

SC-3

SW. TX

03 SEP 26 to 29 OCT 26



Federal Aviation
Administration

TM

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South Central (SC) Vol 3 of 5

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29 OCT 2026

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



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Request for the creation or revisions to Airport Diagrams should be in accordance with
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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, MAL, 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

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.

	DA	Visibility (RVR 100's of feet)		Aircraft Approach Category		
		A	B	C	D	
Straight-in ILS to Runway 27	CATEGORY					
	S-ILS 27	1352/24		200	(200-½)	
Straight-in with Glide Slope Inoperative or not used to Runway 27	S-LOC 27	1440/24		288	(300-½)	
	CIRCLING	1540-1		1640-1	1640-1½	1740-2
	MDA	361 (400-1)		461 (500-1)	461 (500-1½)	561 (600-2)
	HAA	Visibility in Statute Miles				

All weather minima in parentheses not applicable to Civil Pilots.

Military Pilots refer to appropriate regulations.

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

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

	200	300	400	500	600	700	800	900	1000	1500	2000	3000	4000	5000
REPORTED TEMP °C														
+10	10	10	10	10	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

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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  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	¼	2200	½	3200*	¾	5000*	1
1600*	¼	2400*	½	3500	¾	5500	1
1800	½	2600	½	4000*	¾	6000*	1¼
2000	½	3000	¾	4500*	¾		

*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 ½ mile adjustment, first convert 2000 RVR to ½ SM. Adding ½ SM results in ¾ 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	(100-¼)				
	28	2.5°/48/1068	ABCDE	187/16	100	(100-¼)				
ASR	10		ABC	560/40	463	(500-¾)	DE	560/50	463	(500-1)
	28		AB	600/50	513	(600-1)	CDE	600/60	513	(600-1¼)
CIR	10		AB	560-1¼	463	(500-1¼)	CDE	560-1½	463	(500-1½)
	28		AB	600-1¼	503	(600-1¼)	CDE	600-1½	503	(600-1½)

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".

-  Alternate Minima not standard. Civil users refer to tabulation. USA/USN/USAF pilots refer to appropriate regulations.
-  NA Alternate minima are Not Authorized due to unmonitored facility or absence of weather reporting service.
-  Airport is published in the Takeoff Minima, (Obstacle) Departure Procedures, and Diverse Vector Area (Radar Vectors) tabulation.

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GENERAL INFORMATION

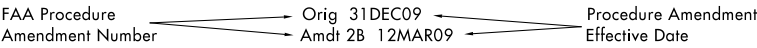
This publication is issued every 56 days and includes the following instrument flight procedures (IFPs): Standard Instrument Approach Procedures (SIAPs), Standard Instrument Departures (SIDs), Standard Terminal Arrivals (STARs), IFR Takeoff Minimums and (Obstacle) Departure Procedures (ODPs), Diverse 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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GENERAL INFO

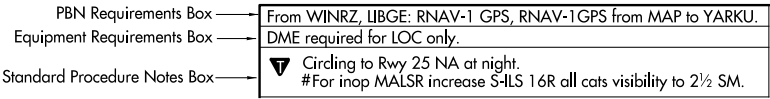
STANDARD TERMINAL ARRIVALS AND DEPARTURE PROCEDURES

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).

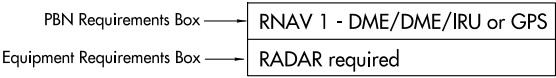
PROCEDURE PBN/EQUIPMENT REQUIREMENTS

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 controlled lighting, e.g.,  

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

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

KEY MIKE

- 7 times within 5 seconds
- 5 times within 5 seconds
- 3 times within 5 seconds

FUNCTION

- Highest intensity available
- Medium or lower intensity (Lower REIL or REIL-off)
- Lowest intensity available (Lower REIL or REIL-off)

ABBREVIATIONS

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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 Sequencec 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

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ABBREVIATIONS

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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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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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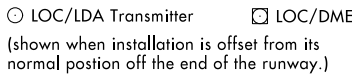
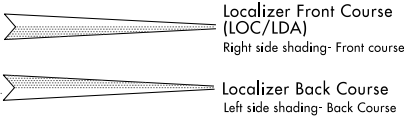
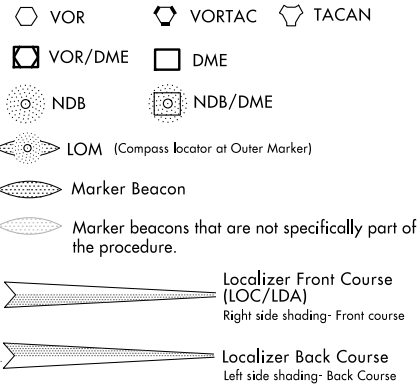
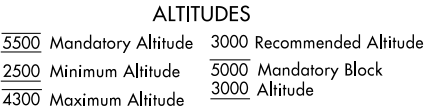
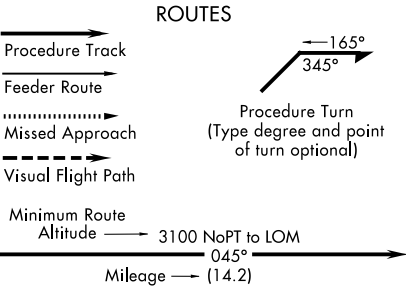
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

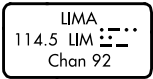
LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

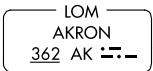
PLANVIEW SYMBOLS



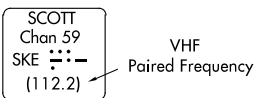
Primary NAVAID



Secondary NAVAID

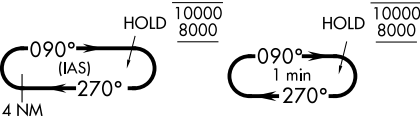


TACAN or DME NAVAID



HOLDING PATTERNS

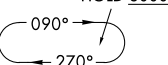
Hold-in-lieu of Procedure Turn



Missed Approach



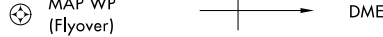
Arrival



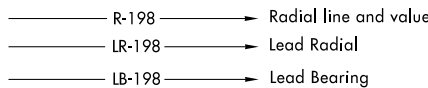
Holding pattern with maximum restricted airspeed: (175K) applies to all altitudes. (210K) applies to altitudes above 6000' to and including 14000'. Arrival Holding Pattern altitude restrictions will be indicated when they deviate from the adjacent leg.

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



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

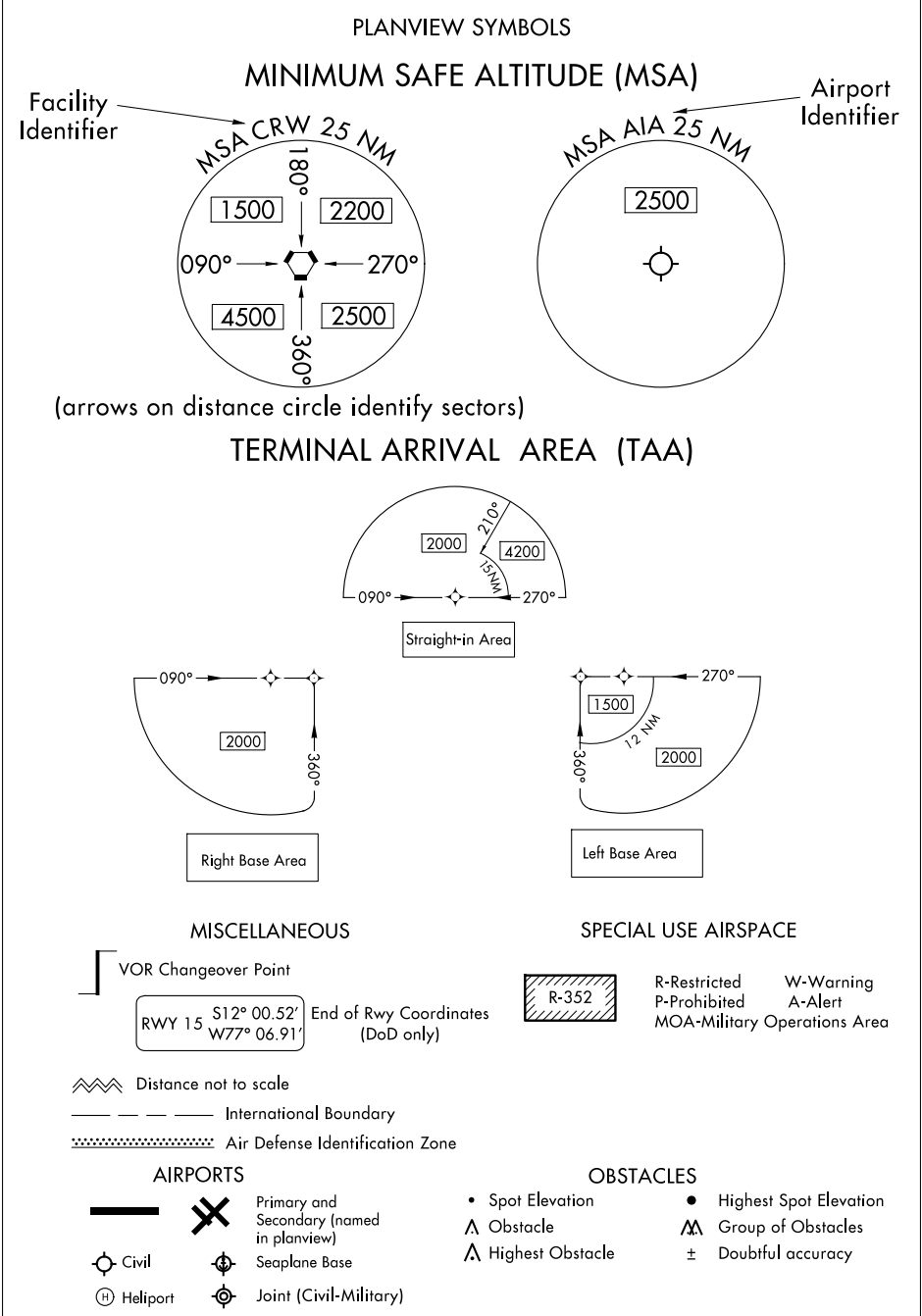


LEGEND

LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

23110



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LEGEND

23110

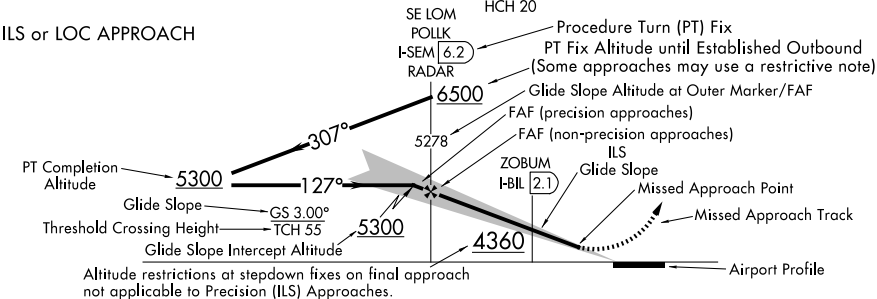
LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

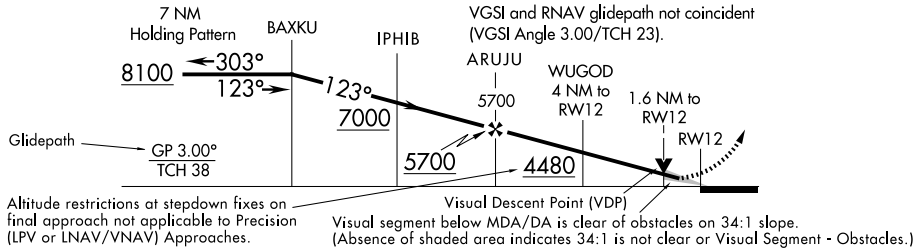
PROFILE VIEW

- 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: $\angle 3.00^\circ$ 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: $\angle 3.00^\circ$ 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: $\angle 3.00^\circ$ TCH 55. On Copter procedures this is depicted in the following format: $\angle 7.30^\circ$ HCH 20

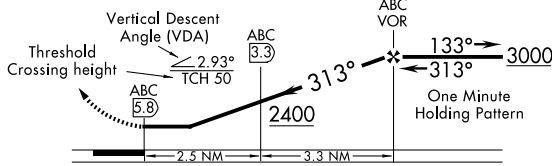
ILS or LOC APPROACH



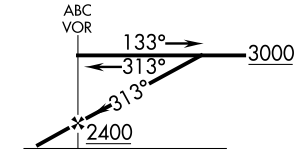
RNAV and GLS PROCEDURES WITH VERTICAL GUIDANCE



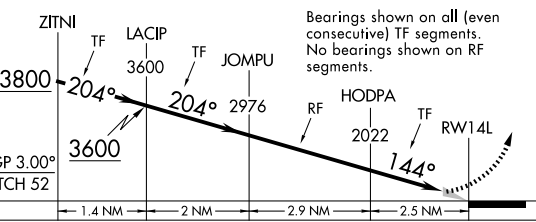
NON-VERTICALLY GUIDED CONVENTIONAL PROCEDURES AND RNAV PROCEDURES WITH MDA ONLY



DESCENT FROM HOLDING PATTERN



RNP APPROACH WITH TF AND RF SEGMENTS



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

PROFILE SYMBOLS

- Glide Slope/Glidepath Intercept Altitude and final approach fix for vertically guided approach procedures.
- Visual Descent Point (VDP)
- Visual Flight Path

LEGEND

LEGEND

STANDARD TERMINAL ARRIVAL (STAR) CHARTS

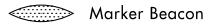
23334

RADIO AIDS TO NAVIGATION

Compulsory:



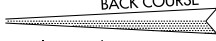
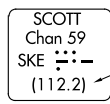
Non-Compulsory:

LOM
(Compass Locator
at outer marker)

Marker Beacon

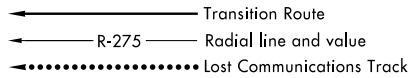


Localizer Front Course

Localizer Back Course
(Shading on left)(T) indicates frequency
protection rangeUnderline indicates
no voice transmitted
on this frequencyTACAN or DME
NAVAID BoxVHF Paired
Frequency(Y) TACAN must be placed
in "Y" mode to receive
distance information

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



V12 J80 Airway/Jet Route Identification

Holding
PatternLost Comm
Holding
Pattern

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

SPECIAL USE AIRSPACE



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

ALTITUDES

5500 2300 4800
Mandatory Altitude (Cross at) Minimum Altitude (Cross at or above) Maximum Altitude (Cross at or below)



Block Altitude

Altitude change at other
than Radio Aids to
Navigation

INDICATED AIRSPEED

175K 120K 250K
Mandatory Minimum Maximum
Airspeed Airspeed 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 Rws 16L/C/R

Terminus
identifier

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 ⊙ (Civil-Military)

Airports not served by the procedure
shown in screened color

○ Civil ⊙ Military ⊙ (Civil-Military)

LEGEND

23334

LEGEND

DEPARTURE PROCEDURE (DP) CHARTS

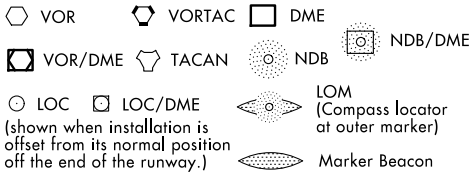
26190

RADIO AIDS TO NAVIGATION

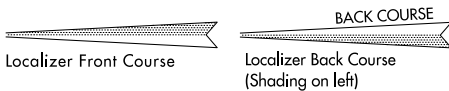
Compulsory:



Non-Compulsory:



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

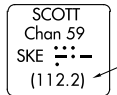


(T) indicates frequency protection range



Underline indicates no voice transmitted on this frequency

TACAN or DME NAVIAID 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 Computer Navigation Fix (CNF) - No ATC Function

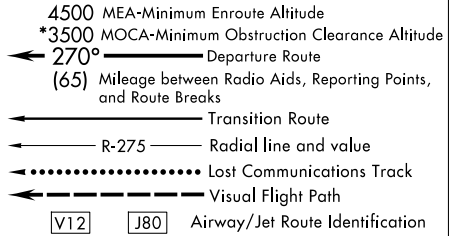
MISCELLANEOUS

Changeover Point Distance not to scale

International Boundary Frequency Sectorization Boundary Air Defense Identification Zone

Takeoff Minimums and (Obstacle) Departure Procedures entry published.

ROUTES



Holding Pattern (IAS) 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-Restricted P-Prohibited W-Warning A-Alert MOA-Military Operations Area

ALTITUDES

5500 2300 Mandatory Altitude (Cross at) Minimum Altitude (Cross at or above)

4800 1500K 1200K Maximum Altitude (Cross at or below) Block Altitude

TOP ALTITUDE: 5000 Top altitude restriction

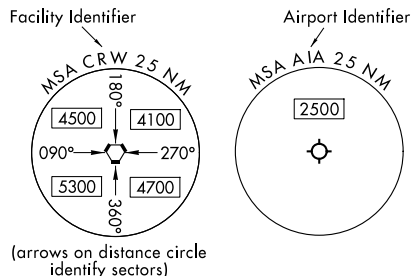
INDICATED AIRSPEED

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

AIRPORTS

Civil Military Joint (Civil-Military) Heliport

MINIMUM SAFE ALTITUDE (MSA)



LEGEND

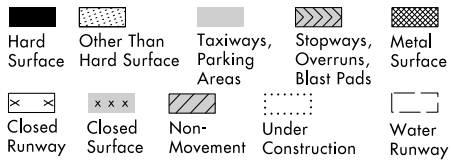
26190

LEGEND

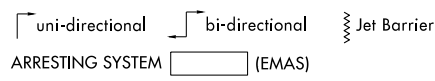
INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

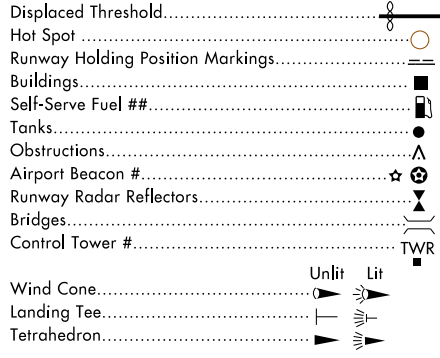
Runways



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.



REFERENCE FEATURES



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: Circle with 'H', square with 'H', triangle with 'H', circle with 'H', square with 'H', triangle with 'H'
Negative Symbols used to identify Copter Procedures landing point: Circle with 'H', square with 'H', triangle with 'H', circle with 'H', square with 'H', triangle with 'H'

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 $\geq 0.3\%$)

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 1/2 minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

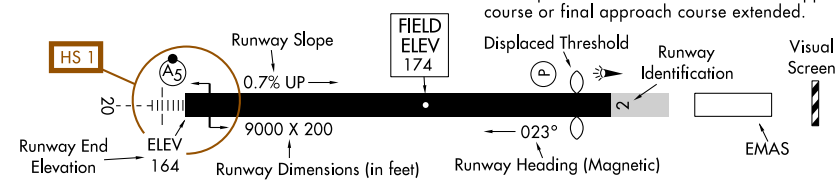
Positional accuracy within ± 600 feet unless otherwise noted on the chart.

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

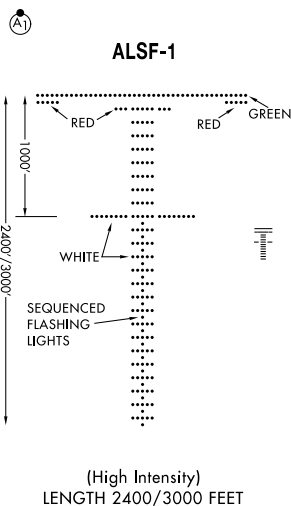
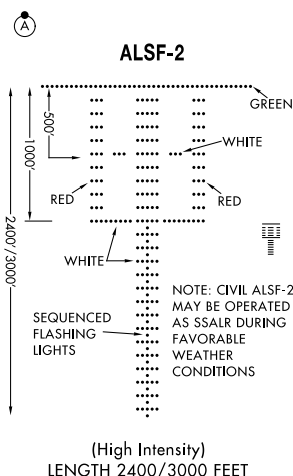
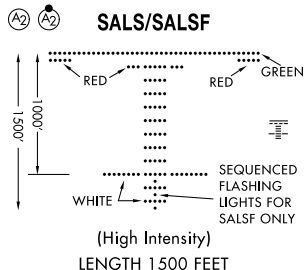
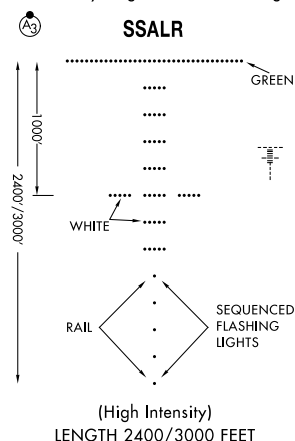
LEGEND

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

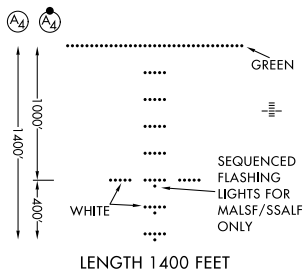
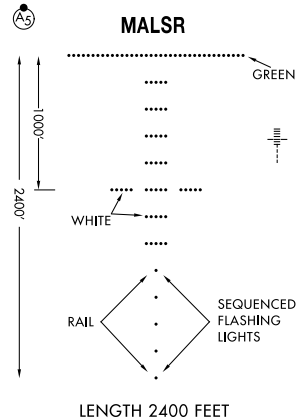
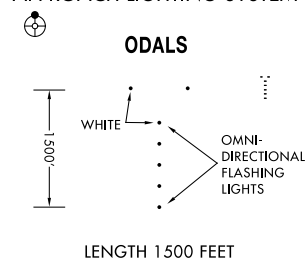
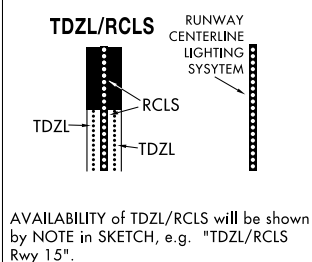
25331

Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, e.g., (A2), (A3), 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), (A2) indicates Pilot Controlled Lighting (PCL).

CATEGORY I
APPROACH LIGHTING SYSTEMCATEGORY II
APPROACH LIGHTING SYSTEMSHORT APPROACH
LIGHTING SYSTEMSIMPLIFIED SHORT
APPROACH LIGHTING SYSTEM
with Runway Alignment Indicator Lights

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

MEDIUM INTENSITY
APPROACH LIGHTING SYSTEM
with Runway Alignment Indicator LightsOMNIDIRECTIONAL
APPROACH LIGHTING SYSTEMRUNWAY TOUCHDOWN ZONE
LIGHTS AND RUNWAY
CENTERLINE LIGHTING SYSTEMS

LEGEND

25331

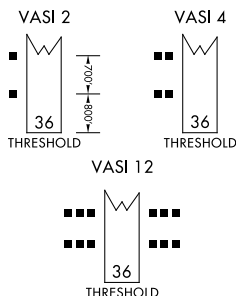
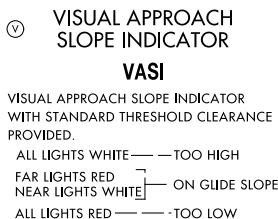
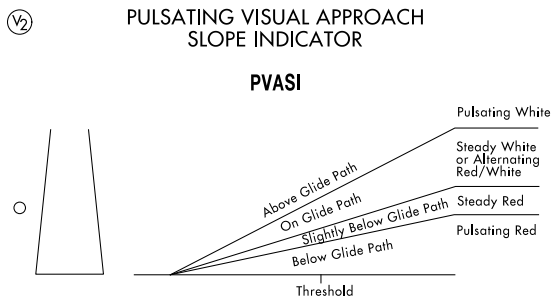
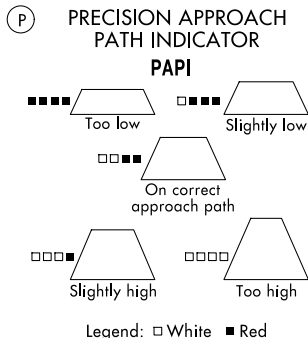
LEGEND

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

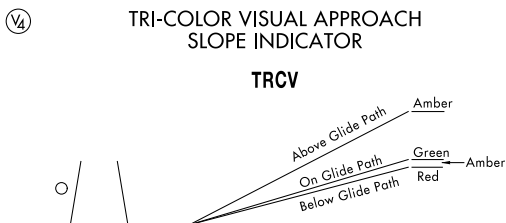
22195

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

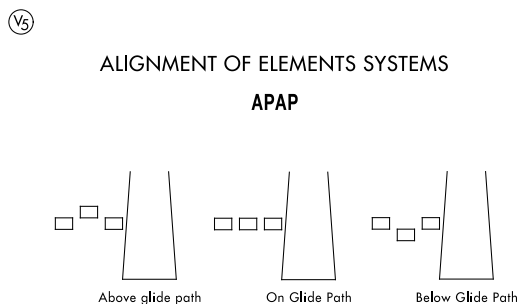
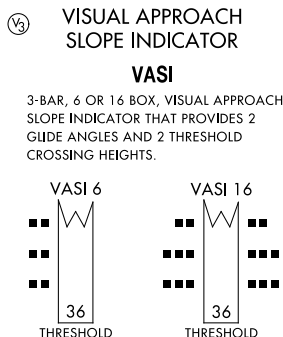
A dot "•" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g., (A1). Negative symbology, e.g., (A1), (V) indicates Pilot Controlled Lighting (PCL).



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.



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



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

LEGEND

22195

SUPPLEMENTAL TABLES 25107

FREQUENCY PAIRING TABLE

TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY
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.

SUPPLEMENTAL TABLES

25107

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

SUPPLEMENTAL TABLES

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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

SUPPLEMENTAL TABLES

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INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
ALICE, TX			AUSTIN, TX		
ALICE INTL(ALI)			AUSTIN EXEC(EDC)		
TAKEOFF MINIMUMS	L		TAKEOFF MINIMUMS	L	
ALTERNATE MINIMUMS	M		ALTERNATE MINIMUMS	M	
IAPS RNAV (GPS) RWY 13	1		STARS BLEWE FIVE	Z2	
RNAV (GPS) RWY 31	2		POTRR TWO (RNAV)	Z20	
LOC/DME RWY 31	3		SZAGI THREE (RNAV)	Z27	
ALPINE, TX			IAPS RNAV (GPS) RWY 13	8	
ALPINE-CASPARIS MUNI(E38)			RNAV (GPS) RWY 31	9	
TAKEOFF MINIMUMS	L		AIRPORT DIAGRAM	10	
ALTERNATE MINIMUMS	M		DPS AEROZ TWO (RNAV)	11	
IAPS RNAV (GPS) RWY 19	4		BNDIA THREE (RNAV)	12	
RNAV (GPS) RWY 23	5		ELOEL THREE (RNAV)	13	
DPS ODKAE ONE (OBSTACLE)	6		ILEXY FOUR (RNAV)	14	
ARANSAS COUNTY			MUCKY THREE (RNAV)	15	
---SEE ROCKPORT, TX			SAYBR THREE (RNAV)	16	
			AUSTIN-BERGSTROM INTL(AUS)		
			TAKEOFF MINIMUMS	L	
			HOT SPOT	P	
			STARS BLEWE FIVE	Z2	
			DXEEE THREE (RNAV)	Z9	
			LAIKS FOUR (RNAV)	Z12	
			SEWZY SIX (RNAV)	Z25	
			SZAGI THREE (RNAV)	Z27	
			WLEEE SEVEN (RNAV)	Z31	
			IAPS ILS OR LOC RWY 18L	17	
			ILS OR LOC RWY 18R	18	
			ILS OR LOC RWY 36L	19	
			ILS OR LOC RWY 36R	20	
			ILS RWY 18L (SA CAT I)	21	
			ILS RWY 36R (SA CAT I - II)	22	
			ILS RWY 18L (CAT II - III)	23	
			RNAV (RNP) Z RWY 18L	24	
			RNAV (RNP) Z RWY 18R	25	
			RNAV (RNP) Z RWY 36L	26	
			RNAV (RNP) Z RWY 36R	27	
			RNAV (GPS) Y RWY 18L	28	
			RNAV (GPS) Y RWY 18R	29	
			RNAV (GPS) Y RWY 36L	30	
			RNAV (GPS) Y RWY 36R	31	
			AIRPORT DIAGRAM	32	
			DPS AEROZ TWO (RNAV)	33	
			AUSTIN SEVEN	34	
			BNDIA THREE (RNAV)	36	
			CENTEX EIGHT	37	
			ELOEL THREE (RNAV)	39	
			ILEXY FOUR (RNAV)	40	
			MUCKY THREE (RNAV)	41	
			PALMS FOUR	42	
			SAYBR THREE (RNAV)	43	

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NAME PROC SECT PG NAME PROC SECT PG

AUSTIN, TX

SAN MARCOS RGNL(HYI)
TAKEOFF MINIMUMSL
ALTERNATE MINIMUMSM
HOT SPOTP
STARSBLEWE FIVEZ2
 GABOO ONE (RNAV)Z10
 POTRR TWO (RNAV)Z20
 SZAGI THREE (RNAV)Z27
IAPSILS OR LOC RWY 1344
 RNAV (GPS) RWY 0845
 RNAV (GPS) RWY 1346
 RNAV (GPS) RWY 1747
 RNAV (GPS) RWY 2648
 RNAV (GPS) RWY 3149
 RNAV (GPS) RWY 3550
AIRPORT DIAGRAM51
DPSAEROZ TWO (RNAV)52
 BNDIA THREE (RNAV)53
 ELOEL THREE (RNAV)54
 ILEXY FOUR (RNAV)55
 MUCKY THREE (RNAV)56
 SAYBR THREE (RNAV)57

BALLINGER, TX

BRUCE FLD(E30)
TAKEOFF MINIMUMSL
IAPSRNAV (GPS) RWY 1758
 RNAV (GPS) RWY 3559

BEEVILLE, TX

BEEVILLE MUNI(BEA)
TAKEOFF MINIMUMSL
ALTERNATE MINIMUMSM
IAPSRNAV (GPS) RWY 1260
 RNAV (GPS) RWY 3061
CHASE FLD INDUSTRIAL(TX2)
IAPSRNAV (GPS) RWY 1362
 RNAV (GPS) RWY 3163

BERCLAIR, TX

---SEE GOLIAD NOLF

BIG LAKE, TX

REAGAN COUNTY(E41)
TAKEOFF MINIMUMSL
ALTERNATE MINIMUMSM
IAPSRNAV (GPS) RWY 1664

BIGGS AAF (FORT BLISS)(KBIF)

FORT BLISS, TX
TAKEOFF MINIMUMSL
RADAR MINIMUMSN
IAPSILS OR LOC RWY 2265
 RNAV (GPS) RWY 2266
 VOR OR TACAN RWY 2267
AIRPORT DIAGRAM68

BOERNE STAGE AIRFIELD

---SEE SAN ANTONIO, TX

BRADY, TX

CURTIS FLD(BBD)
TAKEOFF MINIMUMSL
ALTERNATE MINIMUMSM
IAPSRNAV (GPS) RWY 1769
 RNAV (GPS) RWY 3570

BROOKS COUNTY

---SEE FALFURRIAS, TX

BROWNSVILLE, TX

BROWNSVILLE/SOUTH PADRE ISLAND INTL(BRO)
TAKEOFF MINIMUMSL
ALTERNATE MINIMUMSM
IAPSILS OR LOC RWY 1371
 RNAV (GPS) RWY 1372
 RNAV (GPS) RWY 1873
 RNAV (GPS) RWY 3174
 LOC BC RWY 3175
AIRPORT DIAGRAM76

BROWNWOOD, TX

BROWNWOOD RGNL(BWD)
TAKEOFF MINIMUMSL
ALTERNATE MINIMUMSM
IAPSRNAV (GPS) RWY 1777
 RNAV (GPS) RWY 3578
 LOC RWY 1779
 VOR RWY 1780
 VOR RWY 3581

BRUCE FLD

---SEE BALLINGER, TX

BURNET, TX

BURNET MUNI/KATE CRADDOCK FLD(BMQ)
TAKEOFF MINIMUMSL
ALTERNATE MINIMUMSM
IAPSRNAV (GPS) RWY 0182
 RNAV (GPS) RWY 1983

CAMERON COUNTY

---SEE PORT ISABEL, TX

CARRIZO SPRINGS, TX

DIMMIT COUNTY(CZT)
TAKEOFF MINIMUMSL
IAPSRNAV (GPS) RWY 1384
 RNAV (GPS) RWY 3185

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NAME	PROC	SECT PG	NAME	PROC	SECT PG
CASTROVILLE, TX			CORPUS CHRISTI NAS (TRUAX FLD)(KNGP)		
CASTROVILLE MUNI(CVB)			CORPUS CHRISTI, TX		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	RADAR MINIMUMS		N
STARS CRVZA TWO (RNAV)		Z4	IAPS ILS Z OR LOC Z RWY 13R		110
DNKIN TWO (RNAV)		Z7	ILS Y OR RNAV (GPS) RWY 13R		111
POPPO TWO (RNAV)		Z17	RNAV (GPS) RWY 04		112
QERVO THREE (RNAV)		Z21	RNAV (GPS) RWY 13L		113
IAPS RNAV (GPS) RWY 16		86	RNAV (GPS) RWY 18		114
RNAV (GPS) RWY 34		87	RNAV (GPS) RWY 22		115
DPS ALISS SEVEN (RNAV)		88	RNAV (GPS) RWY 31L		116
SLENA TWO (RNAV)		89	RNAV (GPS) RWY 31R		117
SNIDR TWO (RNAV)		90	RNAV (GPS) RWY 36		118
TJANO TWO (RNAV)		91	VOR/DME OR TACAN Y RWY 13R		119
YODUH TWO (RNAV)		92	VOR/DME OR TACAN Y RWY 31L		120
			TACAN RWY 18		121
CHASE FLD INDUSTRIAL			TACAN RWY 36		122
---SEE BEEVILLE, TX			TACAN X RWY 31L		123
			TACAN Z RWY 13R		124
COLEMAN, TX			TACAN Z RWY 31L		125
COLEMAN MUNI(COM)			AIRPORT DIAGRAM		126
TAKEOFF MINIMUMS		L	COTULLA, TX		
ALTERNATE MINIMUMS		M	COTULLA-LA SALLE COUNTY(COT)		
IAPS RNAV (GPS) RWY 15		93	TAKEOFF MINIMUMS		L
RNAV (GPS) RWY 33		94	IAPS RNAV (GPS) RWY 13		127
			RNAV (GPS) RWY 31		128
COMANCHE, TX			CULBERSON COUNTY		
COMANCHE COUNTY-CITY(MKN)			---SEE VAN HORN, TX		
TAKEOFF MINIMUMS		L	CURTIS FLD		
ALTERNATE MINIMUMS		M	---SEE BRADY, TX		
IAPS RNAV (GPS) RWY 17		95	DEL RIO, TX		
RNAV (GPS) RWY 35		96	DEL RIO INTL(DRT)		
CORPUS CHRISTI, TX			TAKEOFF MINIMUMS		L
CORPUS CHRISTI INTL(CRP)			ALTERNATE MINIMUMS		M
TAKEOFF MINIMUMS		L	IAPS ILS OR LOC RWY 13		97
ALTERNATE MINIMUMS		M	ILS OR LOC RWY 36		98
IAPS ILS OR LOC RWY 13		97	RNAV (RNP) Z RWY 13		99
ILS OR LOC RWY 36		98	RNAV (RNP) Z RWY 31		100
RNAV (RNP) Z RWY 13		99	RNAV (RNP) Z RWY 36		101
RNAV (RNP) Z RWY 31		100	RNAV (GPS) RWY 18		102
RNAV (RNP) Z RWY 36		101	RNAV (GPS) X RWY 31		103
RNAV (GPS) RWY 18		102	RNAV (GPS) Y RWY 13		104
RNAV (GPS) X RWY 31		103	RNAV (GPS) Y RWY 31		105
RNAV (GPS) Y RWY 13		104	RNAV (GPS) Y RWY 36		106
RNAV (GPS) Y RWY 31		105	LOC RWY 31		107
RNAV (GPS) Y RWY 36		106	VOR OR TACAN RWY 18		108
LOC RWY 31		107	AIRPORT DIAGRAM		109
VOR OR TACAN RWY 18		108	DEL RIO, TX		
AIRPORT DIAGRAM		109	---SEE LAUGHLIN AFB		
			DEVINE, TX		
DIMMIT COUNTY			DEVINE MUNI(23R)		
---SEE CARRIZO SPRINGS, TX			TAKEOFF MINIMUMS		L
			IAPS RNAV (GPS) RWY 35		132
DRAUGHON-MILLER CENTRAL TEXAS RGNL			NDB RWY 35		133
---SEE TEMPLE, TX			EAGLE PASS, TX		
			MAVERICK COUNTY MEML INTL(5T9)		
EAGLE PASS, TX			TAKEOFF MINIMUMS		L
MAVERICK COUNTY MEML INTL(5T9)			IAPS RNAV (GPS) RWY 13		134
TAKEOFF MINIMUMS		L	RNAV (GPS) RWY 31		135
IAPS RNAV (GPS) RWY 13		134			
RNAV (GPS) RWY 31		135			

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EDINBURG, TX

SOUTH TEXAS INTL AT EDINBURG(EBG)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	RNAV (GPS) RWY 14 .....136
	RNAV (GPS) RWY 32137

EDWARDS COUNTY

---SEE ROCKSPRINGS, TX

EL PASO, TX

EL PASO INTL(ELP)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
RADAR MINIMUMS	N
HOT SPOT	P
STARS	BEAHR THREE (RNAV) .....Z1
	HSKNS ONE (RNAV) .....Z11
	MOLLY FIVE (RNAV) .....Z16
	SAMMR THREE (RNAV) .....Z24
	WAZKO ONE (RNAV) .....Z28
IAPS	ILS OR LOC RWY 22 .....138
	RNAV (RNP) X RWY 08R .....139
	RNAV (RNP) Y RWY 04 .....140
	RNAV (RNP) Y RWY 08R .....141
	RNAV (RNP) Z RWY 04 .....142
	RNAV (RNP) Z RWY 22 .....143
	RNAV (RNP) Z RWY 26L .....144
	RNAV (GPS) RWY 26R .....145
	RNAV (GPS) X RWY 04146
	RNAV (GPS) Y RWY 22147
	RNAV (GPS) Y RWY 26L148
	LOC/DME RWY 04149
	VOR RWY 26L150
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	JCOXX TWO (RNAV)154
	LATVE THREE (RNAV)155
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FALFURRIAS, TX

BROOKS COUNTY(BKS)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	RNAV (GPS) RWY 17 .....161
	RNAV (GPS) RWY 35162

FORT BLISS, TX

---SEE BIGGS AAF (FORT BLISS)

FORT HOOD, TX

---SEE YOAKUM-DEFRENN AHP (FORT HOOD)

FORT HOOD (KILLEEN), TX

ROBERT GRAY AAF(GRK)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
RADAR MINIMUMS	N
IAPS	ILS OR LOC RWY 15 .....163
	ILS OR LOC RWY 33 .....164
	RNAV (GPS) RWY 15 .....165
	RNAV (GPS) RWY 33166
	VOR RWY 15167
	VOR-A168
	COPTER VOR RWY 33169
AIRPORT DIAGRAM	170
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	LAMPS NINE172

FORT STOCKTON, TX

FORT STOCKTON-PECOS COUNTY(FST)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	RNAV (GPS) RWY 12 .....173
	RNAV (GPS) RWY 30 .....174
	VOR RWY 12175

FREDERICKSBURG, TX

GILLESPIE COUNTY(T82)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	RNAV (GPS) RWY 14 .....176
	RNAV (GPS) RWY 32 .....177
	VOR/DME-A178

GARNER FLD

---SEE UVALDE, TX

GEORGE WEST, TX

LIVE OAK COUNTY(8T6)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	RNAV (GPS) RWY 13179

GEORGETOWN, TX

GEORGETOWN EXEC(GTU)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
HOT SPOT	P
STARS	POTRR TWO (RNAV)Z20
	SZAGI THREE (RNAV)Z27
IAPS	RNAV (GPS) RWY 11180
	RNAV (GPS) RWY 18181
	RNAV (GPS) RWY 29182
	RNAV (GPS) RWY 36183
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	RNAV (GPS) RWY 29	193
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HAMILTON, TX

HAMILTON MUNI(MNZ)

TAKEOFF MINIMUMS	L
IAPS RNAV (GPS) RWY 18	195
RNAV (GPS) RWY 36	196

HARLINGEN, TX

VALLEY INTL(HRL)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
HOT SPOT	P
IAPS	ILS OR LOC RWY 18R .....197
	ILS OR LOC RWY 36L .....198
	ILS RWY 18R (SA CAT I - II) .....199
	ILS RWY 36L (SA CAT I - II) .....200
	RNAV (RNP) Z RWY 13 .....201
	RNAV (RNP) Z RWY 18R .....202
	RNAV (RNP) Z RWY 31 .....203
	RNAV (RNP) Z RWY 36L .....204
	RNAV (GPS) RWY 18L .....205
	RNAV (GPS) RWY 36R .....206
	RNAV (GPS) Y RWY 13 .....207
	RNAV (GPS) Y RWY 18R .....208
	RNAV (GPS) Y RWY 31 .....209
	RNAV (GPS) Y RWY 36L .....210
	VOR RWY 18L211
	VOR RWY 18R212
	VOR RWY 36L213
	VOR Y OR TACAN RWY 31214
	VOR Z RWY 31215
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HEBBRONVILLE, TX

JIM HOGG COUNTY(HBV)

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ALTERNATE MINIMUMS	M
IAPS RNAV (GPS) RWY 13	217

HONDO, TX

HONDO RGNL(HDO)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS RNAV (GPS) RWY 17L	218
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INGLESIDE, TX

INGLESIDE RGNL(TFP)

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ALTERNATE MINIMUMS	M
IAPS RNAV (GPS) RWY 14	220
RNAV (GPS) RWY 32	221
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JIM HOGG COUNTY

---SEE HEBBRONVILLE, TX

JUNCTION, TX

KIMBLE COUNTY(JCT)

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ALTERNATE MINIMUMS	M
IAPS RNAV (GPS) RWY 17	223
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KELLY FLD(KSKF)

SAN ANTONIO, TX

TAKEOFF MINIMUMS		L
HOT SPOT		P
STARS ...	CENTERPOINT THREE	Z3
	CRVZA TWO (RNAV)	Z4
	DNKIN TWO (RNAV)	Z7
	LEMIG TWO	Z13
	MARCS TWO	Z14
	POPPO TWO (RNAV)	Z17
	QERVO THREE (RNAV)	Z21
	STONEWALL TWO	Z26
IAPS	ILS OR LOC/DME Y RWY 16	Z25
	ILS OR LOC/DME Y RWY 34	Z26
	RNAV (GPS) RWY 16	Z27
	RNAV (GPS) RWY 34	Z28
	TACAN Y RWY 16	Z29
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AIRPORT DIAGRAM		Z31
DPS	ALISS SEVEN (RNAV)	Z32
	SLENA TWO (RNAV)	Z33
	SNIDR TWO (RNAV)	Z34
	TJANO TWO (RNAV)	Z35
	YODUH TWO (RNAV)	Z36

KENEDY, TX

KENEDY RGNL(2R9)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS RNAV (GPS) RWY 16	237
RNAV (GPS) RWY 34	238

KERRVILLE, TX

KERRVILLE MUNI/LOUIS SCHREINER FLD(ERV)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	
RNAV (GPS) RWY 12	239
RNAV (GPS) RWY 30	240
LOC RWY 30	241
VOR-A	242

KILLEEN, TX

SKYLARK FLD(ILE)

TAKEOFF MINIMUMS	L	
ALTERNATE MINIMUMS	M	
IAPS	RNAV (GPS) RWY 01	243
	LOC RWY 01	244
	VOR-A	245
DPS	CONRA FOUR	246
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KLEBERG COUNTY(IKG)			LAMPASAS(LZZ)		
TAKEOFF MINIMUMS	L		TAKEOFF MINIMUMS	L	
IAPS RNAV (GPS) RWY 13		248	ALTERNATE MINIMUMS	M	
			IAPS RNAV (GPS) RWY 34		278
			VOR-A		279
KINGSVILLE NAS(KNQI)			LAREDO, TX		
KINGSVILLE, TX			LAREDO INTL(LRD)		
TAKEOFF MINIMUMS	L		TAKEOFF MINIMUMS	L	
RADAR MINIMUMS	N		ALTERNATE MINIMUMS	M	
IAPS ILS X OR LOC X RWY 13R		249	IAPS ILS OR LOC RWY 18R		280
ILS Z OR LOC Z RWY 13R		250	RNAV (GPS) RWY 14		281
TACAN RWY 13L/R		251	RNAV (GPS) RWY 18L		282
TACAN RWY 17L		252	RNAV (GPS) RWY 18R		283
TACAN RWY 31L/R		253	RNAV (GPS) RWY 32		284
TACAN Y RWY 17R		254	RNAV (GPS) RWY 36L		285
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DPS KINGSVILLE FOUR		258	AIRPORT DIAGRAM		289
KLEBERG COUNTY			LAUGHLIN AFB(KDLF)		
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TAKEOFF MINIMUMS	L		STARS ... WEBOX FOUR		Z30
ALTERNATE MINIMUMS	M		IAPS ILS OR LOC/DME Y RWY 13C		290
STARS ... BLEWE FIVE		Z22	ILS OR LOC/DME Y RWY 31C		291
GABOO ONE (RNAV)		Z10	RNAV (GPS) RWY 13C		292
POTRR TWO (RNAV)		Z20	RNAV (GPS) RWY 31C		293
SZAGI THREE (RNAV)		Z27	RNAV (GPS)-B		294
IAPS RNAV (GPS) RWY 15		260	VOR/DME RWY 13C		295
DPS AEROZ TWO (RNAV)		261	VOR/DME RWY 31C		296
BNDIA THREE (RNAV)		262	AIRPORT DIAGRAM		297
ELOEL THREE (RNAV)		263	DPS HINKO ONE		298
IILEXY FOUR (RNAV)		264	LAUGHLIN ONE		299
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ALTERNATE MINIMUMS	M				
IAPS RNAV (GPS) RWY 07		267			
RNAV (GPS) Y RWY 25		268			
RNAV (GPS) Z RWY 25		269			
DPS MARFA TWO (OBSTACLE) (RNAV)		270			
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STARS ... BLEWE FIVE		Z22	ALTERNATE MINIMUMS	M	
GABOO ONE (RNAV)		Z10	IAPS RNAV (GPS) RWY 17		300
POTRR TWO (RNAV)		Z20	RNAV (GPS) RWY 35		301
SZAGI THREE (RNAV)		Z27			
IAPS RNAV (GPS) RWY 16		271			
DPS AEROZ TWO (RNAV)		272			
BNDIA THREE (RNAV)		273			
ELOEL THREE (RNAV)		274			
IILEXY FOUR (RNAV)		275			
MUCKY THREE (RNAV)		276			
SAYBR THREE (RNAV)		277			
LOCKHART, TX			MARFA, TX		
LOCKHART MUNI(50R)			MARFA MUNI(MRF)		
TAKEOFF MINIMUMS	L		TAKEOFF MINIMUMS	L	
IAPS RNAV (GPS) RWY 18		302	ALTERNATE MINIMUMS	M	
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			VOR RWY 31		305

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MASON, TX

MASON COUNTY(T92)

TAKEOFF MINIMUMS	L
IAPS	 RNAV (GPS) RWY 18306
	RNAV (GPS) RWY 36307

MAVERICK COUNTY MEML INTL

---SEE EAGLE PASS, TX

MC ALLEN, TX

MC ALLEN INTL(MFE)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
HOT SPOT	P
IAPS	 ILS OR LOC RWY 14 .....308
	ILS OR LOC RWY 32 .....309
	RNAV (GPS) RWY 14 .....310
	RNAV (GPS) RWY 32 .....311
	VOR RWY 14 .....312
	VOR RWY 32 .....313
AIRPORT DIAGRAM	314

MC GREGOR EXEC

---SEE WACO, TX

MC KINLEY FLD

---SEE PEARSALL, TX

MID VALLEY INTL

---SEE WESLACO, TX

MIDLAND, TX

MIDLAND AIRPARK(MDD)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	 RNAV (GPS) RWY 25 .....315
	RNAV (GPS) RWY 34316

MIDLAND INTL AIR AND SPACE PORT(MAF)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
HOT SPOT	P
IAPS	 ILS OR LOC RWY 10317
	RNAV (GPS) RWY 04318
	RNAV (GPS) RWY 10319
	RNAV (GPS) RWY 16R320
	RNAV (GPS) RWY 22321
	RNAV (GPS) RWY 28322
	RNAV (GPS) RWY 34L323
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MONAHANS, TX

ROY HURD MEML(E01)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	 RNAV (GPS) RWY 12327
	RNAV (GPS) RWY 30328

MUSTANG BEACH

---SEE PORT ARANSAS, TX

NEW BRAUNFELS, TX

NEW BRAUNFELS NTL(BAZ)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
HOT SPOT	P
STARS	 CRVZA TWO (RNAV) .....Z4
	DNKIN TWO (RNAV) .....Z7
	POPPO TWO (RNAV) .....Z17
	QERVO THREE (RNAV) .....Z21
IAPS	 RNAV (GPS) RWY 13329
	RNAV (GPS) RWY 17330
	RNAV (GPS) RWY 31331
	RNAV (GPS) RWY 35332
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AIRPORT DIAGRAM	334
DPS	 ALISS SEVEN (RNAV)335
	SLENA TWO (RNAV)336
	SNIDR TWO (RNAV)337
	TJANO TWO (RNAV)338
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NUECES COUNTY

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ODESSA, TX

ODESSA-SCHLEMEYER FLD(ODO)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	 RNAV (GPS) RWY 11 .....340
	RNAV (GPS) RWY 20 .....341
	RNAV (GPS) RWY 29342

ORANGE GROVE NALF(KNOG)

ORANGE GROVE, TX

TAKEOFF MINIMUMS	L
IAPS	 ILS X OR LOC X RWY 13 .....343
	ILS Z OR LOC Z RWY 13 .....344
	TACAN RWY 31 .....345
	TACAN Z RWY 13 .....346
	TACAN-A .....347
AIRPORT DIAGRAM	348

OZONA, TX

OZONA MUNI(OZA)

TAKEOFF MINIMUMS	L
IAPS	 RNAV (GPS) RWY 16349

PEARSALL, TX

MC KINLEY FLD(T30)

TAKEOFF MINIMUMS	L
IAPS	 VOR/DME OR GPS-A350

PECOS, TX

PECOS MUNI(PEQ)

TAKEOFF MINIMUMS	L
ALTERNATE MINIMUMS	M
IAPS	 RNAV (GPS) RWY 14351
	RNAV (GPS) RWY 32352

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TAKEOFF MINIMUMS		L	ROBSTOWN, TX		
ALTERNATE MINIMUMS		M	NUECES COUNTY(RBO)		
STARS ... CRVZA TWO (RNAV)		Z4	TAKEOFF MINIMUMS		L
DNKIN TWO (RNAV)		Z7	ALTERNATE MINIMUMS		M
POPPO TWO (RNAV)		Z17	IAPS RNAV (GPS) RWY 13		380
QERVO THREE (RNAV)		Z21	RNAV (GPS) RWY 31		381
IAPS RNAV (GPS) RWY 34		353	ROCKPORT, TX		
DPS ALISS SEVEN (RNAV)		354	ARANSAS COUNTY(RKP)		
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SNIDR TWO (RNAV)		356	ALTERNATE MINIMUMS		M
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YODUH TWO (RNAV)		358	RNAV (GPS) RWY 18		383
PORT ARANSAS, TX			RNAV (GPS) RWY 32		384
MUSTANG BEACH(RAS)			RNAV (GPS) RWY 36		385
TAKEOFF MINIMUMS		L	VOR OR TACAN-A		386
ALTERNATE MINIMUMS		M	ROCKSPRINGS, TX		
IAPS RNAV (GPS) RWY 12		359	EDWARDS COUNTY(ECU)		
RNAV (GPS) RWY 30		360	TAKEOFF MINIMUMS		L
PORT ISABEL, TX			ALTERNATE MINIMUMS		M
CAMERON COUNTY(PIL)			IAPS RNAV (GPS) RWY 14		387
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IAPS RNAV (GPS) RWY 13		361	---SEE MONAHAN, TX		
VOR-A		362	SAN ANGELO, TX		
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PRESIDIO LELY INTL(PRS)			TAKEOFF MINIMUMS		L
TAKEOFF MINIMUMS		L	ALTERNATE MINIMUMS		M
IAPS RNAV (GPS)-A		363	HOT SPOT		P
RANDOLPH AFB(KRND)			IAPS ILS OR LOC RWY 03		389
UNIVERSAL CITY, TX			RNAV (GPS) RWY 03		390
STARS ... CENTERPOINT THREE		Z3	RNAV (GPS) RWY 18		391
CRVZA TWO (RNAV)		Z4	RNAV (GPS) RWY 21		392
DNKIN TWO (RNAV)		Z7	RNAV (GPS) RWY 36		393
LEMIG TWO		Z13	VOR Y OR TACAN Y RWY 03		394
MARCS TWO		Z14	VOR Y RWY 21		395
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QERVO THREE (RNAV)		Z21	REAGAN COUNTY		
STONEWALL TWO		Z26	---SEE BIG LAKE, TX		
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RNAV (GPS) RWY 33L		370			
RNAV (GPS) RWY 33R		371			
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TACAN RWY 33L		373			
AIRPORT DIAGRAM		374			
DPS ALISS SEVEN (RNAV)		375			
SLENA TWO (RNAV)		376			
SNIDR TWO (RNAV)		377			
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SAN ANTONIO, TX

BOERNE STAGE AIRFIELD(5C1)

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ALTERNATE MINIMUMS		M
STARS		CRVZA TWO (RNAV) Z4
		DNKIN TWO (RNAV) Z7
		POPPO TWO (RNAV) Z17
		QERVO THREE (RNAV) Z21
IAPS	.....	RNAV (GPS) RWY 17 397
		RNAV (GPS) RWY 35 398
AIRPORT DIAGRAM	.....	399
DPS	.....	ALISS SEVEN (RNAV) 400
		SLENA TWO (RNAV) 401
		SNIDR TWO (RNAV) 402
		TJANO TWO (RNAV) 403
		YODUH TWO (RNAV) 404

SAN ANTONIO INTL(SAT)

TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
HOT SPOT		P
STARS		CENTERPOINT THREE Z3
		CRVZA TWO (RNAV) Z4
		DNKIN TWO (RNAV) Z7
		LEMIG TWO Z13
		MARCS TWO Z14
		POPPO TWO (RNAV) Z17
		QERVO THREE (RNAV) Z21
		STONEWALL TWO Z26
IAPS		ILS OR LOC RWY 04 405
		ILS OR LOC RWY 13R 406
		ILS OR LOC RWY 31L 407
		ILS RWY 13R (CAT II) 408
		RNAV (RNP) X RWY 22 409
		RNAV (RNP) Z RWY 04 410
		RNAV (RNP) Z RWY 13R 411
		RNAV (RNP) Z RWY 22 412
		RNAV (RNP) Z RWY 31L 413
		RNAV (GPS) Y RWY 04 414
		RNAV (GPS) Y RWY 13R 415
		RNAV (GPS) Y RWY 22 416
		RNAV (GPS) Y RWY 31L 417
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		ALISS SEVEN (RNAV) 421
		BOWIE EIGHT 422
		LEJON FIVE 424
		SLENA TWO (RNAV) 425
		SNIDR TWO (RNAV) 426
		TJANO TWO (RNAV) 427
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SAN ANTONIO, TX (CON'T)

STINSON MUNI(SSF)

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		CRVZA TWO (RNAV) Z4
		DNKIN TWO (RNAV) Z7
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		POPPO TWO (RNAV) Z17
		QERVO THREE (RNAV) Z21
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		LEJON FIVE 438
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		SNIDR TWO (RNAV) 440
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---SEE KELLY FLD

SAN MARCOS RGNL

---SEE AUSTIN, TX

SAN SABA, TX

SAN SABA COUNTY MUNI(81R)

TAKEOFF MINIMUMS	.....	L
IAPS	.....	RNAV (GPS) RWY 13 443
		RNAV (GPS) RWY 31 444

SINTON, TX

SINTON(T69)

TAKEOFF MINIMUMS	.....	L
ALTERNATE MINIMUMS	.....	M
IAPS	.....	RNAV (GPS) RWY 14 445
		RNAV (GPS) RWY 32 446
		VOR RWY 14 447

SKYLARK FLD

---SEE KILLEEN, TX

SMITHVILLE, TX

SMITHVILLE CRAWFORD MUNI(84R)

TAKEOFF MINIMUMS	.....	L
IAPS	.....	RNAV (GPS) RWY 17 448
		RNAV (GPS) RWY 35 449

SONORA, TX

SONORA MUNI(SOA)

TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
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SOUTH TEXAS INTL AT EDINBURG

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TAYLOR MUNI(T74)			ALTERNATE MINIMUMS		
TAKEOFF MINIMUMS			RADAR MINIMUMS		
ALTERNATE MINIMUMS			IAPS RNAV (GPS) RWY 17		
STARS BLEWE FIVE			RNAV (GPS) RWY 35		
GABOO ONE (RNAV)			VOR RWY 17		
POTRR TWO (RNAV)			TSTC WACO(CNW)		
SZAGI THREE (RNAV)			TAKEOFF MINIMUMS		
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VOR RWY 17			RADAR MINIMUMS		
DPS AEROZ TWO (RNAV)			IAPS ILS OR LOC RWY 17L		
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ILEXY FOUR (RNAV)			AIRPORT DIAGRAM		
MUCKY THREE (RNAV)			WACO RGNL(ACT)		
SAYBR THREE (RNAV)			TAKEOFF MINIMUMS		
TEMPLE, TX			ALTERNATE MINIMUMS		
DRAUGHON-MILLER CENTRAL TEXAS RGNL(TPL)			RADAR MINIMUMS		
TAKEOFF MINIMUMS			HOT SPOT		
ALTERNATE MINIMUMS			IAPS ILS OR LOC RWY 19		
IAPS ILS OR LOC RWY 16			RNAV (GPS) RWY 01		
RNAV (GPS) RWY 16			RNAV (GPS) RWY 14		
RNAV (GPS) RWY 34			RNAV (GPS) RWY 19		
TSTC WACO			RNAV (GPS) RWY 32		
---SEE WACO, TX			VOR/DME RWY 32		
UNIVERSAL CITY, TX			VOR RWY 14		
---SEE RANDOLPH AFB			AIRPORT DIAGRAM		
UVALDE, TX			WESLACO, TX		
GARNER FLD(UVA)			MID VALLEY INTL(TXW)		
TAKEOFF MINIMUMS			TAKEOFF MINIMUMS		
ALTERNATE MINIMUMS			ALTERNATE MINIMUMS		
IAPS RNAV (GPS) RWY 33			IAPS RNAV (GPS) RWY 14		
VALLEY INTL			VOR-A		
---SEE HARLINGEN, TX			WINK, TX		
VAN HORN, TX			WINKLER COUNTY(INK)		
CULBERSON COUNTY(VHN)			TAKEOFF MINIMUMS		
TAKEOFF MINIMUMS			ALTERNATE MINIMUMS		
ALTERNATE MINIMUMS			IAPS RNAV (GPS) RWY 13		
IAPS RNAV (GPS) RWY 21			RNAV (GPS) RWY 31		
WINTERS, TX			WINKLER COUNTY		
WINTERS MUNI(77F)			---SEE WINK, TX		
TAKEOFF MINIMUMS			WINTERS, TX		
IAPS RNAV (GPS) RWY 18			WINTERS MUNI(77F)		
RNAV (GPS) RWY 36			TAKEOFF MINIMUMS		
YOAKUM, TX			IAPS RNAV (GPS) RWY 18		
YOAKUM MUNI(T85)			RNAV (GPS) RWY 36		
TAKEOFF MINIMUMS			YOAKUM, TX		
IAPS RNAV (GPS) RWY 31			YOAKUM MUNI(T85)		
			TAKEOFF MINIMUMS		
			IAPS RNAV (GPS) RWY 31		

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YOAKUM-DEFRENN AHP (FORT HOOD)(KHLR)					
FORT HOOD, TX					
TAKEOFF MINIMUMS					L
DIVERSE VECTOR AREA					L
IAPS	COPTER RNAV (GPS) RWY 34	486			
	COPTER VOR 032	487			
	COPTER NDB RWY 34	488			
AIRPORT DIAGRAM		489			
DPS	CONRA FOUR	490			
	LAMPS NINE	491			

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

 **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.

ALICE, TX**ALICE INTL (ALI)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES****ORIG-A 07SEP23 (23250) (FAA)****TAKEOFF OBSTACLE NOTES:**

Rwy 17, trees beginning 205' from DER, 254' left of centerline, up to 194' MSL.

Tree 403' from DER, 316' right of centerline, 194' MSL.

Poles beginning 601' from DER, 179' right of centerline, up to 34' AGL/204' MSL.

Tree, poles beginning 618' from DER, 139' left of centerline, up to 203' MSL.

Rwy 31, pole 2' from DER, 251' right of centerline, 4' AGL/181' MSL.

Building 159' from DER, 44' left of centerline, 187' MSL.

Vertical structure, tree beginning 388' from DER, 256' left of centerline, up to 199' MSL.

Tree 1072' from DER, 358' right of centerline, 207' MSL.

Rwy 35, vegetation 330' from DER, 287' right of centerline, 185' MSL.

Tree 1154' from DER, 69' right of centerline, 202' MSL.

Windmill 1461' from DER, 164' left of centerline, 42' AGL/214' MSL.



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**ALPINE, TX****ALPINE-CASPARIS MUNI (E38)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

AMDT 6 27JAN22 (22027) (FAA)

DEPARTURE PROCEDURE:

Use ODKAE DEPARTURE.

TAKEOFF OBSTACLE NOTES:**Rwy 1**, fence 9' from DER, 283' left of centerline, 9' AGL/4458' MSL.

Sign 13' from DER, 239' right of centerline, 4452' MSL.

Vehicle on road 85' from DER, 278' left of centerline, 15' AGL/4463' MSL.

Pole 811' from DER, 470' right of centerline, 4470' MSL.

Rwy 5, sign 13' from DER, 239' left of centerline, 4452' MSL.

Sign 18' from DER, 164' right of centerline, 4453' MSL.

Antenna, vehicle on road, pole beginning 21' from DER, 400' right of centerline, up to 25' AGL/4474' MSL.

Tree 190' from DER, 468' left of centerline, 11' AGL/4455' MSL.

Trees beginning 292' from DER, 475' left of centerline, up to 19' AGL/4462' MSL.

Poles, tree beginning 480' from DER, 187' right of centerline, up to 4478' MSL.

Pole 612' from DER, 626' left of centerline, 33' AGL/4472' MSL.

Pole 1060' from DER, 658' left of centerline, 4476' MSL.

Rwy 19, vehicle on road, sign, tree beginning 1' from DER, 165' left of centerline, up to 4526' MSL.

Terrain 57' from DER, 121' right of centerline, 4516' MSL.

Vehicle on road 74' from DER, 276' right of centerline, 15' AGL/4531' MSL.

Vehicle on road 230' from DER, 290' left of centerline, 4527' MSL.

Vehicles on road beginning 293' from DER, 277' right of centerline, up to 4535' MSL.

Vehicles on road beginning 379' from DER, 265' right of centerline, up to 4536' MSL.

Vehicle on road 420' from DER, 289' left of centerline, 4528' MSL.

Pole 536' from DER, 573' left of centerline, 4548' MSL.

Windmill, vehicle on road, poles, tree beginning 548' from DER, 183' left of centerline, up to 4554' MSL.

Poles beginning 1325' from DER, 60' right of centerline, up to 4561' MSL.

Poles beginning 1334' from DER, 279' left of centerline, up to 4556' MSL.

Pole 1565' from DER, 689' right of centerline, 4562' MSL.

Terrain 2.4 NM from DER, 2888' left of centerline, 4927' MSL.

AUSTIN, TX**AUSTIN-BERGSTROM INTL (AUS)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

AMDT 2A 22APR21 (21112) (FAA)

DEPARTURE PROCEDURE:**Rwy 36L**, climb on heading 355° to 1700 before turning left.**Rwy 36R**, climb on heading 355° to 1300 before turning left.**TAKEOFF OBSTACLE NOTES:****Rwy 18L**, lighting 10' from DER, 4' right of centerline, 1' AGL/475' MSL.

Trees beginning 491' from DER, 560' left of centerline, up to 43' AGL/499' MSL.

Tree 552' from DER, 641' right of centerline, 29' AGL/494' MSL.

Trees beginning 562' from DER, 487' left of centerline, up to 44' AGL/501' MSL.

Tree 617' from DER, 571' right of centerline, 37' AGL/495' MSL.

Trees beginning 643' from DER, 472' left of centerline, up to 517' MSL.

Tree 674' from DER, 647' right of centerline, 50' AGL/499' MSL.

Trees beginning 721' from DER, 523' right of centerline, up to 50' AGL/504' MSL.

Trees beginning 756' from DER, 495' right of centerline, up to 64' AGL/508' MSL.

Tree 1750' from DER, 523' right of centerline, 75' AGL/519' MSL.

Tree 1899' from DER, 810' right of centerline, 75' AGL/526' MSL.

Tree 2165' from DER, 458' right of centerline, 85' AGL/529' MSL.

Rwy 18R, lighting, sign beginning 10' from DER, 4' left of centerline, up to 2' AGL/489' MSL.

Tree 1006' from DER, 730' right of centerline, 519' MSL.

Trees beginning 1919' from DER, 541' left of centerline, up to 93' AGL/545' MSL.

Rwy 36L, lighting beginning 5' from DER, 5' right of centerline, up to 1' AGL/543' MSL.**Rwy 36R**, lighting 10' from DER, 5' left of centerline, 1' AGL/493' MSL.

Tree 816' from DER, 663' right of centerline, 528' MSL.

AUSTIN EXEC (EDC)**TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

ORIG-A 17AUG17 (21112) (FAA)

TAKEOFF MINIMUMS:**Rwys 16, 34**, NA-Environmental.**TAKEOFF OBSTACLE NOTES:****Rwy 31**, pole and trees beginning 900' from DER, 258' left of centerline, up to 669' MSL.

Transmission line tower 1931' from DER, 911' right of centerline, 83' AGL/670' MSL.

Transmission line tower 2325' from DER, 878' right of centerline, 89' AGL/682' MSL.

Poles beginning 2362' from DER, 590' right of centerline, up to 113' AGL/707' MSL.

Transmission line tower 2568' from DER, 1159' left of centerline, 77' AGL/697' MSL.

Transmission line tower 3692' from DER, 437' left of centerline, 122' AGL/728' MSL.

Transmission line tower 4411' from DER, 1110' left of centerline, 135' AGL/749' MSL.



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**AUSTIN, TX (CON'T)**

SAN MARCOS RGNL (HYI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2B 17AUG17 (17229) (FAA)

DEPARTURE PROCEDURE:

Rwy 31, climb heading 306° to 1500 before turning right.**Rwy 35**, climb heading 006° to 2500 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 8, sign 1' from DER, 250' left of centerline, 3' AGL/583' MSL.

Tree 942' from DER, 259' left of centerline, 612' MSL.

Rwy 13, tree 2505' from DER, 194' right of centerline, 71' AGL/637' MSL.

Tree 2615' from DER, 90' right of centerline, 75' AGL/639' MSL.

Trees beginning 2639' from DER, 139' right of centerline, up to 80' AGL/646' MSL.

Rwy 17, bush 26' from DER, 74' left of centerline, 2' AGL/576' MSL.**Rwy 26**, REIL 9' from DER, 90' right of centerline, 4' AGL/589' MSL.

Tree 1073' from DER, 684' right of centerline, 621' MSL.

Poles and trees beginning 1206' from DER, 394' right of centerline, up to 50' AGL/638' MSL.

Rwy 31, trees beginning 912' from DER, 613' right of centerline, up to 622' MSL.

Pole and tree beginning 1046' from DER, 630' right of centerline, up to 34' AGL/631' MSL.

Tree 1287' from DER, 718' left of centerline, 627' MSL.

Rwy 35, sign 25' from DER, 198' left of centerline, 3' AGL/597' MSL.

Tree 2562' from DER, 1113' left of centerline, 659' MSL.

Tree 3227' from DER, 162' left of centerline, 54' AGL/676' MSL.

Trees beginning 3540' from DER, 51' left of centerline, up to 52' AGL/687' MSL.

Tree 3655' from DER, 362' right of centerline, 54' AGL/692' MSL.

Trees beginning 3664' from DER, 11' right of centerline, up to 54' AGL/693' MSL.

Tree 3727' from DER, 81' left of centerline, 52' AGL/688' MSL.

Tree 3741' from DER, 94' left of centerline, 52' AGL/690' MSL.

Tree 3972' from DER, 40' left of centerline, 48' AGL/696' MSL.

Tree 4131' from DER, 37' right of centerline, 42' AGL/699' MSL.

Tree 4146' from DER, 33' right of centerline, 43' AGL/700' MSL.

Pole and trees beginning 4150' from DER, 15' right of centerline, up to 44' AGL/702' MSL.

Tree 4209' from DER, 10' left of centerline, 39' AGL/701' MSL.

Tree 4222' from DER, 73' right of centerline, 42' AGL/704' MSL.

Tree 4225' from DER, 25' left of centerline, 38' AGL/702' MSL.

Trees beginning 4229' from DER, 35' right of centerline, up to 47' AGL/708' MSL.

Trees beginning 4406' from DER, 160' right of centerline, up to 36' AGL/709' MSL.

Trees beginning 4426' from DER, 278' right of centerline, up to 36' AGL/711' MSL.

Pole, buildings, and trees beginning 4435' from DER, 123' right of centerline, up to 47' AGL/720' MSL.

Pole 4450' from DER, 16' left of centerline, 36' AGL/707' MSL.

Pole, telephone line, and trees beginning 4554' from DER, 10' right of centerline, up to 35' AGL/722' MSL.

Tree 4785' from DER, 1629' left of centerline, 716' MSL.

Trees beginning 5071' from DER, 1533' left of centerline, up to 49' AGL/738' MSL.

BALLINGER, TX

BRUCE FLD (E30)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22SEP11 (22139) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 17, trees beginning 1902' from DER, 661' right of centerline, up to 100' AGL/1859' MSL.**Rwy 35**, trees, building, and road beginning 29' from DER, 210' left of centerline, up to 100' AGL/1839' MSL.

Tree and poles beginning 887' from DER, 429' right of centerline, up to 37' AGL/1772' MSL.

BEEVILLE, TX

BEEVILLE MUNI (BEA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 26MAY16 (16147) (FAA)

TAKEOFF MINIMUMS:

Rwys 18, 36, NA-environmental.**Rwy 30**, 300-2 or std. w/ min. climb of 239' per NM to 700.

TAKEOFF OBSTACLE NOTES:

Rwy 12, pole, and trees beginning 64' from DER, 290' right of centerline, up to 29' AGL/272' MSL.

Tree, road, and pole beginning 153' from DER, 9' right of centerline, up to 33' AGL/275' MSL.

Trees beginning 756' from DER, 50' left of centerline, up to 279' MSL.

Trees and pole beginning 933' from DER, 30' right of centerline, up to 282' MSL.

Rwy 30, pole, tree, and building beginning 117' from DER, 290' left of centerline, up to 32' AGL/301' MSL.

Tree 1054' from DER, 574' left of centerline, 307' MSL.

Tree 1835' from DER, 452' right of centerline, 319' MSL.

Pole and trees beginning 1875' from DER, 287' left of centerline, up to 323' MSL.

Tree beginning 1907' from DER, 246' right of centerline, up to 53' AGL/339' MSL.

Trees and poles beginning 1934' from DER, 100' left of centerline, up to 336' MSL.

Tower 1.4 NM from DER, 2568' right of centerline, 230' AGL/542' MSL.



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BIG LAKE, TX

REAGAN COUNTY (E41)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 05OCT23 (23278) (FAA)

TAKEOFF MINIMUMS:

Rwys 9, 27, NA-Environmental.

DEPARTURE PROCEDURE:

Rwy 16, climb on heading 161° to 3300 before turning left

TAKEOFF OBSTACLE NOTES:

Rwy 16, trees, poles beginning 345' from DER, 148' right of centerline, up to 100' AGL/2809' MSL.

Trees, poles beginning 620' from DER, 267' left of centerline, up to 100' AGL/2809' MSL.

Trees beginning 3664' from DER, 1042' right of centerline, up to 100' AGL/2819' MSL.

Trees beginning 4050' from DER, 1261' right of centerline, up to 100' AGL/2829' MSL.

Rwy 34, trees beginning 350' from DER, 525' right of centerline, up to 100' AGL/2799' MSL.

BIGGS AAF (KBFI)

FORT BLISS, TX

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 30NOV23 (23334) (USA)

DEPARTURE PROCEDURE:

Rwy 4, climbing right turn to intercept ELP VORTAC R-330 to ELP, thence...

Rwy 22, climbing left turn to intercept ELP VORTAC R-240 to ELP, thence...

Continue climb in ELP holding pattern (hold east, left turns, 261° inbound) to cross ELP at or above MEA for route of flight before proceeding on course. Procedure NA for TACAN-only equipped aircraft.

TAKEOFF OBSTACLE NOTES:

Rwy 22, twr 1980' from DER, 841' left of centerline, 63' AGL/3962' MSL.

BRADY, TX

CURTIS FLD (BBD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 14FEB08 (22139) (FAA)

TAKEOFF MINIMUMS:

Rwys 8, 26, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 17, Light poles, trees, fence, terrain, and vehicle on road beginning 50' from DER, 362' left of centerline, up to 30' AGL/1827' MSL.

Trees beginning 17' from DER, 216' right of centerline, up to 30' AGL/1818' MSL.

BROWNSVILLE, TX

BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 13OCT16 (16287) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, trees and bushes beginning 32' from DER, 399' left of centerline, up to 30' AGL/50' MSL.

Trees, bushes, pole and building beginning 751' from DER, 191' right of centerline, up to 44' AGL/64' MSL.

Rwy 18, trees and pole beginning 58' from DER, 61' left of centerline, up to 53' AGL/78' MSL.

Trees and poles beginning 1011' from DER, 96' right of centerline, up to 44' AGL/69' MSL.

Rwy 31, airplanes on taxiway beginning 371' from DER, 563' right of centerline, up to 45' AGL/64' MSL.

Trees beginning 1141' from DER, 567' right of centerline, up to 37' AGL/52' MSL.

Rwy 36, pole and trees beginning 695' from DER, 140' right of centerline, up to 56' AGL/71' MSL.

Trees beginning 719' from DER, 84' left of centerline, up to 63' AGL/78' MSL.

BROWNWOOD, TX

BROWNWOOD RGNL (BWD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20OCT11 (11293) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, trees beginning 1523' from DER, 844' right of centerline, up to 47' AGL/1412' MSL.

Rwy 17, trees beginning 797' from DER, 649' left of centerline, up to 33' AGL/1398' MSL.

Trees beginning 691' from DER, 640' right of centerline, up to 31' AGL/1393' MSL.

Building 737' from DER, 253' right of centerline, 29' AGL/1391' MSL.

Rwy 35, trees beginning 77' from DER, 272' left of centerline, up to 49' AGL/1411' MSL.

Trees beginning 771' from DER, 282' right of centerline, up to 46' AGL/1418' MSL.



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**BURNET, TX****BURNET MUNI/KATE CRADDOCK FLD (BMQ)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES****AMDT 2A 23FEB23 (23054) (FAA)****DEPARTURE PROCEDURE:****Rwy 1**, climb on heading 013° to 1700 before turning left.**TAKEOFF OBSTACLE NOTES:****Rwy 1**, trees beginning 502' from DER, 28' left of centerline, up to 55' AGL/1355' MSL.

Trees beginning 1160' from DER, 52' right of centerline, up to 55' AGL/1335' MSL.

Trees beginning 1502' from DER, 30' left of centerline, up to 55' AGL/1375' MSL.

Rwy 19, trees beginning 158' from DER, 63' left of centerline, up to 55' AGL/1286' MSL.

Trees beginning 1194' from DER, 15' right of centerline, up to 55' AGL/1315' MSL.

CARRIZO SPRINGS, TX**DIMMIT COUNTY (CZT)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES****ORIG-A 20APR23 (23110) (FAA)****DEPARTURE PROCEDURE:****Rwy 31**, climb on heading 307° to 1200 before turning left.**TAKEOFF OBSTACLE NOTES:****Rwy 13**, fence 9' from DER, 370' right of centerline, 593' MSL.

Tree 81' from DER, 466' left of centerline, 594' MSL.

Tree 237' from DER, 413' right of centerline, 597' MSL.

Tree 267' from DER, 453' left of centerline, 598' MSL.

Trees beginning 422' from DER, 54' right of centerline, up to 603' MSL.

Rwy 31, fence 4' from DER, 352' left of centerline, 604' MSL.

Trees, buildings beginning 56' from DER, 90' right of centerline, up to 640' MSL.

Tree 224' from DER, 537' left of centerline, 644' MSL.

Tree, building beginning 326' from DER, 442' left of centerline, up to 645' MSL.

Tree 1101' from DER, 724' left of centerline, 665' MSL.

Trees beginning 1276' from DER, 255' left of centerline, up to 669' MSL.

CASTROVILLE, TX**CASTROVILLE MUNI (CVB)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES****ORIG 15OCT15 (15288) (FAA)****TAKEOFF OBSTACLE NOTES:****Rwy 16**, trees beginning 103' from DER, 361' left of centerline, up to 50' AGL/787' MSL.

Trees beginning 221' from DER, 347' right of centerline, up to 50' AGL/794' MSL.

Rwy 34, agriculture equipment beginning 1' from DER, 55' left of centerline, up to 15' AGL/790' MSL.

Road beginning 107' from DER, left and right of centerline, 15' AGL/789' MSL.

Trees beginning 1928' from DER, 5' right of centerline, up to 50' AGL/838' MSL.

Trees beginning 2322' from DER, 685' left of centerline, up to 50' AGL/851' MSL.

Pole 1483' from DER, 834' right of centerline, 37' AGL/816' MSL.

Pole 2255' from DER, 247' right of centerline, 52' AGL/831' MSL.

Antenna on silo 2239' from DER, 911' left of centerline, 88' AGL/870' MSL.

COLEMAN, TX**COLEMAN MUNI (COM)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES****ORIG-A 20FEB25 (25051) (FAA)****TAKEOFF OBSTACLE NOTES:****Rwy 15**, fence 28' from DER, 315' left of centerline, 1681' MSL.

Fence beginning 36' from DER, 393' right of centerline, up to 7' AGL/1685' MSL.

Vehicles on road beginning 440' from DER, 340' right of centerline, up to 1694' MSL.

Trees beginning 730' from DER, 28' right of centerline, up to 1700' MSL.

Rwy 33, pole 2' from DER, 17' right of centerline, 1698' MSL.

Vehicles on road 6' from DER, 499' left of centerline, 15' AGL/1714' MSL.

Pole, vehicles on road, tree beginning 88' from DER, 30' left of centerline, up to 1724' MSL.

Trees, vehicles on road beginning 485' from DER, 382' right of centerline, up to 1724' MSL.

Trees, pole beginning 561' from DER, 339' right of centerline, up to 1736' MSL.

Trees beginning 680' from DER, 531' left of centerline, up to 1730' MSL.

Trees, poles beginning 808' from DER, 501' left of centerline, up to 1740' MSL.

Poles, building beginning 1045' from DER, 253' left of centerline, up to 1743' MSL.

Crane, poles beginning 1918' from DER, 120' left of centerline, up to 42' AGL/1755' MSL.

Pole 2279' from DER, 9' right of centerline, 45' AGL/1757' MSL.

Pole 2340' from DER, 464' left of centerline, 42' AGL/1756' MSL.

Trees 4408' from DER, 1667' left of centerline, 100' AGL/1820' MSL.

Trees 4792' from DER, 1774' left of centerline, 100' AGL/1823' MSL.



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COMANCHE, TX

COMANCHE COUNTY-CITY (MKN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 30JAN20 (20030) (FAA)

DEPARTURE PROCEDURE:

Rwy 17, climb heading 173° to 2000 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 17, building, terrain, tree, vehicle on road beginning 32' from DER, 260' right of centerline, up to 1395' MSL.

Terrain, trees, pole beginning 191' from DER, 310' left of centerline, up to 1411' MSL.

Trees, pole beginning 718' from DER, 20' left of centerline, up to 1425' MSL.

Pole, trees, building beginning 784' from DER, 25' right of centerline, up to 1419' MSL.

Trees, poles beginning 1090' from DER, 25' left of centerline, up to 1430' MSL.

Tree 1382' from DER, 280' right of centerline, 1422' MSL.

Trees, poles beginning 1451' from DER, 18' right of centerline, up to 1436' MSL.

Tree 2280' from DER, 70' right of centerline, 1438' MSL.

Tree 2291' from DER, 83' left of centerline, 1436' MSL.

Trees beginning 2334' from DER, 155' right of centerline, up to 1444' MSL.

Trees beginning 2378' from DER, 56' right of centerline, up to 1446' MSL.

Trees beginning 2379' from DER, 74' left of centerline, up to 1438' MSL.

Tree 2463' from DER, 294' right of centerline, 1448' MSL.

Trees, pole beginning 2467' from DER, 62' right of centerline, up to 1463' MSL.

Tree 2558' from DER, 19' left of centerline, 1443' MSL.

Tree 2757' from DER, 314' left of centerline, 1446' MSL.

Tree 3120' from DER, 344' left of centerline, 1461' MSL.

Trees beginning 3132' from DER, 246' left of centerline, up to 1466' MSL.

Rwy 35, tree 54' from DER, 354' left of centerline, 1406' MSL.

Tree 481' from DER, 345' right of centerline, 1404' MSL.

Trees beginning 489' from DER, 436' right of centerline, up to 1408' MSL.

CORPUS CHRISTI, TX

CORPUS CHRISTI INTL (CRP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 26MAY16 (16147) (FAA)

TAKEOFF MINIMUMS:

Rwy 36, 400-2¾ or std. w/ min. climb of 235' per NM to 600.

DEPARTURE PROCEDURE:

Rwy 31, Climb heading 312° to 600 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 13, vehicles on road and wind cone beginning 2' from DER, 260' right of centerline, up to 53' MSL.

Vehicles on road 69' from DER, 337' right of centerline, 54' MSL.

Rwy 18, vehicles on road beginning 301' from DER, 103' left of centerline, up to 53' MSL.

Rwy 31, vehicles on road 22' from DER, 65' right of centerline, 58' MSL.

Poles beginning 765' from DER, 616' right of centerline, up to 36' AGL/75' MSL.

Rwy 36, vehicles on road beginning 261' from DER, 444' right of centerline, up to 52' MSL.

Vehicles on road 490' from DER, 604' left of centerline, 54' MSL.

Light poles beginning 1217' from DER, 648' right of centerline, up to 31' AGL/74' MSL.

Light poles beginning 1241' from DER, 665' left of centerline, up to 31' AGL/74' MSL.

Light pole 1294' from DER, 799' right of centerline, 31' AGL/75' MSL.

Light pole 1330' from DER, 850' left of centerline, 32' AGL/75' MSL.

Refinery 1.9 NM from DER, 180' right of centerline, 318' AGL/344' MSL.

Tower 2.1 NM from DER, 3773' left of centerline, 401' AGL/423' MSL.

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

CORPUS CHRISTI, TX

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 30NOV23 (23334) (USN)

TAKEOFF OBSTACLE NOTES:

Rwy 4, terrain 0' from DER, 500' right of centerline, 35' MSL.

Antenna 103' from DER, 417' left of centerline, 38' MSL.

Terrain 304' from DER, 500' left of centerline, 37' MSL.

Terrain 761' from DER, 704' right of centerline, 33' MSL.

Rwy 13L, terrain 0' from DER, 500' left of centerline, 35' MSL.

Antenna 57' from DER, 406' right of centerline, 22' AGL/37' MSL.

Rwy 18, terrain 0' from DER, 500' left of centerline, 35' MSL.

Pylon 4925' from DER, 382' left of centerline, 124' AGL/142' MSL.

Rwy 22, terrain 0' from DER, 500' left of centerline, 33' MSL.

Antenna 209' from DER, 474' left of centerline, 20' AGL/40' MSL.

Rwy 31R, terrain 0' from DER, 500' right of centerline, 33' MSL.

Terrain 292' from DER, 500' right of centerline, 33' MSL.

Rwy 36, terrain 0' from DER, 500' left of centerline, 36' MSL.

Terrain 300' from DER, 580' left of centerline, 36' MSL.

Antenna 568' from DER, 417' right of centerline, 38' MSL.



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COTULLA, TX

COTULLA-LA SALLE COUNTY (COT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 18SEP14 (14261) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, trees beginning 4' from DER, left and right of centerline, up to 20' AGL/465' MSL.
 Vehicles on unlit roadway, beginning 55' from DER, 507' left of centerline, up to 15' AGL/482' MSL.
 Trees beginning 142' from DER, left and right of centerline, up to 20' AGL/482' MSL.
 Trees beginning 622' from DER, left and right of centerline, up to 24' AGL/480' MSL.
 Pole 1002' from DER, 548' left of centerline, 33' AGL/488' MSL.
Rwy 31, fence .08' from DER, 310' right of centerline, 3' AGL/476' MSL.
 Trees beginning 19' from DER, left and right of centerline, up to 13' AGL/485' MSL.
 Trees beginning 178' from DER, 311' right of centerline, up to 16' AGL/490' MSL.
 Trees beginning 380' from DER, 386' right of centerline, up to 21' AGL/493' MSL.

DEL RIO, TX

DEL RIO INTL (DRT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 09SEP99 (99252) (FAA)

DEPARTURE PROCEDURE:

Rwy 13, climb to 1500 prior to left turn.

DEVINE, TX

DEVINE MUNI (23R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 12JUN25 (25163) (FAA)

TAKEOFF MINIMUMS:

Rwy 35, 300-1 or std w/min climb of 265'/NM to 900.

TAKEOFF OBSTACLE NOTES:

Rwy 17, terrain 21' from DER, 312' right of centerline, 705' MSL.
 Terrain 48' from DER, 472' right of centerline, 708' MSL.
 Trees, terrain beginning 141' from DER, 338' right of centerline, up to 41' AGL/746' MSL.
 Trees beginning 148' from DER, 379' left of centerline, up to 59' AGL/752' MSL.
 Trees beginning 419' from DER, 490' right of centerline, up to 752' MSL.
 Trees beginning 1197' from DER, 352' left of centerline, up to 756' MSL.
 Tree 1333' from DER, 122' left of centerline, 759' MSL.
 Tree 1334' from DER, 295' left of centerline, 762' MSL.
 Trees beginning 1431' from DER, 20' left of centerline, up to 45' AGL/765' MSL.
 Tree 1605' from DER, 131' right of centerline, 765' MSL.
 Trees beginning 1698' from DER, 8' right of centerline, up to 49' AGL/775' MSL.
Rwy 35, terrain 26' from DER, 187' left of centerline, 675' MSL.
 Poles, terrain, fence, trees beginning 93' from DER, 335' left of centerline, up to 40' AGL/723' MSL.
 Tree 222' from DER, 540' right of centerline, 720' MSL.
 Trees, poles beginning 323' from DER, 350' right of centerline, up to 725' MSL.
 Trees beginning 1126' from DER, 427' left of centerline, up to 732' MSL.

EAGLE PASS, TX

MAVERICK COUNTY MEML INTL (5T9)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25SEP08 (22139) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, vehicle on road 171' from DER, 393' right of centerline, 15' AGL/894' MSL.

EDINBURG, TX

SOUTH TEXAS INTL AT EDINBURG (EBG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 28SEP06 (06271) (FAA)

TAKEOFF MINIMUMS:

CAUTION: Unmarked balloon and cable to 15000' MSL in R-6317.

Rwy 14, 276/37.9 NM.

Rwy 32, 276/38.5 NM.

TAKEOFF OBSTACLE NOTES:

Rwy 14, tree 1109' from DER, 525' right of centerline, 19' AGL/108' MSL.
 Terrain 20' from DER, 312' right of centerline, 0' AGL/74' MSL.
Rwy 32, multiple poles beginning 831' from DER, 53' right of centerline, up to 32' AGL/111' MSL.
 Road 640' from DER, 671' right of centerline, 17' AGL/96' MSL.



26246



SC-3



26246



EL PASO, TX

EL PASO INTL (ELP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 20AUG15 (15232) (FAA)

TAKEOFF MINIMUMS:

Rwys 8L, 26R, NA-Environmental.

Rwy 26L, std. w/min. climb of 490' per NM to 6300.

DEPARTURE PROCEDURE:

Rwy 4, 8R, climbing right turn heading 120° and ELP R-150 to 9000, then proceed on course.

Rwy 22, 26L, climbing left turn heading 120° and ELP R-150 to 9000, then proceed on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, light poles beginning 1053' from DER, 746' left of centerline, 39' AGL/3986' MSL.

Rwy 26L, light poles beginning 1248' from DER, 614' left of centerline, up to 60' AGL/3983' MSL.

Windssock 113' from DER, 295' right of centerline, 20' AGL/3943' MSL.

Rwy 22, utility pedestal 30' from DER, 205' right of centerline, 4' AGL/3918' MSL.

FALFURRIAS, TX

BROOKS COUNTY (BKS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 07MAY09 (09127) (FAA)

TAKEOFF MINIMUMS:

Rwy 32, 400-2½ or std. w/ min. climb of 249' per NM to 600.

Rwy 35, std. w/ min. climb of 250' per NM to 800, or 500-3 w/ min. climb of 242' per NM to 800, or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 35, for climb in visual conditions: cross Brooks County Airport at or above 900 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 14, vehicle on road, 29' from DER, 499' left of centerline, 15' AGL/129' MSL.

Trees beginning 149' from DER, 523' left of centerline, up to 40' AGL/154' MSL.

Trees beginning at DER, 415' right of centerline, up to 40' AGL/149' MSL.

Rwy 17, vehicle on road, at DER, 364' left of centerline, 15' AGL/119' MSL.

Trees beginning 15' from DER, 331' right of centerline, up to 40' AGL/149' MSL.

Trees beginning 165' from DER, 126' left of centerline, up to 17' AGL/129' MSL.

Rwy 32, road and trees beginning 587' from DER, 35' right of centerline, up to 40' AGL/149' MSL.

Tower 1.9 NM from DER, 987' left of centerline, 298' AGL/418' MSL.

Rwy 35, vehicle on road, at DER, 360' right of centerline, 15' AGL/118' MSL.

Tree 1010' from DER, 278' right of centerline, 29' AGL/138' MSL.

Tower 2.6 NM from DER, 426' right of centerline, 414' AGL/539' MSL.

FORT HOOD (KILLEEN), TX

ROBERT GRAY AAF (GRK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 30NOV23 (26190) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 33, pole 974' from DER, 746' left of centerline, 35' AGL/1050' MSL.

Pole 1121' from DER, 746' left of centerline, 33' AGL/1048' MSL.

FORT STOCKTON, TX

FORT STOCKTON-PECOS COUNTY (FST)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 05SEP24 (24249) (FAA)

TAKEOFF MINIMUMS:

Rwys 7, 11, 16, 25, 29, 34, NA-Environmental.

Rwy 21, 300-1½ or std w/ min climb of 435'/NM to 3300, or 1000-3 for VCOA.

VCOA:

Rwy 21, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Fort Stockton-Pecos County airport at or above 3700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, trees beginning 22' from DER, 66' right of centerline, up to 50' AGL/3007' MSL.

Trees beginning 110' from DER, 55' left of centerline, up to 50' AGL/3007' MSL.

Rwy 12, trees beginning 53' from DER, 23' right of centerline, up to 50' AGL/3069' MSL.

Trees 112' from DER, 308' left of centerline, 50' AGL/3059' MSL.

Trees beginning 292' from DER, 44' left of centerline, up to 50' AGL/3062' MSL.

Rwy 21, trees beginning 56' from DER, 132' left of centerline, up to 50' AGL/3059' MSL.

Tree 110' from DER, 352' right of centerline, 3013' MSL.

Tree 118' from DER, 222' right of centerline, 3017' MSL.

Trees beginning 124' from DER, 468' right of centerline, up to 50' AGL/3059' MSL.

Trees 212' from DER, 77' right of centerline, 50' AGL/3062' MSL.

Trees 300' from DER, 312' left of centerline, 50' AGL/3062' MSL.

Trees 368' from DER, 287' right of centerline, 50' AGL/3066' MSL.

Trees beginning 456' from DER, 102' left of centerline, up to 50' AGL/3066' MSL.

Trees beginning 523' from DER, 107' right of centerline, up to 50' AGL/3069' MSL.

CONT



26246





26246



FORT STOCKTON, TX (CON'T)

FORT STOCKTON-PECOS COUNTY (FST) (CON'T)

Rwy 21 (CON'T), trees 767' from DER, 317' right of centerline, 50' AGL/3075' MSL.

Trees 787' from DER, 673' left of centerline, 50' AGL/3069' MSL.

Trees beginning 855' from DER, 73' left of centerline, up to 50' AGL/3072' MSL.

Trees beginning 922' from DER, 136' right of centerline, up to 50' AGL/3085' MSL.

Trees 1186' from DER, 644' left of centerline, 50' AGL/3075' MSL.

Trees beginning 1254' from DER, 43' left of centerline, up to 50' AGL/3079' MSL.

Trees beginning 1430' from DER, 14' left of centerline, up to 50' AGL/3089' MSL.

Trees beginning 1565' from DER, 195' right of centerline, up to 50' AGL/3089' MSL.

Trees beginning 1829' from DER, 194' left of centerline, up to 50' AGL/3095' MSL.

Trees 1984' from DER, 585' left of centerline, 50' AGL/3098' MSL.

Trees beginning 2052' from DER, 15' right of centerline, up to 50' AGL/3095' MSL.

Trees beginning 2072' from DER, 165' left of centerline, up to 50' AGL/3108' MSL.

Trees beginning 2472' from DER, 135' left of centerline, up to 50' AGL/3125' MSL.

Trees beginning 2715' from DER, 106' left of centerline, up to 50' AGL/3134' MSL.

Trees beginning 2830' from DER, 74' right of centerline, up to 50' AGL/3098' MSL.

Trees 2986' from DER, 1275' right of centerline, 50' AGL/3102' MSL.

Transmission lines, trees beginning 3001' from DER, 65' right of centerline, up to 105' AGL/3153' MSL.

Trees beginning 3358' from DER, 17' left of centerline, up to 50' AGL/3138' MSL.

Trees beginning 4028' from DER, 12' right of centerline, up to 50' AGL/3157' MSL.

Trees beginning 4312' from DER, 197' left of centerline, up to 50' AGL/3141' MSL.

Trees beginning 4934' from DER, 168' left of centerline, up to 50' AGL/3151' MSL.

Trees beginning 5178' from DER, 319' left of centerline, up to 50' AGL/3154' MSL.

Trees 5732' from DER, 109' left of centerline, 50' AGL/3157' MSL.

Rwy 30, trees beginning 65' from DER, 354' left of centerline, up to 2992' MSL.

Tree 172' from DER, 377' left of centerline, 2995' MSL.

FREDERICKSBURG, TX

GILLESPIE COUNTY (T82)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 25APR19 (19115) (FAA)

DEPARTURE PROCEDURE:

Rwy 14, climb heading 141° to 2400 before turning right.

Rwy 32, climb heading 321° to 2400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 14, trees beginning 32' from DER, 310' right of centerline, up to 1685' MSL.

Pole 202' from DER, 515' left of centerline, 30' AGL/1708' MSL.

Tree 325' from DER, 298' right of centerline, 1688' MSL.

Trees beginning 336' from DER, 439' left of centerline, up to 1715' MSL.

Trees beginning 437' from DER, 297' left of centerline, up to 1718' MSL.

Trees beginning 517' from DER, 323' left of centerline, up to 1723' MSL.

Tree 531' from DER, 328' right of centerline, 1694' MSL.

Rwy 32, building, trees beginning 9' from DER, 22' right of centerline, up to 31' AGL/1719' MSL.

Trees beginning 84' from DER, 7' left of centerline, up to 1726' MSL.

Tree 943' from DER, 490' right of centerline, 1720' MSL.

Pole 1028' from DER, 713' right of centerline, 45' AGL/1733' MSL.

Trees, poles beginning 1038' from DER, 113' right of centerline, up to 1735' MSL.

Trees beginning 1108' from DER, 117' left of centerline, up to 1731' MSL.

Trees, poles beginning 1201' from DER, 39' right of centerline, up to 1737' MSL.

Tree 1883' from DER, 432' right of centerline, 1742' MSL.

GEORGE WEST, TX

LIVE OAK COUNTY (8T6)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 07AUG25 (25219) (FAA)

TAKEOFF MINIMUMS:

Rwy 31, std w/min climb of 221'/NM to 1000, or 1100-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 31, climb on heading 133° to 600 before turning right.

VCOA:

Rwy 31, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Live Oak County airport at or above 1100 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 13, tree 20' from DER, 395' right of centerline, 146' MSL.

Tree 21' from DER, 333' left of centerline, 141' MSL.

Pole 59' from DER, 406' left of centerline, 34' AGL/157' MSL.

Poles, trees, vehicles on road beginning 59' from DER, 203' left of centerline, up to 35' AGL/158' MSL.

Trees beginning 94' from DER, 110' right of centerline, up to 148' MSL.

Transmission line, trees, pole beginning 410' from DER, 386' right of centerline, up to 70' AGL/181' MSL.

Transmission line, pole beginning 819' from DER, 607' right of centerline, up to 70' AGL/183' MSL.

Transmission lines beginning 1229' from DER, 607' right of centerline, up to 70' AGL/184' MSL.

Transmission lines beginning 2049' from DER, 385' right of centerline, up to 70' AGL/186' MSL.

CON'T



26246



SC-3



26246



GEORGE WEST, TX (CON'T)

LIVE OAK COUNTY (8T6) (CON'T)

Rwy 13 (CON'T), transmission line 2278' from DER, 302' left of centerline, 66' AGL/184' MSL.

Transmission line 2280' from DER, 64' left of centerline, 70' AGL/188' MSL.

Transmission line 2466' from DER, 368' left of centerline, 74' AGL/192' MSL.

Rwy 31, building 57' from DER, 484' right of centerline, 140' MSL.

Trees, vehicles on road beginning 73' from DER, 332' left of centerline, up to 26' AGL/154' MSL.

Poles, vehicles on road, trees beginning 160' from DER, 468' right of centerline, up to 163' MSL.

Trees, pole beginning 364' from DER, 400' left of centerline, up to 171' MSL.

Transmission lines, trees, poles beginning 537' from DER, 369' left of centerline, up to 70' AGL/200' MSL.

Tree 713' from DER, 599' right of centerline, 167' MSL.

Trees, poles beginning 876' from DER, 372' right of centerline, up to 168' MSL.

Transmission lines, trees, poles beginning 1137' from DER, 260' left of centerline, up to 74' AGL/204' MSL.

Trees beginning 1266' from DER, 573' right of centerline, up to 174' MSL.

GEORGETOWN, TX

GEORGETOWN EXEC (GTU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 17AUG17 (22195) (FAA)

TAKEOFF MINIMUMS:

Rwy 18, 200-1¼ or std. w/min. climb of 250' per NM to 1000.

TAKEOFF OBSTACLE NOTES:

Rwy 11, tree 11' from DER, 401' right of centerline, 786' MSL.

Poles and trees beginning 79' from DER, 136' right of centerline, up to 39' AGL/796' MSL.

Building 183' from DER, 477' left of centerline, 776' MSL.

Poles and buildings beginning 251' from DER, 424' left of centerline, up to 789' MSL.

Trees beginning 489' from DER, 226' left of centerline, up to 791' MSL.

Transmission towers, catenary, and telephone line beginning 2019' from DER, 27' left of centerline, up to 97' AGL/837' MSL.

Transmission tower and telephone line beginning 2271' from DER, 900' right of centerline, up to 826' MSL.

Tower 5361' from DER, 515' right of centerline, 179' AGL/894' MSL.

Rwy 18, REIL, vehicles on road, and tree beginning 30' from DER, 124' left of centerline, up to 784' MSL.

Tree 148' from DER, 465' left of centerline, 33' AGL/787' MSL.

Trees beginning 175' from DER, 444' right of centerline, up to 779' MSL.

Obstruction light on pole, poles, and trees beginning 300' from DER, 38' left of centerline, up to 792' MSL.

Obstruction light on pole, poles, and trees beginning 351' from DER, 19' right of centerline, up to 792' MSL.

Transmission tower 3137' from DER, 1036' left of centerline, 90' AGL/835' MSL.

Antenna on water tower 1 NM from DER, 1158' right of centerline, 163' AGL/932' MSL.

Rwy 29, bushes beginning 10' from DER, 117' left of centerline, up to 792' MSL.

Terrain 15' from DER, 91' right of centerline, 790' MSL.

Terrain 15' from DER, 191' right of centerline, 792' MSL.

Trees beginning 89' from DER, 345' left of centerline, up to 806' MSL.

Bush and tree beginning 103' from DER, 351' right of centerline, up to 23' AGL/819' MSL.

Tree 205' from DER, 403' left of centerline, 811' MSL.

Tree 260' from DER, 562' right of centerline, 824' MSL.

Trees beginning 296' from DER, 291' left of centerline, up to 819' MSL.

Trees beginning 331' from DER, 162' right of centerline, up to 828' MSL.

Trees beginning 544' from DER, 22' right of centerline, up to 833' MSL.

Trees beginning 549' from DER, 78' left of centerline, up to 821' MSL.

Pole 766' from DER, 524' right of centerline, 837' MSL.

Poles and trees beginning 787' from DER, 48' left of centerline, up to 826' MSL.

Poles and trees beginning 800' from DER, 56' right of centerline, up to 840' MSL.

Tree 1902' from DER, 923' right of centerline, 841' MSL.

Trees beginning 1958' from DER, 563' right of centerline, up to 844' MSL.

Rwy 36, building 70' from DER, 513' right of centerline, 789' MSL.

Antenna 104' from DER, 492' right of centerline, 810' MSL.

Terrain 115' from DER, 345' left of centerline, 789' MSL.

Trees beginning 143' from DER, 378' left of centerline, up to 18' AGL/810' MSL.

Pole 269' from DER, 565' left of centerline, 35' AGL/828' MSL.

Trees beginning 284' from DER, 424' right of centerline, up to 818' MSL.

Tree 322' from DER, 360' left of centerline, 831' MSL.

Pole and trees beginning 392' from DER, 301' left of centerline, up to 837' MSL.

