 18,000



CATEGORY	A	B	C	D
S-21R*	620-½ 427	(500-½)	620-¾ 427	(500-¾)
CIRCLING	680-1 467 (500-1)	680-1 467 (500-1)	860-1¾ 647 (700-1¾)	860-2 647 (700-2)

ELEV 213 | TDZE 193



REIL Rwys 3L, 3R, 21L, 35
HIRL Rwys 3R-21L, 3L-21R
HIRL Rwys 8-26, 17-35 L

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

YUMA, ARIZONA 32°39′N-114°36′W YUMA MCAS/YUMA INTL (KNYL)

Amdt 7 22JAN26

TACAN Y RWY 21R

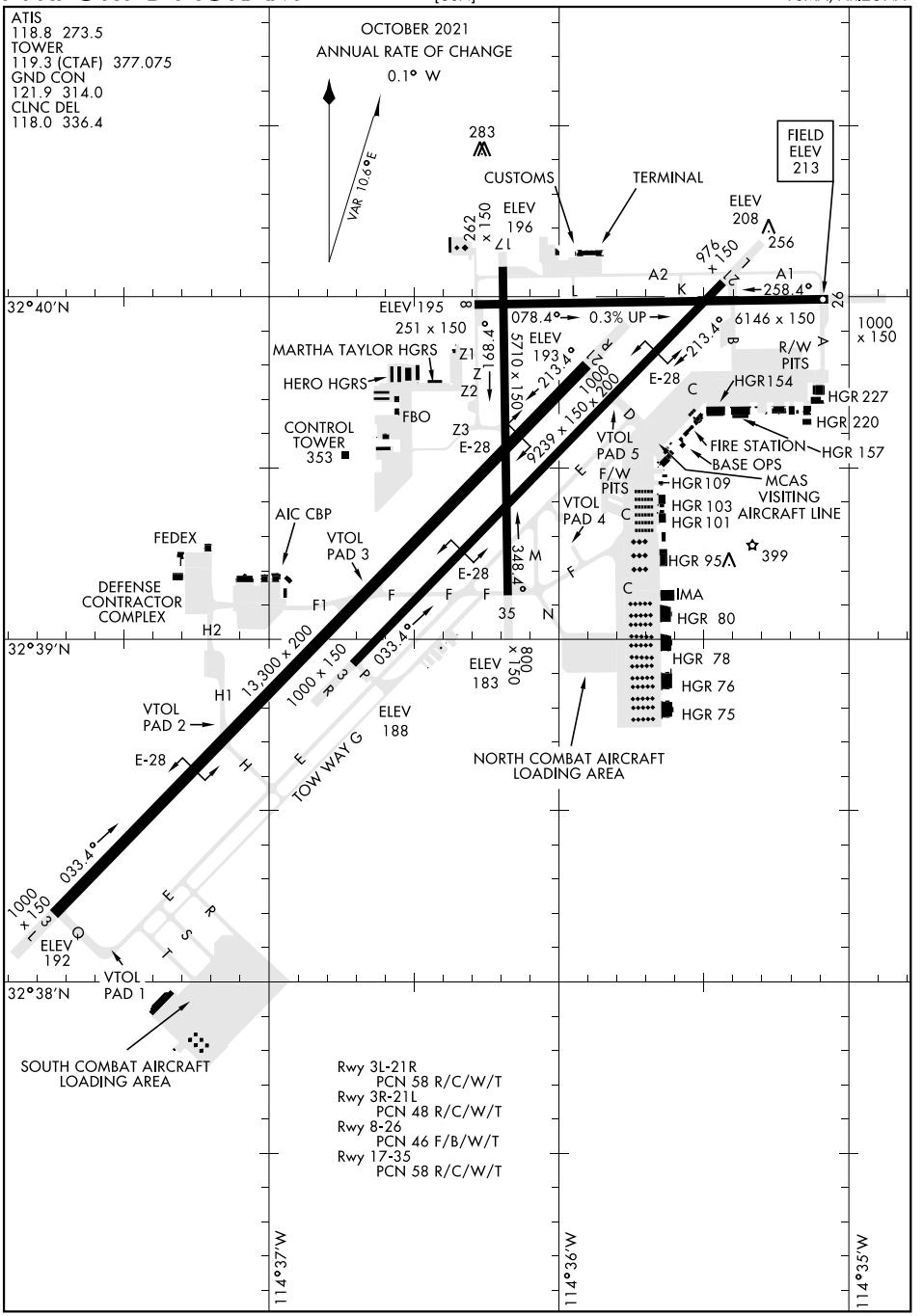
25107

AIRPORT DIAGRAM

YUMA MCAS/YUMA INTL (KNYL)