Tower and trees beginning 510' from DER, 429' right of centerline, up to 45' AGL/823' MSL.

HAMILTON, TX

HAMILTON MUNI (MNZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 17DEC09 (09351) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 18, tree 689' from DER, 211' left of centerline, 40' AGL/1346' MSL.

Vehicle on North-South road 849' from DER, on extended centerline, 15' AGL/1321' MSL.

Rwy 36, trees beginning 621' from DER, 186' left of centerline, 40' AGL/1359' MSL.

Trees 879' from DER, 87' right of centerline, 40' AGL/1359' MSL.



26246



SC-3



26246



HARLINGEN, TX

VALLEY INTL (HRL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 11JUL24 (24193) (FAA)

TAKEOFF OBSTACLE NOTES:

- Rwy 13**, sign 28' from DER, 252' left of centerline, 6' AGL/39' MSL.
- Rwy 18L**, vehicles on road 410' from DER, 519' left of centerline, 51' MSL.
- Rwy 18R**, vehicles on road 8' from DER, 430' right of centerline, 50' MSL.
- Vehicles on roads, fences, beginning 10' from DER, 22' left of centerline, up to 50' MSL.
- Rwy 31**, NAVAID 39' from DER, 146' right of centerline, 4' AGL/35' MSL.
- Light poles 39' from DER, 114' right of centerline, 4' AGL/36' MSL.
- Light poles 40' from DER, 115' left of centerline, 3' AGL/36' MSL.
- NAVAID 53' from DER, 199' left of centerline, 4' AGL/37' MSL.
- Poles beginning 753' from DER, 541' left of centerline, up to 34' AGL/66' MSL.
- Trees beginning 982' from DER, 462' left of centerline, up to 34' AGL/74' MSL.
- Rwy 36L**, sign 23' from DER, 250' left of centerline, 3' AGL/36' MSL.
- Rwy 36R**, tree 1231' from DER, 599' right of centerline, 33' AGL/66' MSL.

HEBBRONVILLE, TX

JIM HOGG COUNTY (HBV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29JUL10 (10210) (FAA)

TAKEOFF OBSTACLE NOTES:

- Rwy 13**, trees beginning 7' from DER, 59' left of centerline, up to 25' AGL/694' MSL.
- Rwy 31**, trees beginning 112' from DER, 274' right of centerline to 438' left of centerline, up to 12' AGL/681' MSL. Pole 801' from DER, 374' right of centerline, up to 26' AGL/685' MSL.
- NDB 275' from DER, 495' left of centerline, up to 33' AGL/692' MSL.
- Vehicle on road 399' from DER, left and right of centerline, up to 15' AGL/674' MSL.

HONDO, TX

HONDO RGNL (HDO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 28JUL11 (26246) (FAA)

TAKEOFF MINIMUMS:

- Rwys 4, 22**, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

- Rwy 8**, trees 407' from DER, 243' left of centerline, 30' AGL/959' MSL.
- Rwy 17L**, vehicles on road 488' from DER, 131' right of centerline, 15' AGL/925' MSL.
- Rwy 17R**, sand storage domes beginning 3653' from DER, 838' right of centerline, up to 115' AGL/1023' MSL.
- Rwy 35R**, vehicles on road 161' from DER, 172' left of centerline, 15' AGL/943' MSL.
- Multiple trees beginning 636' from DER, 354' right of centerline, up to 26' AGL/955' MSL.
- Vehicles on road beginning 490' from DER, 122' right of centerline, 15' AGL/943' MSL.
- Rwy 26**, trees 1022' from DER, 241' right of centerline, 30' AGL/959' MSL.
- Rwy 13**, trees 726' from DER, 250' left of centerline, 30' AGL/939' MSL.

INGLESIDE, TX

INGLESIDE RGNL (TFP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 14MAY26 (26134) (FAA)

TAKEOFF OBSTACLE NOTES:

- Rwy 14**, light pole 9' from DER, 76' left of centerline, 3' AGL/15' MSL.
- Rwy 32**, light pole 10' from DER, 18' left of centerline, 2' AGL/16' MSL.

JUNCTION, TX

KIMBLE COUNTY (JCT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05MAY11 (11125) (FAA)

TAKEOFF MINIMUMS:

- Rwys 8, 26**, NA - Environmental.
- Rwy17**, std. w/min. climb of 340' per NM to 2300 or 1300-3 for climb in visual conditions.
- Rwy 35**, std. w/min. climb of 565' per NM to 2200 or 400-3 with minimum climb of 230' per NM to 2500, or 1300-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

- Rwy 17**, climb heading 172° to 2800 before proceeding on course, for climb in visual conditions cross Kimble County Airport at or above 2900 before proceeding on course.

- Rwy 35**, for climb in visual conditions cross Kimble County Airport at or above 2900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

- Rwy 17**, trees beginning abeam DER, 297' right of centerline, up to 50' AGL/1749' MSL.
- Power lines beginning 229' from DER, 370' right of centerline, up to 75' AGL/1744' MSL.
- Vehicles on road beginning 390' from DER, left and right of centerline, up to 17' AGL/1716' MSL.
- Trees beginning 1548' from DER, left and right of centerline, up to 50' AGL/2049' MSL.

CON'T



26246



SC-3



26246



JUNCTION, TX (CON'T)

KIMBLE COUNTY (JCT) (CON'T)

Rwy 17 (CON'T), radio towers beginning 4568' from DER, 736' left of centerline, up to 169' AGL/1854' MSL.

Rwy 35, power lines beginning abeam DER, 545' left of centerline, up to 75' AGL/1854' MSL.

Power lines abeam DER, 561' right of centerline, up to 75' AGL/1854' MSL.

Vehicles on road beginning 1121' from DER, left and right of centerline, up to 15' AGL/1794' MSL.

Trees beginning 1254' from DER, left and right of centerline, up to 50' AGL/2129' MSL.

KELLY FLD (KSKF)

SAN ANTONIO, TX

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25MAY17 (17145)

TAKEOFF OBSTACLE NOTES:

Rwy 34, trees 50' AGL/743' MSL, 1763' from DER, 919' left of cntrln.

KENEDY, TX

KENEDY RGNL (2R9)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 15AUG19 (19227) (FAA)

TAKEOFF MINIMUMS:

Rwy 16, 300-1¼ or std. w/min. climb of 310' per NM to 600.

Rwy 34, 400-2¼ or std. w/min. climb of 675' per NM to 600.

DEPARTURE PROCEDURE:

Rwy 34, climb heading 344° to 800 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 16, fence at DER, 293' right of centerline, 8' AGL/277' MSL.

Fence at DER, 291' left of centerline, 8' AGL/279' MSL.

Trees beginning 11' from DER, 268' right of centerline, up to 100' AGL/379' MSL.

Poles beginning 965' from DER, 352' left of centerline, up to 80' AGL/364' MSL.

Tree 1771' from DER, 937' right of centerline, 100' AGL/389' MSL.

Tree 2752' from DER, 993' right of centerline, 100' AGL/399' MSL.

Tree 3234' from DER, 1137' left of centerline, 100' AGL/409' MSL.

Tree 3408' from DER, 982' right of centerline, 100' AGL/419' MSL.

Tree 4050' from DER, 808' right of centerline, 100' AGL/429' MSL.

Tree 4523' from DER, 348' right of centerline, 100' AGL/439' MSL.

Tree 4854' from DER, 200' right of centerline, 100' AGL/449' MSL.

Tree 5091' from DER, 147' right of centerline, 100' AGL/459' MSL.

Trees beginning 5351' from DER, 18' right of centerline, up to 100' AGL/469' MSL.

Tree 5684' from DER, 983' right of centerline, 100' AGL/479' MSL.

Tree 1 NM from DER, 1953' right of centerline, 100' AGL/489' MSL.

Tree 1.1 NM from DER, 2105' right of centerline, 100' AGL/499' MSL.

Tree 1.5 NM from DER, 1603' right of centerline, 100' AGL/507' MSL.

Rwy 34, tree 51' from DER, 180' left of centerline, 100' AGL/399' MSL.

Fence 169' from DER, crossing extended runway centerline, 8' AGL/295' MSL.

Tower 1031' from DER, 2808' left of centerline, 238' AGL/678' MSL.

Tree 1457' from DER, 761' left of centerline, 100' AGL/419' MSL.

Tree 1512' from DER, 8' right of centerline, 100' AGL/409' MSL.

Tree 1615' from DER, 859' left of centerline, 100' AGL/429' MSL.

Tree 1779' from DER, 861' left of centerline, 100' AGL/439' MSL.

Tree 1902' from DER, 847' left of centerline, 100' AGL/449' MSL.

Tree 2521' from DER, 950' right of centerline, 100' AGL/429' MSL.

Tree 3594' from DER, 1437' right of centerline, 100' AGL/459' MSL.

Tree 4395' from DER, 107' left of centerline, 100' AGL/469' MSL.

Tree 4834' from DER, 178' left of centerline, 100' AGL/479' MSL.

Tree 5227' from DER, 352' left of centerline, 100' AGL/489' MSL.

Tree 5720' from DER, 153' left of centerline, 100' AGL/499' MSL.

Trees beginning 1 NM from DER, 24' left of centerline, up to 100' AGL/519' MSL.

Trees beginning 1.1 NM from DER, 4' right of centerline, up to 100' AGL/529' MSL.

Tower, trees beginning 1.4 NM from DER, 86' left of centerline, up to 238' AGL/628' MSL.

KERRVILLE, TX

KERRVILLE MUNI/LOUIS SCHREINER FLD (ERV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 03JAN19 (22139) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, 500-3 w/min. climb of 390' per NM to 2600, or std. w/min. climb of 455' per NM to 2400 or 1300-3 for VCOA.

Rwy 30, std. w/min. climb of 215' per NM to 2300 or 1300-3 for VCOA.

VCOA:

Rwys 3, 30, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Kerrville Muni/Louis Schreiner Fld at or above 2800 before proceeding on course.

CON'T



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**KERRVILLE, TX (CON'T)****KERRVILLE MUNI/LOUIS SCHREINER FLD (ERV) (CON'T)****TAKEOFF OBSTACLE NOTES:**

Rwy 3, tree 23' from DER, 465' left of centerline, 41' AGL/1631' MSL.
 Terrain 25' from DER, 401' right of centerline, 1635' MSL.
 Terrain 36' from DER, 505' right of centerline, 1647' MSL.
 Vehicles on road, terrain beginning 45' from DER, 310' right of centerline, up to 1649' MSL.
 Trees beginning 239' from DER, 445' left of centerline, up to 47' AGL/1640' MSL.
 Vehicle on road, terrain beginning 296' from DER, 352' right of centerline, up to 1650' MSL.
 Trees beginning 436' from DER, 344' left of centerline, up to 66' AGL/1664' MSL.
 Vehicles on road, terrain beginning 496' from DER, 311' right of centerline, up to 1652' MSL.
 Trees, vehicles on road beginning 853' from DER, 117' right of centerline, up to 38' AGL/1673' MSL.
 Trees beginning 895' from DER, 46' right of centerline, up to 31' AGL/1675' MSL.
 Trees beginning 985' from DER, 96' right of centerline, up to 26' AGL/1678' MSL.
 Trees beginning 1030' from DER, 198' right of centerline, up to 41' AGL/1684' MSL.
 Poles, vehicles on road, transmission line, trees beginning 1176' from DER, 11' right of centerline, up to 55' AGL/1715' MSL.
 Pole 1434' from DER, 418' left of centerline, 58' AGL/1672' MSL.
 Transmission line, pole beginning 1440' from DER, 414' left of centerline, up to 59' AGL/1674' MSL.
 Pole 1523' from DER, 772' left of centerline, 63' AGL/1698' MSL.
 Transmission line, trees, windmill, pole, vehicle on road beginning 1525' from DER, 28' left of centerline, up to 64' AGL/1705' MSL.
 Trees, vehicles on road, fence beginning 2019' from DER, 37' right of centerline, up to 33' AGL/1742' MSL.
 Trees, terrain beginning 2581' from DER, 576' right of centerline, up to 1743' MSL.
 Trees beginning 2717' from DER, 540' left of centerline, up to 29' AGL/1708' MSL.
 Trees, fence beginning 2978' from DER, 804' left of centerline, up to 37' AGL/1733' MSL.
 Trees beginning 3253' from DER, 920' left of centerline, up to 30' AGL/1738' MSL.
 Trees, pole beginning 3636' from DER, 1190' left of centerline, up to 33' AGL/1742' MSL.
 Tree 3905' from DER, 1490' right of centerline, 30' AGL/1751' MSL.
 Trees beginning 4069' from DER, 920' right of centerline, up to 16' AGL/1753' MSL.
 Trees beginning 4108' from DER, 1199' right of centerline, up to 27' AGL/1773' MSL.
 Tree 4291' from DER, 1344' right of centerline, 23' AGL/1776' MSL.
 Trees beginning 4312' from DER, 1120' right of centerline, up to 23' AGL/1796' MSL.
 Fence, tree beginning 4440' from DER, 1207' right of centerline, up to 4' AGL/1824' MSL.
 Fence, tree beginning 4504' from DER, 1136' right of centerline, up to 6' AGL/1832' MSL.
 Terrain, fence, tree beginning 4610' from DER, 1475' right of centerline, up to 1869' MSL.
 Trees, fence, terrain beginning 4656' from DER, 347' right of centerline, up to 14' AGL/1879' MSL.
 Poles beginning 4892' from DER, 1415' left of centerline, up to 40' AGL/1753' MSL.
 Pole, trees beginning 5066' from DER, 1275' left of centerline, up to 39' AGL/1758' MSL.
 Pole, tree beginning 5204' from DER, 1373' left of centerline, up to 37' AGL/1760' MSL.
 Tree 5259' from DER, 1498' left of centerline, 34' AGL/1764' MSL.
 Trees beginning 5329' from DER, 1203' left of centerline, up to 41' AGL/1769' MSL.
 Tree 5365' from DER, 1718' left of centerline, 33' AGL/1772' MSL.
 Trees, vehicle on road, poles beginning 5366' from DER, 1159' left of centerline, up to 32' AGL/1773' MSL.
 Tree 5569' from DER, 1423' left of centerline, 34' AGL/1775' MSL.
 Pole 5579' from DER, 1525' left of centerline, 28' AGL/1778' MSL.
 Pole beginning 5639' from DER, 1125' left of centerline, up to 27' AGL/1800' MSL.
 Pole, terrain, trees beginning 5667' from DER, 1228' left of centerline, up to 36' AGL/1809' MSL.
 Tree 5885' from DER, 1970' left of centerline, 28' AGL/1850' MSL.
 Trees, terrain beginning 5931' from DER, 1356' left of centerline, up to 26' AGL/1874' MSL.
 Tree 6068' from DER, 1968' left of centerline, 21' AGL/1890' MSL.
 Trees beginning 1 NM from DER, 1442' left of centerline, up to 21' AGL/1892' MSL.
 Tree, vehicle on road, terrain, fence beginning 1 NM from DER, 1349' left of centerline, up to 1924' MSL.
 Vehicle on road, tree beginning 1 NM from DER, 914' right of centerline, up to 1902' MSL.
 Vehicles on road beginning 1 NM from DER, 1170' right of centerline, up to 1903' MSL.
 Trees beginning 1 NM from DER, 991' right of centerline, up to 22' AGL/1921' MSL.
 Tree, vehicles on road beginning 1.1 NM from DER, 735' right of centerline, up to 29' AGL/1923' MSL.
 Tree, terrain beginning 1.1 NM from DER, 524' right of centerline, up to 1927' MSL.
 Trees, vehicles on road, terrain, poles beginning 1.1 NM from DER, 416' right of centerline, up to 36' AGL/1929' MSL.
 Building, trees, vehicle on road beginning 1.2 NM from DER, 1213' right of centerline, up to 32' AGL/1931' MSL.
 Trees, vehicles on road, poles, building, terrain, tank beginning 1.2 NM from DER, on and right of centerline, up to 35' AGL/1934' MSL.
 Fence, tree beginning 1.3 NM from DER, 1576' left of centerline, up to 6' AGL/1925' MSL.
 Building 1.3 NM from DER, 2597' left of centerline, 14' AGL/1934' MSL.
 Tree 1.3 NM from DER, 2558' left of centerline, 23' AGL/1943' MSL.
 Building, trees, poles, vehicles on road beginning 1.3 NM from DER, 1543' left of centerline, up to 41' AGL/1962' MSL.
 Buildings, poles, vehicles on road, trees, fence, tank, terrain beginning 1.3 NM from DER, 18' left of centerline, up to 32' AGL/1963' MSL.
 Trees, pole, vehicles on road beginning 1.4 NM from DER, 160' right of centerline, up to 31' AGL/1941' MSL.
 Trees, vehicles on road, fence beginning 1.4 NM from DER, 233' right of centerline, up to 25' AGL/1947' MSL.
 Trees, poles, vehicles on road beginning 1.5 NM from DER, 196' right of centerline, up to 25' AGL/1950' MSL.
 Poles, trees, vehicles on road, fence, terrain beginning 1.5 NM from DER, 179' right of centerline, up to 44' AGL/1961' MSL.
 Trees, vehicles on road, terrain beginning 1.6 NM from DER, 37' left of centerline, up to 25' AGL/1967' MSL.
 Trees, vehicles on road, pole beginning 1.7 NM from DER, 133' right of centerline, up to 28' AGL/1962' MSL.
 Vehicle on road, tree beginning 1.7 NM from DER, 1457' right of centerline, up to 1963' MSL.
 Trees, vehicles on road beginning 1.7 NM from DER, 1588' left of centerline, up to 18' AGL/1968' MSL.

CON'T

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**KERRVILLE, TX (CON'T)****KERRVILLE MUNI/LOUIS SCHREINER FLD (ERV) (CON'T)**

Rwy 3 (CON'T), trees, fence, vehicles on road beginning 1.7 NM from DER, 15' right of centerline, up to 22' AGL/1978' MSL.
Poles, trees, vehicles on road, terrain, building beginning 1.7 NM from DER, 196' right of centerline, up to 36' AGL/1982' MSL.

Vehicles on road, tree beginning 1.7 NM from DER, 2149' left of centerline, up to 1969' MSL.

Poles, trees, vehicles on road beginning 1.7 NM from DER, 906' left of centerline, up to 39' AGL/1976' MSL.

Pole, trees, vehicles on road beginning 1.7 NM from DER, 76' right of centerline, up to 45' AGL/1994' MSL.

Pole, tree, vehicle on road, terrain beginning 1.7 NM from DER, 17' left of centerline, up to 40' AGL/1986' MSL.

Tree, vehicle on road, tank beginning 1.8 NM from DER, 271' right of centerline, up to 36' AGL/2000' MSL.

Trees beginning 1.8 NM from DER, 88' right of centerline, up to 27' AGL/2010' MSL.

Poles, fence, buildings, trees, vehicles on road, terrain beginning 1.8 NM from DER, on centerline, up to 43' AGL/2022' MSL.

Vehicles on road, trees, pole beginning 1.8 NM from DER, 84' left of centerline, up to 1989' MSL.

Trees, poles, vehicles on road, building, terrain beginning 1.8 NM from DER, 173' left of centerline, up to 44' AGL/2003' MSL.

Tree, terrain, buildings, vehicles on road, pole beginning 1.9 NM from DER, 267' left of centerline, up to 34' AGL/2025' MSL.

Windmill, buildings, trees, terrain, vehicles on road, poles, tank, transmission line beginning 1.9 NM from DER, 34' left of centerline, up to 52' AGL/2044' MSL.

Transmission line, tree beginning 2.4 NM from DER, 1351' left of centerline, up to 116' AGL/2077' MSL.

Transmission lines, trees beginning 2.4 NM from DER, 524' left of centerline, up to 108' AGL/2078' MSL.

Transmission lines 2.5 NM from DER, 866' right of centerline, 103' AGL/2042' MSL.

Rwy 12, terrain beginning 76' from DER, 189' left of centerline, up to 1593' MSL.

Tree 289' from DER, 448' right of centerline, 32' AGL/1605' MSL.

Vehicles on road beginning 517' from DER, 617' left of centerline, up to 1608' MSL.

Tree 625' from DER, 442' right of centerline, 33' AGL/1607' MSL.

Rwy 14, fence, terrain beginning 1' from DER, 145' right of centerline, up to 1583' MSL.

Vehicles on road, sign, terrain beginning 13' from DER, 125' left of centerline, up to 1576' MSL.

Pole 838' from DER, 593' right of centerline, 35' AGL/1595' MSL.

Pole, trees beginning 893' from DER, 422' right of centerline, up to 41' AGL/1602' MSL.

Trees beginning 975' from DER, 277' right of centerline, up to 54' AGL/1608' MSL.

Trees beginning 1291' from DER, 284' right of centerline, up to 80' AGL/1610' MSL.

Tree 1439' from DER, 250' right of centerline, 89' AGL/1619' MSL.

Antenna 2904' from DER, 870' right of centerline, 102' AGL/1655' MSL.

Tree 4950' from DER, 1649' right of centerline, 48' AGL/1704' MSL.

Tree, building beginning 4963' from DER, 1520' right of centerline, up to 50' AGL/1710' MSL.

Rwy 30, vehicle on road 1' from DER, 477' left of centerline, 1577' MSL.

Tree 190' from DER, 493' left of centerline, 28' AGL/1584' MSL.

Tree 210' from DER, 514' left of centerline, 41' AGL/1592' MSL.

Pole, tree, building, lighting beginning 244' from DER, 208' left of centerline, up to 33' AGL/1594' MSL.

Fence beginning 324' from DER, 330' right of centerline, up to 11' AGL/1582' MSL.

Vehicles on road, fence beginning 329' from DER, 271' right of centerline, up to 1592' MSL.

Tree 404' from DER, 521' right of centerline, 35' AGL/1610' MSL.

Trees, poles beginning 407' from DER, 412' left of centerline, up to 51' AGL/1598' MSL.

Poles, building, trees beginning 443' from DER, 32' right of centerline, up to 39' AGL/1615' MSL.

Tree 599' from DER, 500' left of centerline, 51' AGL/1605' MSL.

Trees beginning 621' from DER, 19' left of centerline, up to 51' AGL/1606' MSL.

Trees beginning 874' from DER, 104' left of centerline, up to 83' AGL/1614' MSL.

Tree 1748' from DER, 937' left of centerline, 93' AGL/1619' MSL.

KILLEEN, TX**SKYLARK FLD (ILE)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES****AMDT 2 15JAN09 (21224) (FAA)****DEPARTURE PROCEDURE:**

Rwy 19, climb heading 190° to 1900 before turning east.

TAKEOFF OBSTACLE NOTES:

Rwy 1, multiple poles beginning 317' from DER, 384' left of centerline, up to 27' AGL/868' MSL.

Tree, 973' from DER, 100' left of centerline, 28' AGL/876' MSL.

Building, 486' from DER, 9' right of centerline, 13' AGL/854' MSL.

Antenna, 351' from DER, 277' right of centerline, 11' AGL/852' MSL.

Rwy 19, pole, 288' from DER, 588' right of centerline, 32' AGL/880' MSL.

Building, 102' from DER, 411' right of centerline, 8' AGL/856' MSL.

Vehicle on road, 232' from DER, 499' right of centerline, 15' AGL/867' MSL.

Pole, 256' from DER, 497' left of centerline, 32' AGL/873' MSL.

Building, 276' from DER, 342' left of centerline, 11' AGL/859' MSL.

Building, 298' from DER, 83' left of centerline, 9' AGL/857' MSL.



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KINGSVILLE NAS (KNQI)

KINGSVILLE, TX

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 16JUL20 (20198)

TAKEOFF OBSTACLE NOTES:

Rwy 13R, terrain 0' from DER, 500' right of cntrln, 0' AGL/45' MSL.**Rwy 17L**, terrain 0' from DER, 500' left of cntrln, 0' AGL/56' MSL.

Terrain 328' from DER, 500' left of cntrln, 0' AGL/59' MSL.

Rwy 17R, tower 559' from DER, 1' left of cntrln, 5' AGL/56' MSL.

Terrain 0' from DER, 500' right of cntrln, 0' AGL/60' MSL.

Terrain 281' from DER, 500' right of cntrln, 0' AGL/60' MSL.

Rwy 31L, terrain 0' from DER, 500' left of cntrln, 0' AGL/52' MSL.

KINGSVILLE, TX

KLEBERG COUNTY (IKG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29JUL10 (10210) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, trees beginning 528' from DER, 515' right of centerline, up to 35' AGL/154' MSL.

Trees beginning 775' from DER, 554' left of centerline, up to 35' AGL/159' MSL.

Rwy 31, trees beginning 184' from DER, 358' right of centerline, up to 28' AGL/153' MSL.

LAGO VISTA, TX

LAGO VISTA TX/RUSTY ALLEN (RYW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 17AUG17 (22027) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 15, building 4' from DER, 157' right of centerline, 25' AGL/1225' MSL.

Building and trees beginning 18' from DER, 248' left of centerline, up to 1232' MSL.

Rwy 33, trees beginning 14' from DER, 158' right of centerline, up to 1258' MSL.

Trees beginning 44' from DER, 144' left of centerline, up to 1257' MSL.

Trees beginning 173' from DER, 315' left of centerline, up to 1262' MSL.

Trees beginning 173' from DER, 235' right of centerline, up to 1259' MSL.

Trees beginning 494' from DER, 224' right of centerline, up to 1269' MSL.

Trees beginning 624' from DER, 274' left of centerline, up to 1270' MSL.

Trees beginning 743' from DER, 159' left of centerline, up to 1273' MSL.

Tree 1430' from DER, 122' right of centerline, 1270' MSL.

Tree 1612' from DER, 132' left of centerline, 1274' MSL.

LAJITAS, TX

LAJITAS INTL (T89)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 26DEC24 (24361) (FAA)

TAKEOFF MINIMUMS:

Rwy 25, NA-Environmental.

DEPARTURE PROCEDURE:

Rwy 7, use MARFA DEPARTURE.

LAKEWAY, TX

LAKEWAY AIRPARK (3R9)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 05MAR15 (15064) (FAA)

TAKEOFF MINIMUMS:

Rwy 16, 500-2% or std. w/min. climb of 265' per NM to 1500.

DEPARTURE PROCEDURE:

Rwy 16, climb heading 165° to 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 16, trees on rising terrain beginning 26' from DER, 161' right of centerline, up to 50' AGL/975' MSL.

Building 38' from DER, 229' right of centerline, 50' AGL/989' MSL.

Tree 194' from DER, 221' left of centerline, 50' AGL/943' MSL.

Building and trees beginning 534' from DER, 165' left of centerline, 40' AGL/941' MSL.

Power lines with catenary markers beginning 776' from DER, crossing centerline, up to 80' AGL/999' MSL.

Tower 2.1 NM from DER, 1314' right of centerline, 195' AGL/1326' MSL.

Rwy 34, trees beginning abeam DER, right of centerline, up to 50' AGL/931' MSL.

Trees and buildings beginning abeam DER, 161' left of centerline, up to 50' AGL/965' MSL.

Trees and buildings on rising terrain beginning 3405' from DER, crossing centerline, up to 50' AGL/1009' MSL.



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LAMPASAS, TX

LAMPASAS (LZZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 17DEC09 (09351) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 16, building 39' from DER, 374' left of centerline, 20' AGL/1189' MSL.

Trees beginning 795' from DER, 217' right of centerline, up to 30' AGL/1189' MSL.

Rwy 34, trees beginning 657' from DER, 147' left of centerline, up to 30' AGL/1249' MSL.

LAREDO, TX

LAREDO INTL (LRD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4B 08NOV18 (18312) (FAA)

DEPARTURE PROCEDURE:

Rwy 14, climb heading 142° to 1000 before turning right.

Rwy 18L, climb heading 163° to 1200 before turning right.

Rwy 18R, climb heading 163° to 1300 before turning right.

Rwy 32, climb heading 322° to 1200 before turning left.

Rwys 36L, 36R, climb heading 358° to 1000 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 14, trees beginning 135' from DER, 298' left of centerline, up to 59' AGL/519' MSL.

Sign 226' from DER, 244' left of centerline, 14' AGL/474' MSL.

Rwy 18L, terrain beginning 48' from DER, 333' right of centerline, up to 478' MSL.

Rwy 18R, terrain beginning 4' from DER, 219' right of centerline, up to 489' MSL.

Light poles beginning 894' from DER, 344' right of centerline, up to 41' AGL/511' MSL.

Rwy 32, aircraft on taxiway beginning 50' from DER, 367' left of centerline, up to 75' AGL/584' MSL.

Trees beginning 768' from DER, 584' left of centerline, up to 59' AGL/559' MSL.

Trees beginning 88' from DER, 275' right of centerline, up to 59' AGL/559' MSL.

Rwy 36L, MALSR 5' from DER, on centerline, 5' AGL/505' MSL.

NAVAID 10' from DER, on centerline, 5' AGL/505' MSL.

Antenna on building 81' from DER, 404' left of centerline, 30' AGL/520' MSL.

Rwy 36R, terrain beginning 19' from DER, 191' left of centerline, up to 500' MSL.

Terrain beginning 176' from DER, 489' right of centerline, up to 512' MSL.

LAUGHLIN AFB (KDLF)

DEL RIO, TX

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20APR23 (23110) (USAF)

TAKEOFF OBSTACLE NOTES:

Rwy 13C, taxiing aircraft 196' from DER, 220' right of centerline, 14' AGL/1079' MSL.

Rwy 13L, taxiing aircraft 9' from DER, 204' right of centerline, 14' AGL/1076' MSL.

Rwy 13R, taxiing aircraft 1159' from DER, 175' left of centerline, 38' AGL/1108' MSL.

Taxiing aircraft 36' from DER, 181' left of centerline, 14' AGL/1090' MSL.

Taxiing aircraft 65' from DER, 301' left of centerline, 14' AGL/1090' MSL.

Taxiing aircraft 524' from DER, 605' right of centerline, 14' AGL/1093' MSL.

Rwy 31C, vehicular traffic 16' from DER, 466' right of centerline, 10' AGL/1092' MSL.

Rwy 31L, terrain 187' from DER, 550' right of centerline, 1082' MSL.

Taxiing aircraft 101' from DER, 196' right of centerline, 14' AGL/1091' MSL.

Taxiing aircraft 248' from DER, 329' right of centerline, 14' AGL/1094' MSL.

Rwy 31R, taxiing aircraft 5' from DER, 174' left of centerline, 14' AGL/1090' MSL.

Terrain 114' from DER, 522' right of centerline, 1085' MSL.

Terrain 118' from DER, 427' right of centerline, 1082' MSL.

Terrain 149' from DER, 535' right of centerline, 1085' MSL.

Terrain 170' from DER, 537' right of centerline, 1085' MSL.

Terrain 171' from DER, 515' right of centerline, 1083' MSL.

Terrain 172' from DER, 492' right of centerline, 1082' MSL.

Terrain 189' from DER, 544' right of centerline, 1085' MSL.

Terrain 228' from DER, 544' right of centerline, 1085' MSL.

Terrain 267' from DER, 532' right of centerline, 1085' MSL.

Terrain 72' from DER, 450' right of centerline, 1085' MSL.

Terrain 84' from DER, 491' right of centerline, 1085' MSL.

Terrain 96' from DER, 438' right of centerline, 1083' MSL.

Wind sock 18' from DER, 495' left of centerline, 26' AGL/1101' MSL.



26246



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LLANO, TX

LLANO MUNI (AQO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12JUN25 (25163) (FAA)

TAKEOFF MINIMUMS:

Rwys 13, 31, NA-Environmental.

DEPARTURE PROCEDURE:

Rwy 35, climb on heading 354° to 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 17, trees, vehicles on road, vegetation beginning 17' from DER, 88' left of centerline, up to 1124' MSL.
Tree 34' from DER, 162' right of centerline, 1110' MSL.
Vehicle on road 54' from DER, 345' right of centerline, 1121' MSL.
Trees beginning 77' from DER, 250' right of centerline, up to 1128' MSL.
Tree 145' from DER, 395' right of centerline, 23' AGL/1129' MSL.
Trees beginning 253' from DER, 71' right of centerline, up to 29' AGL/1134' MSL.
Pole, trees beginning 519' from DER, 516' left of centerline, up to 1130' MSL.
Rwy 35, pole 55' from DER, 463' right of centerline, 1113' MSL.
Tree 90' from DER, 466' left of centerline, 1115' MSL.
Vehicles on road, trees beginning 92' from DER, 344' left of centerline, up to 15' AGL/1119' MSL.
Building, tree beginning 258' from DER, 421' right of centerline, up to 1119' MSL.
Tree 405' from DER, 542' left of centerline, 1126' MSL.
Trees beginning 468' from DER, 277' left of centerline, up to 1129' MSL.
Trees beginning 549' from DER, 304' right of centerline, up to 1121' MSL.
Tree 751' from DER, 571' left of centerline, 1130' MSL.
Tree 1100' from DER, 429' left of centerline, 1134' MSL.
Tree 1743' from DER, 227' left of centerline, 1151' MSL.

LOCKHART, TX

LOCKHART MUNI (50R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25AUG11 (11237) (FAA)

TAKEOFF MINIMUMS:

Rwy 36, 400-3 or std. w/min. climb of 275' per NM to 1200.

DEPARTURE PROCEDURE:

Rwy 36, climb heading 355° to 1200 before turning.

TAKEOFF OBSTACLE NOTES:

Rwy 18, trees beginning 47' from DER, 267' left of centerline, up to 65' AGL/555' MSL.
Trees beginning 245' from DER, 13' right of centerline, up to 42' AGL/541' MSL.
Rwy 36, bush 51' from DER, 305' right of centerline, 8' AGL/568' MSL.
Pole 1298' from DER, 561' right of centerline, 38' AGL/568' MSL.
Tower 2.2 NM from DER, 2536' right of centerline, 378' AGL/918' MSL.

MARFA, TX

MARFA MUNI (MRF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 25FEB21 (21056) (FAA)

TAKEOFF MINIMUMS:

Rwys 9, 27, NA - Environmental.

CAUTION: Unmarked balloon and cable to 14000' MSL in R-6318.

DEPARTURE PROCEDURE:

Rwy 4, climbing right turn direct MRF VOR/DME thence...

Rwy 13, climb direct MRF VOR/DME thence...

Rwys 22, 31, climbing left turn direct MRF VOR/DME thence...

...all aircraft climb in MRF holding pattern (southeast, left turn, 313° inbound) to cross MRF VOR/DME at or above MEA for direction of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 4, vehicle on road, tree beginning 18' from DER, 319' left of centerline, up to 15' AGL/4863' MSL.
Tree 76' from DER, 504' right of centerline, 4852' MSL.
Vehicle on road, tree beginning 121' from DER, 48' left of centerline, up to 15' AGL/4864' MSL.
Vehicle on road 462' from DER, 270' left of centerline, 4866' MSL.
Vehicle on road 469' from DER, 613' right of centerline, 4863' MSL.
Vehicle on road beginning 558' from DER, 197' left of centerline, up to 4869' MSL.
Vehicle on road 709' from DER, 417' left of centerline, 4870' MSL.
Vehicle on road 744' from DER, 583' right of centerline, 4868' MSL.
Rwy 13, vehicle on road 29' from DER, 413' right of centerline, 4846' MSL.
Vehicle on road 175' from DER, 429' right of centerline, 15' AGL/4848' MSL.
Vehicle on road 513' from DER, 564' left of centerline, 4846' MSL.
Pole 1041' from DER, 572' right of centerline, 4858' MSL.
Rwy 22, vehicle on road beginning 5' from DER, 281' left of centerline, up to 15' AGL/4840' MSL.
Tree 152' from DER, 419' right of centerline, 4833' MSL.
Tank, vehicle on road beginning 340' from DER, 272' left of centerline, up to 4846' MSL.
Rwy 31, building 31' from DER, 249' right of centerline, 5' AGL/4843' MSL.



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MASON, TX

MASON COUNTY (T92)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 17AUG17 (17229) (FAA)

TAKEOFF MINIMUMS:

Rwy 36, 300-1 or std. w/ min. climb of 440' per NM to 1800.

DEPARTURE PROCEDURE:

Rwy 18, climb heading 176° to 2100' before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 18, trees beginning 469' from DER, 87' left of centerline, up to 35' AGL/1555' MSL.

Rwy 36, trees beginning 379' from DER, left and right of centerline, up to 35' AGL/1538' MSL.

T-L tower 3061' from DER, 1185' left of centerline, 95' AGL/1628' MSL.

T-L towers beginning 3625' from DER, 193' left of centerline, up to 85' AGL/1641' MSL.

T-L towers beginning 4435' from DER, 303' right of centerline, up to 90' AGL/1667' MSL.

MC ALLEN, TX

MC ALLEN INTL (MFE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 10DEC15 (23054) (FAA)

TAKEOFF MINIMUMS:

Rwy 36, 300-1½, or std. w/min. climb of 296' per NM to 500'.

TAKEOFF OBSTACLE NOTES:

Rwy 14, trees beginning 792' from DER, 593' left of centerline, up to 44' AGL/139' MSL.

Rwy 32, trees and poles beginning 709' from DER, 362' left of centerline, up to 52' AGL/157' MSL.

Tree 1019' from DER, 627' right of centerline, 42' AGL/142' MSL.

Rwy 36, pole 581' from DER, on centerline, 19' AGL/122' MSL.

Tower 198' from DER, 335' left of centerline, 38' AGL/140' MSL.

Buildings and trees beginning 652' from DER, 36' left of centerline, up to 50' AGL/155' MSL.

Towers, poles and buildings beginning 635' from DER, 25' right of centerline, up to 62' AGL/166' MSL.

Buildings 2016' from DER, 860' right of centerline, 89' AGL/197' MSL.

Buildings 1.29 NM from DER, 243' right of centerline, 263' AGL/394' MSL.

MIDLAND, TX

MIDLAND AIRPARK (MDD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 19MAR26 (26078) (FAA)

TAKEOFF MINIMUMS:

Rwy 16, 400-2½ or std w/min climb of 220' per NM to 3300.

Rwy 25, 300-1½ or std w/min climb of 230' per NM to 3100, or alternatively, with std takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1700' prior to DER.

TAKEOFF OBSTACLE NOTES:

Rwy 7, vehicles on road and tree beginning 87' from DER, 360' left of centerline, up to 2803' MSL.

Vegetation 218' from DER, 441' right of centerline, 2797' MSL.

Poles beginning 316' from DER, 443' left of centerline, up to 50' AGL/2840' MSL.

Poles beginning 1601' from DER, 252' left of centerline, up to 52' AGL/2843' MSL.

Pole 1868' from DER, 377' left of centerline, 52' AGL/2849' MSL.

Pole 2136' from DER, 343' left of centerline, 52' AGL/2855' MSL.

Pole 2403' from DER, 309' left of centerline, 52' AGL/2859' MSL.

Poles beginning 2688' from DER, 256' left of centerline, up to 52' AGL/2861' MSL.

Rwy 16, vegetation 37' from DER, 490' right of centerline, 2803' MSL.

Multiple poles beginning 196' from DER, 449' right of centerline, up to 34' AGL/2828' MSL.

Poles and trees beginning 613' from DER, 296' right of centerline, up to 42' AGL/2834' MSL.

Pole 826' from DER, 454' left of centerline, 32' AGL/2822' MSL.

Tree 856' from DER, 227' left of centerline, 2829' MSL.

Trees beginning 1098' from DER, 291' right of centerline, up to 2842' MSL.

Poles beginning 1269' from DER, 664' left of centerline, up to 51' AGL/2839' MSL.

Multiple poles beginning 1732' from DER, 669' left of centerline, up to 80' AGL/2866' MSL.

Building 2 NM from DER, 3646' left of centerline, 354' AGL/3134' MSL.

Tower 2 NM from DER, 3181' left of centerline, 354' AGL/3136' MSL.

Rwy 25, pole 104' from DER, 519' right of centerline, 67' AGL/2870' MSL.

Poles beginning 373' from DER, 316' right of centerline, up to 69' AGL/2873' MSL.

Tree and sign beginning 642' from DER, 205' left of centerline, up to 2840' MSL.

Poles, lighting, and tree beginning 644' from DER, 12' right of centerline, up to 71' AGL/2876' MSL.

Tree, pole, and lighting beginning 681' from DER, 76' left of centerline, up to 2842' MSL.

Building and trees beginning 866' from DER, 38' left of centerline, up to 40' AGL/2851' MSL.

Tower 5309' from DER, 1326' right of centerline, 137' AGL/2956' MSL.

Rwy 34, vehicles on road 572' from DER, 423' left of centerline, 2816' MSL.

Pole and trees beginning 635' from DER, 329' right of centerline, up to 51' AGL/2843' MSL.

Tree 838' from DER, 484' left of centerline, 2825' MSL.

Trees beginning 1216' from DER, 328' right of centerline, up to 2850' MSL.



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MC ALLEN, TX (CON'T)

MIDLAND INTL AIR AND SPACE PORT (MAF)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1A 22JUN17 (17173) (FAA)

TAKEOFF MINIMUMS:

Rwy 34L, 300-1½ or std. w/min. climb of 400' per NM to 3200.

Rwy 34R, 300-1½ or std. w/min. climb of 320' per NM to 3200.

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees beginning 24' from DER, 34' right of centerline, up to 40' AGL/2903' MSL.

Rods, towers and domes beginning 1231' from DER, 442' left of centerline, up to 108' AGL/2963' MSL.

Rwy 10, rods, antennas, and lights beginning 72' from DER, 40' right of centerline, up to 20' AGL/2874' MSL.

Trees, poles, and signs beginning 1296' from DER, 457' left of centerline, up to 40' AGL/2913' MSL.

Rwy 16L, signs and poles beginning 94' from DER, 20' left of centerline, up to 30' AGL/2877' MSL.

Railroad beginning 530' from DER, 17' left of centerline, 23' AGL/2869' MSL.

Vehicles on road beginning 301' from DER, 268' left of centerline, 17' AGL/2862' MSL.

Rwy 16R, pole 1794' from DER, 975' right of centerline, 55' AGL/2906' MSL.

Rwy 22, tower, poles, lights, and antenna beginning 111' from DER, 66' right of centerline, up to 102' AGL/2986' MSL.

Hangars 1112' from DER, 600' right of centerline, 55' AGL/2906' MSL.

Tower, poles, and sign beginning 83' from DER, 62' left of centerline, up to 120' AGL/2971' MSL.

Rwy 34L, drilling rigs beginning 201' from DER, 178' right of centerline, up to 165' AGL/3037' MSL.

Drilling rigs beginning 3228' from DER, 769' left of centerline, 165' AGL/3056' MSL.

Rwy 34R, vehicles on road beginning 256' from DER, 10' right of centerline, up to 17' AGL/2881' MSL.

Trees and bushes beginning 171' from DER, 80' right of centerline, up to 40' AGL/2878' MSL.

Poles and fence beginning 28' from DER, 109' right of centerline, up to 38' AGL/2903' MSL.

Fence beginning 83' from DER, 271' left of centerline, 8' AGL/2872' MSL.

Windmill, poles and trees beginning 1239' from DER, 116' left of centerline, up to 66' AGL/2913' MSL.

Drilling rig 5540' from DER, 267' left of centerline, 165' AGL/3025' MSL.

MONAHANS, TX

ROY HURD MEML (E01)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 31MAY12 (21224) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, 400-1½ or std. w/min. climb of 434' per NM to 3100.

Rwy 12, 300-1 or std. w/min. climb of 552' per NM to 2900.

TAKEOFF OBSTACLE NOTES:

Rwy 1, vehicles on road, trees, and power line and poles beginning 185' from DER, left and right of centerline, up to 40' AGL/2649' MSL.

Tower 1.2 NM from DER, 211' right of centerline, 303' AGL/2928' MSL.

Rwy 12, bush 75' from DER, 479' left of centerline, 12' AGL/2617' MSL.

Trees and a pole beginning 778' from DER, 23' right of centerline, up to 31' AGL/2641' MSL.

Trees beginning 1041' from DER, 29' left of centerline, up to 42' AGL/2652' MSL.

Tower 2283' from DER, 909' left of centerline, 130' AGL/2744' MSL.

Rwy 19, vehicle on road 215' from DER, 457' right of centerline, 15' AGL/2624' MSL.

Rwy 30, fence, railroad, poles, and trees beginning 56' from DER, 106' right of centerline, up to 44' AGL/2649' MSL.

Vehicle on road, light pole, building, and poles beginning 294' from DER, 41' left of centerline, up to 50' AGL/2655' MSL.

NEW BRAUNFELS, TX

NEW BRAUNFELS NTL (BAZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 25JUN15 (21336) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, poles beginning 1236' from DER, 277' right of centerline, up to 40' AGL/678' MSL.

Poles beginning 1238' from DER, 557' left of centerline, up to 41' AGL/677' MSL.

Trees beginning 1339' from DER, 211' right of centerline, up to 55' AGL/690' MSL.

Rwy 35, airport visual aid 56' from DER, 25' right of centerline, 3' AGL/649' MSL.

ODESSA, TX

ODESSA-SCHLEMEYER FLD (ODO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 13SEP18 (21308) (FAA)

TAKEOFF MINIMUMS:

Rwy 16, 300-2 or std. w/min. climb of 255' per NM to 3400, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient. Takeoff must occur no later than 1300 feet prior to DER.

Rwy 20, 300-2½ or std. w/min. climb of 225' per NM to 3400, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient. Takeoff must occur no later than 2100' prior to DER.

TAKEOFF OBSTACLE NOTES:

Rwy 2, vehicles on roadway 184' from DER, left and right of centerline, up to 13' AGL/3013' MSL.

Rwy 16, tower 1.5 NM from DER, 2759' right of centerline, 145' AGL/3205' MSL.

Rwy 20, tower 2.0 NM from DER, 1311' left of centerline, 340' AGL/3287' MSL.

Rwy 29, rising terrain, trees and poles beginning 8' from DER, 495' right of centerline, up 3012' MSL.

CON'T



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ODESSA, TX (CON'T)

ODESSA-SCHLEMEYER FLD (ODO) (CON'T)

Rwy 34, vehicles on roadway beginning 48' from DER, left and right of centerline, up to 16' AGL/3001' MSL.

Hangars 739' from DER, 628' left of centerline, 25' AGL/3012' MSL.

Antenna 1104' from DER, 185' right of centerline, 45' AGL/3032' MSL.

ORANGE GROVE NALF (KNOG)

ORANGE GROVE, TX

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13JUN24 (24165) (USN)

TAKEOFF OBSTACLE NOTES:

Rwy 31, terrain 0' from DER, 500' right of centerline, 260' MSL.

OZONA, TX

OZONA MUNI (OZA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10JUL03 (03191) (FAA)

TAKEOFF MINIMUMS:

Rwy 16, 300-1 or std. with a min. climb of 445' per NM to 2700.

Rwy 34, 200-1½ or std. with a min. climb of 380' per NM to 2600.

TAKEOFF OBSTACLE NOTES:

Rwy 16, trees 3686' from DER, 354' left of centerline, 100' AGL/2560' MSL.

Trees 4436' from DER, 355' left of centerline, 100' AGL/2574' MSL.

Rwy 34, trees 1363' from DER, 638' left of centerline, 100' AGL/2529' MSL.

Trees 3479' from DER, 791' left of centerline, 100' AGL/2535' MSL.

Trees 7679' from DER, 932' left of centerline, 100' AGL/2593' MSL.

PEARSALL, TX

MC KINLEY FLD (T30)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 17NOV11 (22111) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, trees beginning abeam DER, 300' left of centerline, up to 40' AGL/605' MSL.

Transmission lines beginning 1777' from DER, across centerline, up to 80' AGL/642' MSL.

Rwy 31, train on track 496' from DER, across centerline, 23' AGL/610' MSL.

Vehicle on road 291' from DER, across centerline, 15' AGL/602' MSL.

PECOS, TX

PECOS MUNI (PEQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20SEP12 (12264) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 14, bush 170' from DER, 252' right of centerline, up to 7' AGL/2607' MSL.

Rwy 32, bush 129' from DER, 348' left of centerline, up to 9' AGL/2614' MSL.

PLEASANTON, TX

PLEASANTON MUNI (PEZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20NOV08 (08325) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 16, vehicle on road 108' from DER, 285' left of centerline, 15' AGL/424' MSL.

Fence 135' from DER, 194' left of centerline, 3' AGL/412' MSL.

Fence 235' from DER, 38' right of centerline, 3' AGL/412' MSL.

Trees beginning 246' from DER, 56' left of centerline, up to 100' AGL/529' MSL.

Trees beginning 173' from DER, 154' right of centerline, up to 100' AGL/529' MSL.

Rwy 34, vehicle on road 136' from DER, left to right of centerline, up to 15' AGL/444' MSL.

Fence 191' from DER, 251' left of centerline, 3' AGL/442' MSL.

Trees beginning 210' from DER, 51' left of centerline, up to 100' AGL/539' MSL.

Tree 172' from DER, 74' right of centerline, 100' AGL/529' MSL.

PORT ARANSAS, TX

MUSTANG BEACH (RAS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 15JAN09 (09015) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 12, transmission towers and poles beginning 43' from DER, 28' right of centerline, up to 81' AGL/86' MSL. Building 2435' from DER, 967' right of centerline, 130' AGL/135' MSL.

Transmission towers and poles beginning 1141' from DER, 13' left of centerline, up to 83' AGL/88' MSL.

Rwy 30, boat 1657' from DER, 915' left of centerline, 50' AGL/50' MSL.



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PORT ISABEL, TX

CAMERON COUNTY (PIL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2B 19JUL18 (25163) (FAA)

TAKEOFF MINIMUMS:

Rwy 17, std. w/min. climb of 243' per NM to 700 or 900-3 for VCOA.**Rwy 21**, 600-3 w/min. climb of 231' per NM to 700 or std. w/min. climb of 312' per NM to 700 or 900-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 13, climb on heading 130° to 500 before turning right.**Rwy 17**, climb on heading 175° to 600 before turning right.

VCOA:

Rwy 17, obtain ATC approval for VCOA when requesting IFR clearance: climb in visual conditions to cross Cameron County airport at or above 800 before proceeding on course.**Rwy 21**, obtain ATC approval for VCOA when requesting IFR clearance: climb in visual conditions to cross Cameron County airport at or above 800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, trees beginning 15' from DER, 5' right of centerline, up to 100' AGL/117' MSL.

Trees beginning 200' from DER, 25' left of centerline, up to 100' AGL/117' MSL.

Rwy 8, trees beginning 141' from DER, 109' right of centerline, up to 100' AGL/117' MSL.

Trees beginning 142' from DER, 183' left of centerline, up to 100' AGL/117' MSL.

Rwy 13, trees beginning 6' from DER, 6' left of centerline, up to 100' AGL/117' MSL.

Trees beginning 26' from DER, 15' right of centerline, up to 100' AGL/117' MSL.

Rwy 17, trees beginning 183' from DER, 84' right of centerline, up to 100' AGL/117' MSL.

Trees beginning 185' from DER, 178' left of centerline, up to 100' AGL/117' MSL.

Rwy 21, trees beginning 90' from DER, 19' left of centerline, up to 100' AGL/117' MSL.

Trees beginning 246' from DER, 0' of centerline, up to 100' AGL/117' MSL.

Windmill 2.1 NM from DER, 2541' left of centerline, 492' AGL/512' MSL.

Windmill 2.2 NM from DER, 1999' left of centerline, 492' AGL/514' MSL.

Windmill 2.4 NM from DER, 1377' left of centerline, 499' AGL/522' MSL.

Rwy 26, trees beginning 6' from DER, 208' right of centerline, up to 100' AGL/117' MSL.

Trees beginning 7' from DER, 83' left of centerline, up to 100' AGL/117' MSL.

Rwy 35, trees beginning 158' from DER, 202' right of centerline, up to 100' AGL/114' MSL.

Trees beginning 765' from DER, 63' left of centerline, up to 100' AGL/114' MSL.

Trees beginning 3191' from DER, 61' left of centerline, up to 100' AGL/117' MSL.

PRESIDIO, TX

PRESIDIO LELY INTL (PRS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 03APR14 (14093) (FAA)

TAKEOFF MINIMUMS:

Rwy 17, std. w/min. climb of 230' per NM to 5600, or 1900-3 for climb in visual conditions.**Rwy 35**, std. w/min. climb of 280' per NM to 5700, or 1900-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 17, climbing left turn to 9000 on heading 045° and MRF VOR/DME R-185 to MRF VOR/DME, or for climb in visual conditions, cross Presidio Lely Intl airport at or above 4700, then climb to 9000 on heading 021° and MRF VOR/DME R-197 to MRF VOR/DME. When executing VCOA, notify ATC prior to departure.**Rwy 35**, climbing right turn to 9000 on heading 065° and MRF VOR/DME R-190 to MRF VOR/DME, or for climb in visual conditions, cross Presidio Lely Intl airport at or above 4700, then climb to 9000 on heading 021° and MRF VOR/DME R-197 to MRF VOR/DME. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 17, brush abeam DER, left and right of centerline, up to 10' AGL/2929' MSL.

Power line 990' from DER, 762' left of centerline, 86' AGL/3005' MSL.

Vehicles on road, 990' from DER, 762' left of centerline, 17' AGL/2936' MSL.

Rwy 35, brush abeam DER, left and right of centerline, up to 10' AGL/3089' MSL.

Powerlines beginning 2978' from DER, 749' right of centerline, up to 86' AGL/3205' MSL.

Vehicles on road, 2978' from DER, 1291' right of centerline, up to 17' AGL/3016' MSL.

ROBSTOWN, TX

NUECES COUNTY (RBO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1B 07AUG25 (25219) (FAA)

TAKEOFF MINIMUMS:

Rwy 13, std w/min climb of 267'/NM to 1400, or 1400-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 13, climb on heading 129° to 1400 before proceeding on course.**Rwy 31**, climb on heading 309° to 700 before proceeding on course.

VCOA:

Rwy 13, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Nueces County airport at or above 1300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 13, vehicles on road 137' from DER, 497' left of centerline, 15' AGL/92' MSL.

Transmission line, pole beginning 144' from DER, 516' left of centerline, up to 35' AGL/109' MSL.

Pole, vehicles on road beginning 282' from DER, 119' left of centerline, up to 39' AGL/112' MSL.

CON'T



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SC-3



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**ROBSTOWN, TX (CON'T)****NUECES COUNTY (RBO) (CON'T)**

Rwy 13 (CON'T), poles beginning 1004' from DER, 346' right of centerline, up to 112' MSL.
 Pole 1434' from DER, 779' right of centerline, 116' MSL.
 Silo 2255' from DER, 68' left of centerline, 62' AGL/136' MSL.
Rwy 31, vehicles on road 375' from DER, 474' right of centerline, 15' AGL/93' MSL.

ROCKPORT, TX**ARANSAS COUNTY (RKP)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

ORIG 15MAR07 (07074) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 14, road plus vehicle 500' from DER, 593' left of centerline, 17' AGL/40' MSL.
Rwy 18, antenna 5599' from DER, 602' left of centerline, 160' AGL/171' MSL.
Rwy 32, road plus vehicle 291' from DER, 533' left of centerline, 17' AGL/40' MSL.
Rwy 36, road plus vehicle 576' from DER, 597' left of centerline, 17' AGL/40' MSL.

ROCKSPRINGS, TX**EDWARDS COUNTY (ECU)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

ORIG 28SEP06 (06271) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 14, multiple trees beginning 1076' from DER, 22' right of centerline, up to 100' AGL/2459' MSL.
Rwy 32, fence 101' from DER, 35' left of centerline, 5' AGL/2374' MSL.
 Multiple trees beginning 318' from DER, 71' left of centerline, up to 100' AGL/2479' MSL.
 Multiple trees beginning 992' from DER, 532' right of centerline, up to 100' AGL/2479' MSL.

SAN ANGELO, TX**SAN ANGELO RGNL/MATHIS FLD (SJT)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

AMDT 1 26AUG10 (21112) (FAA)

DEPARTURE PROCEDURE:

Rwy 27, climb to 2500 before turning right.
Rwy 36, climb to 2600 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 3, fence 8' from DER, 490' right of centerline, 3' AGL/1896' MSL.
Rwy 18, multiple trees and poles beginning 112' from DER, 183' left of centerline, up to 43' AGL/1962' MSL.
 Multiple trees and poles beginning 1076' from DER, 114' right of centerline, up to 47' AGL/1966' MSL.
 Catenary 1779' from DER, 457' right of centerline, 45' AGL/1964' MSL.
Rwy 27, multiple trees beginning 482' from DER, 74' left of centerline, up to 24' AGL/1933' MSL.
 Light pole 1040' from DER, 252' left of centerline, 22' AGL/1931' MSL.
 Tree 538' from DER, 226' right of centerline, 21' AGL/1930' MSL.

SAN ANTONIO, TX**BOERNE STAGE AIRFIELD (5C1)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

ORIG-A 18JAN07 (23166) (FAA)

DEPARTURE PROCEDURE:

Rwy 17, climb heading 169° to 2000 before turning westbound.
Rwy 35, climb heading 349° to 2800 before turning westbound.

TAKEOFF OBSTACLE NOTES:

Rwy 17, tree, pole beginning 20' from DER, 34' left of centerline, up to 1446' MSL.
 Tree, pole beginning 47' from DER, 12' right of centerline, up to 1410' MSL.
 Pole, tree beginning 788' from DER, 526' left of centerline, up to 1448' MSL.
 Trees beginning 1005' from DER, 566' left of centerline, up to 1451' MSL.
 Tree 2244' from DER, 986' right of centerline, 1450' MSL.
 Tree 2327' from DER, 1069' right of centerline, 1455' MSL.
 Tree 2464' from DER, 1005' left of centerline, 1452' MSL.
 Tree 2465' from DER, 1093' right of centerline, 1457' MSL.
 Tree 2531' from DER, 1082' left of centerline, 1454' MSL.
 Trees beginning 2569' from DER, 980' right of centerline, up to 1471' MSL.
 Trees beginning 2659' from DER, 1037' right of centerline, up to 1476' MSL.
Rwy 35, building beginning 3' from DER, 221' right of centerline, up to 1400' MSL.
 Trees beginning 79' from DER, 175' right of centerline, up to 1412' MSL.
 Tree, pole beginning 103' from DER, 8' left of centerline, up to 1416' MSL.
 Trees beginning 163' from DER, 23' right of centerline, up to 1431' MSL.
 Pole, tree beginning 207' from DER, 37' left of centerline, up to 1418' MSL.
 Pole, tree beginning 246' from DER, 103' left of centerline, up to 1422' MSL.
 Trees beginning 437' from DER, 573' left of centerline, up to 1426' MSL.
 Trees beginning 584' from DER, 78' left of centerline, up to 1428' MSL.
 Trees beginning 778' from DER, 371' left of centerline, up to 1430' MSL.



26246



SC-3



26246



SAN ANTONIO, TX (CON'T)

SAN ANTONIO INTL (SAT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1B 31OCT24 (24305) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 4, tree 399' from DER, 604' left of centerline, 777' MSL.
Rwy 13R, sign 43' from DER, 256' right of centerline, 3' AGL/781' MSL.
 Antenna 1012' from DER, 729' right of centerline, 43' AGL/814' MSL.
 Tower 1034' from DER, 722' right of centerline, 50' AGL/820' MSL.
 Building 3802' from DER, 1487' right of centerline, 117' AGL/881' MSL.
Rwy 22, pole 9' from DER, 4' right of centerline, 1' AGL/787' MSL.
 Pole 10' from DER, 5' left of centerline, 1' AGL/787' MSL.
 Building, pole beginning 1198' from DER, 700' right of centerline, up to 33' AGL/825' MSL.
 Pole 2153' from DER, 937' right of centerline, 22' AGL/840' MSL.
 Pole 2209' from DER, 1041' right of centerline, 21' AGL/847' MSL.
 Pole 2276' from DER, 1086' right of centerline, 20' AGL/849' MSL.
 Sign 2713' from DER, 1034' right of centerline, 75' AGL/857' MSL.
 Poles beginning 3080' from DER, 1236' right of centerline, up to 23' AGL/869' MSL.
Rwy 31L, lighting 10' from DER, 128' right of centerline, 2' AGL/810' MSL.
 NAVAID 11' from DER, 5' left of centerline, 1' AGL/810' MSL.
 Vehicle on road 188' from DER, 474' right of centerline, 815' MSL.
 Pole 1931' from DER, 910' left of centerline, 38' AGL/867' MSL.
 Pole 2357' from DER, 913' left of centerline, 37' AGL/874' MSL.
 Sign 2435' from DER, 1042' right of centerline, 61' AGL/873' MSL.
 Tower 2767' from DER, 833' left of centerline, 45' AGL/891' MSL.
 Pole 3127' from DER, 1140' left of centerline, 42' AGL/892' MSL.
Rwy 31R, lighting 10' from DER, 92' right of centerline, 4' AGL/798' MSL.
 Sign 60' from DER, 204' left of centerline, 3' AGL/799' MSL.
 Utility building, NAVAID beginning 62' from DER, 187' left of centerline, up to 6' AGL/802' MSL.
 Tower, antenna beginning 1260' from DER, 590' left of centerline, up to 56' AGL/854' MSL.

STINSON MUNI (SSF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 07AUG25 (25219) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, std w/min climb of 230'/NM to 1900, or 1000-3 for VCOA.
Rwy 28, 300-1% or std w/min climb of 225'/NM to 900 or alternatively, with std takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1800' prior to DER.

DEPARTURE PROCEDURE:

Rwy 14, climb on heading 142° to 1200 before turning left.
Rwy 32, climb on heading 322° to 1500 before turning right.

VCOA:

Rwy 10, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Stinson Muni airport at or above 1400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 10, trees beginning 75' from DER, 399' left of centerline, up to 38' AGL/597' MSL.
 Trees, vehicles on road, poles, building beginning 246' from DER, 247' left of centerline, up to 48' AGL/601' MSL.
 Trees, poles beginning 832' from DER, 486' left of centerline, up to 607' MSL.
 Tree 1349' from DER, 660' right of centerline, 74' AGL/604' MSL.
 Tree 1546' from DER, 880' right of centerline, 80' AGL/606' MSL.
 Tower 5133' from DER, 696' left of centerline, 148' AGL/702' MSL.
Rwy 14, tree, vehicle on road beginning 9' from DER, 159' right of centerline, up to 577' MSL.
 Vehicle on road 36' from DER, 397' left of centerline, 559' MSL.
 Trees, vehicles on road, fence beginning 64' from DER, on centerline, up to 55' AGL/586' MSL.
 Vehicle on road 173' from DER, 87' left of centerline, 561' MSL.
 Trees, vehicles on road beginning 189' from DER, 1' left of centerline, up to 25' AGL/572' MSL.
 Trees beginning 255' from DER, 1' right of centerline, up to 596' MSL.
 Trees, vehicle on road beginning 334' from DER, 34' left of centerline, up to 35' AGL/574' MSL.
 Trees beginning 356' from DER, 54' left of centerline, up to 38' AGL/575' MSL.
 Tree 363' from DER, 164' left of centerline, 40' AGL/578' MSL.
 Trees beginning 366' from DER, 39' left of centerline, up to 43' AGL/579' MSL.
 Trees beginning 383' from DER, 56' left of centerline, up to 45' AGL/581' MSL.
 Trees beginning 416' from DER, 16' left of centerline, up to 584' MSL.
 Trees beginning 457' from DER, 10' left of centerline, up to 587' MSL.
 Trees, poles, buildings beginning 539' from DER, on and left of centerline, up to 598' MSL.
 Trees beginning 697' from DER, on and right of centerline, up to 39' AGL/598' MSL.
 Trees, pole beginning 740' from DER, 13' right of centerline, up to 601' MSL.
 Trees, pole beginning 746' from DER, 10' left of centerline, up to 605' MSL.
 Trees, poles beginning 828' from DER, 17' left of centerline, up to 607' MSL.
 Trees, poles, solar panels beginning 857' from DER, 4' right of centerline, up to 48' AGL/604' MSL.
 Trees beginning 941' from DER, 12' left of centerline, up to 610' MSL.
 Trees beginning 1048' from DER, 1' left of centerline, up to 77' AGL/615' MSL.
 Trees beginning 1111' from DER, 1' left of centerline, up to 80' AGL/619' MSL.
 Pole, trees beginning 1312' from DER, 9' right of centerline, up to 607' MSL.

CON'T



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SC-3



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SAN ANTONIO, TX (CON'T)

STINSON MUNI (SSF) (CON'T)

Rwy 14 (CON'T), pole 1461' from DER, 807' right of centerline, 617' MSL.
 Poles, trees beginning 1479' from DER, 41' right of centerline, up to 619' MSL.
 Poles, trees beginning 1589' from DER, 33' right of centerline, up to 620' MSL.
 Transmission line 4205' from DER, 133' right of centerline, 119' AGL/663' MSL.
Rwy 28, vehicle on road 40' from DER, 303' left of centerline, 589' MSL.
 Trees, vehicles on road, pole beginning 40' from DER, 16' left of centerline, up to 606' MSL.
 Fence 41' from DER, 30' right of centerline, 8' AGL/584' MSL.
 Vehicle on road 110' from DER, 58' right of centerline, 593' MSL.
 Vehicle on road 122' from DER, 109' right of centerline, 594' MSL.
 Vehicle on road 129' from DER, 143' right of centerline, 595' MSL.
 Poles, vehicles on road, trees beginning 142' from DER, 4' right of centerline, up to 37' AGL/619' MSL.
 Poles, trees beginning 492' from DER, 5' left of centerline, up to 613' MSL.
 Poles, trees, buildings beginning 619' from DER, 32' left of centerline, up to 44' AGL/616' MSL.
 Poles, trees, building beginning 702' from DER, 27' right of centerline, up to 41' AGL/620' MSL.
 Pole 857' from DER, 175' right of centerline, 39' AGL/621' MSL.
 Poles, buildings, trees beginning 867' from DER, 11' right of centerline, up to 624' MSL.
 Poles, trees beginning 925' from DER, 61' left of centerline, up to 41' AGL/618' MSL.
 Poles, buildings, trees beginning 1025' from DER, 57' right of centerline, up to 627' MSL.
 Tree 1077' from DER, 159' left of centerline, 41' AGL/619' MSL.
 Trees, buildings, poles beginning 1078' from DER, on centerline, up to 641' MSL.
 Trees, pole beginning 1096' from DER, 100' left of centerline, up to 42' AGL/622' MSL.
 Trees, pole beginning 1104' from DER, 111' left of centerline, up to 45' AGL/624' MSL.
 Tree 1132' from DER, 89' left of centerline, 49' AGL/629' MSL.
 Trees beginning 1147' from DER, 121' left of centerline, up to 55' AGL/634' MSL.
 Trees, poles, building beginning 1150' from DER, 13' left of centerline, up to 58' AGL/639' MSL.
 Trees, poles beginning 1460' from DER, 4' right of centerline, up to 649' MSL.
 Trees, pole beginning 1886' from DER, 219' right of centerline, up to 654' MSL.
 Trees beginning 2027' from DER, 125' right of centerline, up to 655' MSL.
 Trees beginning 2325' from DER, 135' right of centerline, up to 656' MSL.
 Trees beginning 2358' from DER, 132' left of centerline, up to 65' AGL/649' MSL.
 Tree 3569' from DER, 1381' right of centerline, 668' MSL.
 Tank 1.3 NM from DER, 1333' right of centerline, 177' AGL/802' MSL.
Rwy 32, fence beginning 18' from DER, 19' left of centerline, up to 8' AGL/578' MSL.
 Fence beginning 34' from DER, 5' right of centerline, up to 7' AGL/578' MSL.
 Pole, vehicles on road beginning 44' from DER, 48' left of centerline, up to 35' AGL/605' MSL.
 Vehicles on road beginning 55' from DER, on and right of centerline, up to 586' MSL.
 Pole, fence, trees, vehicle on road beginning 65' from DER, 25' left of centerline, up to 606' MSL.
 Trees, vehicles on road, fence, sign, pole beginning 98' from DER, 18' right of centerline, up to 43' AGL/610' MSL.
 Trees, vehicles on road beginning 181' from DER, 75' left of centerline, up to 610' MSL.
 Trees, vehicles on road beginning 236' from DER, 1' left of centerline, up to 619' MSL.
 Trees, vehicles on road beginning 311' from DER, 19' right of centerline, up to 615' MSL.
 Tree, vehicle on road beginning 432' from DER, 226' left of centerline, up to 625' MSL.
 Tree 529' from DER, 409' left of centerline, 628' MSL.
 Trees beginning 578' from DER, on and left of centerline, up to 630' MSL.
 Trees beginning 581' from DER, 73' right of centerline, up to 46' AGL/618' MSL.
 Trees beginning 619' from DER, 4' right of centerline, up to 46' AGL/619' MSL.
 Trees beginning 741' from DER, 49' right of centerline, up to 46' AGL/620' MSL.
 Trees beginning 791' from DER, 13' right of centerline, up to 50' AGL/622' MSL.
 Trees beginning 893' from DER, 24' right of centerline, up to 631' MSL.
 Trees beginning 1078' from DER, on and right of centerline, up to 635' MSL.
 Trees beginning 1470' from DER, 7' left of centerline, up to 637' MSL.
 Trees beginning 1569' from DER, 37' right of centerline, up to 65' AGL/639' MSL.
 Trees beginning 1591' from DER, 14' right of centerline, up to 68' AGL/642' MSL.
 Trees beginning 1603' from DER, 33' left of centerline, up to 646' MSL.
 Pole 2097' from DER, 504' left of centerline, 648' MSL.
 Poles, trees beginning 2164' from DER, 219' left of centerline, up to 649' MSL.
 Poles, tree beginning 2305' from DER, 260' left of centerline, up to 663' MSL.
 Poles beginning 2439' from DER, 618' left of centerline, up to 75' AGL/668' MSL.
 Antenna, tower beginning 3887' from DER, 1295' left of centerline, up to 676' MSL.

SAN SABA, TX

SAN SABA COUNTY MUNI (81R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
 ORIG 30NOV23 (23334) (FAA)
 TAKEOFF OBSTACLE NOTES:

Rwy 13, vegetation beginning 14' from DER, 182' left of centerline, up to 1244' MSL.
 Vehicle on road, fences beginning 17' from DER, 271' right of centerline, up to 1256' MSL.
 Vegetation beginning 103' from DER, 203' left of centerline, up to 4' AGL/1246' MSL.
 Poles, vehicle on road, tree beginning 215' from DER, 268' right of centerline, up to 29' AGL/1268' MSL.
 Vehicle on road beginning 462' from DER, 65' left of centerline, up to 1257' MSL.
 Tree 522' from DER, 382' left of centerline, 1265' MSL.
CON'T



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26246



SAN SABA, TX (CON'T)

SAN SABA COUNTY MUNI (81R) (CON'T)

Rwy 31, vegetation 5' from DER, 196' left of centerline, 3' AGL/1259' MSL.
 Vegetation beginning 6' from DER, 172' right of centerline, up to 1262' MSL.
 Trees, vegetation, terrain, fence beginning 7' from DER, 129' left of centerline, up to 26' AGL/1286' MSL.
 Vegetation beginning 54' from DER, 152' right of centerline, up to 4' AGL/1264' MSL.
 Vegetation beginning 95' from DER, 159' right of centerline, up to 1267' MSL.
 Vehicle on road 365' from DER, 586' right of centerline, 1276' MSL.
 Tree 464' from DER, 455' right of centerline, 1285' MSL.
 Trees, vehicle on road beginning 574' from DER, 121' right of centerline, up to 1290' MSL.

SINTON, TX

SINTON (T69)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 13NOV14 (24137) (FAA)

TAKEOFF MINIMUMS:

Rwys 3, 21, NA-Environmental.

DEPARTURE PROCEDURE:

Rwy 14, climb runway heading to 800 prior to turning east.

TAKEOFF OBSTACLE NOTES:

Rwy 32, vehicle on road 29' from DER, 308' right of centerline, 15' AGL/64' MSL.

SMITHVILLE, TX

SMITHVILLE CRAWFORD MUNI (84R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15JUN23 (23166) (FAA)

TAKEOFF MINIMUMS:

Rwy 17, 300-1¼ or std. w/min. climb of 300' per NM to 600, or 1000-3 for VCOA.

Rwy 35, 300-1¼ or std. w/min. climb of 330' per NM to 600.

DEPARTURE PROCEDURE:

Rwy 17, climb on heading 169° to 800 before turning right.

VCOA:

Rwy 17, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Smithville Crawford Muni airport at or above 1200 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 17, tree 108' from DER, 293' right of centerline, 340' MSL.
 Tree 113' from DER, 297' left of centerline, 340' MSL.
 Trees beginning 197' from DER, 296' right of centerline, up to 31' AGL/342' MSL.
 Trees beginning 302' from DER, 294' left of centerline, up to 341' MSL.
 Tree 334' from DER, 297' right of centerline, 344' MSL.
 Tree 648' from DER, 160' left of centerline, 343' MSL.
 Trees beginning 682' from DER, 7' left of centerline, up to 28' AGL/346' MSL.
 Tree 778' from DER, 131' left of centerline, 30' AGL/348' MSL.
 Tree 836' from DER, 128' left of centerline, 32' AGL/349' MSL.
 Tree 858' from DER, 119' left of centerline, 34' AGL/351' MSL.
 Tree 866' from DER, 106' right of centerline, 31' AGL/348' MSL.
 Tree 910' from DER, 120' left of centerline, 38' AGL/355' MSL.
 Tree 1040' from DER, 490' right of centerline, 366' MSL.
 Tree 1136' from DER, 251' left of centerline, 40' AGL/358' MSL.
 Tree, poles beginning 1172' from DER, 583' left of centerline, up to 363' MSL.
 Poles, catenary wires beginning 1357' from DER, 10' left of centerline, up to 388' MSL.
 Catenary wires 1390' from DER, 84' right of centerline, 50' AGL/367' MSL.
 Tower, catenary wires beginning 1393' from DER, 35' right of centerline, up to 52' AGL/369' MSL.
 Catenary wires 1396' from DER, 466' right of centerline, 374' MSL.
 Transmission line 1396' from DER, 185' right of centerline, 65' AGL/383' MSL.
 Tower, pole, catenary wires, electrical system, trees beginning 1406' from DER, 323' right of centerline, up to 384' MSL.
 Tank 4154' from DER, 773' left of centerline, 152' AGL/474' MSL.
 Water tower 4157' from DER, 771' left of centerline, 156' AGL/477' MSL.
 Tank 5314' from DER, 76' left of centerline, 165' AGL/488' MSL.
 Water tower 5322' from DER, 72' left of centerline, 166' AGL/489' MSL.
Rwy 35, fence 104' from DER, 294' left of centerline, 6' AGL/327' MSL.
 Sign, trees, vehicle on road beginning 297' from DER, 357' right of centerline, up to 34' AGL/360' MSL.
 Tree 311' from DER, 472' left of centerline, 332' MSL.
 Trees beginning 522' from DER, 53' left of centerline, up to 340' MSL.
 Trees, pole beginning 903' from DER, 65' left of centerline, up to 362' MSL.
 Trees, poles, building beginning 1075' from DER, 322' right of centerline, up to 384' MSL.
 Trees beginning 1270' from DER, 14' left of centerline, up to 40' AGL/366' MSL.
 Trees, building, pole beginning 1296' from DER, 16' right of centerline, up to 408' MSL.
 Trees, sign, pole beginning 1319' from DER, 6' left of centerline, up to 52' AGL/379' MSL.
 Trees, pole beginning 1409' from DER, 168' right of centerline, up to 412' MSL.
 Trees, terrain, poles beginning 1489' from DER, 124' right of centerline, up to 420' MSL.
 Trees, fence, terrain, building beginning 1560' from DER, 2' right of centerline, up to 426' MSL.

CON'T



26246



SC-3



26246



SMITHVILLE, TX (CON'T)

SMITHVILLE CRAWFORD MUNI (84R) (CON'T)

Rwy 35 (CON'T), trees beginning 1666' from DER, 4' left of centerline, up to 52' AGL/385' MSL.
 Trees, terrain, fence beginning 1828' from DER, 1' right of centerline, up to 434' MSL.
 Trees beginning 1884' from DER, 71' left of centerline, up to 387' MSL.
 Trees beginning 1910' from DER, 8' left of centerline, up to 56' AGL/392' MSL.
 Tree 2113' from DER, 7' left of centerline, 34' AGL/395' MSL.
 Trees, building, terrain, fence beginning 2151' from DER, 23' right of centerline, up to 56' AGL/449' MSL.
 Trees, pole beginning 2161' from DER, 47' left of centerline, up to 34' AGL/401' MSL.
 Trees, terrain, building beginning 2249' from DER, 16' left of centerline, up to 29' AGL/413' MSL.
 Trees beginning 2350' from DER, 27' left of centerline, up to 29' AGL/416' MSL.
 Trees, building beginning 2360' from DER, 64' left of centerline, up to 29' AGL/417' MSL.
 Poles, trees, terrain beginning 2439' from DER, 9' right of centerline, up to 44' AGL/455' MSL.
 Pole, tree beginning 2452' from DER, 31' left of centerline, up to 32' AGL/423' MSL.
 Trees, buildings, electrical systems, terrain, poles, fences beginning 2535' from DER, 3' left of centerline, up to 33' AGL/434' MSL.
 Trees, terrain, poles, fences, electrical system, vehicle on road beginning 2550' from DER, 7' right of centerline, up to 54' AGL/465' MSL.
 Trees, terrain, building, pole beginning 2944' from DER, 9' left of centerline, up to 33' AGL/438' MSL.
 Trees, fences beginning 2990' from DER, 84' left of centerline, up to 439' MSL.
 Tree 3039' from DER, 57' left of centerline, 35' AGL/456' MSL.
 Trees, terrain, building, poles, fence, vehicle on road, electrical system beginning 3051' from DER, 3' left of centerline, up to 467' MSL.
 Tree, vehicle on road beginning 3097' from DER, 54' right of centerline, up to 50' AGL/466' MSL.
 Trees, vehicle on road, pole, electrical systems beginning 3113' from DER, 1' right of centerline, up to 53' AGL/468' MSL.
 Trees, vehicle on road, poles beginning 3462' from DER, 3' left of centerline, up to 47' AGL/468' MSL.
 Trees, vehicle on road, poles beginning 3601' from DER, 66' right of centerline, up to 47' AGL/469' MSL.
 Trees beginning 3668' from DER, 110' left of centerline, up to 38' AGL/469' MSL.
 Trees, vehicle on road, electrical systems, terrain, pole beginning 3712' from DER, 24' right of centerline, up to 45' AGL/472' MSL.
 Trees beginning 3723' from DER, 155' left of centerline, up to 36' AGL/470' MSL.
 Trees, terrain beginning 3736' from DER, 24' left of centerline, up to 42' AGL/476' MSL.
 Trees, buildings, vehicle on road, fences, pole, terrain, electrical system beginning 3838' from DER, 3' right of centerline, up to 39' AGL/473' MSL.
 Trees beginning 3924' from DER, 107' left of centerline, up to 56' AGL/477' MSL.
 Trees beginning 3945' from DER, 3' left of centerline, up to 64' AGL/482' MSL.
 Trees beginning 4053' from DER, 23' right of centerline, up to 38' AGL/480' MSL.
 Trees, electrical system beginning 4094' from DER, 6' right of centerline, up to 36' AGL/483' MSL.
 Trees, terrain, pole beginning 4167' from DER, on centerline, up to 49' AGL/484' MSL.
 Trees beginning 4320' from DER, 5' right of centerline, up to 49' AGL/488' MSL.
 Trees, vehicle on road, pole beginning 4365' from DER, 3' right of centerline, up to 56' AGL/492' MSL.
 Trees beginning 4431' from DER, 2' left of centerline, up to 492' MSL.
 Trees, vehicle on road beginning 4781' from DER, 22' right of centerline, up to 494' MSL.
 Trees beginning 4827' from DER, 2' left of centerline, up to 55' AGL/495' MSL.
 Trees beginning 4844' from DER, 54' right of centerline, up to 36' AGL/495' MSL.
 Trees, vehicle on road beginning 4858' from DER, 306' right of centerline, up to 42' AGL/498' MSL.
 Trees, pole beginning 4861' from DER, 29' right of centerline, up to 37' AGL/506' MSL.
 Trees, vehicle on road, electrical system beginning 4889' from DER, on centerline, up to 49' AGL/517' MSL.
 Trees, poles, buildings beginning 4922' from DER, 2' left of centerline, up to 52' AGL/499' MSL.
 Trees, vehicle on road, building, terrain, pole beginning 4965' from DER, on centerline, up to 51' AGL/521' MSL.
 Trees beginning 5373' from DER, 6' left of centerline, up to 506' MSL.
 Trees beginning 5583' from DER, 245' left of centerline, up to 508' MSL.
 Trees, building beginning 5598' from DER, 1' left of centerline, up to 510' MSL.
 Trees beginning 5655' from DER, 30' left of centerline, up to 517' MSL.
 Trees beginning 5747' from DER, 478' left of centerline, up to 522' MSL.
 Trees, poles, vehicle on road, electrical systems, building beginning 5751' from DER, 12' left of centerline, up to 523' MSL.
 Trees beginning 1.3 NM from DER, 425' right of centerline, up to 545' MSL.
 Tree 1.4 NM from DER, 368' right of centerline, 551' MSL.

SONORA, TX

SONORA MUNI (SOA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 02OCT25 (25275) (FAA)

TAKEOFF MINIMUMS:

Rwy 18, 300-1¼ or std w/min climb of 566'/NM to 2400.

DEPARTURE PROCEDURE:

Rwy 18, climb on heading 182° to 2900 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 18, building 682' from DER, 6' right of centerline, 18' AGL/2154' MSL.

Buildings beginning 701' from DER, 5' left of centerline, up to 27' AGL/2163' MSL.

Building 864' from DER, 160' right of centerline, 27' AGL/2163' MSL.

Tree 2462' from DER, 1008' right of centerline, 2309' MSL.

Transmission line beginning 3966' from DER, 1215' right of centerline, up to 68' AGL/2319' MSL.

Transmission line beginning 5289' from DER, 1152' right of centerline, up to 60' AGL/2333' MSL.

CON'T



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SONORA, TX (CON'T)

SONORA MUNI (SOA) (CON'T)

Rwy 18 (CON'T), transmission line 5990' from DER, 1317' right of centerline, 67' AGL/2324' MSL.

Rwy 36, trees beginning 65' from DER, 439' right of centerline, up to 2178' MSL.

Tree 247' from DER, 338' left of centerline, 2187' MSL.

Tree 759' from DER, 509' left of centerline, 2195' MSL.

Trees beginning 1291' from DER, 613' left of centerline, up to 2271' MSL.

TAYLOR, TX

TAYLOR MUNI (T74)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 17AUG17 (17229) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 17, transmission line towers beginning 2212' from DER, 17' left of centerline, up to 50' AGL/656' MSL.

Transmission line towers beginning 2298' from DER, 463' right of centerline, up to 85' AGL/649' MSL.

Transmission line tower 2365' from DER, 1041' right of centerline, 110' AGL/661' MSL.

Rwy 35, vehicles on road 773' from DER, 544' left of centerline, 630' MSL.

Pole and tree beginning 829' from DER, 442' left of centerline, up to 28' AGL/642' MSL.

Vehicles on road 1105' from DER, 427' right of centerline, 635' MSL.

Tree 1129' from DER, 415' right of centerline, 639' MSL.

Poles beginning 1150' from DER, 474' right of centerline, up to 30' AGL/644' MSL.

TEMPLE, TX

DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 08SEP22 (22251) (FAA)

DEPARTURE PROCEDURE:

Rwy 3, climb on heading between 085° CW to 200° from DER or climb on heading between 200° CW to 345° from DER to 3600 before proceeding on course or minimum climb of 250' per NM to 3200 for all other courses.

Rwy 34, climb on heading between 070° CW to 155° from DER or climb on heading between 155° CW to 330° from DER to 3600 before proceeding on course or min. climb of 240' per NM to 3200 for all other courses.

TAKEOFF OBSTACLE NOTES:

Rwy 3, vegetation beginning 176' from DER, 416' left of centerline, up to 680' MSL.

Tree 279' from DER, 362' right of centerline, 680' MSL.

Tree 1267' from DER, 750' left of centerline, 699' MSL.

Rwy 16, vegetation 60' from DER, 209' left of centerline, 680' MSL.

Rwy 21, hangars beginning 548' from DER, 571' right of centerline, up to 18' AGL/697' MSL.

Rwy 34, tree 306' from DER, 473' right of centerline, 695' MSL.

Tree 479' from DER, 545' right of centerline, 701' MSL.

UVALDE, TX

GARNER FLD (UVA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05MAY11 (22139) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 15, trees and poles beginning 70' from DER, 374' left of centerline, up to 100' AGL/1039' MSL.

Trees and poles beginning 208' from DER, 359' right of centerline, up to 100' AGL/1059' MSL.

Rwy 33, vehicle on roadway 622' from DER, left and right of centerline, up to 15' AGL/966' MSL.

Trees beginning 744' from DER, 636' left of centerline, up to 100' AGL/1059' MSL.

Trees beginning 861' from DER, 269' right of centerline, up to 100' AGL/1049' MSL.

VAN HORN, TX

CULBERSON COUNTY (VHN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 15JUN23 (23166) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, std. w/min. climb of 445' per NM to 7400 or 2500-3 for VCOA.

Rwy 7, std. w/min. climb of 445' per NM to 11000 or 2500-3 for VCOA.

Rwy 21, std. w/min. climb of 435' per NM to 12000 or 2500-3 for VCOA.

Rwy 25, std. w/min. climb of 500' per NM to 7800 or 2500-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 3, climb on heading 035° to 7200 before proceeding on course.

Rwy 7, climb on heading 074° to 7700 before proceeding on course.

Rwy 21, climb on heading 215° to 5200 before proceeding on course.

Rwy 25, climb on heading 254° to 7500 before proceeding on course.

VCOA:

Rwys 3, 7, 21, 25, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Culberson County airport at or above 6300 before proceeding on course.

CON'T



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VAN HORN, TX (CON'T) CULBERSON COUNTY (VHN) (CON'T)

TAKEOFF OBSTACLE NOTES:

Rwy 3, tree, vegetation beginning 16' from DER, 133' right of centerline, up to 11' AGL/3928' MSL.
Trees, vegetation beginning 45' from DER, 147' left of centerline, up to 11' AGL/3929' MSL.
Tree, vehicle on road, vegetation beginning 135' from DER, 389' right of centerline, up to 17' AGL/3930' MSL.
Trees, vehicle on road beginning 248' from DER, 343' right of centerline, up to 18' AGL/3931' MSL.
Rwy 7, trees beginning 60' from DER, 12' right of centerline, up to 100' AGL/4018' MSL.
Trees 119' from DER, 215' left of centerline, 100' AGL/4015' MSL.
Trees beginning 148' from DER, 12' left of centerline, up to 100' AGL/4018' MSL.
Rwy 21, tree, vegetation beginning 49' from DER, 291' right of centerline, up to 10' AGL/3969' MSL.
Vegetation beginning 84' from DER, 404' left of centerline, up to 3961' MSL.
Trees 4132' from DER, 1604' right of centerline, 100' AGL/4090' MSL.
Rwy 25, trees, vehicle on road beginning 12' from DER, 59' right of centerline, up to 100' AGL/4060' MSL.
Trees 791' from DER, 523' right of centerline, 100' AGL/4067' MSL.
Trees 1051' from DER, 548' right of centerline, 100' AGL/4074' MSL.
Trees 1310' from DER, 573' right of centerline, 100' AGL/4077' MSL.
Trees beginning 1340' from DER, 21' right of centerline, up to 100' AGL/4080' MSL.
Trees 1629' from DER, 4' left of centerline, 100' AGL/4077' MSL.
Trees beginning 2060' from DER, 46' right of centerline, up to 100' AGL/4083' MSL.
Trees 2178' from DER, 255' left of centerline, 100' AGL/4080' MSL.
Trees beginning 2320' from DER, 71' right of centerline, up to 100' AGL/4090' MSL.
Trees beginning 2438' from DER, 229' left of centerline, up to 100' AGL/4083' MSL.
Trees beginning 2579' from DER, 97' right of centerline, up to 100' AGL/4093' MSL.
Trees beginning 2697' from DER, 178' left of centerline, up to 100' AGL/4090' MSL.
Trees beginning 2839' from DER, 122' right of centerline, up to 100' AGL/4100' MSL.
Trees beginning 3217' from DER, 153' left of centerline, up to 100' AGL/4093' MSL.
Trees beginning 3477' from DER, 77' left of centerline, up to 100' AGL/4097' MSL.
Trees beginning 3589' from DER, 198' right of centerline, up to 100' AGL/4103' MSL.
Trees beginning 4108' from DER, 249' right of centerline, up to 100' AGL/4110' MSL.
Trees beginning 4256' from DER, 51' left of centerline, up to 100' AGL/4100' MSL.
Trees beginning 4368' from DER, 24' right of centerline, up to 100' AGL/4113' MSL.
Trees beginning 4515' from DER, 1' left of centerline, up to 100' AGL/4106' MSL.
Trees beginning 5377' from DER, 75' right of centerline, up to 100' AGL/4116' MSL.
Trees beginning 5584' from DER, 226' left of centerline, up to 100' AGL/4110' MSL.
Trees 5637' from DER, 1910' right of centerline, 100' AGL/4120' MSL.
Trees beginning 5666' from DER, 100' right of centerline, up to 100' AGL/4123' MSL.
Trees beginning 5844' from DER, 175' left of centerline, up to 100' AGL/4116' MSL.
Trees beginning 5897' from DER, 125' right of centerline, up to 100' AGL/4126' MSL.
Trees beginning 1 NM from DER, 1081' right of centerline, up to 100' AGL/4129' MSL.

WACO, TX

MC GREGOR EXEC (PWG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 22JAN26 (26022) (FAA)

TAKEOFF MINIMUMS:

Rwys 4, 17, 22, 35, 300-1 or std w/min climb of 280'/NM to 3000.

DEPARTURE PROCEDURE:

Rwy 4, climb on heading 038° to 3000 before proceeding on course.

Rwys 17, 22, climbing right turn heading 228° to intercept ACT VORTAC R-195 to 3000 before proceeding on course.

Rwy 35, climb on heading 353° to 3000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees beginning 64' from DER, 27' right of centerline, up to 40' AGL/608' MSL.
Trees beginning 103' from DER, 89' left of centerline, up to 40' AGL/608' MSL.
Rwy 17, trees beginning 117' from DER, 11' right of centerline, up to 40' AGL/605' MSL.
Trees beginning 126' from DER, 53' left of centerline, up to 40' AGL/605' MSL.
Trees beginning 1326' from DER, 241' left of centerline, up to 63' AGL/610' MSL.
Trees beginning 1331' from DER, 167' right of centerline, up to 60' AGL/608' MSL.
Tree 1774' from DER, 246' right of centerline, 62' AGL/616' MSL.
Trees beginning 1805' from DER, 271' right of centerline, up to 67' AGL/620' MSL.
Rwy 22, trees beginning 141' from DER, 22' right of centerline, up to 40' AGL/608' MSL.
Trees beginning 218' from DER, 141' left of centerline, up to 40' AGL/605' MSL.
Rwy 35, trees 126' from DER, 524' right of centerline, 40' AGL/624' MSL.
Trees 131' from DER, 264' right of centerline, 40' AGL/628' MSL.
Trees beginning 135' from DER, 4' right of centerline, up to 40' AGL/631' MSL.
Trees beginning 140' from DER, 238' left of centerline, up to 40' AGL/628' MSL.
Tree 1207' from DER, 590' left of centerline, 46' AGL/629' MSL.

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WACO, TX (CON'T)

TSTC WACO (CNW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 05DEC19 (19339) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 17L, terrain 104' from DER, 473' right of centerline, 460' MSL.
 Terrain 198' from DER, 467' right of centerline, 464' MSL.
 Poles beginning 1123' from DER, 584' left of centerline, up to 45' AGL/493' MSL.
Rwy 17R, vehicles on roads beginning at DER, 365' right of centerline, up to 10' AGL/479' MSL.
 Trees beginning 750' from DER, 482' right of centerline, up to 66' AGL/514' MSL.
 Trees beginning 870' from DER, 238' right of centerline, up to 81' AGL/530' MSL.
 Tree 1239' from DER, 449' left of centerline, 497' MSL.
 Tree 1568' from DER, 629' left of centerline, 500' MSL.
 Tree 1924' from DER, 73' left of centerline, 512' MSL.
Rwy 35L, aircraft on taxiway at DER, on centerline, 65' AGL/532' MSL.
 Aircraft on taxiway 783' from DER, 478' left of centerline, 65' AGL/534' MSL.
 Aircraft on taxiway 808' from DER, 315' right of centerline, 65' AGL/518' MSL.
 Tree 2349' from DER, 669' left of centerline, 537' MSL.
 Tree 2877' from DER, 1044' left of centerline, 539' MSL.
Rwy 35R, tree 2082' from DER, 897' left of centerline, 523' MSL.

WACO RGNL (ACT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12JUN25 (25163) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 1, light poles, terrain beginning 9' from DER, 14' right of centerline, up to 1' AGL/503' MSL.
 Light poles, terrain beginning 9' from DER, 15' left of centerline, up to 1' AGL/503' MSL.
 Terrain 19' from DER, 33' right of centerline, 504' MSL.
 Pole 1170' from DER, 594' left of centerline, 33' AGL/534' MSL.
Rwy 19, light poles 10' from DER, 54' left of centerline, 1' AGL/509' MSL.
 Light poles 10' from DER, 64' right of centerline, 1' AGL/509' MSL.
 Building 590' from DER, 257' right of centerline, 41' AGL/524' MSL.
Rwy 32, trees beginning 482' from DER, 20' left of centerline, up to 565' MSL.
 Tree 762' from DER, 244' right of centerline, 30' AGL/529' MSL.
 Trees beginning 763' from DER, 30' right of centerline, up to 41' AGL/545' MSL.
 Trees beginning 887' from DER, 3' right of centerline, up to 556' MSL.

WESLACO, TX

MID VALLEY INTL (TXW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 02MAR17 (26246) (FAA)

DEPARTURE PROCEDURE:

Rwy 14, climbing left turn heading 360° to 1800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 14, road, fence, sign, tree, bldg, beginning 4' from DER, 174' left of centerline, up to 84' MSL.
 Road, fence, beginning 18' from DER, 442' right of centerline, up to 82' MSL.
 Road 71' from DER, 502' right of centerline, 83' MSL.
 Tree, flagpole, road, pole, beginning 94' from DER, 421' left of centerline, up to 26' AGL/90' MSL.
 Flagpole, road, beginning 110' from DER, 373' left of centerline, up to 31' AGL/96' MSL.
 Tree, road, fence, beginning 161' from DER, 429' left of centerline, up to 33' AGL/98' MSL.
 Pole, beginning 220' from DER, 408' left of centerline, up to 32' AGL/99' MSL.
 Pole, tree, beginning 242' from DER, 412' left of centerline, up to 34' AGL/101' MSL.
 Light pole, beginning 284' from DER, 462' left of centerline, up to 38' AGL/103' MSL.
 Pole, tree, it pole, beginning 289' from DER, 349' left of centerline, up to 37' AGL/105' MSL.
 Pole, tree, it pole, beginning 360' from DER, 307' left of centerline, up to 39' AGL/106' MSL.
 Pole 499' from DER, 475' right of centerline, 31' AGL/98' MSL.
 Pole 499' from DER, 471' right of centerline, 30' AGL/99' MSL.
 Tower, tree, pole, it pole, ant, flagpole, bldg, beginning 511' from DER, 264' left of centerline, up to 60' AGL/131' MSL.
 Catenary, road, pole, beginning 520' from DER, 468' right of centerline, up to 33' AGL/100' MSL.
 Pole, tree, beginning 546' from DER, 337' right of centerline, up to 33' AGL/101' MSL.
 Tree, it pole, catenary, beginning 745' from DER, 268' right of centerline, up to 42' AGL/108' MSL.
 Antenna, pole, catenary, beginning 1422' from DER, 437' right of centerline, up to 59' AGL/127' MSL.
 Flagpole, pole, beginning 1711' from DER, 763' right of centerline, up to 75' AGL/142' MSL.
Rwy 32, road, fence, beginning 17' from DER, 345' left of centerline, up to 82' MSL.
 Tree 64' from DER, 510' left of centerline, 29' AGL/95' MSL.
 Tree 69' from DER, 496' left of centerline, 32' AGL/97' MSL.
 Pole 109' from DER, 524' left of centerline, 33' AGL/100' MSL.
 Pole, road, tree, bldg, beginning 111' from DER, 261' left of centerline, up to 38' AGL/103' MSL.
 Road, beginning 562' from DER, 396' right of centerline, up to 87' MSL.
 Road 630' from DER, 391' right of centerline, 88' MSL.
 Road, beginning 659' from DER, 75' right of centerline, up to 89' MSL.
 Trees, beginning 881' from DER, 571' left of centerline, up to 40' AGL/106' MSL.



26246



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**WINK, TX****WINKLER COUNTY (INK)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

ORIG-A 10MAR11 (11069) (FAA)

DEPARTURE PROCEDURE:**Rwy 13**, climb heading 147° to 3400 before proceeding on course.**TAKEOFF OBSTACLE NOTES:****Rwy 4**, power lines beginning 524' from DER, right and left of centerline, up to 30' AGL/2829' MSL.

Trees beginning 742' from DER, right and left of centerline, up to 50' AGL/2859' MSL.

Rwy 13, trees beginning 133' from DER, 307' right of centerline, up to 50' AGL/2822' MSL.

Vehicles on road beginning 535' from DER, right and left of centerline, up to 15' AGL/2829' MSL.

Rwy 31, trees beginning 49' from DER, 396' left of centerline, up to 50' AGL/2832' MSL.

Trees beginning 1563' from DER, 585' right of centerline, up to 50' AGL/2874' MSL.

WINTERS, TX**WINTERS MUNI (77F)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

AMDT 1 12JUN25 (25163) (FAA)

TAKEOFF OBSTACLE NOTES:**Rwy 18**, tree 103' from DER, 275' left of centerline, 25' AGL/1892' MSL.

Trees beginning 105' from DER, 16' left of centerline, up to 25' AGL/1896' MSL.

Tree 107' from DER, 241' right of centerline, 25' AGL/1902' MSL.

Trees, fence beginning 109' from DER, 70' right of centerline, up to 25' AGL/1912' MSL.

Tree 406' from DER, 277' left of centerline, 25' AGL/1902' MSL.

Trees beginning 408' from DER, 18' left of centerline, up to 25' AGL/1905' MSL.

Tree 710' from DER, 279' left of centerline, 25' AGL/1909' MSL.

Trees beginning 711' from DER, 20' left of centerline, up to 25' AGL/1912' MSL.

Trees beginning 1016' from DER, 233' right of centerline, up to 25' AGL/1915' MSL.

Trees beginning 1318' from DER, 24' left of centerline, up to 25' AGL/1915' MSL.

Rwy 36, trees beginning 23' from DER, 5' left of centerline, up to 25' AGL/1892' MSL.

Trees beginning 26' from DER, 248' right of centerline, up to 25' AGL/1886' MSL.

YOAKUM, TX**YOAKUM MUNI (T85)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

ORIG 10MAR11 (11069) (FAA)

TAKEOFF OBSTACLE NOTES:**Rwy 13**, vehicle on road, 179' from DER, 237' left of centerline, up to 15' AGL/364' MSL.**Rwy 31**, vehicle on road, 77' from DER, 257' right of centerline, up to 15' AGL/384' MSL.**YOAKUM DEFRENN AHP (FORT HOOD) (KHLR)****FORT HOOD, TX****DIVERSE VECTOR AREA (RADAR VECTORS)**

ORIG 05OCT23 (23278) (USA)

Rwys 16, 34, climb of 400' per NM, as assigned by ATC.**TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

AMDT 4 09JUL26 (26190) (USA)

TAKEOFF MINIMUMS:**Rwys 16, 34**, climb of 400' per NM, for copter use only.**TAKEOFF OBSTACLE NOTES:****Rwy 34**, terrain and trees beginning 1.6 NM from DER extending to 1.7 NM, left and right of centerline, up to 1070' MSL, 160' above DER. Crossing DER 59' above DER elev clears takeoff min obstacles.

SC-3, 03 SEP 2026 to 29 OCT 2026

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26246



NAME ALTERNATE MINIMUMS

BURNET, TX

BURNET MUNI/KATE CRADDOCK
FLD (BMQ).....**RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19
NA when local weather not available.

CASTROVILLE, TX

CASTROVILLE
MUNI (CVB).....**RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
NA when local weather not available.
Cat C 900-2¼.

COLEMAN, TX

COLEMAN MUNI (COM).....**RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33¹
NA when local weather not available.
¹Cat C 800-2¼.

COMANCHE, TX

COMANCHE
COUNTY-CITY (MKN).....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

CORPUS CHRISTI, TX

CORPUS CHRISTI
INTL (CRP).....**ILS or LOC Rwy 13**¹
ILS or LOC Rwy 36¹
LOC Rwy 31²
RNAV (GPS) Rwy 18²
RNAV (GPS) X Rwy 31²
RNAV (GPS) Y Rwy 13²
RNAV (GPS) Y Rwy 31²
RNAV (GPS) Y Rwy 36²
VOR or TACAN Rwy 18²

¹LOC Cat C 800-2¼, Cat D 800-2½, Cat E 800-2¾.
²Cat C 800-2¼, Cat D 800-2½, Cat E 800-2¾.

DEL RIO, TX

DEL RIO INTL (DRT).....**RNAV (GPS) Rwy 13**¹
VOR-A²³
NA when local weather not available.
¹Cat D 800-2¼.
²NA when Del Rio APP CON closed.
³Cat C 800-2¼, Cat D 800-2½.

EDINBURG, TX

SOUTH TEXAS INTL AT
EDINBURG (EBG).....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
Cat D 800-2¼.

NAME ALTERNATE MINIMUMS

EL PASO, TX

EL PASO INTL (ELP).....**ILS or LOC Rwy 22**¹
LOC/DME Rwy 4²
RADAR-1³⁴
RNAV (GPS) Rwy 26R²
RNAV (GPS) X Rwy 4²
RNAV (GPS) Y Rwy 22²
RNAV (GPS) Y Rwy 26L²
VOR Rwy 26L³

¹LOC Cat D 800-2¼, Cat E 800-2½.
²Cat D 800-2¼.
³Cat D 800-2¼, Cat E 800-2½.
⁴NA when local weather not available.

FALFURRIAS, TX

BROOKS
COUNTY (BKS).....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
Cat C 900-2½, Cat D 900-2¾.

FORT HOOD (KILLEEN), TX

ROBERT GRAY
AAF (GRK).....**ILS or LOC Rwy 15**¹
ILS or LOC Rwy 33¹
RNAV (GPS) Rwy 15²
RNAV (GPS) Rwy 33²

¹LOC Cat E 800-2½.
²Cat E 800-2½.

FORT STOCKTON, TX

FORT STOCKTON-PECOS
COUNTY (FST).....**RNAV (GPS) Rwy 12**¹
RNAV (GPS) Rwy 30¹
VOR Rwy 12

Cat D 800-2½.
¹NA when local weather not available.

FREDERICKSBURG, TX

GILLESPIE
COUNTY (T82).....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
VOR/DME-A
NA when local weather not available.
Cat C 900-2½.

GEORGETOWN, TX

GEORGETOWN
EXEC (GTU).....**RNAV (GPS) Rwy 11**¹
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 29¹
RNAV (GPS) Rwy 36
Cat D 900-2¼.
¹NA when local weather not available.

GEORGE WEST, TX

LAKE OAK
COUNTY (8T6).....**RNAV (GPS) Rwy 13**
NA when local weather not available.

NAME	ALTERNATE MINIMUMS
HARLINGEN, TX	
VALLEY INTL (HRL).....	ILS or LOC Rwy 18R ¹
	ILS or LOC Rwy 36L
	RNAV (GPS) Rwy 18L
	RNAV (GPS) Rwy 36R
	RNAV (GPS) Y Rwy 13R
	RNAV (GPS) Y Rwy 18R
	RNAV (GPS) Y Rwy 31R
	RNAV (GPS) Y Rwy 36L
	VOR Rwy 18L
	VOR Rwy 36L
	VOR Y or TACAN Rwy 31²
	VOR Z Rwy 31
NA when local weather not available.	
¹ NA when control tower closed.	
² Cat A, B 1000-2, Cat C, D 1000-3.	

HEBRONVILLE, TX
JIM HOGG
COUNTY (HBV).....RNAV (GPS) Rwy 13
NA when local weather not available.

HONDO, TX
HONDO RGNL (HDO).....RNAV (GPS) Rwy 17L
RNAV (GPS) Rwy 35R
NA when local weather not available.

INGLESIDE, TX
 INGLESIDE RGNL (TFP).....RNAV (GPS) Rwy 14
 RNAV (GPS) Rwy 32
 NA when local weather not available.
 Cat C 900-2½. Cat D 1000-3.

JUNCTION, TX
KIMBLE COUNTY (JCT).....RNAV (GPS) Rwy 17
NA when local weather not available.
Cat B 1000-2, Cat C 1100-3.

KENEDY, TX
KENDY RGNL (2R9).....RNAV (GPS) Rwy 16
 RNAV (GPS) Rwy 34
NA when local weather not available.

KERRVILLE, TX
KERRVILLE MUNI/LOUIS SCHREINER
FLD (ERV).....**RNAV (GPS) Rwy 12¹**
RNAV (GPS) Rwy 30²
VOR-A³

NA when local weather not available.
¹Cat C 800-2¼, Cat D 1000-3.
²Cat C 800-2¼.
³Cat A, B 900-2, Cat C 900-2½.

KILLEEN, TX
 SKYLARD FLD (ILE).....RNAV (GPS) Rwy 1
 Cat A, B, C 800-2½.
 NA when local weather not available.

NAME	ALTERNATE
LAGO VISTA, TX	
LAGO VISTA TX/	
RUSTY ALLEN (RYW).....	RNAV (GPS) Rwy 15
NA when local weather not available.	
LAJITAS, TX	
LAJITAS INTL (T89).....	RNAV (GPS) Rwy 7¹
	RNAV (GPS) Y Rwy 25²
NA when local weather not available.	
¹ Cat A, B 1600-2, Cat C, D 1600-3.	
² Cat A, B 1400-2, Cat C 1400-3, Cat D 1600-3.	

LAMPASAS, TX
LAMPASAS (LZZ).....RNAV (GPS) Rwy 34
VOR-A
NA when local weather not available.

LAREDO, TX
LAREDO INTL (LRD).....ILS or LOC Rwy 18R¹²
LOC BC Rwy 36L¹²
RNAV (GPS) Rwy 14³
RNAV (GPS) Rwy 18L³
RNAV (GPS) Rwy 18R³
RNAV (GPS) Rwy 32³
RNAV (GPS) Rwy 36L³
VOR or TACAN Rwy 14³
VOR or TACAN Rwy 32³

¹NA when control tower closed.
²LOC Cat D 800-2¼, Cat E 800-2½.
³Cat D 800-2¼, Cat E 800-2½.

LLANO, TX
 LLANO MUNI (AQO).....RNAV (GPS) Rwy 17
 RNAV (GPS) Rwy 35
 NA when local weather not available.

MARFA, TX
MARFA MUNI (MRF).....RNAV (GPS) Rwy 31
VOR Rwy 31
Cat D 1000-3.

MC ALLEN, TX
 MC ALLEN INTL (MFE).....ILS or LOC Rwy 14¹
 ILS or LOC Rwy 32¹
 RNAV (GPS) Rwy 14²
 RNAV (GPS) Rwy 32²
 VOR Rwy 14²
 VOR Rwy 32²

NA when local weather not available.
¹ILS Cat D 700-2½; LOC Cat D 800-2½.
²Cat D 800-2½.

MIDLAND, TX
MIDLAND
AIRPARK (MDD).....RNAV (GPS) Rwy 25¹
RNAV (GPS) Rwy 34
NA when local weather not available.
¹Cat D 900-3.

NAME ALTERNATE MINIMUMS

MIDLAND, TX (CON'T)

MIDLAND INTL AIR AND SPACE

PORT (MAF).....**ILS or LOC Rwy 10¹²**
VOR or TACAN Rwy 34L³
VOR or TACAN Rwy 16R³
¹ILS Cat D 700-2, Cat E 800-2½; LOC Cat E 800-2½.

²NA when control tower closed.

³Cat E 800-2½.

MONAHANS, TX

ROY HURD MEML(E01).....**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30

NA when local weather not available.

NEW BRAUNFELS, TX

NEW BRAUNFELS

NTL (BAZ).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 31
RNAV (GPS) Rwy 35

NA when local weather not available.

ODESSA, TX

ODESSA-SCHLEMEYER

FLD (ODO).....**RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 20
RNAV (GPS) Rwy 29

NA when local weather not available.

PECOS, TX

PECOS MUNI (PEQ).....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32

NA when local weather not available.

Cat C 800-2¼, Cat D 800-2½.

PLEASANTON, TX

PLEASANTON MUNI (PEZ)....**RNAV (GPS) Rwy 34**

NA when local weather not available.

PORT ARANSAS, TX

MUSTANG BEACH (RAS).....**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30

NA when local weather not available.

PORT ISABEL, TX

CAMERON COUNTY (PIL)....**RNAV (GPS) Rwy 13**

NA when local weather not available.

ROBSTOWN, TX

NUECES COUNTY (RBO).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31

NA when local weather not available.

NAME

ALTERNATE

ROCKPORT, TX

ARANSAS

COUNTY (RKP).....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 32
RNAV (GPS) Rwy 36
VOR or TACAN-A¹

NA when local weather not available.

¹Cat C 800-2¼.

ROCKSPRINGS, TX

EDWARDS COUNTY (ECU).....**VOR Rwy 14**

NA when local weather not available.

SAN ANGELO, TX

SAN ANGELO RGNL/

MATHIS FLD (SJT).....**ILS or LOC Rwy 3¹²**
RNAV (GPS) Rwy 3³
RNAV (GPS) Rwy 18³
RNAV (GPS) Rwy 21³
RNAV (GPS) Rwy 36³
VOR Y or TACAN Y Rwy 3³
¹NA when control tower closed.

²LOC Cat D 800-2½, Cat E 800-2¾.

³Cat D 800-2½, Cat E 800-2¾.

SAN ANTONIO, TX

BOERNE STAGE

AIRFIELD (5C1).....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35

NA when local weather not available.

SAN ANTONIO

INTL (SAT).....**ILS or LOC Rwy 13R¹**
ILS or LOC Rwy 31L¹
RNAV (GPS) Y Rwy 4²
RNAV (GPS) Y Rwy 13R²
RNAV (GPS) Y Rwy 22²
RNAV (GPS) Y Rwy 31L²
¹LOC Cat D 800-2¼.

²Cat D 800-2¼.

STINSON MUNI (SSF).....**RNAV (GPS) Rwy 28**
RNAV (GPS) Rwy 32

NA when local weather not available.

SINTON, TX

SINTON (T69).....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
VOR Rwy 14

NA when local weather not available.

SONORA, TX

SONORA MUNI (SOA).....**RNAV (GPS) Rwy 18**

NA when local weather not available.

Cat A 900-2, Cat B 1000-2.



26246

M5



NAME _____

ALTERNATE MINIMUMS

NAME _____

ALTERNATE

TAYLOR, TX

TAYLOR MUNI (T74)..... RNAV (GPS) Rwy 17
VOR Rwy 17

NA when local weather not available.

TEMPLE, TX

DRAUGHON-MILLER CENTRAL

TEXAS RGNL (TPL).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

Cat D 800-2¼.

UVALDE, TX

GARNER FLD (UVA).....RNAV (GPS) Rwy 33
Cat D 800-2 $\frac{1}{4}$.

VAN HORN, TX

CULBERSON

COUNTY (VHN).....RNAV (GPS) Rwy 21
Cat D 1700-3.

WACO, TX

TSTC WACO (CNW).....	RNAV (GPS) Rwy 17L
	RNAV (GPS) Rwy 35R

NA when local weather not available.

MC GREGOR

EXEC (PWG).....	RNAV (GPS) Rwy 17
	RNAV (GPS) Rwy 35
	VOR Rwy 17

NA when local weather not available.

WACO RGNL (ACT).....ILS or LOC Rwy 19
RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 19
RNAV (GPS) Rwy 32
VOR/DME Rwy 32

NA when local weather not available.

¹NA when control tower closed.

WESLACO, TX

MID VALLEY INTL (TXW).....RNAV (GPS) Rwy 14¹
VOR-A

NA when local weather not available.

¹Cat D 900-2³/₄.

WINK, TX

WINKLER COUNTY (INK).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

Cat C 800-2¼.



ALTERNATE MINS

26246

M5

SC-3



SC-3, 03 SEP 2026 to 29 OCT 2026

RADAR INSTRUMENT APPROACH MINIMUMS

BIGGS AAF (KBIF)

Fort Bliss, TX Amdt 9 30OCT25 (25303) (USA)

ELEV 3947

RADAR - 124.15 307.0  NA

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HATh/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	22		AB	4500-1	553	(600-1)
			CDE	4500-1½	553	(600-1½)
CIR ¹	22		AB	4560-1	613	(700-1)
			C	4580-1¾	633	(700-1¾)
			D	4580-2	633	(700-2)
			E	4580-2¼	633	(700-2¼)

¹CAT DE circling northwest of Rwy 4-22 NA.

Straight-in Rwy 22 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.
USAF Only: When VGSI inop, straight-in Rwy 22 authorized at night with aircrew command approval.

Terrain 200' from threshold, 200' left of cntrln, 3957' MSL.

Rwy 22 helicopter visibility reduction below 1 SM not authorized.

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RADAR INSTRUMENT APPROACH MINIMUMS

RADAR INSTRUMENT APPROACH MINIMUMS

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP), Corpus Christi, TX

Amdt 3 30NOV23 (23334) (USN)

ELEV 19

RADAR - (E) 6835 124.65 270.8 284.6 337.2 354.8



	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HATH/ HAA</u>	<u>CEIL-VIS</u>
PAR ¹	13R ²	3.0°/48/877	ABCDE	113-¾	100	(100-¾)
	18	3.0°/50/913	ABCDE	118-½	100	(100-½)
	31L	3.0°/51/959	ABCDE	117-½	100	(100-½)
	36	3.0°/50/937	ABCDE	118-½	100	(100-½)
PAR W/O GS ¹	13R ³		ABCDE	340-¾	327	(400-¾)
	18		ABCDE	340-1	322	(400-1)
	36		AB	400-1	382	(400-1)
			CDE	400-1½	382	(400-1½)
	31L		AB	420-1	403	(500-1)
			CDE	420-1½	403	(500-1½)
ASR	18		AB	400-1	382	(400-1)
			CDE	400-1½	382	(400-1½)
	13R ^{4 6 7}		AB	420-¾	407	(500-¾)
			CDE	420-1	407	(500-1)
	13L		AB	420-1	402	(500-1)
			CDE	420-1½	402	(500-1½)
	4 ⁷		AB	460-1	443	(500-1)
			CDE	460-1¾	443	(500-1¾)
	31L		AB	460-1	443	(500-1)
			CDE	460-1¾	443	(500-1¾)
	31R		AB	460-1	442	(500-1)
			CDE	460-1¾	442	(500-1¾)
	36		AB	460-1	442	(500-1)
			CDE	460-1¾	442	(500-1¾)
CIR ⁵	All Rwys		A	460-1	442	(500-1)
			B	480-1	462	(500-1)
			C	520-1½	502	(600-1½)
			DE	580-2	562	(600-2)

¹No-NOTAM MP: PAR Mon 1300-1700Z++.

²When ALS inop, increase CAT ABCDE vis to ½ mile.

³When ALS inop, increase CAT ABCDE vis to 1 mile.

⁴When ALS inop increase CAT AB vis to 1 mile, CAT CDE vis to 1½ miles.

⁵Circling authorized only from ASR and PAR W/O GS.

⁶SDF at 2 NM from thld, 680' min.

⁷SDF at 3 NM from thld, 980' min.

SC-3, 03 SEP 2026 to 29 OCT 2026

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RADAR INSTRUMENT APPROACH MINIMUMS

RADAR INSTRUMENT APPROACH MINIMUMS

EL PASO, TX
EL PASO INTL (ELP)
RADAR-1 124.25 298.85

Amdt 15D, 29DEC22 (22363) (FAA)

ELEV 3962

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	22		AB	4440/24	490	(500-½)	CDE	4440/50	490	(400-1)
	26L		ABCDE	4400-¾	438	(500-¾)				
	4		AB	4400/55	477	(500-1¼)	CD	4400-1%	477	(500-1¾)
			E	NA						
CIRCLING	ALL RWY		AB	4440-1	478	(500-1)	C	4480-1½	518	(600-1½)
			D	4680-2¼	718	(800-2¼)	E	4700-2½	738	(800-2½)

Circling NA for CATS D and E W of Rwy 4-22.
Rwy 4 Circling Cat E NA.
For inoperative ALS, increase S-22 CAT C/D/E visibility to 1 3/8 SM, increase S-26L CAT A/B visibility to 1 SM, and CAT E to 1 1/4 SM.
Caution: steeply rising terrain 4.5 NM west of airport.

SC-3, 03 SEP 2026 to 29 OCT 2026

FORT HOOD (KILLEEN), TX
ROBERT GRAY AAF (GRK)
RADAR-1 - 120.075 323.15 NA

Orig-B, 30NOV23 (26190) (FAA)

ELEV 1015

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	33		AB	1460-¾	465	(500-¾)	CDE	1460-1	465	(500-1)
	15		AB	1520/40	505	(600-¾)	CDE	1520/55	505	(600-1¼)
CIRCLING	ALL RWY		AB	1540-1¼	525	(600-1¼)	C	1560-1½	545	(600-1½)
			D	1620-2	605	(700-2)	E	1740-2½	725	(800-2½)

Circling NA W of Rwy 15-33.
For inoperative ALS, increase ASR S-15 and ASR S-33 CATS C/D/E visibility to 1½ mile.

SC-3, 03 SEP 2026 to 29 OCT 2026

FORT HOOD (KILLEEN), TX
ROBERT GRAY AAF (GRK)
RADAR-2 - 120.075 323.15 NA

Orig-A, 24MAY18 (26190) (FAA)

ELEV 1015

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
PAR	33	3.00°/53/973	ABCDE	1208-½	213	(200-½)
	15	3.00°/51/1062	ABCDE	1215/24	200	(200-½)

For inoperative ALS, increase PAR S-15 CAT E visibility to RVR 4000 and PAR S-33 CAT E visibility to ¾ SM.
Rwy 15 VGSI and PAR glidepath not coincident (VGSI Angle 3.00/TCH 71).
Rwy 33 VGSI and PAR glidepath not coincident (VGSI Angle 2.77/TCH 52).

RADAR INSTRUMENT APPROACH MINIMUMS

KINGSVILLE NAS (KNQI), Kingsville, TX Amdt 2 23MAR23 (23082) (USN)

ELEV 50

RADAR¹ - (E) 121.05x 254.4x 263.075x 269.35x 305.2x 310.8x 349.0x 355.6x



	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
PAR ²	35R ³	3.0°/50/937	ABCDE	148-¼	100	(100-¼)
	13L	3.0°/50/949	ABCDE	149-½	100	(100-½)
	13R ⁵	3.0°/50/972	ABCDE	150-½	100	(100-½)
	17R	3.0°/50/961	ABCDE	149-½	100	(100-½)
	31R	3.0°/50/907	ABCDE	144-½	100	(100-½)
	35L ⁴	3.0°/50/951	ABCDE	148-½	100	(100-½)
PAR W/O GS ²	35R ⁷		ABCDE	380-¾	332	(400-¾)
	17R ⁶		ABCDE	360-1	311	(400-1)
	31R ⁸		ABCDE	380-1	336	(400-1)
	35L		ABCDE	380-1	332	(400-1)
	13L		AB	460-1	411	(500-1)
			CDE	460-1½	411	(500-1½)
	13R ⁵		AB	460-1	410	(500-1)
			CDE	460-1½	410	(500-1½)
	ASR	35R ⁷	AB	420-½	372	(400-½)
			CDE	420-¾	372	(400-¾)
	17L ⁹		ABCDE	400-1	351	(400-1)
	17R ⁹		ABCDE	400-1	351	(400-1)
	31L ⁹		ABCDE	380-1	333	(400-1)
	31R ⁹		ABCDE	380-1	336	(400-1)
	35L		ABCDE	420-1	372	(400-1)
	13L ⁹		AB	460-1	411	(500-1)
			CDE	460-1½	411	(500-1½)
	13R ⁹		AB	460-1	410	(500-1)
			CDE	460-1½	410	(500-1½)
	CIR ¹⁰	ALL RWYS ¹¹	AB	540-1	490	(500-1)
			C	760-2	710	(800-2)
			D	760-2¼	710	(800-2¼)
			E	760-2½	710	(800-2½)

¹Use landing/taxi lights when conducting apch during VMC. DASR-11 unmt0 dur hr of afld closure.

²No NOTAM MP: PAR 1300-1700Z++ Wed. Maint conducted next bus day if clsd on Wed.

³When ALS inop, increase vis to ½ mile.

⁴When tower closed, increase vis to 1 mile

⁵VGSI and descent angles not coincident (VGSI 3.00/TCH 33).

⁶Step Down Fix at 3 NM from RPI, cross at or above 1100 ft.

⁷When ALS inop, increase vis to 1 mile.

⁸Step Down Fix at 2 NM from RPI, cross at or above 740 ft.

⁹Step Down Fix at 2 NM from rwy, cross at or above 720 ft.

¹⁰Circling authorized only from PAR W/O GS and ASR.

¹¹Circling to Rwy 31L NA at night .

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

RADAR INSTRUMENT APPROACH MINIMUMS

RADAR MINS

26190

N5

RADAR INSTRUMENT APPROACH MINIMUMS

WACO, TX

Amdt 1B, 15JUN23 (23166) (FAA)

ELEV 592

MC GREGOR EXEC (PWG)

RADAR-1 127.65 352.0 

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	17		AB	1260-1	668	(700-1)	C	1260-1 $\frac{1}{8}$	668	(700-1 $\frac{1}{8}$)
			D	NA						
CIRCLING	ALL RWY		AB	1260-1	668	(700-1)	C	1300-2	708	(800-2)
			D	NA						

WACO, TX

Amdt 4, 11FEB10 (10042) (FAA)

ELEV 470

TSTC WACO (CNW)

RADAR-1 127.65 227.125  

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	17L		AB	1080- $\frac{1}{2}$	611	(700- $\frac{1}{2}$)	C	1080-1 $\frac{1}{4}$	611	(700-1 $\frac{1}{4}$)
			D	1080-1 $\frac{1}{2}$	611	(700-1 $\frac{1}{2}$)				
CIRCLING	ALL RWY		AB	1080-1	610	(700-1)	C	1080-1 $\frac{1}{4}$	610	(700-1 $\frac{1}{4}$)
			D	1080-2	610	(700-2)				

When Waco Regional approach control closed, ASR not authorized.

WACO, TX

Amdt 4, 23SEP10 (14317) (FAA)

ELEV 516

WACO RGNL (ACT)

RADAR-1 127.65 227.125 

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	19		ABC	880/24	376	(400- $\frac{1}{2}$)	D	880/50	376	(400-1)
	1		ABC	860-1	351	(400-1)	D	860-1 $\frac{1}{4}$	351	(400-1 $\frac{1}{4}$)
	14		AB	920-1	407	(500-1)	CD	920-1 $\frac{1}{4}$	407	(500-1 $\frac{1}{4}$)
	32		AB	1020-1	504	(600-1)	CD	1020-1 $\frac{1}{2}$	504	(600-1 $\frac{1}{2}$)
CIRCLING	ALL RWY		AB	1020-1	504	(600-1)	C	1020-1 $\frac{1}{2}$	504	(600-1 $\frac{1}{2}$)
			D	1080-2	564	(600-2)				

For inoperative MALSR increase S-19 CAT D visibility to RVR 6000.

When control tower closed, ASR NA.

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

RADAR INSTRUMENT APPROACH MINIMUMS

RADAR MINS

26190

N5

SC-3

14261

LAND AND HOLD-SHORT OPERATIONS (LAHSO)

THERE ARE NO LAND AND HOLD
SHORT OPERATIONS (LAHSO)
FOR SC-3 VOLUME

SC-3, 03 SEP 2026 to 29 OCT 2026

14261

SC-3, 03 SEP 2026 to 29 OCT 2026

24361

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.

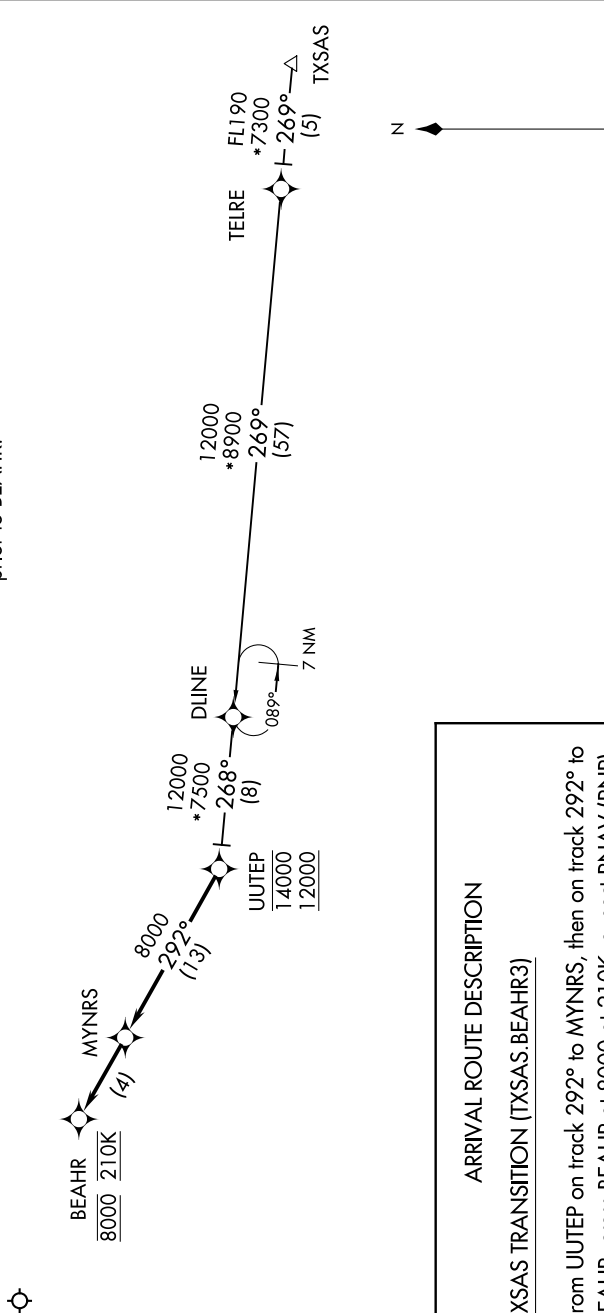
CITY/AIRPORT	HOT SPOT	DESCRIPTION*
AUSTIN, TX AUSTIN-BERGSTROM INTL (AUS)	HS 1 HS 2	E service road, Traffic on crossing Twy G and Twy H. Risk of surface incident. Acft exiting Rwy 36R on Twy G some times turn onto Twy H thinking it is a continuation of Twy G.
SAN MARCOS RGNL (HYI)	HS 1 HS 2	Int of Rwy 26 and Rwy 35. Int of Rwy 31, Twy F and Rwy 35.
EL PASO, TX EL PASO INTL (ELP)	HS 1	Rwy 08R apch considered active, do not proceed on or cross without ATC clnc especially when taxiing to Rwy 04 via the terminal ramp.
GEORGETOWN, TX GEORGETOWN EXEC (GTU)	HS 1 HS 2	Int of Twy J and Twy A. Int of Twy D and Twy A.
HARLINGEN, TX VALLEY INTL (HRL)	HS 1	Rwy 31 and Rwy 36R apch ends are closely aligned.
MC ALLEN, TX MC ALLEN INTL (MFE)	HS 1	Rwy 14 hold short marking located in a non-standard location.
MIDLAND, TX MIDLAND INTL AIR AND SPACE PORT (MAF)	HS 1 HS 2	Rwy Incursion Risk: northbound pilots inadvertently miss turn onto Twy A on Twy P and incur Rwy 10-28. Confusing intersection: Twy B and Twy P converge on Rwy 10-28. Area not visible from twr.
NEW BRAUNFELS, TX NEW BRAUNFELS NTL (BAZ)	HS 1	Rwy 13 and Rwy 17 at Twy D wrong departure risk, and share same hold line at Twy D.
SAN ANGELO, TX SAN ANGELO RGNL/MATHIS FLD (SJT)	HS 1 HS 2 HS 3	Rwy 18-36 at the int of Rwy 09-27. Rwy 18-36 at the int of Twy D. Twy B close proximity to Rwy 18-36 and Rwy 03-21.
SAN ANTONIO, TX LACKLAND AFB (KELLY FLD ANNEX) (KSKF)	HS 1 HS 2	The unpaved portion of the north overrun. Int of Rwy 16-34, Twy D, and Twy G.
SAN ANTONIO INTL (SAT)	HS 1 HS 2	Rwy 31L hold short line on Rwy 04. Twy G and Twy N in close proximity of Rwy 31L.
WACO, TX WACO RGNL (ACT)	HS 1	Rwy 01 hold short line at approach end not visible from the tower.

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

24361

EL PASO D-ATIS	120.0	254.3
EL PASO APP CON	124.25	298.85
ALBUQUERQUE CENTER	135.2	292.15

NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turbojet aircraft only.
NOTE: Expect RNP approach or RADAR vectors to final approach course prior to BEAHR.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

TXSAS TRANSITION (TXSAS.BEAHR3)

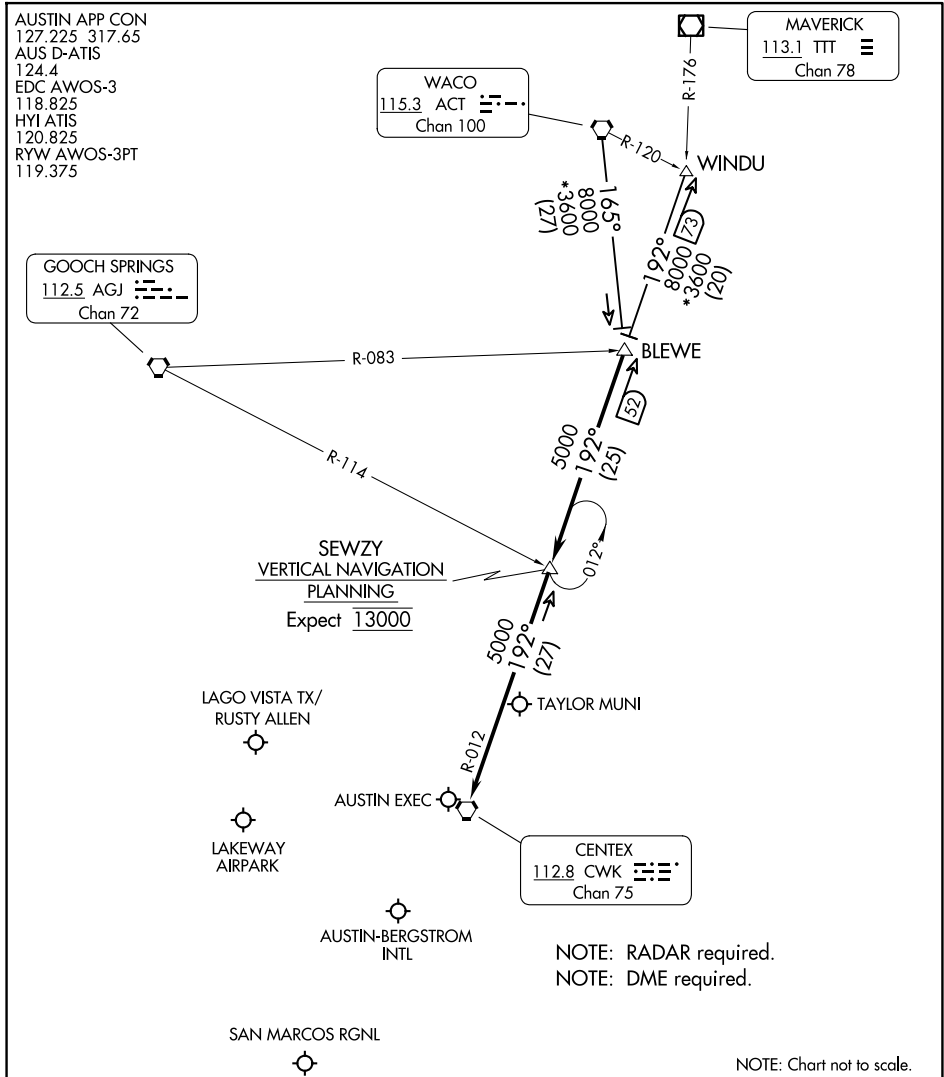
From UUTEP on track 292° to MYNRS, then on track 292° to BEAHR, cross BEAHR at 8000 at 210K, expect RNAV (RNP) approach or RADAR vectors to final approach course.

(BLEWE.BLEWE5) 25051

BLEWE FIVE ARRIVAL

Z2
AL-556 (FAA)

AUSTIN, TEXAS



ARRIVAL ROUTE DESCRIPTION

WACO TRANSITION (ACT.BLEWE5): From over ACT VORTAC on ACT R-165 to BLEWE. Thence . . .

WINDU TRANSITION (WINDU.BLEWE5): From over WINDU on CWK R-012 to BLEWE. Thence. . .

. . . From over BLEWE on CWK R-012 to SEWZY, then on CWK R-012 to CWK VORTAC. Expect vectors to final approach course at or prior to CWK VORTAC.

BLEWE FIVE ARRIVAL

(BLEWE.BLEWE5) 23FEB23

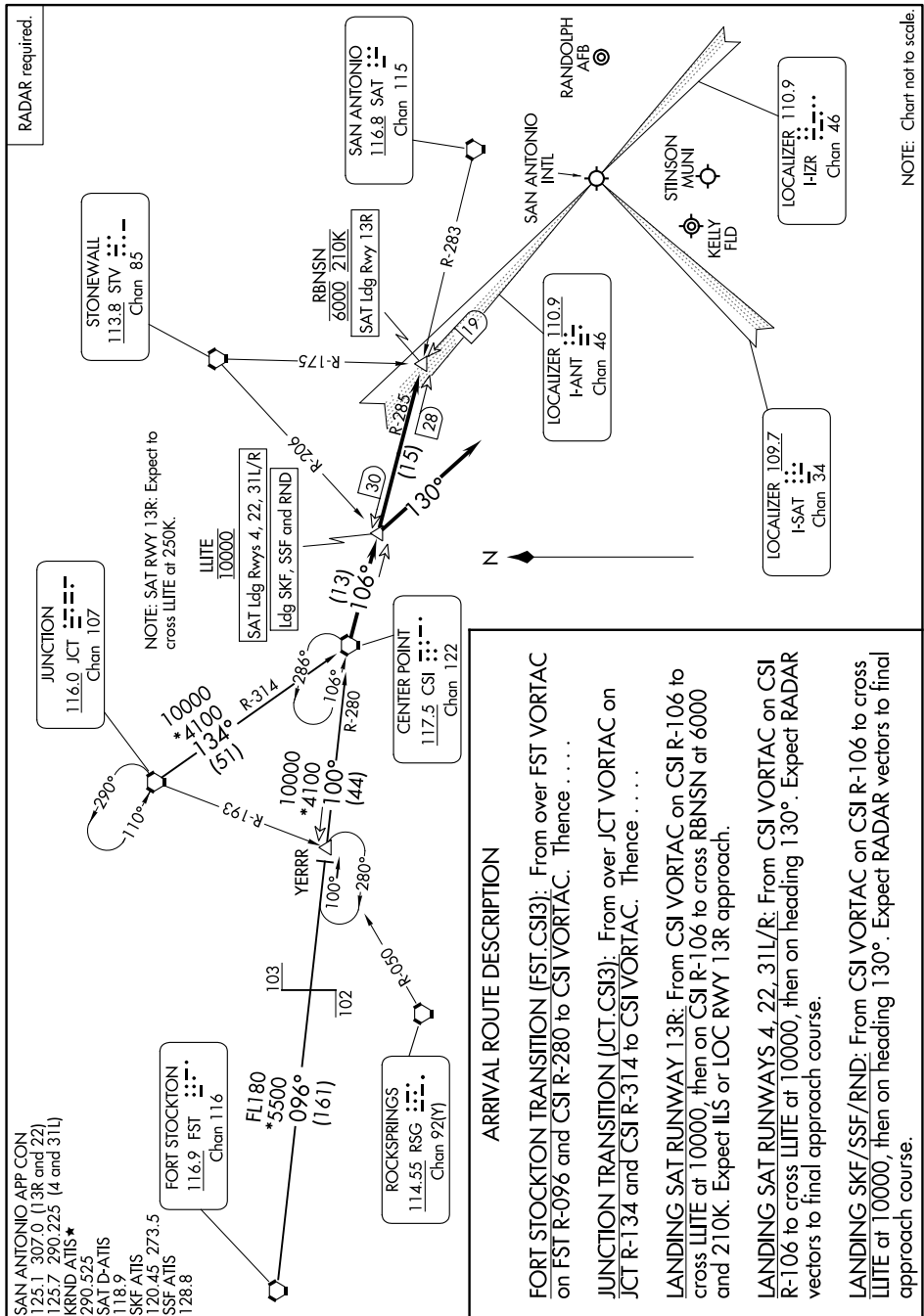
AUSTIN, TEXAS

SC-3, 03 SEP 2026 to 29 OCT 2026

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CENTERPOINT THREE ARRIVAL

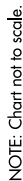
SAN ANTONIO, TEXAS



CENTERPOINT THREE ARRIVAL

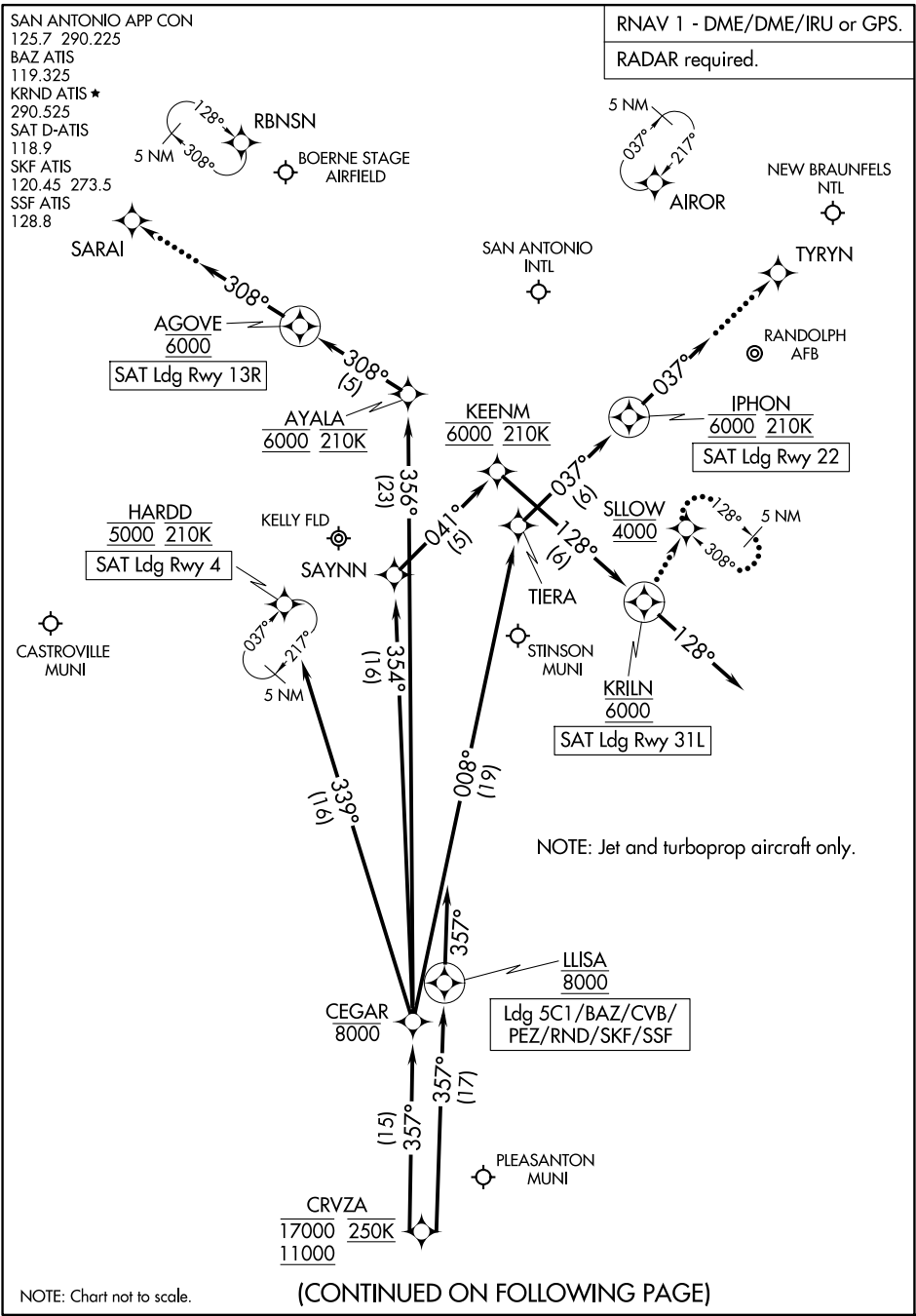
SAN ANTONIO, TEXAS

SAN ANTONIO, TEXAS



(CONTINUED ON FOLLOWING PAGE)

SC-3, 03 SEP 2026 to 29 OCT 2026



ARRIVAL ROUTE DESCRIPTION

SAN ANTONIO INTL (SAT): From CRVZA on track 357° to cross CEGAR at or below 8000.

LANDING SAT RUNWAY 4: From CEGAR on track 339° to cross HARDD at 5000 and at 210K. Expect ILS or LOC RWY 4 approach.

LANDING SAT RUNWAY 13R: From CEGAR on track 356° to cross AYALA at 6000 and at 210K, then on track 308° to cross AGOVE at 6000, then on track 308°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 22: From CEGAR on track 008° to TIERA, then on track 037° to cross IPHON at 6000 and at 210K, then on track 037°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 31L: From CEGAR on track 354° to SAYNN, then on track 041° to cross KEENM at 6000 and at 210K, then on track 128° to cross KRILN at 6000, then on track 128°. Expect RADAR vectors to final approach course.

LANDING SKF/BAZ/CVB/SSF/PEZ/5C1/RND: From CRVZA on track 357° to cross LLISA at 8000, then on track 357°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

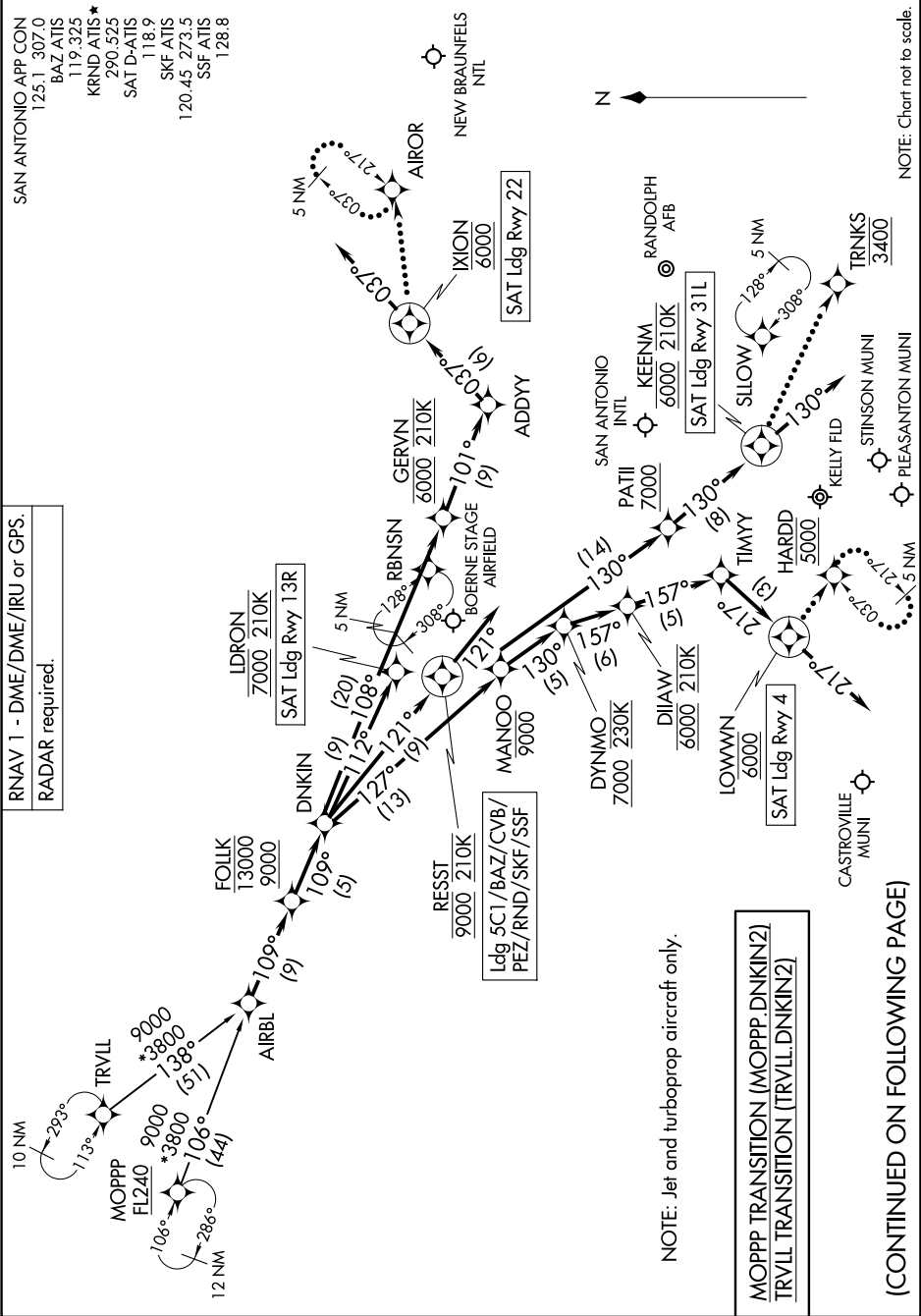
SAT RUNWAY 13R: After AGOVE proceed to SARAI, then on ILS or LOC RWY 13R or RNAV (GPS) Y RWY 13R approach.

SAT RUNWAY 22: After IPHON proceed to TYRYN, then on RNAV (GPS) Y RWY 22 approach.

SAT RUNWAY 31L: After KRILN proceed to SLOW at 4000 and hold.

DNKIN TWO ARRIVAL (RNAV)

SAN ANTONIO, TEXAS



DNKIN TWO ARRIVAL (RNAV)

SAN ANTONIO, TEXAS

ARRIVAL ROUTE DESCRIPTION

SAN ANTONIO INTL (SAT): From AIRBL on track 109° to cross FOLLK between 9000 and 13000, then on track 109° to DNKIN.

LANDING SAT RUNWAY 4: From DNKIN on track 127° to cross MANOO at or below 9000, then on track 130° to cross DYNMO at or above 7000 and at 230K, then on track 157° to cross DIIAW at 6000 and at 210K, then on track 157° to TIMYY, then on track 217° to cross LOWWN at 6000, then on track 217°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 13R: From DNKIN on track 112° to cross LDRON at 7000 and at 210K. Expect ILS or LOC Rwy 13R approach.

LANDING SAT RUNWAY 22: From DNKIN on track 108° to cross GERVN at 6000 and at 210K, then on track 101° to ADDYY, then on track 037° to cross IXION at 6000, then on track 037°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 31L: From DNKIN on track 127° to cross MANOO at or below 9000, then on track 130° to cross PATII at or above 7000, then on track 130° to cross KEENM at 6000 and at 210K, then on track 130°. Expect RADAR vectors to final approach course.

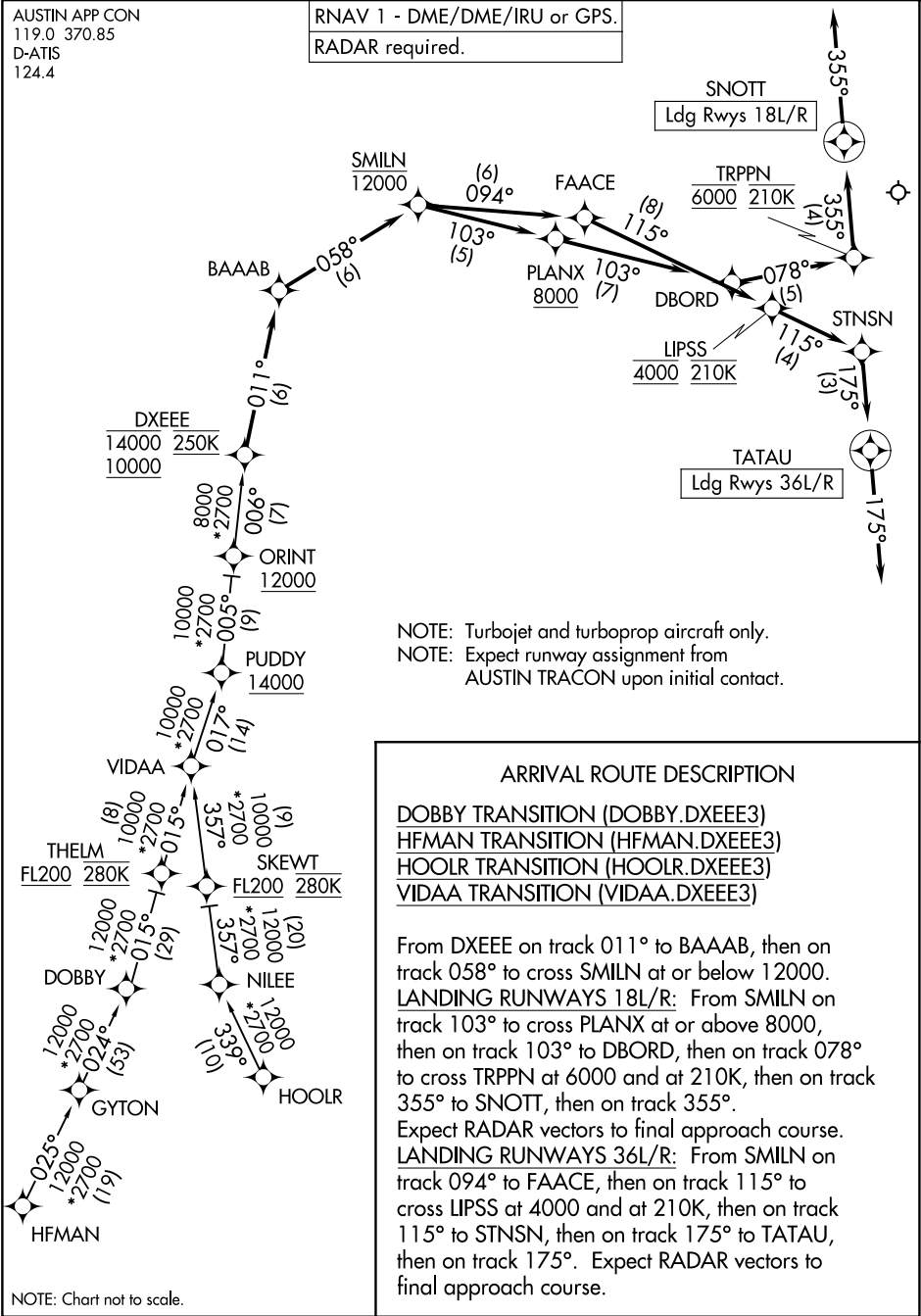
LANDING SKF, BAZ, CVB, SSF, PEZ, 5C1, RND: From AIRBL on track 109° to cross FOLLK between 9000 and 13000, then on track 109° to DNKIN, then on track 121° to cross RESST at 9000 and at 210K, then on track 121°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

SAT RUNWAY 4: After LOWWN, proceed to HARDD at 5000 and hold.

SAT RUNWAY 22: After IXION, proceed to AIROR and hold.

SAT RUNWAY 31L: After KEENM proceed to TRNKS at 3400, then on ILS or LOC Rwy 31L or RNAV (GPS) Y RWY 31L approach.



(GABOO.GABOO1) 25051

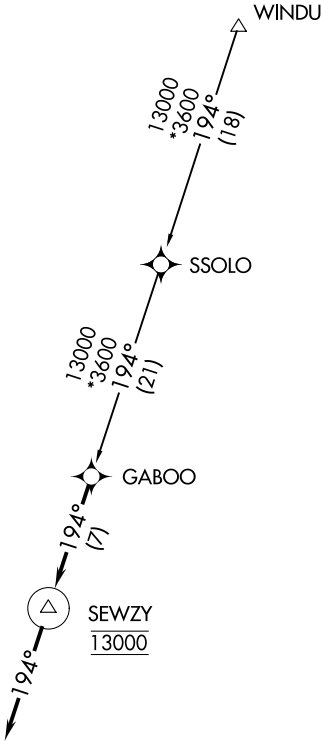
GABOO ONE ARRIVAL (RNAV)

AL-502 (FAA)

AUSTIN, TEXAS

AUSTIN APP CON
127.225 317.65
HYI ATIS
120.825
T74 AWOS-3PT
119.75

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



LAGO VISTA TX/RUSTY ALLEN

LAKEWAY AIRPARK

TAYLOR MUNI

SAN MARCOS RGNL

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

SSOLO TRANSITION (SSOLO.GABOO1)

WINDU TRANSITION (WINDU.GABOO1)

LANDING ALL AIRPORTS: From GABOO on track 194° to cross SEWZY at 13000, then on track 194°. Expect RADAR vectors to final approach course.

GABOO ONE ARRIVAL (RNAV)

(GABOO.GABOO1) 16JUL20

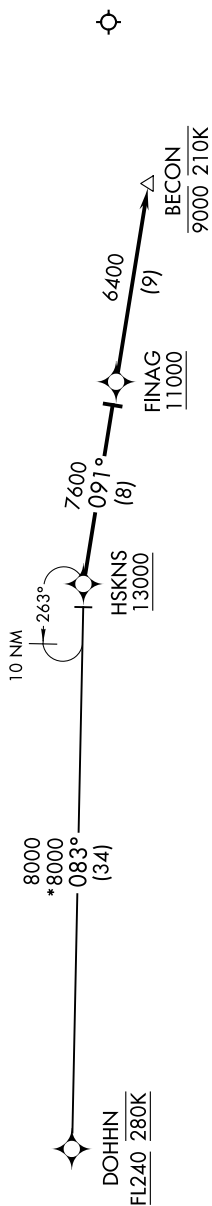
AUSTIN, TEXAS

NOTE: Chart not to scale.

z

DOHHN TRANSITION (DOHHN.HSKNS1)

LANDING RWY 4: From HSKNS on track 091° to FINAG, cross FINAG at or above 11000, then on track 091° to BECON, cross BECON at 9000 at 210K, expect RNAV (RNP) approach or RADAR vectors to final approach course.



NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: For Non-RNP aircraft, expect RADAR vectors to final approach course.

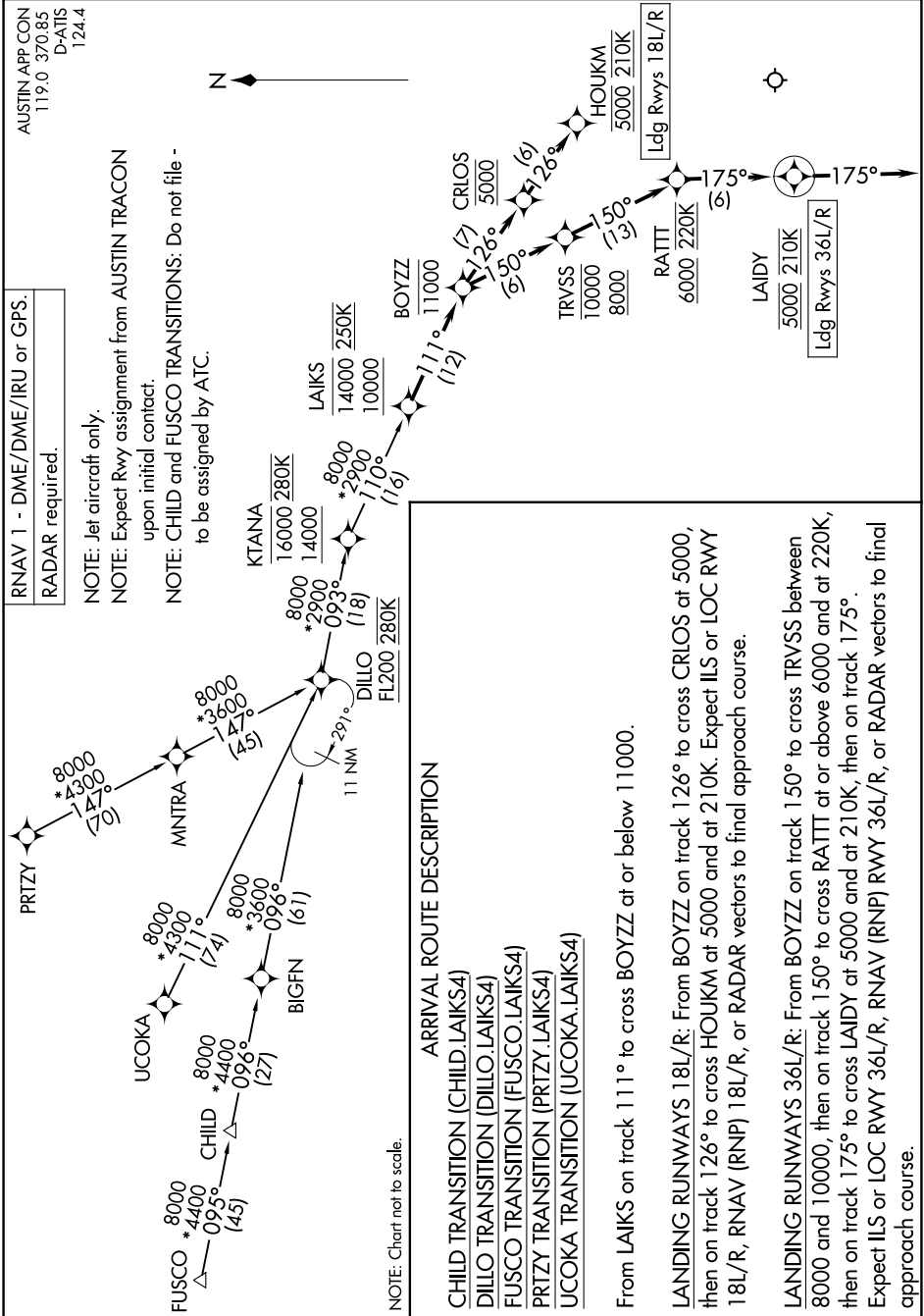
NOTE: Expect RNP approach clearance or RADAR vectors to final approach prior to BECON.

EL PASO INTL (ELP)

LAIKS.LAIKS4) 25163
LAIKS FOUR ARRIVAL (RNAV)

Z12
AL-556 (FAA)

AUSTIN-BERGSTROM INTL (AUS)
AUSTIN, TEXAS



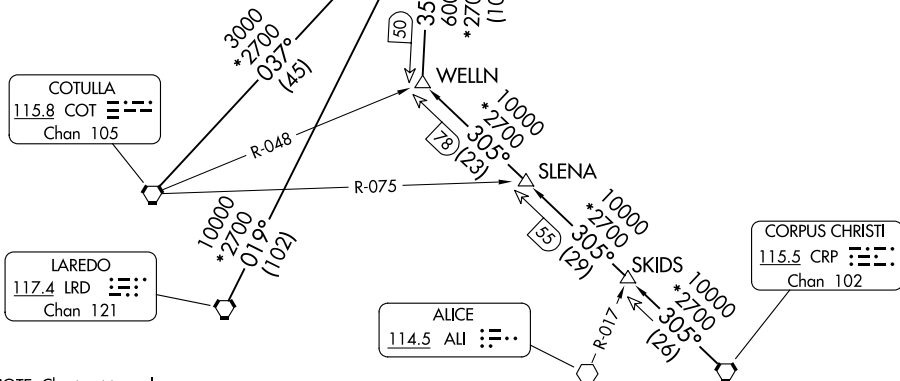
LAIKS FOUR ARRIVAL (RNAV)
LAIKS.LAIKS4) 05SEP24

AUSTIN, TEXAS
AUSTIN-BERGSTROM INTL (AUS)

LEMIG TWO ARRIVAL

RADAR required. DME required.

NOTE: Expect RADAR vectors at or prior to ELKAY.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

CORPUS CHRISTI TRANSITION (CRP.LEMIG2): From over CRP VORTAC on CRP R-305 to WELLN, then on SAT R-175 to LEMIG. Thence

COTULLA TRANSITION (COT.LEMIG2): From over COT VORTAC on COT R-037 to LEMIG. Thence

LAREDO TRANSITION (LRD.LEMIG2): From over LRD VORTAC on LRD R-019 to LEMIG. Thence

LANDING ALL AIRPORTS: From LEMIG on SAT R-175 to cross ELKAY at or above 6000. Expect RADAR vectors to final approach course.

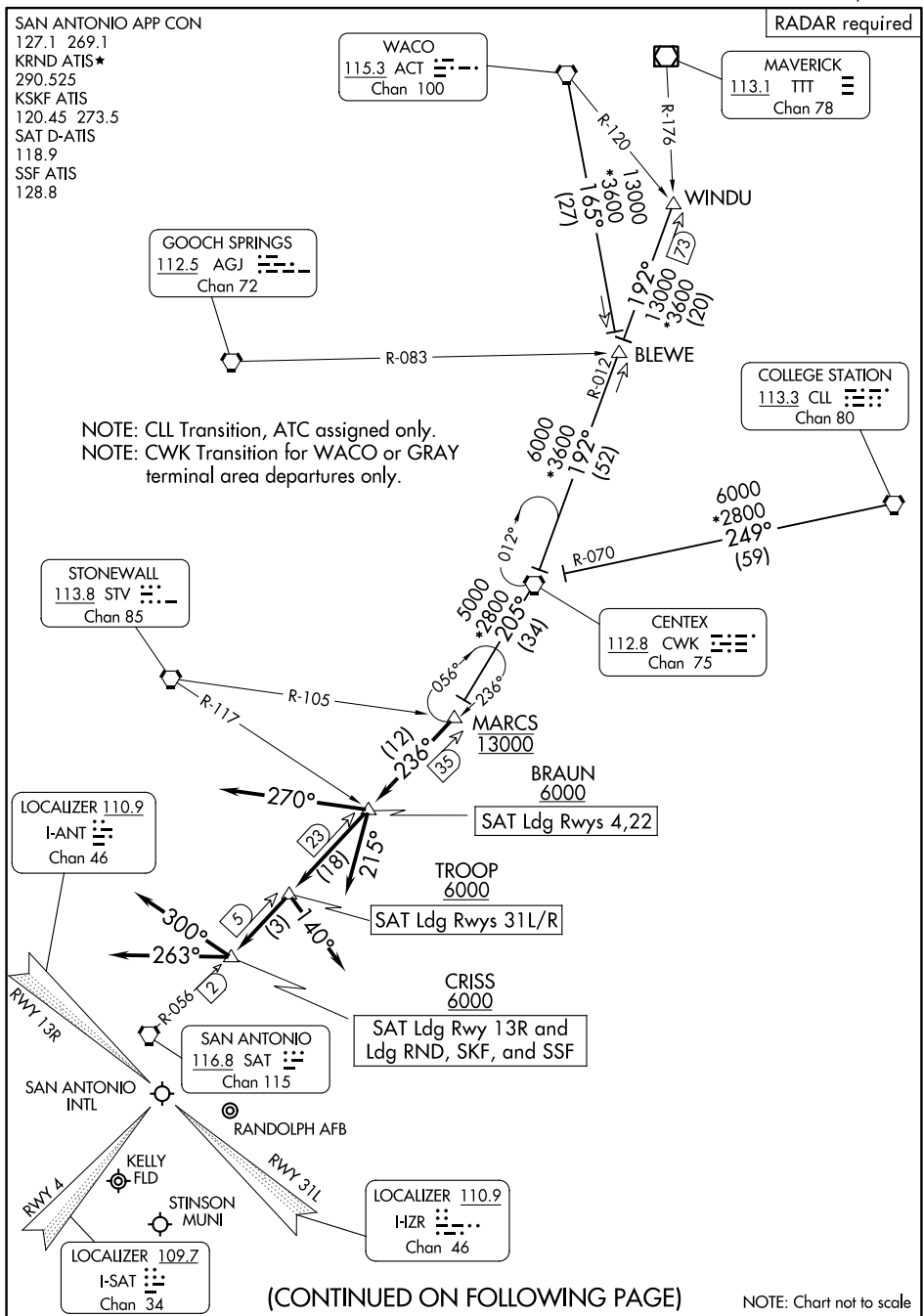
LEMIG TWO ARRIVAL

SAN ANTONIO, TEXAS

(LEMIG.LEMIG2) 02OCT25

MARCS TWO ARRIVAL

SAN ANTONIO, TEXAS



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

MARCS TWO ARRIVAL

SAN ANTONIO, TEXAS

ARRIVAL ROUTE DESCRIPTION

BLEWE TRANSITION (BLEWE.MARCS2): From over BLEWE on CWK R-012 to CWK VORTAC, then on CWK R-205 to MARCS. Thence. . .

CENTEX TRANSITION (CWK.MARCS2): From over CWK VORTAC on CWK R-205 to MARCS. Thence. . .

COLLEGE STATION TRANSITION (CLL.MARCS2): From over CLL VORTAC on CLL R-249 and CWK R-070 to CWK VORTAC, then on CWK R-205 to MARCS. Thence. . .

WACO TRANSITION (ACT.MARCS2): From over ACT VORTAC on ACT R-165 to BLEWE, then on CWK R-012 to CWK VORTAC, then on CWK R-205 to MARCS. Thence. . .

WINDU TRANSITION (WINDU.MARCS2): From over WINDU on CWK R-012 to CWK VORTAC, then on CWK R-205 to MARCS. Thence. . .

LANDING SAT RUNWAY 4:
. . . From MARCS on SAT R-056 to cross BRAUN at or above 6000, then on heading 215°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 13R:
. . . From MARCS on SAT R-056 to cross CRISS at or above 6000, then on heading 300°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 22:
. . . From MARCS on SAT R-056 to cross BRAUN at or above 6000, then on heading 270°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAYS 31L/R:
. . . From MARCS on SAT R-056 to cross TROOP at or above 6000, then on heading 140°. Expect RADAR vectors to final approach course.

LANDING RND/SKF/SSF:
. . . From MARCS on SAT R-056 to cross CRISS at or above 6000, then on heading 263°. Expect RADAR vectors to final approach course.

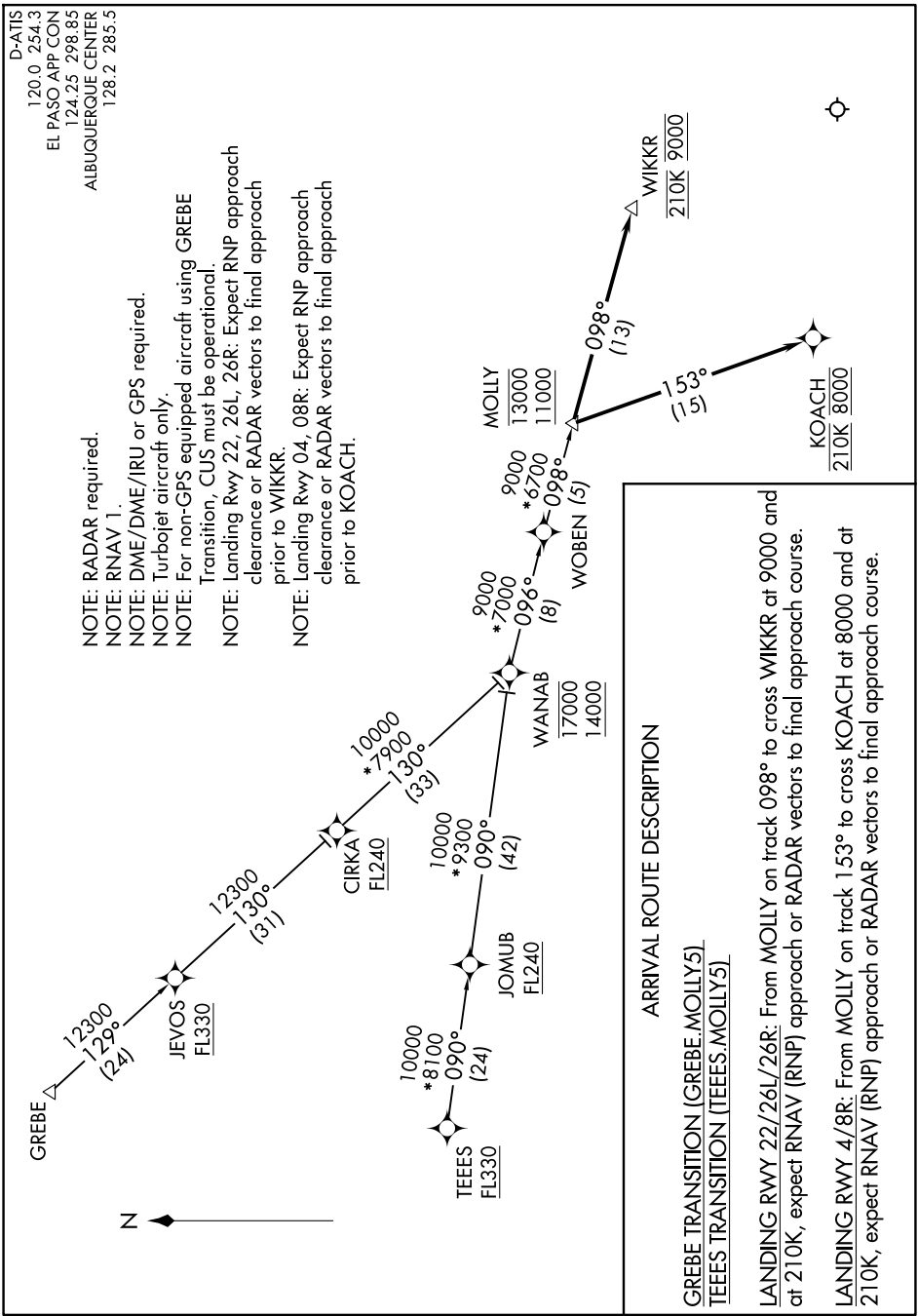
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

(MOLLY.MOLLY5) 20310
MOLLY FIVE ARRIVAL (RNAV)

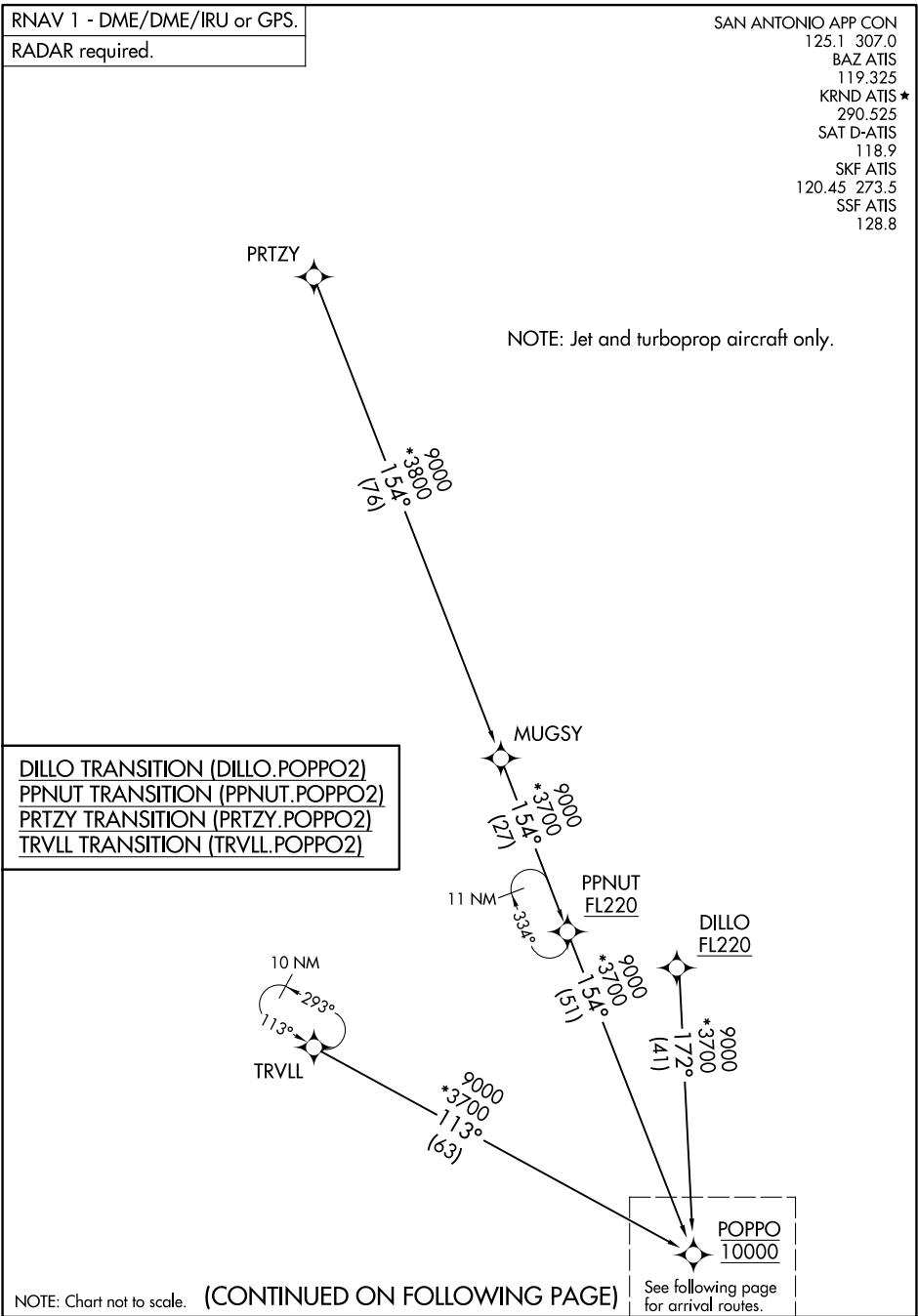
AL-134 (FAA)

EL PASO INTL (ELP)
EL PASO, TEXAS



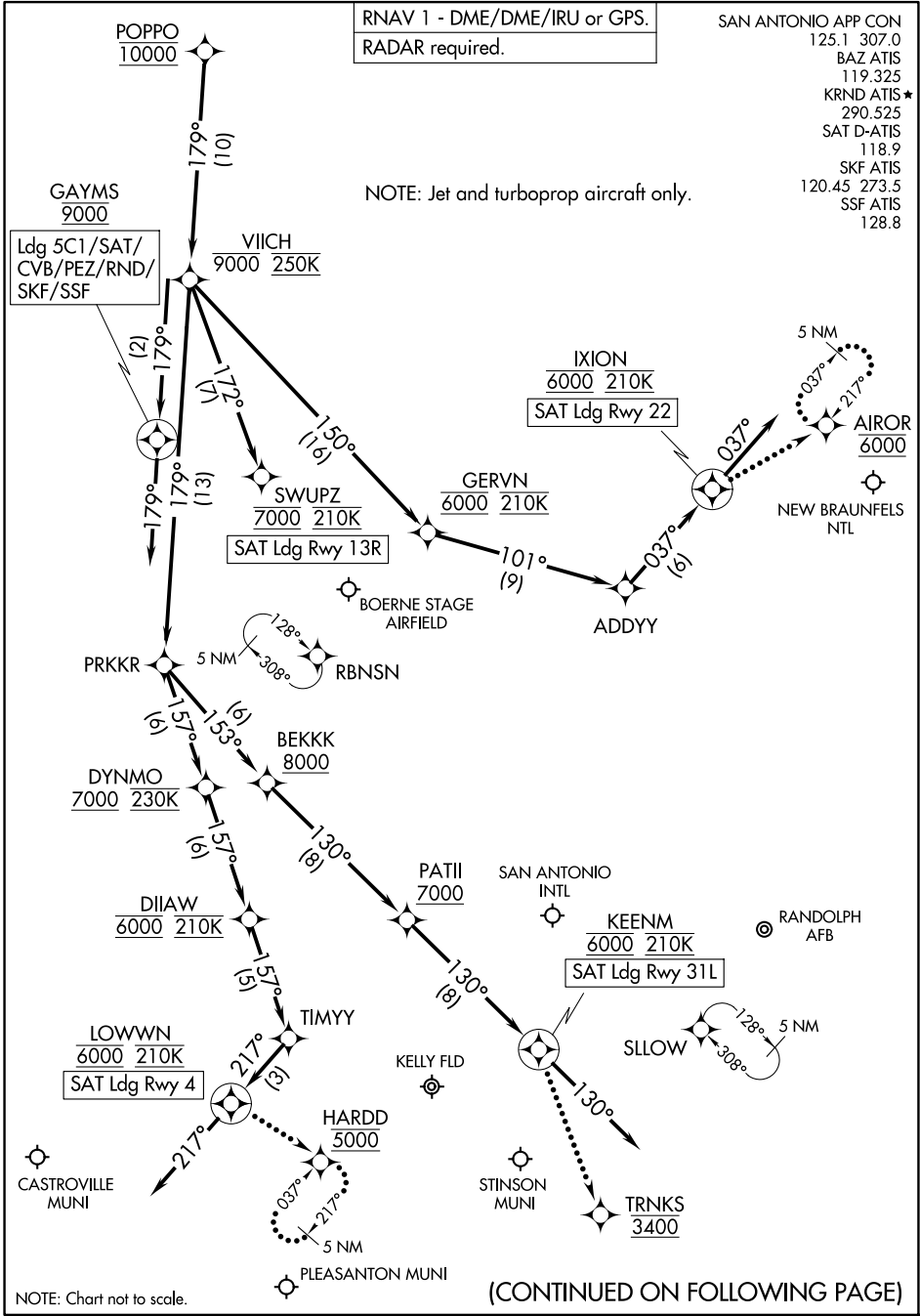
MOLLY FIVE ARRIVAL (RNAV)
(MOLLY.MOLLY5) 05NOV20

EL PASO, TEXAS
EL PASO INTL (ELP)



POPPO TWO ARRIVAL (RNAV) Arrival Routes

SAN ANTONIO, TEXAS



ARRIVAL ROUTE DESCRIPTION

SAN ANTONIO INTL (SAT): From POPPO on track 179° to cross VIICH at or below 9000 and at 250K.

LANDING SAT RUNWAY 4: From VIICH on track 179° to PRKKR, then on track 157° to cross DYNMO at or above 7000 and at 230K, then on track 157° to cross DIIAW at 6000 and at 210K, then on track 157° to TIMYY, then on track 217° to cross LOWWN at 6000 and at 210K, then on track 217°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 13R: From VIICH on track 172° to cross SWUPZ at 7000 and at 210K. Expect ILS or LOC RWY 13R approach.

LANDING SAT RUNWAY 22: From VIICH on track 150° to cross GERVN at 6000 and at 210K, then on track 101° to ADDYY, then on track 037° to cross IXION at 6000 and at 210K, then on track 037°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 31L: From VIICH on track 179° to PRKKR, then on track 153° to cross BEKKK at or above 8000, then on track 130° to cross PATII at or above 7000, then on track 130° to cross KEENM at 6000 and at 210K, then on track 130°. Expect RADAR vectors to final approach course.

LANDING SKF/BAZ/CVB/SSF/PEZ/5C1/RND: From POPPO on track 179° to cross VIICH at or below 9000 and at 250K, then on track 179° to cross GAYMS at 9000, then on track 179°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

SAT RUNWAY 4: After LOWWN proceed to HARDD at 5000 and hold.

SAT RUNWAY 22: After IXION proceed to AIROR at 6000 and hold.

SAT RUNWAY 31L: After KEENM proceed to TRNKS at 3400, then on ILS or LOC RWY 31L or RNAV (GPS) Y RWY 31L approach.

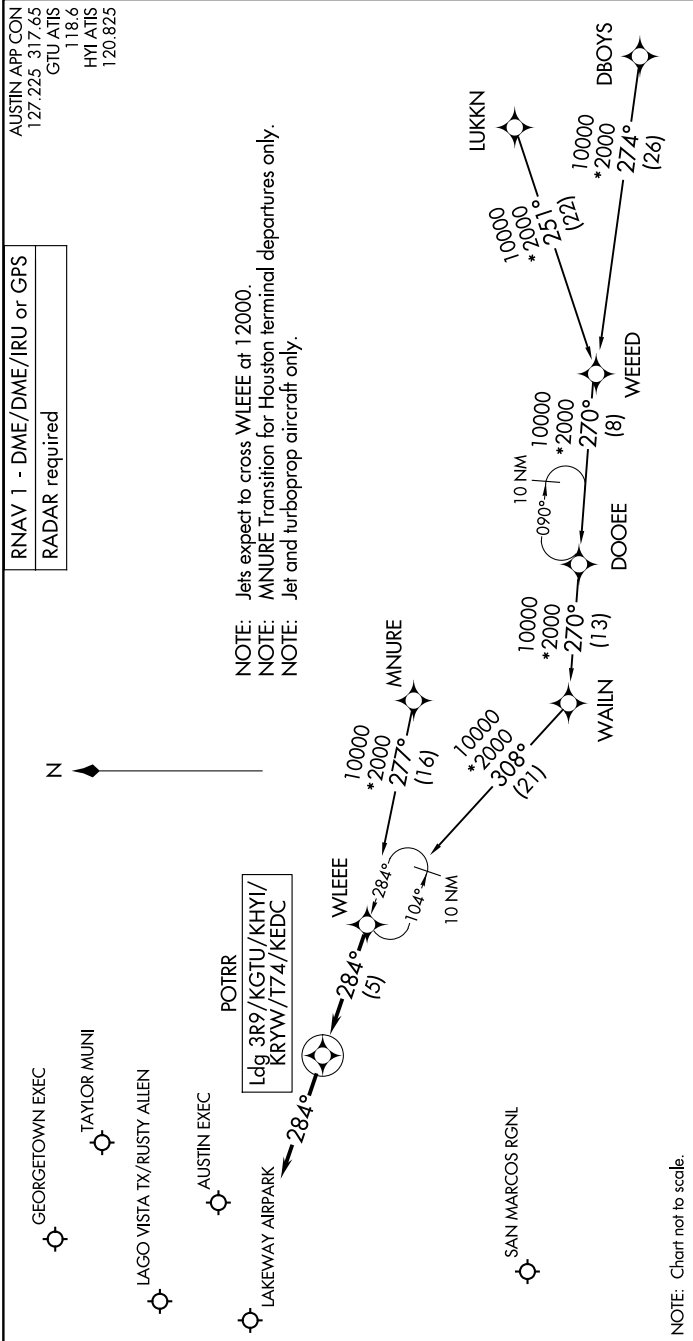
(WLEEE.POTRR2) 25051

Z20

AL-5891 (FAA)

POTRR TWO ARRIVAL (RNAV)

AUSTIN, TEXAS



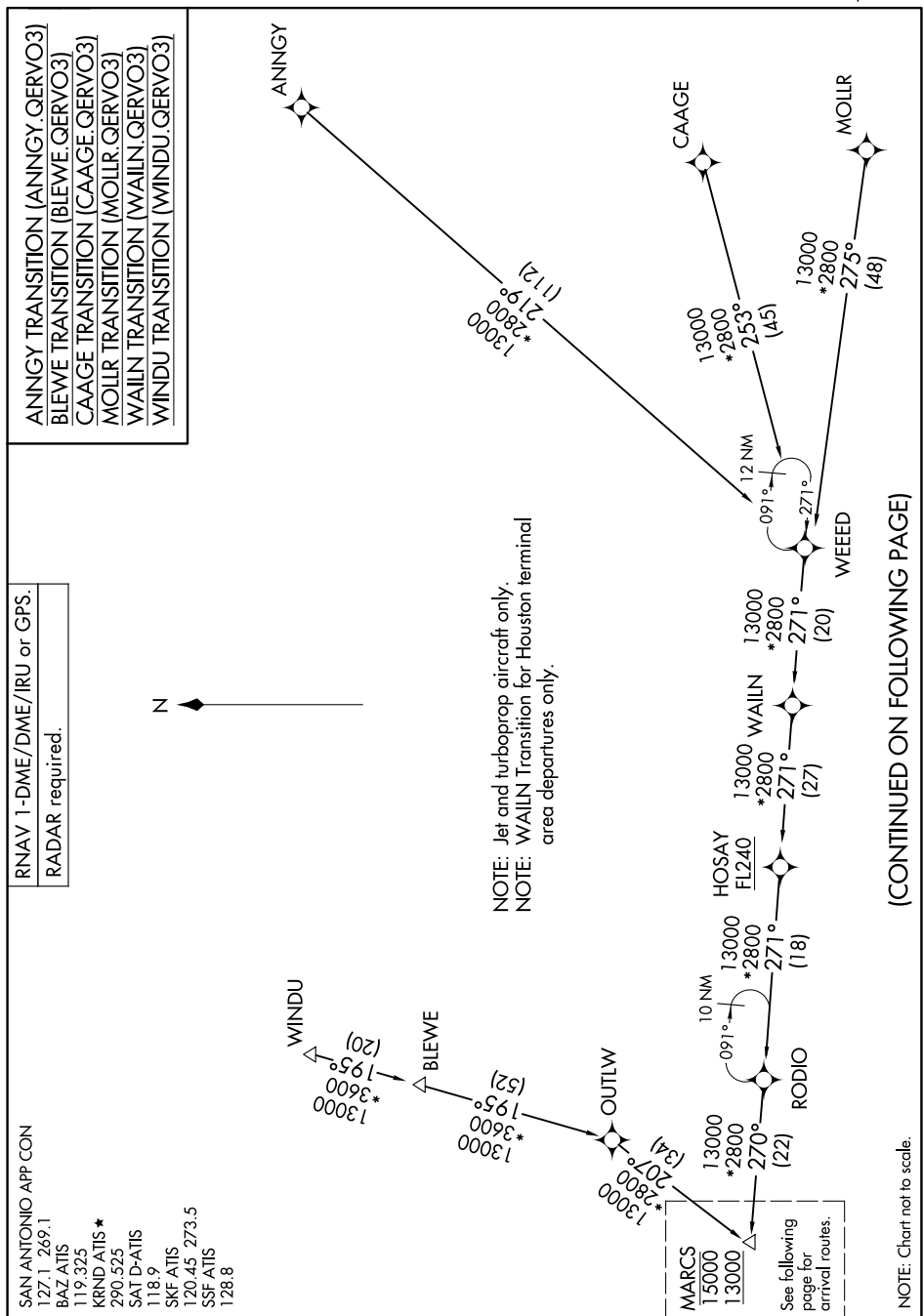
POTRR TWO ARRIVAL (RNAV)

(WLEEE.POTRR2) 14JUL22

AUSTIN, TEXAS

QERVO THREE ARRIVAL (RNAV) Transition Routes

SAN ANTONIO, TEXAS



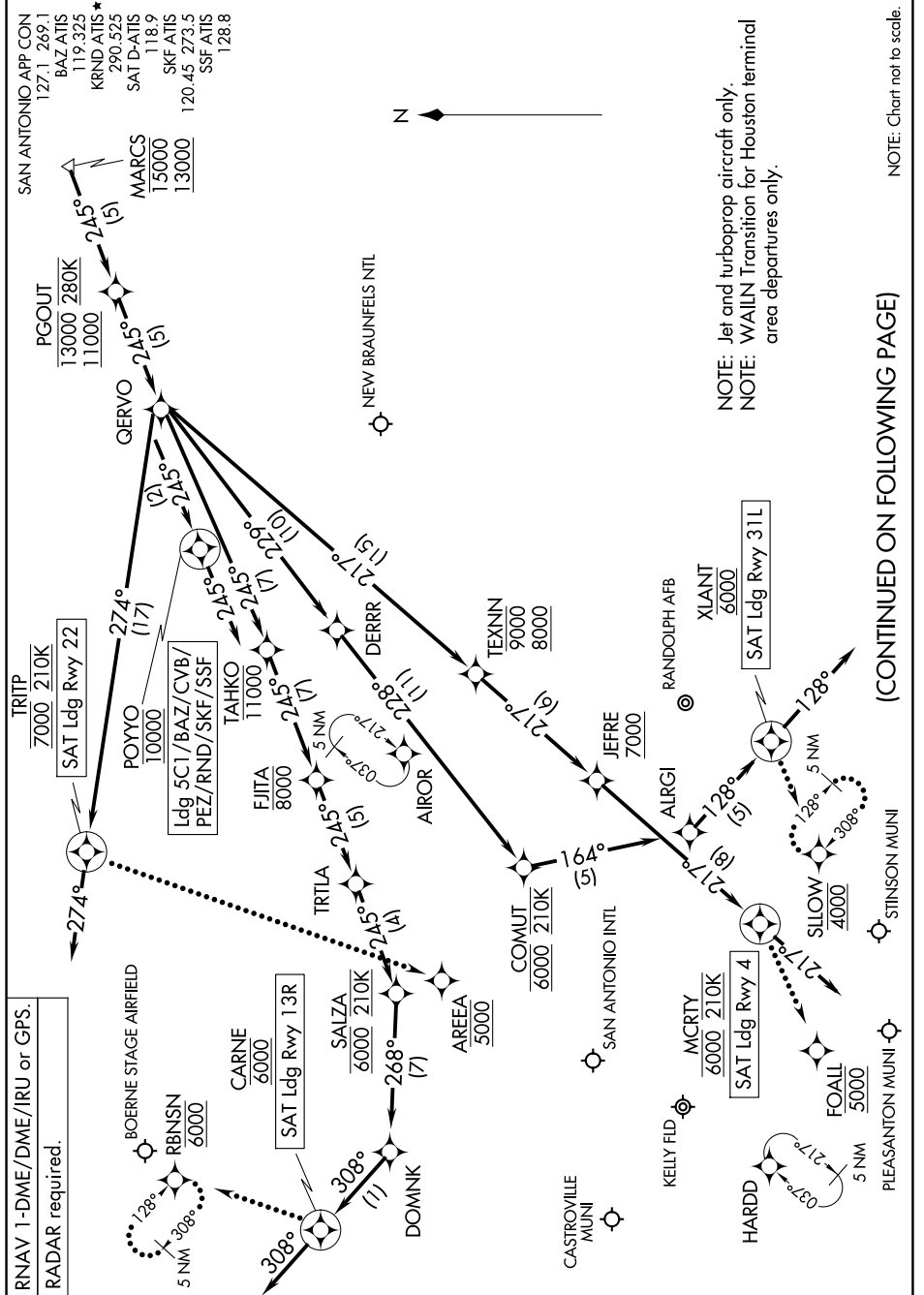
(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-3, 03 SEP 2026 to 29 OCT 2026

QERVO THREE ARRIVAL (RNAV) Arrival Routes

SAN ANTONIO, TEXAS



QERVO THREE ARRIVAL (RNAV) Arrival Routes

SAN ANTONIO, TEXAS

(CONTINUED ON FOLLOWING PAGE)

ARRIVAL ROUTE DESCRIPTION

SAN ANTONIO INTL (SAT): From MARCS on track 245° to cross PGOUT between 11000 and 13000 and at 280K, then on track 245° to QERVO.

LANDING SAT RUNWAY 4: From QERVO on track 217° to cross TEXNN between 8000 and 9000, then on track 217° to cross JEFRE at or above 7000, then on track 217° to cross MCRTY at 6000 and at 210K, then on track 217°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 13R: From QERVO on track 245° to cross TAHKO at or below 11000, then on track 245° to cross FJITA at or below 8000, then on track 245° to TRTLA, then on track 246° to cross SALZA at 6000 and at 210K, then on track 268° to DOMNK, then on track 308° to cross CARNE at 6000, then on track 308°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 22: From QERVO on track 274° to cross TRITP at 7000 and at 210K, then on track 274°. Expect RADAR vectors to final approach course.

LANDING SAT RUNWAY 31L: From QERVO on track 229° to DERRR, then on track 228° to cross COMUT at 6000 and at 210K, then on track 164° to ALRGI, then on track 128° to cross XLANT at 6000, then on track 128°. Expect RADAR vectors to final approach course.

LANDING SKF/BAZ/CVB/SSF/PEZ/5C1/RND: From MARCS on track 245° to cross PGOUT between 11000 and 13000 and at 280K, then on track 245° to QERVO, then on track 245° to cross POYYO at 10000, then on track 245°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

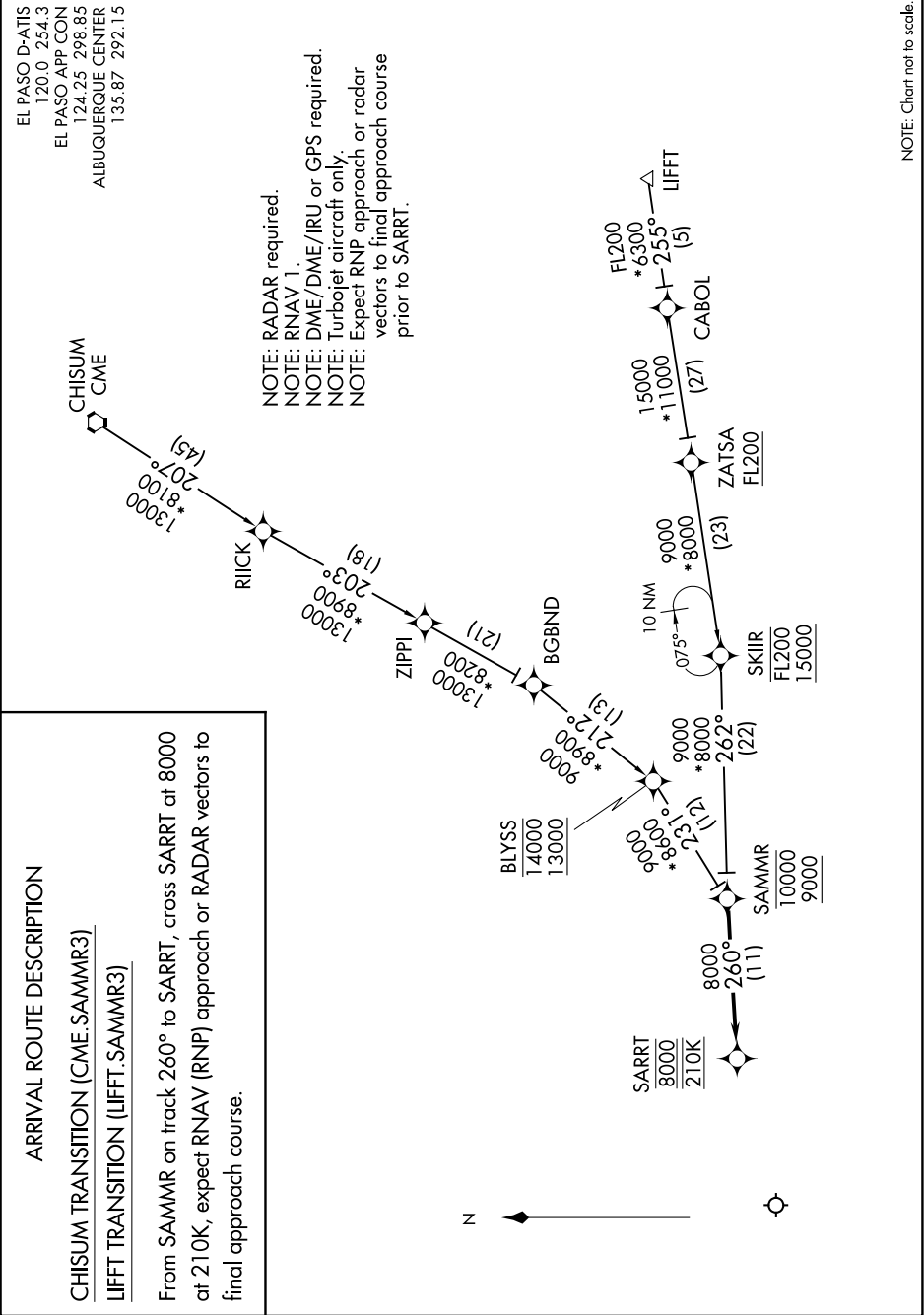
SAT RUNWAY 4: After MCRTY, proceed to FOALL at 5000, then on ILS or LOC RWY 4 or RNAV (GPS) Y RWY 4 approach.

SAT RUNWAY 13R: After CARNE, proceed to RBNSN at 6000 and hold.

SAT RUNWAY 22: After TRITP proceed to AREEA at 5000, then on RNAV (GPS) Y RWY 22 approach.

SAT RUNWAY 31L: After XLANT, proceed to SLOW at 4000 and hold.

SAMMR THREE ARRIVAL (RNAV)



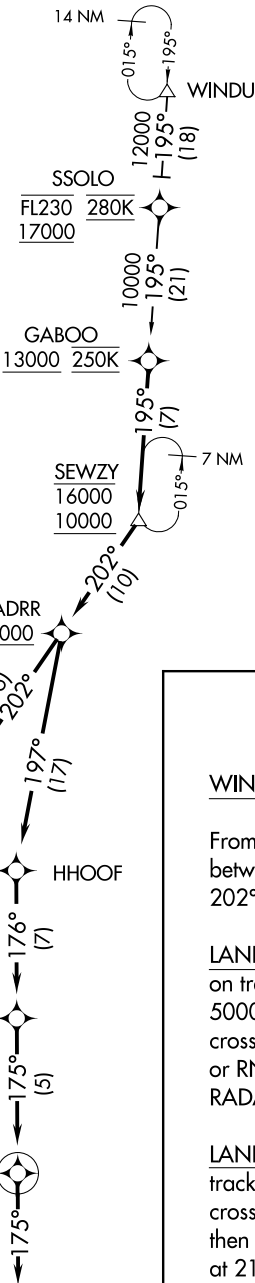
SAMMR THREE ARRIVAL (RNAV)

(GABOO.SEWZY6) 21112
SEWZY SIX ARRIVAL (RNAV)

AL-556 (FAA)

AUSTIN-BERGSTROM INTL (AUS)
AUSTIN, TEXAS

AUSTIN APP CON
127.225 317.65
D-ATIS
124.4



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turbojet and turboprop aircraft only.
NOTE: Expect rwy assignment from AUSTIN TRACON upon initial contact.

ARRIVAL ROUTE DESCRIPTION

WINDU TRANSITION (WINDU.SEWZY6)

From GABOO on track 195° to cross SEWZY between 10000 and 16000, then on track 202° to cross VADRR at or above 8000.

LANDING RUNWAYS 18L/R: From VADRR on track 202° to cross MGTEC at or above 5000 and at 220K, then on track 221° to cross JEDYE at 4000 and at 210K. Expect ILS or RNAV (RNP) RWY 18L/R approach or RADAR vectors to final approach course.

LANDING RUNWAYS 36L/R: From VADRR on track 197° to HHOOF, then on track 176° to cross MMARE at or above 6000 and at 220K, then on track 175° to cross SMRFF at 5000 and at 210K, then on track 175°. Expect RADAR vectors to final approach course.

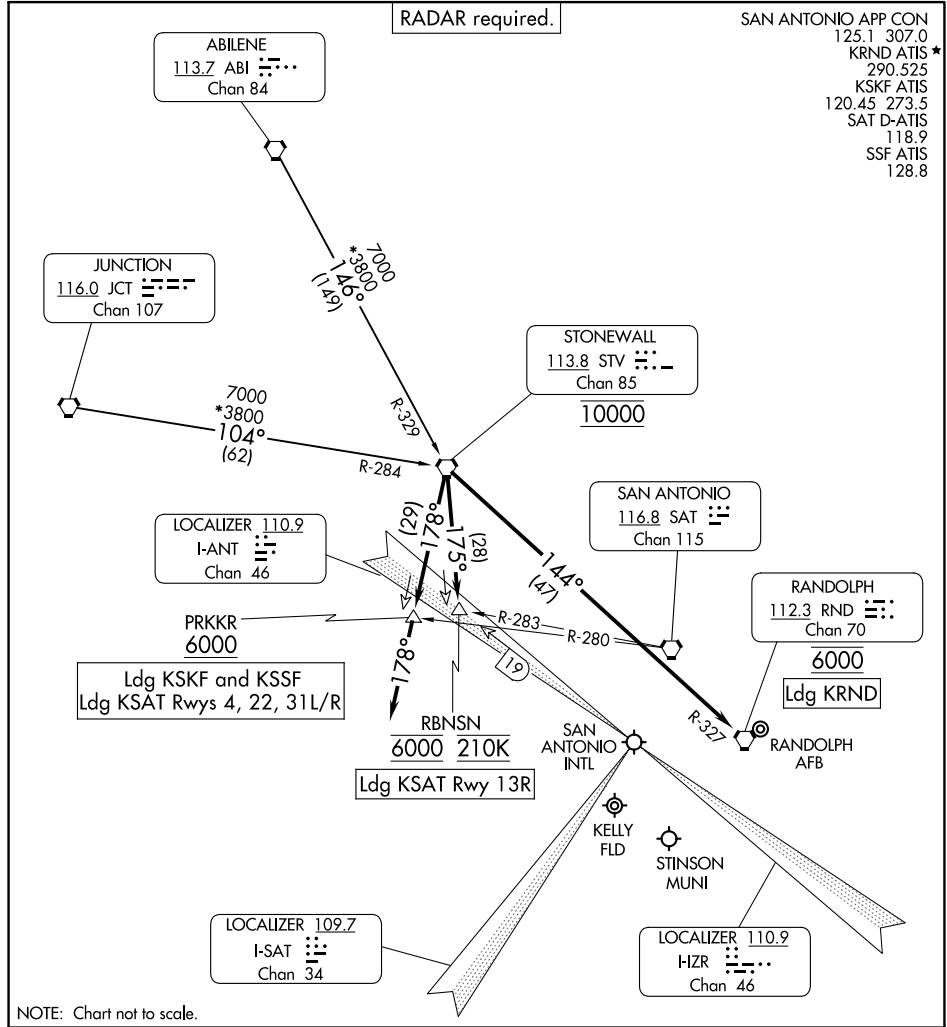
NOTE: Chart not to scale.

SEWZY SIX ARRIVAL (RNAV)
(GABOO.SEWZY6) 22APR21

AUSTIN, TEXAS
AUSTIN-BERGSTROM INTL (AUS)

STONEWALL TWO ARRIVAL

SAN ANTONIO, TEXAS



ARRIVAL ROUTE DESCRIPTION

ABILENE TRANSITION (ABI.STV2): From over ABI VORTAC on ABI R-146 and STV R-329 to STV VORTAC. Thence

JUNCTION TRANSITION (JCT.STV2): From over JCT VORTAC on JCT R-104 and STV R-284 to STV VORTAC. Thence

LANDING KSAT RUNWAY 13R: From STV VORTAC on STV R-175 to cross RBNSN at 6000 and at 210K, expect ILS or LOC Rwy 13R approach.

LANDING KSAT RUNWAYS 4, 22, 31L/R, KSKF/KSSF: From STV VORTAC on STV R-178 to cross PRKKR at or above 6000, then on heading 178°, expect RADAR vectors to final approach course.

LANDING KRND: From STV VORTAC on STV R-144 and RND R-327 to cross RND VORTAC at 6000, expect RADAR vectors to final approach course.

STONEWALL TWO ARRIVAL

SAN ANTONIO, TEXAS

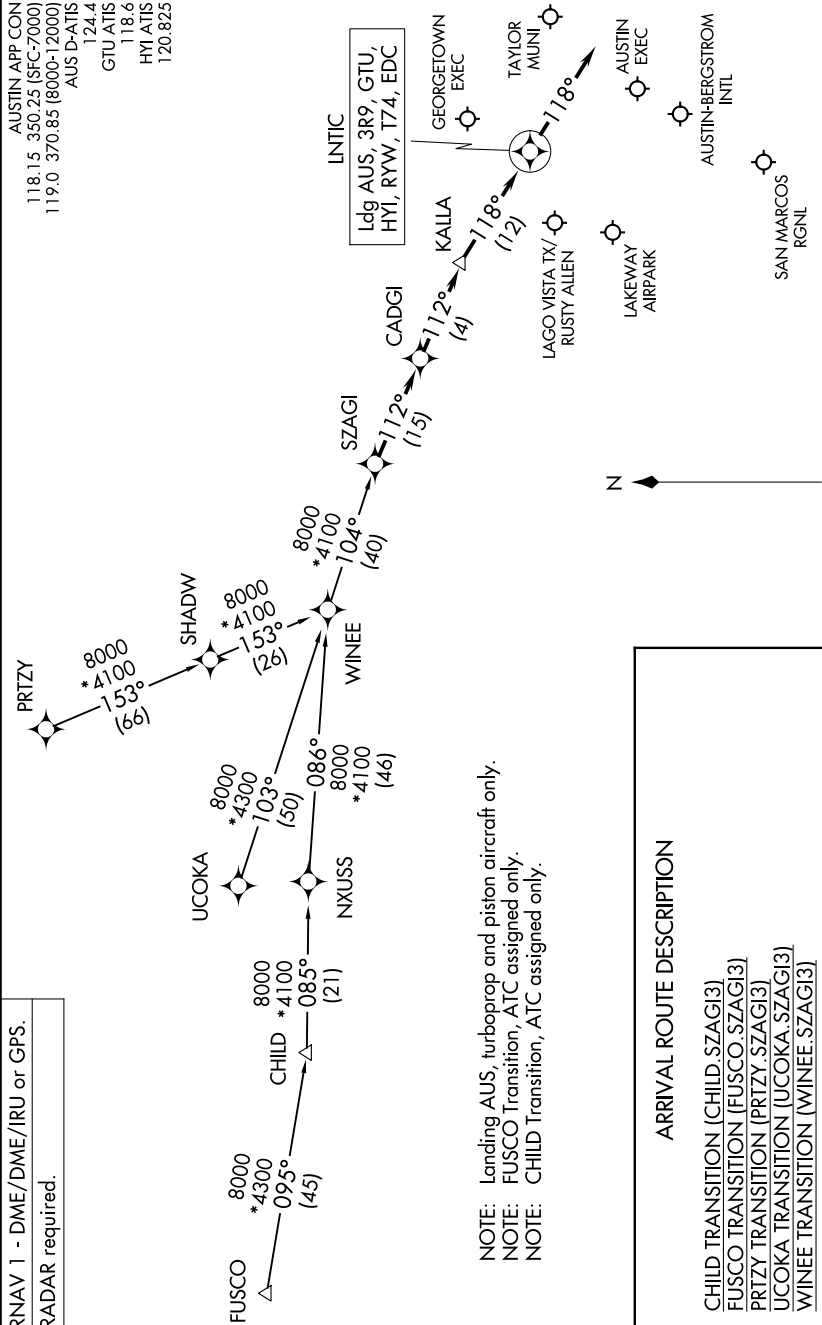
RNAV 1 - DME/DME/IRU or GPS.
RADAR required.