[USN]

YUMA, ARIZONA



AIRPORT DIAGRAM

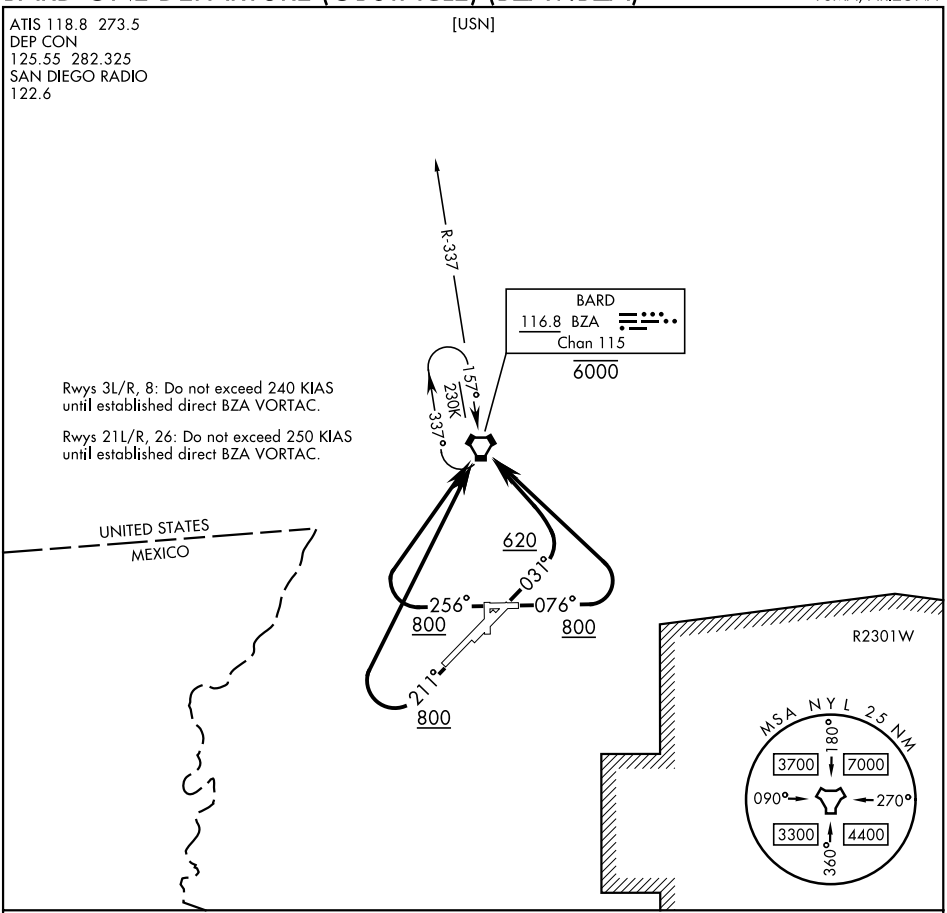
YUMA, ARIZONA

YUMA MCAS/YUMA INTL (KNYL)

SW-4, 03 SEP 2026 to 29 OCT 2026

SW-4, 03 SEP 2026 to 29 OCT 2026

BARD ONE DEPARTURE (OBSTACLE) (BZA1.BZA)



SW-4, 03 SEP 2026 to 29 OCT 2026

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R: Climb on heading 031° to 620, then climbing left turn direct BZA VORTAC, continue climb in BZA holding pattern to cross BZA at or above MEA for route of flight.