AUSTIN APP CON
118.15 350.25 (SFC-7000)
119.0 370.85 (8000-12000)
AUS D-ATIS
124.4
GTU ATIS
118.6
HYI ATIS
120.825

(SZAGI.SZAGI3) 25275
SZAGI THREE ARRIVAL (RNAV)

AL-556 (FAA)

AUSTIN, TEXAS



ARRIVAL ROUTE DESCRIPTION

CHILD TRANSITION (CHILD.SZAGI3)
FUSCO TRANSITION (FUSCO.SZAGI3)
PRZY TRANSITION (PRZY.SZAGI3)
UCOKA TRANSITION (UCOKA.SZAGI3)
WINEE TRANSITION (WINEE.SZAGI3)

LANDING ALL AIRPORTS: From SZAGI on track 112° to CADGI, then on track 112° to KALLA, then on track 118° to LNTIC, then on track 118°. Expect RADAR vectors to final approach course.

NOTE: Chart not to scale.

(SZAGI.SZAGI3) 02OCT25
SZAGI THREE ARRIVAL (RNAV)

AUSTIN, TEXAS

(WAZKO.WAZKO1) 20030
WAZKO ONE ARRIVAL(RNAV)

AL-134 (FAA)

EL PASO INTL (ELP)
 EL PASO, TEXAS

EL PASO D-ATIS
 120.0 254.3
 EL PASO APP CON
 124.25 298.85
 ALBUQUERQUE CENTER
 128.2 285.5

SLNNK

14000
 *9800
 184°
 (23)

BOATY

12000
 *9800
 135°
 (30)

SEKBE
280K FL190

11000
 *8100
 137°
 (1)

WAZKO
13000
11000

9000
 150°
 (6)

JESBU
10000

WIKKR
210K 9000

6500
 167°
 (17)

KOACH
210K 8000

NOTE: RADAR required.
 NOTE: RNAV 1.
 NOTE: DME/DME/IRU or GPS required.
 NOTE: TURBOJET Aircraft only.
 NOTE: Landing Rwy 04 : Expect RNP approach
 or RADAR vectors to final approach
 course prior to KOACH.
 NOTE: Landing Rwy 22,26L : Expect RNP approach
 or RADAR vectors to final approach
 course prior to WIKKR.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.



WAZKO ONE ARRIVAL (RNAV)
 (WAZKO.WAZKO1) 03APR14

EL PASO, TEXAS
EL PASO INTL (ELP)

ARRIVAL ROUTE DESCRIPTION

SLNNK TRANSITION (SLNNK.WAZKO1):

LANDING RWY 4: From WAZKO on track 167° to KOACH at 8000 and at 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.

LANDING RWY 8R: From WAZKO on track 167° to KOACH at 8000 and at 210K. Expect RADAR vectors to final approach course.

LANDING RWY 22/26L: From WAZKO on track 150° to cross JEBSU at or above 10000, then on track 098° to cross WIKKR at 9000 and at 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.

LANDING RWY 26R: From WAZKO on track 150° to cross JEBSU at or above 10000, then on track 098° to cross WIKKR at 9000 and at 210K. Expect RADAR vectors to final approach course.

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WEBOX FOUR ARRIVAL (WEBOX.WEBOX4)

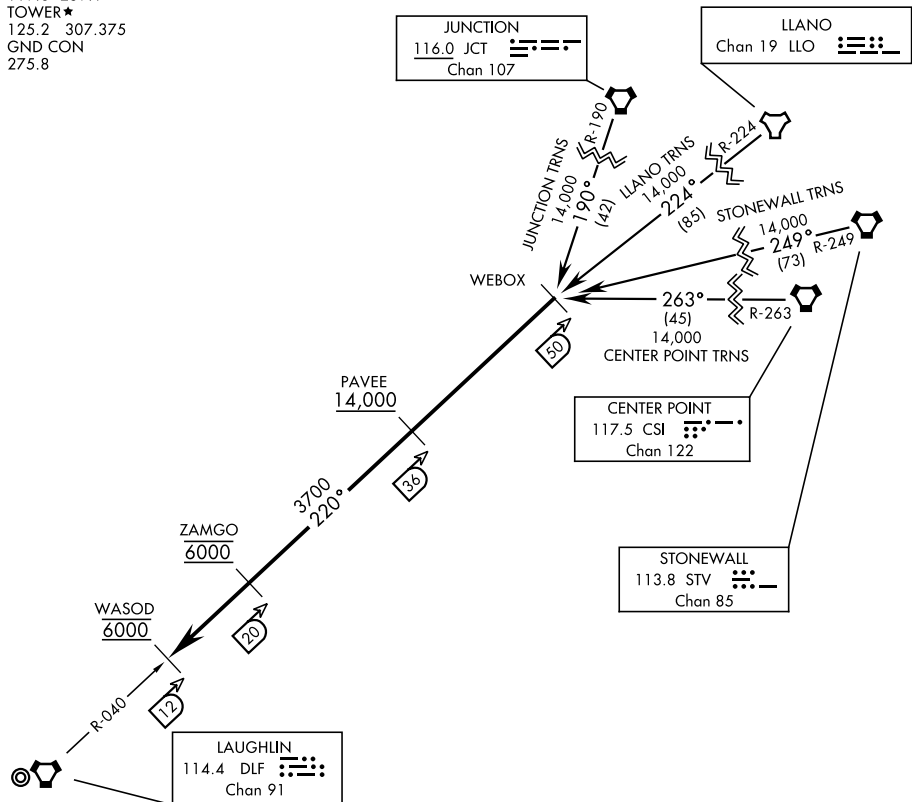
LAUGHLIN AFB

DEL RIO, TEXAS

ATIS ★ 114.4 269.9
 DEL RIO APP CON
 119.6 259.1
 TOWER ★
 125.2 307.375
 GND CON
 275.8

[USAF]

RADAR or DME required



ARRIVAL ROUTE DESCRIPTION

CENTER POINT Transition (CSI.WEBOX4): From over CSI VORTAC via CSI R-263 to WEBOX. Thence...

JUNCTION Transition (JCT.WEBOX4): From over JCT VORTAC via JCT R-190 to WEBOX. Thence...

LLANO Transition (LLO.WEBOX4): From over LLO TACAN via LLO R-224 to WEBOX. Thence...

STONEWALL Transition (STV.WEBOX4): From over STV VORTAC via STV R-249 to WEBOX. Thence...

...from over DLF R-040/50 (WEBOX) via DLF R-040 to DLF R-040/12 (WASOD).
 Expect vectors for an instrument approach to runway in use.

WEBOX FOUR ARRIVAL (WEBOX.WEBOX4)

DEL RIO, TEXAS

LAUGHLIN AFB

(WLEEE.WLEEE7) 25051
WLEEE SEVEN ARRIVAL (RNAV)

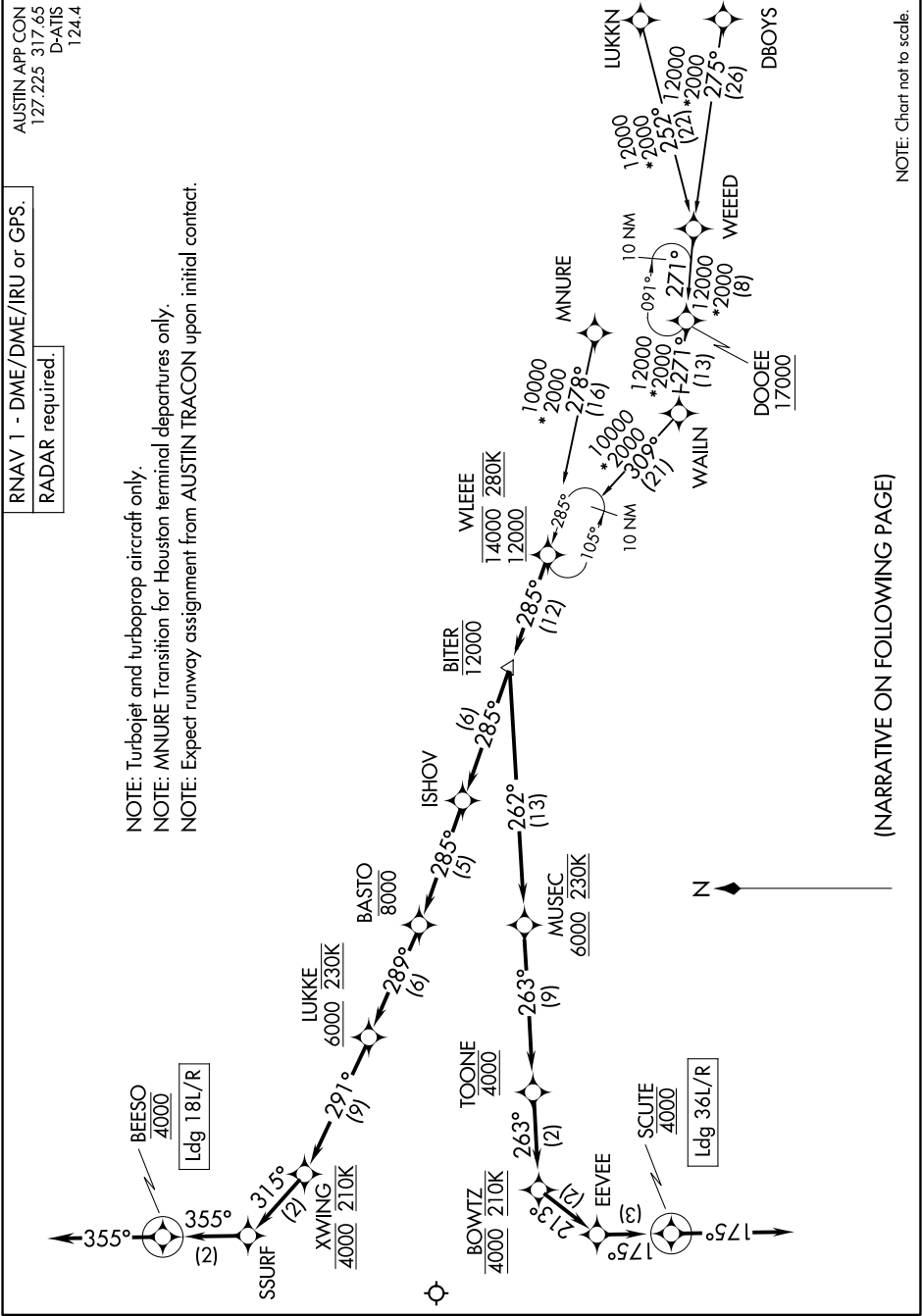
AL-556 (FAA)

AUSTIN-BERGSTROM INTL (AUS)
AUSTIN, TEXAS

AUSTIN APP CON
127.225 317.65
D-ATIS
124.4

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

NOTE: Turbojet and turboprop aircraft only.
NOTE: MNURE Transition for Houston terminal departures only.
NOTE: Expect runway assignment from AUSTIN TRACON upon initial contact.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

WLEEE SEVEN ARRIVAL (RNAV)
(WLEEE.WLEEE7) 14JUL22

AUSTIN, TEXAS
AUSTIN-BERGSTROM INTL (AUS)

ARRIVAL ROUTE DESCRIPTION

DBOYS TRANSITION (DBOYS.WLEEE7)

LUKKN TRANSITION (LUKKN.WLEEE7)

MNURE TRANSITION (MNURE.WLEEE7)

WAILN TRANSITION (WAILN.WLEEE7)

WEEED TRANSITION (WEEED.WLEEE7)

From WLEEE on track 285° to cross BITER at or below 12000.

LANDING RUNWAYS 18L/R: From BITER on track 285° to ISHOV, then on track 285° to cross BASTO at or below 8000, then on track 289° to cross LUKKE at or above 6000 and at 230K, then on track 291° to cross XWING at 4000 and at 210K, then on track 315° to SSURF, then on track 355° to cross BEESO at 4000, then on track 355°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 36L/R: From BITER on track 262° to cross MUSEC at or above 6000 and at 230K, then on track 263° to cross TOONE at 4000, then on track 263° to cross BOWTZ at 4000 and at 210K, then on track 213° to EEVEE, then on track 175° to cross SCUTE at 4000, then on track 175°. Expect RADAR vectors to final approach course.

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 42629 W13A	APP CRS 128°	Rwy ldg TDZE Apt Elev	5997 178 178
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RNAV (GPS) RWY 13

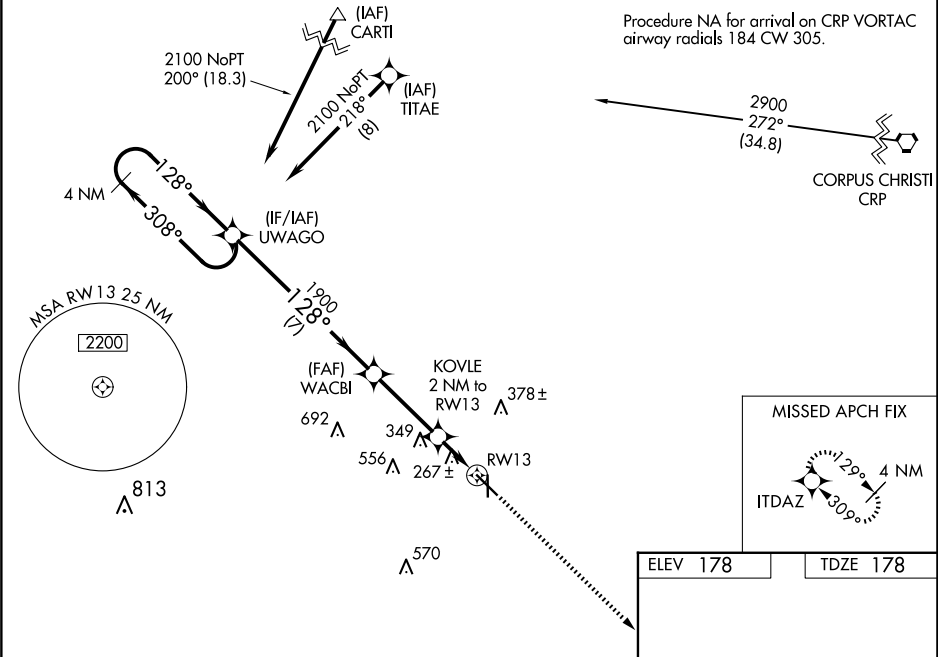
Alice Intl (ALI)

RNP APCH.

Baro-VNAV NA when using Nueces County altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C or above 42°C. When local altimeter setting not received, use Nueces County altimeter setting and increase all DA 56 feet and all MDA 60 feet, increase LPV and LNAV/VNAV visibility all Cats ¼ mile and LNAV Cat C and D ½ mile. Rwy 13 helicopter visibility reduction below ¾ SM NA. VDP NA with Nueces County altimeter setting.

MISSED APPROACH: Climb to 2600 direct ITDAZ and hold.

ASOS 119.225	KINGSVILLE APP CON ★ 119.9 290.45	UNICOM 123.0 (CTAF) 0
------------------------	---	---------------------------------



4 NM Holding Pattern

GP 3.00° TCH 50

2100

← 308°

128° →

UWAGO

WACBI 1900

KOVLE 2 NM to RWY 13

*1 NM to RWY 13

RWY 13

2600

ITDAZ

*LNAV only.

7 NM

3.3 NM

1 NM

1 NM

CATEGORY	A	B	C	D
LPV DA	428-¾ 250 (300-¾)			
LNAV/VNAV DA	428-¾ 250 (300-¾)			
LNAV MDA	560-1 382 (400-1)		560-1½ 382 (400-1½)	

ELEV 178

TDZE 178

128°

230

5997 X 100

35

REIL Rwy 13 0

MIRL Rwy 13-31 and 17-35 0

LOC/DME I-ALI 109.3 Chan 30	APP CRS 308°	Rwy Idg 5997 TDZE 174 Apt Elev 178
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LOC/DME RWY 31
ALICE INTL (ALI)

RADAR required for procedure entry from Corpus Christi CRP VORTAC.

T VDP NA when using Nueces County altimeter setting. When local altimeter setting not received, use Nueces County altimeter setting and increase all MDAs 60 feet and S-LOC 31 visibility Cat C/D $\frac{1}{4}$ SM, and Circling visibility Cat D $\frac{1}{4}$ SM. For inop ALS when using Nueces County altimeter setting, increase S-31 Cats C, D visibility to $1\frac{1}{2}$ SM.

MALS



MISSED APPROACH: Climb to 1500 then climbing left turn to 2000 on direct ALI VOR and hold.

ASOS 119.225	KINGSVILLE APP CON ★ 119.9 290.45	UNICOM 123.0 (CTAF) 0
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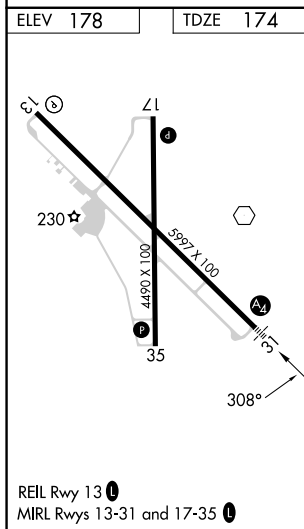
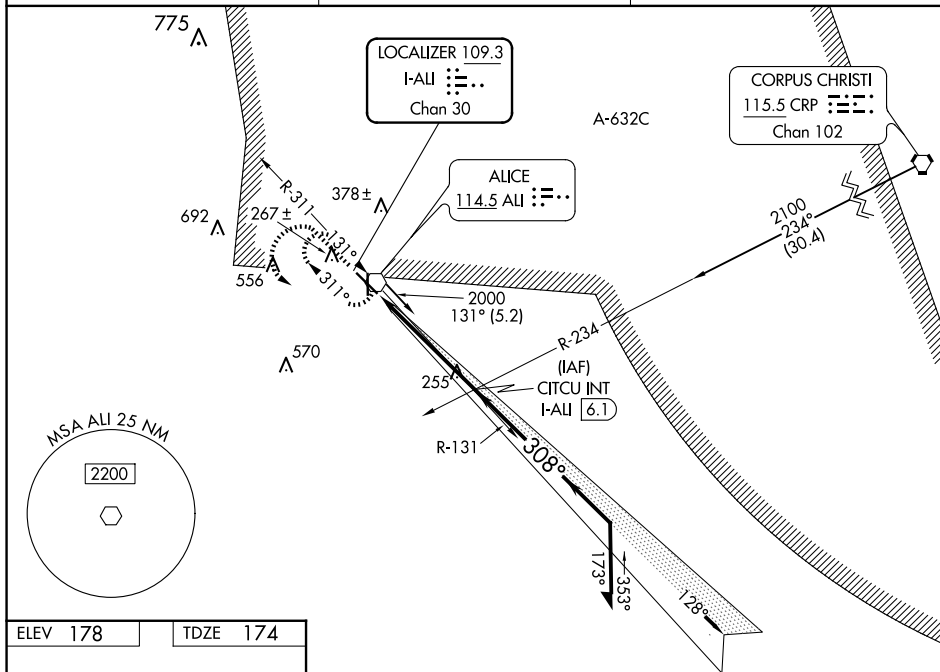


Diagram illustrating the geometry of a descent path. The diagram shows a horizontal line representing the ground, with a vertical dashed line representing the CITU INT. A curved line represents the descent path, starting from a point labeled "I-ALI 1.2" and ending at a point labeled "I-ALI 2.1". The angle between the horizontal line and the descent path is 3.04°. The distance from the start of the descent to the CITU INT is 1.9 NM. The distance from the CITU INT to the end of the descent is 3.9 NM. The diagram also shows a 128° angle between the descent path and a line extending from the CITU INT, and a 308° angle between the descent path and a line extending from the CITU INT. A note states "Remain within 10 NM".

ALPINE, TEXAS

AL-6295 (FAA)

26190

WAAS CH 77923 W19A	APP CRS 194°	Rwy Ldg TDZE 4482 Apt Elev 4514
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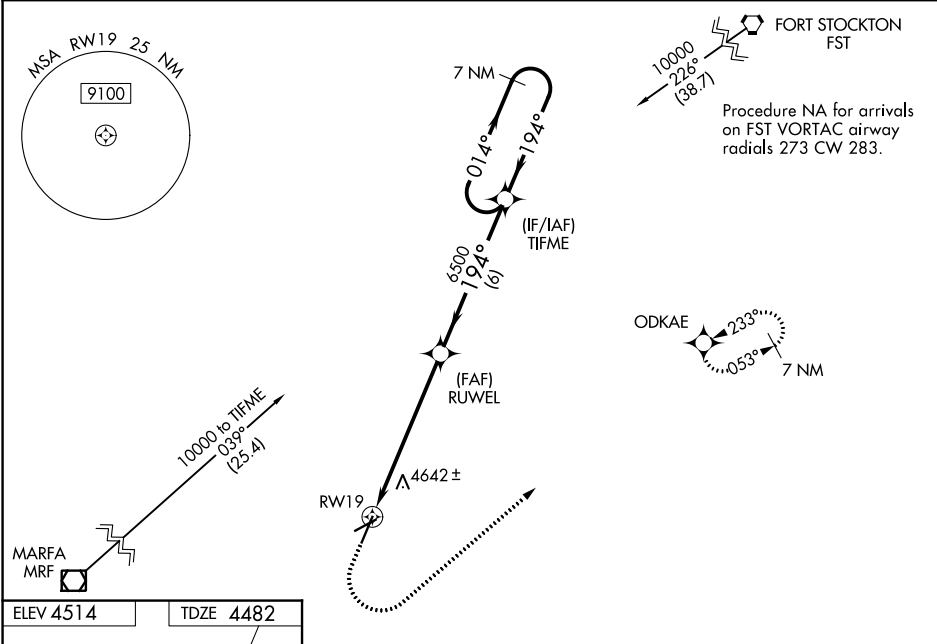
RNAV (GPS) RWY 19
ALPINE-CASPARIS MUNI (E38)

RNP APCH - GPS.

⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C or above 54°C. Circling NA W of Rwy 1-19. Rwy 19 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: (Do not exceed 165K until ODKAE) Climb to 5200 then climbing left turn to 9000 direct ODKAE and hold, continue climb-in-hold to 9000.

AWOS-3 119.025	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.8 (CTAF) 0
--------------------------	---	---------------------------------



194°

5018 X 60
1.2% UP
6002 X 75
1.1% UP

5200 9000 ODKAE

7 NM Holding Pattern

TIFME

014°
194°
8000

GP 3.00°
TCH 40

2.2 NM to RW19

RUWEL 6500

6500

2.2 NM 4.1 NM 6 NM

CATEGORY	A	B	C	D
LPV DA	4964-1⅜	482 (500-1⅜)		NA
LNAV/VNAV DA	5125-1⅞	643 (700-1⅞)		NA
LNAV MDA	5180-1	698 (700-1)	5180-2 698 (700-2)	NA
CIRCLING	5180-1 666 (700-1)	5460-1¼ 946 (1000-1¼)	5760-3 1246 (1300-3)	NA

MIRL Rwys 1-19 and 5-23 0

ALPINE, TEXAS
Amdt 1B 21MAR24

30°23'N-103°41'W

ALPINE-CASPARIS MUNI (E38)
RNAV (GPS) RWY 19

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ALPINE, TEXAS

AL-6295 (FAA)

26190

WAAS CH 50234 W23A	APP CRS 233°	Rwy Ldg TDZE 4482 Apt Elev 4514
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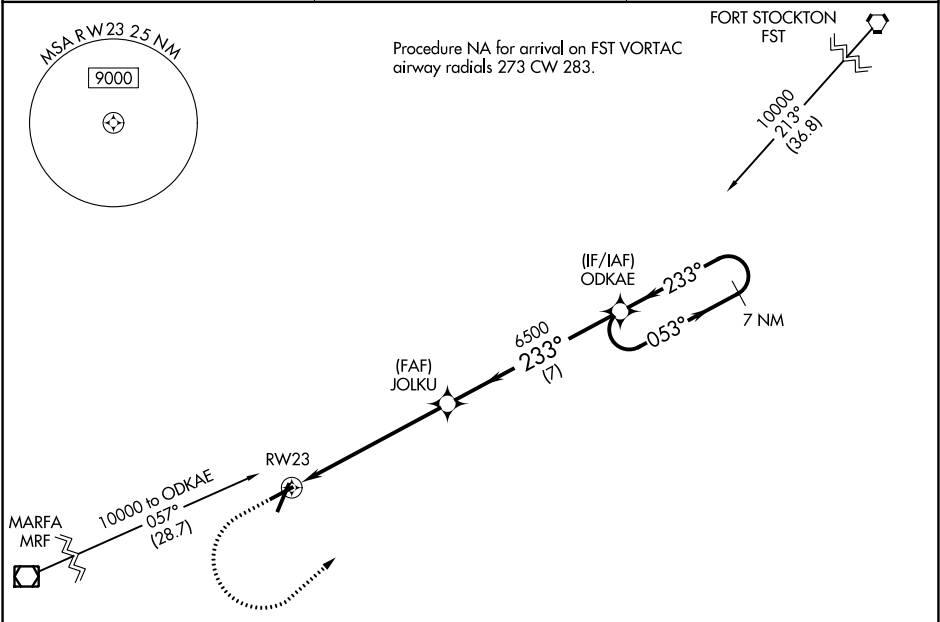
RNAV (GPS) RWY 23
ALPINE-CASPARIS MUNI (E38)

▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (-9°F) or above 54°C (130°F). Circling NA west of Rwy 1-19.

▲ Rwy 23 helicopter visibility reduction below ¾ SM NA.
DME/DME RNP-0.3 NA.

MISSED APPROACH: (Do not exceed 165K until ODKAE)
Climb to 5400 then climbing left turn to 9000 direct ODKAE and hold, continue climb-in-hold to 9000.

AWOS-3 119.025	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.8 (CTAF) 0
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ELEV 4514	TDZE 4482
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5400 **9000** **ODKAE**

*LNAV only.

5018 X 60 **8002 X 75**

1.2% UP **1.1% UP**

233°

MRL Rwy 1-19 and 5-23 0

5400 **9000** **ODKAE**

JOLKU **6500**

RW23

2.8 NM **3.5 NM** **7 NM**

5400-1 1/4 **918 (900-1 1/4)** **5400-2 1/2** **918 (900-2 1/2)**

5400-1 1/4 **886 (900-1 1/4)** **5460-1 1/4** **946 (1000-1 1/4)** **5760-3** **1246 (1300-3)**

GP 3.00°
TCH 40

7 NM Holding Pattern

053° **233°** **8000**

CATEGORY	A	B	C	D
LPV DA	4999-1 3/8 517 (500-1 3/8)			NA
LNAV/VNAV DA	5087-1 3/4 605 (600-1 3/4)			NA
LNAV MDA	5400-1 1/4 918 (900-1 1/4) 5400-2 1/2 918 (900-2 1/2)			NA
CIRCLING	5400-1 1/4 886 (900-1 1/4) 5460-1 1/4 946 (1000-1 1/4) 5760-3 1246 (1300-3)			NA

ALPINE, TEXAS

Orig 01FEB18

30°23'N-103°41'W

ALPINE-CASPARIS MUNI (E38)
RNAV (GPS) RWY 23

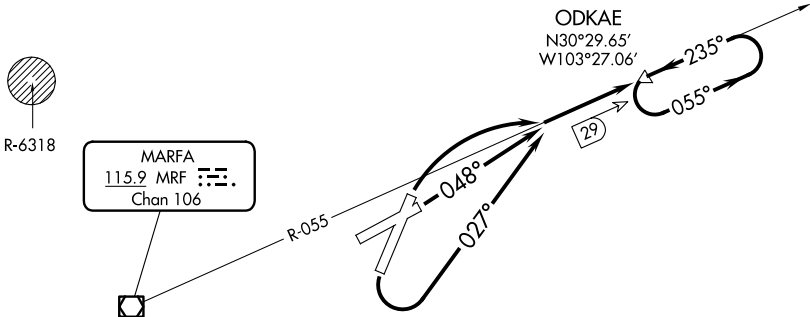
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ODKAE ONE DEPARTURE (OBSTACLE)

ALBUQUERQUE CENTER
135.875 292.15
CTAF
122.8

TAKEOFF MINIMUMS
Rwy 23: NA - Obstacle.
Rwys 1, 5: Standard.
Rwy 19: Standard with minimum climb of 432' per
NM to 6800 or 1800-3 for VCOA.



NOTE: DME required.

(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climbing right turn to intercept MRF VOR/DME R-055 to ODKAE/29 DME, thence...

TAKEOFF RUNWAY 5: Climb on heading 048° to intercept MRF VOR/DME R-055 to ODKAE/29 DME, thence...

TAKEOFF RUNWAY 19: Climbing left turn on heading 027° to intercept MRF VOR/DME R-055 to ODKAE/29 DME, thence...

...continue climb in ODKAE holding pattern to 8600 before proceeding on course.

VCOA RUNWAY 19: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Alpine-Casparis Muni airport at or above 6200 on heading 027° and on MRF VOR/DME R-055 to ODKAE/29 DME, do not exceed 210K until established on MRF R -055 to ODKAE. Continue climb in ODKAE holding pattern to 8600 before proceeding on course.

TAKEOFF OBSTACLE NOTES

- Rwy 1: Fence 9' from DER, 283' left of centerline, 9' AGL/4458' MSL.
Sign 13' from DER, 239' right of centerline, 4452' MSL.
Vehicle on road 85' from DER, 278' left of centerline, 15' AGL/4463' MSL.
Pole 811' from DER, 470' right of centerline, 4470' MSL.
- Rwy 5: Sign 13' from DER, 239' left of centerline, 4452' MSL.
Sign 18' from DER, 164' right of centerline, 4453' MSL.
Antenna, vehicle on road, pole beginning 21' from DER, 400' right of centerline, up to 25' AGL/4474' MSL.
Tree 190' from DER, 468' left of centerline, 11' AGL/4455' MSL.
Trees beginning 292' from DER, 475' left of centerline, up to 19' AGL/4462' MSL.
Poles, tree beginning 480' from DER, 187' right of centerline, up to 4478' MSL.
Pole 612' from DER, 626' left of centerline, 33' AGL/4472' MSL.
Pole 1060' from DER, 658' left of centerline, 4476' MSL.
- Rwy 19: Vehicle on road, sign, tree beginning 1' from DER, 165' left of centerline, up to 4526' MSL.
Terrain 57' from DER, 121' right of centerline, 4516' MSL.
Vehicle on road 74' from DER, 276' right of centerline, 15' AGL/4531' MSL.
Vehicle on road 230' from DER, 290' left of centerline, 4527' MSL.
Vehicles on road beginning 293' from DER, 277' right of centerline, up to 4535' MSL.
Vehicles on road beginning 379' from DER, 265' right of centerline, up to 4536' MSL.
Vehicle on road 420' from DER, 289' left of centerline, 4528' MSL.
Pole 536' from DER, 573' left of centerline, 4548' MSL.
Windmill, vehicle on road, poles, tree beginning 548' from DER, 183' left of centerline, up to 4554' MSL.
Poles beginning 1325' from DER, 60' right of centerline, up to 4561' MSL.
Poles beginning 1334' from DER, 279' left of centerline, up to 4556' MSL.
Pole 1565' from DER, 689' right of centerline, 4562' MSL.
Terrain 2.4 NM from DER, 2888' left of centerline, 4927' MSL.

AUSTIN, TEXAS

AL-5891 (FAA)

26190

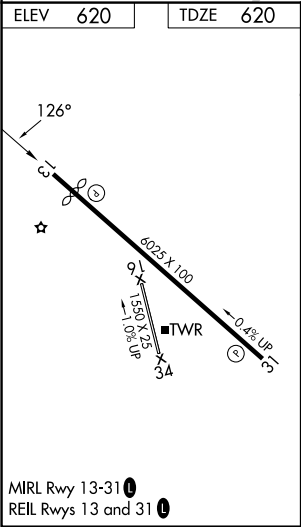
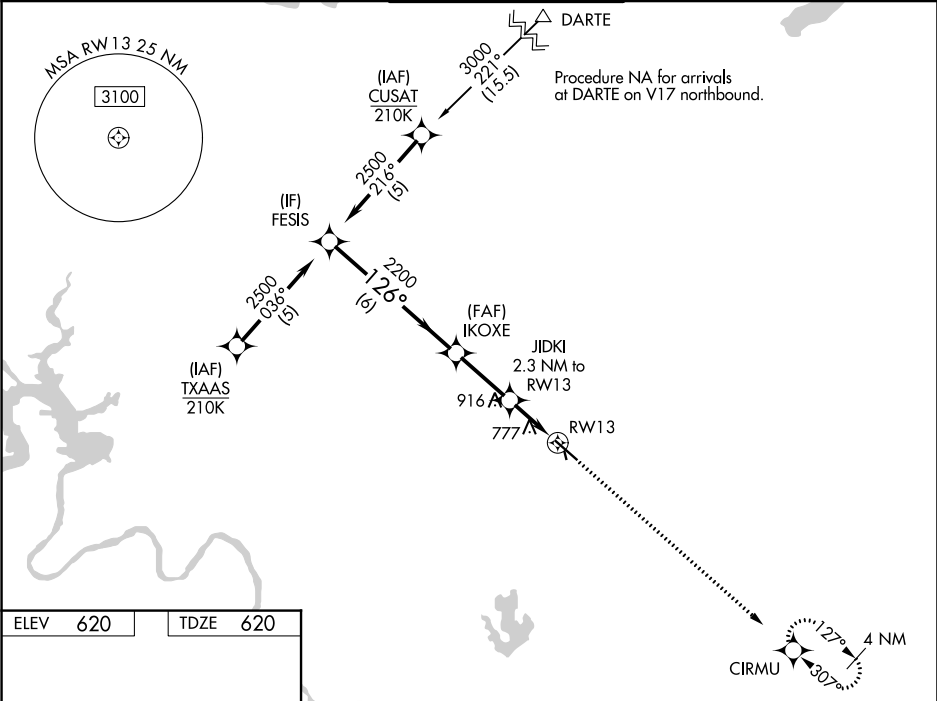
WAAS CH 63116 W13A	APP CRS 126°	Rwy Ldg TDZE Apt Elev	5425 620 620
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RNAV (GPS) RWY 13

AUSTIN EXEC (EDC)

RNP APCH - GPS.	MISSED APPROACH: Climb to 2200 direct CIRMU and hold.
Circling NA to Rwy 16 and 34. Rwy 13 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.	

AWOS-3 118.825	AUSTIN APP CON 127.225 317.65	EXECUTIVE TOWER ★ 120.3 (CTAF) 0	GND CON 119.45	UNICOM 122.975
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ELEV 620 TDZE 620		FESIS 2500 IKOXE 2200 JIDKI 2.3 NM to RW13 1.3 NM to RW13 RW13		2200 CIRMU
GP 3.00° TCH 40		6 NM 2.5 NM 1 NM 1.3 NM		
CATEGORY	A	B	C	D
LPV DA	870-¾ 250 (300-¾)			
LNAV/VNAV DA	1080-1¾ 460 (500-1¾)			
LNAV MDA	1080-1	460 (500-1)	1080-1¾	460 (500-1¾)
CIRCLING	1140-1 520 (600-1)	1160-1 540 (600-1)	1280-1¾ 660 (700-1¾)	1280-2 660 (700-2)

AUSTIN, TEXAS

Amdt 1 23FEB23

30°24'N-97°34'W

AUSTIN EXEC (EDC)

RNAV (GPS) RWY 13

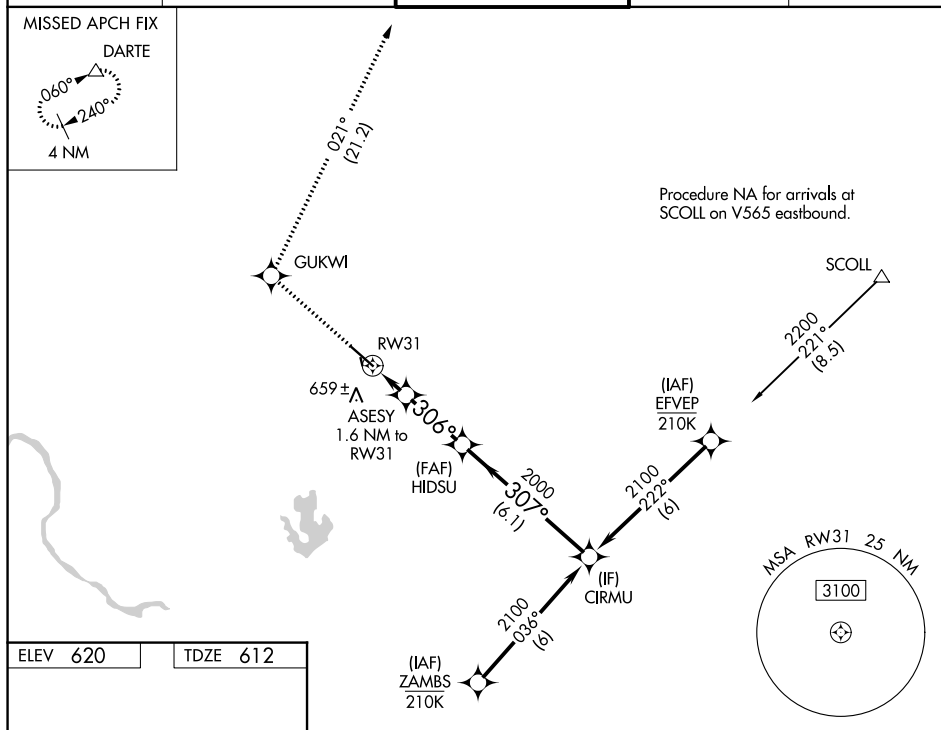
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

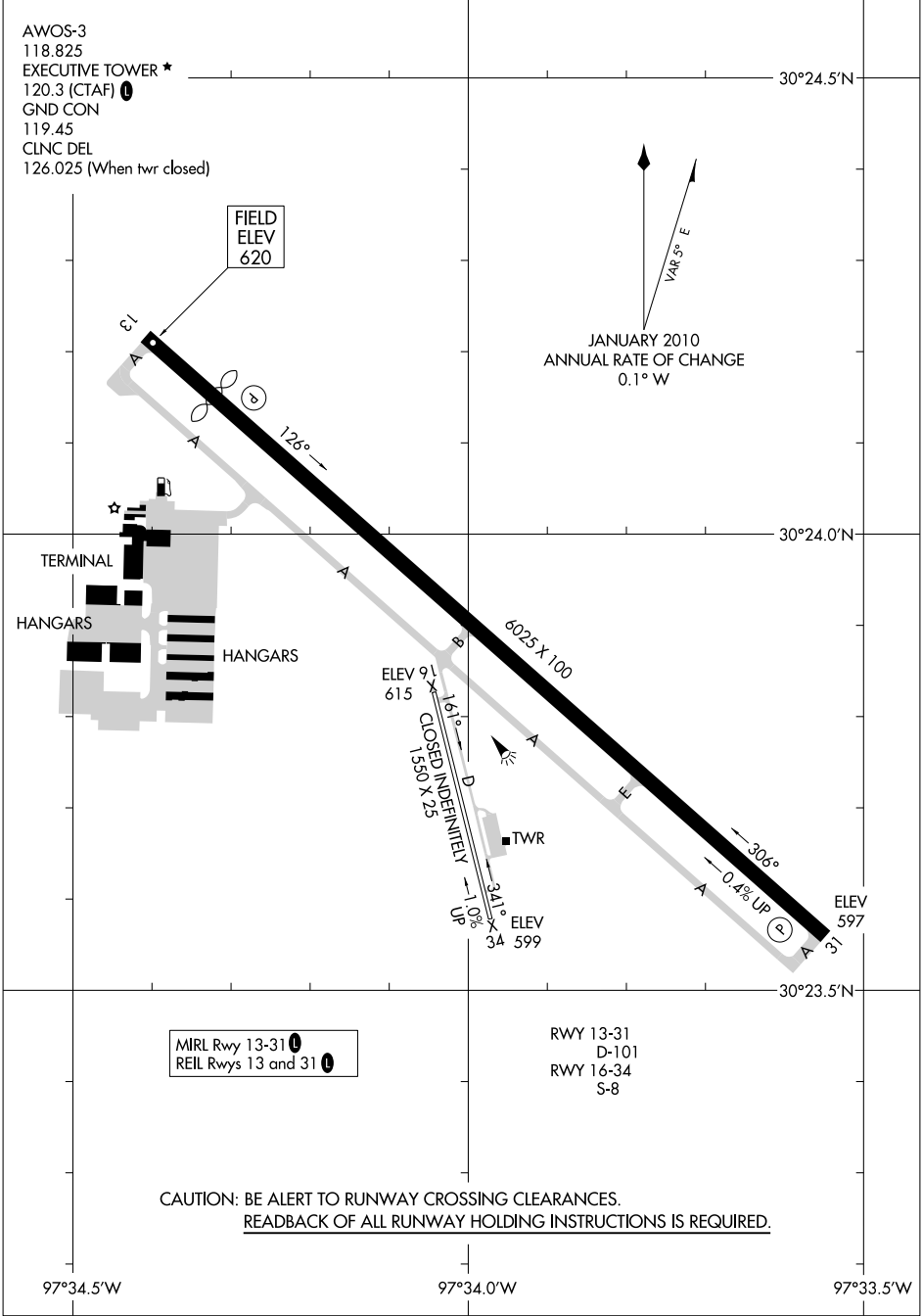
WAAS CH 45916 W31A	APP CRS 306°	Rwy Ldg 6025 TDZE 612 Apt Elev 620
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RNAV (GPS) RWY 31
AUSTIN EXEC (EDC)

RNP APCH - GPS.			MISSED APPROACH: Climb to 3500 direct GUKWI and on track 021° to DARTE and hold.		
 Circling NA to Rwy's 16 and 34. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.					
AWOS-3 118.825	AUSTIN APP CON 127.225 317.65	EXECUTIVE TOWER ★ 120.3 (CTAF) 0	GND CON 119.45	UNICOM 122.975	



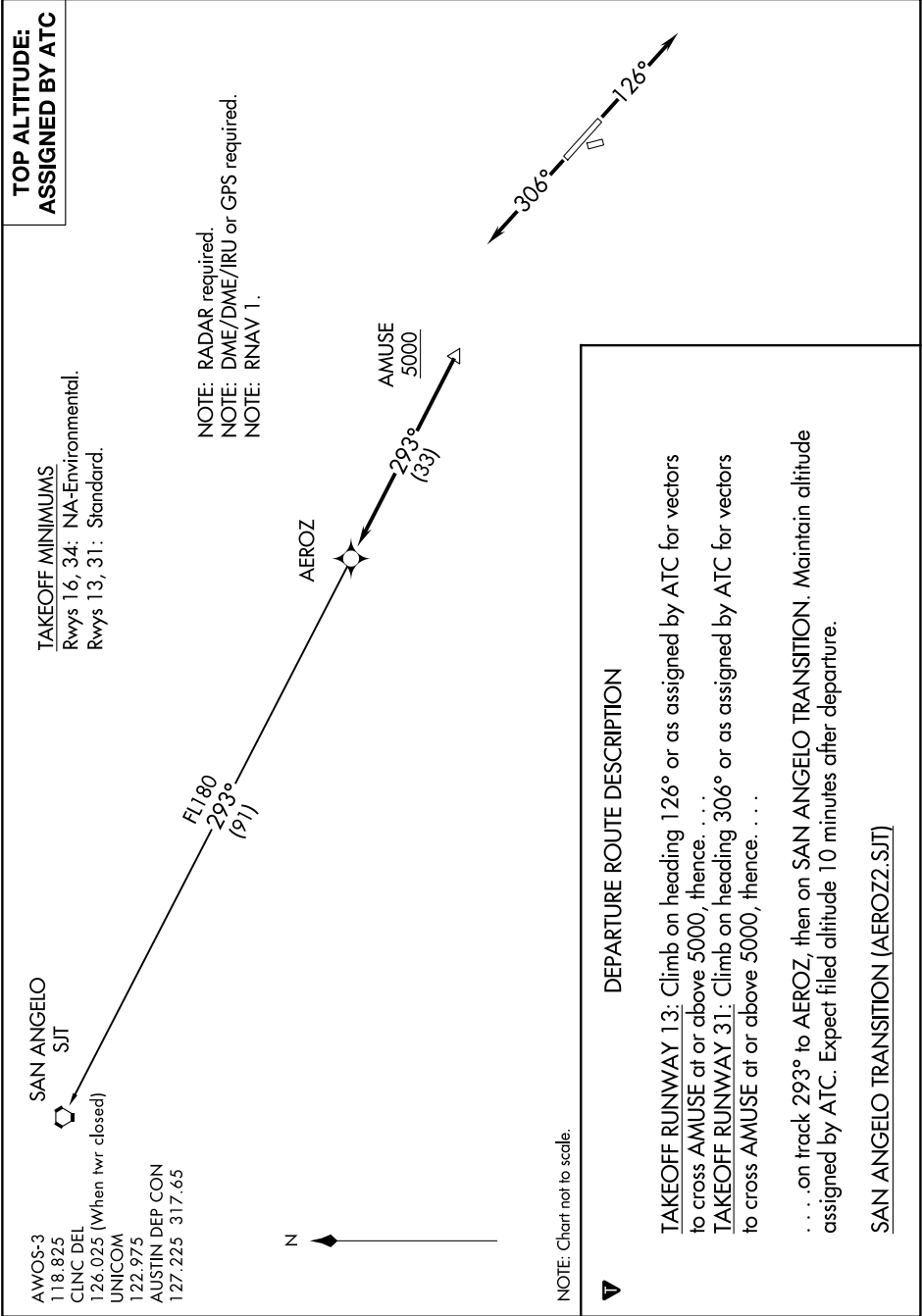
CATEGORY	A	B	C	D
LPV DA		812- ³ / ₄	200 (200- ³ / ₄)	
LNAV/VNAV DA		909- ⁷ / ₈	297 (300- ⁷ / ₈)	
LNAV MDA	920-1	308 (300-1)	920- ⁷ / ₈	308 (300- ⁷ / ₈)
CIRCLING	1140-1 520 (600-1)	1160-1 540 (600-1)	1280-1 ³ / ₄ 660 (700-1 ³ / ₄)	1280-2 660 (700-2)



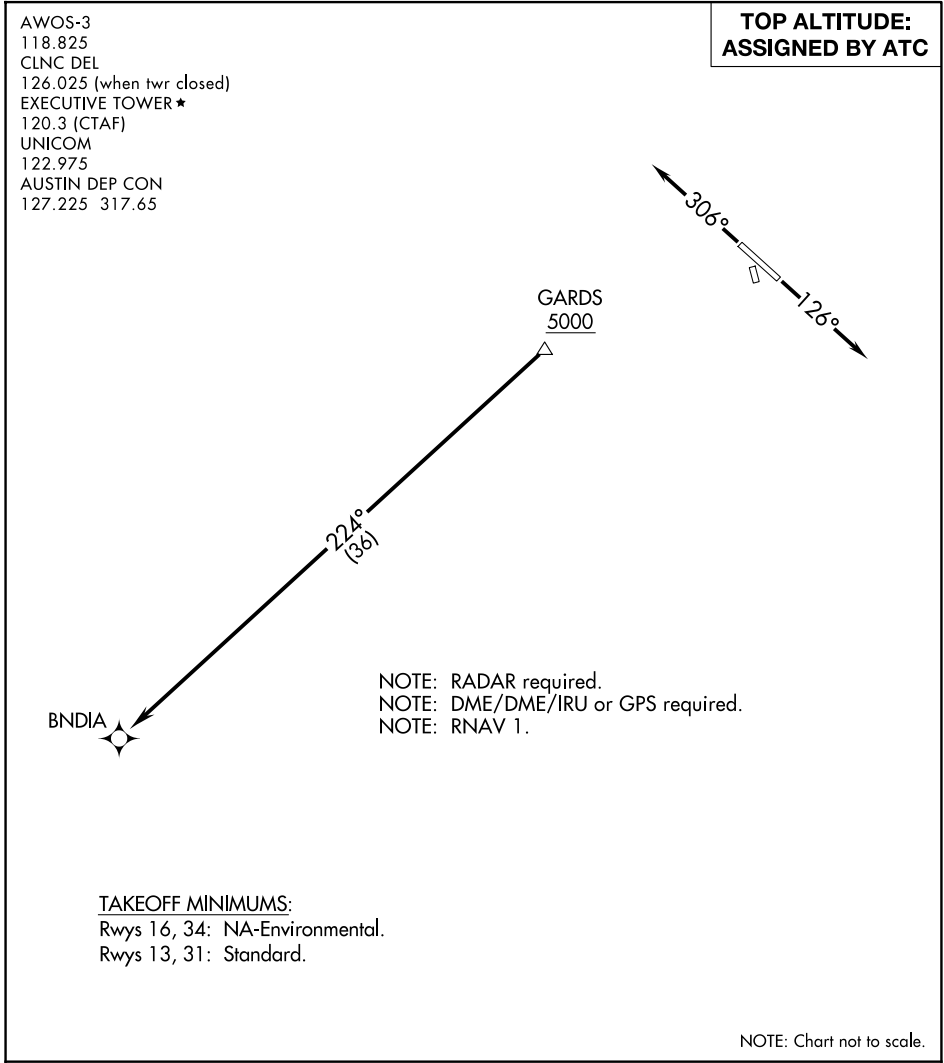
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

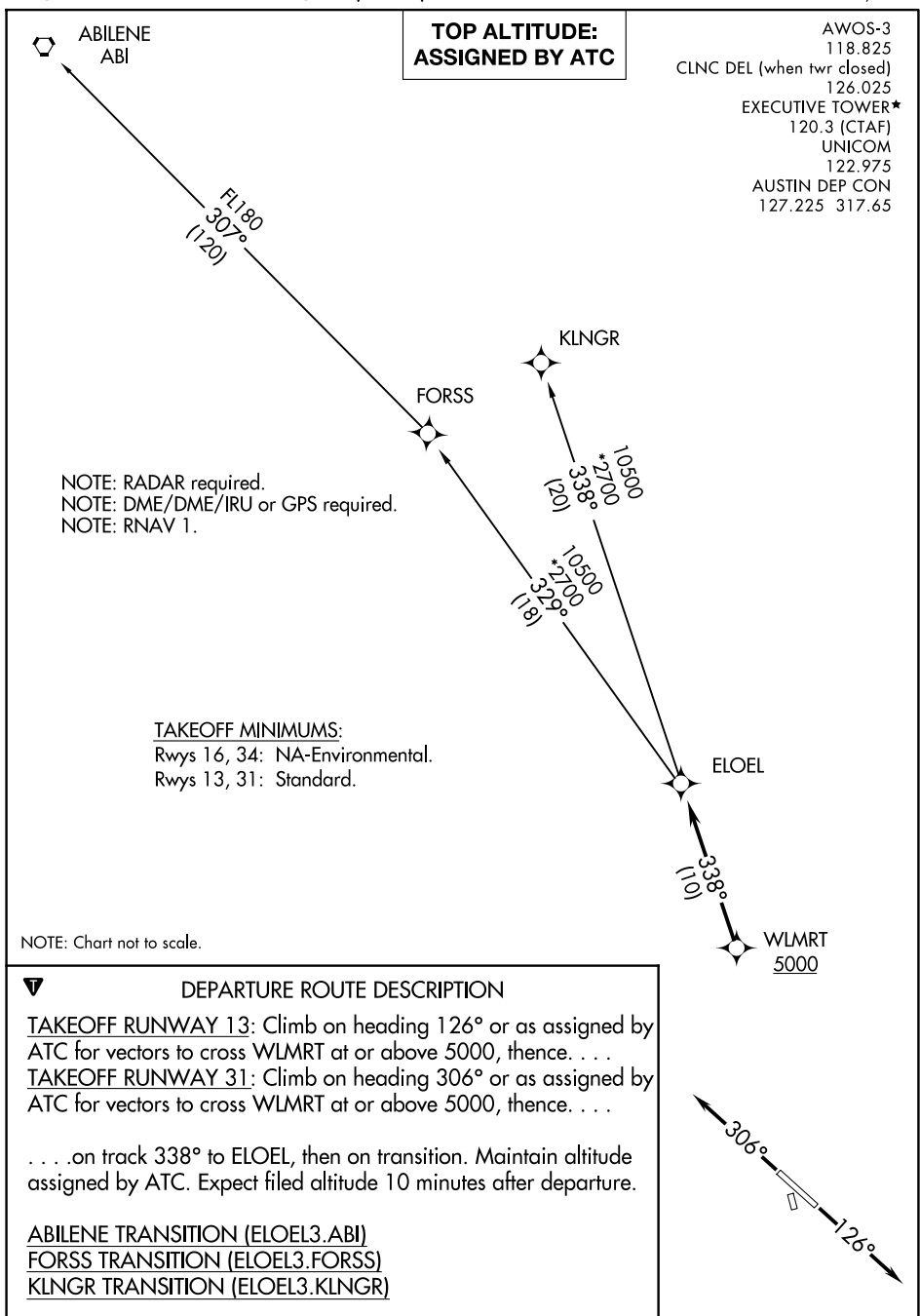
SC-3, 03 SEP 2026 to 29 OCT 2026



SC-3, 03 SEP 2026 to 29 OCT 2026



DEPARTURE ROUTE DESCRIPTION
<u>TAKEOFF RUNWAY 13:</u> Climb on heading 126° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence. . . . <u>TAKEOFF RUNWAY 31:</u> Climb on heading 306° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence.on track 224° to BNDIA. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.



ELOEL THREE DEPARTURE (RNAV)

(ELOEL3.ELOEL) 22APR21

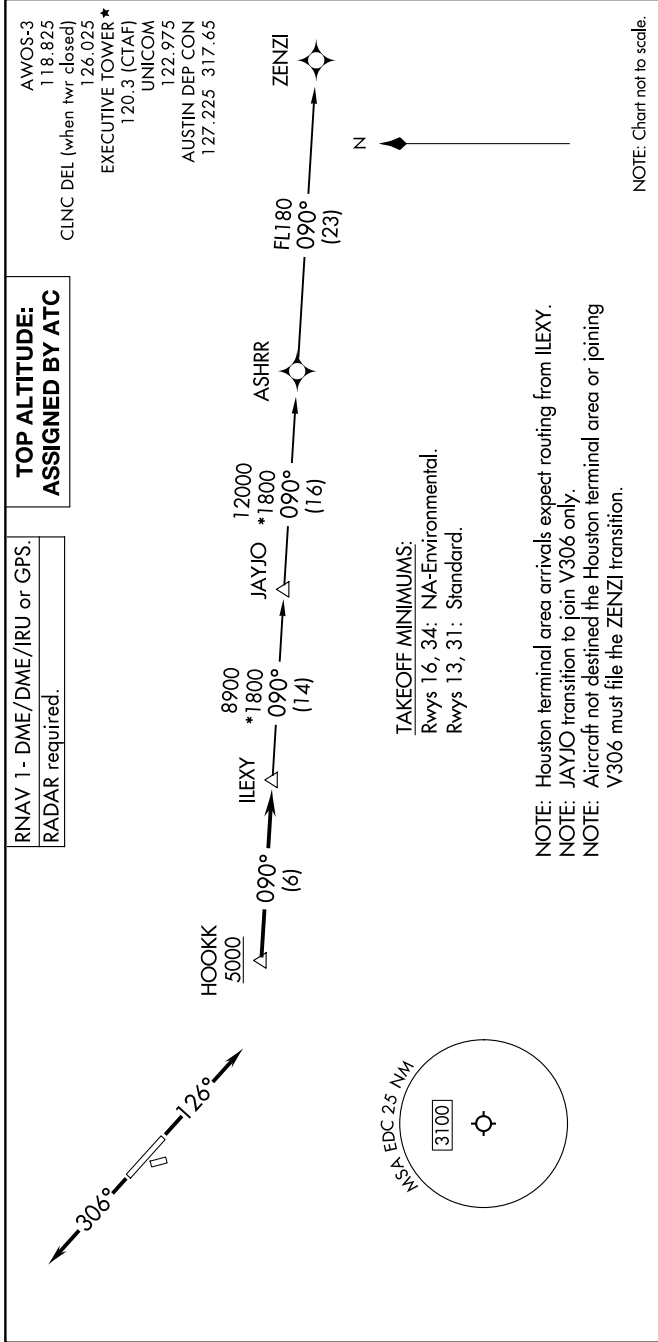
AUSTIN, TEXAS

AUSTIN EXEC (EDC)

(ILEXY4.ILEXY) 23166
ILEXY FOUR DEPARTURE (RNAV)

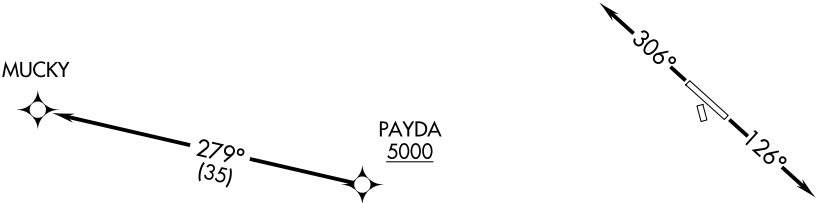
AL-5891 (FAA)

AUSTIN EXEC (EDC)
AUSTIN, TEXAS



AWOS-3
118.825
CLNC DEL (when twr closed)
126.025
EXECUTIVE TOWER ★
120.3 (CTAF)
UNICOM
122.975
AUSTIN DEP CON
127.225 317.65

TOP ALTITUDE:
ASSIGNED BY ATC



TAKEOFF MINIMUMS:
Rwys 16, 34: NA-Environmental.
Rwys 13, 31: Standard.

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

NOTE: Chart not to scale.



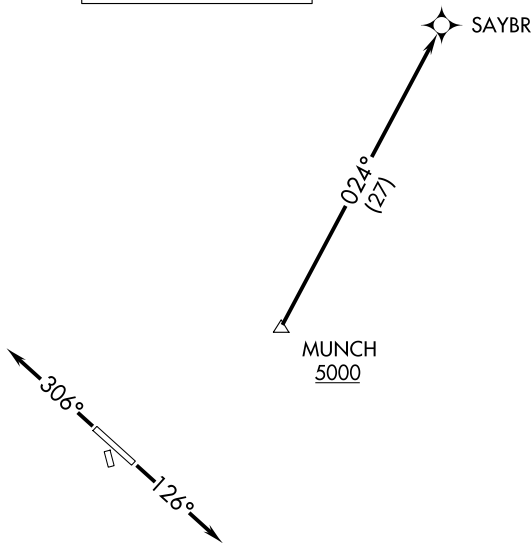
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 126° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .
TAKEOFF RUNWAY 31: Climb on heading 306° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .
...on track 279° to MUCKY. Maintain altitude assigned by ATC.
Expect filed altitude 10 minutes after departure.

SAYBR THREE DEPARTURE (RNAV)

AWOS-3
118.825
CLNC DEL
126.025 (When twr closed)
EXECUTIVE TOWER★
120.3 (CTAF)
UNICOM
122.975
AUSTIN DEP CON
127.225 317.65

TOP ALTITUDE:
ASSIGNED BY ATC



NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: For DFW terminal area arrivals
at FL230 or below only.

TAKEOFF MINIMUMS
Rwys 16, 34: NA-Environmental.
Rwys 13, 31: Standard.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 126° or as assigned by ATC
for vectors to cross MUNCH at or above 5000, thence. . . .
TAKEOFF RUNWAY 31: Climb on heading 306° or as assigned by ATC
for vectors to cross MUNCH at or above 5000, thence. . . .

... on track 024° to SAYBR. Maintain altitude assigned by ATC.
Expect filed altitude 10 minutes after departure.

ILS or LOC RWY 18L
AUSTIN-BERGSTROM INTL (AUS)

MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 on heading 040° and CWK VORTAC R-088 to HOOKK/CWK 17 DME and hold.



DOFFS INT I-VNK <u>16.5</u> RADAR SCALI INT I-VNK <u>12.5</u> RADAR RRTOO INT I-VNK <u>7.9</u> RADAR DDTOO INT I-VNK <u>4.9</u> RADAR I-VNK <u>2.5</u> I-VNK <u>1.6</u>					1000 3000 hdg 040°	CWK R-088	HOOK △
5000 175° 4000 2500 1600 1600 GS 3.00° TCH 61 4 NM 4.6 NM 3 NM 2.4 NM 0.8 0.1							
CATEGORY	A		B		C	D	E
S-ILS 18L	692/18				200 (200-½)		
S-LOC 18L	840/24	348 (300-½)		840/30		348 (300-⅝)	
CIRCLING	1040-1 498 (500-1)	1120-1 578 (600-1)	1200-1¾ 658 (700-1¾)	1200-2 658 (700-2)	NA		

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

AUSTIN, TEXAS

AL-556 (FAA)

26246

LOC/DME I-GFQ 110.95 Chan 46(Y)	APP CRS 175°	Rwy Ldg 12250 TDZE 542 Apt Elev 542
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ILS or LOC RWY 18R AUSTIN-BERGSTROM INTL (AUS)

RNAV 1-GPS or RADAR required for procedure entry.
From HOUKM, JEDYE: RNAV 1-GPS required.

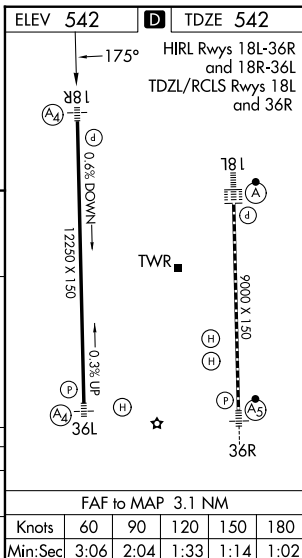
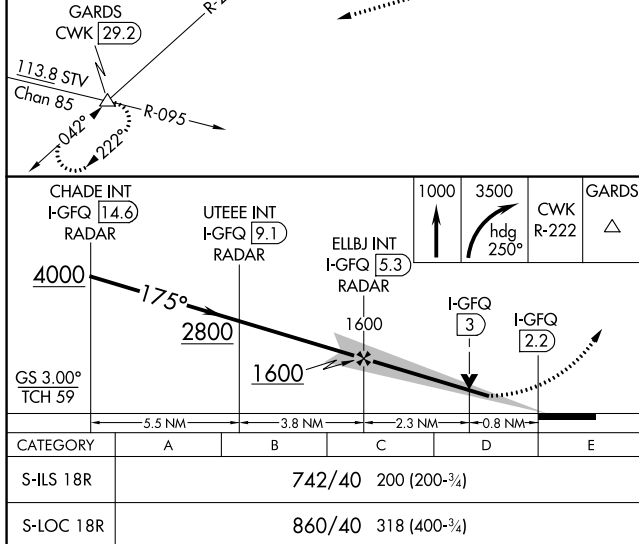
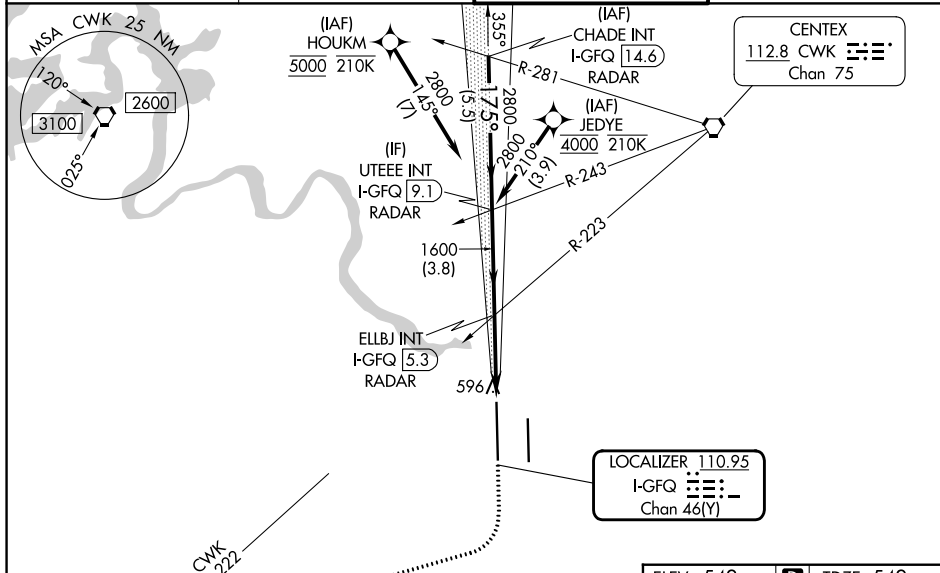
MALS



MISSED APPROACH: Climb to 1000 then climbing right turn to 3500 on heading 250° and CWK VORTAC R-222 to GARDS INT/CWK 29.2 DME and hold.

Simultaneous approach authorized. Inop table does not apply to S-ILS 18R. For inop ALS, increase S-LOC-18R Cats C, D and E visibility to RVR 4500.

D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6
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AUSTIN, TEXAS

Amdt 6 22APR21

30°12'N-97°40'W

AUSTIN-BERGSTROM INTL (AUS) ILS or LOC RWY 18R

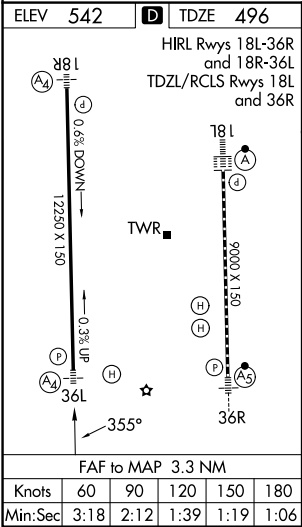
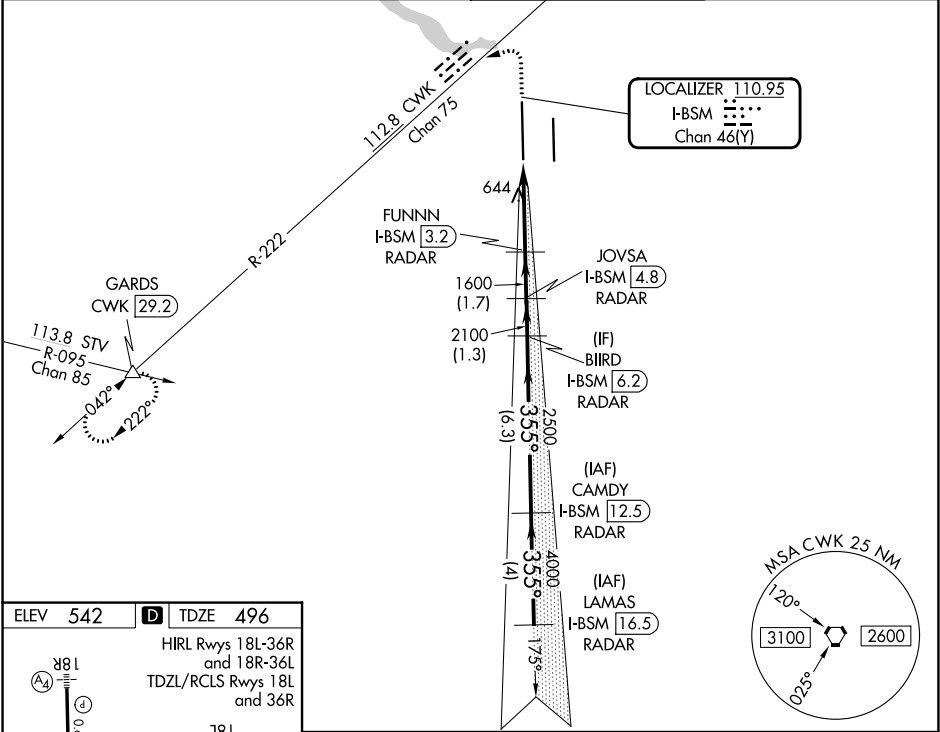
SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-BSM	APP CRS	Rwy Ldg	12250
110.95	355°	TDZE	496
Chan 46(Y)		Apt Elev	542

ILS or LOC RWY 36L
AUSTIN-BERGSTROM INTL (AUS)

DME or RADAR required.	MALS	MISSED APPROACH: Climb to 1000 then climbing left turn to 3500 on heading 250° and CWK VORTAC R-222 to GARDS INT/CWK 29.2 DME and hold.
Simultaneous approach authorized. For inop ALS, increase S-LOC 36L Cats C/D/E visibility to RVR 6000. Inop table does not apply to S-ILS 36L all Cats.	A4	

D-ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON
124.4	127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	121.0 281.5	121.9 348.6



1000 ↑	3500 hdg 250°	CWK R-222	GARDS △	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 60).				LAMAS I-BSM 16.5 RADAR
I-BSM DME ANTENNA		FUNNN I-BSM 3.2 RADAR	JOVSA I-BSM 4.8 RADAR	BIIRD I-BSM 6.2 RADAR	CAMDY I-BSM 12.5 RADAR	RADAR		
I-BSM 0.2		I-BSM 0.9	1600	2100	2500	355° 5000 4000		
1.1 NM		2.2 NM	1.7 NM	1.3 NM	6.3 NM	4 NM GS 3.00° TCH 54		
CATEGORY	A	B	C	D	E			
S-ILS 36L	696/40 200 (200-¾)							
S-LOC 36L	900/40 404 (400-¾)		900/50 404 (400-1)					

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

AUSTIN, TEXAS

AL-556 (FAA)

25331

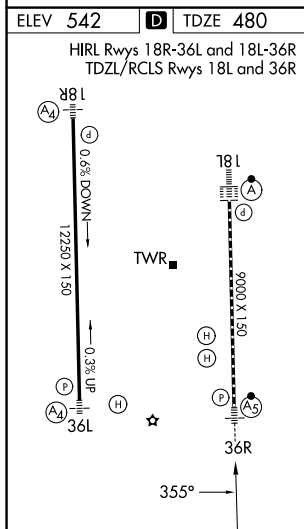
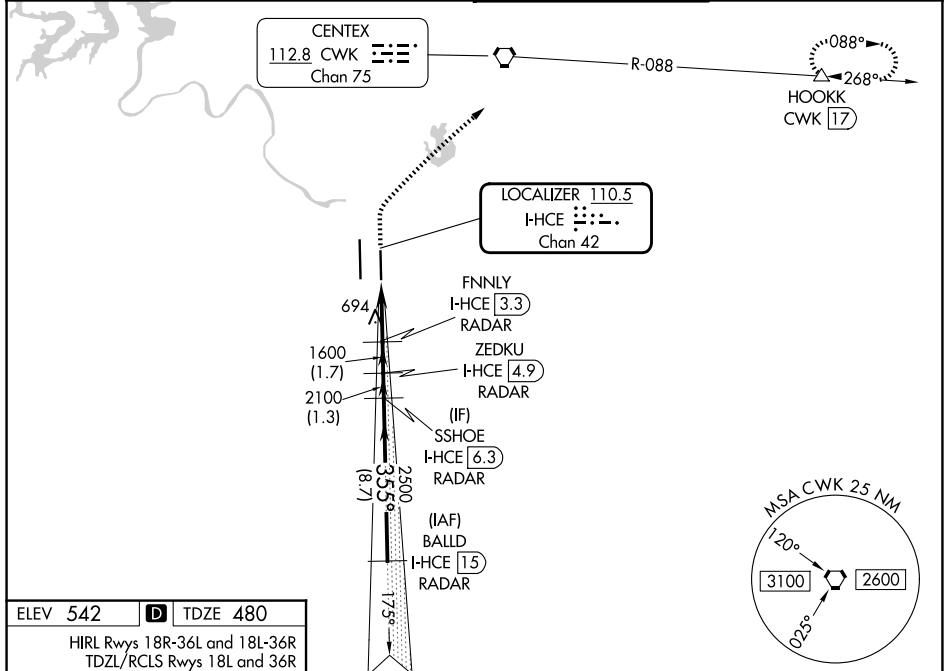
LOC/DME I-HCE 110.5 Chan 42	APP CRS 355°	Rwy Ldg 9000 TDZE 480 Apt Elev 542
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ILS or LOC RWY 36R

AUSTIN-BERGSTROM INTL (AUS)

DME required. RADAR required for procedure entry.	MALSR 	MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 on heading 030° and CWK VORTAC R-088 to HOOKK/CWK 17 DME and hold.
Simultaneous approach authorized. For inop ALS, increase S-ILS 36R Cat E visibility to RVR 4000, S-LOC 36R Cat C/D/E visibility to 1¾ SM.		

D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6
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1000	3000	CWK R-088	HOOKK	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 59).	
hdg 030°				SSJOE I-HCE [6.3] RADAR	BALLD I-HCE [15] RADAR
I-HCE [0.1] DME ANTENNA		FNNLY I-HCE [3.3] RADAR	ZEDKU I-HCE [4.9] RADAR	1600 2100 2500 4000	
I-HCE [1.4]		1600	1600	GS 3.00° TCH 52	
-1.5 NM		-1.9 NM	-1.7 NM	-1.3 NM	-8.7 NM
CATEGORY	A	B	C	D	E
S-ILS 36R	680/18 200 (200-½)				
S-LOC 36R	1000/24	520 (500-½)	1000/55 520 (500-1)		
CIRCLING	1040-1 498 (500-1)	1120-1 578 (600-1)	1200-1¾ 658 (700-1¾)	1200-2 658 (700-2)	NA

AUSTIN, TEXAS
Amdt 4D 05SEP24

30°12'N-97°40'W

AUSTIN-BERGSTROM INTL (AUS)

ILS or LOC RWY 36R

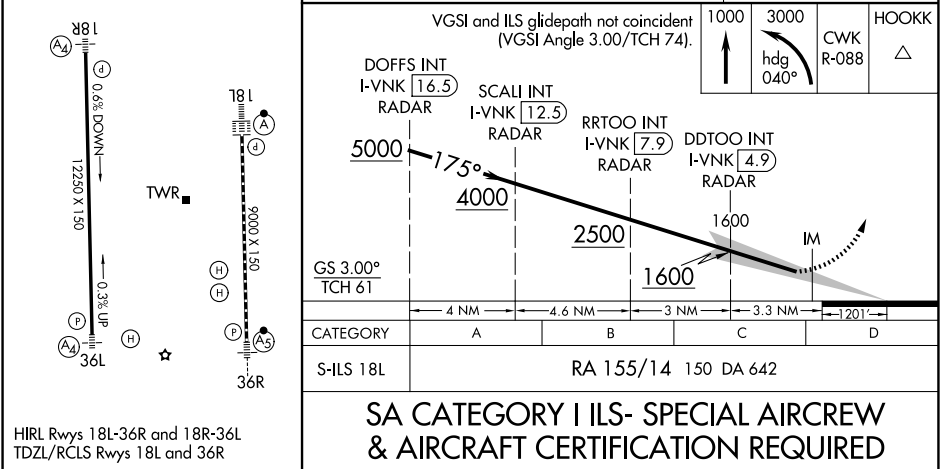
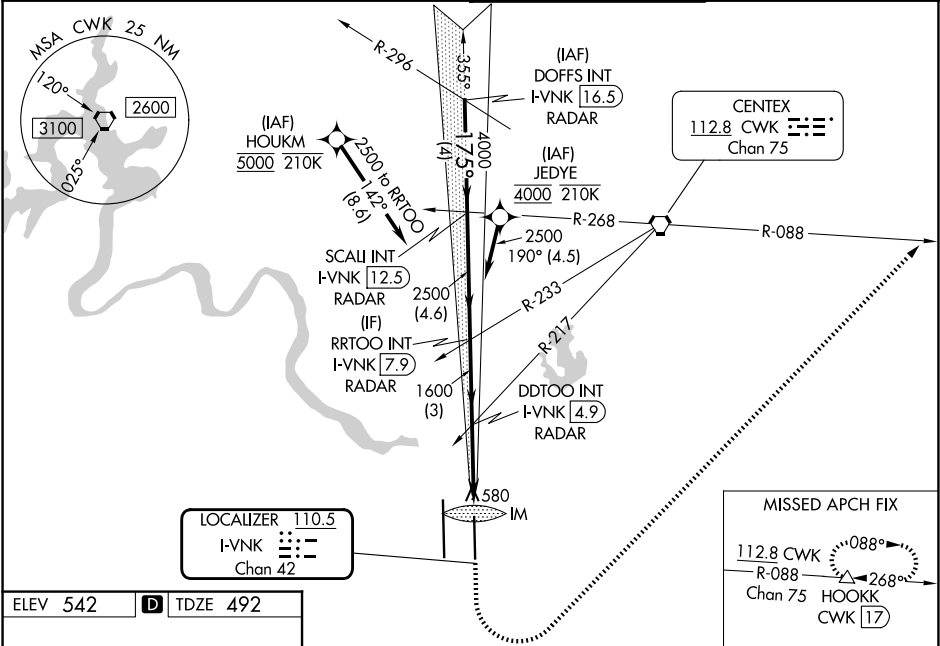
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-VNK 110.5 Chan 42	APP CRS 175°	Rwy Ldg TDZE 492 Apt Elev 542	ILS RWY 18L (SA CAT I) AUSTIN-BERGSTROM INTL (AUS)
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RNP APCH-GPS. From HOUKM or JEDYE.		ALSF-2 	MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 on heading 040° and CWK VORTAC R-088 to HOOKK/CWK 17 DME and hold.
RADAR required for procedure entry from DOFFS. DME required.			
	Simultaneous approach authorized. Requires specific OPSPEC, MSPEC or LOA approval.		

D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6
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AUSTIN, TEXAS

AL-556 (FAA)

25331

LOC/DME I-HCE 110.5 Chan 42	APP CRS 355°	Rwy Ldg 9000 TDZE 480 Apt Elev 542
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ILS RWY 36R (SA CAT I & II)

AUSTIN-BERGSTROM INTL (AUS)

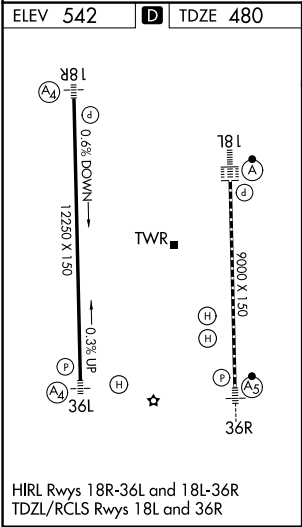
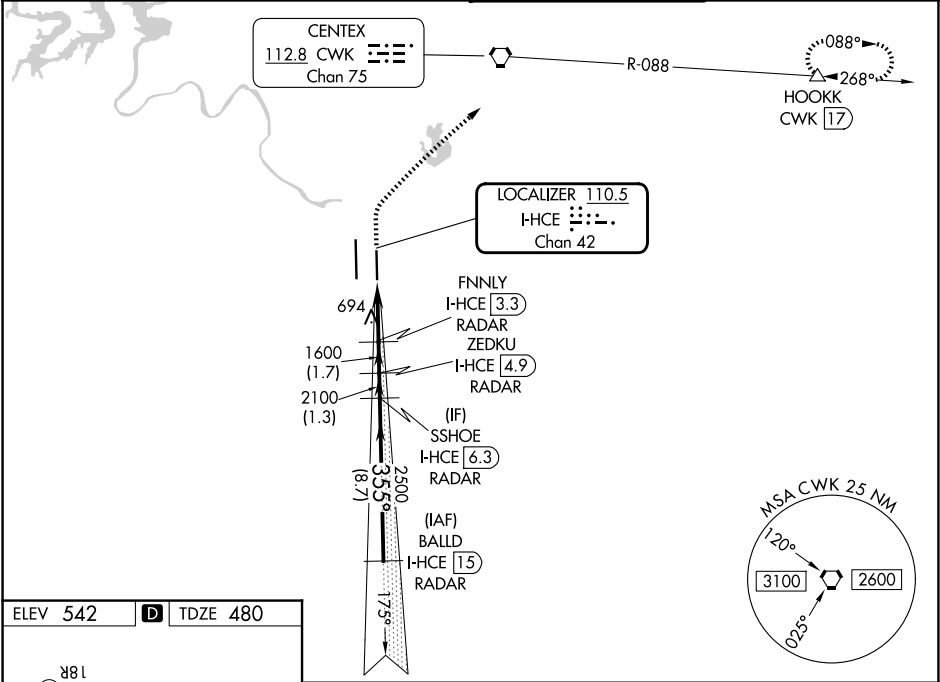
DME required. RADAR required for procedure entry.

Simultaneous approach authorized.
SA CAT I: Requires specific OPSPEC, MSPEC or LOA approval.
SA CAT II: Requires specific OPSPEC, MSPEC or LOA approval.

MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 on heading 030° and CWK VORTAC R-088 to HOOKK/CWK 17 DME and hold.

D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6
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1000 3000 CWK HOOKK

hdg 030°

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 59).

SSHOE I-HCE [6.3] RADAR

BALLD I-HCE [15] RADAR

CATEGORY	A	B	C	D
S-ILS 36R	SA CAT I	RA 185/14	150 DA 630	
S-ILS 36R	SA CAT II	RA 110/12	100 DA 580	

SA CATEGORY I & II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

AUSTIN, TEXAS
Amdt 4D 05SEP24

AUSTIN-BERGSTROM INTL (AUS)
30°12'N-97°40'W
ILS RWY 36R (SA CAT I & II)

SC-3, 03 SEP 2026 to 29 OCT 2026

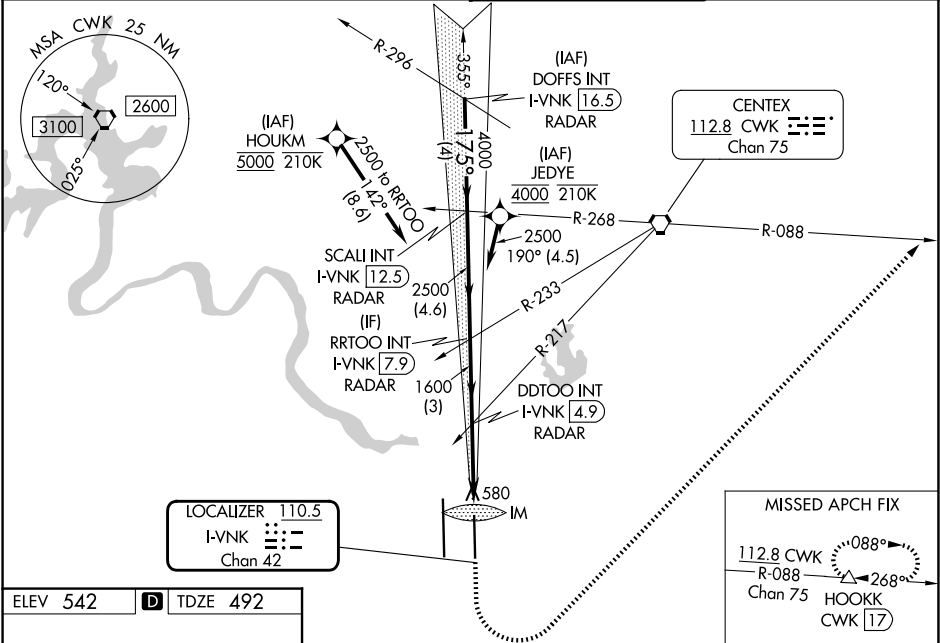
SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-VNK 110.5 Chan 42	APP CRS 175°	Rwy Ldg TDZE 492 Apt Elev 542
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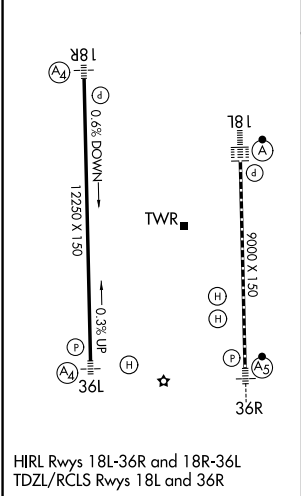
ILS RWY 18L (CAT II & III)
AUSTIN-BERGSTROM INTL (AUS)

RNP APCH-GPS. From HOUKM or JEDYE.	ALSF-2 	MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 on heading 040° and CWK VORTAC R-088 to HOOKK/CWK 17 DME and hold.
RADAR required for procedure entry from DOFFS. DME required.		
Simultaneous approach authorized.		

D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6
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ELEV 542	D TDZE 492
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VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 74).		1000	3000	CWK R-088	HOOKK
DOFFS INT I-VNK 16.5 RADAR		SCALI INT I-VNK 12.5 RADAR		RTTOO INT I-VNK 7.9 RADAR	DDTOO INT I-VNK 4.9 RADAR
5000 17.5		4000 16.5		2500 12.5	1600 7.9
GS 3.00° TCH 61		4 NM		4.6 NM	3 NM
CATEGORY	A	B	C	D	
S-ILS 18L	CAT II RA 105/12 100 DA 592				
S-ILS 18L	CAT III RVR 06				
CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED					

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

AUSTIN, TEXAS

AL-556 (FAA)

25331

APP CRS	Rwy Ldg	9000
175°	TDZE	492
	Apt Elev	542

RNAV (RNP) Z RWY 18L

AUSTIN-BERGSTROM INTL (AUS)

RADAR required. RNP AR APCH-GPS.

ALSIF-2



MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 direct HOOKK and hold.

Simultaneous approach authorized. For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C.

D-ATIS

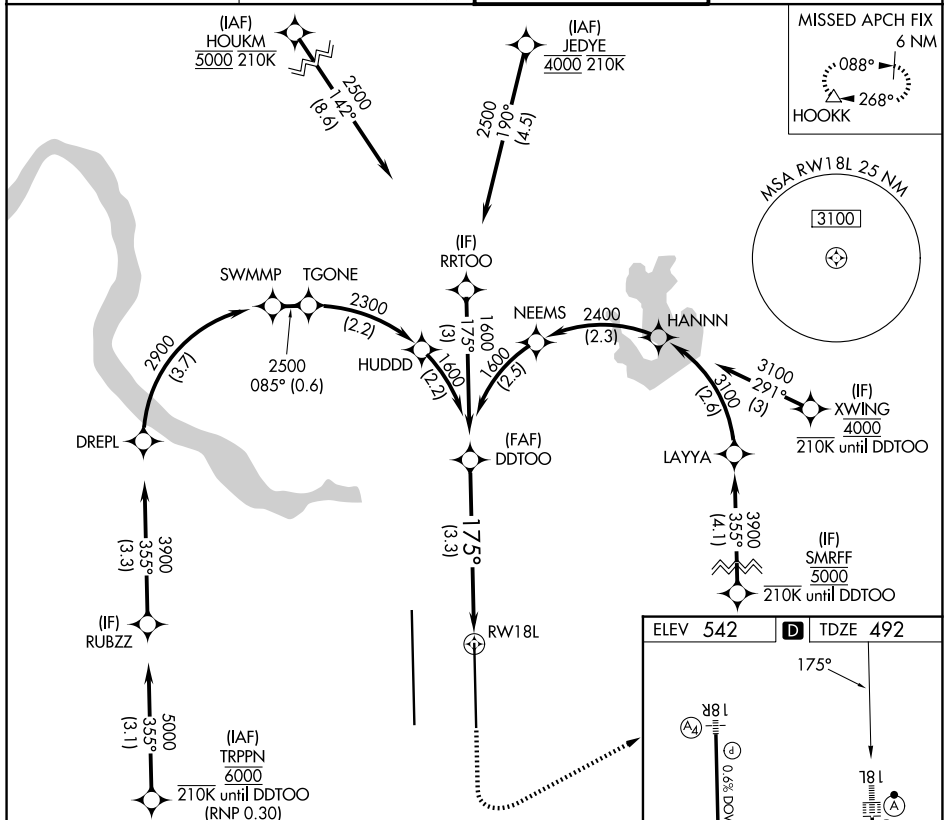
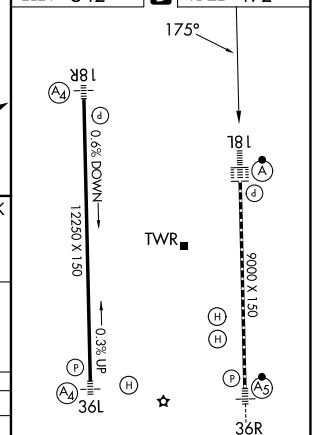
124.4

AUSTIN APP CON
127.225 317.65 (E)
120.875 270.25 (S)
119.0 370.85 (W)

AUSTIN TOWER

121.0 281.5

GND CON

121.9 348.6ELEV 542 **D** TDZE 492

VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 74).					
DDTTO		1000		3000	HOOK
1600		1600		△	
GP 3.00° TCH 61		RW18L			
175°		See planview for multiple IF locations.			
		3.3 NM			
CATEGORY	A	B	C	D	
RNP 0.24 DA	825/26		333 (300-½)		
RNP 0.30 DA	885/35		393 (400-⅙)		
AUTHORIZATION REQUIRED					

HIRL Rwy 18L-36R and 18R-36L
 TDZL/RCLS Rwy 18L and 36R

AUSTIN, TEXAS

Amdt 2 22APR21

30°12'N-97°40'W

AUSTIN-BERGSTROM INTL (AUS)

RNAV (RNP) Z RWY 18L

SC-3, 03 SEP 2026 to 29 OCT 2026

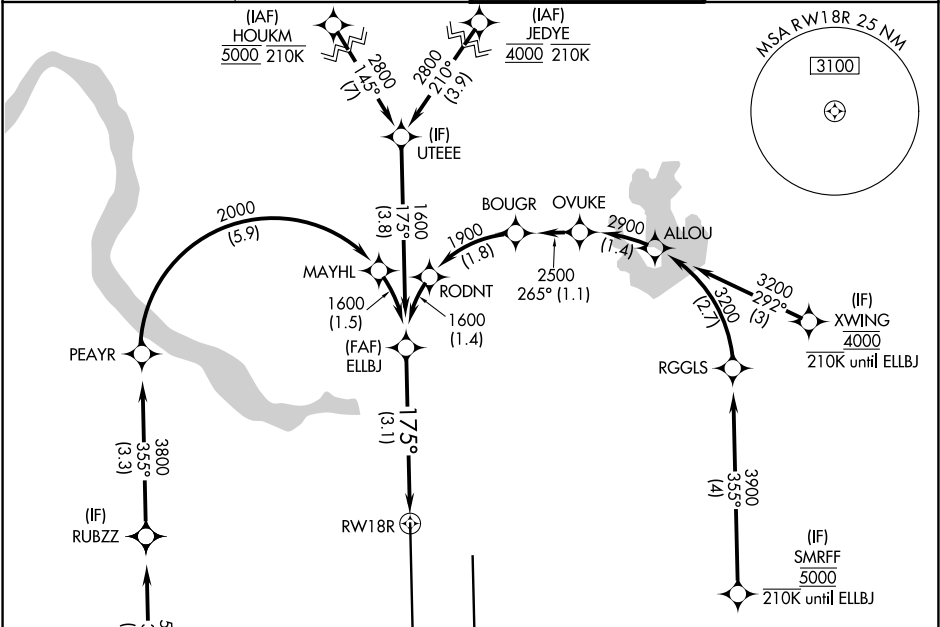
APP CRS	Rwy Ldg	12250
175°	TDZE	542
	Apt Elev	542

RNAV (RNP) Z RWY 18R

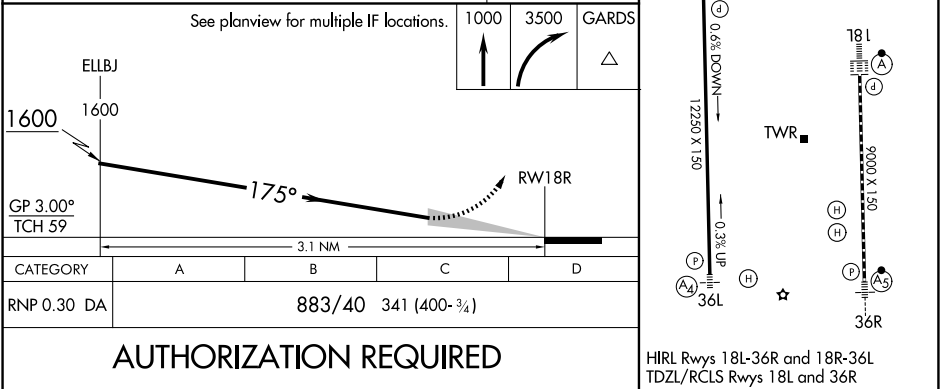
AUSTIN-BERGSTROM INTL (AUS)

RNP AR APCH-GPS. RADAR required.	MALS	MISSED APPROACH: Climb to 1000 then climbing right turn to 3500 direct GARDS and hold.
Simultaneous approach authorized. For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C.	A4	

D-ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON
124.4	127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	121.0 281.5	121.9 348.6



MISSED APCH FIX	ELEV 542	TDZE 542
GARDS		



AUSTIN, TEXAS

AL-556 (FAA)

25331

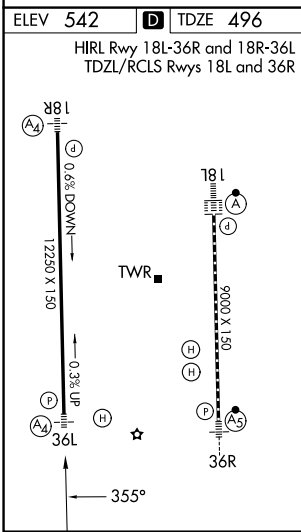
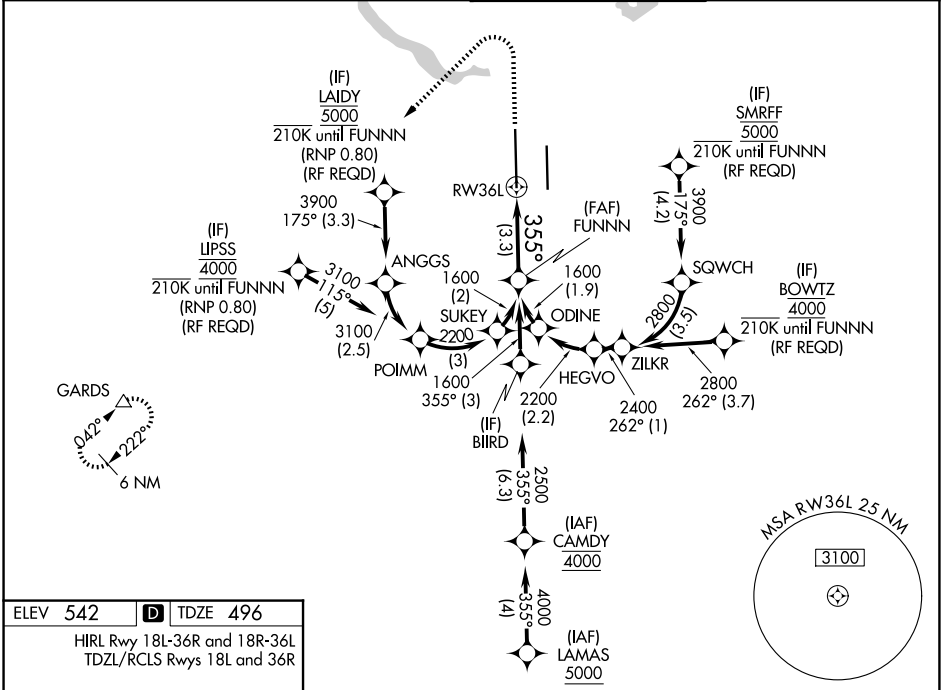
APP CRS	Rwy Ldg	12250
355°	TDZE	496
	Apt Elev	542

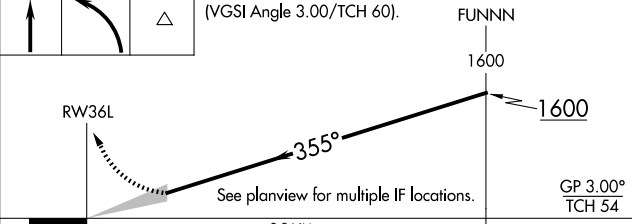
RNAV (RNP) Z RWY 36L

AUSTIN-BERGSTROM INTL (AUS)

RNP AR APCH. RADAR required.	MALS 	MISSED APPROACH: Climb to 1700 then climbing left turn to 3500 direct GARDS and hold.
Simultaneous approach authorized. For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C. For inop ALS, increase RNP 0.11 all Cats visibility to RVR 4500 and RNP 0.30 all Cats visibility to RVR 5500.		

D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6
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1700	3500	GARDS	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 60).	
				
				
CATEGORY	A	B	C	D
RNP 0.11 DA	758/40 262 (300-¾)			
RNP 0.30 DA	858/40 362 (400-¾)			
AUTHORIZATION REQUIRED				

AUSTIN, TEXAS

Amtd 2 22APR21

30°12'N-97°40'W

RNAV (RNP) Z RWY 36L

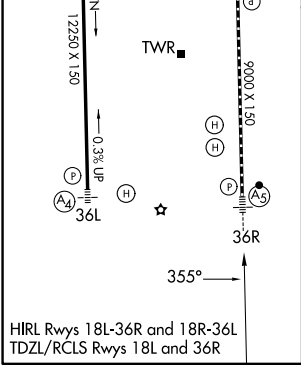
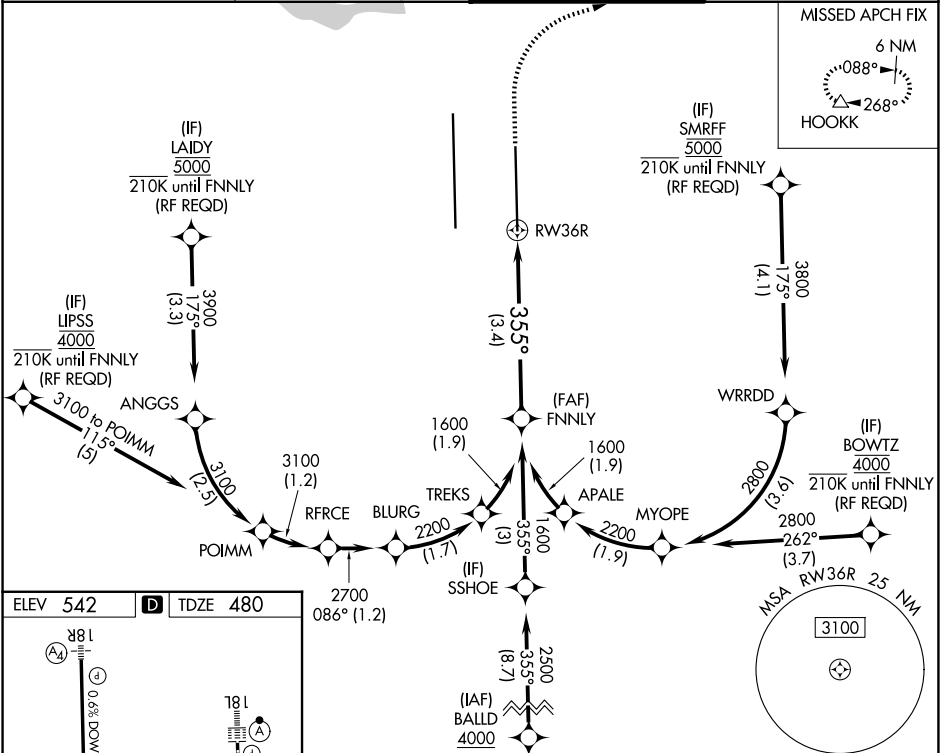
SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	9000
355°	TDZE	480
	Apt Elev	542

RNAV (RNP) Z RWY 36R
AUSTIN-BERGSTROM INTL (AUS)

RNP AR APCH. RADAR required.	MALSR 	MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 direct HOOKK and hold.
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D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6
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1000	3000	HOOKK	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 59).	FNNLY
				1600
See planview for multiple IF locations.				GP 3.00° TCH 52
CATEGORY	A	B	C	D
RNP 0.11 DA		744/24	264 (300-1/2)	
RNP 0.16 DA		862/35	382 (400-3/4)	
RNP 0.30 DA		915/40	435 (400-3/4)	

AUTHORIZATION REQUIRED

AUSTIN, TEXAS

AL-556 (FAA)

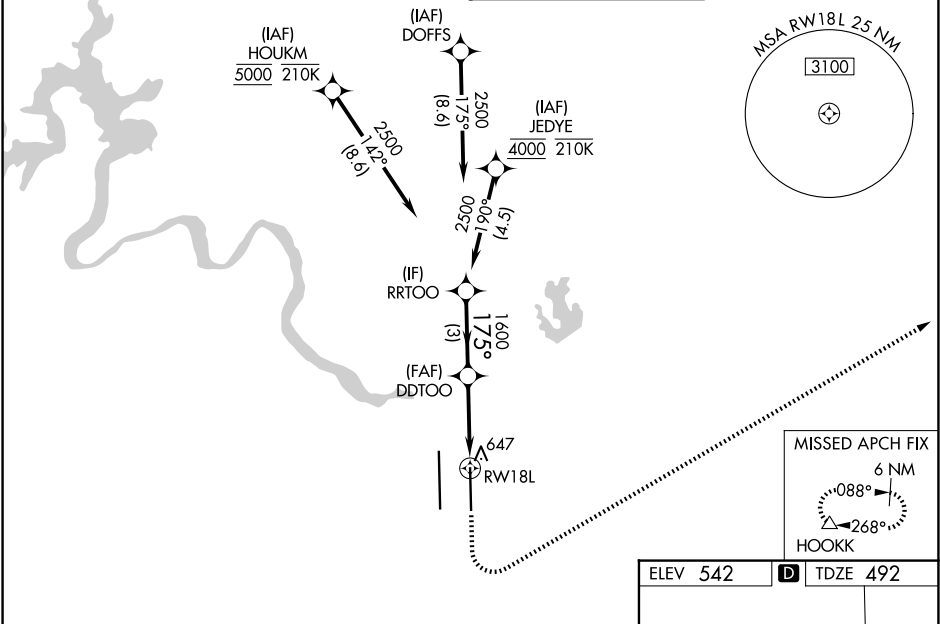
25331

WAAS CH 62829 W18A	APP CRS 175°	Rwy Ldg TDZE 492 Apt Elev 542
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RNAV (GPS) Y RWY 18L

AUSTIN-BERGSTROM INTL (AUS)

RNP APCH-GPS. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C or above 54°C. Use of FD or AP required during simultaneous operations. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV visibility all Cats to RVR 6000, and LNAV visibility Cats C, D, and E to RVR 6000.		ALSF-2 	MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 direct HOOKK and hold.
D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6



RRTOO		VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 74).				1000	3000	HOOKK
2500								
GP 3.00° TCH 61								
CATEGORY	A	B	C	D	E			
LPV DA	692/18 200 (200-½)							
LNAV/ VNAV DA	906/40 414 (400-¾)							
LNAV MDA	900/24	408 (400-½)	900/40 408 (400-¾)					
CIRCLING	1040-1 498 (500-1)	1120-1 578 (600-1)	1200-1¾ 658 (700-1¾)	1200-2 658 (700-2)	NA			

ELEV 542

D TDZE 492

HIRL Rwy 18L-36R and 18R-36L
TDZL/RCLS Rwy 18L and 36R

AUSTIN, TEXAS
Amdt 3B 05SEP24

30°12'N-97°40'W

AUSTIN-BERGSTROM INTL (AUS)

RNAV (GPS) Y RWY 18L

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 77530 W18B	APP CRS 175°	Rwy Ldg 12250 TDZE 542 Apt Elev 542
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RNAV (GPS) Y RWY 18R

AUSTIN-BERGSTROM INTL (AUS)

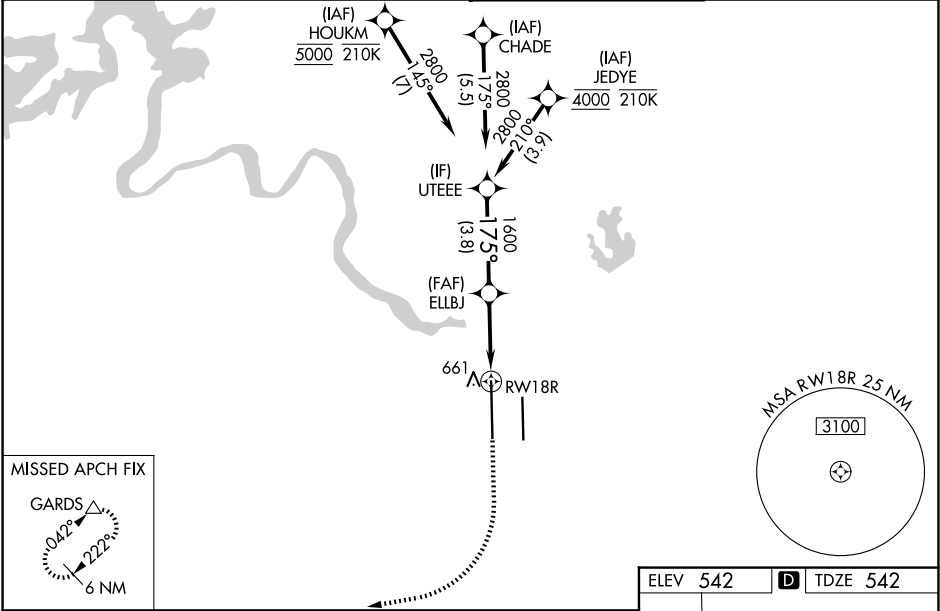
RNP APCH-GPS.

Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C or above 54°C. Use of FD or AP required during simultaneous operations. Inop table does not apply to LPV. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 4500; increase LNAV Cat E visibility to RVR 5500.

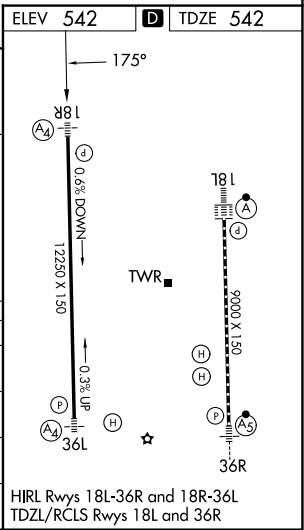
MALS

MISSED APPROACH: Climb to 1000 then climbing right turn to 3500 direct GARDS and hold.

D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6
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UTEE		ELLBJ		1000	3500	GARDS
2800		1600		175°		
GP 3.00°		1600		0.9 NM to RW18R		
TCH 59				RW18R		
3.8 NM		2.2 NM		0.9 NM		
CATEGORY	A	B	C	D	E	
LPV DA	742/40		200 (200-¾)			
LNAV/VNAV DA	834/40		292 (300-¾)			
LNAV MDA	900/40		358 (400-¾)			
CIRCLING	1040-1 498 (500-1)	1120-1 578 (600-1)	1200-1¾ 658 (700-1¾)	1200-2 658 (700-2)	NA	



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) Y RWY 36L
AUSTIN-BERGSTROM INTL (AUS)



MISSED APPROACH: Climb to 1700 then climbing left turn to 3500 direct GARDS and hold.

D-ATIS	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6
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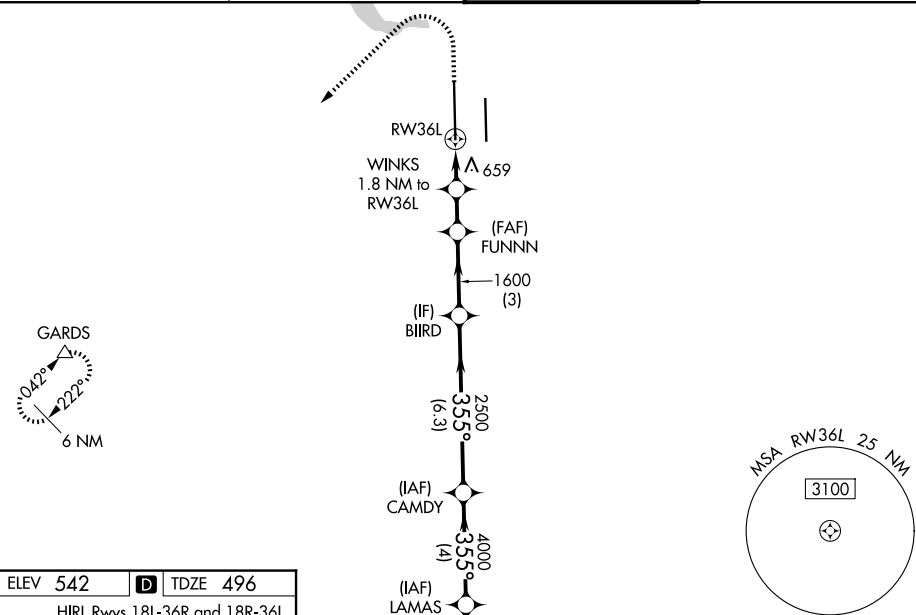
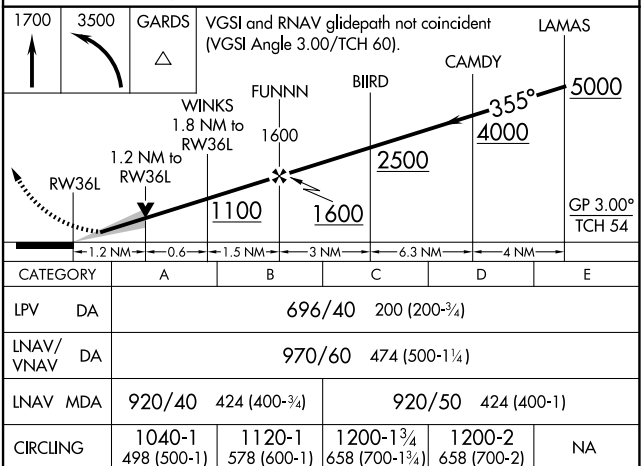


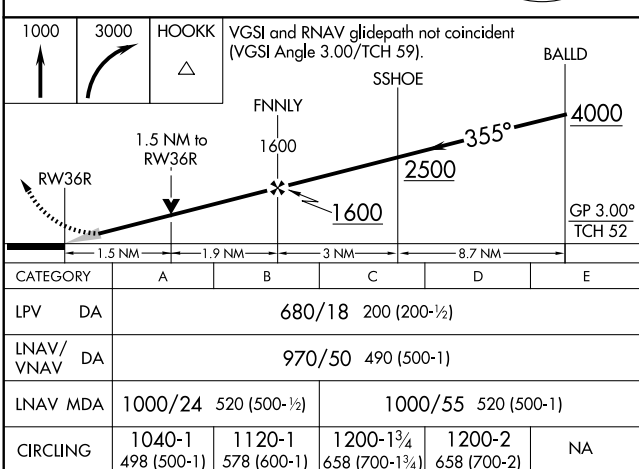
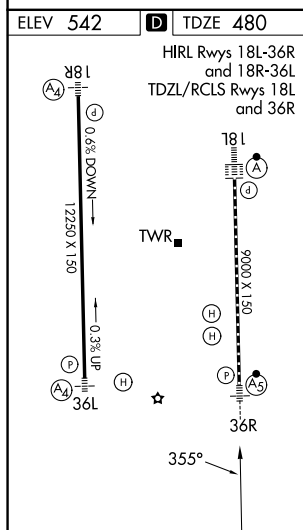
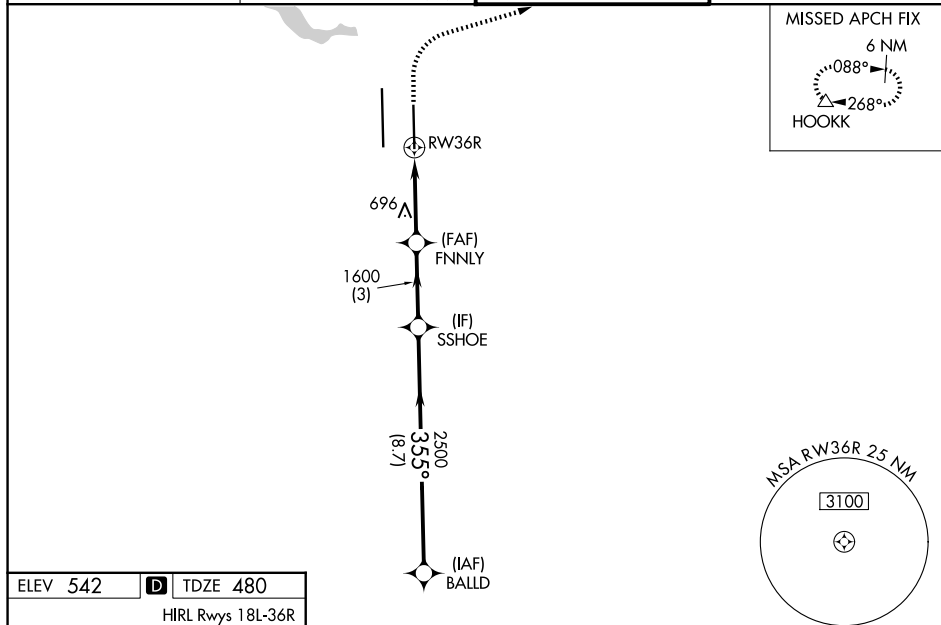
Diagram illustrating the HIRL (High Intensity Runway Lighting) and TDZL/RCLS (Touchdown and Obstacle Clearance Lights/Runway Center Line Lights) for Runway 18L/36R. The diagram shows two parallel runways, 18L and 36L, with dimensions 12250 x 150. The slope for 18L is 0.6% DOWN, and for 36L is 0.3% UP. A 355° heading is indicated. The TDZL/RCLS for Runway 18L/36R is shown as a dashed line, 9000 x 150. A TWR (Tower) is located between the runways. Various navigation aids and lights are marked: A4, A5, H, P, and stars.



WAAS CH 99429 W36B	APP CRS 355°	Rwy Ldg TDZE Apt Elev	9000 480 542
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RNAV (GPS) Y RWY 36R
AUSTIN-BERGSTROM INTL (AUS)

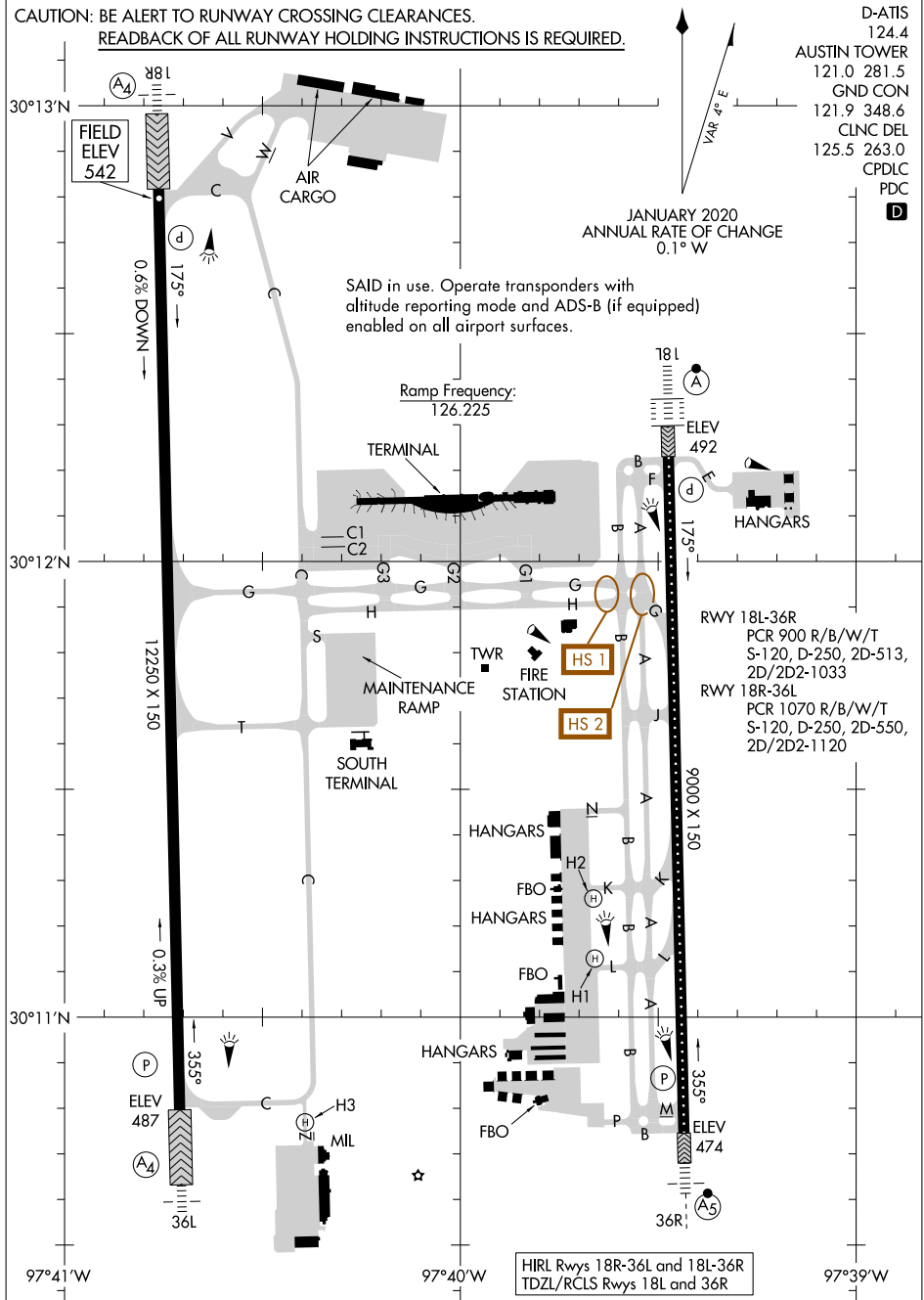
RNP APCH-GPS.		MALSR 	MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 direct HOOKK and hold.
▼ Use of FD or AP required during simultaneous operations. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C or above 54°C. For inop ALS increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to 1 3/8 SM and LNAV Cat C/D/E visibility to 1 3/8 SM.			
D-ATIS 124.4	AUSTIN APP CON 127.225 317.65 (E) 120.875 270.25 (S) 119.0 370.85 (W)	AUSTIN TOWER 121.0 281.5	GND CON 121.9 348.6



AL-556 (FAA)

AUSTIN-BERGSTROM INTL (AUS)
AUSTIN, TEXAS

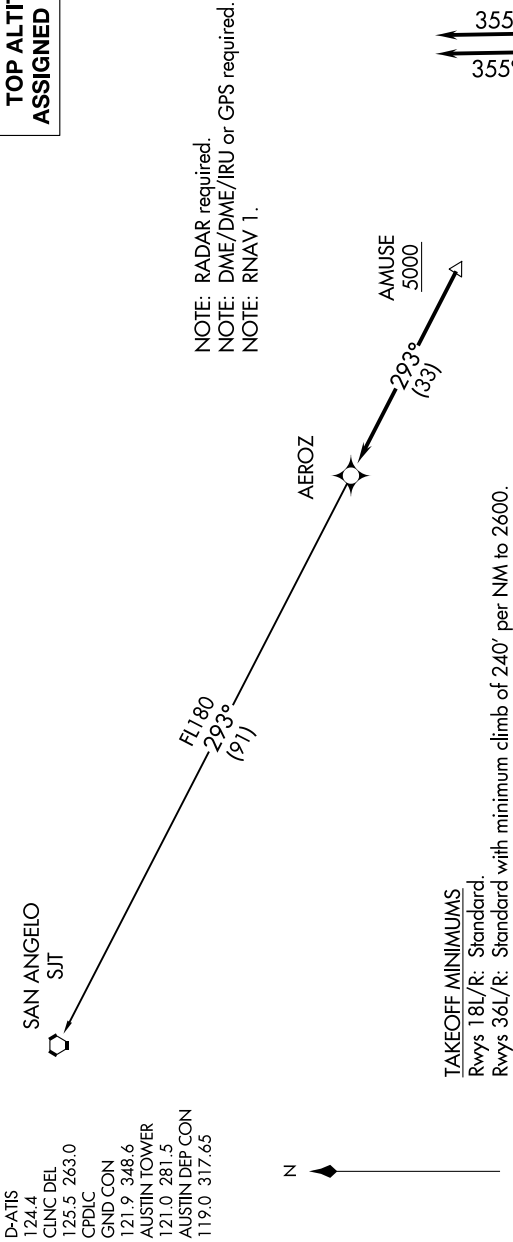
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.



SC-3, 03 SEP 2026 to 29 OCT 2026

AUSTIN, TEXAS
AUSTIN-BERGSTROM INTL (AUS)

TOP ALTITUDE:
ASSIGNED BY ATC



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 18L/R: Climb on heading 175° or as assigned by ATC for vectors to cross AMUSE at or above 5000, thence....
TAKEOFF RUNWAYS 36L/R: Climb on heading 355° or as assigned by ATC for vectors to cross AMUSE at or above 5000, thence....
... on track 293° to AEROZ, then on SAN ANGELO TRANSITION. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

SAN ANGELO TRANSITION (AEROZ2.SJT)

(AUS7.CWK) 26246

AUSTIN SEVEN DEPARTURE

AL-556 (FAA)

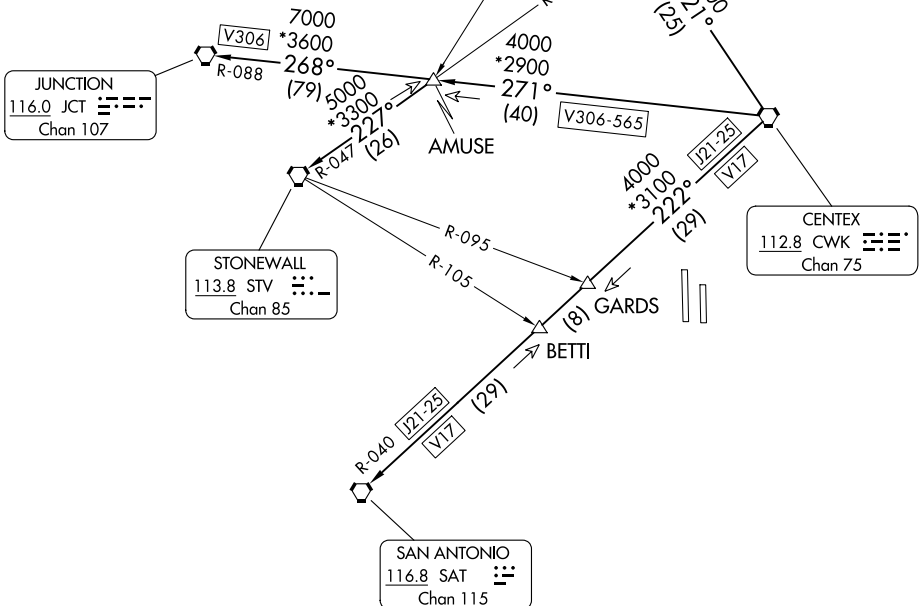
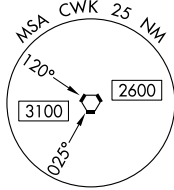
AUSTIN-BERGSTROM INTL (AUS)

AUSTIN, TEXAS

RADAR required.

**TOP ALTITUDE:
ASSIGNED BY ATC**

AUSTIN DEP CON
119.0 370.85
D-ATIS
124.4
CLNC DEL
125.5 263.0
CPDLC
GND CON
121.9 348.6
AUSTIN TOWER
121.0 281.5



TAKEOFF MINIMUMS

Rwys 18L/R: Standard.

Rwys 36L/R: Standard with minimum climb of 240' per NM to 2600.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

AUSTIN SEVEN DEPARTURE

(AUS7.CWK) 05SEP24

AUSTIN, TEXAS

AUSTIN-BERGSTROM INTL (AUS)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 18L/R, 36L/R: Climb on assigned heading for vectors, then on assigned transition. Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

GOOCH SPRINGS TRANSITION (AUS7.AGJ): From over CWK VORTAC on CWK R-321 and AGJ R-142 to AGJ VORTAC.

JUNCTION TRANSITION (AUS7.JCT): From over CWK VORTAC on CWK R-271 to AMUSE INT then on JCT R-088 to JCT VORTAC.

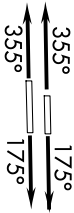
SAN ANTONIO TRANSITION (AUS7.SAT): From over CWK VORTAC on CWK R-222 and SAT R-040 to SAT VORTAC.

STONEWALL TRANSITION (AUS7.STV): From over CWK VORTAC on CWK R-271 to AMUSE INT then on STV R-047 to STV VORTAC.

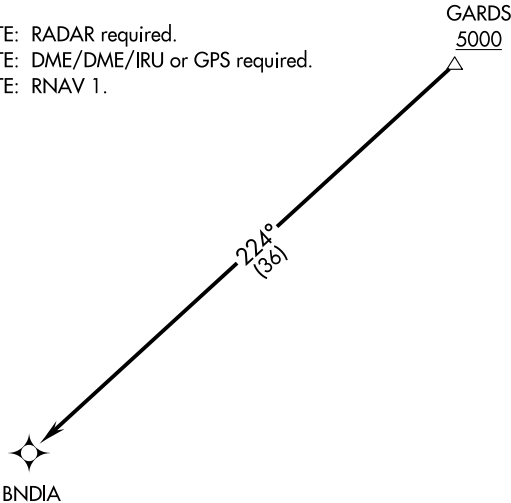
BNDIA THREE DEPARTURE (RNAV)

TOP ALTITUDE:
ASSIGNED BY ATC

D-ATIS
124.4
CLNC DEL
125.5 263.0
CPDLC
GND CON
121.9 348.6
AUSTIN TOWER
121.0 281.5
AUSTIN DEP CON
119.0 370.85



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



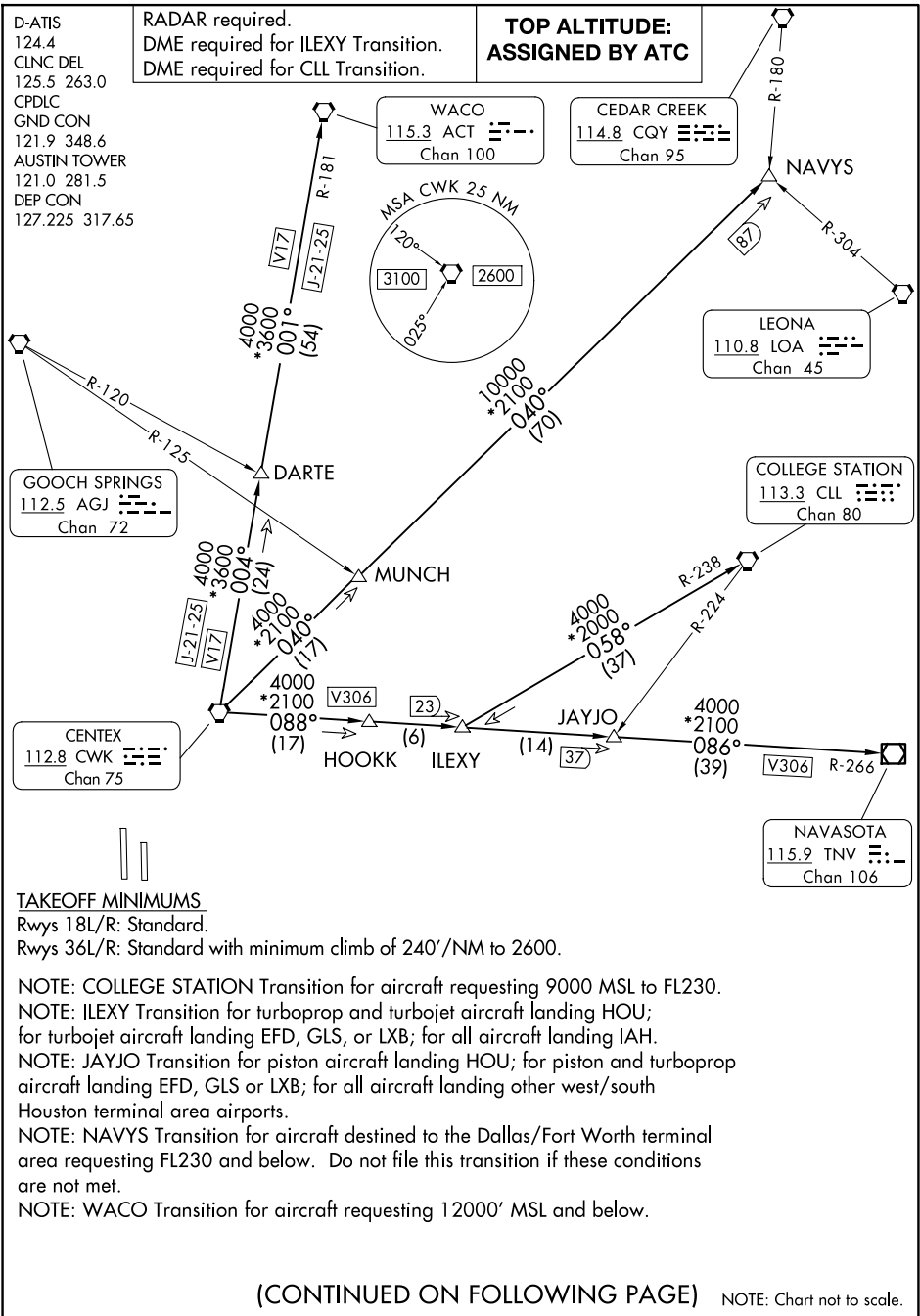
TAKEOFF MINIMUMS:
Rwys 18L/R: Standard.
Rwys 36L/R: Standard with minimum climb of 240' per NM to 2600.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 18L/R: Climb on heading 175° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence
TAKEOFF RUNWAYS 36L/R: Climb on heading 355° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence
. . . . on track 224° to BNDIA. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.



CENTEX EIGHT DEPARTURE

AL-556 (FAA)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 18L/R, 36L/R: Climb on assigned heading for vectors, then on assigned transition. Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

COLLEGE STATION TRANSITION (CWK8.CLL): From over CWK VORTAC on CWK R-088 to ILEXY, then on CLL R-238 to CLL VORTAC.

ILEXY TRANSITION (CWK8.ILEXY): From over CWK VORTAC on CWK R-088 to ILEXY.

JAYJO TRANSITION (CWK8.JAYJO): From over CWK VORTAC on CWK R-088 to JAYJO INT.

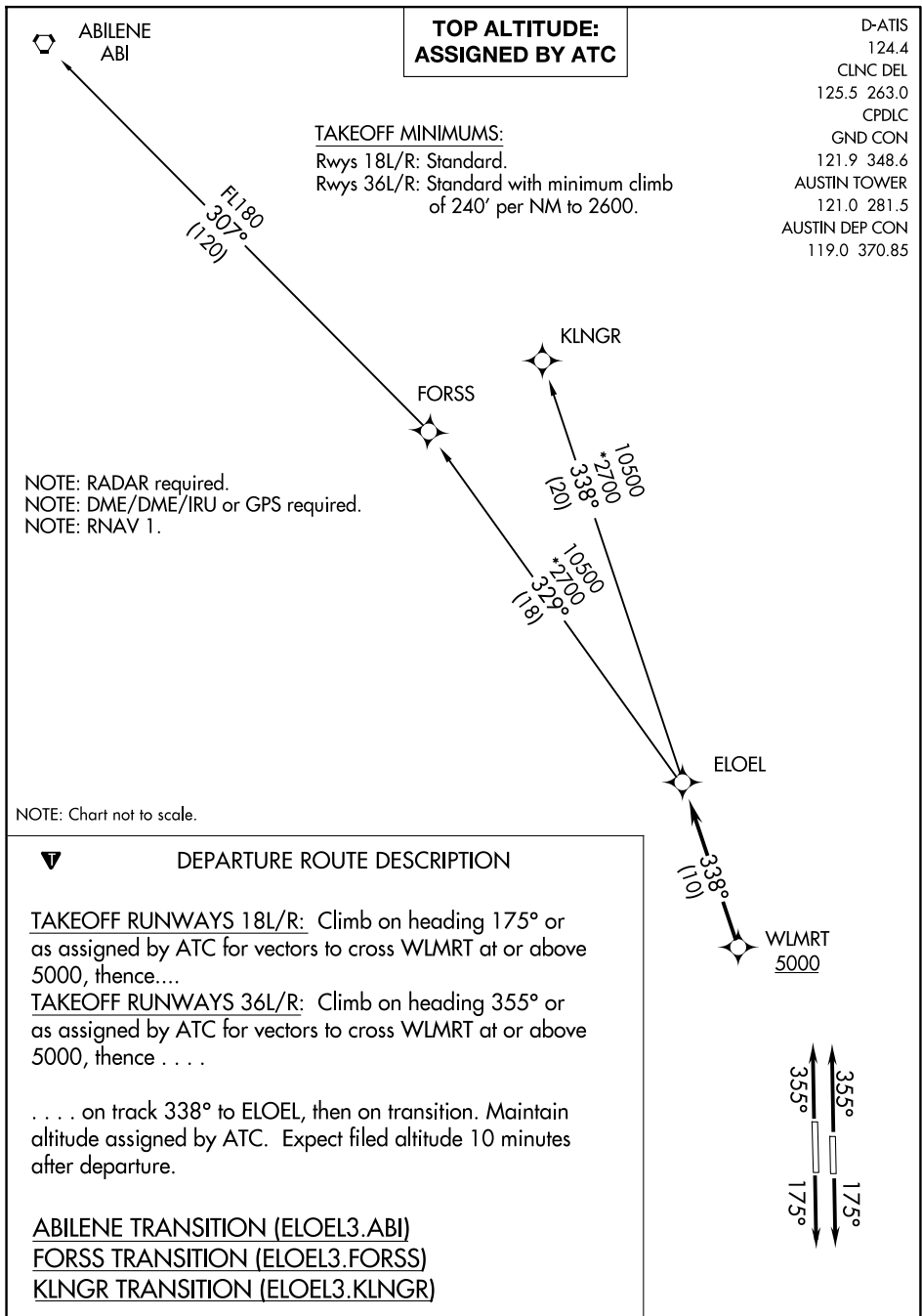
NAVASOTA TRANSITION (CWK8.TNV): From over CWK VORTAC on CWK R-088 and TNV R-266 to TNV VOR/DME.

NAVYS TRANSITION (CWK8.NAVYS): From over CWK VORTAC on CWK R-040 to NAVYS INT.

WACO TRANSITION (CWK8.ACT): From over CWK VORTAC on CWK R-004 and ACT R-181 to ACT VORTAC.

SC-3, 03 SEP 2026 to 29 OCT 2026

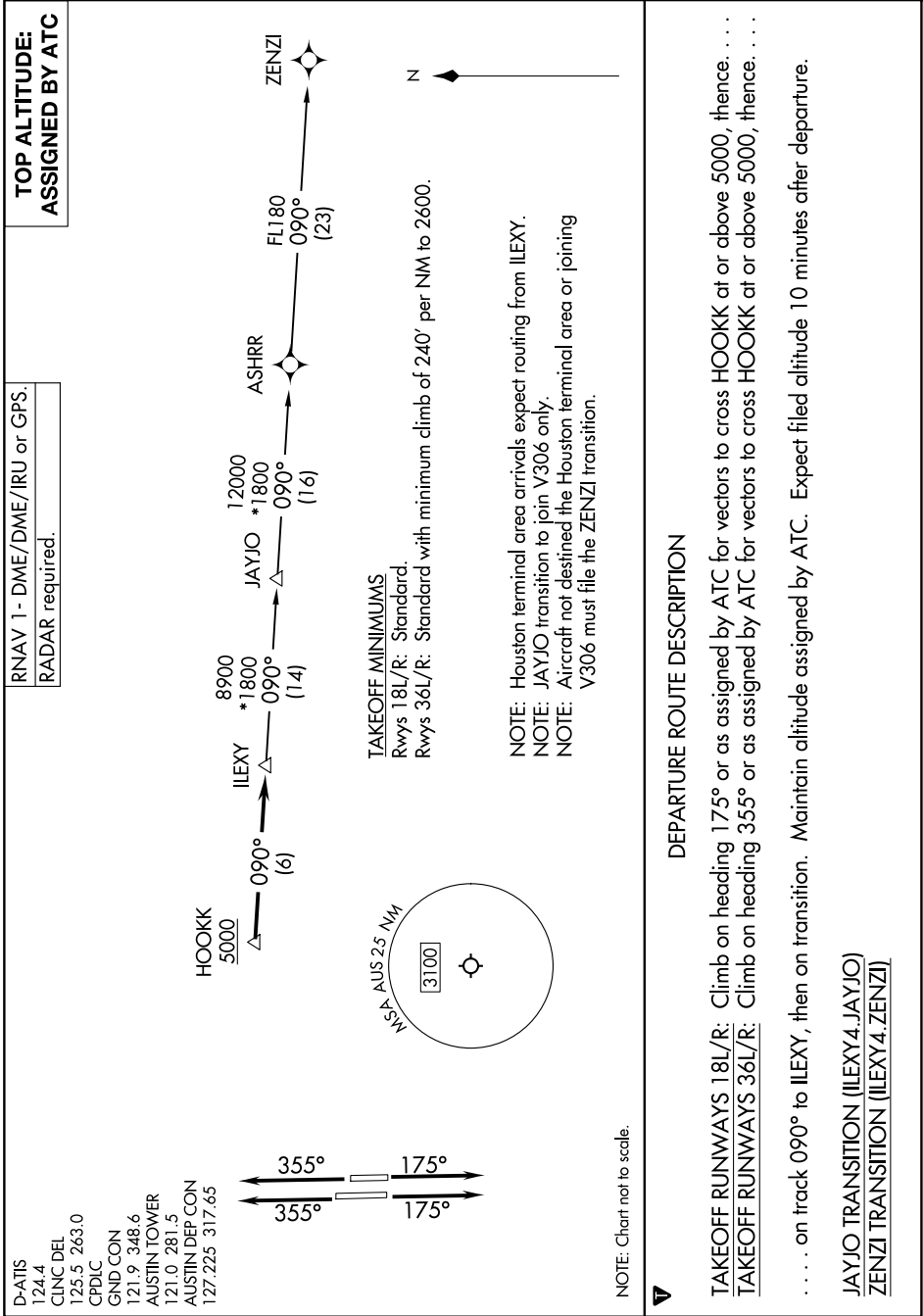
SC-3, 03 SEP 2026 to 29 OCT 2026



(ILEXY4.ILEXY) 23166

ILEXY FOUR DEPARTURE (RNAV) AL-556 (FAA)

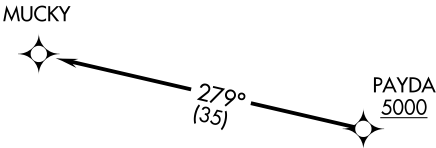
AUSTIN-BERGSTROM INTL (AUS)
AUSTIN, TEXAS



D-ATIS
124.4
CLNC DEL
125.5 263.0
CPDLC
GND CON
121.9 348.6
AUSTIN TOWER
121.0 281.5
AUSTIN DEP CON
119.0 370.85

TOP ALTITUDE:
ASSIGNED BY ATC

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



TAKEOFF MINIMUMS
Rwys 18L/R: Standard.
Rwys 36L/R: Standard with minimum climb
of 240' per NM to 2600.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 18L/R: Climb on heading 175° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .
TAKEOFF RUNWAYS 36L/R: Climb on heading 355° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .

. . . .on track 279° to MUCKY. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

(PALMS4.CRP) 25219

AUSTIN-BERGSTROM INTL (AUS)
AUSTIN, TEXAS

PALMS FOUR DEPARTURE

AL-556 (FAA)

RADAR required.

TOP ALTITUDE:
ASSIGNED BY ATC

AUSTIN DEP CON
127.225 317.65
D-ATIS
124.4
CLNC DEL
125.5 263.0
CPDLC
GND CON
121.9 348.6
AUSTIN TOWER
121.0 281.5

CENTEX
112.8 CWK
Chan 75

STINSON
108.4 SSF

R-090

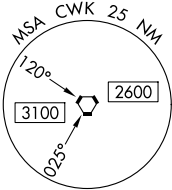
PALMS
5000

R-352

CORPUS CHRISTI
115.5 CRP
Chan 102

TAKEOFF MINIMUMS

Rwys 18L/R: Standard.
Rwys 36L/R: Standard with minimum climb of 240' per NM to 2600.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 18L/R, 36L/R: Climb on assigned heading for vectors to CWK VORTAC, then on CWK R-169 to cross PALMS INT at or above 5000, then on CRP R-352 to CRP VORTAC. Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

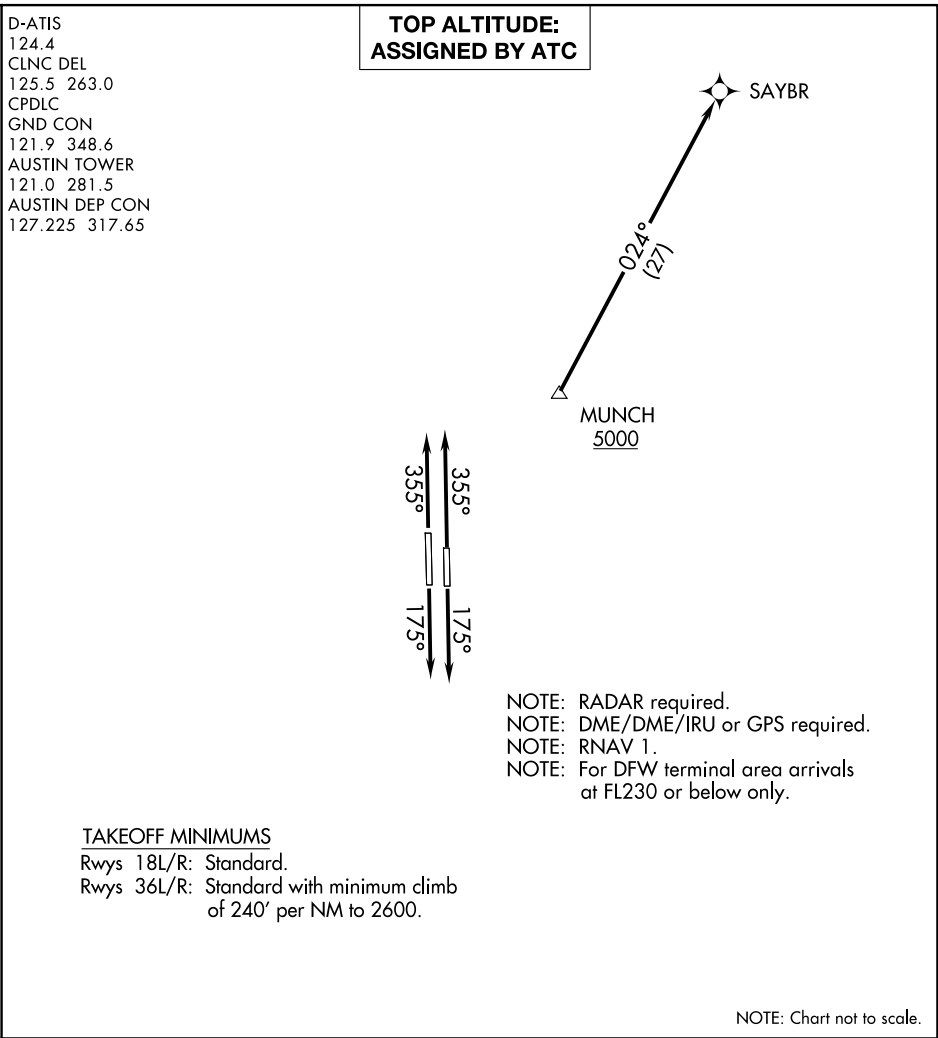
PALMS FOUR DEPARTURE

(PALMS4.CRP) 07AUG25

AUSTIN, TEXAS
AUSTIN-BERGSTROM INTL (AUS)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



▼

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 18L/R: Climb on heading 175° or as assigned by ATC for
vectors to cross MUNCH at or above 5000, thence

TAKEOFF RUNWAYS 36L/R: Climb on heading 355° or as assigned by ATC for
vectors to cross MUNCH at or above 5000, thence

. . . .on track 024° to SAYBR. Maintain altitude assigned by ATC.
Expect filed altitude 10 minutes after departure.

ILS or LOC RWY 13
SAN MARCOS RGNL (HYI)

MISSED APPROACH: Climb to 2000 then climbing left turn to 3200 direct GARYS LOM/INT and hold.

GND CON
120.125

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SAN MARCOS RGNL (HYI)
ILS or LOC RWY 13

WAAS CH 72932 W08A	APP CRS 081°	Rwy Ldg TDZE 589 Apt Elev 595
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RNAV (GPS) RWY 8
SAN MARCOS RGNL (HYI)

RNP APCH.

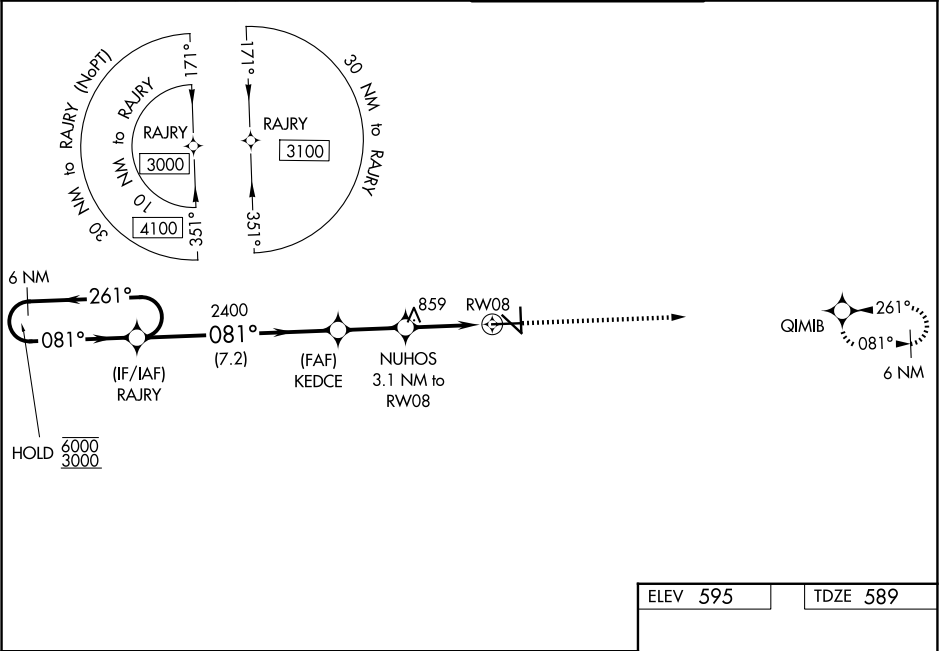
▼

⚠

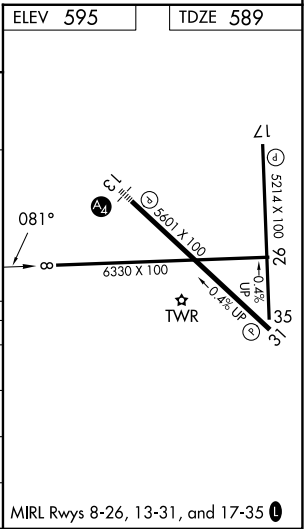
Circling NA for Cat E SW of Rwy 13-31; Rwy 8 helicopter visibility reduction below 3/4 SM NA. Baro-VNAV NA when using New Braunfels altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. VDP NA with New Braunfels altimeter setting. When local altimeter setting not received, use New Braunfels altimeter setting and increase LPV DA to 882, LNAV/VNAV DA to 953 and increase all MDA 60 feet; increase LNAV Cat C/D/E and Circling Cat C/D visibility 1/4 SM.

MISSED APPROACH:
Climb to 3000 direct
QIMB and hold.

ATIS 120.825	AUSTIN APP CON 119.0 370.85	SAN MARCOS TOWER ★ 126.825 (CTAF) 0	GND CON 120.125
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6 NM Holding Pattern	RAJRY	KEDCE	NUHOS 3.1 NM to RW08	*1.5 NM to RW08	RW08
6000 3000	261° 081°	2400	*1620		
GP 3.00° TCH 55		7.2 NM	2.4 NM	1.6 NM	1.5 NM
CATEGORY	A	B	C	D	E
LPV DA		839-1	250 (300-1)		
LNAV/VNAV DA		910-1	321 (400-1)		
LNAV MDA	1120-1	531 (600-1)	1120-1½	531 (600-1½)	
CIRCLING	1120-1	525 (600-1)	1240-1¾ 645 (700-1¾)	1320-2¼ 725 (800-2¼)	1340-2¾ 745 (800-2¾)



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SC-3, 03 SEP 2026 to 29 OCT 2026

AUSTIN, TEXAS

AI-502 (FAA)

25331

WAAS CH 86232 W13A	APP CRS 126°	Rwy Ldg 5601 TDZE 593 Apt Elev 595
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RNAV (GPS) RWY 13

SAN MARCOS RGNL (HYI)

RNP APCH-GPS.

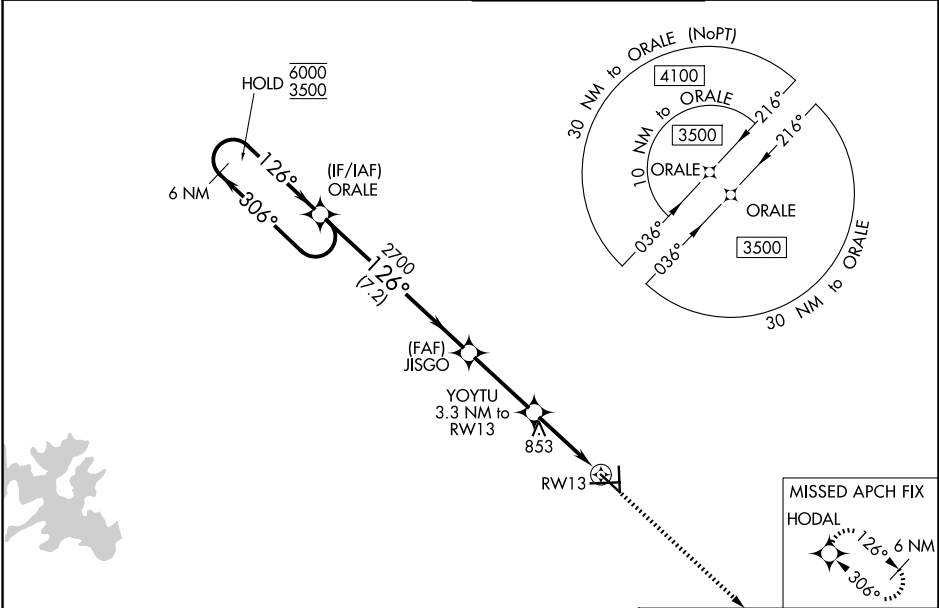
⚠ Circling NA for Cat E southwest of Rwy 13-31. Inop table does not apply to LPV all Cats.
⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.
For inop ALS, increase LNAV/VNAV Cat E visibility to 1 SM and LNAV Cat E visibility to 1½ SM.

MALS



MISSED APPROACH:
Climb to 3000 direct
HODAL and hold.

ATIS 120.825	AUSTIN APP CON 119.0 370.85	SAN MARCOS TOWER★ 126.825 (CTAF) 0	GND CON 120.125
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6 NM Holding Pattern		ORALE		JISGO		YOUTU 3.3 NM to RWY 13		1.5 NM to RWY 13		RWY 13	
6000 3500		126°		2700		1700		6330 X 100		5601 X 100	
GP 3.00° TCH 57		7.2 NM		3.1 NM		1.8 NM		1.5 NM		0.4% UP	
CATEGORY	A	B	C	D	E						
LPV DA	793-¾ 200 (200-¾)										
LNAV/VNAV DA	946-¾ 353 (400-¾)										
LNAV MDA	1120-¾	527 (600-¾)	1120-1¼ 527 (600-1¼)								
CIRCLING	1120-1	525 (600-1)	1240-1¾ 645 (700-1¾)	1320-2¼ 725 (800-2¼)	1340-2¾ 745 (800-2¾)						

AUSTIN, TEXAS

Amdt 2C 12AUG21

29°54'N-97°52'W

RNAV (GPS) RWY 13

SAN MARCOS RGNL (HYI)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 77832 W17A	APP CRS 171°	Rwy Ldg TDZE 595 Apt Elev 595
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RNAV (GPS) RWY 17

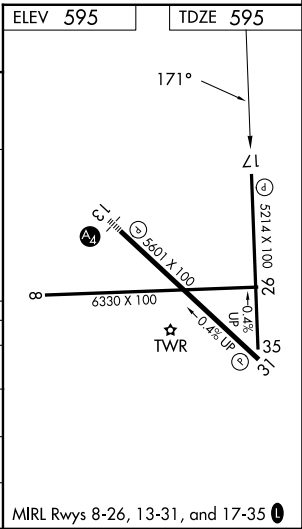
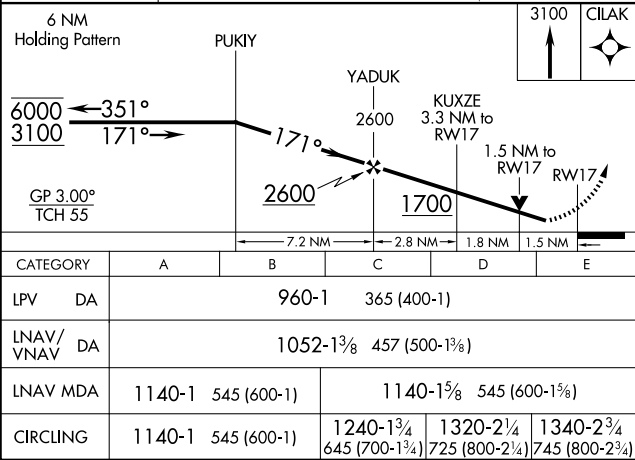
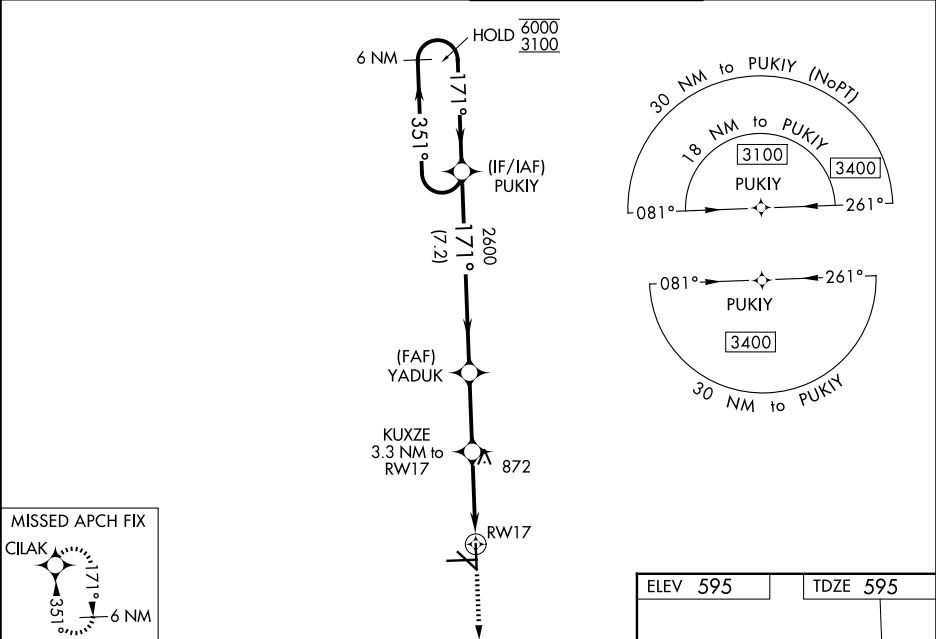
SAN MARCOS RGNL (HYI)

RNP APCH - GPS.

⚠ Circling NA for Cat E southwest of Rwy 13-31. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Baro-VNAV and VDP NA when using BAZ altimeter setting. Rwy 17 helicopter visibility reduction below $\frac{3}{4}$ SM NA. When local altimeter setting not received, use BAZ altimeter setting and increase LPV DA to 1003 feet and all visibilities $\frac{1}{8}$ SM; increase LNAV/VNAV DA to 1095 feet; increase all MDAs 60 feet and LNAV visibility Cts C/D/E $\frac{1}{8}$ SM, and Circling visibility Cts C/D $\frac{1}{4}$ SM.

MISSED APPROACH:
Climb to 3100 direct
CILAK and hold.

ATIS 120.825	AUSTIN APP CON 119.0 370.85	SAN MARCOS TOWER ★ 126.825 (CTAF) 0	GND CON 120.125
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SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

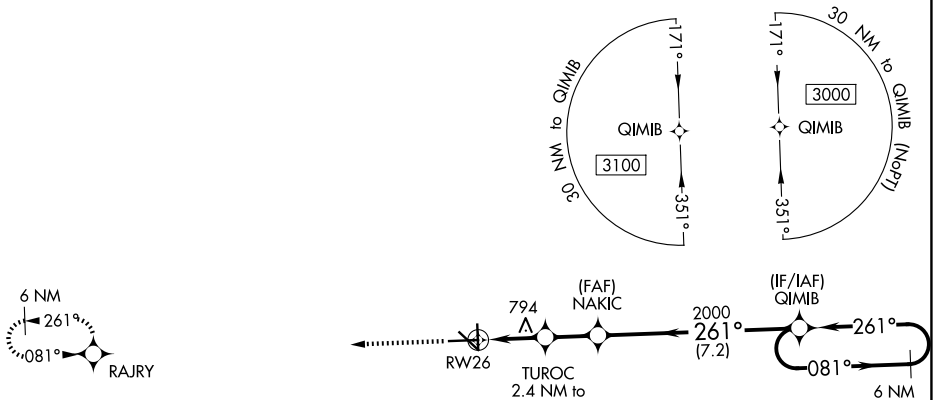
WAAS CH 78332 W26A	APP CRS 261°	Rwy Idg 6330 TDZE 587 Apt Elev 595
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RNAV (GPS) RWY 26
SAN MARCOS RGNL (HYI)

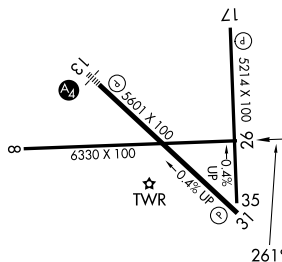
⚠ Baro-VNAV NA when using New Braunfels altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (3°F) or above 54°C (130°F). When local altimeter setting not received, use New Braunfels altimeter setting and increase all DA 43 feet and all MDA 60 feet; increase LPV and LNAV/VNAV all Cats, and LNAV Cat C/D/E visibility $\frac{1}{8}$ mile and Circling Cat C/D visibility $\frac{1}{4}$ mile. Circling NA for Cat E SW of Rwy 13-31. DME/DME RNP-0.3 NA. VDP NA with New Braunfels altimeter setting. Helicopter visibility reduction below $\frac{3}{4}$ SM NA.

MISSED APPROACH:
Climb to 3000 direct
RAJRY and hold.

ATIS 120.825	AUSTIN APP CON 119.0 370.85	SAN MARCOS TOWER★ 126.825 (CTAF) 0	GND CON 120.125
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ELEV 595		TDZE 587
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***LNAV only.**

RW26

TUROC
2.4 NM to RW26

NAKIC
2000

QIMIB

6 NM Holding Pattern

081° → 3000
← 261°

GP 3.00°
TCH 55

CATEGORY	A	B	C	D	E
LPV DA	837-¾ 250 (300-¾)				
LNAV/VNAV DA	866-⅞ 279 (300-⅞)				
LNAV MDA	1060-1	473 (500-1)	1060-1⅜ 473 (500-1⅜)		
CIRCLING	1080-1 485 (500-1)	1120-1 525 (600-1)	1240-1¼ 645 (700-1¼)	1320-2¼ 725 (800-2¼)	1340-2¾ 745 (800-2¾)

AUSTIN, TEXAS
Orig-B 23JUN16

29°54'N-97°52'W

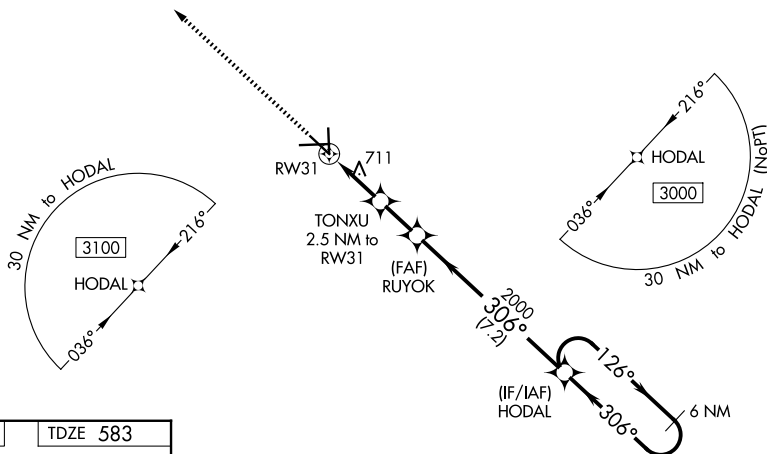
SAN MARCOS RGNL (HYI)
RNAV (GPS) RWY 26

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 31
SAN MARCOS RGNL (HYI)

MISSED APPROACH:
Climb to 3500 direct
ORLE and hold.



3500 *LNAV only. ORALE 						
CATEGORY	A		B	C	D	E
LPV DA	860-7 ⁸ 277 (300-7 ⁸)					
LNAV/VNAV DA	906-1 323 (400-1)					
LNAV MDA	980-1 397 (400-1)			980-1 ¹ ⁸ 397 (400-1 ¹ ⁸)		
CIRCLING	1080-1 485 (500-1)	1120-1 525 (600-1)	1240-1 ³ ⁴ 645 (700-1 ³ ⁴)	1320-2 ¹ ⁴ 725 (800-2 ¹ ⁴)	1340-2 ³ ⁴ 745 (800-2 ³ ⁴)	

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

AUSTIN, TEXAS

AL-502 (FAA)

25331

WAAS CH 70632 W35A	APP CRS 351°	Rwy Ldg 5214 TDZE 583 Apt Elev 595
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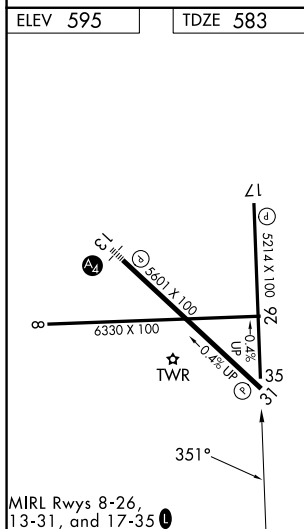
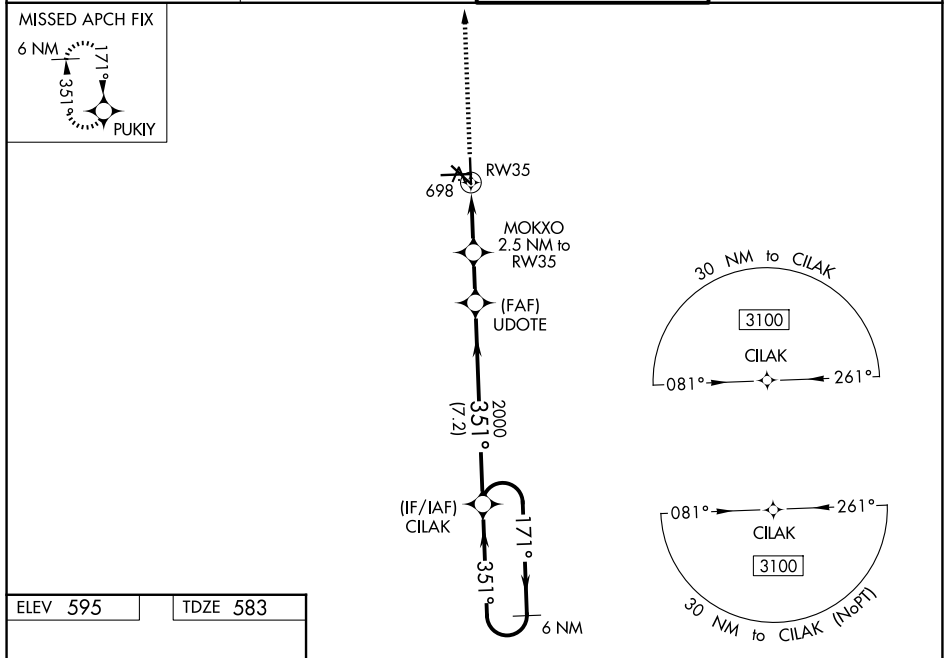
RNAV (GPS) RWY 35

SAN MARCOS RGNL (HYI)

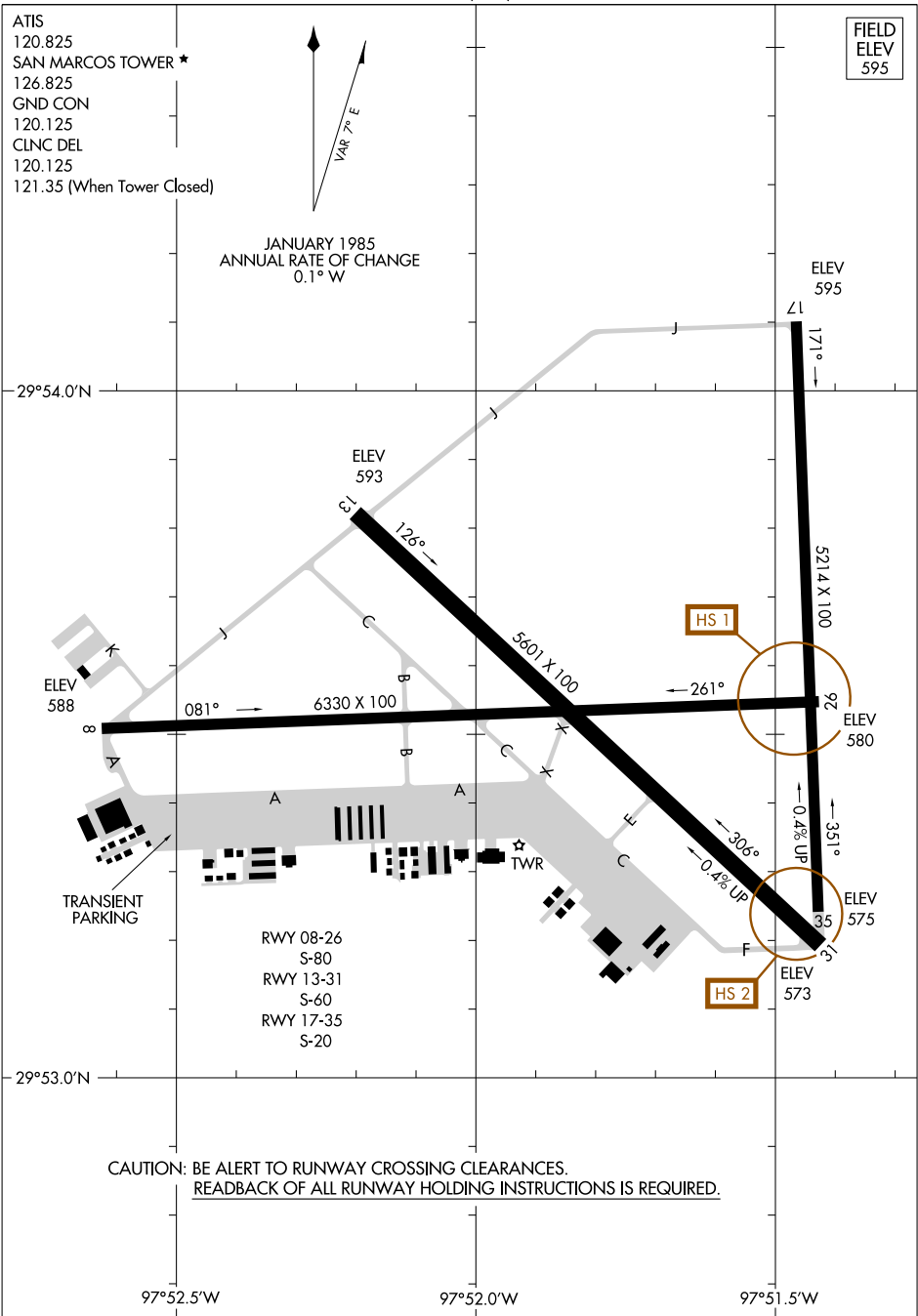
⚠ Baro-VNAV NA when using New Braunfels altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (3°F) or above 54°C (130°F). When local altimeter setting not received, use New Braunfels altimeter setting and increase all DA 43 feet and all MDA 60 feet; increase LPV all Cats and LNAV/VNAV all Cats visibility 1/8 mile; and increase LNAV Cat C/D/E visibility and Circling Cat C/D visibility 1/4. Circling NA for Cat E SW of Rwy 13-31. DME/DME RNP-0.3 NA. VDP NA with New Braunfels altimeter setting.

MISSED APPROACH:
Climb to 3100 direct PUKY and hold.

ATIS 120.825	AUSTIN APP CON 119.0 370.85	SAN MARCOS TOWER★ 126.825 (CTAF) 0	GND CON 120.125
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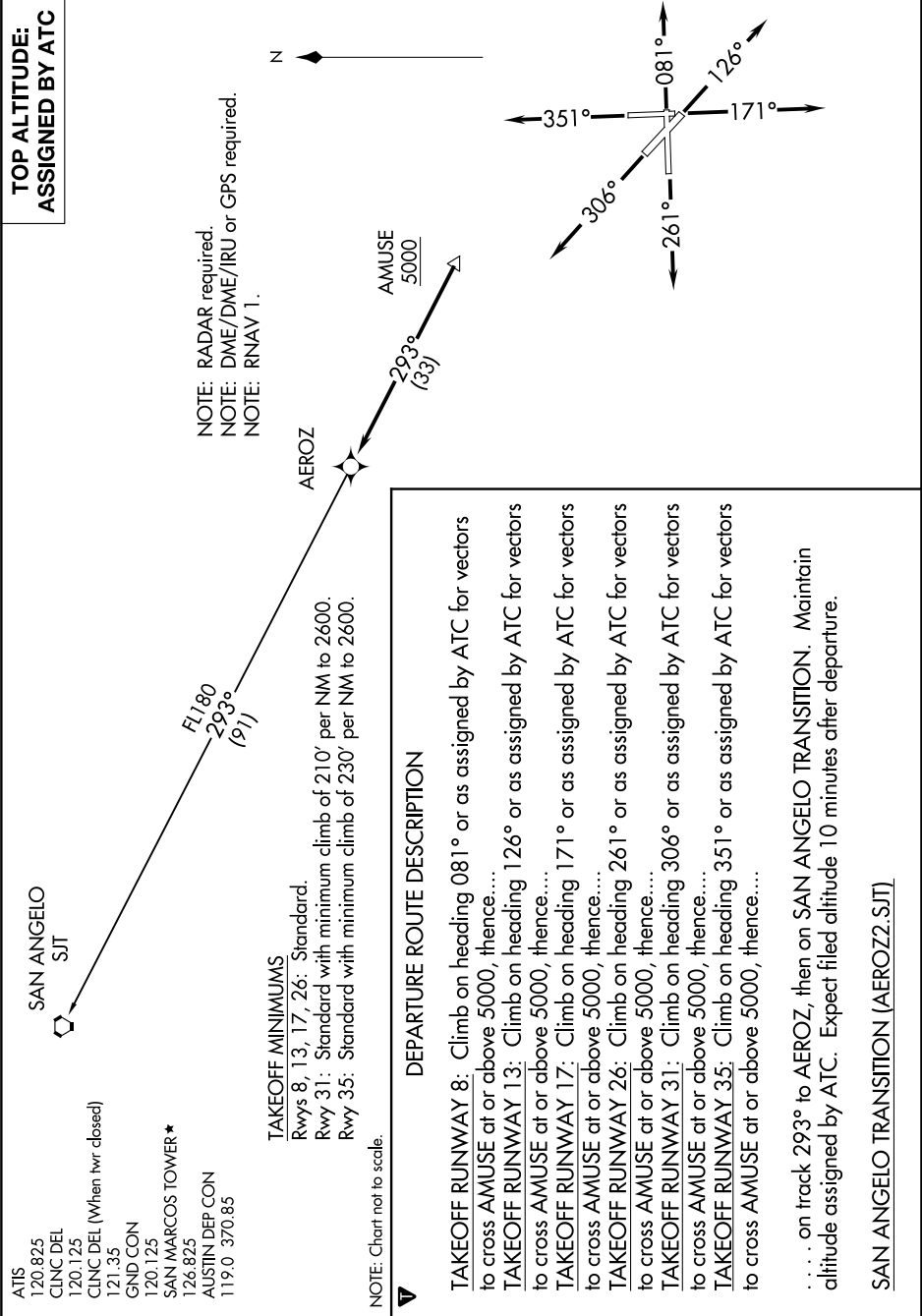
3100 ↑	PUKY ✦	6 NM Holding Pattern			
*LNAV only.		MOKXO 2.5 NM to RW35	UDOTE 2000	CILAK	
1 NM to RW35		1420	2000	171° → ← 351°	3100
↘ RW35					GP 3.00° TCH 55
1 NM		1.5 NM	1.8 NM	7.2 NM	
CATEGORY		A	B	C	D E
LPV DA		833-3/4 250 (300-3/4)			
LNAV/ VNAV DA		884-1 301 (300-1)			
LNAV MDA		960-1 377 (400-1)	960-1 1/8 377 (400-1 1/8)		
CIRCLING	1080-1 485 (500-1)	1120-1 525 (600-1)	1240-1 3/4 645 (700-1 3/4)	1320-2 1/4 725 (800-2 1/4)	1340-2 3/4 745 (800-2 3/4)

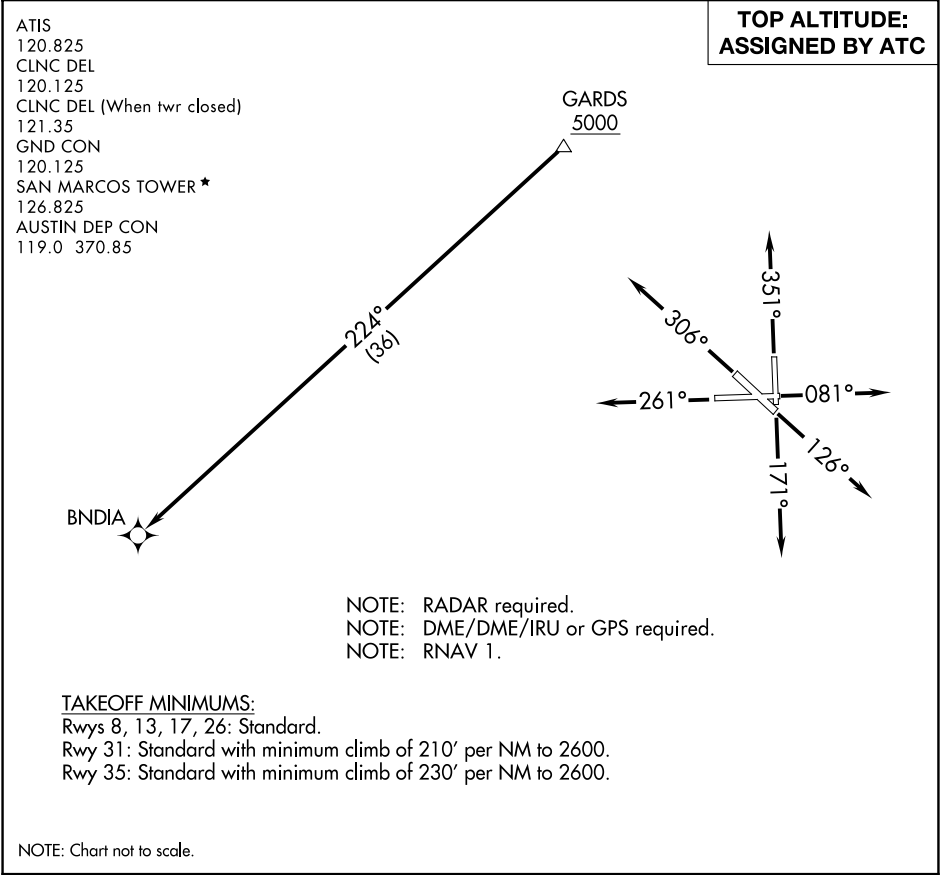


(AEROZ2.AEROZ) 25051

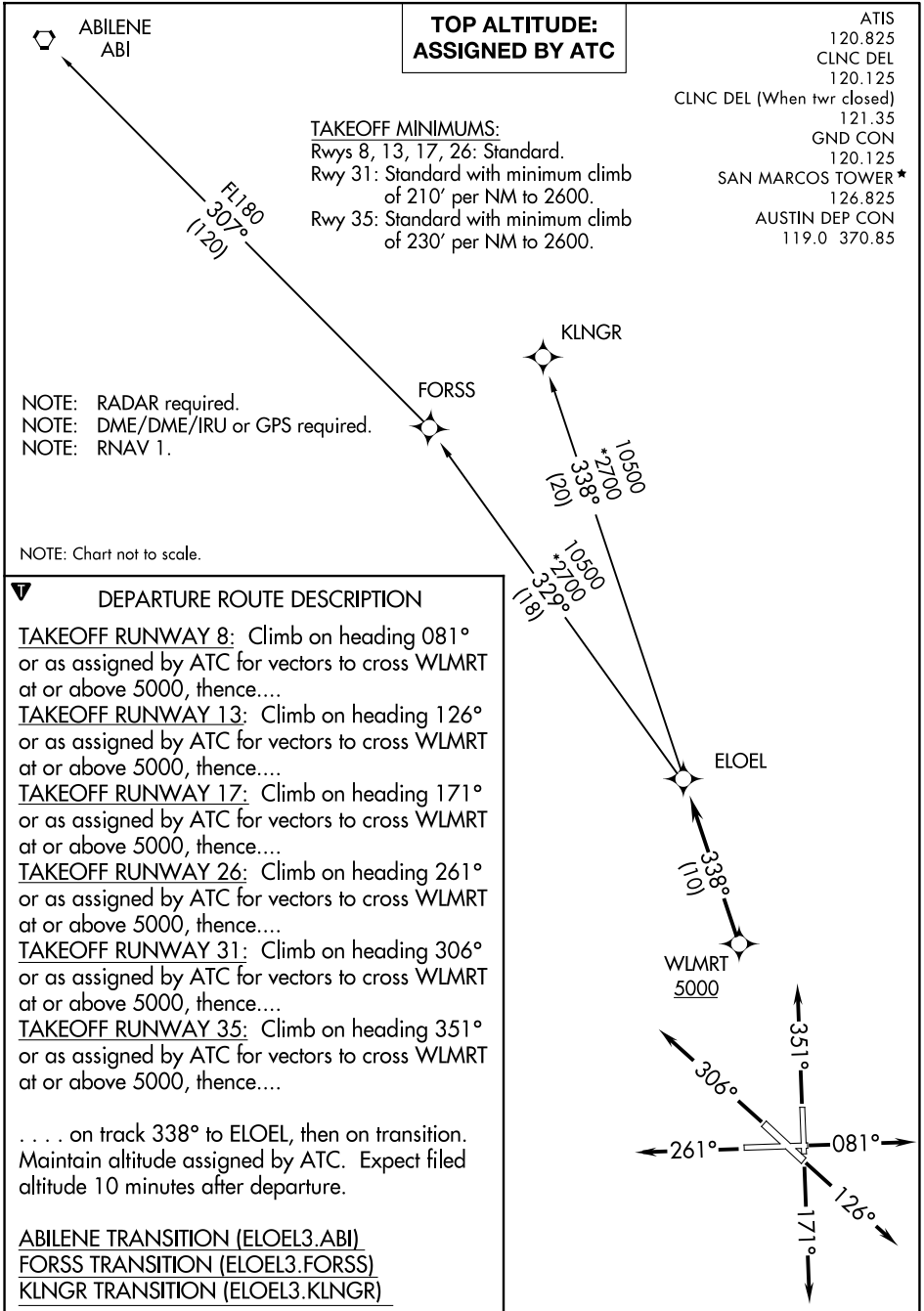
AEROZ TWO DEPARTURE (RNAV) AL-502

SAN MARCOS RGNL (HYI)
AUSTIN, TEXAS





ELOEL THREE DEPARTURE (RNAV)

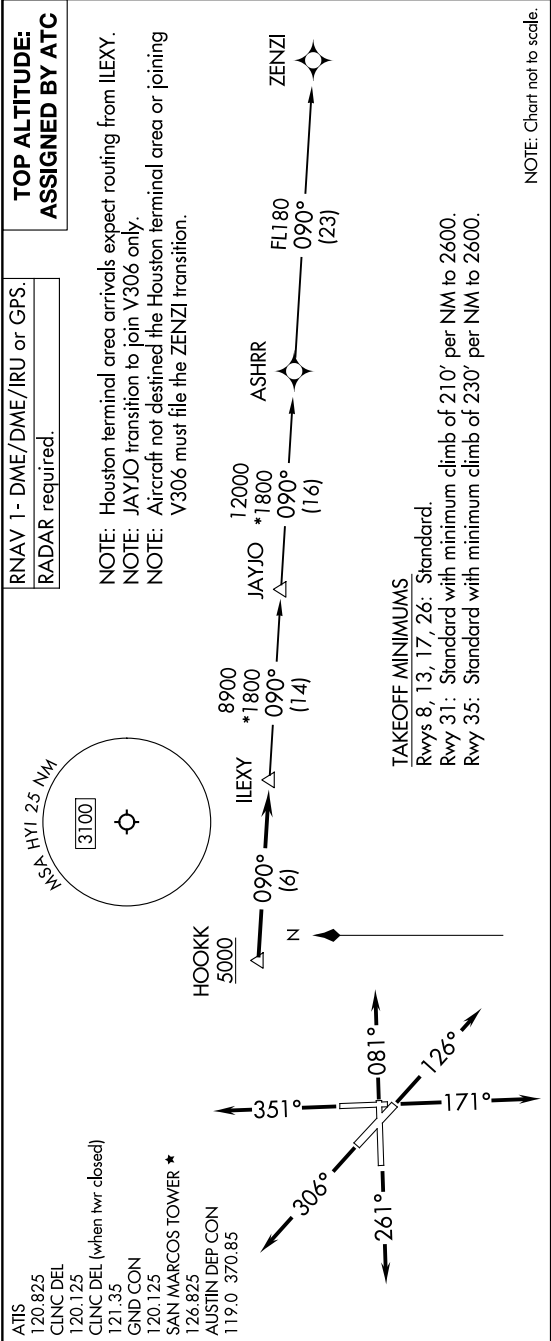


ELOEL THREE DEPARTURE (RNAV)

(ELOEL3.ELOEL) 22APR21

AUSTIN, TEXAS

SAN MARCOS RGNL (HYI)



(MUCKY3.MUCKY) 25051

AL-502 (FAA)

SAN MARCOS RGNL (HYI)

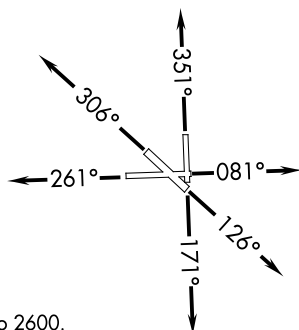
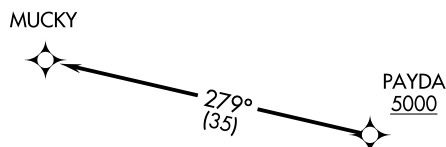
AUSTIN, TEXAS

MUCKY THREE DEPARTURE (RNAV)

ATIS
120.825
CLNC DEL
120.125
CLNC DEL (when twr closed)
121.35
GND CON
120.125
SAN MARCOS TOWER ★
126.825
AUSTIN DEP CON
119.0 370.85

**TOP ALTITUDE:
ASSIGNED BY ATC**

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

TAKEOFF MINIMUMS:

Rwys 8, 13, 17, 26: Standard.

Rwy 31: Standard with minimum climb of 210' per NM to 2600.

Rwy 35: Standard with minimum climb of 230' per NM to 2600.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 081° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence....

TAKEOFF RUNWAY 13: Climb on heading 126° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence....

TAKEOFF RUNWAY 17: Climb on heading 171° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence....

TAKEOFF RUNWAY 26: Climb on heading 261° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence....

TAKEOFF RUNWAY 31: Climb on heading 306° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence....

TAKEOFF RUNWAY 35: Climb on heading 351° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence....

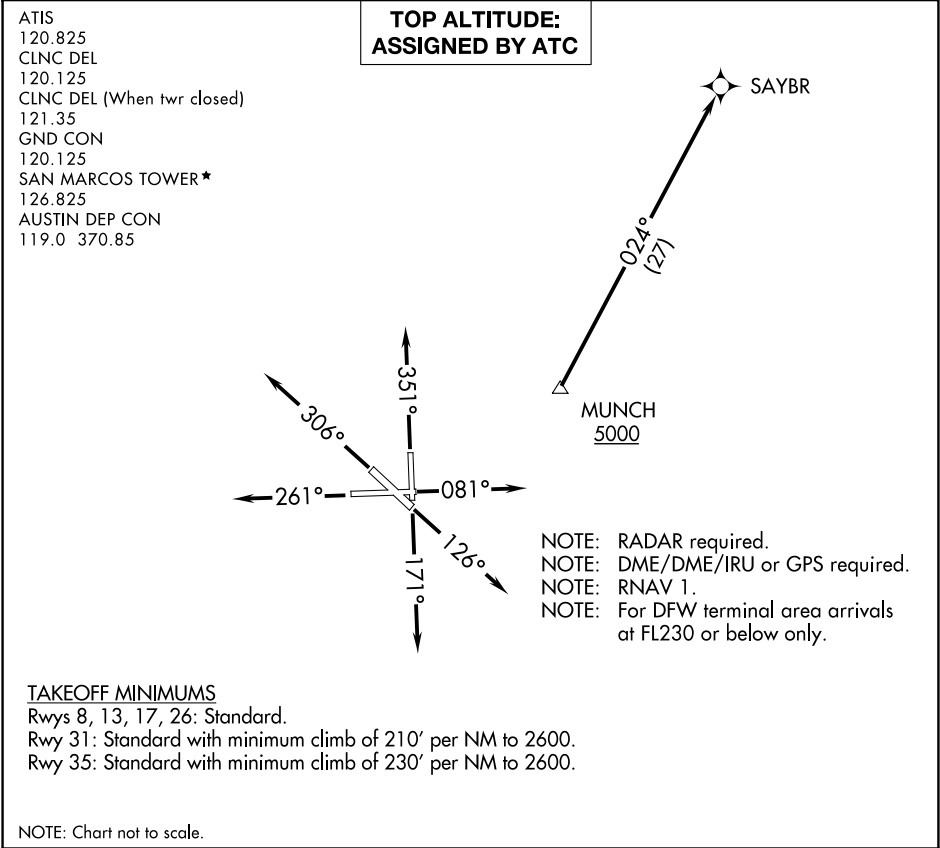
...on track 279° to MUCKY. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

MUCKY THREE DEPARTURE (RNAV)

(MUCKY3.MUCKY) 22APR21

AUSTIN, TEXAS

SAN MARCOS RGNL (HYI)



▼

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 081° or as assigned by ATC for vectors to cross MUNCH at of above 5000, thence....
TAKEOFF RUNWAY 13: Climb on heading 126° or as assigned by ATC for vectors to cross MUNCH at of above 5000, thence....
TAKEOFF RUNWAY 17: Climb on heading 171° or as assigned by ATC for vectors to cross MUNCH at of above 5000, thence....
TAKEOFF RUNWAY 26: Climb on heading 261° or as assigned by ATC for vectors to cross MUNCH at of above 5000, thence....
TAKEOFF RUNWAY 31: Climb on heading 306° or as assigned by ATC for vectors to cross MUNCH at of above 5000, thence....
TAKEOFF RUNWAY 35: Climb on heading 351° or as assigned by ATC for vectors to cross MUNCH at of above 5000, thence....

... on track 024° to SAYBR. Maintain altitude assigned by ATC.
Expect filed altitude 10 minutes after departure.

BALLINGER, TEXAS

AL-6881 (FAA)

26246

WAAS CH 53730 W17A	APP CRS 172°	Rwy Ldg 3909 TDZE 1738 Apt Elev 1739
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RNAV (GPS) RWY 17

BRUCE FLD (E30)

RNP APCH - GPS.

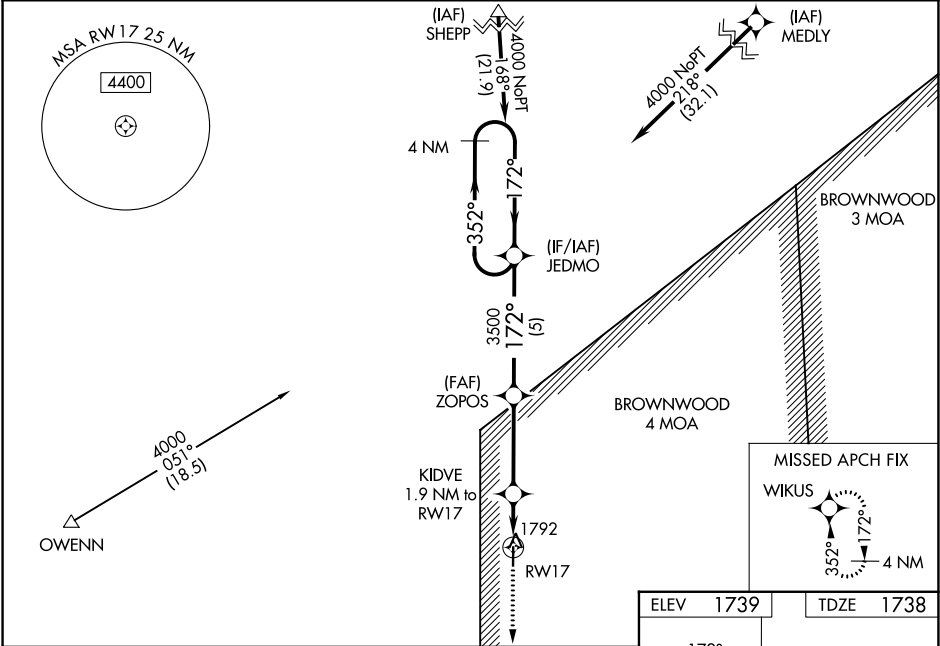
▼

▲ NA

Baro-VNAV NA. Use SJT altimeter setting; when not received, use BBD altimeter setting and increase LPV DA to 2104 feet; increase LNAV/VNAV DA to 2104 feet; increase all MDAs 20 feet. Circling Rwy 35 NA at night.

MISSED APPROACH:
Climb to 4000 direct
WIKUS and hold.

SAN ANGELO APP CON ★ 125.35 354.1	CTAF 122.9 0
---	------------------------



4 NM Holding Pattern

4000 ← 352° → 172°

GP 3.00°
TCH 40

JEDMO

3500

ZOPOS

KIDVE 1.9 NM to RW17

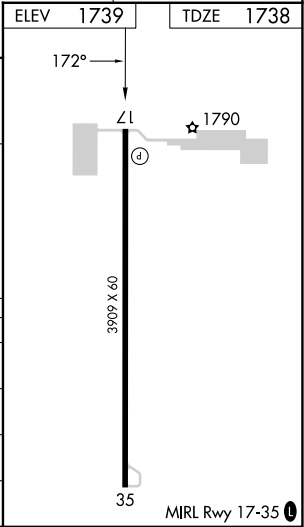
RW17

5 NM

3.5 NM

1.9 NM

CATEGORY	A	B	C	D
LPV DA	2089-1½	351 (400-1½)	NA	
LNAV/VNAV DA	2089-1½	351 (400-1½)	NA	
LNAV MDA	2160-1	422 (500-1)	NA	
CIRCLING	2220-1	481 (500-1)	NA	



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

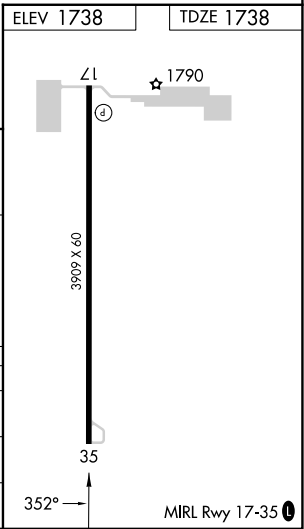
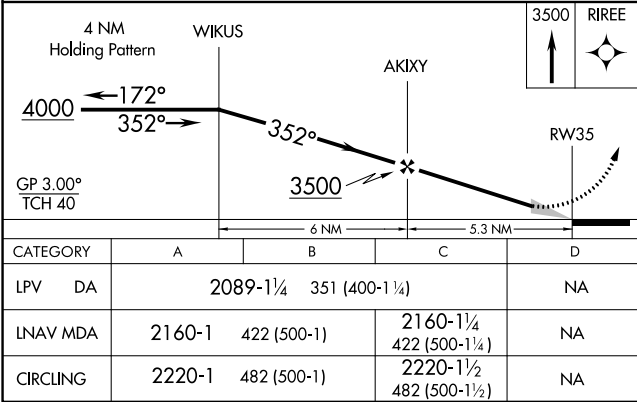
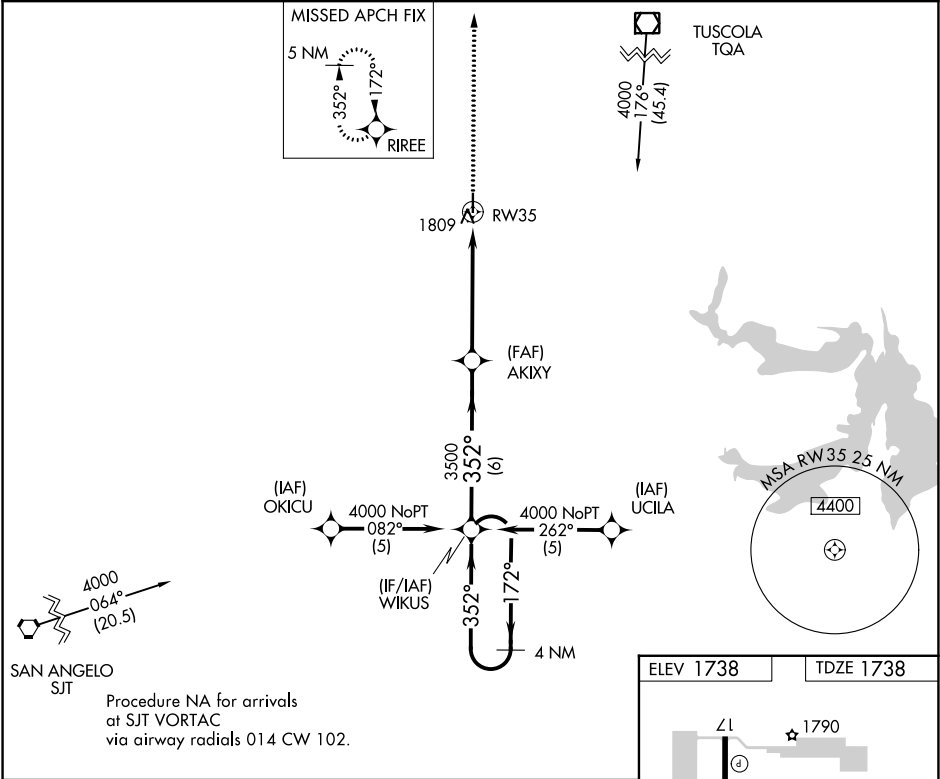
WAAS CH 86228 W35A	APP CRS 352°	Rwy Ldg 3909 TDZE 1738 Apt Elev 1738
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RNAV (GPS) RWY 35

BRUCE FLD (E30)

▼ ▲ NA DME/DME RNP-0.3 NA. Use San Angelo Rgnl/Mathis Fld altimeter setting, if not received use Curtis Field altimeter setting and increase all DA/MDAs 20 feet.	MISSED APPROACH: Climb to 3500 direct RIREE and hold.
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SAN ANGELO APP CON★ 125.35 354.1	CTAF 122.90
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BEEVILLE, TEXAS

AL-5899 (FAA)

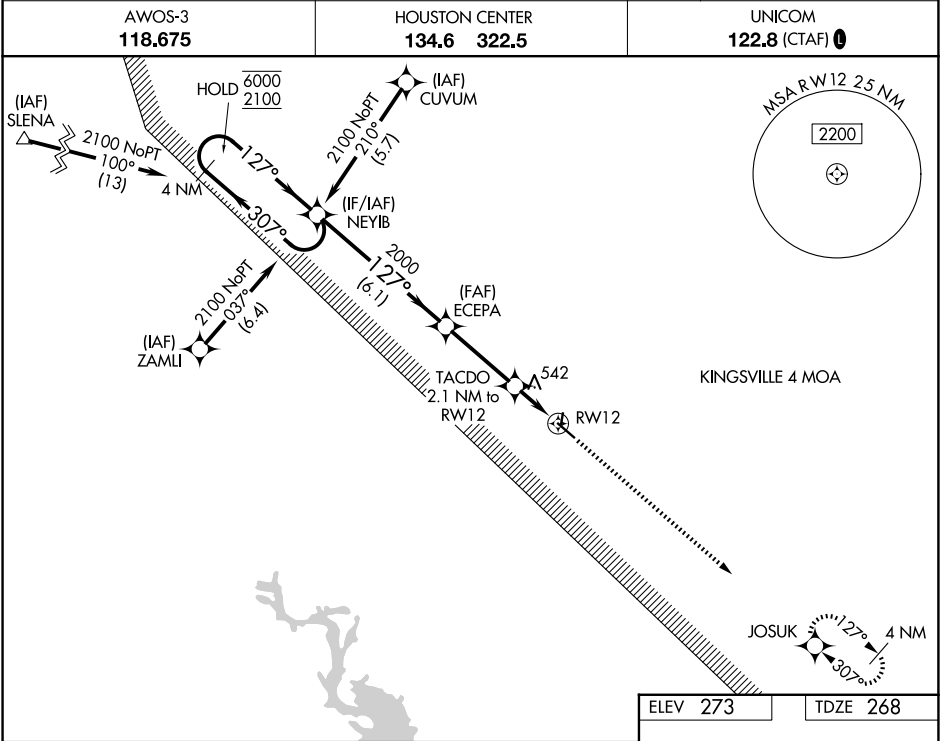
25219

WAAS CH 49241 W12A	APP CRS 127°	Rwy Ldg 4553 TDZE 268 Apt Elev 273
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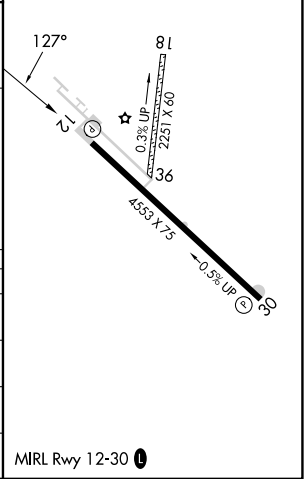
RNAV (GPS) RWY 12

BEEVILLE MUNI (BEA)

RNP APCH - GPS.		MISSED APPROACH: Climb to 2000 direct JOSUK and hold.
▼ Rwy 12 helicopter visibility reduction below ¾ SM NA. Circling Rwy 18 and 36 NA at night. ▲ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.		



4 NM Holding Pattern		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 20).		2000	JOSUK
GP 3.00° TCH 40		RW12			
6.1 NM		3.3 NM	2.1 NM		
CATEGORY	A	B	C	D	
LPV DA	518-1	250 (300-1)		NA	
LNAV/VNAV DA	800-1½	532 (600-1½)		NA	
LNAV MDA	800-1	532 (600-1)	800-1½ 532 (600-1½)	NA	
CIRCLING	800-1 527 (600-1)	1000-1 727 (800-1)	1000-2 727 (800-2)	NA	



BEEVILLE, TEXAS
Amdt 2 07AUG25

28°22'N-97°48'W

BEEVILLE MUNI (BEA)

RNAV (GPS) RWY 12

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

BEEVILLE, TEXAS

AL-5899 (FAA)

25275

WAAS CH 53741 W30A	APP CRS 307°	Rwy Ldg 4553 TDZE 262 Apt Elev 273
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RNAV (GPS) RWY 30
BEEVILLE MUNI (BEA)

RNP APCH - GPS.

T Rwy 30 helicopter visibility reduction below $\frac{3}{4}$ SM NA. For uncompensated
A Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.
Circling NA to Rwy 18 and 36.

MISSED APPROACH: Climb to 2100 direct NEYIB and hold.

AWOS-3 118.675	HOUSTON CENTER 134.6 322.5	UNICOM 122.8 (CTAF) 0
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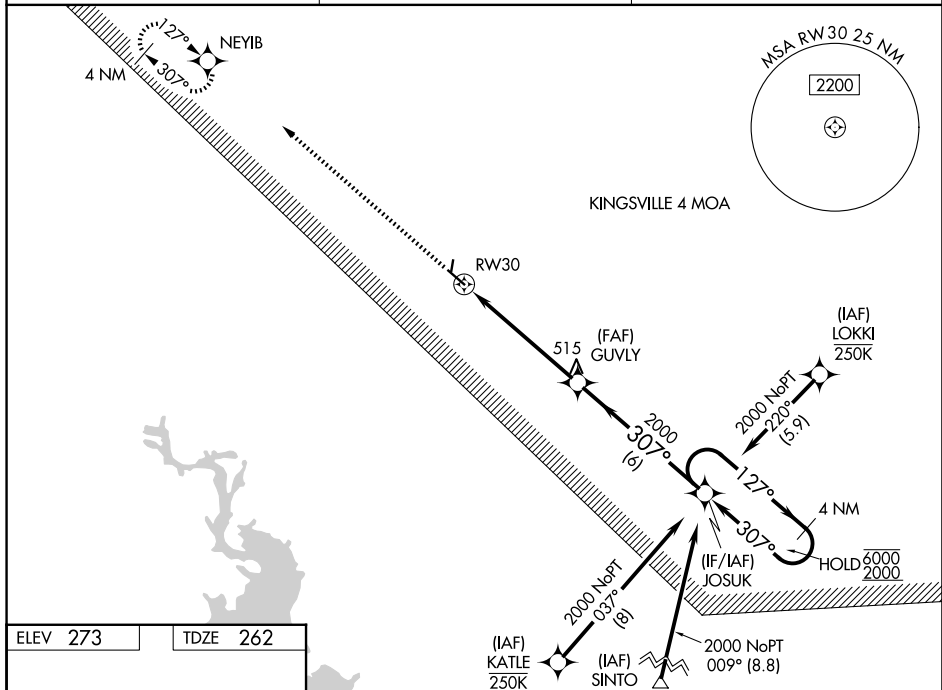


Figure 1: Example of a 4 NM Holding Pattern. The diagram illustrates a holding pattern for RW30. The aircraft enters from the left, turns right to 307° to enter the pattern. The pattern consists of a 2.4 NM leg to the RW30, followed by a 3 NM leg to the GUVLY fix, and a 6 NM leg to the JOSUK fix. The holding pattern is a 4 NM rectangle with a 127° turn to the right and a 307° turn to the left. The aircraft is shown at the start of the 2.4 NM leg, with a 0.3% UP climb and a 0.5% UP climb indicated. The diagram also shows the 4 NM Holding Pattern and the 307° turn.