TAKEOFF RWY 8: Climb on heading 076° to 800, then climbing left turn direct BZA VORTAC, continue climb in BZA holding pattern to cross BZA at or above MEA for route of flight.

TAKEOFF RWY 21L/R: Climb on heading 211° to 800, then climbing right turn direct BZA VORTAC, continue climb in BZA holding pattern to cross BZA at or above MEA for route of flight.

TAKEOFF RWY 26: Climb on heading 256° to 800, then climbing right turn direct BZA VORTAC, continue climb in BZA holding pattern to cross BZA at or above MEA for route of flight.

BARD ONE DEPARTURE (OBSTACLE) (BZA1.BZA)
YUMA, ARIZONA

26134

YUMA MCAS/YUMA INTL (KNYL)

YUMA ONE DEPARTURE (NYL1.NYL)

YUMA, ARIZONA

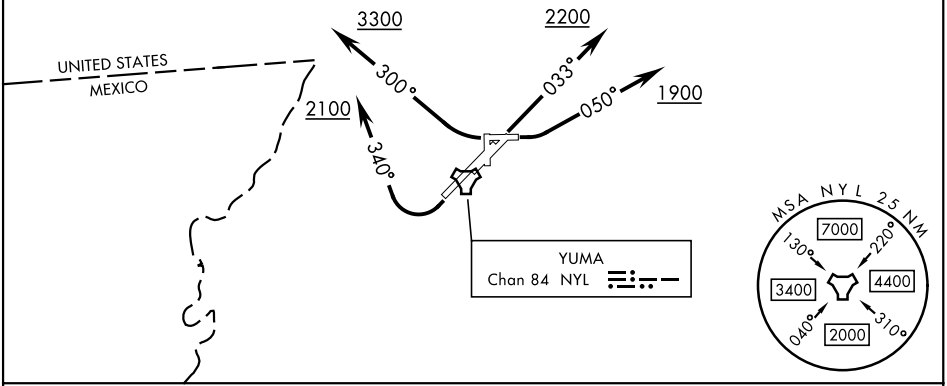
DEP CON
125.55 282.325
SAN DIEGO RADIO
122.6

RADAR required [USN]

Rwy	Knots	60	120	180	240	300	360
3L/3R ⓐ	V/V(fpm)	325	650	975	1300	1625	1950
8 ⓑ	V/V(fpm)	300	600	900	1200	1500	1800
26 ⓒ	V/V(fpm)	300	600	900	1200	1500	1800

Minimum Climb Rate
ⓐ to 1700
ⓑ to 1900
ⓒ to 3300

TOP ALTITUDE: ASSIGNED BY ATC



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/3R: Climb on heading 033° to 2200 thence...

TAKEOFF RWY 8: Climbing left turn heading 050° to 1900 thence...

TAKEOFF RWY 21L/21R: Climbing right turn heading 340° to 2100 thence...

TAKEOFF RWY 26: Climbing right turn heading 300° to 3300 thence...

...expect RADAR vectors to first enroute navaid/fix. Expect clearance to requested altitude/flight level ten minutes after departure.

SW-4, 03 SEP 2026 to 29 OCT 2026

INSIDE BACK COVER

INTENTIONALLY

LEFT

BLANK

U.S. TERMINAL PUBLICATION VOLUMES

AREA OF COVERAGE

FAA Product ID: BTPPSW4

NSN 7641015059600

NGA REF. NO. TERMXFAABTPPSW4
OK-10-2859

EFF. DATE 26246