BEEVILLE, TEXAS
Amdt 1A 02OCT25

28°22'N-97°48'W

BEEVILLE MUNI (BEA)

RNAV (GPS) RWY 30

BEEVILLE, TEXAS

AL-11435 (FAA)

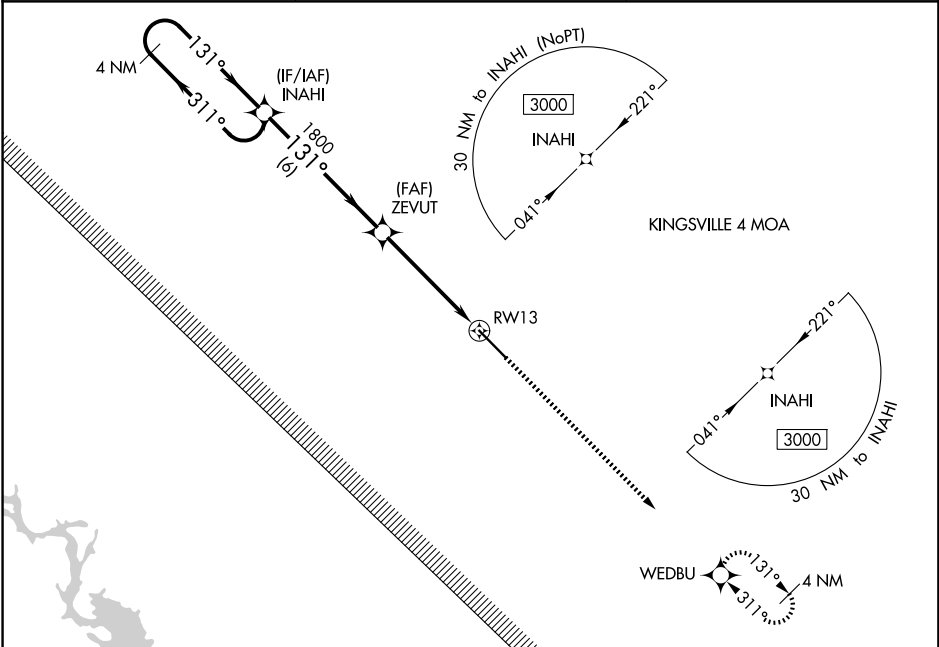
26022

WAAS CH 70740 W13A	APP CRS 131°	Rwy Ldg TDZE Apt Elev	8000 184 184
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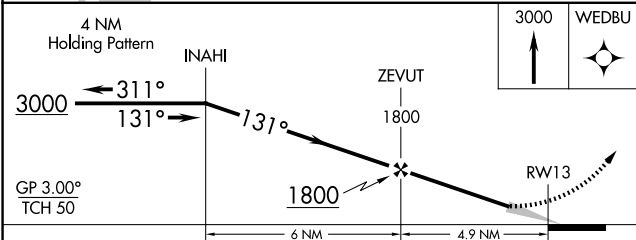
RNAV (GPS) RWY 13
CHASE FLD INDUSTRIAL (TX2)

NA	Baro-VNAV NA. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 3000 direct WEDBU and hold.
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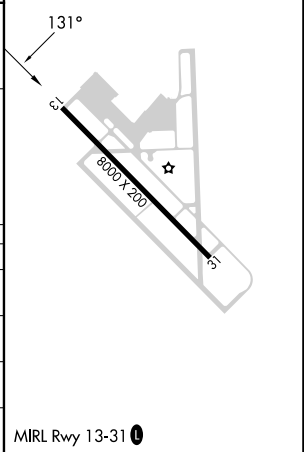
BEA AWOS-3 118.675	HOUSTON CENTER 134.6 322.5	UNICOM 122.8 (CTAF) 0
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ELEV 184	TDZE 184
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CATEGORY	A	B	C	D
LPV DA		434-3/4	250 (300-3/4)	
LNAV/VNAV DA		586-13/8	402 (500-13/8)	
LNAV MDA	720-1	536 (600-1)	720-1 1/2	536 (600-1 1/2)
CIRCLING	720-1	536 (600-1)	720-1 1/2 536 (600-1 1/2)	920-2 1/4 736 (800-2 1/4)



BEEVILLE, TEXAS
Orig 17AUG17

28°22'N-97°40'W

CHASE FLD INDUSTRIAL (TX2)
RNAV (GPS) RWY 13

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

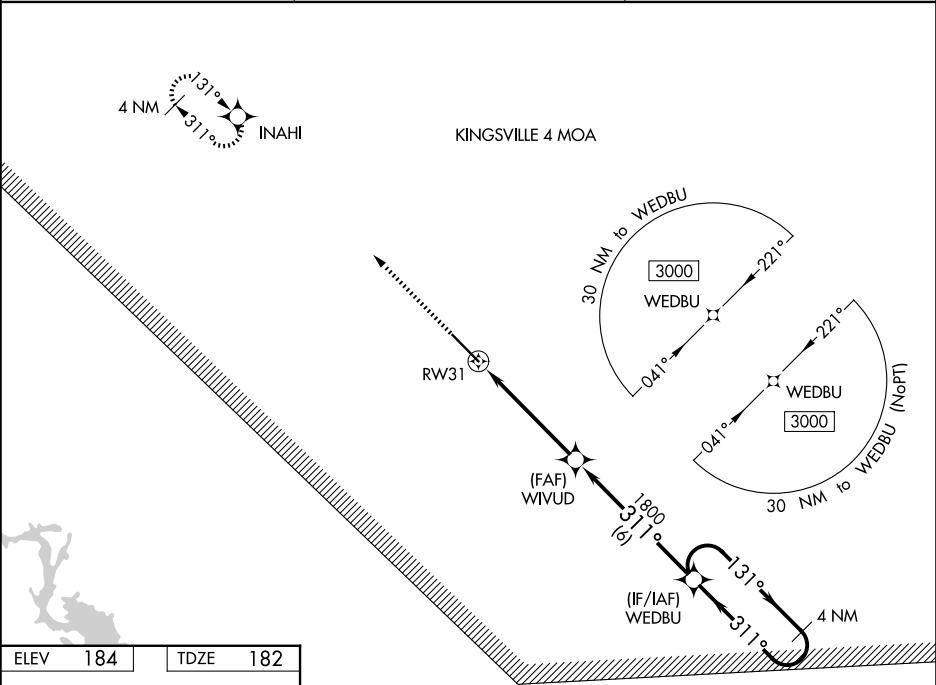
WAAS CH 77940 W31A	APP CRS 311°	Rwy Ldg TDZE 182 Apt Elev 184
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RNAV (GPS) RWY 31

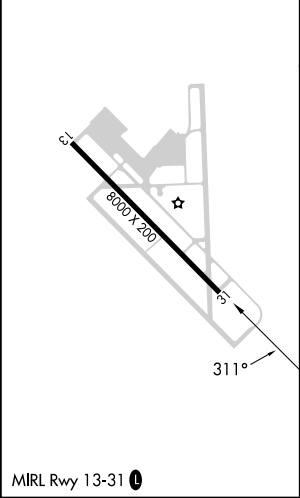
CHASE FLD INDUSTRIAL (TX2)

⚠ NA Baro-VNAV NA. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 3000 direct INAHI and hold.
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BEA AWOS-3 118.675	HOUSTON CENTER 134.6 322.5	UNICOM 122.8 (CTAF) 0
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ELEV 184	TDZE 182
-----------------	-----------------



3000

↑

INAHI

WEDBU

4 NM Holding Pattern

131°

3000

311°

311°

GP 3.00°

TCH 50

WIVUD

1800

1800

5 NM

6 NM

RW31

CATEGORY	A	B	C	D
LPV DA	432-7⁄8		250 (300-7⁄8)	
LNAV/VNAV DA	461-7⁄8		279 (300-7⁄8)	
LNAV MDA	620-1	438 (500-1)	620-1¼	438 (500-1¼)
CIRCLING	720-1	536 (600-1)	720-1½ 536 (600-1½)	920-2¼ 736 (800-2¼)

BIG LAKE, TEXAS

AL-6703 (FAA)

26246

APP CRS	Rwy Ldg	4030
161°	TDZE	2706
	Apt Elev	2706

RNAV (GPS) RWY 16

REAGAN COUNTY (E41)

RNP APCH - GPS.

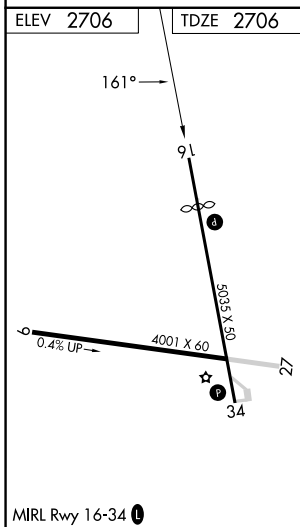
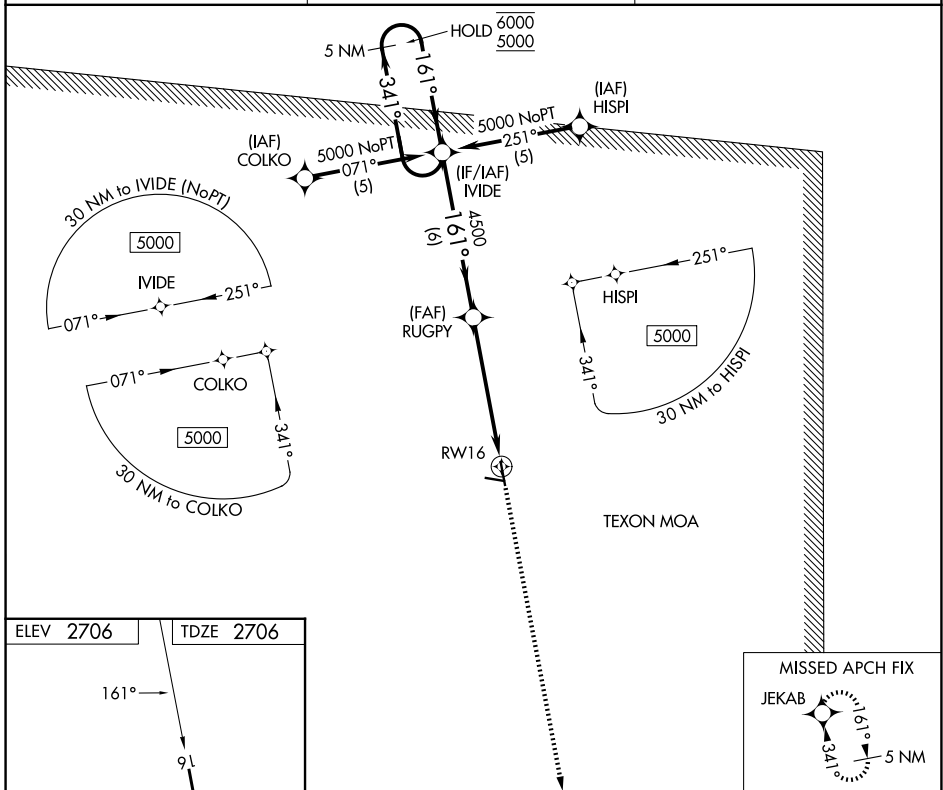
V VDP NA when using SJT altimeter setting. Circling Rwy 34 NA at night. Circling NA east of Rwy 16-34. When local altimeter setting not received, use SJT altimeter setting and increase all MDAs 240 feet and LNAV and Circling visibility Cat B/C 1 SM.

MISSED APPROACH: Climb to 5000 direct JEKAB and hold.

AWOS-3PT
118.4

FORT WORTH CENTER
126.15 322.55

CTAF
122.90



5 NM Holding Pattern				
VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 30).				
MISSED APCH FIX				
JEKAB				
5000				
RWY 16				
3.05° TCH 40				
1.6 NM to RWY 16				
6 NM				
3.9 NM				
1.6 NM				
CATEGORY	A	B	C	D
LNAV MDA	3240-1	534 (600-1)	3240-1½ 534 (600-1½)	NA
CIRCLING	3240-1	534 (600-1)	3280-1½ 574 (600-1½)	NA

BIG LAKE, TEXAS
Orig-B 03SEP26

31°12' N-101°29' W

REAGAN COUNTY (E41)
RNAV (GPS) RWY 16

SC-3, 03 SEP 2026 to 29 OCT 2026

ILS or LOC RWY 22

I-BIF LOC/DME 110.9 Chan 46	APCH CRS 216°	Rwy Idg 13,553 TDZE 3947 Arpt Elev 3947
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[USA]

BIGGS AAF (KBIF)

RADAR required when R-5103-A,B,C, R-5107K are active.

*Circling not authorized for CAT DE NW of Rwy 4.

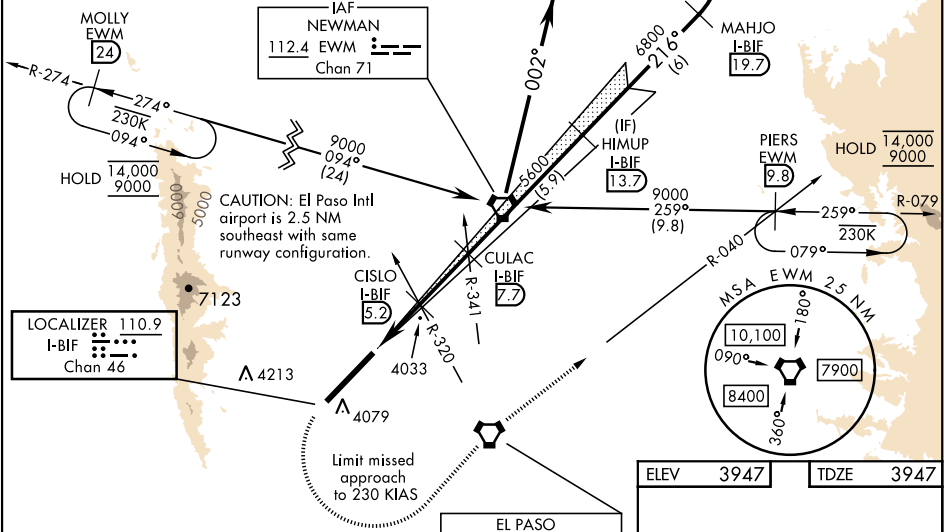
EL PASO ATIS 120.0 254.3	EL PASO APP 119.15 353.5 (S of V16) 124.25 298.85 (N of V16)	TOWER 127.9 342.25	GND CON 121.6 251.125	ASR
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Arrivals expect RADAR vectors to final when restricted areas are active.

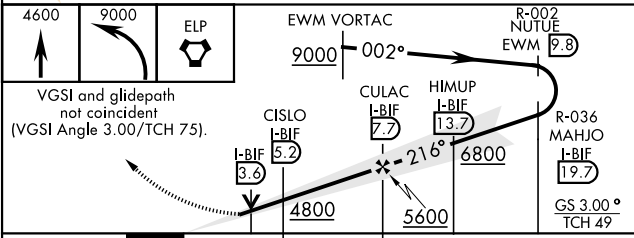
Procedure NA via V-94-611, T317 westbound without holding at MOLLY. ATC clearance required.

Procedure NA via V-560 eastbound without holding at PIERS. ATC clearance required.

Inop table does not apply.



EMERG SAFE ALT 100 NM 13,100



CATEGORY	A	B	C	D	E
S-ILS 22	4147-3/4	200	(200-3/4)		
S-LOC 22	4300-1	353	(400-1)		
CIRCLING*	4380-1 433 (500-1)	4400-1 453 (500-1)	4560-1 3/4 613 (700-1 3/4)	4560-2 613 (700-2)	4560-2 1/4 613 (700-2 1/4)

HIRL Rwy 04-22
REIL Rwy 04, 22

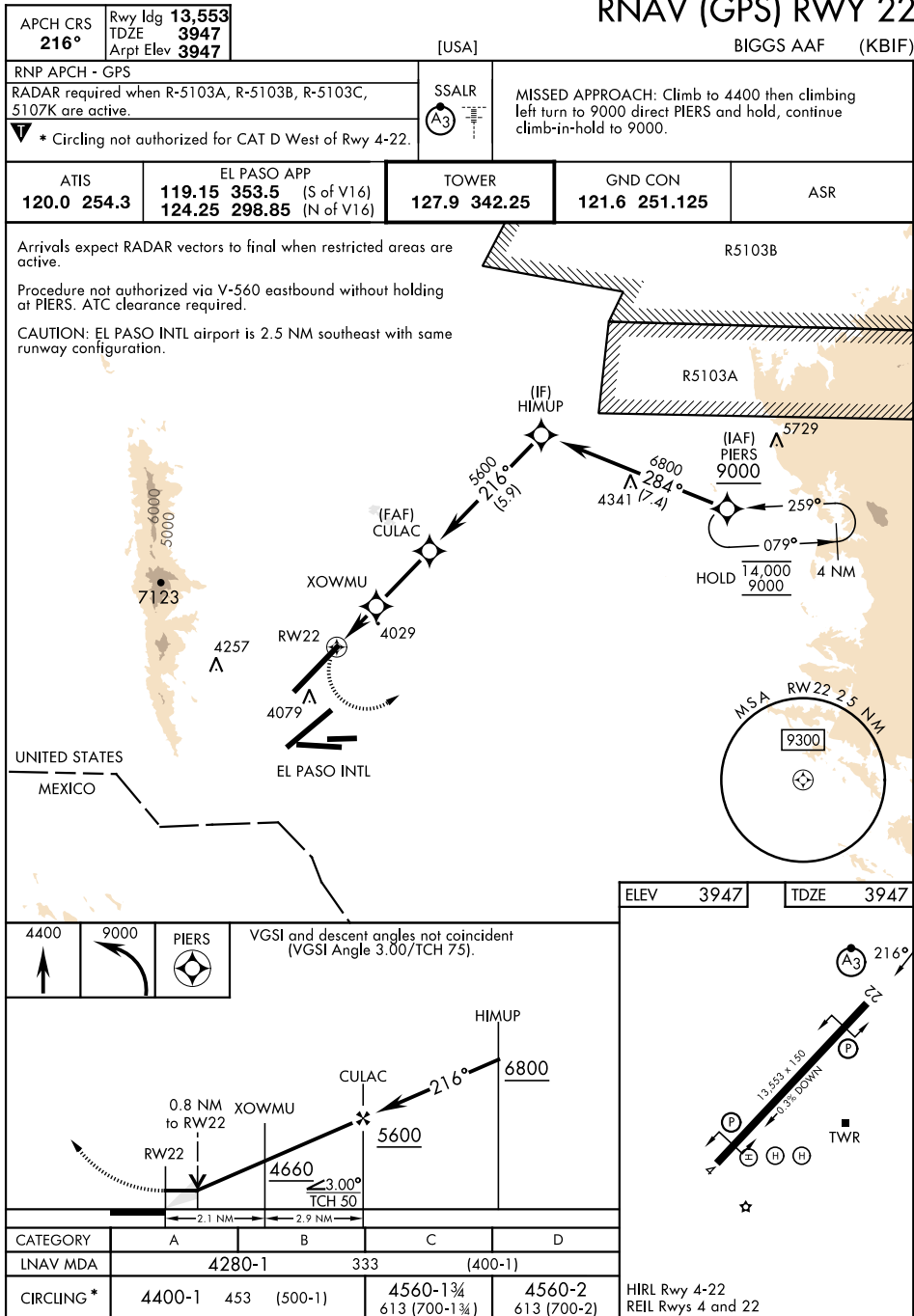
FAF to MAP 5.0 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

ILS or LOC RWY 22

FORT BLISS, TEXAS

25303

RNAV (GPS) RWY 22



SC-3, 03 SEP 2026 to 29 OCT 2026

FORT BLISS, TEXAS

31° 51' N - 106° 23' W

BIGGS AAF (KBIF)

Amdt 2 26DEC24

RNAV (GPS) RWY 22

FORT BLISS, TEXAS

EWM VORTAC 112.4 Chan 71	APCH CRS 210°	Rwy Idg 13,553 TDZE 3947 Arpt Elev 3947
--	-------------------------	--

[USA]

VOR or TACAN RWY 22

BIGGS AAF (KBIF)

V *Circling CAT DE not authorized W of Rwy 4-22.	SSALR A3	MISSED APPROACH: Climbing left turn to 8000 direct EWM VORTAC and hold, continue climb-in-hold to 8000. (TACAN only aircraft continue on EWM R-079 to PIER'S INT/ EWM 9.8 DME and hold, continue climb-in-hold to 9000).
---	--------------------	--

ATIS 120.0 254.3	EL PASO APP 119.15 353.5 (S of V16) 124.25 298.85 (N of V16)	TOWER 127.9 342.25	GND CON 121.6 251.125	ASR
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Use El Paso Intl altimeter setting.

Inop table does not apply.

Arrivals expect RADAR vectors to final when restricted areas are active.

TACAN only equipped a/cft:

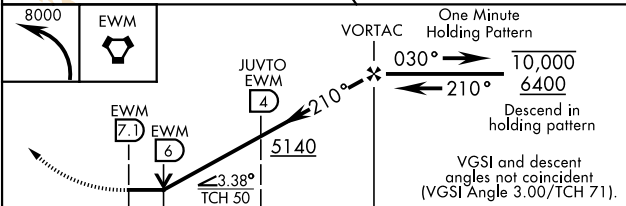
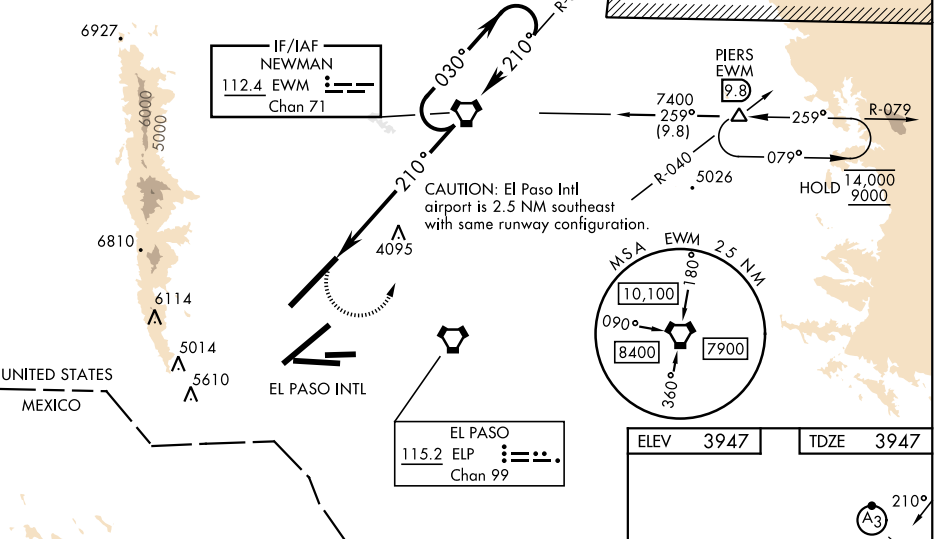
Final apch from holding pattern not authorized.

RADAR vectors required to final approach course.

Procedure not authorized via V-560

eastbound without holding at PIER'S.

ATC clearance required.



CATEGORY	A	B	C	D	E
S-22	5140-1¼	1193 (1200-1¼)	5140-3	1193 (1200-3)	
CIRCLING *	5140-1¼ 1193 (1200-1¼)	5140-1½ 1193 (1200-1½)	5140-3 1193 (1200-3)		
JUWTO FIX MINIMUMS					
S-22	4380-1 433 (500-1)	4380-1¼ 433 (500-1¼)			

ELEV 3947	TDZE 3947
HIRL Rwy 4-22 REIL Rlys 4 and 22	
FAF to MAP 7.1 NM	
Knots	60 90 120 150 180
Min:Sec	7:06 4:44 3:33 2:50 2:22

FORT BLISS, TEXAS

31° 51' N-106° 23' W

BIGGS AAF (KBIF)

Amtd 9 05OCT23

VOR or TACAN RWY 22

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

25303

AIRPORT DIAGRAM

[USA]

BIGGS AAF (KBIF)

FORT BLISS, TEXAS

ATIS
120.0 254.3
TOWER
127.9 342.25
GND CON
121.6 251.125
EL PASO CLNC DEL
125.0 379.1

AUGUST 2025
ANNUAL RATE OF CHANGE
0.1°W

VAR 7.5°E

HAZARDOUS
CARGO
RAMP

FIELD
ELEV
3947

BAK-12/14

CONTROL TOWER

HOT REFUEL
PADSCENTER RAMP/
TRANSIENT RAMPLIGHTED
HELIPAD
CENTERLIGHTED
HELIPAD
EAST

BAK-12/14

ELEV
3910

036.5°

LIGHTED
HELIPAD
WEST

MAIN

ELEV
3920FIRE STATION
BASE OPSHUNTER
RAMP

TANKS

Rwy 4-22
PCN 84 R/C/W/T

HIRL Rwy 04-22
REIL Rwy 04, 22

AIRPORT DIAGRAM

FORT BLISS, TEXAS

BIGGS AAF (KBIF)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 53608 W17A	APP CRS 173°	Rwy Idg 4605 TDZE 1827 Apt Elev 1827
--	------------------------	---

RNAV (GPS) RWY 17

CURTIS FLD (BBD)

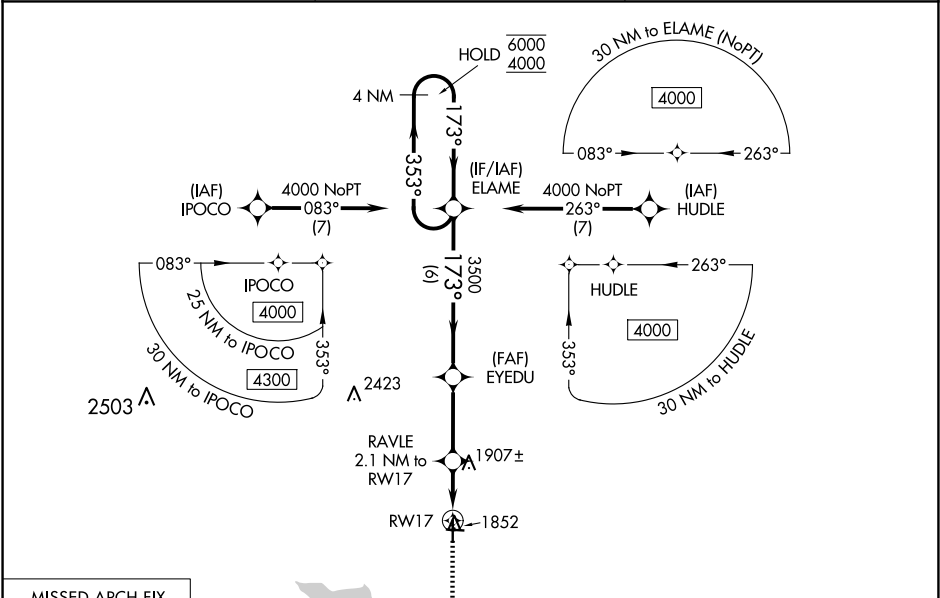
RNP APCH - GPS.

⚠

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.
Baro-VNAV and VDP NA when using JCT altimeter setting. When local altimeter setting not received, use JCT altimeter setting: increase LPV DA to 2144 feet; increase LNAV/VNAV DA to 2194 feet; increase all MDAs 120 feet and LNAV visibility Cat C ¾ SM.

MISSED APPROACH: Climb to 4000 direct JENEV and hold.

AWOS-3 118.375	HOUSTON CENTER 132.35 317.5	UNICOM 122.8 (CTAF) 0
--------------------------	---------------------------------------	---------------------------------



MISSED APCH FIX

JENEV

173°

353°

4 NM

4 NM Holding Pattern

ELAME

6000

4000

353°

173°

GP 3.00°

TCH 40

EYEDU

3500

RAVLE

2.1 NM to RW17

0.9 NM to RW17

RW17

6 NM

3 NM

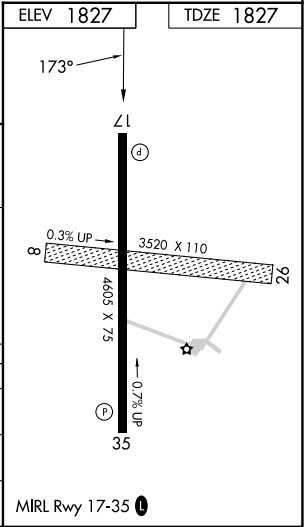
1.2 NM

0.9 NM

4000

JENEV

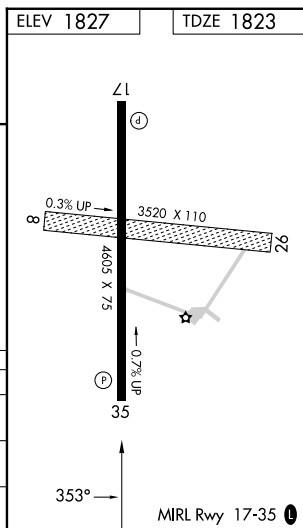
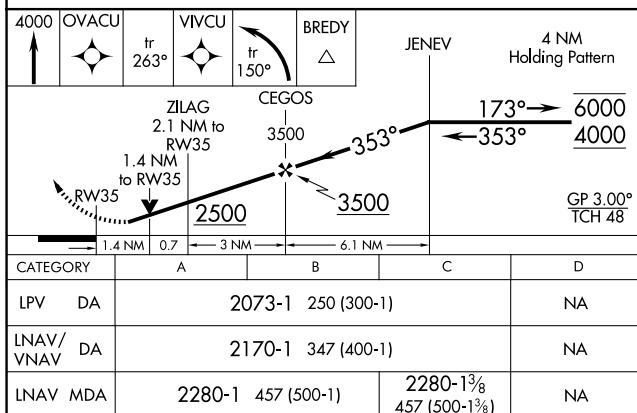
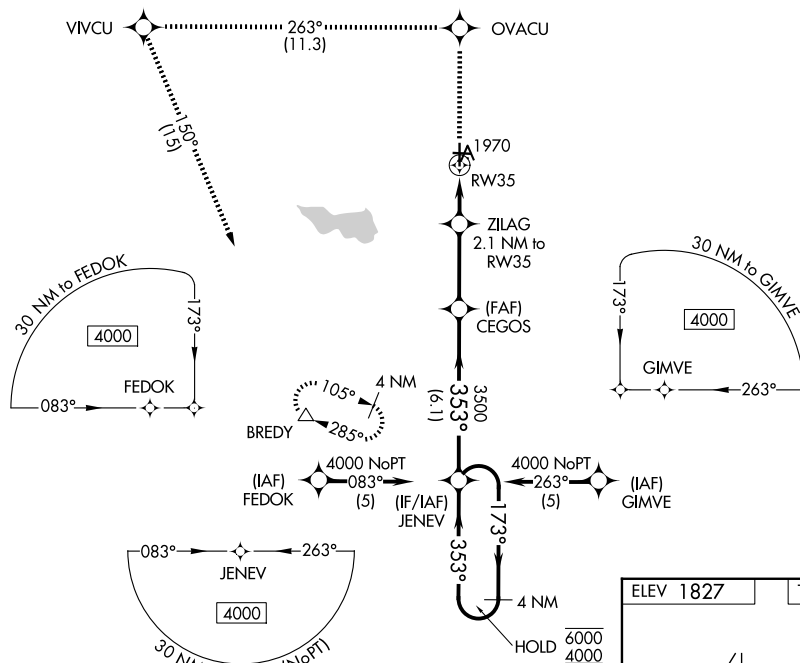
CATEGORY	A	B	C	D
LPV DA	2027-1	200 (200-1)		NA
LNAV/VNAV DA	2077-1	250 (300-1)		NA
LNAV MDA	2160-1	333 (400-1)		NA



RNAV (GPS) RWY 35
CURTIS FLD (BBD)

V For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.
A Baro-VNAV and YDP NA when using JCT altimeter setting. Rwy 35 helicopter visibility reduction below ¼ SM NA. When local altimeter setting not received, use JCT altimeter setting and increase LPV DA to 2190 feet; increase LNAV/VNAV DA to 2287 feet and all visibilities ⅓ SM. Increase all MDAs 120 feet and LNAV visibility Cat C ¼ SM.

UNICOM
122.8 (CTAF) **L**



CURTIS FLD (BBD)
RNAV (GPS) RWY 35

SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-BRO	APP CRS	Rwy Ldg
110.3	132°	7399
Chan 40		TDZE 19
		Apt Elev 22

ILS or LOC RWY 13
BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

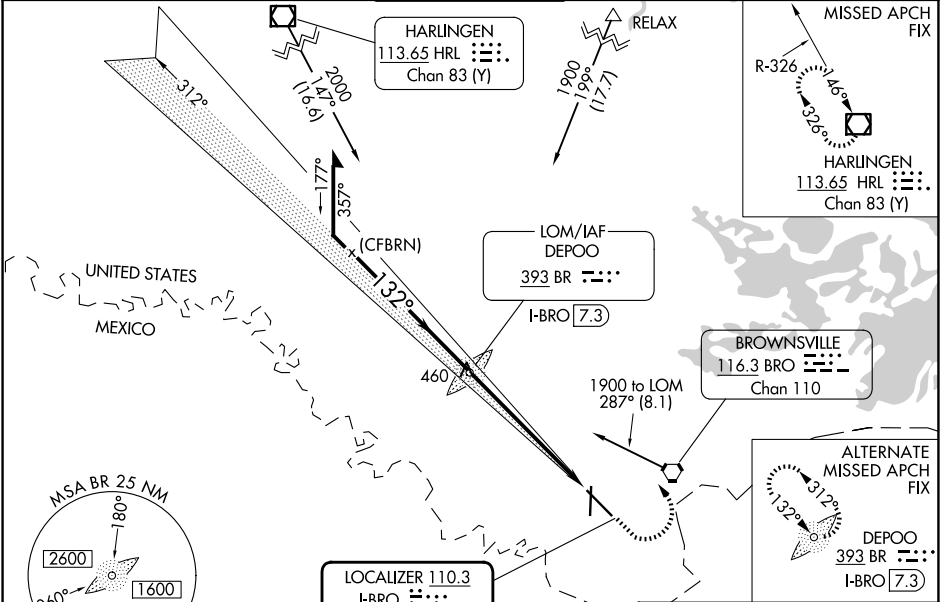
ADF or RADAR required.

⚠ VDP NA when using Port Isabel altimeter setting. For inop ALS increase S-LOC 13 Cats C and D visibility to 1 3/8 miles. When local altimeter setting not received, use Port Isabel altimeter setting and increase DA to 307 feet and all MDA 40 feet. S-LOC 13 Cat C and D visibility to RVR 5500, Circling Cat D visibility to 2 1/4 miles. For inop ALS when using Port Isabel altimeter setting increase S-LOC 13 Cats C/D visibility to 1 3/8 miles.

MALSR

MISSED APPROACH:
Climb to 700 then climbing left turn to 2000 direct HRL VOR/DME and hold.

ATIS	VALLEY APP CON	BROWNSVILLE TOWER *	GND CON	UNICOM
128.55	119.5 257.6	118.9 (CTAF) 239.3	121.9	122.95



Remain within 10 NM

DEPOO LOM I-BRO 7.3

1900 312°
1900 132°
1848

GS 2.75°
TCH 58

4.6 NM 1.4 NM

700 2000 HRL

*I-BRO 2.8 I-BRO 1.4 *LOC only.

CATEGORY	A	B	C	D
S-ILS 13	269/24		250 (300-1/2)	
S-LOC 13	480/24	461 (500-1/2)	480/50	461 (500-1)
CIRCLING	480-1 458 (500-1)	540-1 518 (600-1)	540-1 1/2 518 (600-1 1/2)	680-2 658 (700-2)

ELEV 22 D TDZE 19

132°
81
45
TWR
36
6000 X 150
7399 X 150

MIRL Rwy 18-36
HIRL Rwy 13-31

FAF to MAP 6 NM

Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

BROWNSVILLE, TEXAS

AL-61 (FAA)

25275

WAAS CH 63231 W13A	APP CRS 132°	Rwy Ldg TDZE Apt Elev	7399 19 22
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RNAV (GPS) RWY 13

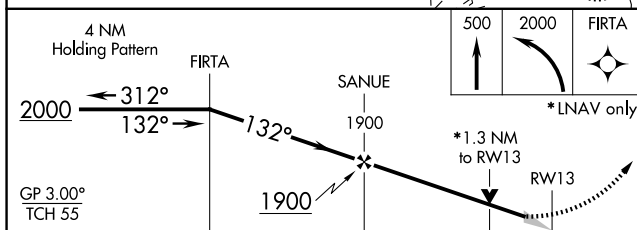
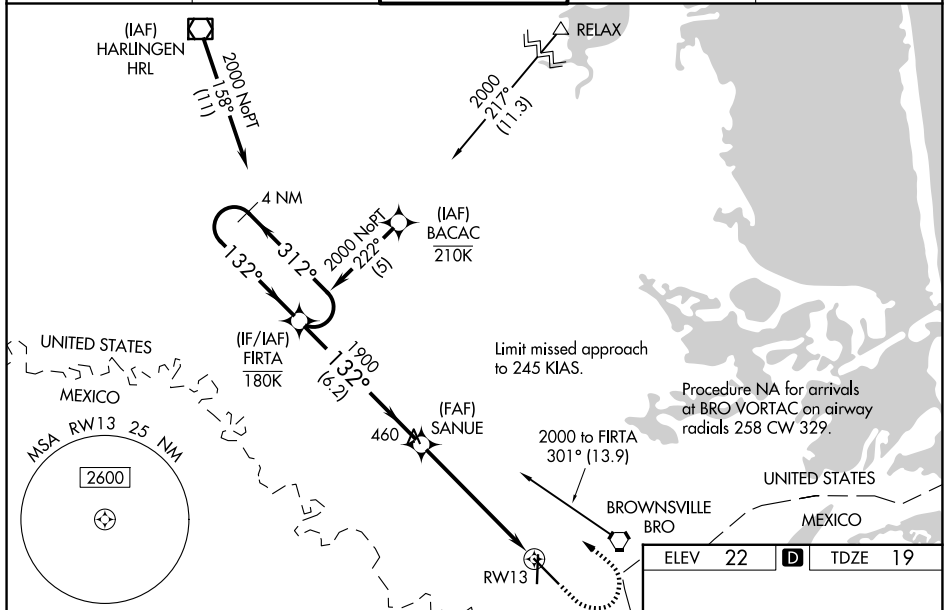
BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

⚠ Circling to Rwy 18 NA at night. For uncompensated Baro-VNAV systems, procedure NA below 3°C (38°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received use Port Isabel altimeter setting and increase LPV DA to 257 feet and LNAV/VNAV DA to 411 feet and all MDA 40 feet; increase LNAV/VNAV visibility all Cats to RVR 4500, LNAV visibility Cat C and D to RVR 5500. VDP and Baro-VNAV NA when using Port Isabel altimeter setting. For inop MALS, increase LNAV Cat C/D visibility to 1½ mile. ** RVR 1800 authorized with use of FD or AP or HUD to DA, NA when using Port Isabel altimeter setting.

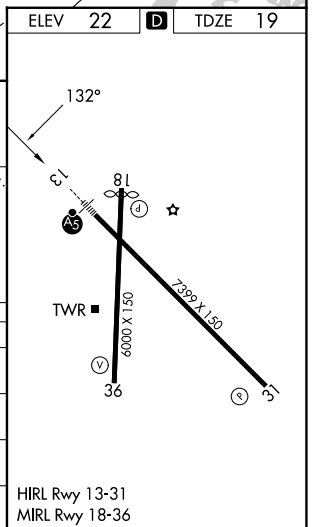


MISSED APPROACH:
Climb to 500 then
climbing left turn to
2000 direct FIRTA
and hold.

ATIS 128.55	VALLEY APP CON 119.5 257.6	BROWNSVILLE TOWER★ 118.9 (CTAF) 239.3	GND CON 121.9	UNICOM 122.95
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CATEGORY	A	B	C	D
LPV DA **		219/24	200 (200-½)	
LNAV/VNAV DA		373/30	354 (400-¾)	
LNAV MDA	480/24	461 (500-½)	480/50	461 (500-1)
CIRCLING	480-1 458 (500-1)	540-1 518 (600-1)	540-1½ 518 (600-1½)	680-2 658 (700-2)



BROWNSVILLE, TEXAS

Orig-B 29MAR18

BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

25°54'N-97°26'W

RNAV (GPS) RWY 13

RNP APCH.

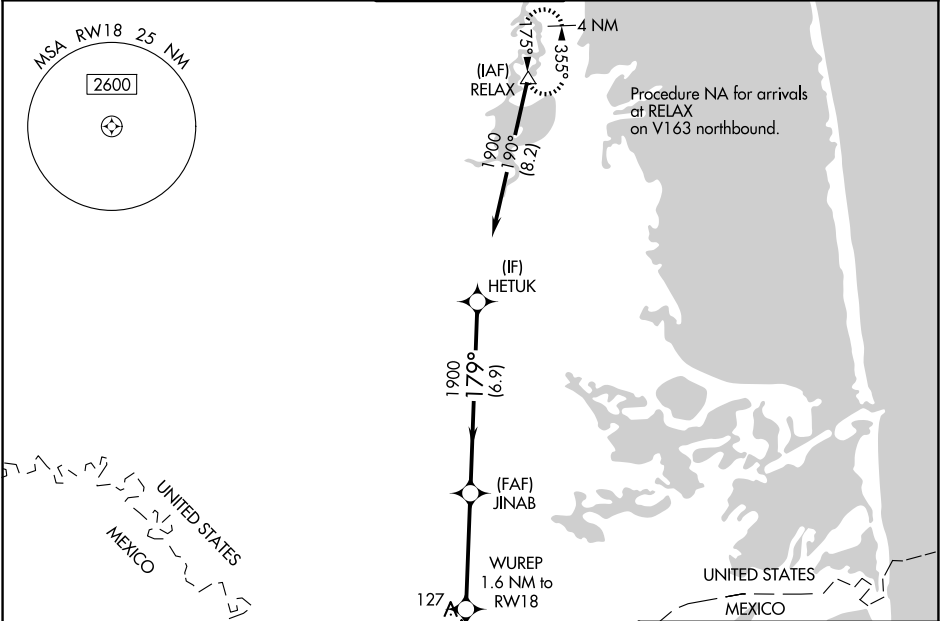
RADAR required.

▼

Rwy 18 helicopter visibility reduction below $\frac{3}{4}$ SM NA. When local altimeter not received, use Port Isabel altimeter setting and increase all MDA 40 feet; increase LNAV Cats C and D visibility $\frac{1}{8}$ mile and Circling Cat D $\frac{1}{4}$ mile.

MISSED APPROACH: Climb to 500 then climbing left turn to 1900 direct RELAX and hold.

ATIS 128.55	VALLEY APP CON 119.5 257.6	BROWNSVILLE TOWER ★ 118.9 (CTAF) 239.3	GND CON 121.9	UNICOM 122.95
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	ELEV 22	TDZE 20
	179°	
	RELAX	
	500	1900
	WUREP 1.6 NM to RW18	
	3.00° TCH 50	560
	6.9 NM	4.2 NM
	1.6 NM	
CATEGORY	A	B
LP MDA	360-1	340 (400-1)
LNAV MDA	380-1	360 (400-1)
CIRCLING	440-1 418 (500-1)	540-1 518 (600-1)
	540-1½ 518 (600-1½)	680-2 658 (700-2)

TWR

6000 X 150

7399 X 150

36

3

MIRL Rwy 18-36

HIRL Rwy 13-31

BROWNSVILLE, TEXAS

AL-61 (FAA)

25275

WAAS CH 65843 W31A	APP CRS 312°	Rwy Ldg TDZE Apt Elev	7399 20 22
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RNAV (GPS) RWY 31

BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

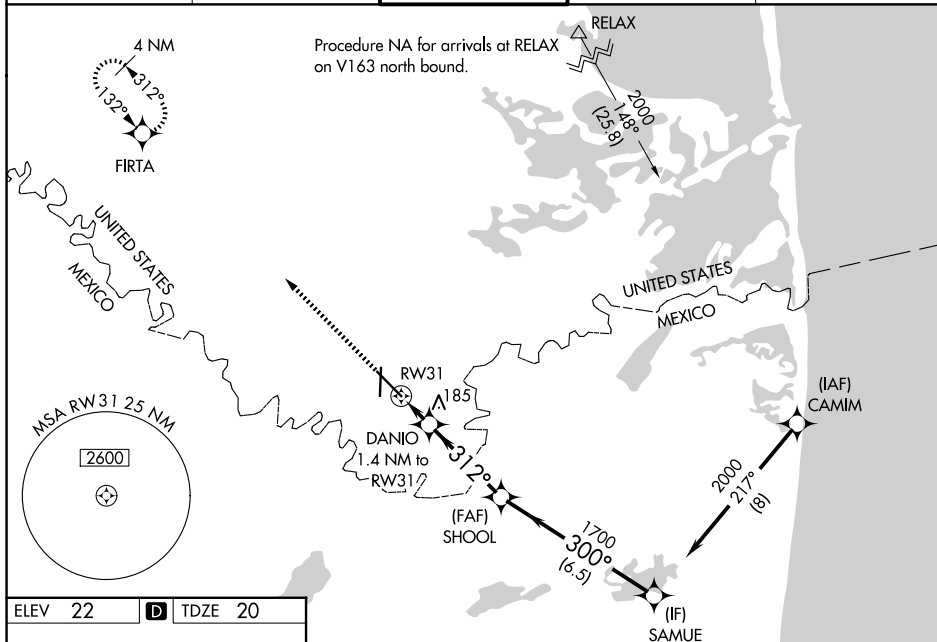
RNP APCH - GPS.



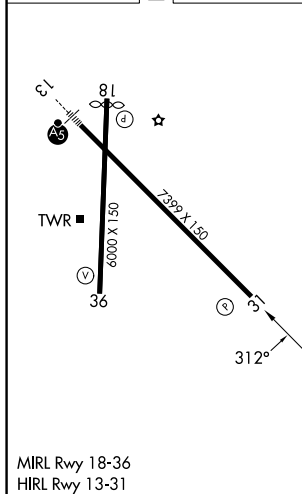
Rwy 31 helicopter visibility reduction below $\frac{3}{4}$ SM NA. Circling Rwy 18 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 1° C or above 54° C.

MISSED APPROACH: Climb to 2000 direct FIRTA and hold.

ATIS 128.55	VALLEY APP CON 119.5 257.6	BROWNSVILLE TOWER* 118.9 (CTAF) 239.3	GND CON 121.9	UNICOM 122.95
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ELEV 22	D	TDZE 20
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2000	FIRTA	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 68).			
		DANIO 1.4 NM to RWY 31	SHOO 1700	SAMUE 2000	
		0.9 NM to RWY 31	312°	300°	GP 3.00° TCH 60
		0.9	0.5	3.7 NM	6.5 NM
CATEGORY	A	B	C	D	
LPV DA	270- $\frac{3}{4}$ 250 (300- $\frac{3}{4}$)				
LNAV/VNAV DA	270- $\frac{3}{4}$ 250 (300- $\frac{3}{4}$)				
LNAV MDA	380-1 360 (400-1)				
CIRCLING	440-1 418 (500-1)	500-1 478 (500-1)	540-1 $\frac{1}{2}$ 518 (600-1 $\frac{1}{2}$)	680-2 658 (700-2)	

BROWNSVILLE, TEXAS
Orig-A 17APR25

BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)
25°54'N-97°26'W

RNAV (GPS) RWY 31

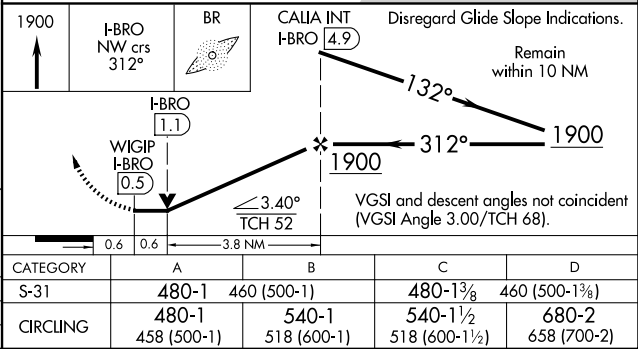
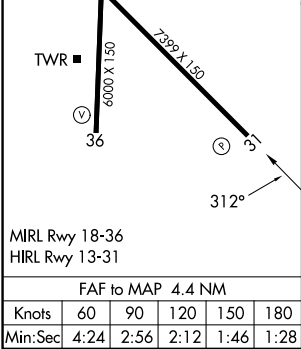
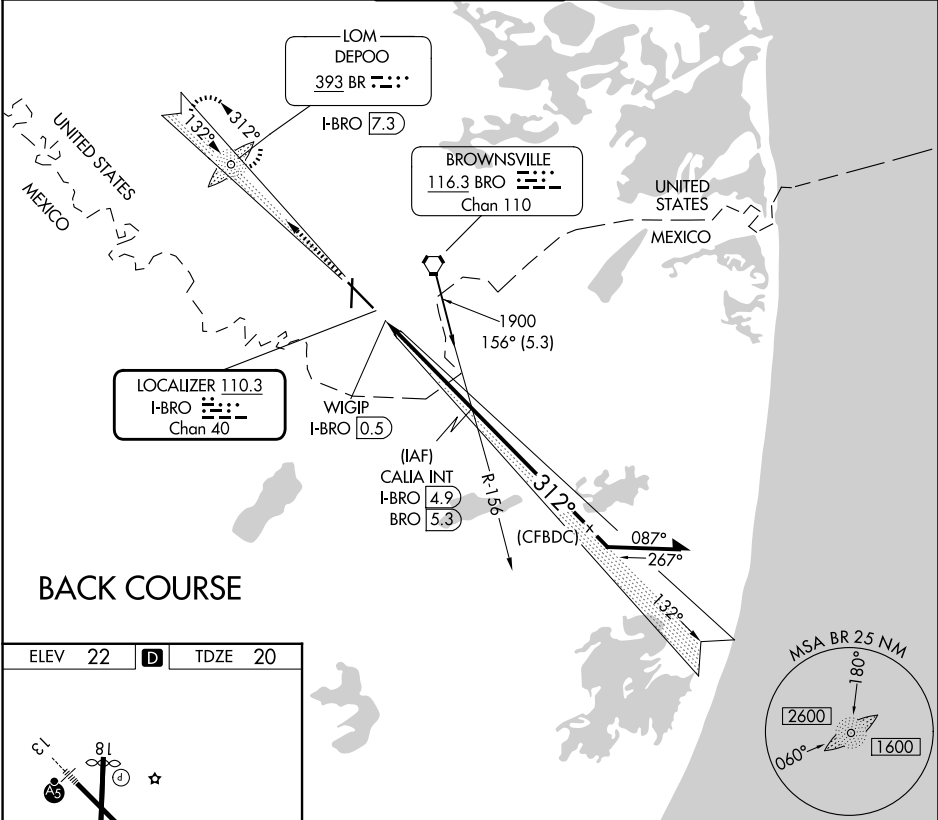
LOC/DME I-BRO 110.3 Chan 40	APP CRS 312°	Rwy Ldg 7399 TDZE 20 Apt Elev 22
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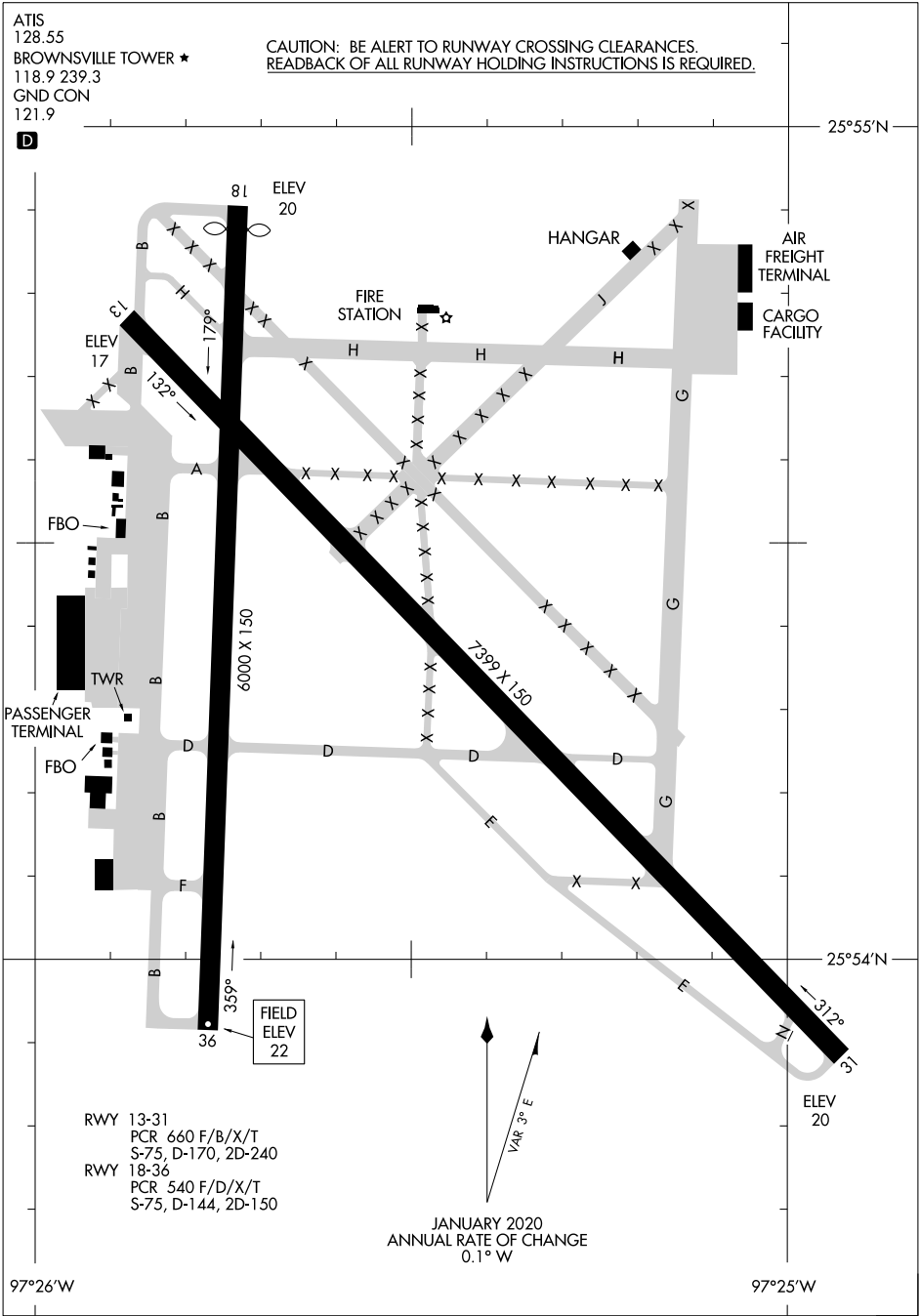
LOC BC RWY 31

BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

⚠ Helicopter visibility reduction below ¼ SM NA. When local altimeter setting not received, use Port Isabel altimeter setting and increase all MDA 40 ft; increase Circling Cat D visibility ¼ mile. Circling to Rwy 18 NA at night. ADF or DME required. VDP NA when using Port Isabel altimeter setting.	⚠ MISSED APPROACH: Climb to 1900 on I-BRO localizer NW course (312°) to DEPOO LOM/ I-BRO 7.3 DME and hold.
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ATIS 128.55	VALLEY APP CON 119.5 257.6	BROWNSVILLE TOWER★ 118.9 (CTAF) 0 239.3	GND CON 121.9	UNICOM 122.95
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SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS
CH **70325**
W17A

APP CRS
175°

Rwy Idg
TDZE **1387**
Apt Elev **1387**

RNAV (GPS) RWY 17
BROWNWOOD RGNL (BWD)

RNP APCH - GPS.

T

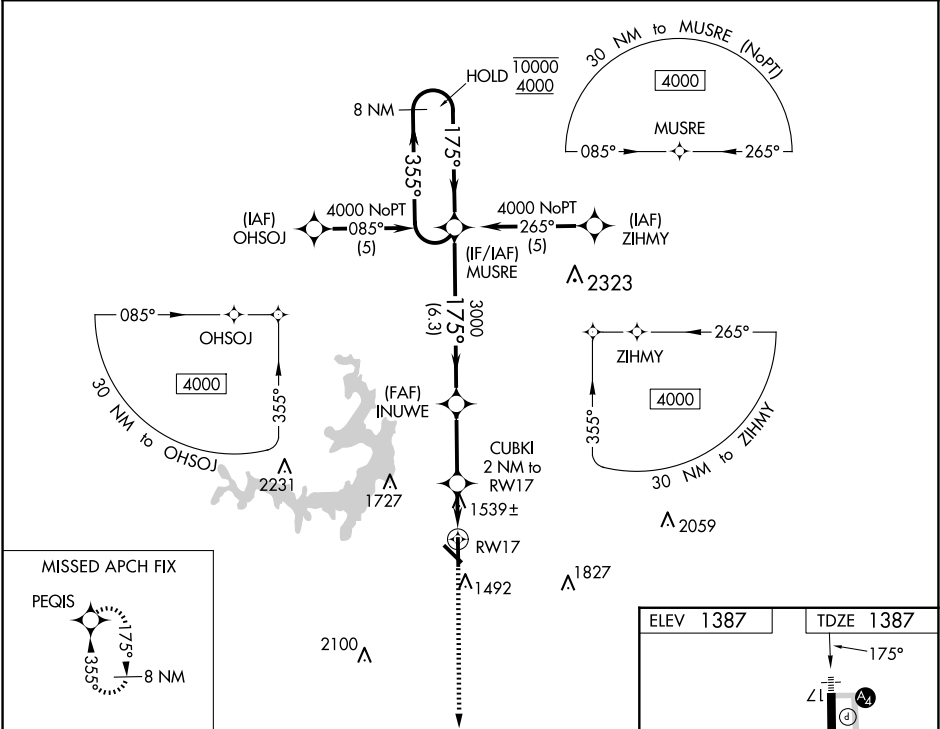
A

Rwy 17 helicopter visibility reduction below ¾ SM NA.
For inop ALS, increase LNAV Cats C and D visibility to 1½ SM.
Inop table does not apply to LPV all Cats.

MALS

MISSED APPROACH: Climb to 4000 direct PEGIS and hold.

AWOS-3 118.325	FORT WORTH CENTER 127.45 290.3	UNICOM 122.8(CTAF)
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8 NM Holding Pattern

MUSRE

INUWE

CUBKI 2 NM to RW17

1.1 NM to RW17

GP 3.00° TCH 52

CATEGORY	A	B	C	D
LPV DA	1637-¾ 250 (300-¾)			
LNAV MDA	1800-¾	413 (500-¾)	1800-1	413 (500-1)
CIRCLING	1820-1 433 (500-1)	1840-1 453 (500-1)	2040-1¾ 653 (700-1¾)	2160-2½ 773 (800-2½)

ELEV 1387

TDZE 1387

175°

4000

PEGIS

1:31

5599 X 100

0.3% UP

35

MIRL Rwy 13-31 and 17-35

BROWNWOOD, TEXAS

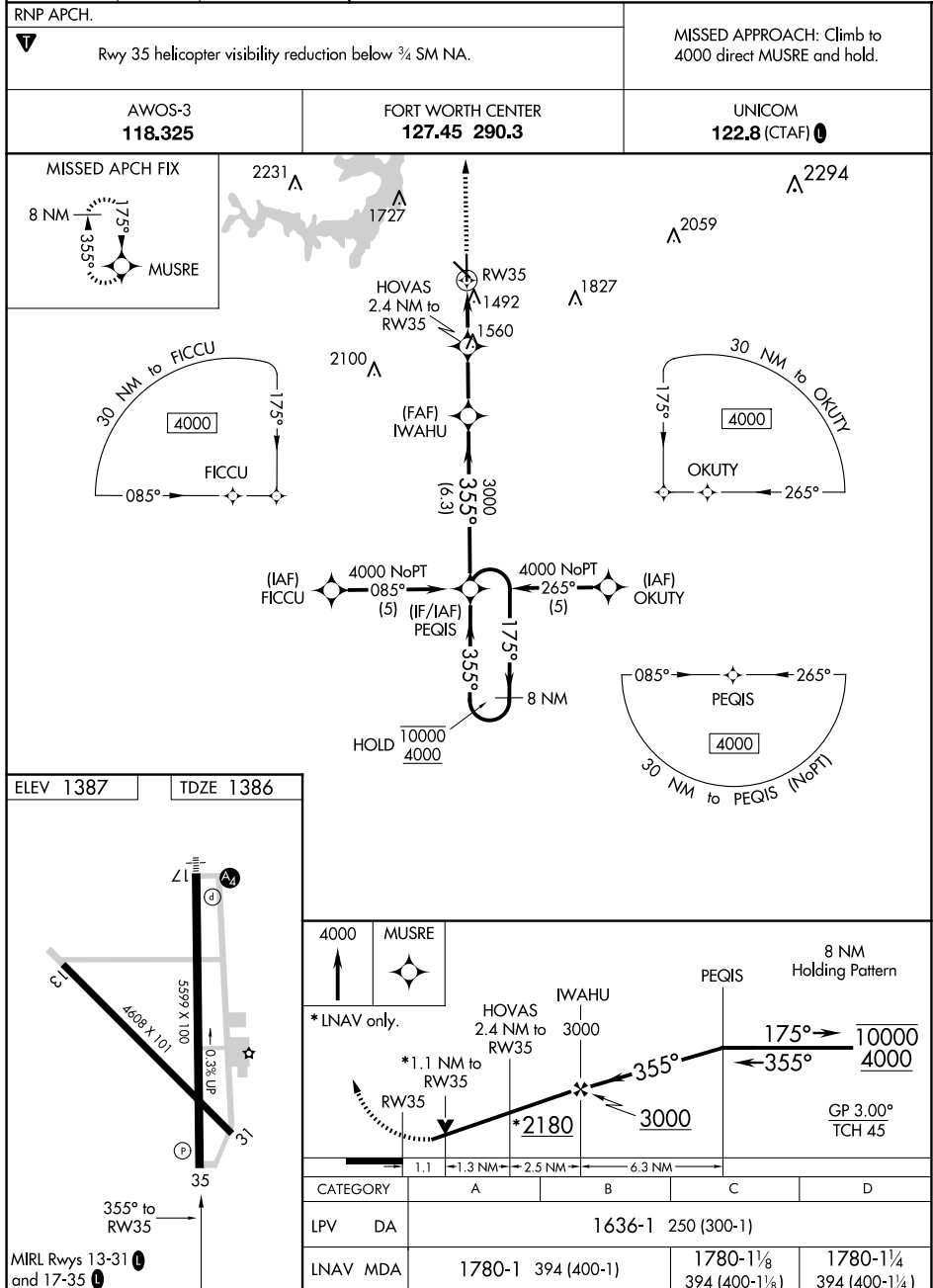
AL-705 (FAA)

20142

WAAS CH 77525 W35A	APP CRS 355°	Rwy Idg TDZE Apt Elev	5599 1386 1387
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RNAV (GPS) RWY 35

BROWNWOOD RGNL (BWD)



SC-3, 03 SEP 2026 to 29 OCT 2026

LOC RWY 17
BROWNWOOD RGNL (BWD)

MISSED APPROACH: Climbing right turn to 4000 on heading 021° and on BWD VOR/DME R-352 to ELISE INT/BWD 10 DME and hold.

UNICOM
122.8 (CTAF) **L**

(IF/IAF)
ELISE
BWD 10
TQA 45

²³²³

3700

BROWNWOOD
113.55 BWD 
Chan 82(Y)

OWNEY OM
BWD 1.8)

PENFY

TDZE 1387

175°—

 $\angle$

A

2231

[illegible]

Δ²⁰⁵⁹

182

LOCALIZER 109.1
I-BW/D $\ddot{\dots}$

4000

BWD B.252	ELISE △
--------------	------------

OWNEY OM
BWD 1.8

DOWNNEY OM
BWD 1.8

0219

5		
---	--	--

400 $\times$ $\frac{2.97^\circ}{TCH}$

$\frac{2.97^\circ}{\text{TCH}}$

BWD
4.2

BWD

<u>2600</u>	<u>2</u>
-------------	----------

500	2
-----	---

A diagram of a beam of length \$L\$ with a downward point load \$P\$ at the center. The shear force distribution is shown as a triangle, starting at \$+P/2\$ at the left end, crossing zero at the center, and reaching \$-P/2\$ at the right end.

		7 NM	2.8 NM	1.8 NM	0.9 NM	1.2
CATEGORY	A	B		C		D

S-LOC 17	1760- ³ / ₄	373 (400- ³ / ₄)
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CIRCLING	1820-1 433 (500-1)	1840-1 453 (500-1)	2040-1 ³ / ₄ 653 (700-1 ³ / ₄)	2160-2 ¹ / ₂ 773 (800-2 ¹ / ₂)
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BROWNWOOD RGNL (BWD)

31°48'N-98°57'W

LOC RWY 17

BROWNWOOD, TEXAS

AL-705 (FAA)

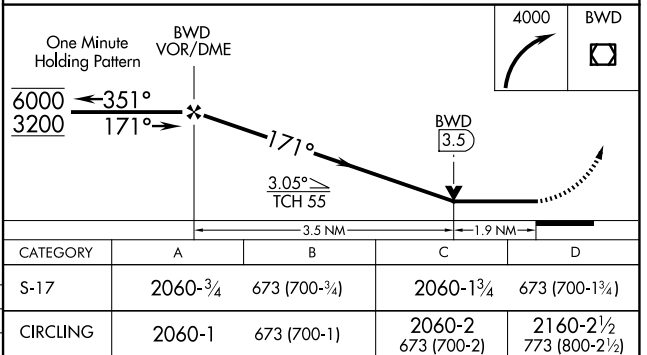
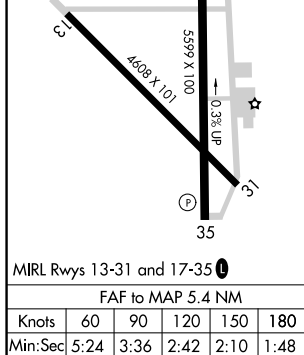
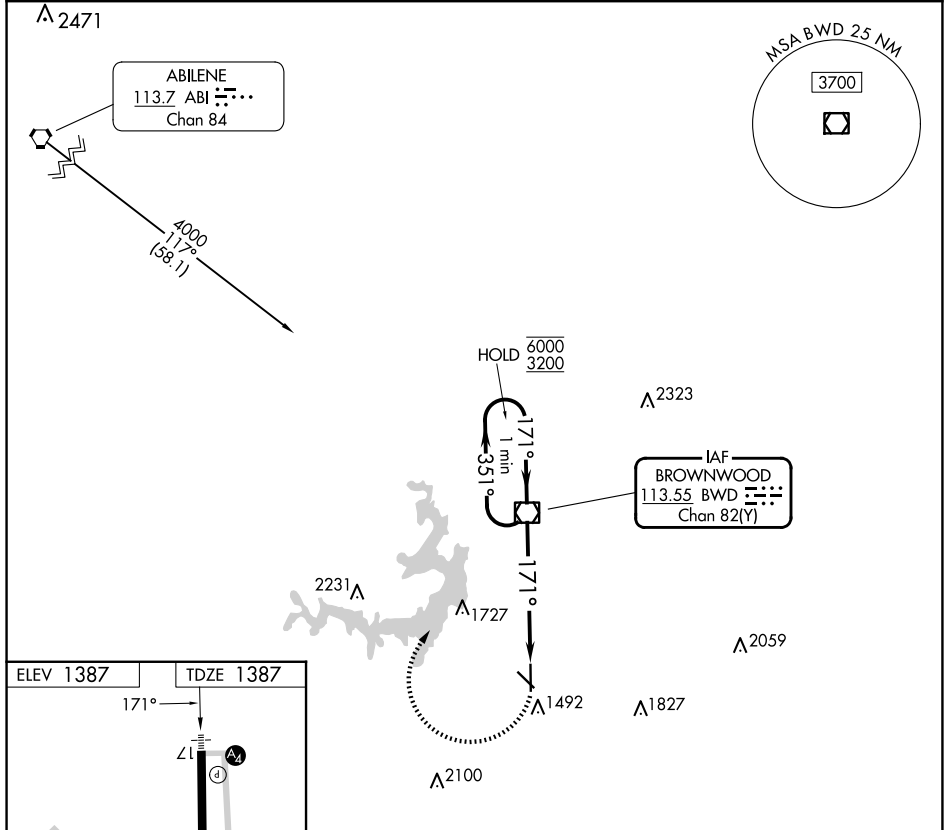
25191

VOR/DME BWD	APP CRS	Rwy Ldg
113.55	171°	TDZE 1387
Chan 82(Y)		Apt Elev 1387

VOR RWY 17

BROWNWOOD RGNL (BWD)

 Rwy 17 helicopter visibility reduction below 3/4 SM NA. For inop ALS, increase S-17 Cat C and D visibility to 1 7/8 SM.	MALS 	MISSED APPROACH: Climbing right turn to 4000 direct BWD VOR/DME and hold, continue climb-in-hold to 4000.
AWOS-3 118.325	FORT WORTH CENTER 127.45 290.3	UNICOM 122.8 (CTAF)



BROWNWOOD, TEXAS

Orig-A 10JUL25

31°48'N-98°57'W

BROWNWOOD RGNL (BWD)

VOR RWY 17

VOR/DME BWD 113.55 Chan 82 (Y)	APP CRS 351°	Rwy Idg 5599 TDZE 1386 Apt Elev 1387
--	------------------------	---

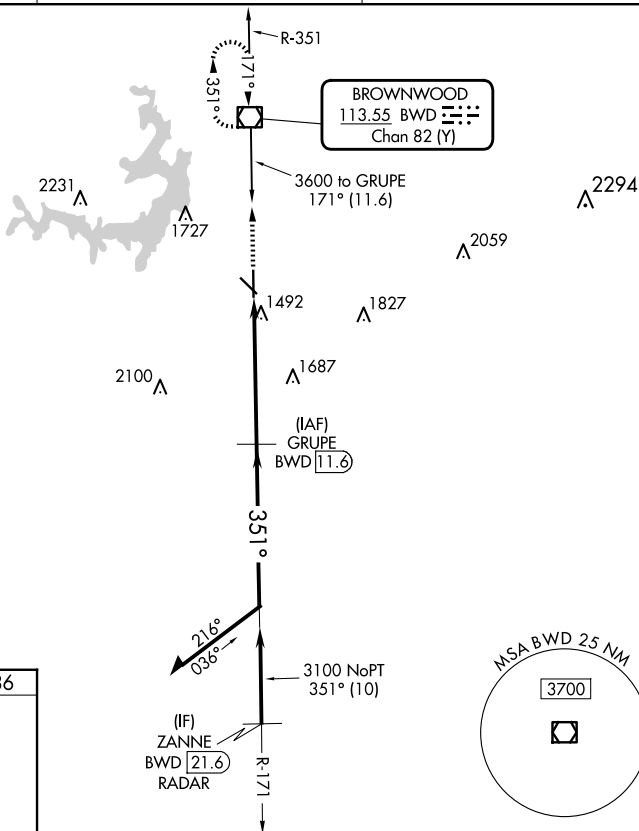
VOR RWY 35
BROWNWOOD RGNL (BWD)

RADAR required for procedure entry. DME required.

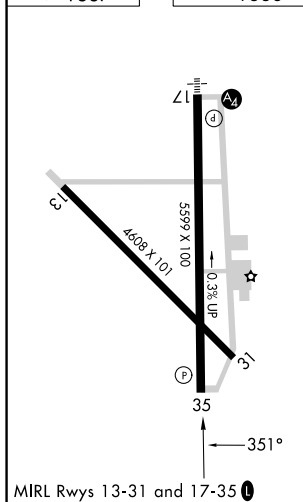
Rwy 35 helicopter visibility reduction below $\frac{3}{4}$ SM NA.

MISSED APPROACH: Climb to 3600 direct BWD VOR/DME and hold, continue climb-in-hold to 3600.

AWOS-3 118.325	FORT WORTH CENTER 127.45 290.3	UNICOM 122.8 (CTAF) 0
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ELEV 1387		TDZE 1386
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[illegible]

BURNET, TEXAS

AL-5772 (FAA)

24305

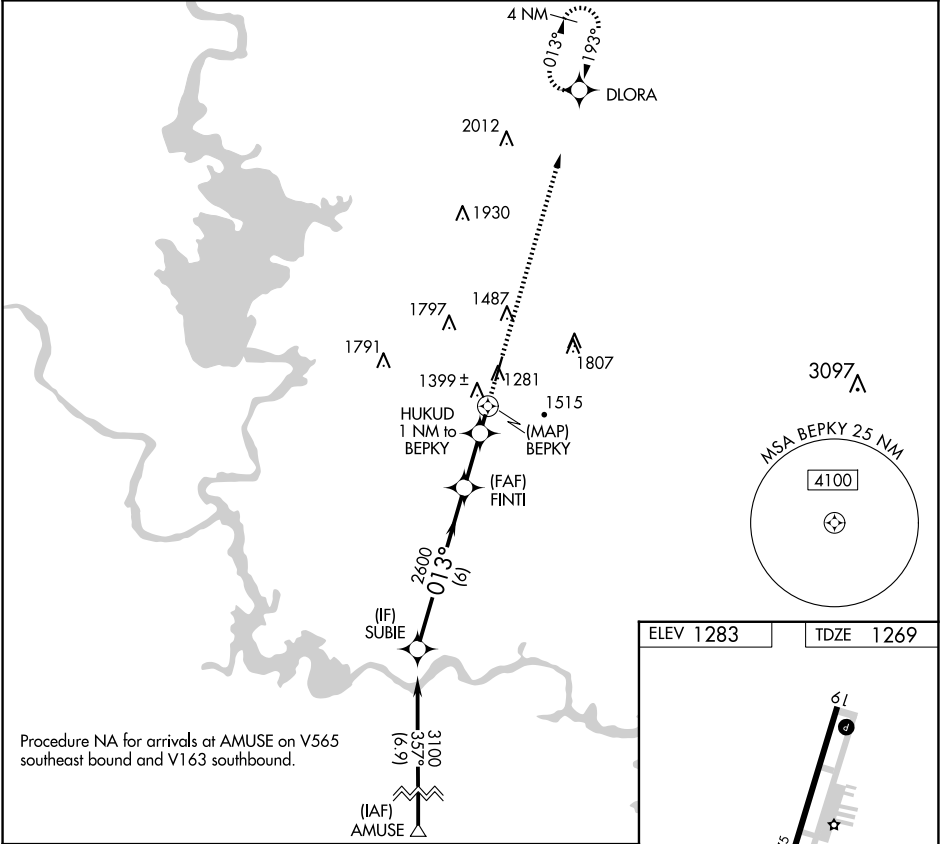
APP CRS	Rwy Idg	5001
013°	TDZE	1269
	Apt Elev	1283

RNAV (GPS) RWY 1

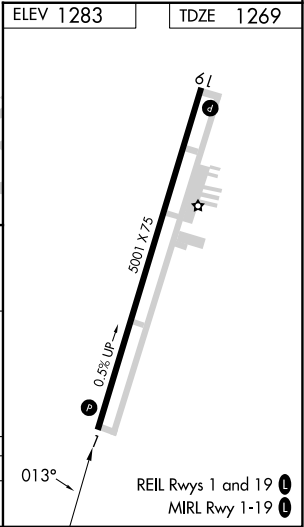
BURNET MUNI/KATE CRADDOCK FLD (BMQ)

RNP APCH - GPS.	MISSED APPROACH: Climb to 3500 direct DLORA and hold.
▼ ▲ Rwy 1 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Lago Vista altimeter setting and increase all MDA 60 feet.	

ASOS 119.925	HOUSTON CENTER 132.35 317.5	UNICOM 122.8 (CTAF) 0
-----------------	--------------------------------	--------------------------



CATEGORY	A	B	C	D
LNAV MDA	1660-1¼ 391 (400-1¼)			NA



BURNET, TEXAS
Orig-F 23FEB23

30°44'N-98°14'W

BURNET MUNI/KATE CRADDOCK FLD (BMQ)

RNAV (GPS) RWY 1

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

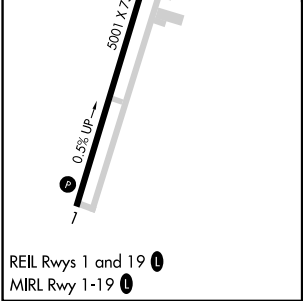
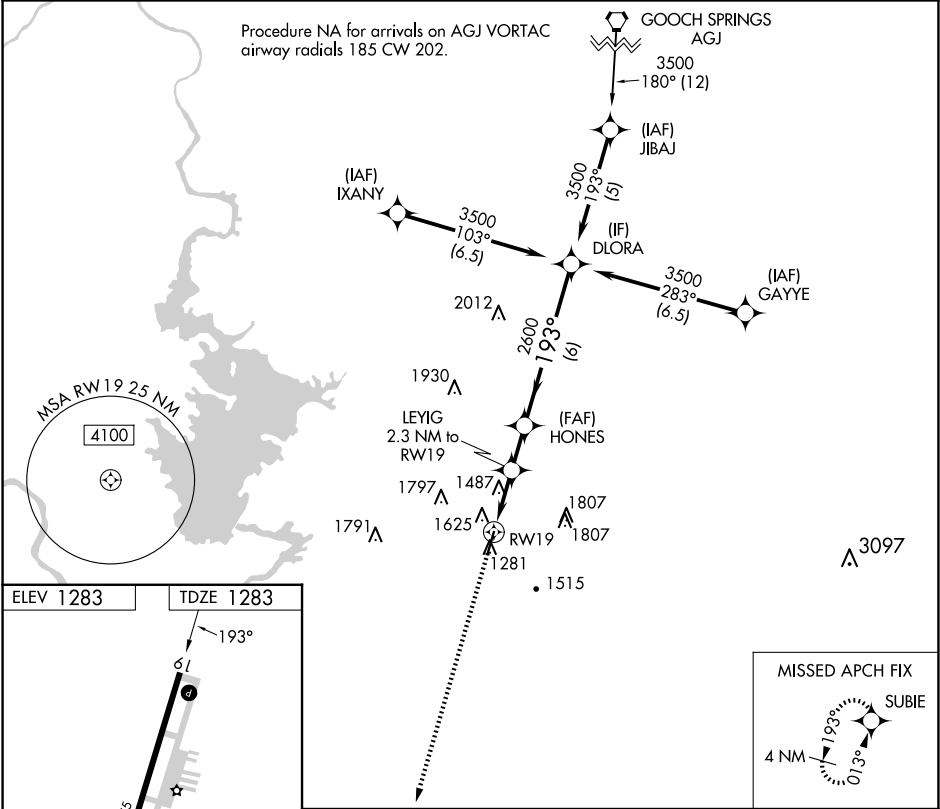
APP CRS 193°	Rwy Idg TDZE 1283	5001
	Apt Elev 1283	

RNAV (GPS) RWY 19

BURNET MUNI/KATE CRADDOCK FLD (BMQ)

RNP APCH - GPS.		MISSED APPROACH: Climb to 3500 direct SUBIE and hold.
	Rwy 19 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use RYW altimeter setting and increase all MDAs 60 feet and LNAV Cat C visibility ¼ SM.	

ASOS 119.925	HOUSTON CENTER 132.35 317.5	UNICOM 122.8 (CTAF) 0
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3500 SUBIE		HONES		DLOA	
RWY 19		LEYG 2.3 NM to RWY 19		3500	
2060		2600		193°	
2.3 NM		1.7 NM		6 NM	
CATEGORY	A	B	C	D	
LNAV MDA	1940-1	657 (700-1)	1940-1 657 (700-1 7/8)	NA	

CARRIZO SPRINGS, TEXAS

AL-6272 (FAA)

26190

WAAS CH 82133 W13A	APP CRS 127°	Rwy Ldg TDZE 598 Apt Elev 598
--	------------------------	---

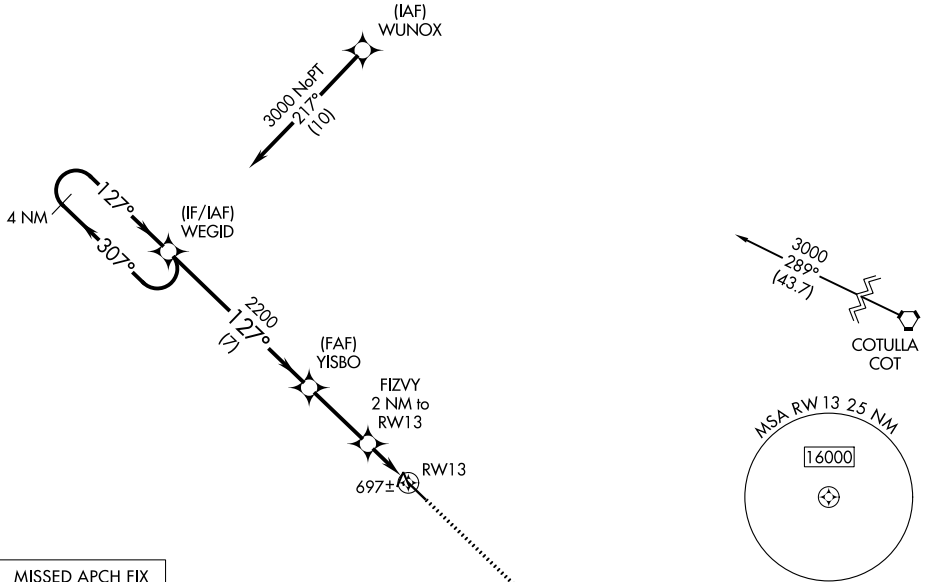
RNAV (GPS) RWY 13

DIMIT COUNTY (CZT)

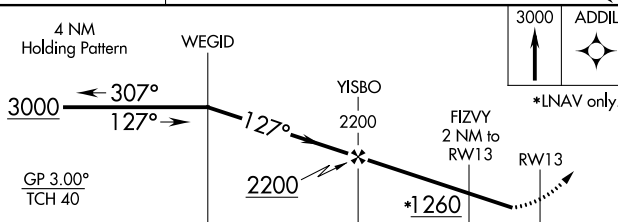
Baro-VNAV NA. DME/DME RNP-0.3 NA. Use Cotulla altimeter setting; when not received use Uvalde altimeter setting and increase all DA 52 feet, all MDA 60 feet and increase LPV all Cats, LNAV/VNAV all Cats, and Circling Cat C visibility $\frac{1}{4}$ mile. Helicopter visibility reduction below $\frac{3}{4}$ SM NA.

MISSED APPROACH:
Climb to 3000 direct
ADDIL and hold.

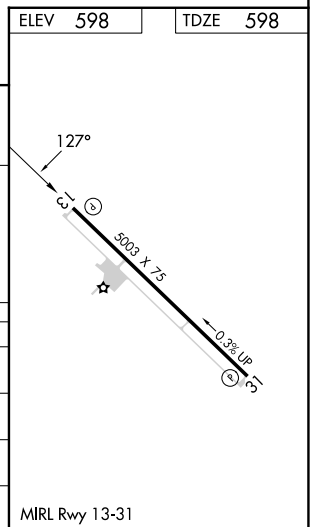
AWOS-3 119.625	COT ASOS 118.325	HOUSTON CENTER 127.8 307.2	UNICOM 122.8 (CTAF)
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MISSED APCH FIX
ADDIL
4 NM
127°
307°



CATEGORY	A	B	C	D
LPV DA	940-1 $\frac{1}{8}$	342 (400-1 $\frac{1}{8}$)		NA
LNAV/VNAV DA	940-1 $\frac{1}{8}$	342 (400-1 $\frac{1}{8}$)		NA
LNAV MDA	1040-1	442 (500-1)	1040-1 $\frac{3}{8}$ 442 (500-1 $\frac{3}{8}$)	NA
CIRCLING	1160-1 562 (600-1)	1240-1 642 (700-1)	1500-2 $\frac{3}{4}$ 902 (1000-2 $\frac{3}{4}$)	NA



CARRIZO SPRINGS, TEXAS

Orig-B 13NOV14

28°31'N-99°49'W

DIMIT COUNTY (CZT)

RNAV (GPS) RWY 13

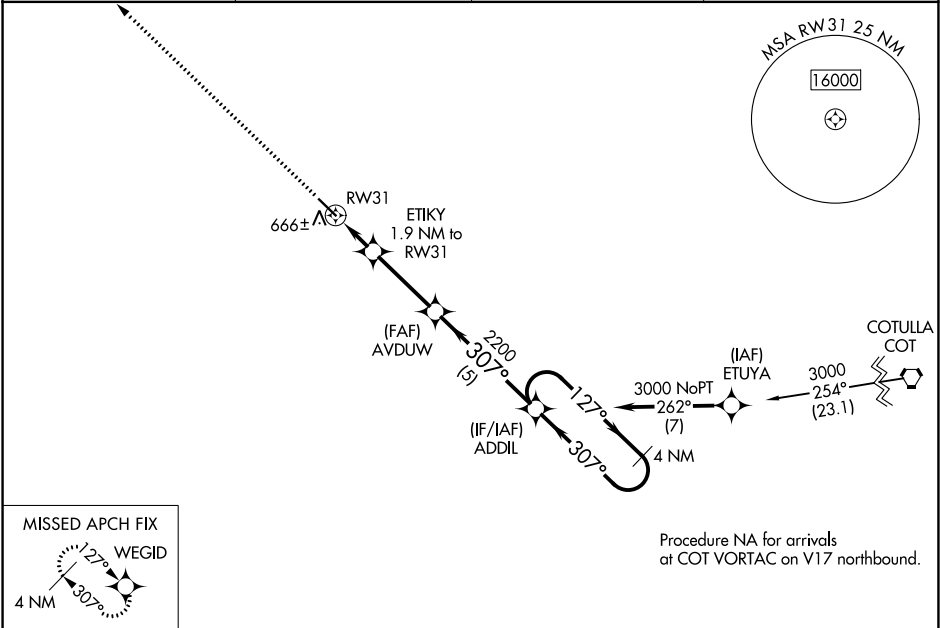
SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 50433 W31A	APP CRS 307°	Rwy Ldg TDZE 589 Apt Elev 598
--	------------------------	---

RNAV (GPS) RWY 31
DIMMIT COUNTY (CZT)

▼ Baro-VNAV NA. DME/DME RNP-0.3 NA. Use Cotulla altimeter setting; when not received use Uvalde altimeter setting and increase all DA 52 feet, all MDA 60 feet and increase LPV all Cnts, LNAV/VNAV all Cnts, and Circling Cat C visibility ¼ mile. Helicopter visibility reduction below ¾ SM NA. ▲ NA	MISSED APPROACH: Climb to 3000 direct WEGID and hold.
---	---

AWOS-3 119.625	COT ASOS 118.325	HOUSTON CENTER 127.8 307.2	UNICOM 122.8 (CTAF)
--------------------------	----------------------------	--------------------------------------	-------------------------------



ELEV 598	TDZE 589
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MIRL Rwy 13-31				
3000 WEGID				
*LNAV only.				
CATEGORY	A	B	C	D
LPV DA	931-1½	342 (400-1½)		NA
LNAV/VNAV DA	931-1½	342 (400-1½)		NA
LNAV MDA	1040-1	451 (500-1)	1040-1¾ 451 (500-1¾)	NA
CIRCLING	1160-1 562 (600-1)	1240-1 642 (700-1)	1500-2¾ 902 (1000-2¾)	NA

CASTROVILLE, TEXAS

AL-6552 (FAA)

26190

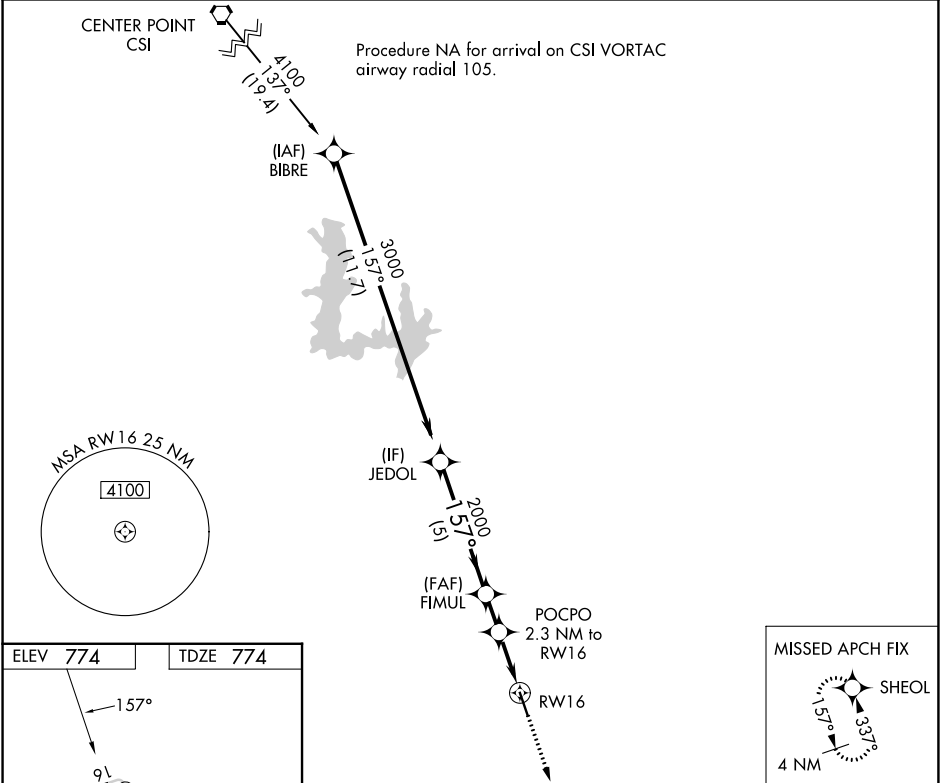
WAAS CH 86838 W16A	APP CRS 157°	Rwy Ldg TDZE Apt Elev 774	5001 774 774
--	------------------------	--	---

RNAV (GPS) RWY 16

CASTROVILLE MUNI (CVB)

RNP APCH - GPS.	MISSED APPROACH: Climb to 3000 direct SHEOL and hold.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 16 helicopter visibility reduction below 3/4 SM NA.	

AWOS-3PT 119.25	SAN ANTONIO APP CON 118.05 353.5	UNICOM 122.8 (CTAF) 0
---------------------------	--	---------------------------------



CATEGORY	A	B	C	D
LPV DA	1200-1¼ 426 (500-1¼)			NA
LNAV/VNAV DA	1184-1⅛ 410 (500-1⅛)			NA
LNAV MDA	1280-1 506 (600-1)	1280-1⅜ 506 (600-1⅜)	1280-1⅜ 506 (600-1⅜)	NA
CIRCLING	1280-1 506 (600-1)	1380-1 606 (700-1)	1580-2¼ 806 (900-2¼)	NA

CASTROVILLE, TEXAS
Amdt 2 09JUL26

29°21'N-98°51'W

CASTROVILLE MUNI (CVB)

RNAV (GPS) RWY 16

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS
CH **50139**
W34A

APP CRS
337°

Rwy Ldg
TDZE **769**
Apt Elev **774**

RNAV (GPS) RWY 34

CASTROVILLE MUNI (CVB)

RNP APCH - GPS.

▼

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. Rwy 34 helicopter visibility reduction below ¾ SM NA. Circling Rwy 16 NA at night. When local altimeter setting not received, use SKf altimeter setting: increase LPV DA to 1064 feet; increase LNAV/VNAV DA to 1172 feet; increase all MDAs 60 feet and LNAV visibility Cat C ½ SM and Circling visibility Cat C ¼ SM.

MISSED APPROACH: Climb to 1300 then climbing left turn to 3000 direct SHEOL and hold.

AWOS-3PT
119.25

SAN ANTONIO APP CON
118.05 353.5

UNICOM
122.8 (CTAF) 0

ELEV 774	TDZE 769				
1300 3000 SHEOL IBDOW TAAHD 1.6 NM to RW34 RW34 1300 2500 2500 337° 157° 3000 GP 3.00° TCH 40					
		4 NM Holding Pattern			
		GP 3.00° TCH 40			
		1.6 NM 3.7 NM 6 NM			
CATEGORY	A	B	C	D	
LPV DA	1019-7/8	250 (300-7/8)		NA	
LNAV/VNAV DA	1127-1¼	358 (400-1¼)		NA	
LNAV MDA	1200-1	431 (500-1)	1200-1¼ 431 (500-1¼)	NA	
CIRCLING	1200-1 426 (500-1)	1380-1 606 (700-1)	1580-2¼ 806 (900-2¼)	NA	

CASTROVILLE, TEXAS

Amtd 1A 03SEP26

29°21'N-98°51'W

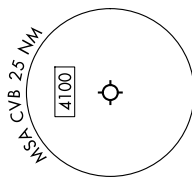
87

CASTROVILLE MUNI (CVB)

RNAV (GPS) RWY 34

ALISS SEVEN DEPARTURE (RNAV)

**TOP ALTITUDE:
ASSIGNED BY ATC**



SAN ANTONIO DEP CON
118.05 353.5

RNAV 1 - DME/DME/IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

TAKEOFF MINIMUMS
Rwys 16, 34: Standard.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° or as assigned by ATC, for vectors to TREVA, thence. . .

TAKEOFF RUNWAY 34: Climb on heading 337° or as assigned by ATC, for vectors to TREVA, thence. . .

... on track 305° to TATAR, then on track 305° to ALISS. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

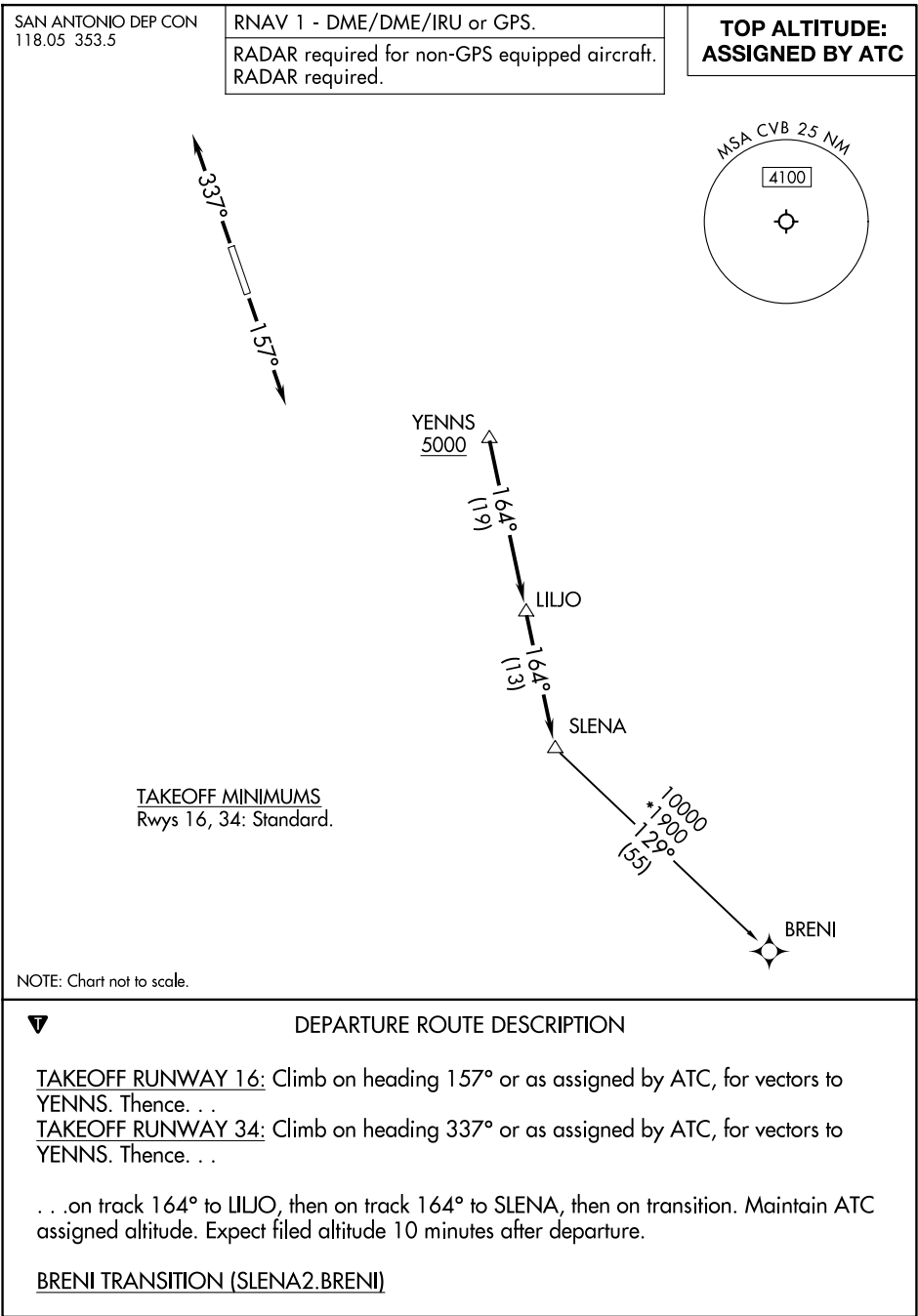
NOTE: Chart not to scale.

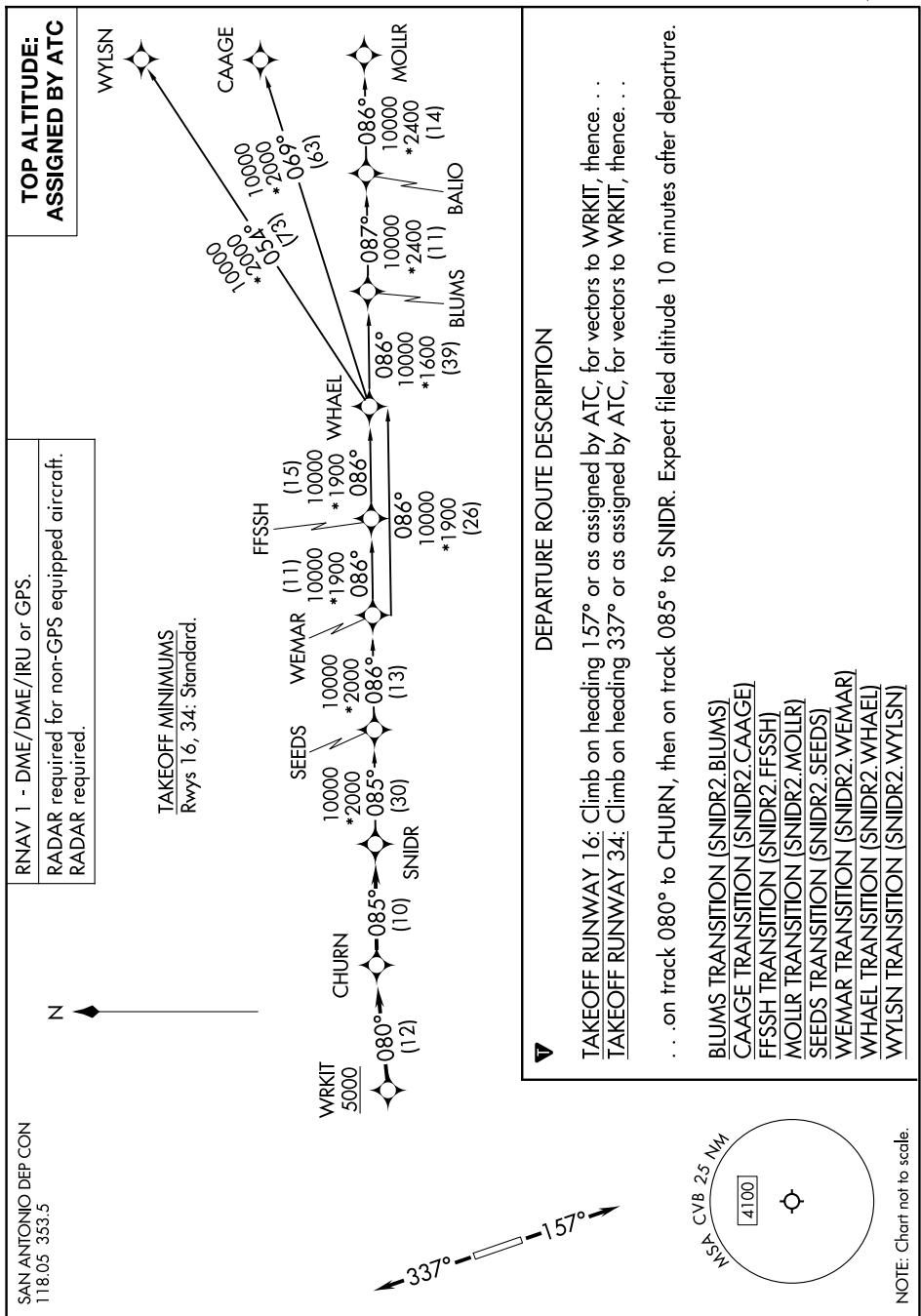
SC-3, 03 SEP 2026 to 29 OCT 2026

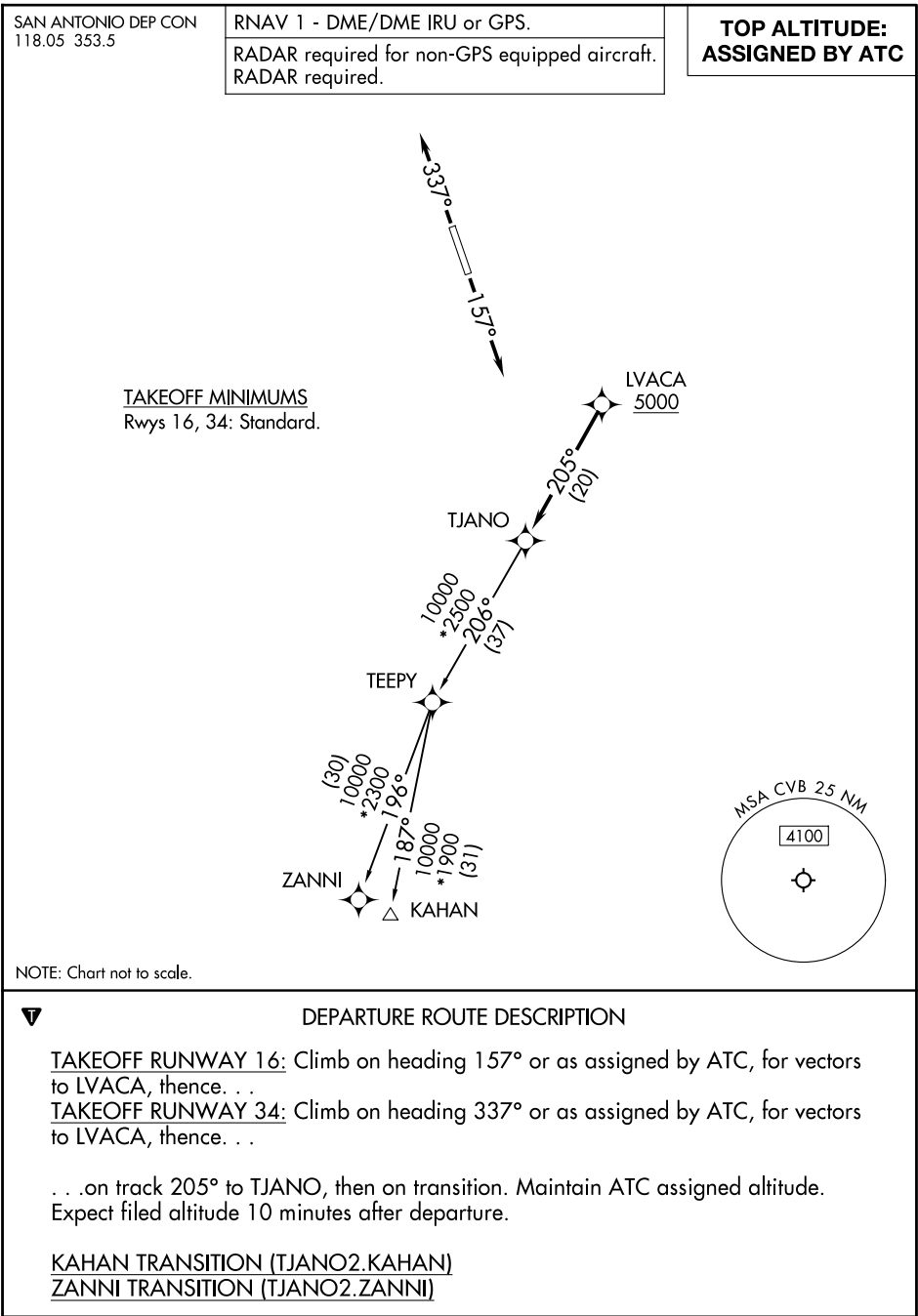
ALISS SEVEN DEPARTURE (RNAV)

(ALISS7.ALISS) 07AUG25

CASTROVILLE, TEXAS
CASTROVILLE MUNI (CVB)







(YODUH2.YODUH) 25219

AL-6552 (FAA)

CASTROVILLE MUNI (CVB)
CASTROVILLE, TEXAS

YODUH TWO DEPARTURE (RNAV)

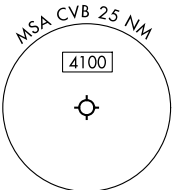
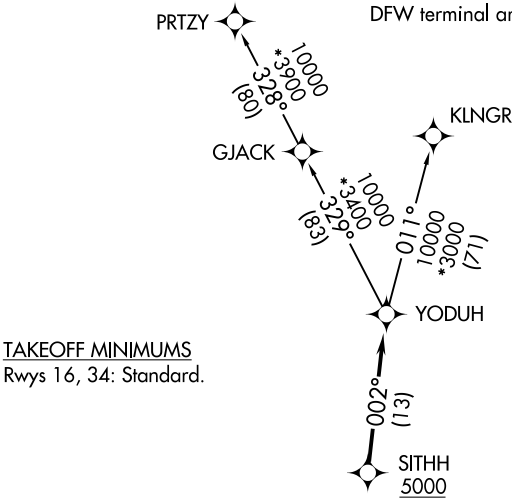
SAN ANTONIO DEP CON
118.05 353.5

RNAV 1 - DME/DME IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

**TOP ALTITUDE:
ASSIGNED BY ATC**

NOTE: Aircraft destined for airports north/northeast of
DFW terminal area must file the KLNGR Transition.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° or as assigned by ATC, for vectors to SITHH, thence. . .
TAKEOFF RUNWAY 34: Climb on heading 337° or as assigned by ATC, for vectors to SITHH, thence. . .

. . .on track 002° to YODUH, then on transition. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

KLNGR TRANSITION (YODUH2.KLNGR)
PRTZY TRANSITION (YODUH2.PRTZY)

YODUH TWO DEPARTURE (RNAV)
(YODUH2.YODUH) 07AUG25

CASTROVILLE, TEXAS
CASTROVILLE MUNI (CVB)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 86529 W15A	APP CRS 148°	Rwy Ldg 4506 TDZE 1697 Apt Elev 1697
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RNAV (GPS) RWY 15
COLEMAN MUNI (COM)

RNP APCH - GPS.

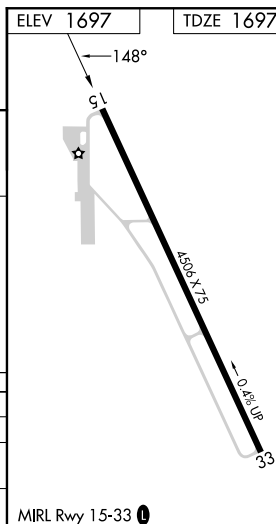
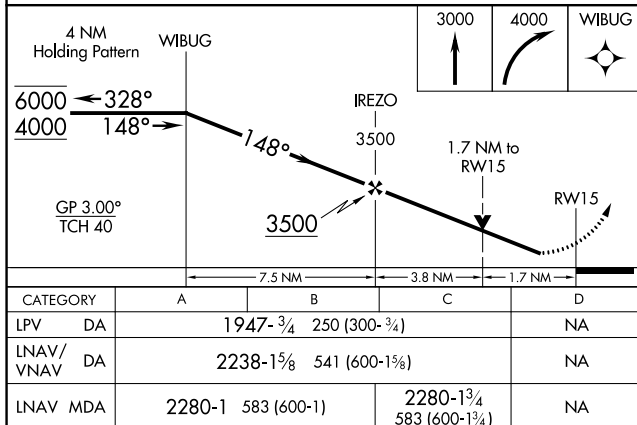
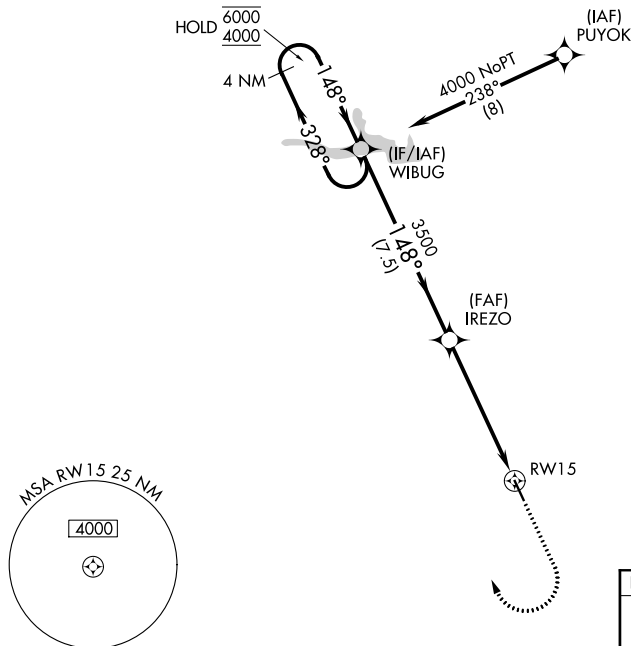
T Rwy 15 helicopter visibility reduction below $\frac{3}{4}$ SM NA.
A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.

MISSED APPROACH: Climb to 3000 then climbing right turn to 4000 direct WIBUG and hold.

AWOS-3PT
119.1

FORT WORTH CENTER
127.45 290.3

UNICOM
122.8 (CTAF) **L**



COLEMAN, TEXAS

AL-881 (FAA)

26190

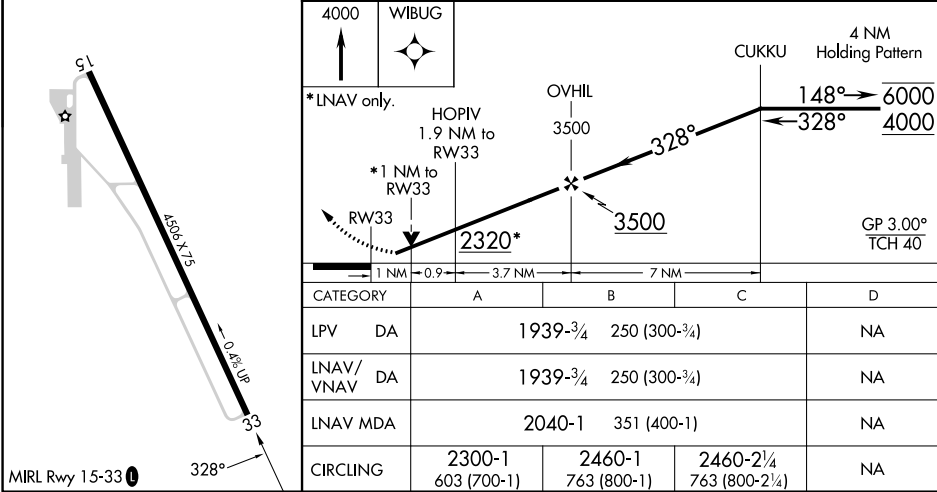
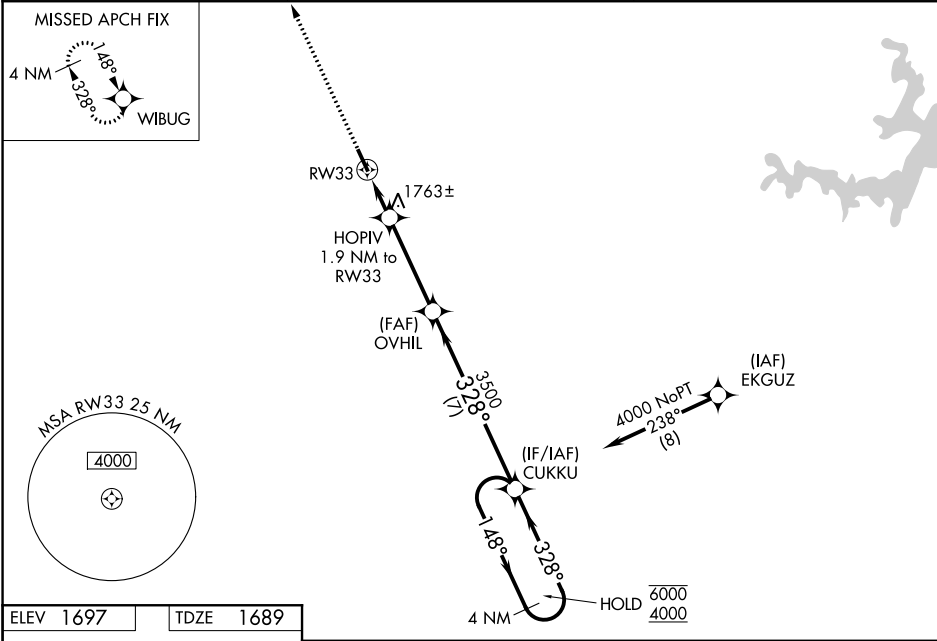
WAAS CH 82034 W33A	APP CRS 328°	Rwy Ldg TDZE 1689 Apt Elev 1697
--	------------------------	---

RNAV (GPS) RWY 33

COLEMAN MUNI (COM)

RNP APCH. ▼ Rwy 33 helicopter visibility reduction below ¾ SM NA. ▲ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.	MISSED APPROACH: Climb to 4000 direct WIBUG and hold.
--	---

AWOS-3PT 119.1	FORT WORTH CENTER 127.45 290.3	UNICOM 122.8 (CTAF) 0
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COLEMAN, TEXAS
Amdt 1 10OCT19

31°50'N-99°24'W

COLEMAN MUNI (COM)

RNAV (GPS) RWY 33

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 97436 W17A	APP CRS 173°	Rwy Ldg TDZE 1387 Apt Elev 1387
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RNAV (GPS) RWY 17

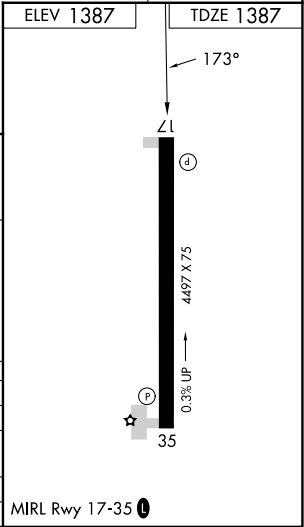
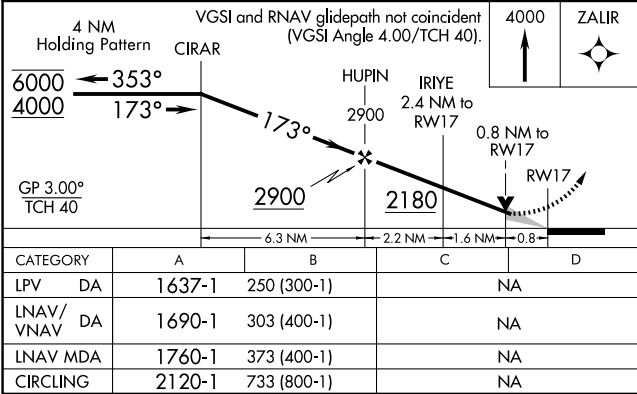
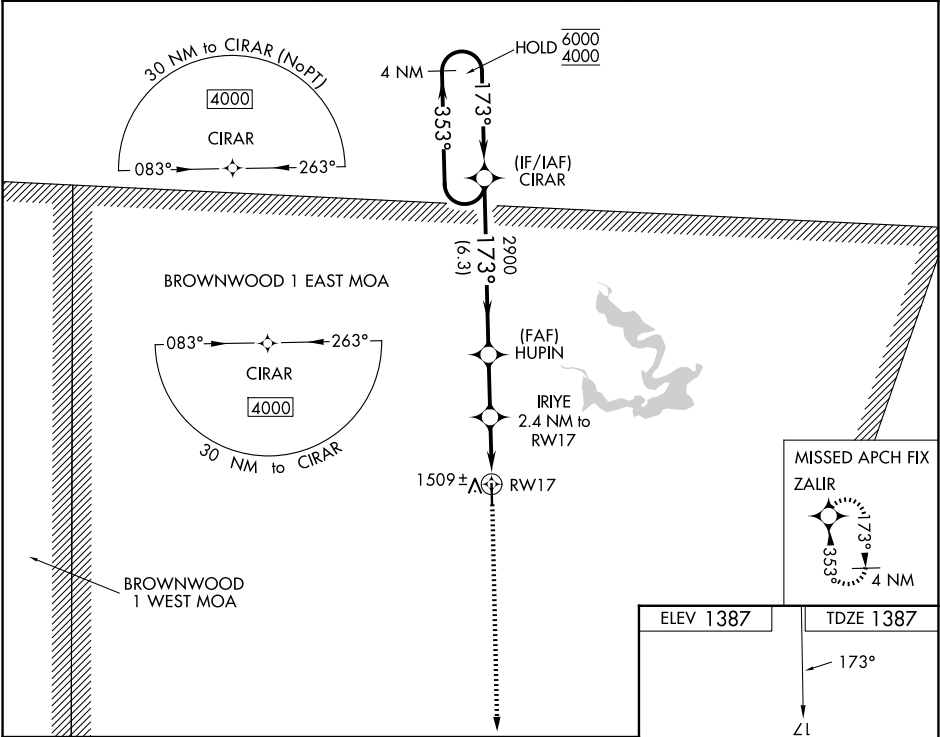
COMANCHE COUNTY-CITY (MKN)

RNP APCH - GPS.

Circling to Rwy 35 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. Baro-VNAV and VDP NA when using BWD altimeter setting. When local altimeter setting not received, use BWD altimeter setting and increase all DA 46 feet and all MDAs 60 feet.

MISSED APPROACH: Climb to 4000 direct ZALIR and hold, continue climb-in-hold to 4000.

AWOS-3 118.575	FORT WORTH CENTER 135.375 354.05	UNICOM 123.075 (CTAF) 0
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SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

COMANCHE, TEXAS

AL-10216 (FAA)

26022

WAAS CH 61136 W35A	APP CRS 353°	Rwy Ldg TDZE 1384 Apt Elev 1387
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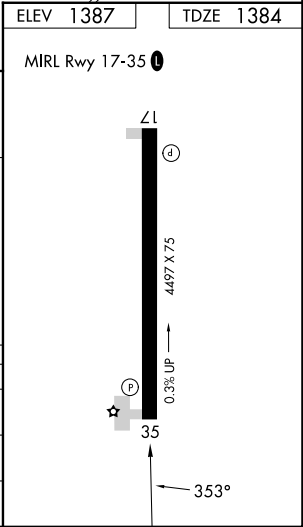
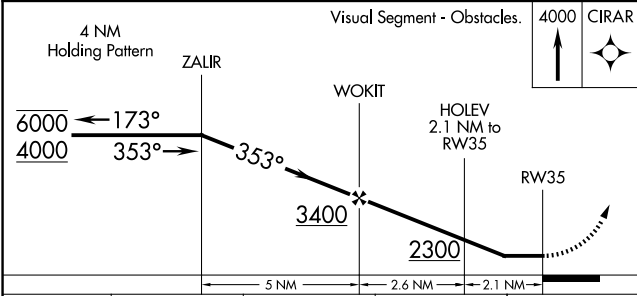
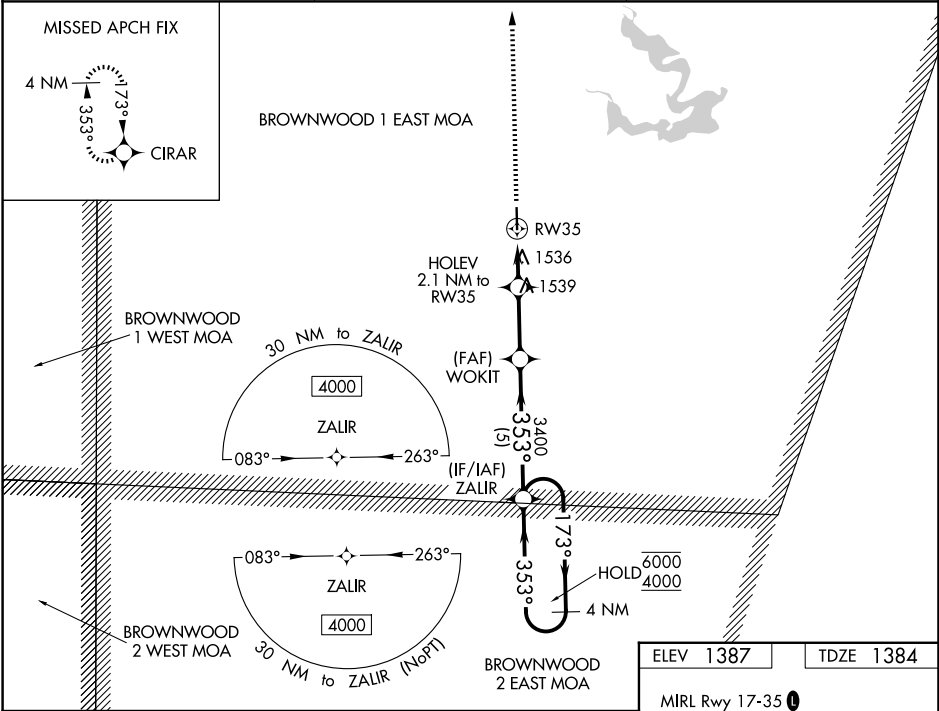
RNAV (GPS) RWY 35
COMANCHE COUNTY-CITY (MKN)

RNP APCH - GPS.

▼ Rwy 35 helicopter visibility reduction below 1 SM NA. Rwy 35 Straight-In and Circling minimums NA at night. When local altimeter setting not received, use BWD altimeter setting and increase all MDA 60 feet.

MISSED APPROACH: Climb to 4000 direct CIRAR and hold.

AWOS-3 118.575	FORT WORTH CENTER 135.375 354.05	UNICOM 123.075 (CTAF) 0
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CATEGORY	A	B	C	D
LP MDA	1840-1	456 (500-1)	NA	
LNAV MDA	1840-1	456 (500-1)	NA	
CIRCLING	2120-1	733 (800-1)	NA	

COMANCHE, TEXAS

Orig-C 22JAN26

31°55'N-98°36'W

COMANCHE COUNTY-CITY (MKN)
RNAV (GPS) RWY 35

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-CRP

110.3

Chan 40

APP CRS

132°

Rwy Ldg

7510

TDZE

46

Apt Elev

46

ILS or LOC RWY 13

CORPUS CHRISTI INTL (CRP)

Autopilot coupled approach NA below 260.

For inop ALS, increase S-ILS 13 Cat E visibility to RVR 4000 and S-LOC 13 Cats C, D, and E visibility to RVR 5500.

*RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 500 then climbing right turn to 2000 on heading 132° and CRP VORTAC R-169 to SOLON INT/CRP VORTAC 28 DME and hold.

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
----------------------	--	------------------------------------	--------------------------------

ELEV 46

D

TDZE 46

HIRL Rwy's 13-31 and 18-36

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

CATEGORY	S-ILS 13*				
	246/24 200 (200-½)				
	S-LOC 13				
	400/24	354 (400-½)	400/30	354 (400-¾)	
	500-1 454 (500-1)	780-1 734 (800-1)	820-2¼ 774 (800-2¼)	820-2½ 774 (800-2½)	820-2¾ 774 (800-2¾)

CORPUS CHRISTI, TEXAS

Amdt 28B 02NOV23

27°46'N-97°30'W

97

CORPUS CHRISTI INTL (CRP)

ILS or LOC RWY 13

ILS or LOC RWY 36
CORPUS CHRISTI INTL (CRP)

MISSED APPROACH: Climb to 700 then climbing left turn to 2000 on heading 338° and CRP VORTAC R-287 to ATHIS INT/CRP 23.3 DME and hold.

T For inop ALS, increase S-ILS 36 Cat E visibility to RVR 4000 and S-LOC 36 Cat C/D/E visibility to RVR 4500.

LOCALIZER 109.5
I-OYC
Chan 32

CORPUS CHRISTI
115.5 CRP 
Chan 102

TENUH
I-OYC 1.6 —

ALKOJ
I-OYC 3.2

ALKOJ
I-OYC 3.2

U.S.S.O.E.
I-OYC 7.2
S.A.S.A.

12:00

(IF/IAF)
HADON
DYC 13.1

2

AF)
TTY



2000	
------	--

hdg

338	1
-----	---

1-0Y0



ORY	
24	

C 36	
	5

LING	454
------	-----

27°46'

SC-3, 03 SEP 2026 to 29 OCT 2026

Obstruction diagram for HIRL Rwy 13-31 and 18-36. The diagram shows two towers. Tower 1 is 7510 x 150 feet high, with a 355-degree bearing indicated. Tower 2 is 6080 x 150 feet high. Both towers have a 36-foot base. The diagram also shows a 355-degree bearing and a 36-foot base for the towers.

CORPUS CHRISTI, TEXAS
Amdt 14B 02NOV23

27°46'N-97°30'W

CORPUS CHRISTI INTL (CRP)
ILS or LOC RWY 36

700 ↑	2000 hdg 338°	CRP R-287	ATHIS △	ILS unusable inside DA. LOC unusable within 1.6 DME.									
				OSSOE I-OYC <u>7.2</u> RADAR 2000 HADON I-OYC <u>13.1</u> One Minute Holding Pattern TENUH I-OYC <u>1.6</u> ALKOJ I-OYC <u>3.2</u> GS 3.00° TCH 53									
CATEGORY		A		B		C		D		E			
S-ILS 36				240/24		200 (200-½)							
S-LOC 36				340/24		300 (300-½)							
CIRCLING		500-1 454 (500-1)		780-1 734 (800-1)		820-2½ 774 (800-2½)		820-2½ 774 (800-2½)		820-2¾ 774 (800-2¾)			

APP CRS 132°	Rwy Ldg TDZE Apt Elev	7510 46 46
------------------------	-----------------------------	---------------------------------------

RNAV (RNP) Z RWY 13
CORPUS CHRISTI INTL (CRP)

T

For uncompensated Baro-VNAV systems, procedure NA below -1°C (31°F) or above 54°C (130°F). GPS required.

MALSR



MISSED APPROACH: Climb to 2000 on track 132° to JOGAT and on track 178° to SOLON and hold.

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
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SKIDS
(RNP 0.90)

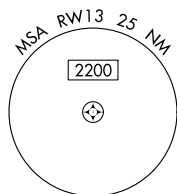
2100
133°
119.2

Procedure NA for arrivals at SKIDS
on V163 northwest bound.

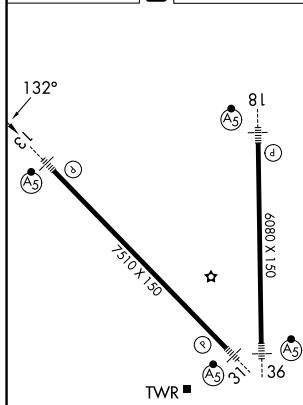
3000
235°
(18.6)

(IAF)
COPAN
(RNP 0.50)
(RF REQD)

Procedure NA for arrivals at COPAN
on V20-70 northeast bound.



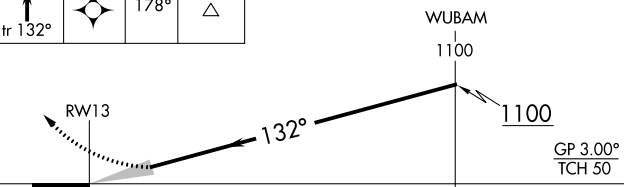
ELEV 46	D	TDZE 46
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HIRL Rwy 13-31 and 18-36

2000 ↑ tr 132°	JOGAT 	tr 178°	SOLON 
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See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.30 DA	394/30 348 (400- ⁵ / ₈)			

AUTHORIZATION REQUIRED

APP CRS	Rwy Ldg	7510
312°	TDZE	43
	Apt Elev	46

RNAV (RNP) Z RWY 31

CORPUS CHRISTI INTL (CRP)

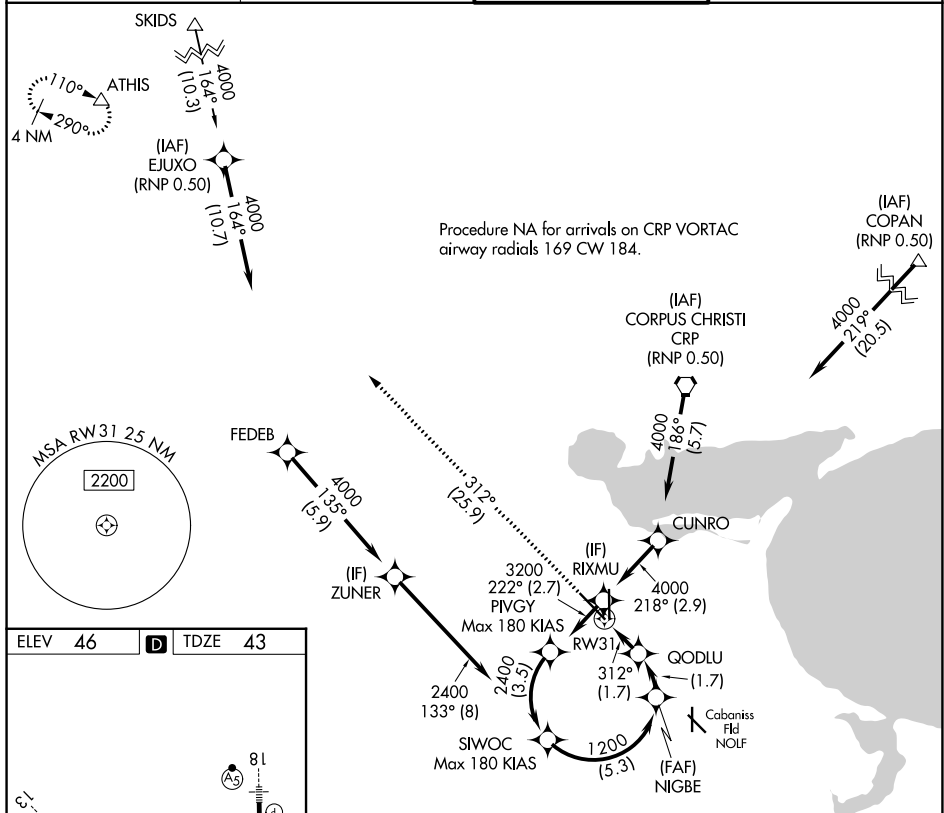
▼ For uncompensated Baro-VNAV systems, procedure NA below -1°C (31°F) or above 54°C (130°F). GPS and RF required. For inop MALSR, increase RNP 0.14 all Cats visibility to ¾ mile.
*Missed approach requires minimum climb of 335 feet per NM to 500.

MALSR

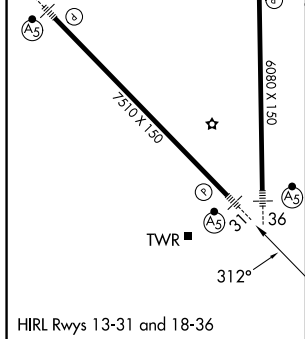


MISSED APPROACH: Climb to 2000 on track 312° to ATHIS and hold.

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
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ELEV 46 **D** TDZE 43



HIRL Rwy 13-31 and 18-36

2000	ATHIS	See planview for multiple IF locations.		SIWOC
↑	fr 312°			
RW31		GODLU 646	NIGBE 1200	SIWOC 2400
312°		1.7 NM	1.7 NM	5.3 NM
CATEGORY	A	B	C	D
RNP 0.14 DA*		303-1/2	260 (300-1/2)	
RNP 0.30 DA		384-5/8	341 (400-5/8)	

AUTHORIZATION REQUIRED

APP CRS	Rwy Ldg	6080
355°	TDZE	40
	Apt Elev	44

RNAV (RNP) Z RWY 36
CORPUS CHRISTI INTL (CRP)

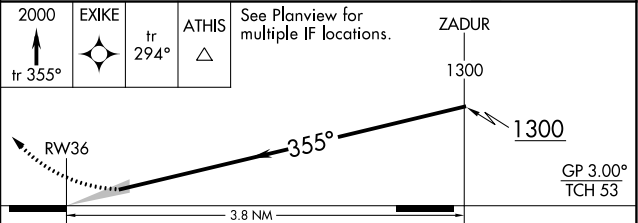
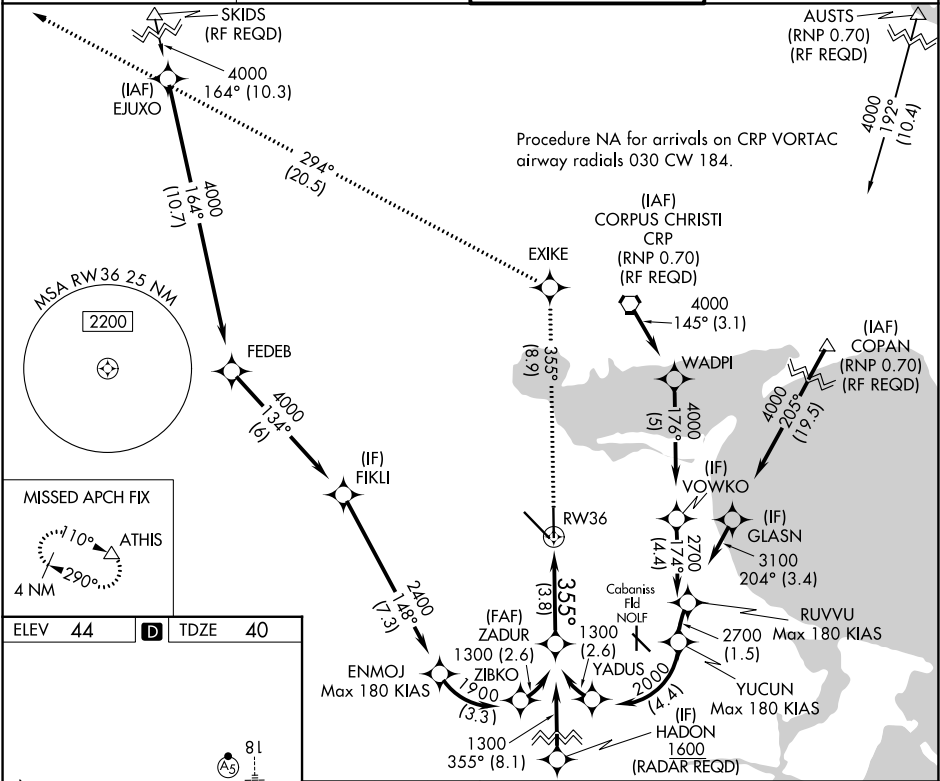
▼ For uncompensated Baro-VNAV systems, procedure NA below -1°C (-31°F) or above 54°C (130°F). GPS required. For inop MALSR, increase RNP 0.11 visibility all Cats to RVR 4000. For inop MALSR, increase RNP 0.30 visibility all Cats to RVR 5900.

MALSR



MISSED APPROACH: Climb to 2000 on track 355° to EXIKE and on track 294° to ATHIS and hold.

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
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CATEGORY	A	B	C	D
RNP 0.11 DA		290/24	250 (300-½)	
RNP 0.30 DA		400/34	360 (400-½)	

AUTHORIZATION REQUIRED

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

CORPUS CHRISTI, TEXAS

AL-5032 (FAA)

26190

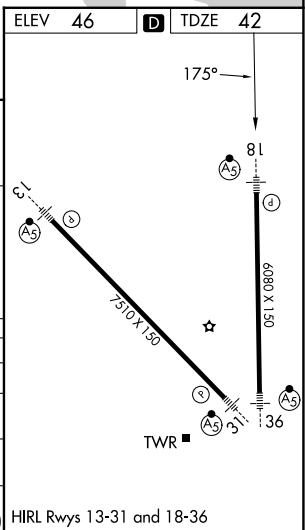
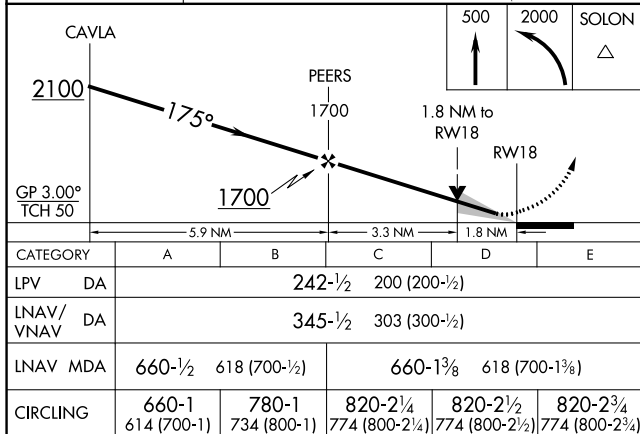
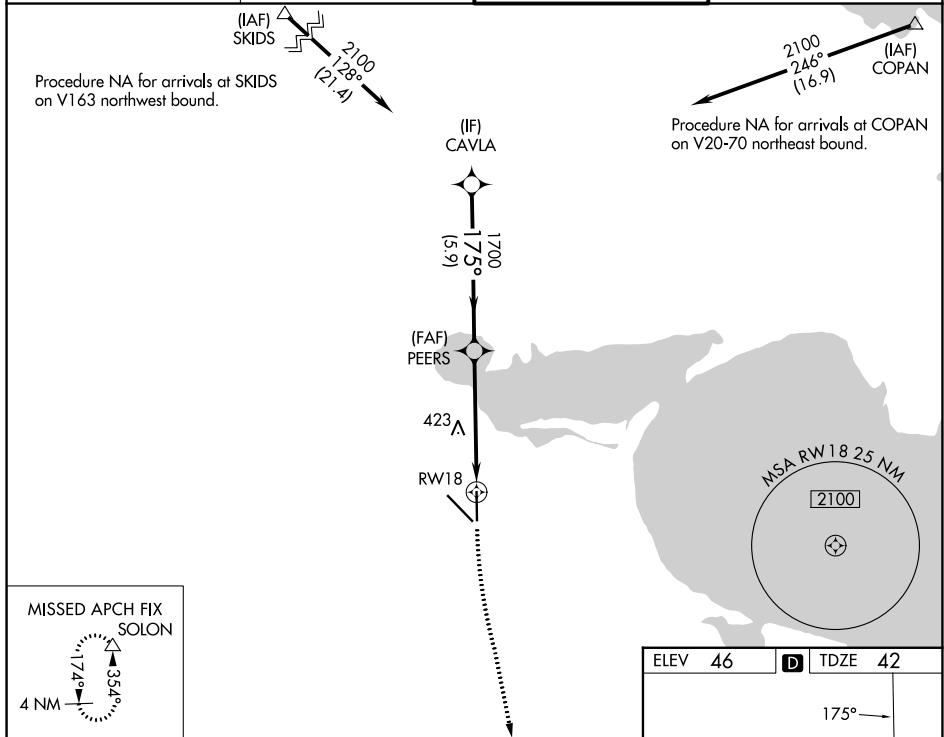
WAAS CH 53635 W18A	APP CRS 175°	Rwy Ldg 6080 TDZE 42 Apt Elev 46
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RNAV (GPS) RWY 18

CORPUS CHRISTI INTL (CRP)

RNP APCH - GPS.	MALS R	MISSED APPROACH: Climb to 500 then climbing left turn to 2000 direct SOLON and hold.
▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 1°C or above 54°C. For inop ALS, increase LPV Cat E visibility to ¾ SM, all LNAV/VNAV visibilities to ¾ SM, and LNAV Cat C, D, and E visibility to 1¾ SM.	AS	

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
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CORPUS CHRISTI, TEXAS

Amclt 2A 02NOV23

27°46'N-97°30'W

RNAV (GPS) RWY 18

CORPUS CHRISTI INTL (CRP)

SC-3, 03 SEP 2026 to 29 OCT 2026

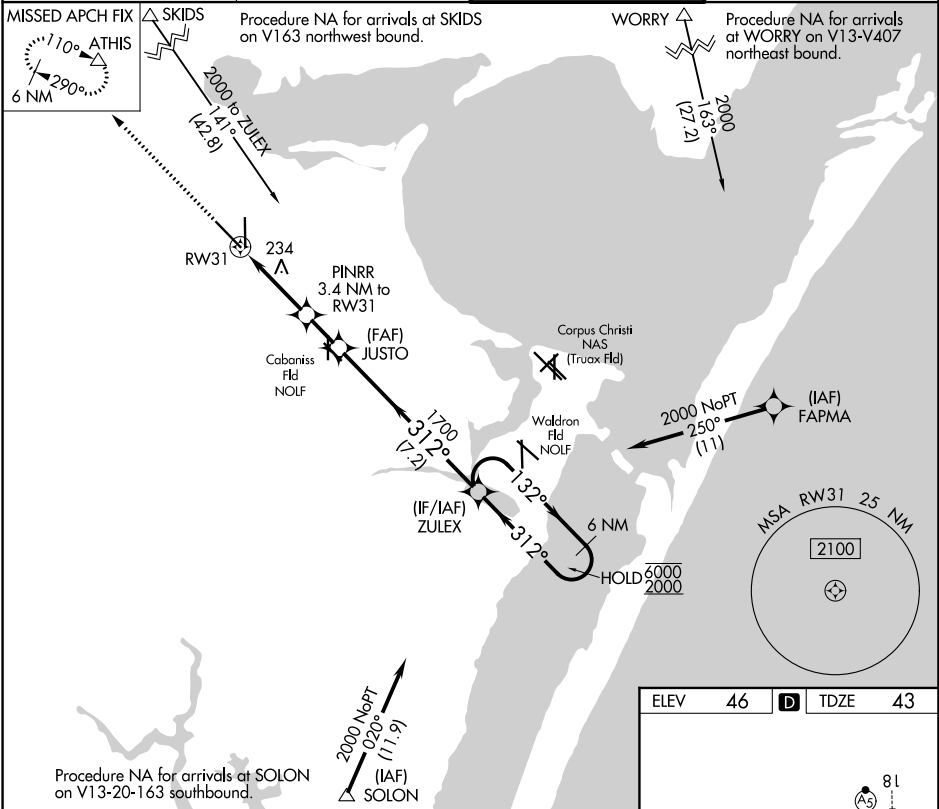
SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	7510
312°	TDZE	43
	Apt Elev	46

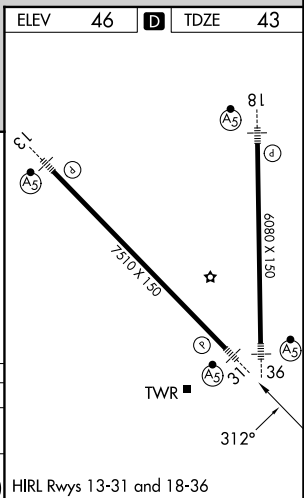
RNAV (GPS) X RWY 31
CORPUS CHRISTI INTL (CRP)

RNP APCH - GPS	MALSR
For inop ALS, increase LNAV Cat E visibility to 1½ mile.	MISSED APPROACH: Climb to 2000 direct ATHIS and hold.

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
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2000 ↑	ATHIS △	VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 50).				
CATEGORY	A	B	C	D	E	
LNAV MDA	500-½	457 (500-½)	500-¾ 457 (500-¾)			
CIRCLING	500-1 454 (500-1)	780-1 734 (800-1)	820-2¼ 774 (800-2¼)	820-2½ 774 (800-2½)	820-2¾ 774 (800-2¾)	



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

CORPUS CHRISTI, TEXAS

AL-5032 (FAA)

26190

WAAS CH 97515 W13A	APP CRS 132°	Rwy Ldg TDZE 46 Apt Elev 46
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RNAV (GPS) Y RWY 13

CORPUS CHRISTI INTL (CRP)

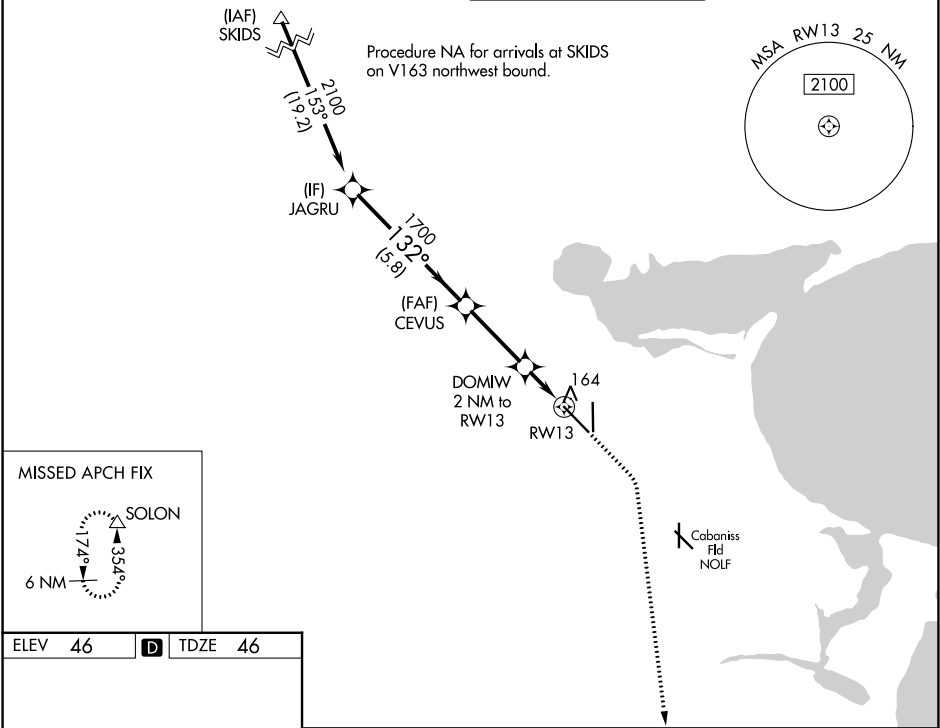
RNP APCH - GPS.

▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1°C or above 54°C. For inop ALS increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to RVR 4500, and LNAV Cats C, D, and E visibility to RVR 5500.
*RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 500 then climbing right turn to 2000 direct SOLON and hold.

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
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ELEV 46 D TDZE 46

HIRL Rwy 13-31 and 18-36

	500	2000	SOLON
	↑	↷	△
JAGRU	CEVUS	DOMIW 2 NM to RW13	RW13
2100	1700	720	
GP 3.00° TCH 50	5.8 NM	3 NM	1 NM
CATEGORY	A	B	C
LPV DA *	246/24	200 (200-½)	
LNAV/VNAV DA	325/24	279 (300-½)	
LNAV MDA	420/24	374 (400-½)	420/35 374 (400-¾)
CIRCLING	500-1 454 (500-1)	780-1 734 (800-1)	820-2¼ 774 (800-2¼)

CORPUS CHRISTI, TEXAS
Amdt 2B 02NOV23

27°46'N-97°30'W

CORPUS CHRISTI INTL (CRP)

RNAV (GPS) Y RWY 13

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 60914 W31A	APP CRS 312°	Rwy Ldg 7510 TDZE 43 Apt Elev 46
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RNAV (GPS) Y RWY 31
CORPUS CHRISTI INTL (CRP)

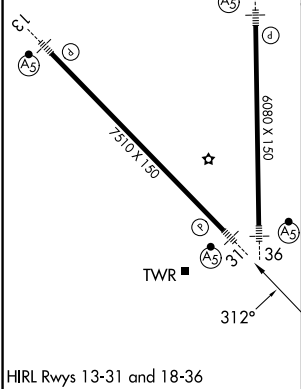
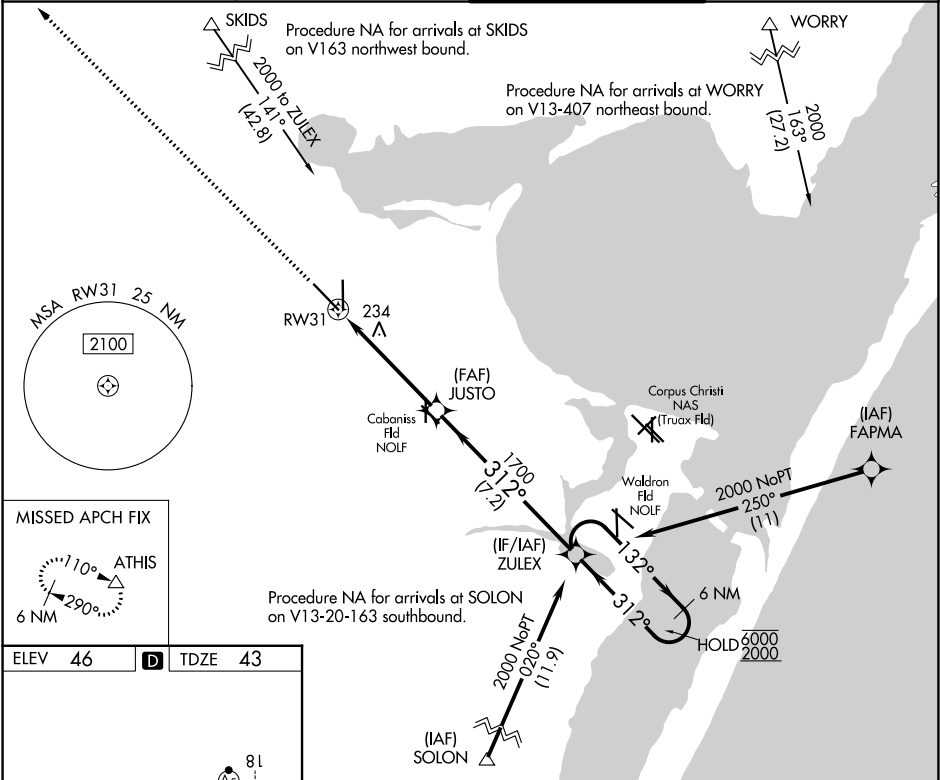
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1°C or above 54°C.
Procedure NA when Cabaniss Fld traffic patterns active. For inop ALS, increase LPV Cat E visibility to ¾ SM, LNAV/VNAV all Cats visibility to ¾ SM, and LNAV Cat E visibility to 1¾ SM.

MALSRLAS

MISSED APPROACH:
Climb to 2000 direct
ATHIS and hold.

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
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2000 ↑		ATHIS △		JUSTO 1700		ZULEX 1700		6 NM Holding Pattern 132°→ 6000 ← 312° 2000	
RW31		1.3 NM to RW31		1.3 NM		3.8 NM		7.2 NM	
GP 3.00° TCH 50									
CATEGORY	A		B		C		D		E
LPV DA	243-½		200 (200-½)						
LNAV/VNAV DA	356-⅝		313 (400-⅝)						
LNAV MDA	500-½ 457 (500-½)		500-⅞ 457 (500-⅞)						
CIRCLING	500-1 454 (500-1)	780-1 734 (800-1)	820-2¼ 774 (800-2¼)	820-2½ 774 (800-2½)	820-2¾ 774 (800-2¾)				

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) Y RWY 36
CORPUS CHRISTI INTL (CRP)

MISSED APPROACH: Climb to 2000 direct FEKEL and on track 304° to ATHIS and hold.

GND CON
121.9 269.15

Procedure NA for arrival on CRP VORTAC
airway radials 169 CW 184.

2000

FEKEL

ATHIS

tr 304°

OSSEO

HADON

4 NM Holding Pattern

COKNU 1.4 NM to RW36

2000

355°

175°

6000

2000

GP 3.00° TCH 53

1.4 NM

4.6 NM

5.9 NM

CATEGORY	A	B	C	D	E
LPV DA *		240/24	200 (200-½)		
LNAV/VNAV DA		356/24	316 (400-½)		
LNAV MDA	440/24	400 (400-½)	440/35	400 (400-⅝)	
CIRCLING	500-1 454 (500-1)	780-1 734 (600-1)	820-2¼ 774 (800-2¼)	820-2½ 774 (800-2½)	820-2¾ 774 (800-2¾)

CORPUS CHRISTI INTL (CRP)
RNAV (GPS) Y RWY 36

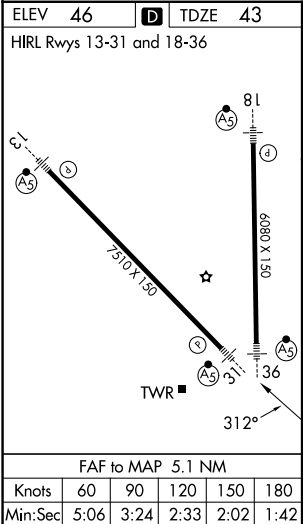
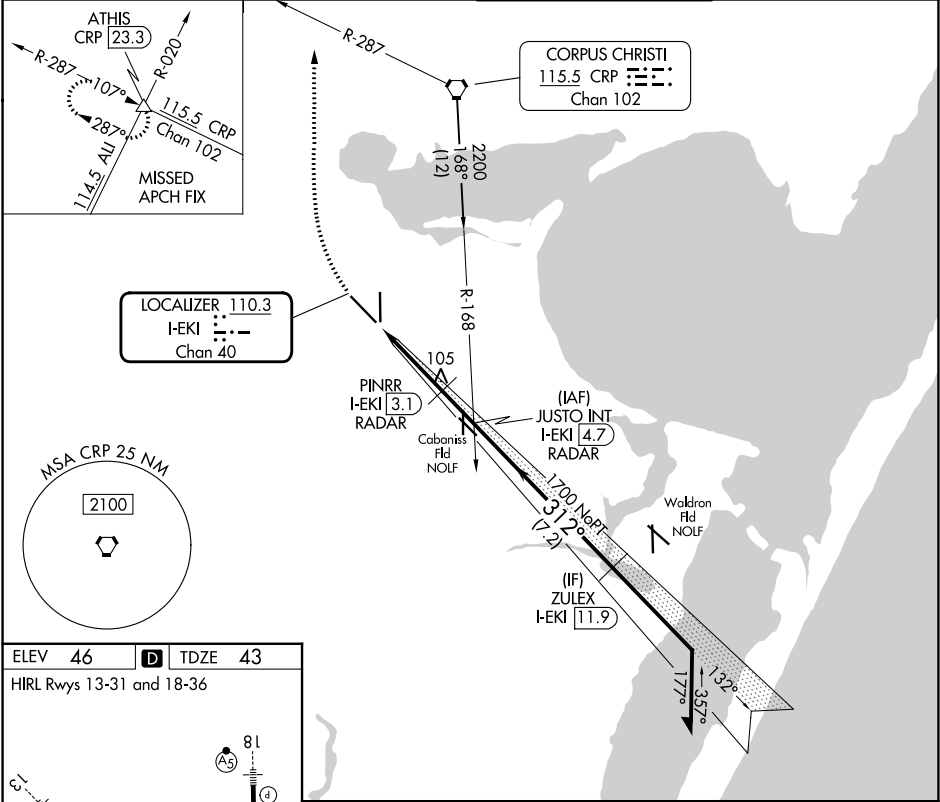
LOC/DME I-EKI 110.3 Chan 40	APP CRS 312°	Rwy Ldg 7510 TDZE 43 Apt Elev 46
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LOC RWY 31
CORPUS CHRISTI INTL (CRP)

DME or RADAR required.
RADAR required for procedure entry at ZULEX.
For inop ALS, increase S-LOC 31 Cats C, D, and E
visibility to 1 SM.

MALS R
MISSED APPROACH: Climb to 700 then climbing right
turn to 2000 on heading 335° and CRP VORTAC
R-287 to ATHIS INT/CRP VORTAC 23.3 DME and hold.

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
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700	2000	ATHIS	JUSTO INT I-EKI 4.7 RADAR		Remain within 15 NM
↑	hdg 335° CRP R-287	△	2200	132°	2000
I-EKI DME Antenna I-EKI 0.3	I-EKI 0.6	PINRR I-EKI 3.1 RADAR	1300	312°	1700
3.35° TCH 50			VGSI and descent angles not coincident (VGSI Angle 3.00/ TCH 50).		
1			2.5 NM		
			1.6 NM		
CATEGORY	A	B	C	D	E
S-31	400-½	357 (400-½)	400-⅝ 357 (400-⅝)		
CIRCLING	500-1 454 (500-1)	780-1 734 (800-1)	820-2¼ 774 (800-2¼)	820-2½ 774 (800-2½)	820-2¾ 774 (800-2¾)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

CORPUS CHRISTI, TEXAS

AL-5032 (FAA)

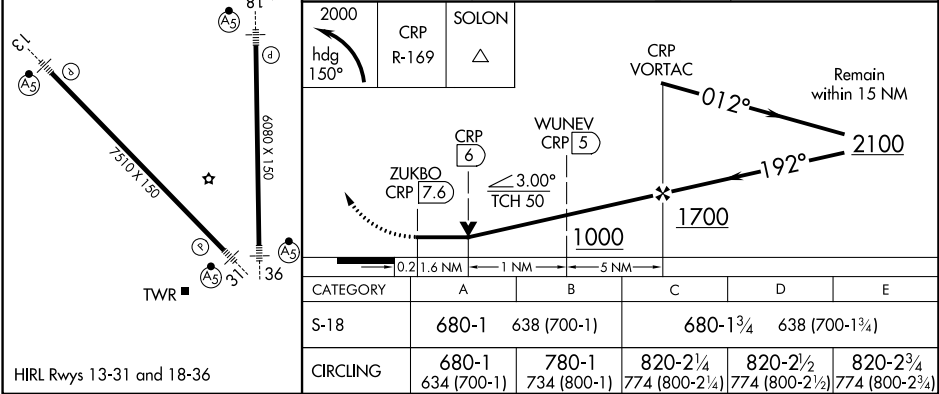
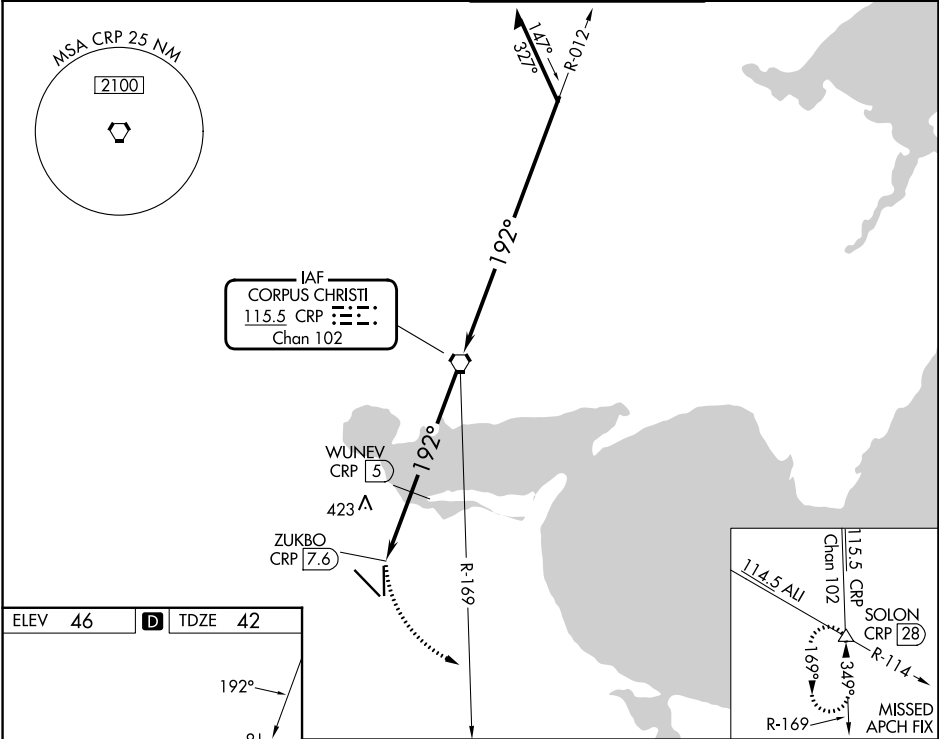
26190

VORTAC CRP	Rwy Ldg	6080
115.5	APP CRS	42
Chan 102	192°	TDZE
		Apt Elev 46

VOR or TACAN RWY 18
CORPUS CHRISTI INTL (CRP)

DME required.	MALSR	MISSED APPROACH: Climbing left turn to 2000 on heading 150° and CRP VORTAC R-169 to SOLON INT/CRP 28 DME and hold.
▼ Rwy 18 helicopter visibility reduction below ¾ SM NA. Inop table does not apply.	(AS)	

ATIS 126.8	CORPUS APP CON 120.9 348.725	CORPUS TOWER 119.4 257.8	GND CON 121.9 269.15
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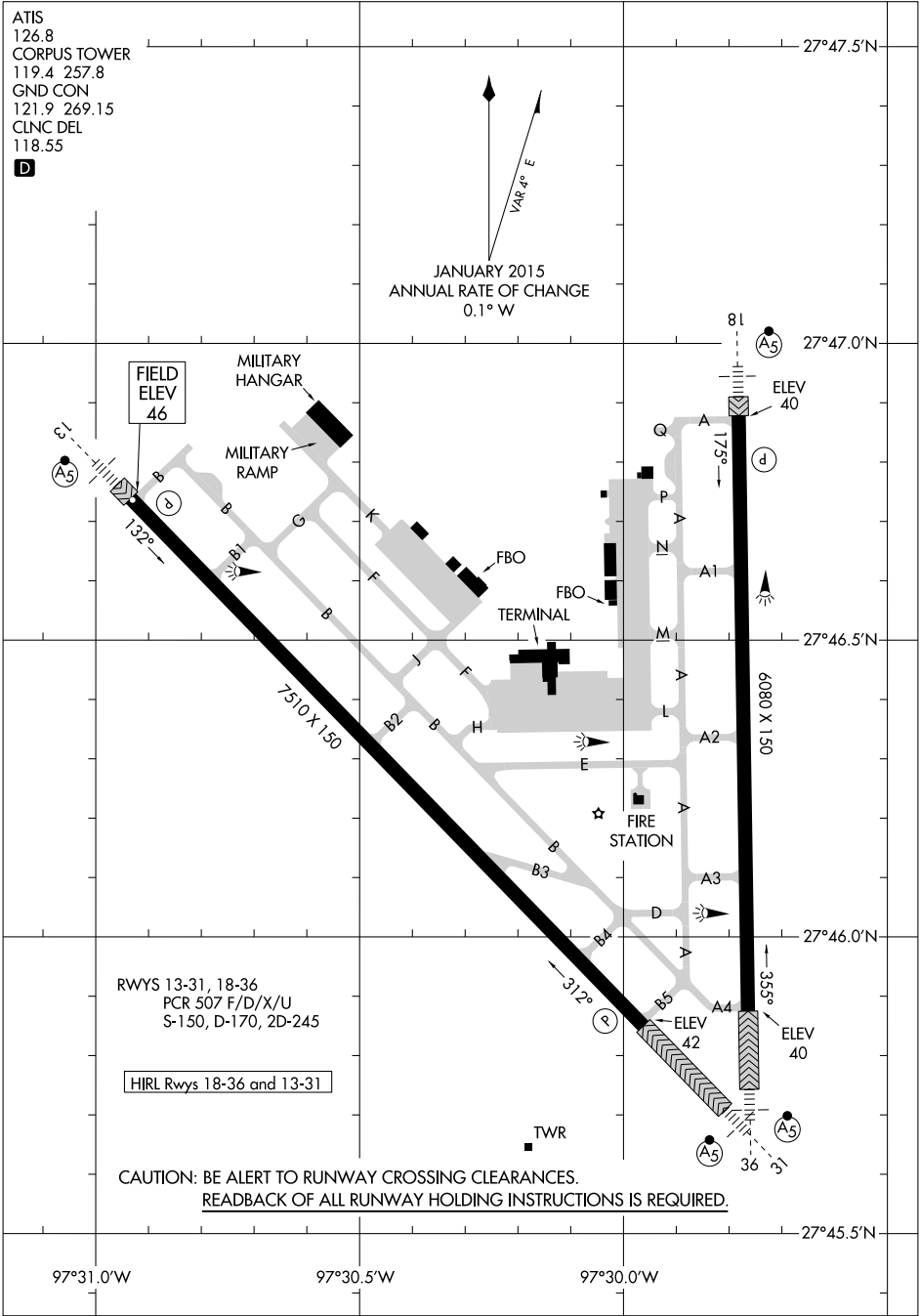
CORPUS CHRISTI, TEXAS
Amdt 29 02NOV23

27°46'N-97°30'W

CORPUS CHRISTI INTL (CRP)
VOR or TACAN RWY 18

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

CORPUS CHRISTI, TEXAS

ILS Z or LOC Z RWY 13R

LOC/DME I-NGP 111.3 Chan 50	APCH CRS 132°	Rwy Idg TDZE Arpt Elev 8001 13 18
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[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

DME required

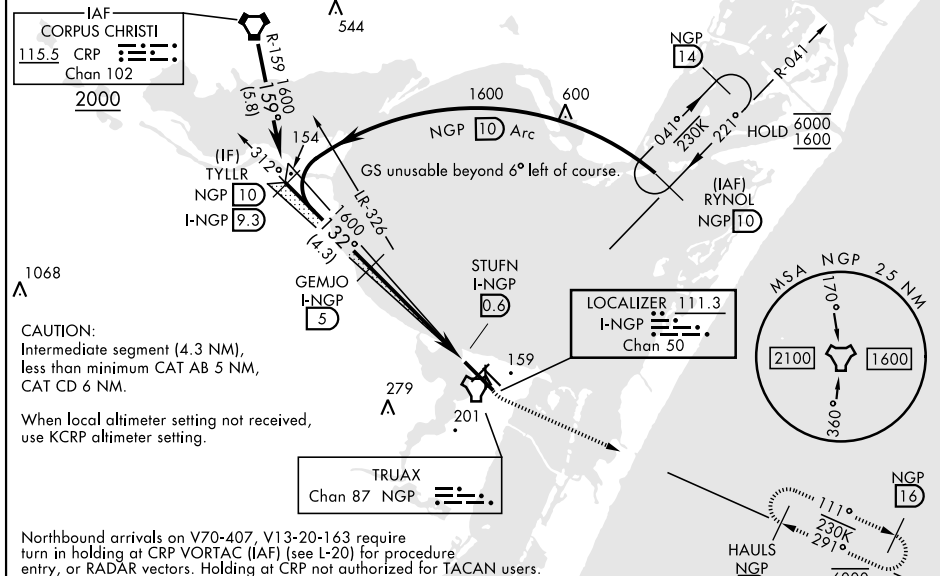
▼ * When ALS inop, increase CAT AB vis to 1 mile, CAT CD to 1½ miles.

SALSF



MISSED APPROACH: Climb to 500 hdg 132°, then climbing left turn to 1600 and intercept NGP TACAN R-111 to HAULS and hold. Continue climb-in-hold to 1600.

ATIS ★ 127.9 290.9	APP CON 120.9 259.3	NAVY CORPUS TOWER ★ 134.85 0 340.2	GND CON 118.7 257.85	ASR/PAR
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EMERG SAFE ALT 100 NM 11,100

CRP VORTAC	TYLLR NGP 10 I-NGP 9.3	GEMJO I-NGP 5	500 hdg 132°	1600 NGP R-111	HAULS R-111 12	ELEV 18	TDZE 13
2000	159°	132°	1600	1600	1600	132°	
GS 3.00° TCH 47			4.4 NM	0.5			
CATEGORY	A	B	C	D			
S-ILS 13R	213-¾	200	(200-¾)				
S-LOC 13R *	460-¾ 447 (500-¾)		460-1 447 (500-1)				
CIRCLING	460-1 442 (500-1)	480-1 462 (500-1)	520-1½ 502 (600-1½)	580-2 562 (600-2)			
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING							
S-ILS 13R	246-¾	233	(300-¾)				
S-LOC 13R *	500-¾ 487 (500-¾)		500-1½ 487 (500-1½)				
CIRCLING	500-1 482 (500-1)		560-1½ 542 (600-1½)	620-2 602 (700-2)			
HIRL all rwys 0 REIL Rwy 13L-31R 0 REIL Rwy 4-22, 18-36, 31L							
FAF to MAP 4.4 NM							
Knots	60	90	120	150	180		
Min:Sec	4:24	2:56	2:12	1:46	1:28		

CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdt 1 28NOV24

ILS Z or LOC Z RWY 13R

CORPUS CHRISTI, TEXAS

ILS Y or RNAV (GPS) RWY 13R

LOC/DME I-NGP 111.3 Chan 50	APCH CRS 132°	Rwy Idg TDZE Arpt Elev 8001 13 18
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[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

RNP APCH for LNAV.
RNAV1 - GPS for ILS.

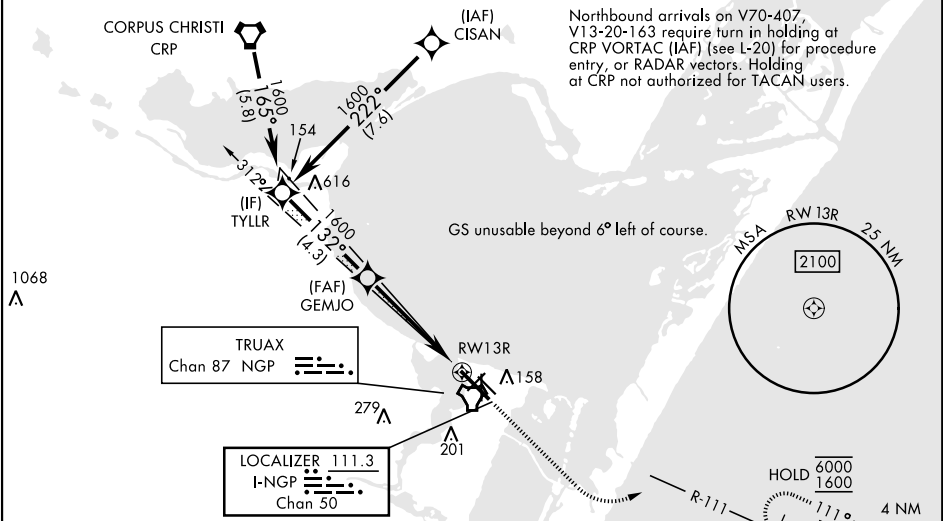
▼ *When ALS inop, increase CAT AB vis to 1 mile; CAT CD vis to 1½ miles.



MISSED APPROACH: Climb to 600, then climbing left turn to 1600 direct HAULS and hold.

ATIS ★ 127.9 290.9	APP CON 120.9 259.3	NAVY CORPUS TOWER ★ 134.85 0 340.2	GND CON 118.7 257.85	ASR/PAR
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When local altimeter setting not received, use Corpus Christi (CRP) Intl altimeter setting.



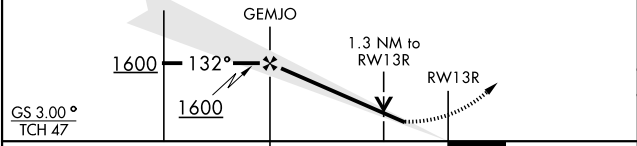
EMERG SAFE ALT 100 NM 11,100

VDP not authorized when using Corpus Christi (CRP) Intl altimeter setting

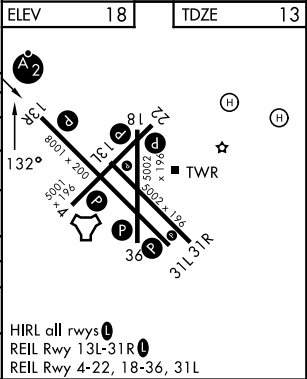
600

1600

HAULS NGP 12



CATEGORY	A	B	C	D
S-ILS 13R	213-¾	200	(200-¾)	
LNAV MDA*	460-¾ 447 (500-¾)	460-1 447 (500-1)		
CIRCLING	460-1 442 (500-1)	480-1 462 (500-1)	520-1½ 502 (600-1½)	580-2 562 (600-2)
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING				
S-ILS 13R	246-¾	233	(300-¾)	
LNAV MDA*	500-¾ 487 (500-¾)	500-1½ 487 (500-1½)		
CIRCLING	500-1 482 (500-1)	540-1½ 522 (600-1½)	620-2 602 (700-2)	



CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Orig 30NOV23

ILS Y or RNAV (GPS) RWY 13R

RNAV (GPS) RWY 13L

APCH CRS 132°	Rwy Idg 5002 TDZE 18 Arpt Elev 18
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[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

RNP APCH - GPS

T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (129°F).

MISSED APPROACH: Climb to 600, then climbing right turn to 1600 direct POLCK and hold.

ATIS ★
127.9 29

APP CON
120.9 259.3

NAVY CORPUS TOWER★
134.85 340.2

GND CON	
118.7	257.85

ASR/PAR

(IAF)
CORPUS CHRISTI
CRP

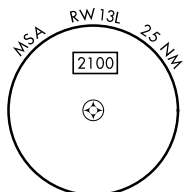
(IF)
STURT

Northbound arrivals on V70-407 and V13-20-163 require turn in holding at CRP VORTAC (See L-20) for procedure entry, or RADAR vectors. Holding at CRP VORTAC NA for TACAN users.

(FAF)
RULKE

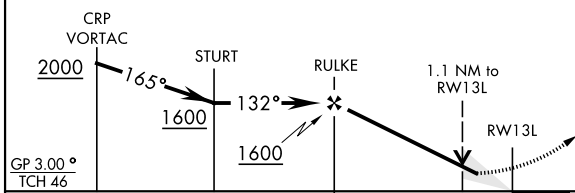
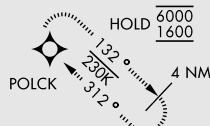
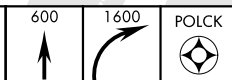
When local altimeter setting not received,
use Corpus Christi (CRP) Intl altimeter setting.

Baro-VNAV not authorized when
local altimeter not available.

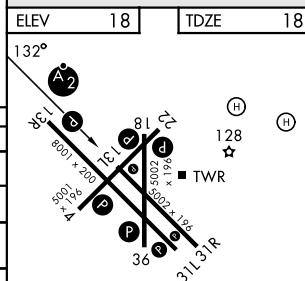


EMERG SAFE ALT 100 NM 11,100

VDP not authorized when using Corpus Christi (CRP) Intl altimeter setting.



CATEGORY	A	B	C	D
LNAV/VNAV DA	268-1	250	(300-1)	
LNAV MDA	400-1 382 (400-1)		400-1½ 382 (400-1½)	
CIRCLING	460-1 442 (500-1)	480-1 462 (500-1)	520-1½ 502 (600-1½)	580-2 562 (600-2)
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING				
LNAV MDA	420-1 402 (500-1)		420-1½ 402 (500-1½)	
CIRCLING	500-1 482 (500-1)		540-1½ 522 (600-1½)	620-2 602 (700-2)



HIRL all rwys **L**
REIL Rwy 13L-31R **L**
REIL Rwy 4-22, 18-36, 31L

CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdt 2 30NOV23

RNAV (GPS) RWY 13L

CORPUS CHRISTI, TEXAS

RNAV (GPS) RWY 18

APCH CRS	Rwy Idg	5002
177°	TDZE	18
	Arpt Elev	18

[USN]

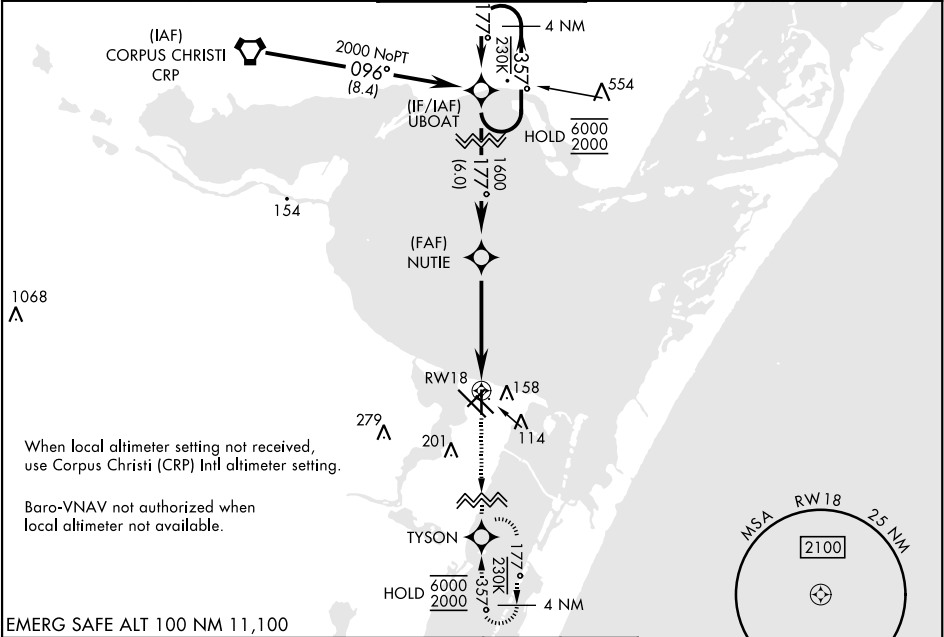
CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

RNP APCH - GPS

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15° C (5° F) or above 54° C (129° F).

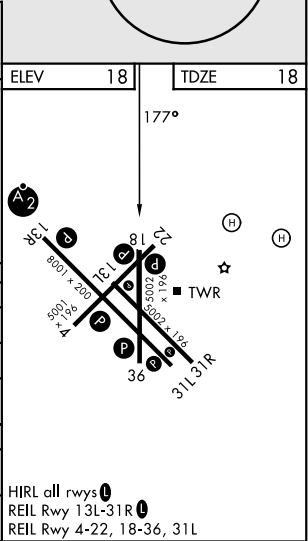
MISSED APPROACH: Climb to 2000 direct TYSON and hold.

ATIS ★ 127.9 290.9	APP CON 120.9 259.3	NAVY CORPUS TOWER ★ 134.85 340.2	GND CON 118.7 257.85	ASR/PAR
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EMERG SAFE ALT 100 NM 11,100

VDP not authorized when using Corpus Christi (CRP) Intl altimeter setting.				
4 NM Holding Pattern				
UBOAT				
GP 3.00° TCH 50				
CATEGORY	A	B	C	D
LNAV/VNAV DA	268-¾	250	(300-¾)	275-¾ 257 (300-¾)
LNAV MDA	380-1		362	(400-1)
CIRCLING	460-1 442 (500-1)	480-1 462 (500-1)	520-1½ 502 (600-1½)	580-2 562 (600-2)
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING				
LNAV MDA	400-1	382 (400-1)	400-1½	382 (400-1½)
CIRCLING	500-1	482 (500-1)	540-1½ 522 (600-1½)	620-2 602 (700-2)



CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdr 2 30NOV23

RNAV (GPS) RWY 18

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 22

APCH CRS	Rwy Idg	5001
222°	TDZE	15
	Arpt Elev	18

[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

RNP APCH - GPS

T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (129°F).

MISSED APPROACH: Climb to 600, then climbing left turn to 2000 direct TYSON and hold.

ATIS ★

127.9 290.9

APP CON

120.9 259.3

NAVY CORPUS TOWER★

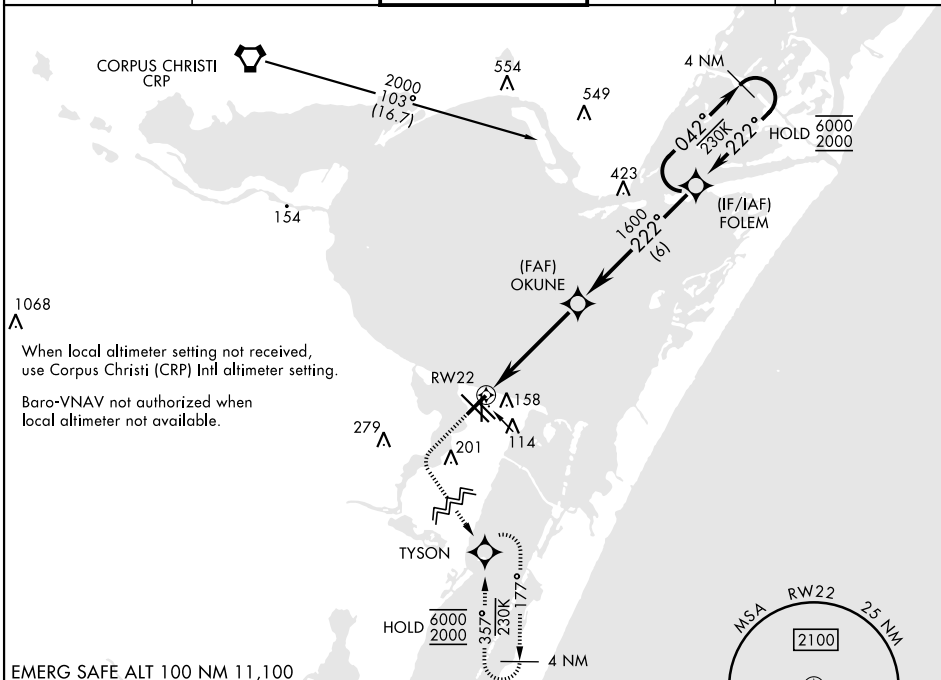
134.85 L 340.2

GND CON

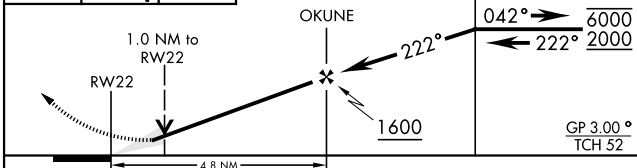
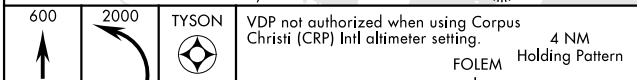
118.7 257.85

ASR/PAR

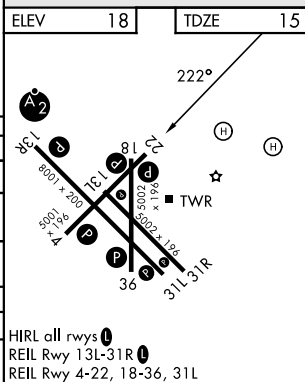
ASR/PAR



EMERG SAFE ALT 100 NM 11,100



CATEGORY	A	B	C	D
INAV MDA	380-1 365 (400-1)			
INAV/VNAV DA	320-7/8 305 (400-7/8)			380-1 365 (400-1)
CIRCLING	460-1 422 (500-1)	480-1 462 (500-1)	520-1½ 502 (600-1½)	580-2 562 (600-2)
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING				
INAV MDA	400-1 385 (400-1)		400-1½ 385 (400-1½)	
CIRCLING	500-1 482 (500-1)		540-1½ 522 (600-1½)	620-2 602 (700-2)



CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdt 2 30NOV23

RNAV (GPS) RWY 22

CORPUS CHRISTI, TEXAS

RNAV (GPS) RWY 31L

APCH CRS 312°	Rwy Idg 8001
	TDZE 17
	Arpt Elev 18

[USN]

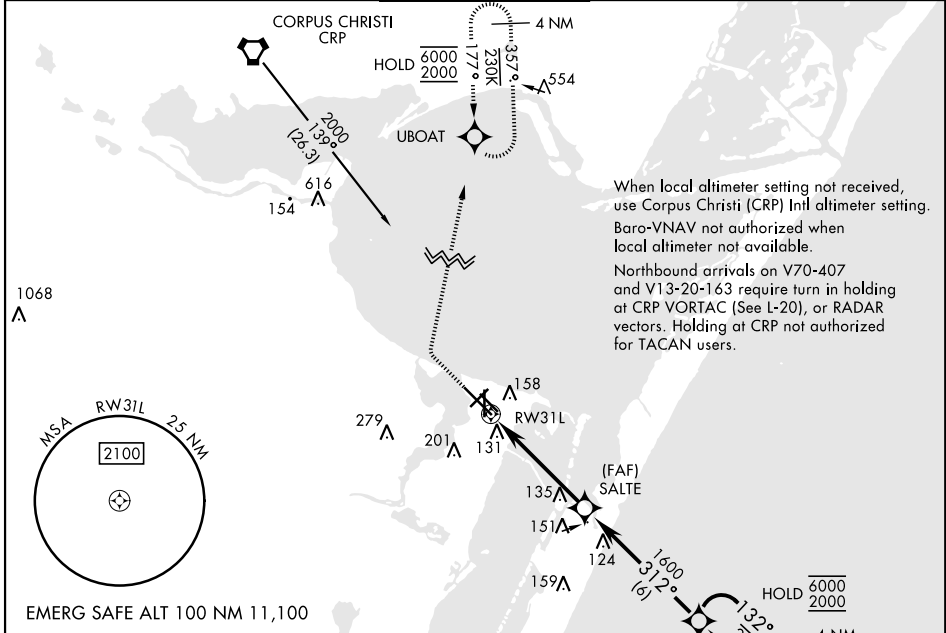
CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

RNP APCH - GPS

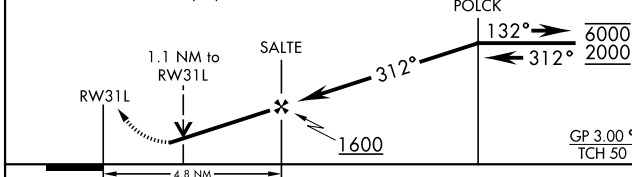
▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (129°F).

MISSED APPROACH: Climb to 600, then climbing right turn to 2000 direct UBOAT and hold.

ATIS ★ 127.9 290.9	APP CON 120.9 259.3	NAVY CORPUS TOWER ★ 134.850 340.2	GND CON 118.7 257.85	ASR/PAR
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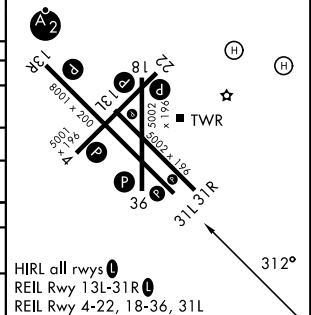


600	2000	UBOAT	VDP not authorized when using Corpus Christi (CRP) Intl altimeter setting
VGSI TCH not coincident (45).			



CATEGORY	A	B	C	D
LNAV/VNAV DA	412-1½		395	(400-1½)
LNAV MDA	420-1	403 (500-1)	420-1½	403 (500-1½)
CIRCLING	460-1 442 (500-1)	480-1 462 (500-1)	520-1½ 502 (600-1½)	580-2 562 (600-2)
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING				
LNAV MDA	460-1	443 (500-1)	460-1½	443 (500-1½)
CIRCLING	500-1	482 (500-1)	540-1½ 522 (600-1½)	620-2 602 (700-2)

ELEV	18	TDZE	17
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CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdt 2 30NOV23

RNAV (GPS) RWY 31L

RNAV (GPS) RWY 31R

APCH CRS	Rwy Idg	5002
312°	TDZE	18
	Arpt Elev	18

[USN]

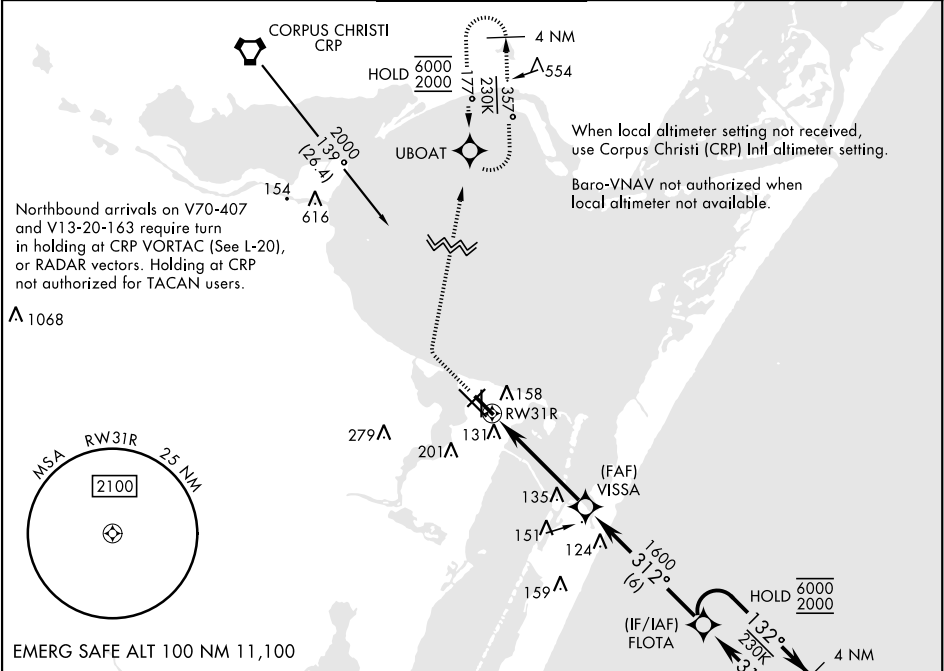
CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

RNP APCH - GPS

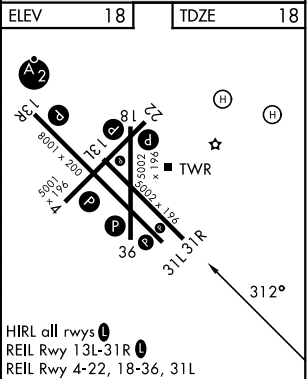
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15° C (5° F) or above 54° C (129° F).

MISSED APPROACH: Climb to 600, then climbing right turn to 2000 direct UBOAT and hold.

ATIS ★	APP CON	NAVY CORPUS TOWER ★	GND CON	ASR/PAR
127.9 290.9	120.9 259.3	134.85 340.2	118.7 257.85	



600	2000	UBOAT	VDP not authorized when using Corpus Christi (CRP) Intl altimeter setting.	4 NM Holding Pattern
VGSI TCH not coincident (45).				
CATEGORY	A	B	C	D
LNAV/VNAV DA	411-1½		393	(400-1½)
LNAV MDA	420-1	402 (500-1)	420-1½	402 (500-1½)
CIRCLING	460-1	480-1	520-1½	580-2
	442 (500-1)	462 (500-1)	502 (600-1½)	562 (600-2)
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING				
LNAV MDA	460-1	442 (500-1)	460-1½	442 (500-1½)
CIRCLING	500-1	482 (500-1)	540-1½	620-2
			522 (600-1½)	602 (700-2)



RNAV (GPS) RWY 31R

VOR/DME or TACAN Y RWY 13R

VORTAC CRP 115.5 Chan 102	APCH CRS 139°	Rwy Idg 8001 TDZE 13 Arpt Elev 18
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[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)



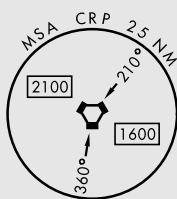
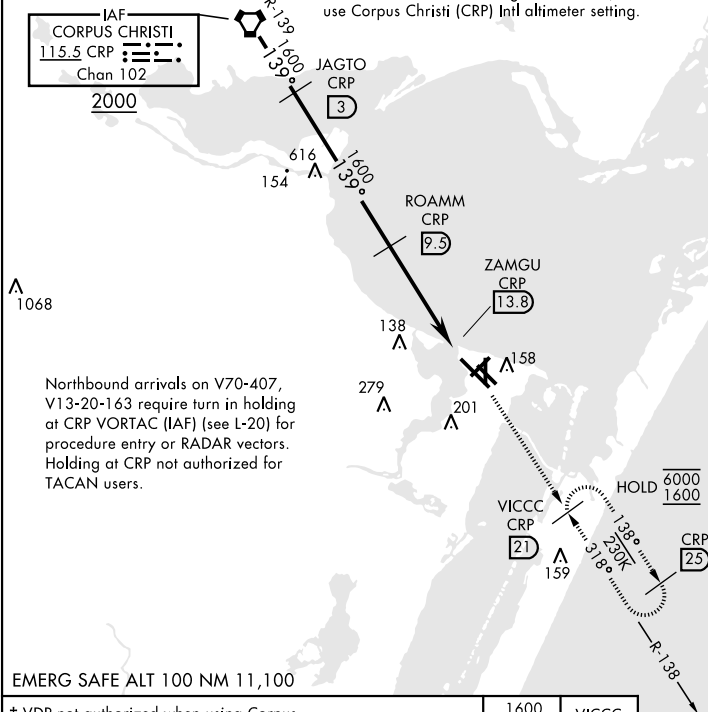
* When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1 1/8 miles.
** When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1 3/8 miles.

SALSF

MISSED APPROACH: Climb to 1600 on CRP VORTAC R-138 to VCCCC and hold.

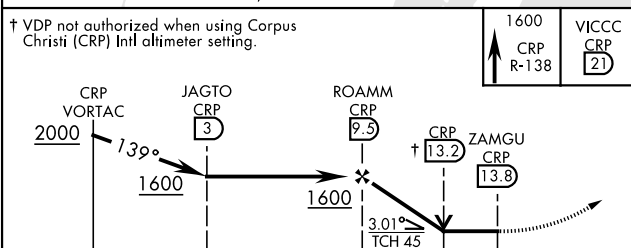
ATIS ★ 127.9 290.9	APP CON 120.9 259.3	NAVY CORPUS TOWER ★ 134.85 340.2	GND CON 118.7 257.85	ASR/PAR
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When local altimeter setting not received,
use Corpus Christi (CRP) Intl altimeter setting.



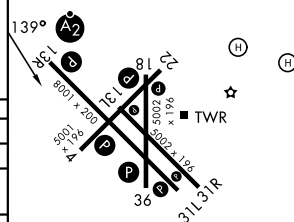
EMERG SAFE ALT 100 NM 11.100

† VDP not authorized when using Corpus Christi (CRP) Intl altimeter setting.



		4.3 NM		0.5	
CATEGORY	A	B	C	D	
S-13R *	420-¾ 407	(500-¾)	420-1 407	(500-1)	
CIRCLING	460-1 442	480-1 462 (500-1)	520-1½ 502 (600-1½)	580-2 562 (600-2)	
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING					
S-13R **	460-¾ 447	(500-1¾)	460-1 447	(500-1)	
CIRCLING	500-1 482	(500-1)	540-1½ 522 (600-1½)	620-2 602 (700-2)	

ELEV	18		TDZE	13
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HIRL all rwys **L**
REIL Rwy 13L-31R **L**
REIL Rwy 4-22, 18-36, 31L

CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdt 2 30NOV23

VOR/DME or TACAN Y RWY 13R

CORPUS CHRISTI, TEXAS

VORTAC CRP <u>115.5</u> Chan 102	APCH CRS 318°	Rwy Idg 8001 TDZE 17 Arpt Elev 18
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[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

When local altimeter setting not received,
use Corpus Christi (CRP) Intl altimeter setting.

MISSED APPROACH: Climb to 600 hdg 318°, then climbing right turn to 1600 to intercept CRP VORTAC R-138 to VCCCC and hold.

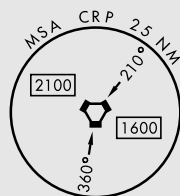
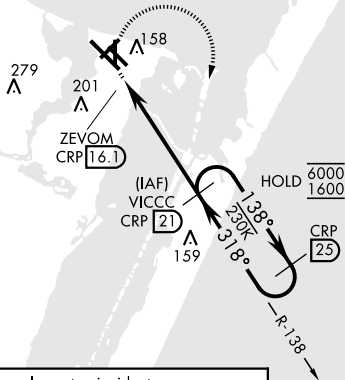
ATIS★ 127.9 290.9	APP CON 120.9 259.3	NAVY CORPUS TOWER★ 134.85 340.2	GND CON 118.7 257.85	ASR/PAR
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CORPUS CHRISTI
15.5 CRP 
Chap 102

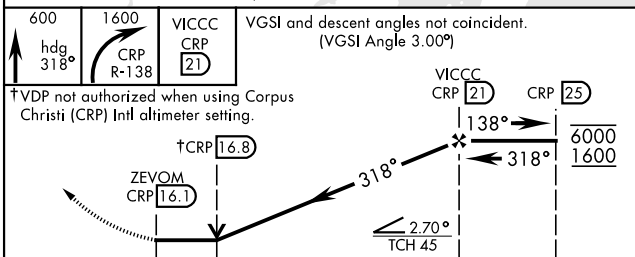


Northbound arrivals on V70-407 and V13-20-163 require turn in holding at CRP VORTAC (See L-20), or RADAR vectors. Holding at CRP not authorized for TACAN users.

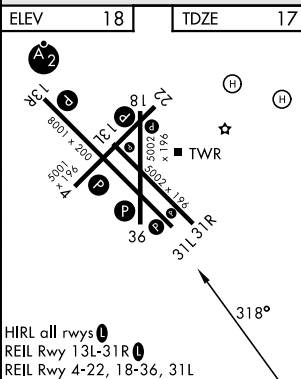
1068



EMERG SAFE ALT 100 NM 11,100



	0.5 NM		4.9 NM					
CATEGORY	A		B		C		D	
S-31L	420-1 403		(500-1)		420-1½ 403		(500-1½)	
CIRCLING	460-1		480-1		520-1½		580-2	
	442	(500-1)	462	(500-1)	502	(600-½)	562	(600-2)
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING								
S-31L	440-1 423		(500-1)		440-1¼ 423		(500-1¼)	
CIRCLING	500-1 482		(500-1)		540-1½		620-2	
					522	(600-½)	602	(700-2)



CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdt 2 30NOV23

VOR/DME or TACAN Y RWY 31L

SC-3, 03 SEP 2026 to 29 OCT 2026

TACAN RWY 18

TACAN NGP
Chan 87

APCH CRS
192°

Rwy Idg 5002
TDZE 18
Arpt Elev 18

[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

When local altimeter setting not received,
use Corpus Christi (CRP) Intl altimeter setting.

MISSED APPROACH: Climb to 1600 direct NGP TACAN and turn
left to intercept R-041 to RYNOL and hold.

ATIS ★
127.9 290.9

APP CON
120.9 259.3

NAVY CORPUS TOWER ★
134.85 340.2

GND CON
118.7 257.85

ASR/PAR

CORPUS CHRISTI
115.5 CRP
Chan 102

(Turn in holding at RYNOL
required for procedure entry.)

Northbound arrivals on V70-407
and V13-20-163 require turn in holding
at CRP VORTAC (See L-20), or RADAR vectors.
Holding at CRP not authorized for
TACAN users.

CAUTION:
Intermediate segment
length 4.3 NM, less than
CAT AB 5.0 NM
CAT CD 6.0 NM.

TRUAX
Chan 87 NGP

EMERG SAFE ALT 100 NM 11,100

1600 NGP R-041

NGP TACAN AHLAB NGP 1.3

DIMMR NGP 5.7

JITRO NGP 10

1600

192°

2.98°

TCH 50

0.5 4.4 NM

CATEGORY	A	B	C	D
S-18	340-1 322 (400-1)			
CIRCLING	460-1 442 (500-1)	480-1 462 (500-1)	520-1½ 502 (600-1½)	580-2 562 (600-2)

CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING

S-18	380-1 362 (400-1)			
CIRCLING	500-1 482 (500-1)	540-1½ 522 (600-1½)	620-2 602 (700-2)	

ELEV 18 TDZE 18

192°

A-2

36

81

121

131

141

151

161

171

181

191

201

211

221

231

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371

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CORPUS CHRISTI, TEXAS

TACAN RWY 36

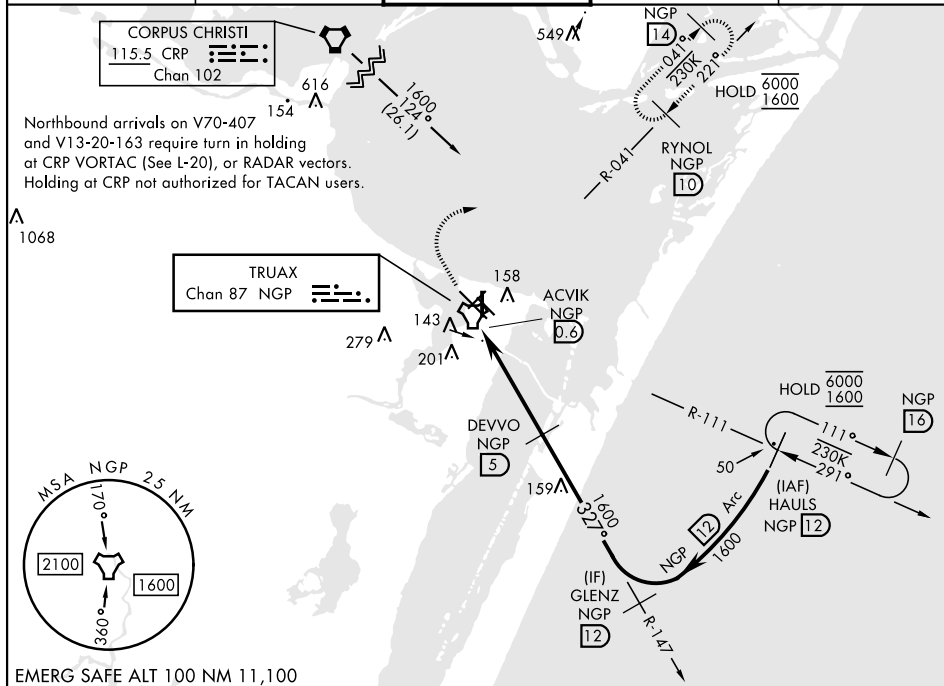
TACAN	NGP	APCH CRS	Rwy Idg	5002
Chan 87		327°	TDZE	18
			Arpt Elev	18

[USN]

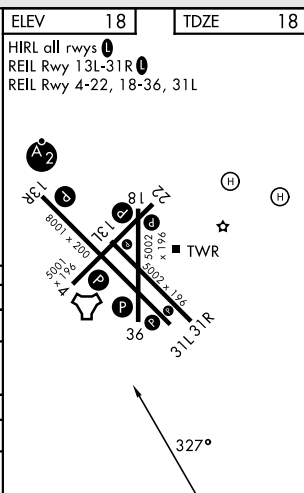
CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

T	When local altimeter setting not received, use Corpus Christi (CRP) Intl altimeter setting.	MISSED APPROACH: Climb to 1600 direct NGP TACAN and turn right to intercept R-041 to RYNOL and hold.
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ATIS ★	APP CON	NAVY CORPUS TOWER ★	GND CON	ASR/PAR
127.9 290.9	120.9 259.3	134.85 340.2	118.7 257.85	



1600	NGP	VDP not authorized when using Corpus Christi (CRP) Intl altimeter setting.	DEVVO NGP 5	GLENZ NGP 12
↑	NGP R-041			
NGP TACAN	ACVIK NGP 0.6	3.01° TCH 50	1600	1600
0.5	4.4 NM			
CATEGORY	A	B	C	D
S-36	400-1 382 (400-1)		400-1 382 (400-1)	
CIRCLING	460-1 442 (500-1)	480-1 462 (500-1)	520-1 502 (600-1)	580-2 562 (600-2)
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING				
S-36	440-1 422 (500-1)		440-1 422 (500-1)	
CIRCLING	500-1 482 (500-1)		522 (600-1)	602 (700-2)



CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdt 2 30NOV23

TACAN RWY 36

SC-3, 03 SEP 2026 to 29 OCT 2026

TACAN X RWY 31L

TACAN NGP Chan 87	APCH CRS 291°	Rwy Idg 8001 TDZE 17 Arpt Elev 18
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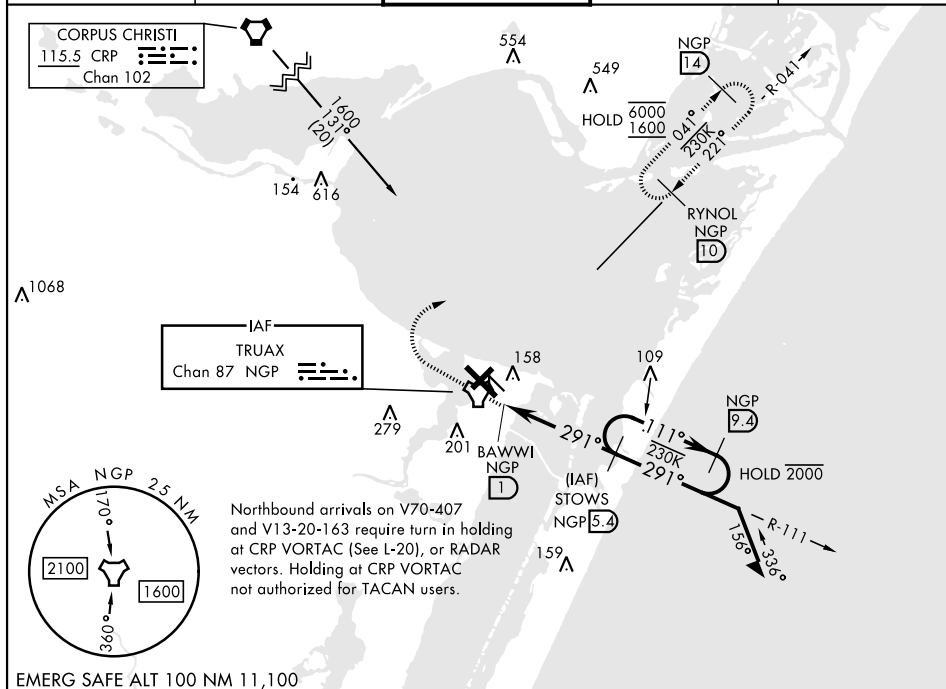
[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

T When local altimeter setting not received, use Corpus Christi (CRP) Intl altimeter setting.

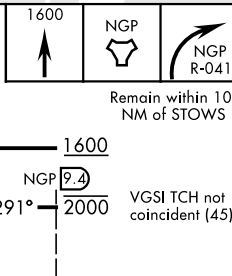
MISSED APPROACH: Climb to 1600 direct NGP TACAN and turn right to intercept R-041 to RYNOL and hold.

ATIS★ 127.9 290.9	APP CON 120.9 259.3	NAVY CORPUS TOWER★ 134.85 340.2	GND CON 118.7 257.85	ASR/PAR
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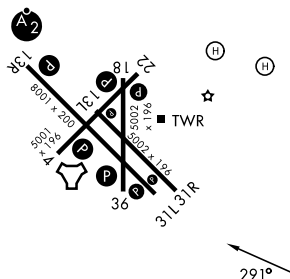


EMERG SAFE ALT 100 NM 11,100

† VDP not authorized when using Corpus Christi (CRP) Intl altimeter setting.



ELEV	18		TDZE	17
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	0.5		4.4 NM		
CATEGORY	A		B	C	D
S-31L	420-1	403 (500-1)	420-1 $\frac{1}{8}$	403 (500-1 $\frac{1}{8}$)	
CIRCLING	460-1	480-1	520-1 $\frac{1}{2}$	580-2	
	442 (500-1)	462 (500-1)	502 (600-1 $\frac{1}{2}$)	562 (600-2)	
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING					
S-31L	460-1	443 (500-1)	460-1 $\frac{3}{8}$	443 (500-1 $\frac{3}{8}$)	
CIRCLING	500-1	482 (500-1)	540-1 $\frac{1}{2}$	620-2	
			522 (600-1 $\frac{1}{2}$)	602 (700-2)	

HIRL all rwys **L**

REIL Rwy 13L-31R **L**
REIL Rwy 4-22, 18-36, 31L

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdt 2 30NOV23

TACAN X RWY 31L

CORPUS CHRISTI, TEXAS

TACAN Z RWY 13R

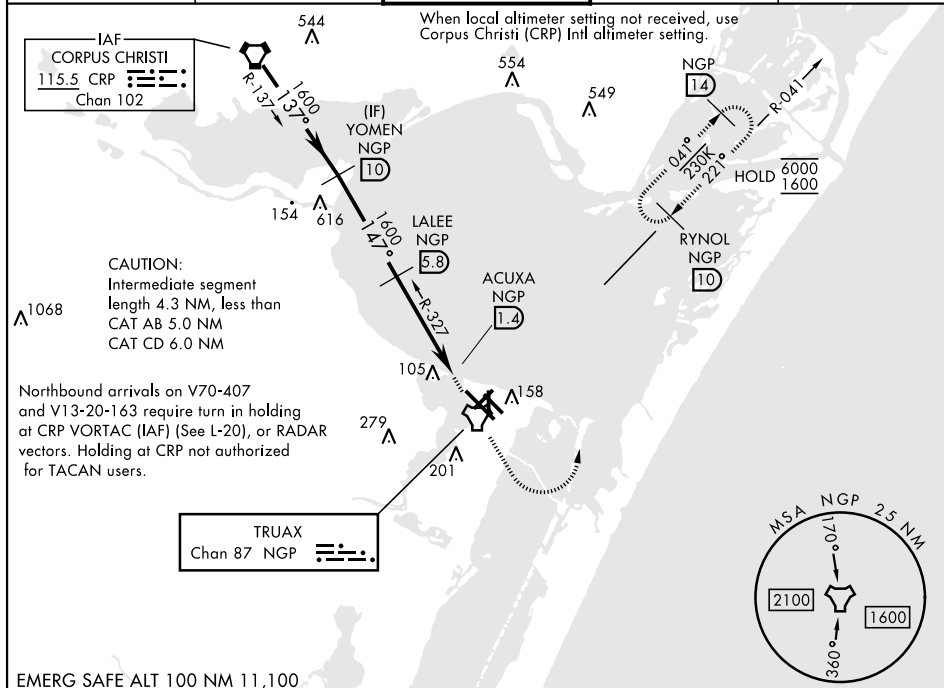
TACAN Chan 87	NGP 147°	APCH CRS 147°	Rwy Idg TDZE Arpt Elev 8001 13 18
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[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

▼ * When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1½ miles.	SALSF A2	MISSED APPROACH: Climb to 1600 direct NGP TACAN and turn left to intercept R-041 to RYNOL and hold.
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ATIS ★ 127.9 290.9	APP CON 120.9 259.3	NAVY CORPUS TOWER ★ 134.85 340.2	GND CON 118.7 257.85	ASR/PAR
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† VDP not authorized when using Corpus Christi (CRP) Intl altimeter				1600 ↑	NGP ↑	NGP R-041 ↶	ELEV 18	TDZE 13			
CRP VORTAC YOMEN NGP 10 LALEE NGP 5.8 137° 147° 1600 1600 1600 2.99° TCH 45 4.4 NM 0.5 ACUXA NGP 1.4 NGP TACAN				147° 800' × 300' 500' 196' × 4 121 131 800' × 300' 500' 196' × 136' 311.3 IR 36 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 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729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000				147° 800' × 300' 500' 196' × 4 121 131 800' × 300' 500' 196' × 136' 311.3 IR 36 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 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CORPUS CHRISTI, TEXAS

27°42'N-97°17'W

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

Amdt 2 30NOV23

TACAN Z RWY 13R

TACAN Z RWY 31L

TACAN	NGP	APCH CRS	Rwy Idg
Chan 87	291°	291°	8001
		TDZE	17
		Arpt Elev	18

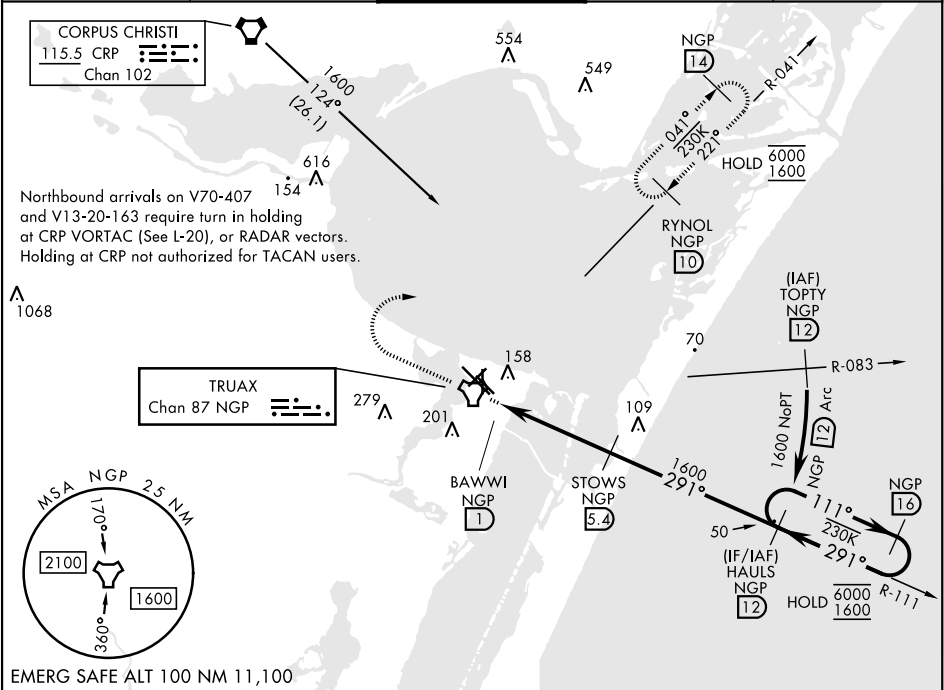
[USN]

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

When local altimeter setting not received, use Corpus Christi (CRP) Intl altimeter setting.

MISSED APPROACH: Climb to 1600 direct NGP TACAN and turn right to intercept R-041 to RYNOL and hold.

ATIS ★	APP CON	NAVY CORPUS TOWER ★	GND CON	ASR/PAR
127.9 290.9	120.9 259.3	134.85 340.2	118.7 257.85	



1600

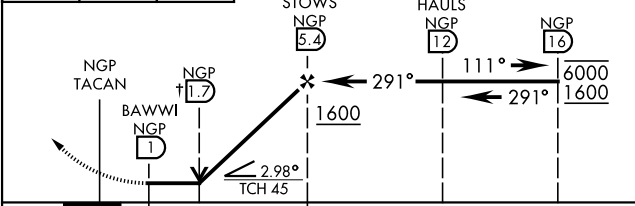
NGP

NGP R-041

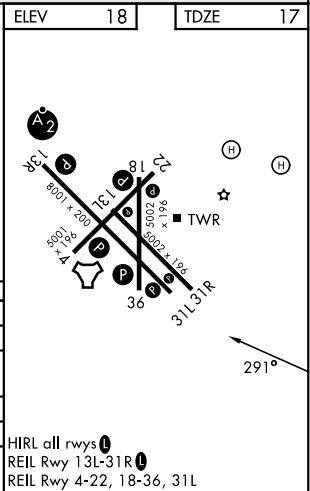
†VDP not authorized when using Corpus Christi (CRP) Intl altimeter setting.

ELEV 18

TDZE 17



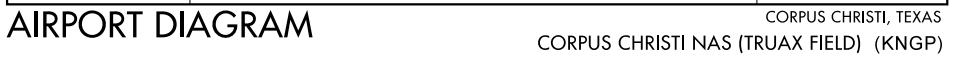
CATEGORY	A	B	C	D
S-31L	420-1 403 (500-1)	420-1½ 403 (500-1½)		
CIRCLING	460-1 442 (500-1)	480-1 462 (500-1)	520-1½ 502 (600-1½)	580-2 562 (600-2)
CORPUS CHRISTI (CRP) INTL ALTIMETER SETTING				
S-31L	460-1 443 (500-1)	460-1½ 443 (500-1½)		
CIRCLING	500-1 482 (500-1)	540-1½ 522 (600-1½)	620-2 602 (700-2)	



TACAN Z RWY 31L

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



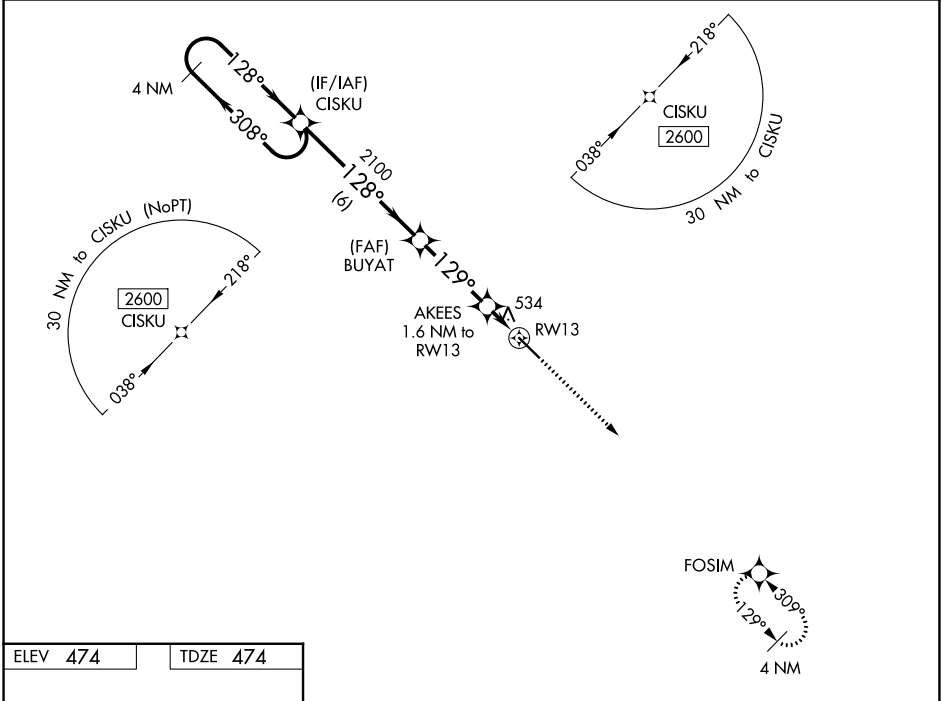
WAAS CH 61236 W13A	APP CRS 129°	Rwy Ldg TDZE 474 Apt Elev 474	6005
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RNAV (GPS) RWY 13

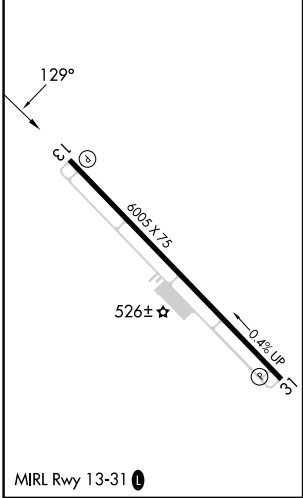
COTULLA-LA SALLE COUNTY (COT)

⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C (23°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 2600 direct FOSIM and hold.
--	---

ASOS 118.325	HOUSTON CENTER 134.6 322.5	UNICOM 122.7 (CTAF) 0
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ELEV 474	TDZE 474
-----------------	-----------------



4 NM Holding Pattern CISKU				2600	FOSIM
BUYAT				2100	
AKEES 1.6 NM to RW13				*0.9 NM to RW13	
GP 3.00° TCH 45				*1020	
				6 NM	3.4 NM
				0.7	0.9
CATEGORY	A	B	C	D	
LPV DA	724-1	250 (300-1)		NA	
LNAV/VNAV DA	724-1	250 (300-1)		NA	
LNAV MDA	800-1	326 (400-1)		NA	
CIRCLING	920-1 446 (500-1)	940-1 466 (500-1)	1120-1¾ 646 (700-1¾)	NA	

WAAS CH 42836 W31A	APP CRS 309°	Rwy Ldg 6005 TDZE 464 Apt Elev 474
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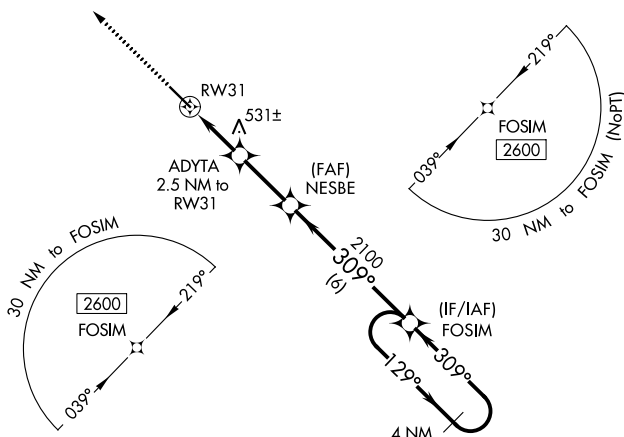
RNAV (GPS) RWY 31
COTULLA-LA SALLE COUNTY (COT)

T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C (23°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2600 direct CISKU and hold.

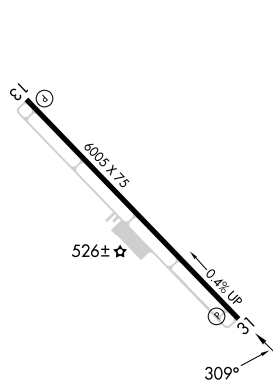
ASOS
118.325

HOUSTON CENTER
134.6 322.5

UNICOM
122.7 (CTAF) **L**

ELEV 474

TDZE 464

MIRL Rwy 13-31 **L**

Amdt 2 18SEP14

28°27'N-99°13'W

COTULLA-LA SALLE COUNTY (COT)
RNAV (GPS) RWY 31

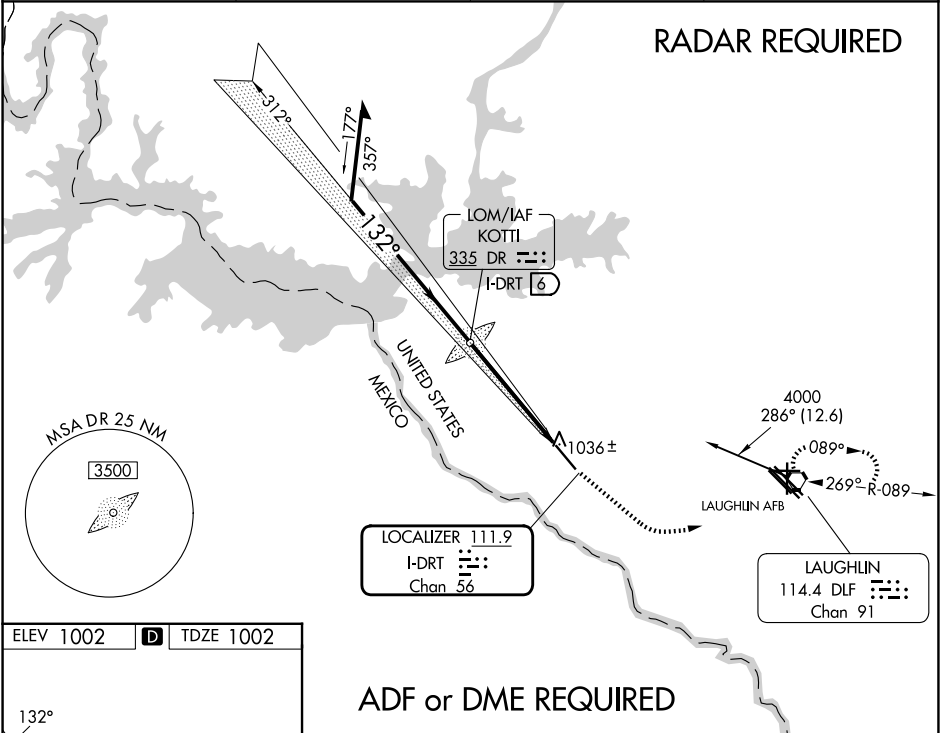
SC-3, 03 SEP 2026 to 29 OCT 2026

LOC I-DRT 111.9 Chan 56	APP CRS 132°	Rwy Ldg TDZE 1002 Apt Elev 1002
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ILS or LOC RWY 13
DEL RIO INTL (DRT)

NA Circling NA for Cat D SW of Rwy 13-31. When local altimeter setting not received, use Laughlin AFB altimeter setting and increase all DAs 30 feet, all MDAs 40 feet, increase S-LOC 13 Cat D and Circling Cats C and D visibility ¼ SM. VDP NA when using Laughlin AFB altimeter setting.	MALS 	MISSED APPROACH: Climb to 2000 via heading 122° then climbing left turn to 4000 direct DLF VORTAC and hold. Continue climb-in-hold to 4000.
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ASOS 118.525	DEL RIO APP CON ★ 119.6 259.1	CLNC DEL 120.5	UNICOM 122.8 (CTAF)
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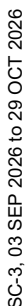
ADF or DME REQUIRED

Remain within 10 NM	DR KOTTI LOM I-DRT 16	2000 hdg 122°	4000	DLF
3200	312°	2673	I-DRT 2.3	I-DRT 1.2
2700	132°	3.7 NM	1.2	
GS 3.00° TCH 48				
CATEGORY	A	B	C	D
S-ILS 13		1202-¾	200 (200-¾)	
S-LOC 13	1420-½	418 (500-½)	1420-¾	418 (500-¾)
CIRCLING	1440-1 438 (500-1)	1560-1 558 (600-1)	1740-2 738 (800-2)	1740-2¼ 738 (800-2¼)

DEL RIO INTL (DRT)
ILS or LOC RWY 13

RNAV (GPS) RWY 13
DEL RIO INTL (DRT)

MISSED APPROACH: Climb to 4000 direct AREXE and on 069° track to DLF VORTAC and hold, continue climb-in-hold to 4000.

UNICOM
122.8 (CTAF) **L**

ROROKY

4000 NM Holding Pattern

JERUL

4000 ← 312°
→ 132°

GP 3.00°
TCH 48

2700

1640

HIBUD
1.9 NM
to RW13

RW13

8.6 NM

3.2 NM

1.9

CATEGORY	A	B	C	D
LPV DA		1252-¾	250 (300-¾)	
LNAV/VNAV DA		1401-1	399 (400-1)	
LNAV MDA		1500-¾ 498 (500-¾)	1500-1½ 498 (500-1½)	
CIRCLING	1500-1 498 (500-1)	1560-1 558 (600-1)	1740-2 738 (800-2)	1740-2¼ 738 (800-2¼)

DEL RIO INTL (DRT)

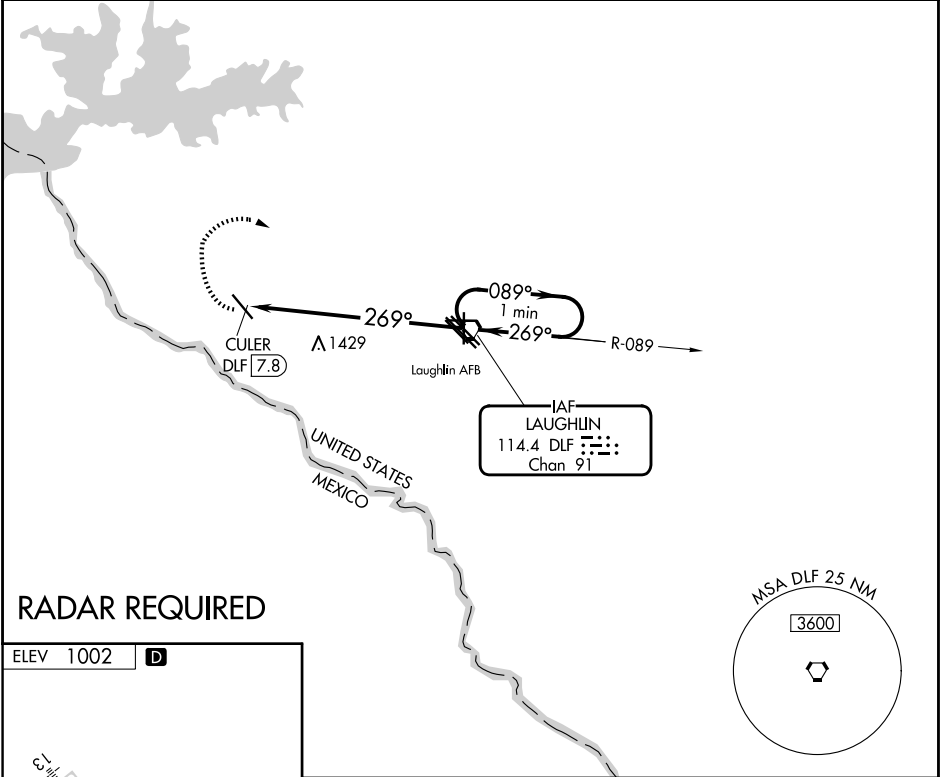
RNAV (GPS) RWY 13

VORTAC DLF 114.4 Chan 91	APP CRS 269°	Rwy Ldg TDZE Apt Elev N/A N/A 1002
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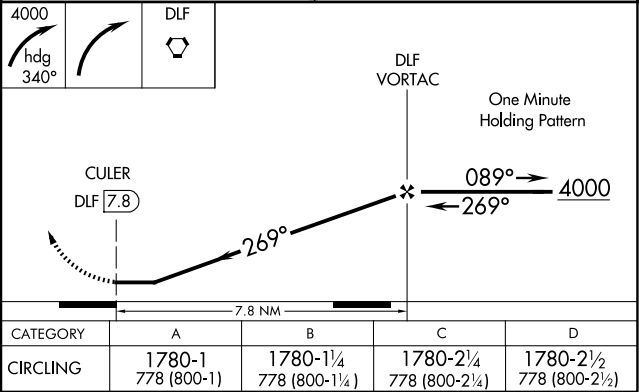
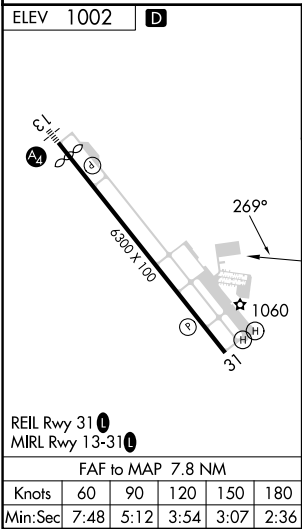
VOR-A
DEL RIO INTL (DRT)

▼ Circling NA for Cat D SW of Rwy 13-31. If local altimeter setting not received, use Laughlin AFB altimeter setting and increase all MDAs 40 feet.	⚠ MISSED APPROACH: Climbing right turn to 4000 via heading 340° then right turn direct DLF VORTAC and hold.
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ASOS 118.525	DEL RIO APP CON * 119.6 259.1	CLNC DEL 120.5	UNICOM 122.8 (CTAF) 0
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RADAR REQUIRED



Rwy Ldg	3399
TDZE	702
Apt Elev	702

RNAV (GPS) RWY 35
DEVINE MUNI (23R)

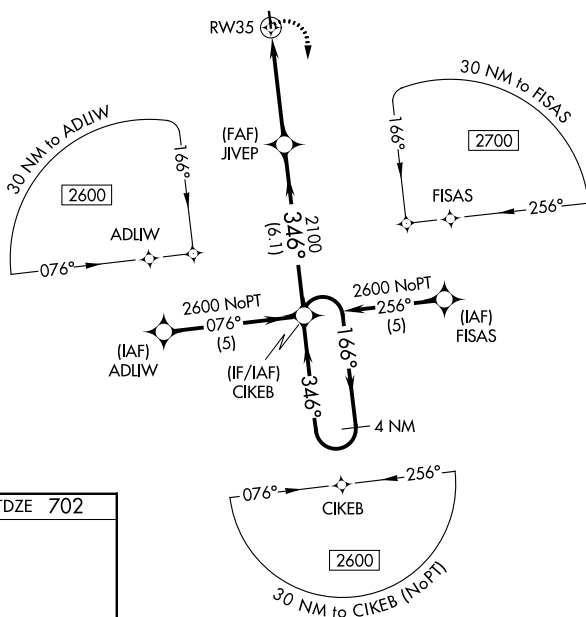
DEVINE MUNI (23R)

T DME/DME RNP-0.3 NA. Use Castroville Muni altimeter setting; when not received, use Hondo Rgnl altimeter setting and increase all MDA 40 feet.
A NA Night landing: Rwy 35 NA. Helicopter visibility below 1 SM NA.

MISSED APPROACH: Climbing right turn to 2600 direct CIKEB and hold.

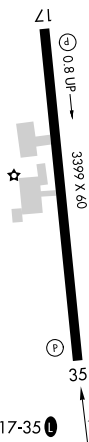
CVB AWOS-3PT
119.25

HOUSTON CENTER
134.95 269.4

CTAF
122.9 **L**

ELEV 702

TDZE 702



DEVINE, TEXAS
Orig-B 17AUG17

29°08'N-98°57'W

DEVINE MUNI (23R)

RNAV (GPS) RWY 35

Visual Segment - Obstacles.

4 NM Holding Pattern

2600

CIKEB

166°

346°

2100

JIVEP

RW35

4.2 NM

6.1 NM

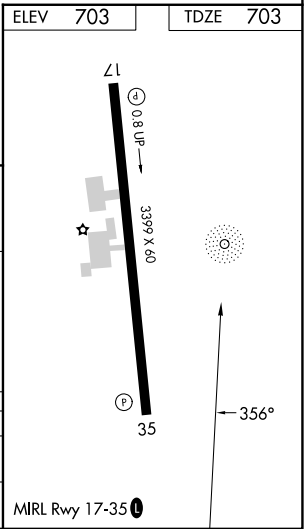
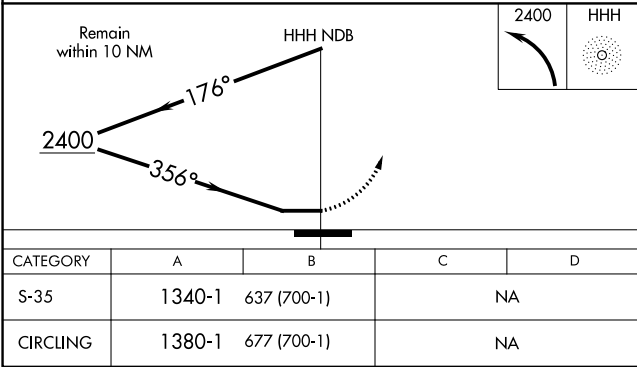
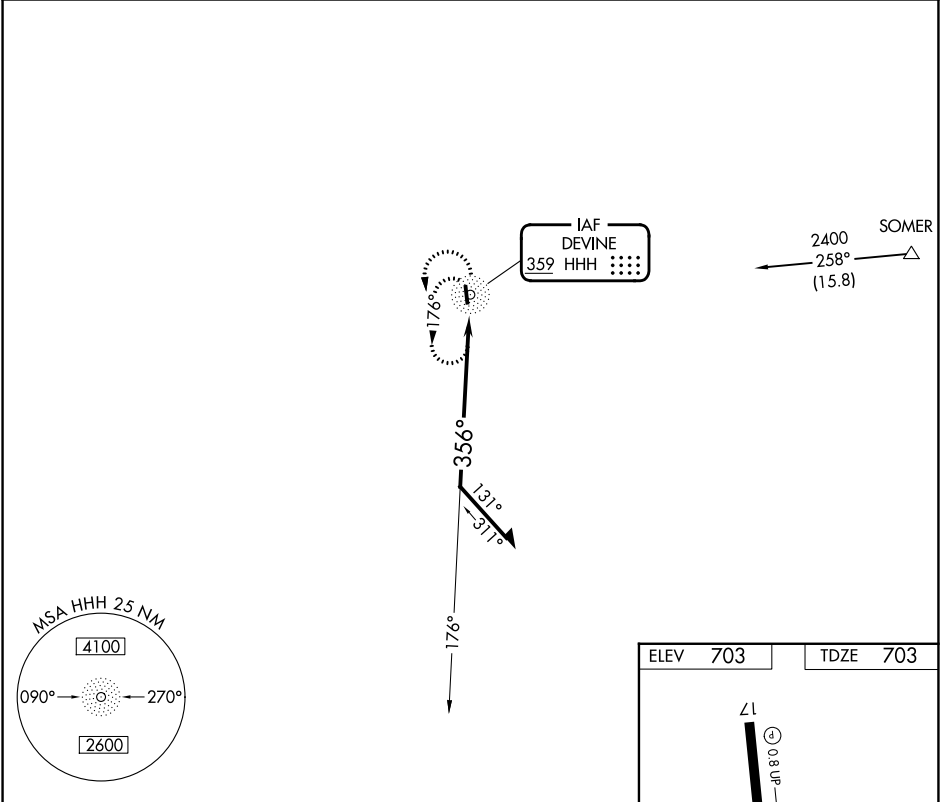
CATEGORY	A	B	C	D
RNAV MDA	1140-1	438 (500-1)	NA	
CIRCLING	1380-1	678 (700-1)	NA	

NDB HHH 359	APP CRS 356°	Rwy Ldg TDZE Apt Elev	3399 703 703
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NDB RWY 35
DEVINE MUNI (23R)

▼ ▲ NA	Use Castroville Muni altimeter setting; when not received, use Hondo Rgnl altimeter setting and increase all MDA 40 feet. Helicopter visibility reduction below 1 SM NA. Night landing: Rwy 35 NA.	MISSED APPROACH: Climbing left turn to 2400 in HHH NDB holding pattern.
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CVB AWOS-3PT 119.25	HOUSTON CENTER 134.95 269.4	CTAF 122.9 0
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SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

EAGLE PASS, TEXAS

AL-126 (FAA)

26134

WAAS CH 65942 W13A	APP CRS 146°	Rwy Ldg TDZE 887 Apt Elev 887
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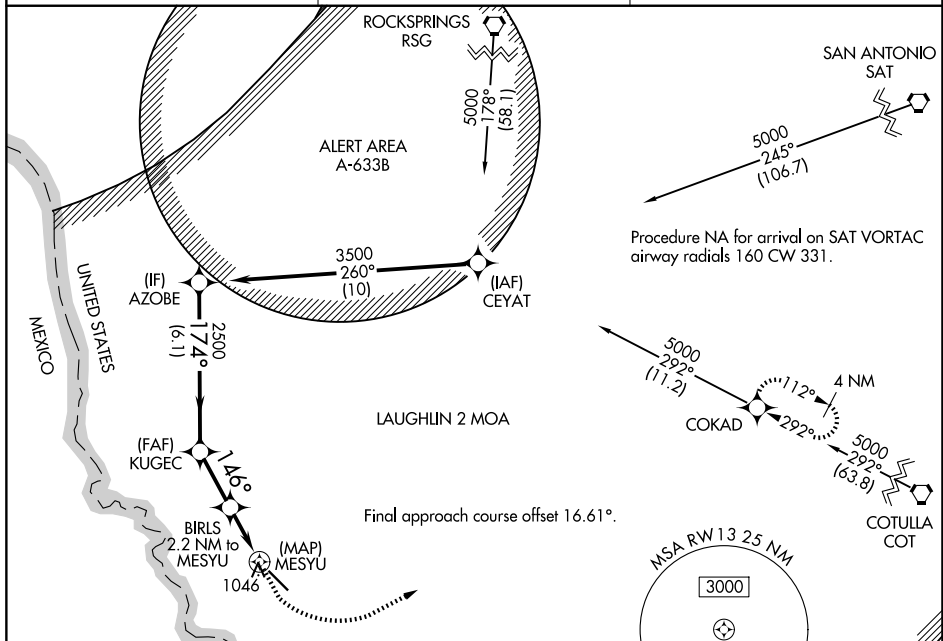
RNAV (GPS) RWY 13

MAVERICK COUNTY MEML INTL (5T9)

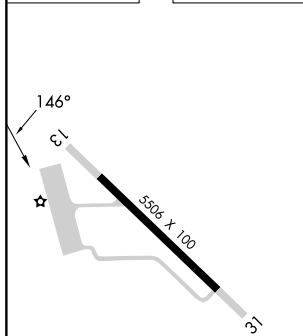
RNP APCH.

MISSED APPROACH: Climb to 1600 then climbing left turn to 4000 direct COKAD and hold.

AWOS-3 119.175	DEL RIO APP CON ★ 127.75 326.2	UNICOM 122.8 (CTAF) 0
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ELEV 887	TDZE 887
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3500	174°	2500	146°	1780
6.1 NM	2.3 NM	1.6 NM	0.6	0.5
CATEGORY	A	B	C	D
LP MDA	1260-1	373 (400-1)	NA	NA
LNAV MDA	1360-1	473 (500-1)	1360-1 $\frac{3}{8}$ 473 (500-1 $\frac{3}{8}$)	NA

MIRL Rwy 13-31 0
EAGLE PASS, TEXAS
Amdt 1C 02JAN20

28°51'N-100°31'W

MAVERICK COUNTY MEML INTL (5T9)
RNAV (GPS) RWY 13

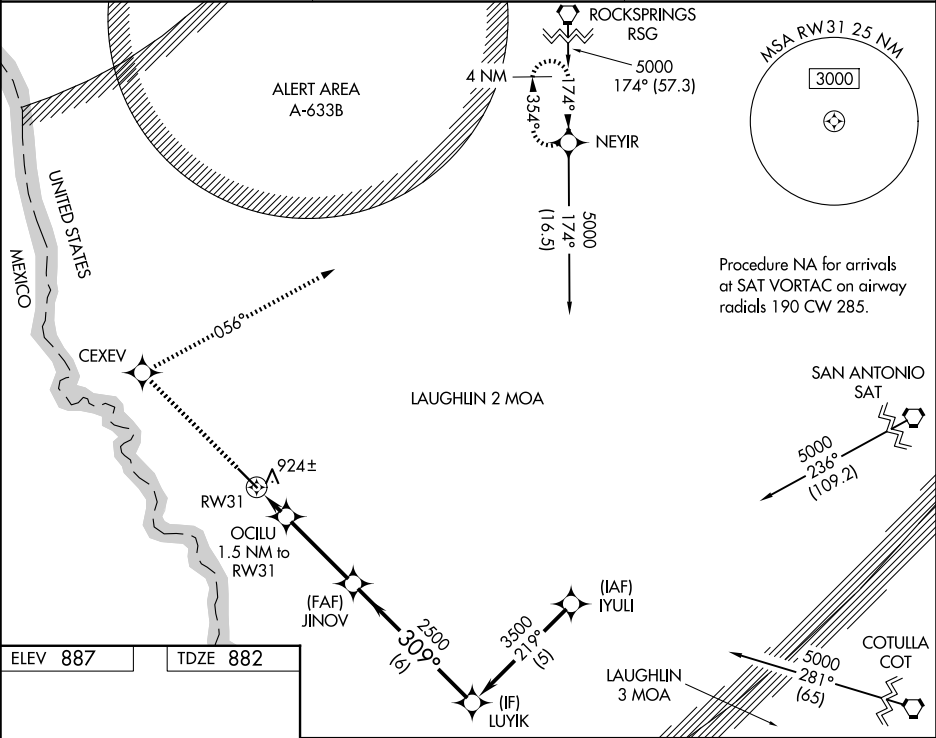
SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 63207 W31A	APP CRS 309°	Rwy Ldg TDZE 882 Apt Elev 887
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RNAV (GPS) RWY 31
MAVERICK COUNTY MEML INTL (5T9)

RNP APCH - GPS.	For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.	MISSED APPROACH: Climb to 4000 direct CEXEV and via 056° track to NEYIR and hold.
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AWOS-3 119.175	DEL RIO APP CON ★ 127.75 326.2	UNICOM 122.8 (CTAF) 0
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ELEV 887		TDZE 882	
4000		CEXEV	NEYIR
↑		tr 056°	
OCILU 1.5 NM to RW31		JINOV	LUYIK
RW31		309°	3500
1.5 NM		3.4 NM	6 NM
CATEGORY	A	B	C
LPV DA	1236-1¼	354 (400-1¼)	NA
LNAV/VNAV DA	1298-1½	416 (500-1½)	NA
LNAV MDA	1280-1	398 (400-1)	1280-1⅛ 398 (400-1⅛)
CIRCLING	1500-1	613 (700-1)	1500-1¾ 613 (700-1¾)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

EDINBURG, TEXAS

AL-10218 (FAA)

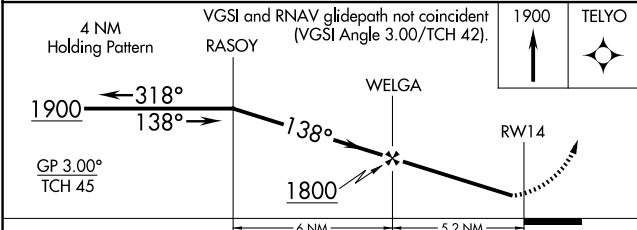
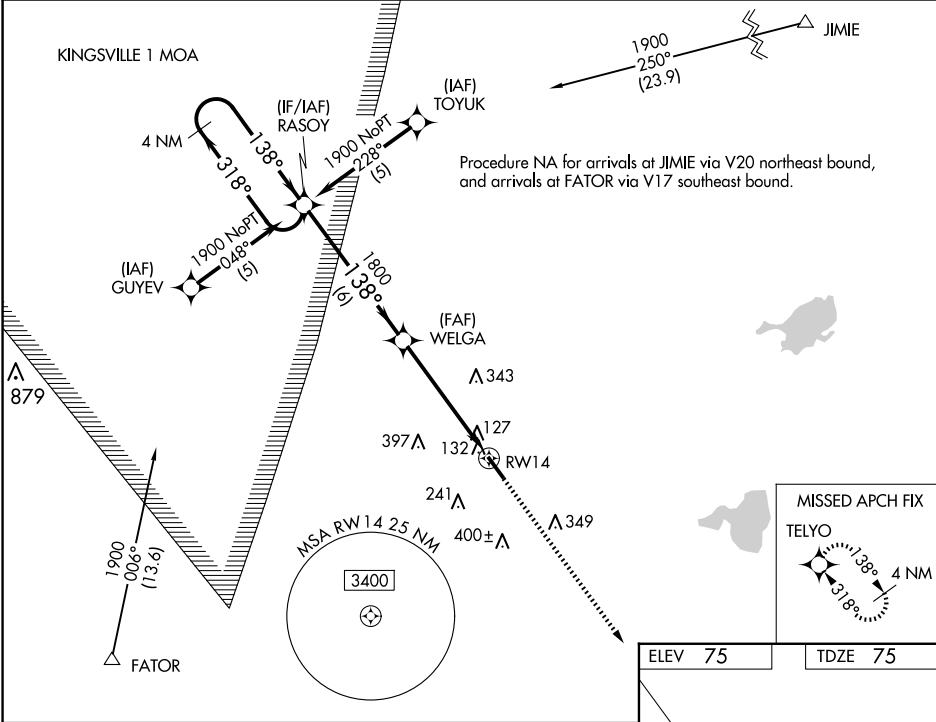
24249

WAAS CH 77901 W14A	APP CRS 138°	Rwy Idg TDZE 75 Apt Elev 75
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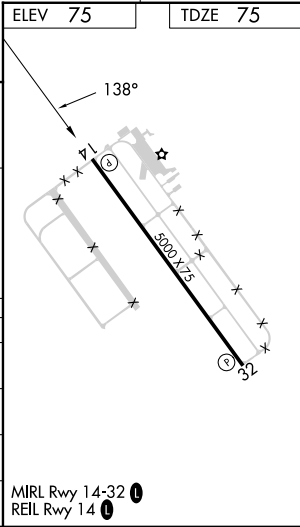
RNAV (GPS) RWY 14
SOUTH TEXAS INTL AT EDINBURG (EBG)

RNP APCH.	MISSED APPROACH: Climb to 1900 direct TELYO and hold.
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AWOS-3PT 118.025	VALLEY APP CON 126.55 377.2	UNICOM 122.8 (CTAF) 0
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CATEGORY	A	B	C	D
LPV DA		325-1	250 (300-1)	
LNAV/VNAV DA		441-1¼	366 (400-1¼)	
LNAV MDA		440-1	365 (400-1)	440-1¼ 365 (400-1¼)
CIRCLING	500-1¼ 425 (500-1¼)	620-1¼ 545 (600-1¼)	760-2 685 (700-2)	760-2¼ 685 (700-2¼)



EDINBURG, TEXAS

Orig-A 22APR21

26°27'N-98°07'W

RNAV (GPS) RWY 14
SOUTH TEXAS INTL AT EDINBURG (EBG)

SC-3, 03 SEP 2026 to 29 OCT 2026

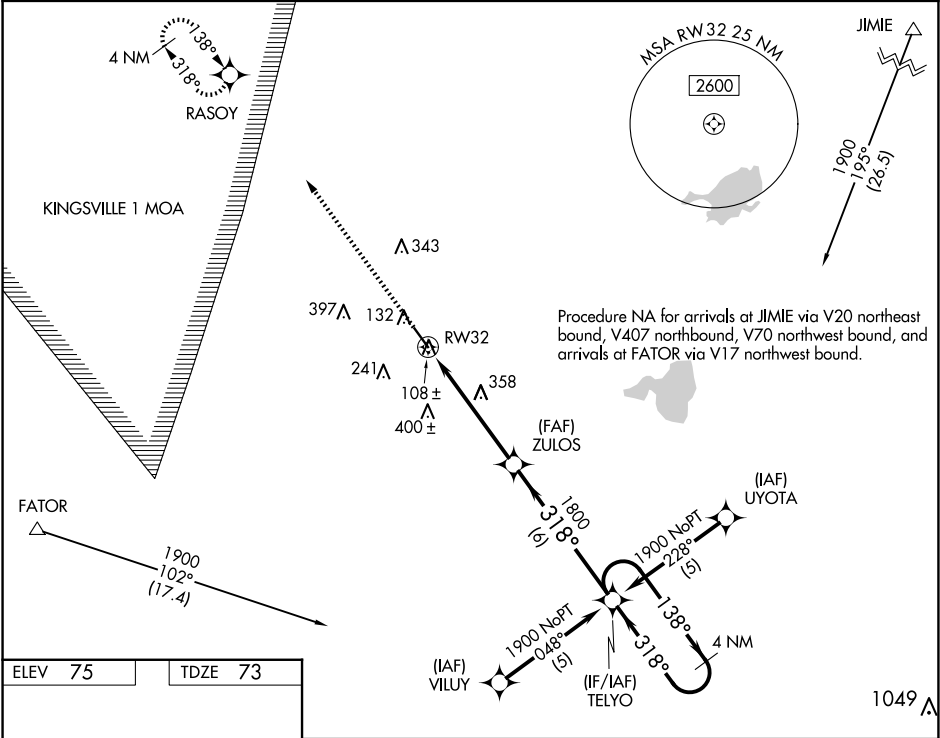
SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 70701 W32A	APP CRS 318°	Rwy Idg 5000 TDZE 73 Apt Elev 75
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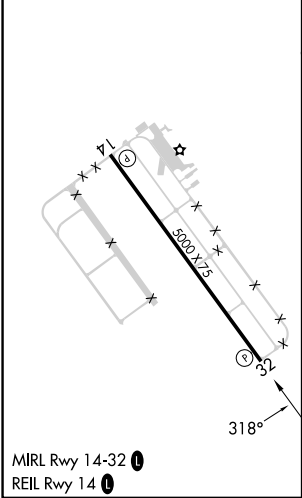
RNAV (GPS) RWY 32
SOUTH TEXAS INTL AT EDINBURG (E.BG)

RNP APCH-GPS.	MISSED APPROACH: Climb to 1900 direct RASOY and hold.
Rwy 32 helicopter visibility reduction below 3/4 SM NA. For uncompensated Baro-VNAV systems LNAV/VNAV NA below -15°C or above 48°C.	

AWOS-3PT 118.025	VALLEY APP CON 126.55 377.2	UNICOM 122.8 (CTAF) 0
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ELEV 75	TDZE 73
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1900	RASOY	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 45).			
			TELYO	4 NM Holding Pattern	
*LNAV only.	*1.8 NM to RW32	ZULOS	138°	1900	GP 3.00° TCH 45
			1800		
	1.8	3.4 NM	6 NM		
CATEGORY	A	B	C	D	
LPV DA	323-3/4	250 (300-3/4)			
LNAV/VNAV DA	361-1	288 (300-1)			
LNAV MDA	660-1	587 (600-1)	660-1 1/2 587 (600-1 1/2)	660-1 3/4 587 (600-1 3/4)	
CIRCLING	660-1	585 (600-1)	760-2 685 (700-2)	760-2 1/4 685 (700-2 1/4)	

EL PASO, TEXAS

AL-134 (FAA)

26134

LOC/DME I-ELP 111.5 Chan 52	APP CRS 222°	Rwy Ldg TDZE 3950 Apt Elev 3962
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ILS or LOC RWY 22

EL PASO INTL (ELP)

RADAR required when R-5103 in use.

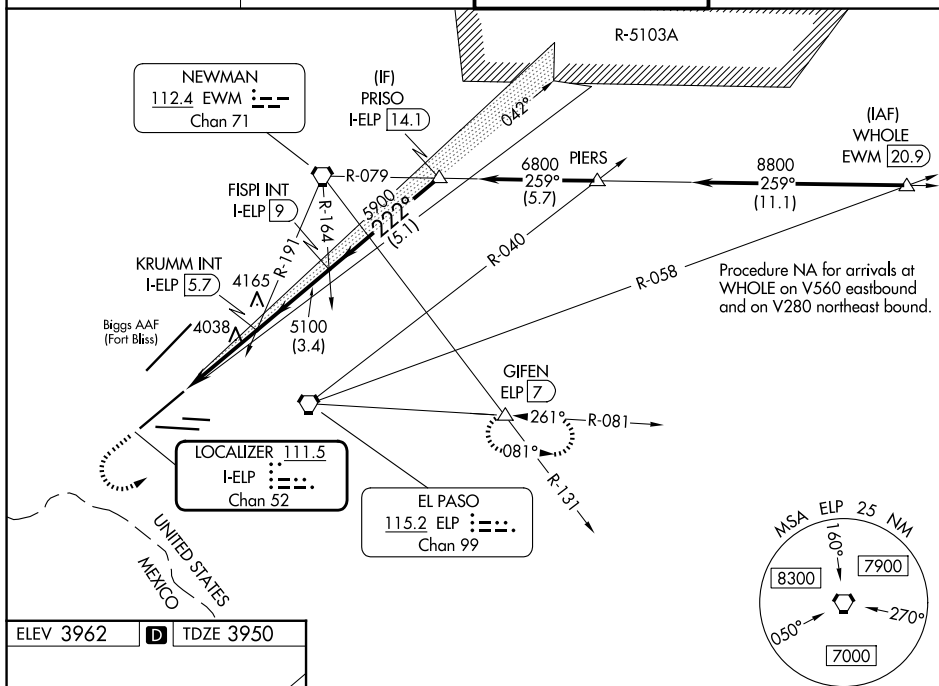
MALSR



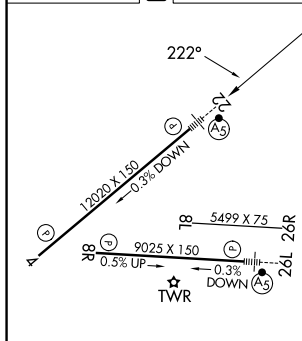
MISSED APPROACH: Climb to 4600 then climbing left turn to 8000 on heading 050° and on ELP VORTAC R-081 to GEFEN INT/ELP 7 DME and hold, continue climb-in-hold to 8000.

⚠ Circling NA for Cat D and E north of Rwy 26R and northwest of Rwy 4. For inop ALS, increase S-ILS 22 Cat E visibility to RVR 4000, S-LOC 22 ASR Cats C/D/E to RVR 5500.

D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6
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ELEV 3962	D	TDZE 3950
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MIRL Rwy 8L-26R
REIL Rws 4 and 8R
HIRL Rws 4-22 and 8R-26L
FAF to MAP 3.4 NM

Knots	60	90	120	150	180
Min:Sec	3:24	2:16	1:42	1:22	1:08

EL PASO, TEXAS

Amdt 33 29DEC22

4600	8000	ELP R-081	GEFEN	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 70).	
Use I-ELP DME when on the localizer course.	I-ELP 3.1	I-ELP 2.2	I-ELP 3.1	I-ELP 2.2	I-ELP 3.1
0.9	2.6 NM	3.4 NM	5.1 NM	6800	5900
CATEGORY	A	B	C	D	E
S-ILS 22	4150/24 200 (200-1/2)				
S-LOC 22	4300/24	350 (400-1/2)	4300/30	350 (400-5/8)	
CIRCLING	4420-1 458 (500-1)	4440-1 478 (500-1)	4480-1 1/2 518 (600-1 1/2)	4680-2 1/4 718 (800-2 1/4)	4700-2 1/2 738 (800-2 1/2)

EL PASO INTL (ELP)

ILS or LOC RWY 22

31°48'N-106°23'W

SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	9025
085°	TDZE	3940
	Apt Elev	3962

RNAV (RNP) X RWY 8R

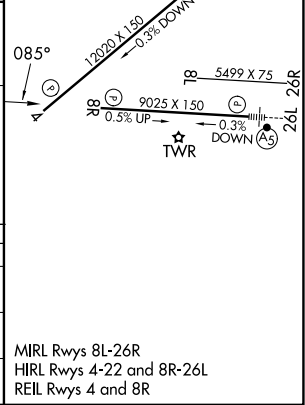
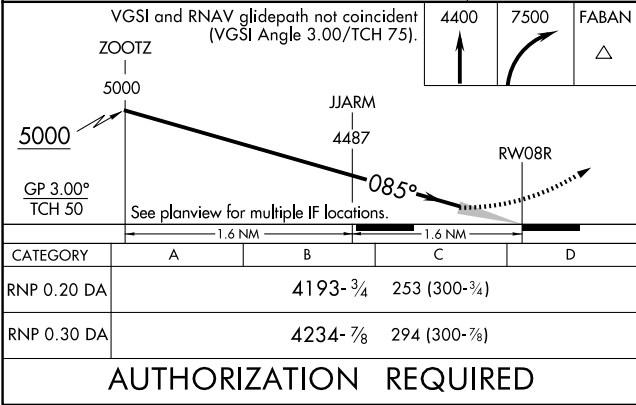
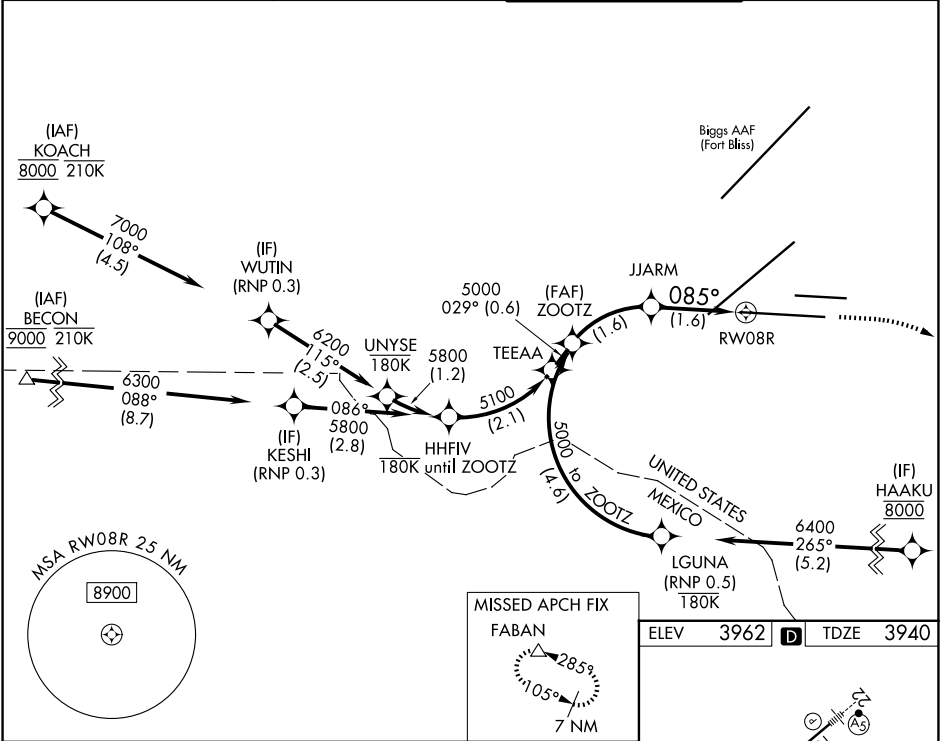
EL PASO INTL (ELP)

RNP AR APCH.
RF required.

 For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C.

MISSED APPROACH: Climb to 4400 then climbing right turn to 7500 direct FABAN and hold.

D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6
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EL PASO, TEXAS

AL-134 (FAA)

26134

APP CRS	Rwy Ldg	12020
042°	TDZE	3923
	Apt Elev	3962

RNAV (RNP) Y RWY 4

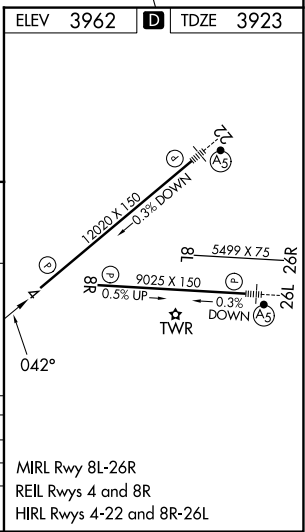
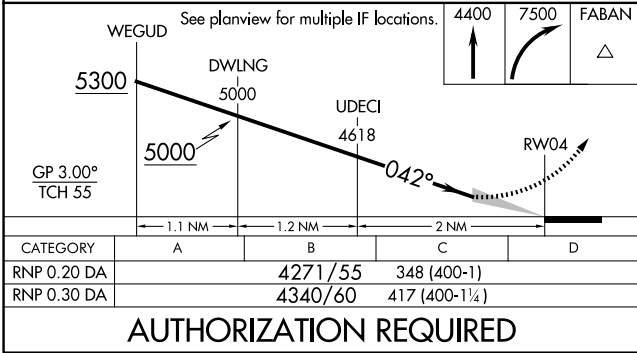
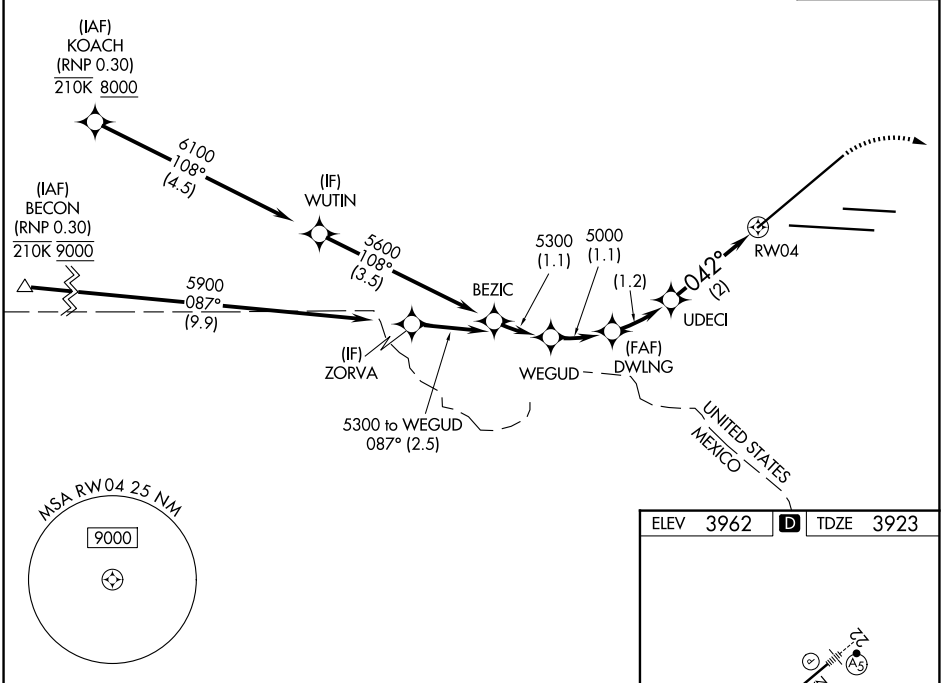
EL PASO INTL (ELP)

RNP AR APCH. RF required.

▼ For uncompensated Baro-VNAV systems, procedure NA below -22°C or above 54°C.

MISSED APPROACH: Climb to 4400 then climbing right turn to 7500 direct FABAN and hold.

D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6
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EL PASO, TEXAS

Orig-F 26MAR20

31°48'N-106°23'W

RNAV (RNP) Y RWY 4

EL PASO INTL (ELP)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

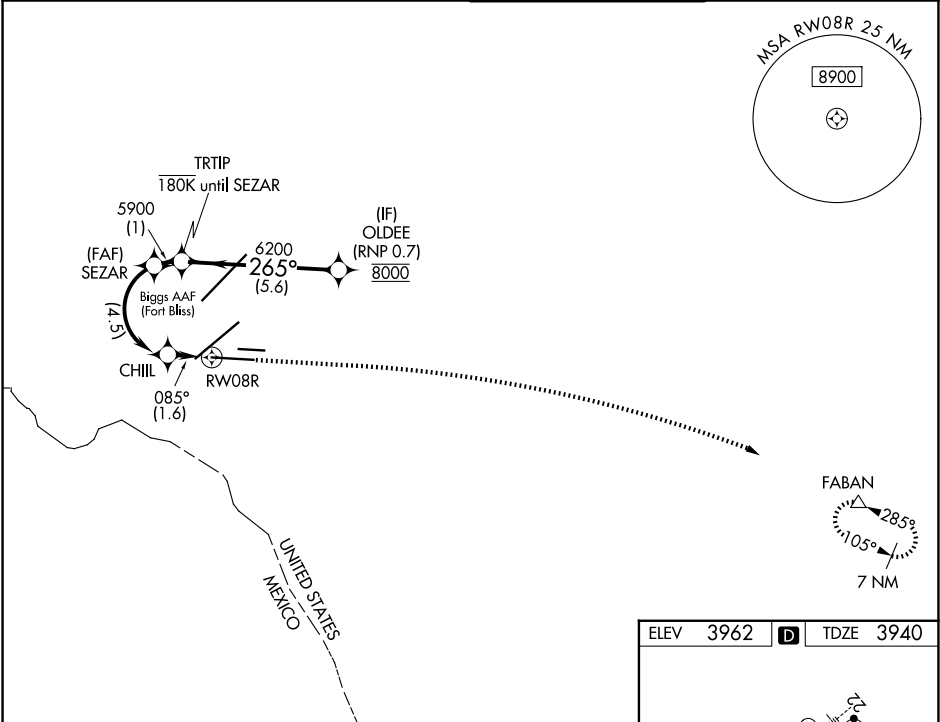
APP CRS	Rwy Ldg	9025
085°	TDZE	3940
	Apt Elev	3962

RNAV (RNP) Y RWY 8R

EL PASO INTL (ELP)

RNP AR APCH. RF required.	MISSED APPROACH: Climb to 4400 then climbing right turn to 7500 direct FABAN and hold.
ASR For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C.	

D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6
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VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 75).					4400 ↑	7500 ↗	FABAN △
OLDEE	TRTIP				SEZAR	CHIL	
8000	265°				5900	4477	RW08R
GP 3.00° TCH 50	6200				5900	085°	
5.6 NM					1 NM	4.5 NM	1.6 NM
CATEGORY	A		B		C		D
RNP 0.20 DA			4193-¾		253 (300-¾)		
RNP 0.30 DA			4234-⅞		294 (300-⅞)		
AUTHORIZATION REQUIRED							

085°

12020 X 150
0.3% DOWN

5499 X 75
0.3% DOWN

9025 X 150
0.5% UP

0.3% DOWN

TWR

MIRL Rwy 8L-26R
HIRL Rwy 4-22 and 8R-26L
REIL Rwy 4 and 8R

EL PASO, TEXAS

AL-134 (FAA)

26134

APP CRS	Rwy Ldg	12020
042°	TDZE	3923
	Apt Elev	3962

RNAV (RNP) Z RWY 4

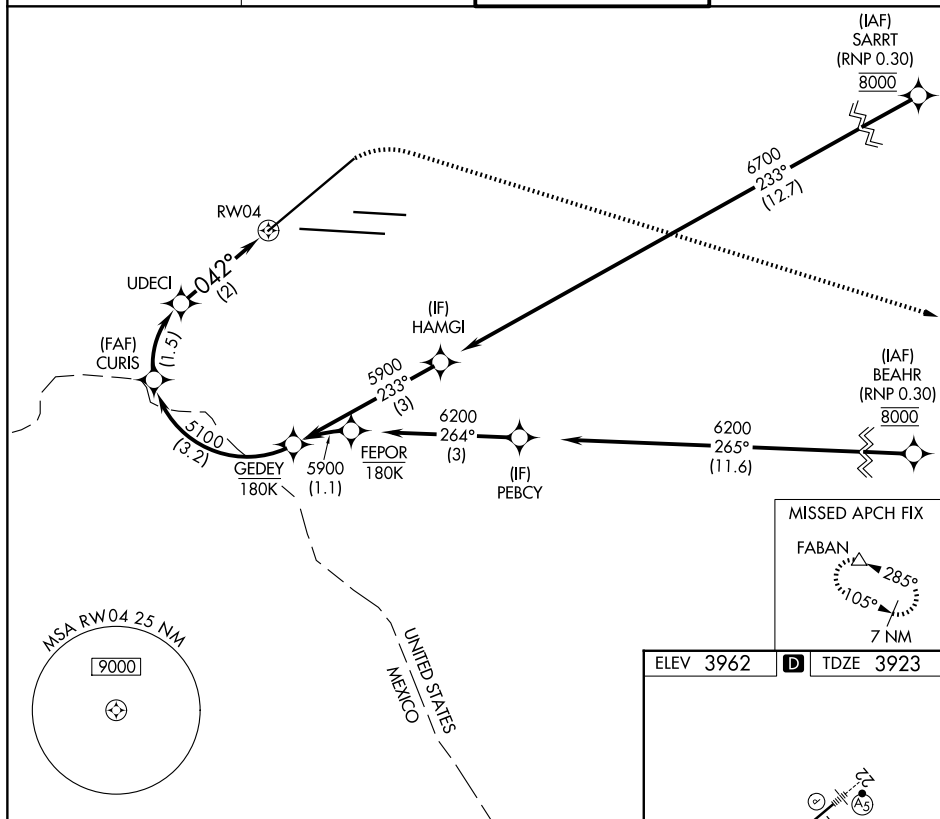
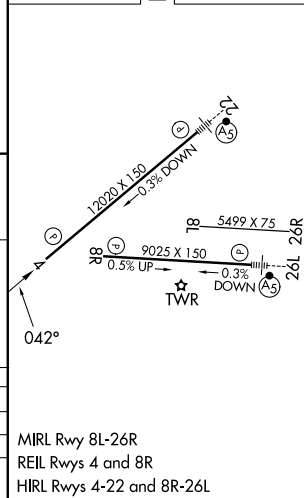
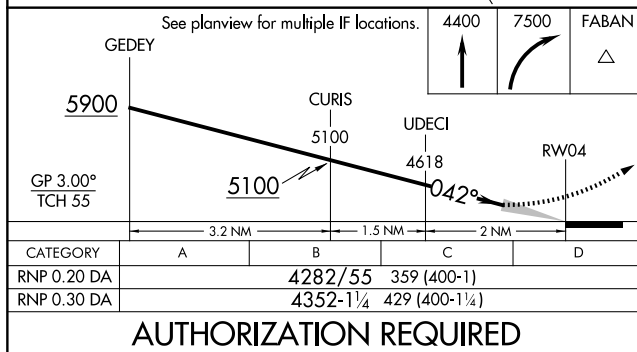
EL PASO INTL (ELP)

RNP AR APCH. RF required.

ASR For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C.

MISSED APPROACH: Climb to 4400 then climbing right turn to 7500 direct FABAN and hold.

D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6
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ELEV 3962 **D** TDZE 3923

EL PASO, TEXAS

Orig-E 26MAR20

EL PASO INTL (ELP)

31°48'N-106°23'W

RNAV (RNP) Z RWY 4

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

EL PASO, TEXAS

AL-134 (FAA)

26134

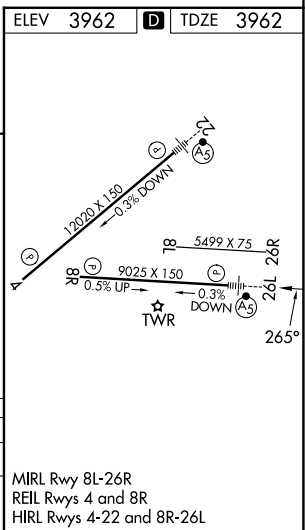
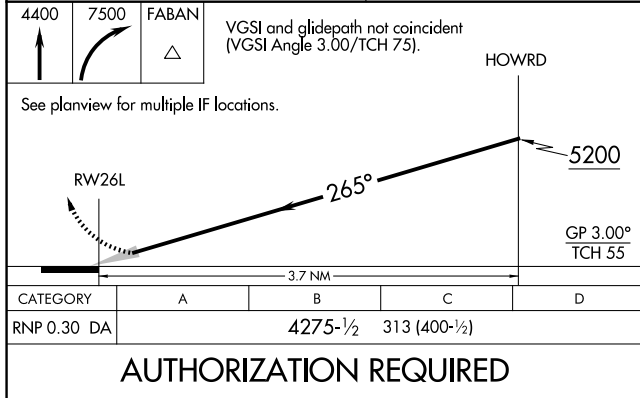
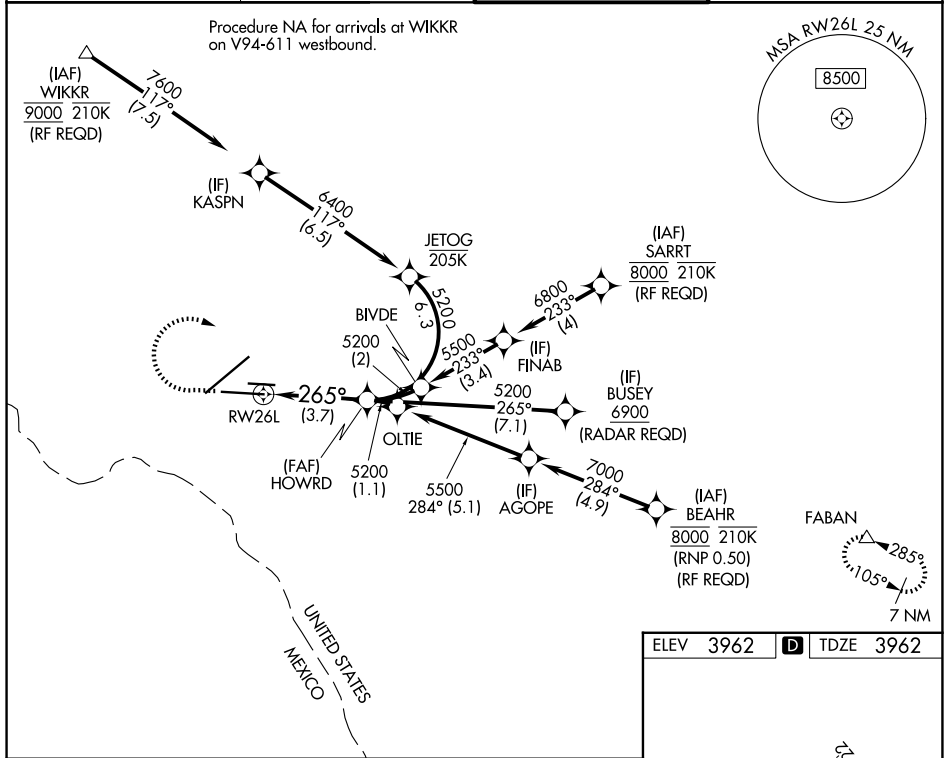
APP CRS 265°	Rwy Ldg TDZE Apt Elev	9025 3962 3962
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RNAV (RNP) Z RWY 26L

EL PASO INTL (ELP)

ASR For uncompensated Baro-VNAV systems, procedure NA below -8°C (18°F) or above 50°C (122°F). For inop MALS, increase RNP 0.30 visibility all Cats to 1 mile. GPS required.	MALS 	MISSED APPROACH: Climb to 4400, then climbing right turn to 7500 direct FABAN and hold.
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D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6
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EL PASO, TEXAS
Amdt 1A 16OCT14

31°48'N-106°23'W

EL PASO INTL (ELP)
RNAV (RNP) Z RWY 26L

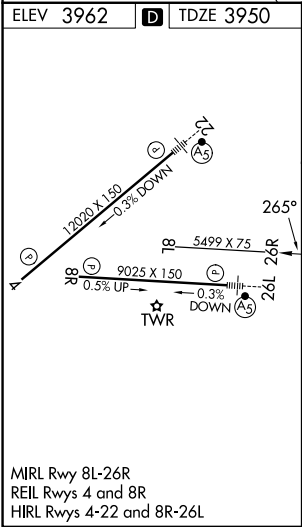
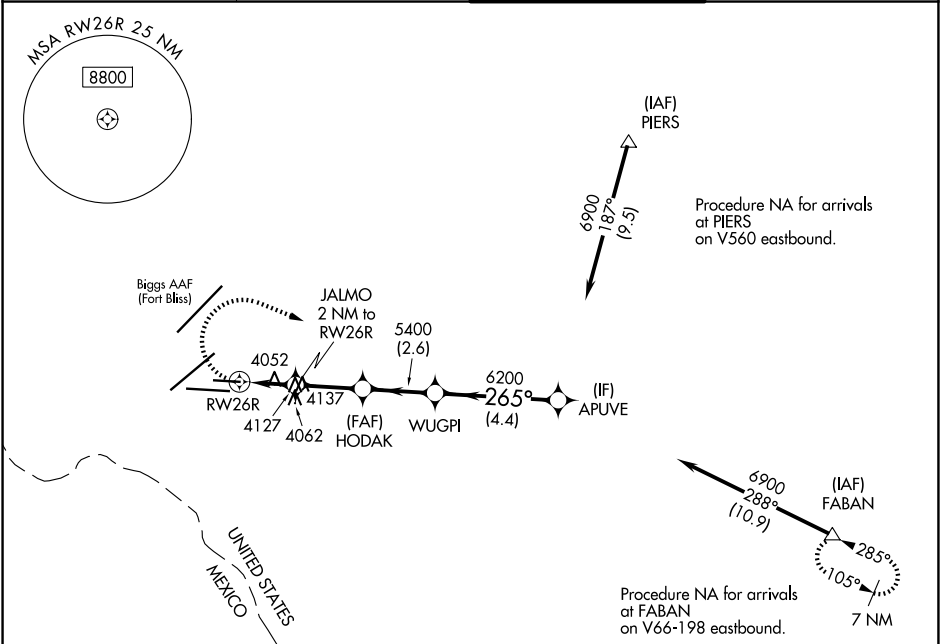
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	5499
265°	TDZE	3950
	Apt Elev	3962

RNAV (GPS) RWY 26R
EL PASO INTL (ELP)

RNP APCH-GPS		MISSED APPROACH: Climbing right turn 7500 direct FABAN and hold.	
Circling NA for Cat D north of Rwy 26R and northwest of Rwy 4. Rwy 26R helicopter visibility reduction below ¾ SM NA.			
D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6



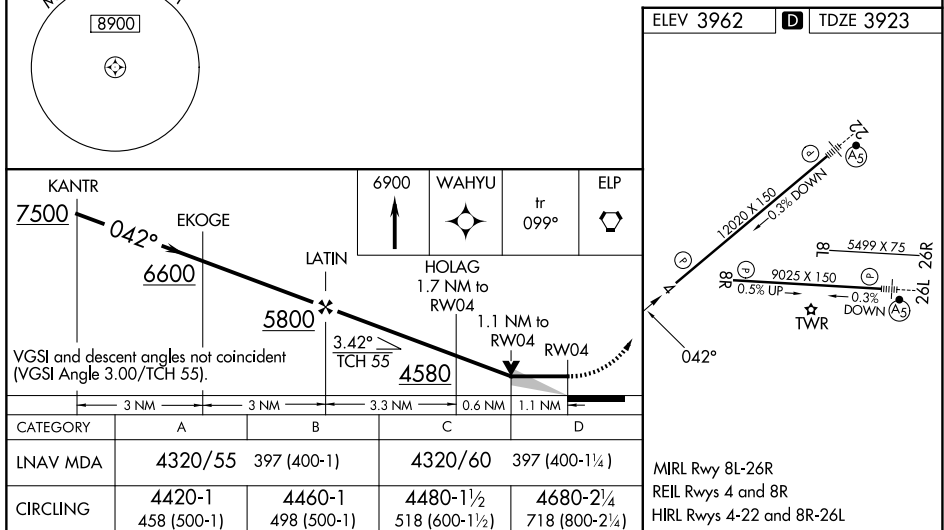
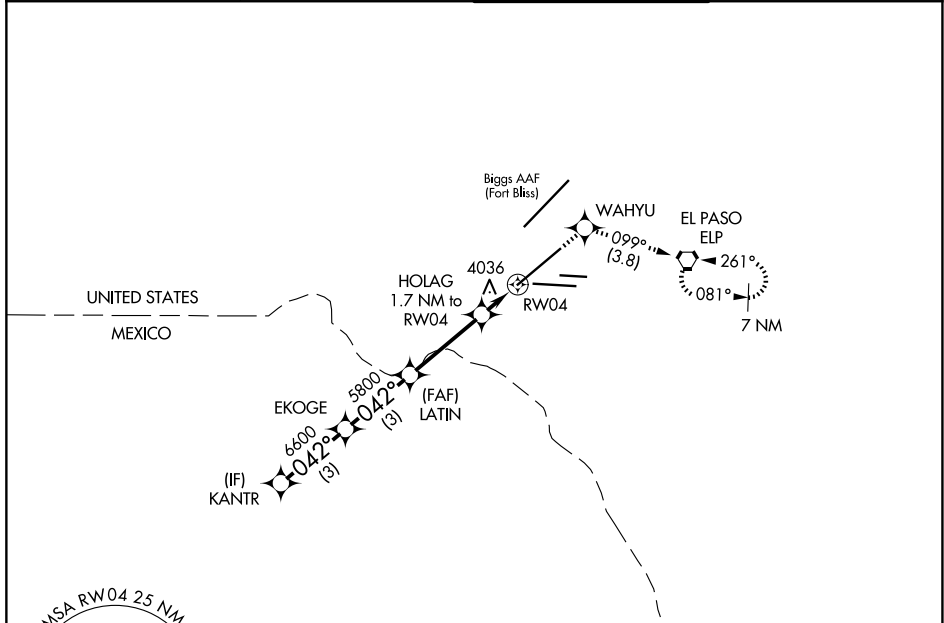
7500 FABAN		JALMO 2 NM to RWY 26R		WUGPI		APUVE	
1.3 NM to RWY 26R		HODAK		6200		6900	
1.3 NM		0.7		2.4 NM		2.6 NM	
CATEGORY		A		B		C	
LNAV MDA		4400-1		450 (500-1)		4400-1 3/8	
CIRCLING		4420-1		4440-1		4480-1 1/2	
		458 (500-1)		478 (500-1)		518 (600-1 1/2)	
						4680-2 1/4	
						718 (800-2 1/4)	

APP CRS 042°	Rwy Ldg TDZE Apt Elev 12020 3923 3962
------------------------	---

RNAV (GPS) X RWY 4

EL PASO INTL (ELP)

RNP APCH-GPS. CIRCLING NA for Cat D north of Rwy 26R and northwest of Rwy 4. ASR		MISSED APPROACH: Climb to 6900 direct WAHYU and on track 099° to ELP VORTAC and hold, continue climb-in-hold to 6900.	
D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6



WAAS CH 78244 W22A	APP CRS 222°	Rwy Ldg TDZE 3950 Apt Elev 3962
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RNAV (GPS) Y RWY 22

EL PASO INTL (ELP)

RNP APCH - GPS.

▼

ASR

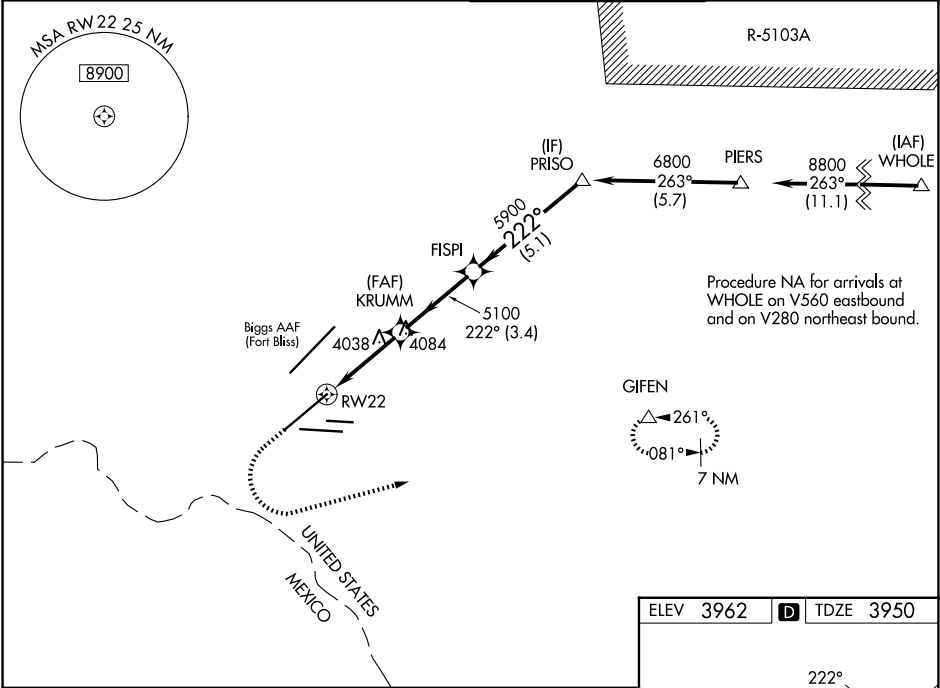
Circling NA for Cat D north of Rwy 26R and northwest of Rwy 4. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C or above 54°C. For inop ALS increase LNAV/VNAV Cats A/B/C visibility to RVR 4000, Cat D visibility to RVR 4500 and LNAV Cat C/D visibility to RVR 5500.

MALSR

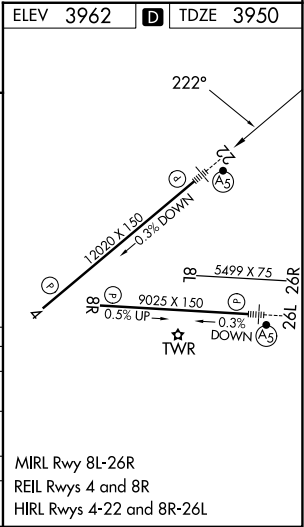
AS

MISSED APPROACH: Climb to 4600 then climbing left turn to 8000 direct GIFEN and hold, continue climb-in-hold to 8000.

D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6
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4600	8000	GIFEN	VGSJ and RNAV glidepath not coincident (VGSJ Angle 3.00/TCH 70).	
			PRISO	
			6800	
			222°	
			5900	
			5100	
			GP 3.00° TCH 55	
			0.9 NM to RW22	
			0.9	
			2.6 NM	
			3.4 NM	
			5.1 NM	
CATEGORY	A	B	C	D
LPV DA	4150/24 200 (200-½)			
LNAV/ VNAV DA	4200/24 250 (300-½)			4221/24 271 (300-½)
LNAV MDA	4300/24	350 (400-½)	4300/30	350 (400-¾)
CIRCLING	4420-1 458 (500-1)	4440-1 478 (500-1)	4480-1½ 518 (600-1½)	4680-2¼ 718 (800-2¼)



EL PASO INTL (ELP)

RNAV (GPS) Y RWY 22

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

EL PASO, TEXAS

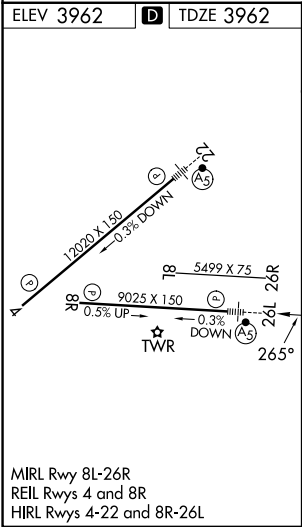
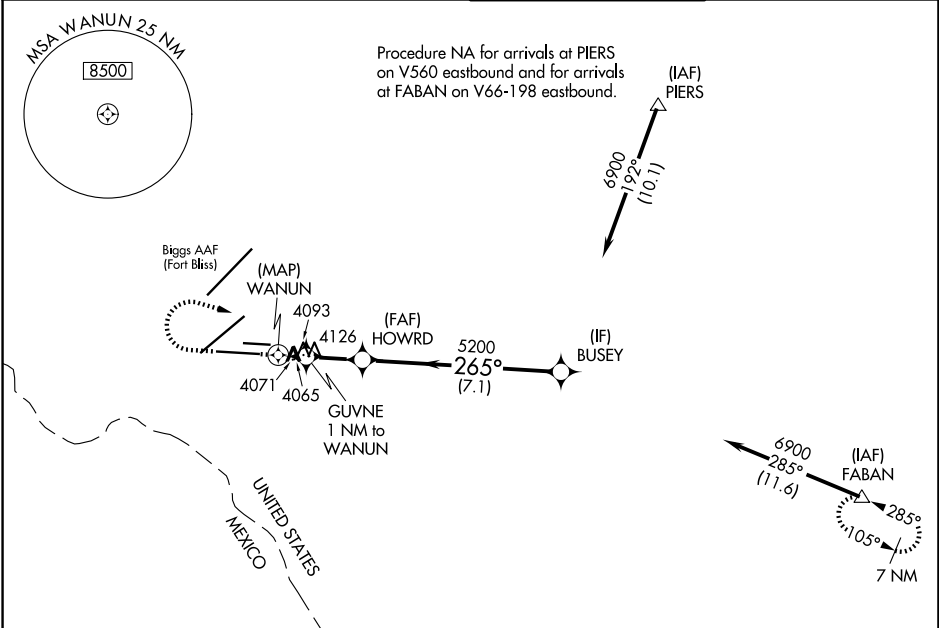
AL-134 (FAA)

26134

WAAS CH 40223 W26A	APP CRS 265°	Rwy Ldg TDZE Apt Elev	9025 3962 3962
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RNAV (GPS) Y RWY 26L
EL PASO INTL (ELP)

RNP APCH-GPS. ⚠ Circling NA for Cat D west of Rwy 4-22. For inop ALS, increase LP and LNAV Cat A/B visibility to 1 SM, and Cat C/D to 1½ SM. ASR		MALSR ⚠	MISSED APPROACH: Climb to 4380 then climbing right turn to 7500 direct FABAN and hold.
D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6



4380	7500	FABAN	VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 75).			
CATEGORY		A	B	C	D	
LP	MDA	4380-¾ 418 (500-¾)				
LNAV	MDA	4380-¾ 418 (500-¾)				
CIRCLING		4420-1 458 (500-1)	4440-1 478 (500-1)	4480-1½ 518 (600-1½)	4680-2¼ 718 (800-2¼)	

EL PASO, TEXAS
Amdt 1D 06OCT22

31°48'N-106°23'W

EL PASO INTL (ELP)
RNAV (GPS) Y RWY 26L

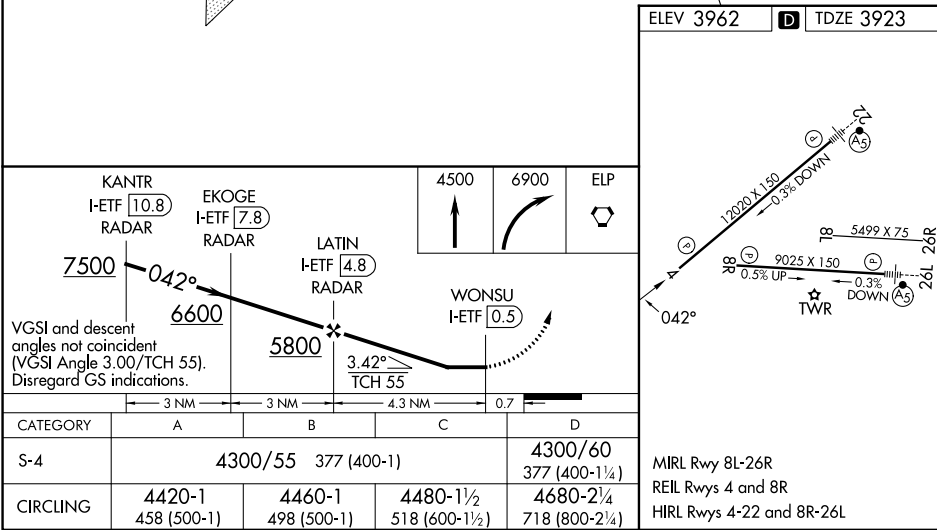
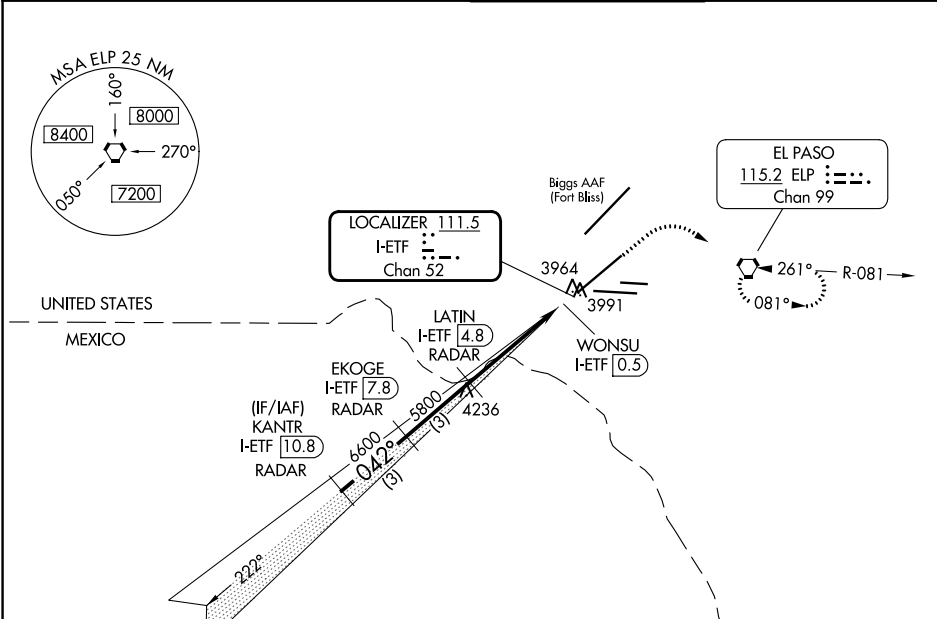
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-ETF 111.5 Chan 52	APP CRS 042°	Rwy Ldg TDZE 3923 Apt Elev 3962
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LOC/DME RWY 4
EL PASO INTL (ELP)

RADAR required for procedure entry.		MISSED APPROACH: Climb to 4500 then climbing right turn to 6900 direct ELP VORTAC and hold, continue climb-in-hold to 6900.	
Circling NA for Cat D north of Rwy 26R and northwest of Rwy 4.			
D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

EL PASO, TEXAS

AL-134 (FAA)

26134

VORTAC ELP	APP CRS	Rwy Ldg	9025
115.2	245°	TDZE	3962
Chan 99		Apt Elev	3962

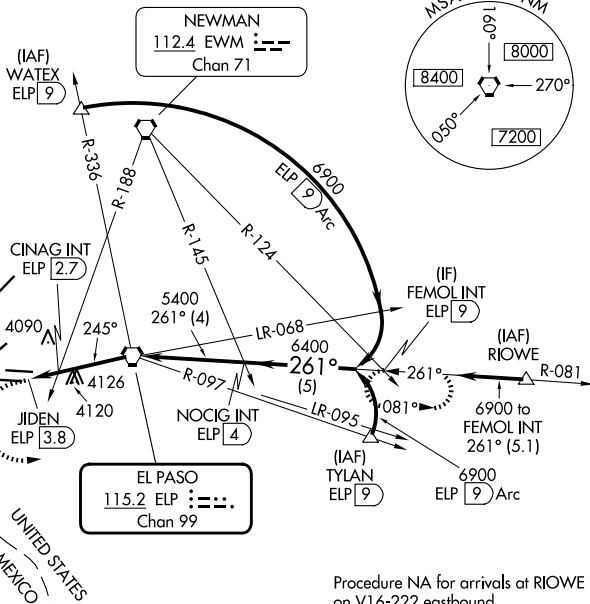
VOR RWY 26L

EL PASO INTL (ELP)

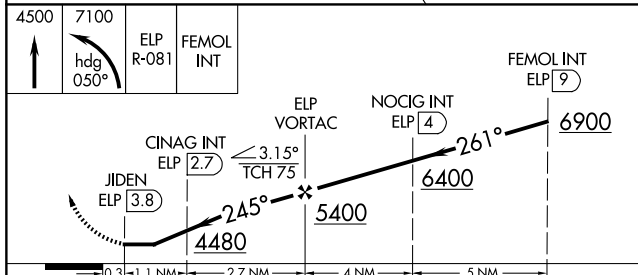
Inop table does not apply to S-26L and CINAG fix minimums S-26L. Circling NA for Cat D northwest of Rwy 4-22.	MISSED APPROACH: Climb to 4500 then climbing left turn to 7100 on heading 050° and on ELP VORTAC R-081 to FEMOL INT/9 DME and hold.
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D-ATIS 120.0 254.3	EL PASO APP CON 124.25 298.85	EL PASO TOWER 118.3 239.275	GND CON 121.9 348.6
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Procedure NA for arrivals at WATEX on V94-611 northwest bound.



Procedure NA for arrivals at RIOWE on V16-222 eastbound.



ELEV 3962	TDZE 3962
MIRL Rwy 8L-26R REIL Rwy 4 and 8R HIRL Rwy 4-22 and 8R-26L	
FAF to MAP 3.8 NM	
Knots	60 90 120 150 180
Min:Sec	3:48 2:32 1:54 1:31 1:16

EL PASO, TEXAS

Amdt 32D 20APR23

31°48'N-106°23'W

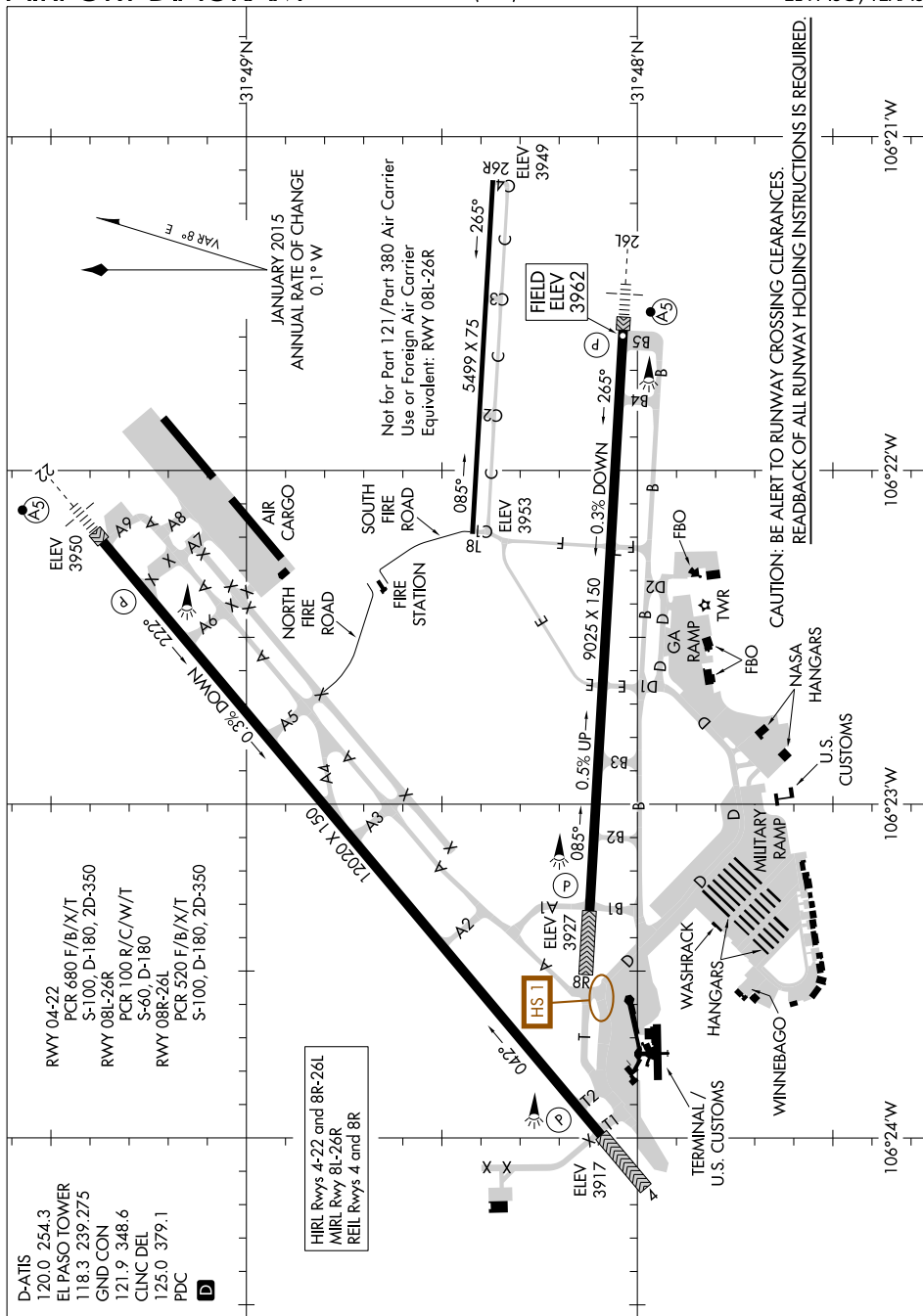
EL PASO INTL (ELP)

VOR RWY 26L

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

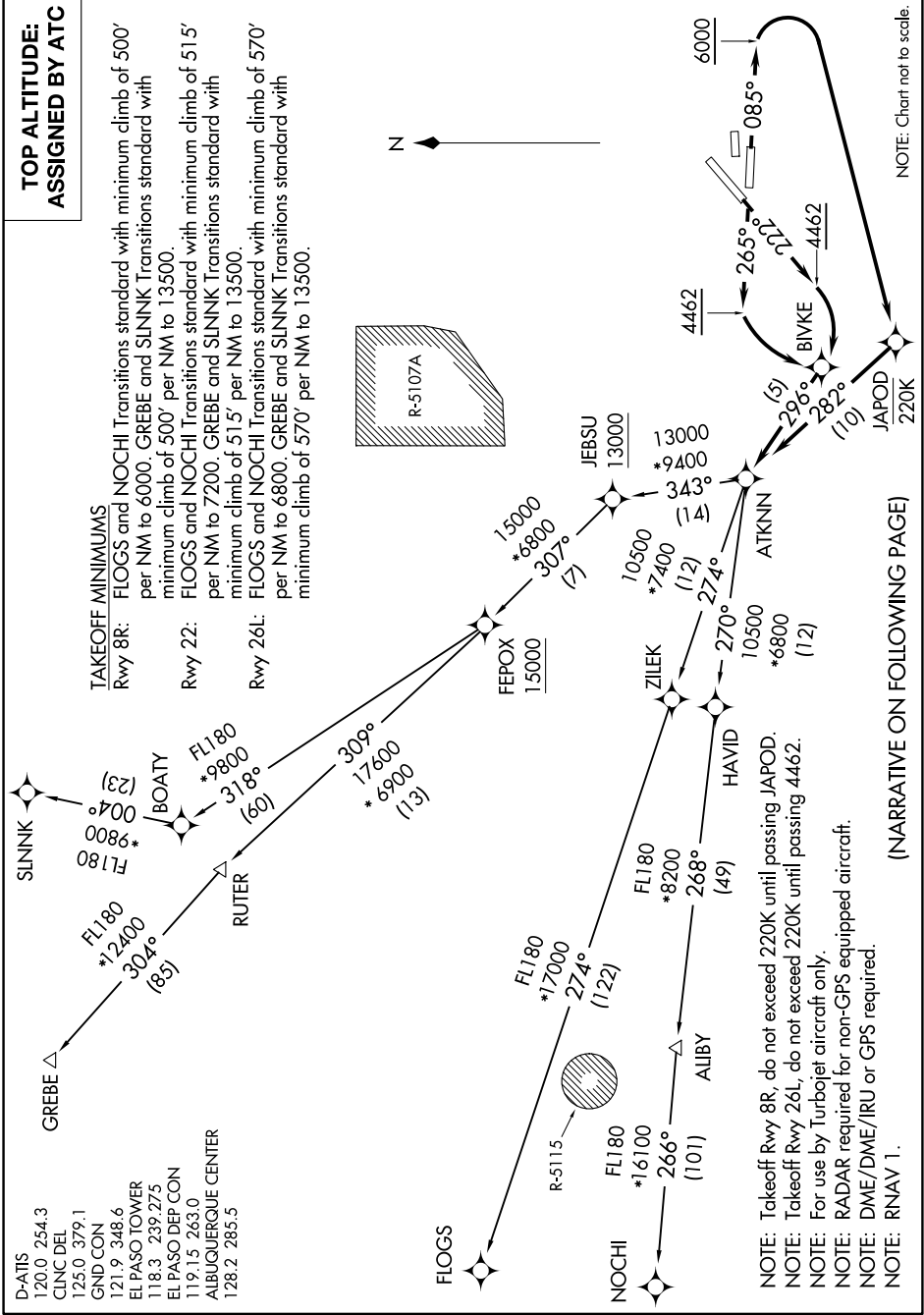
SC-3, 03 SEP 2026 to 29 OCT 2026



(ATKNN5.ATKNN) 22307
ATKNN FIVE DEPARTURE (RNAV)

AL-134 (FAA)

EL PASO INTL (ELP)
EL PASO, TEXAS



ATKNN FIVE DEPARTURE (RNAV)
(ATKNN5.ATKNN) 21JUL16

EL PASO, TEXAS
EL PASO INTL (ELP)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8R: Climb heading 085° to 6000, then right turn direct JAPOD, then on depicted route to ATKNN, thence . . .
TAKEOFF RWY 22: Climb heading 222° to 4462, then right turn direct BIVKE, then on depicted route to ATKNN, thence . . .
TAKEOFF RWY 26L: Climb heading 265° to 4462, then left turn direct BIVKE, then on depicted route to ATKNN, thence . . .

. . . (transition). Maintain altitude as assigned by ATC, expect filed altitude 10 minutes after departure.

- FLOGS TRANSITION (ATKNN5.FLOGS)
- GREBE TRANSITION (ATKNN5.GREBE)
- NOCHI TRANSITION (ATKNN5.NOCHI)
- SLNKK TRANSITION (ATKNN5.SLNKK)

(JCOXX2.JCOXX) 20030

JCOXX TWO DEPARTURE (RNAV)

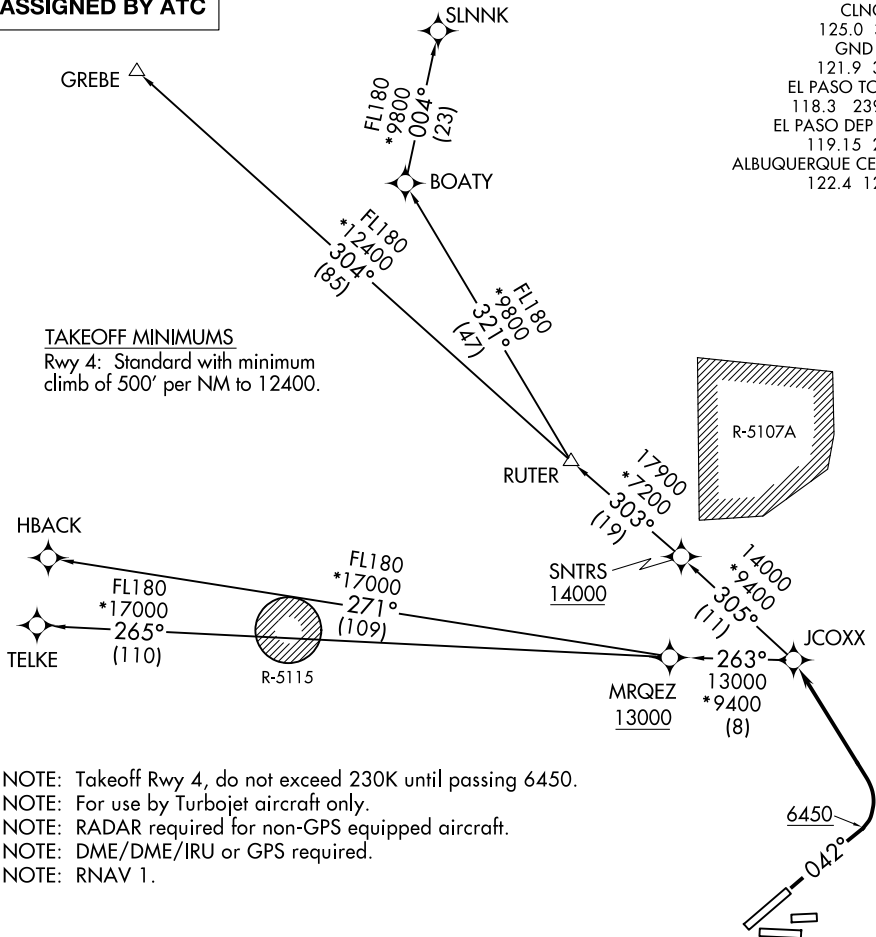
AL-134 (FAA)

EL PASO INTL (ELP)
EL PASO, TEXAS**TOP ALTITUDE:
ASSIGNED BY ATC**

D-ATIS
120.0 254.3
CLNC DEL
125.0 379.1
GND CON
121.9 348.6
EL PASO TOWER
118.3 239.275
EL PASO DEP CON
119.15 263.0
ALBUQUERQUE CENTER
122.4 122.55

TAKEOFF MINIMUMS

Rwy 4: Standard with minimum
climb of 500' per NM to 12400.



NOTE: Takeoff Rwy 4, do not exceed 230K until passing 6450.
NOTE: For use by Turbojet aircraft only.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 4: Climb heading 042° to 6450, then left turn direct JCOXX, thence. . .

. . . (transition). Maintain altitude as assigned by ATC, expect filed altitude 10 minutes after departure.

GREBE TRANSITION (JCOXX2.GREBE)

HBACK TRANSITION (JCOXX2.HBACK)

SLNNK TRANSITION (JCOXX2.SLNNK)

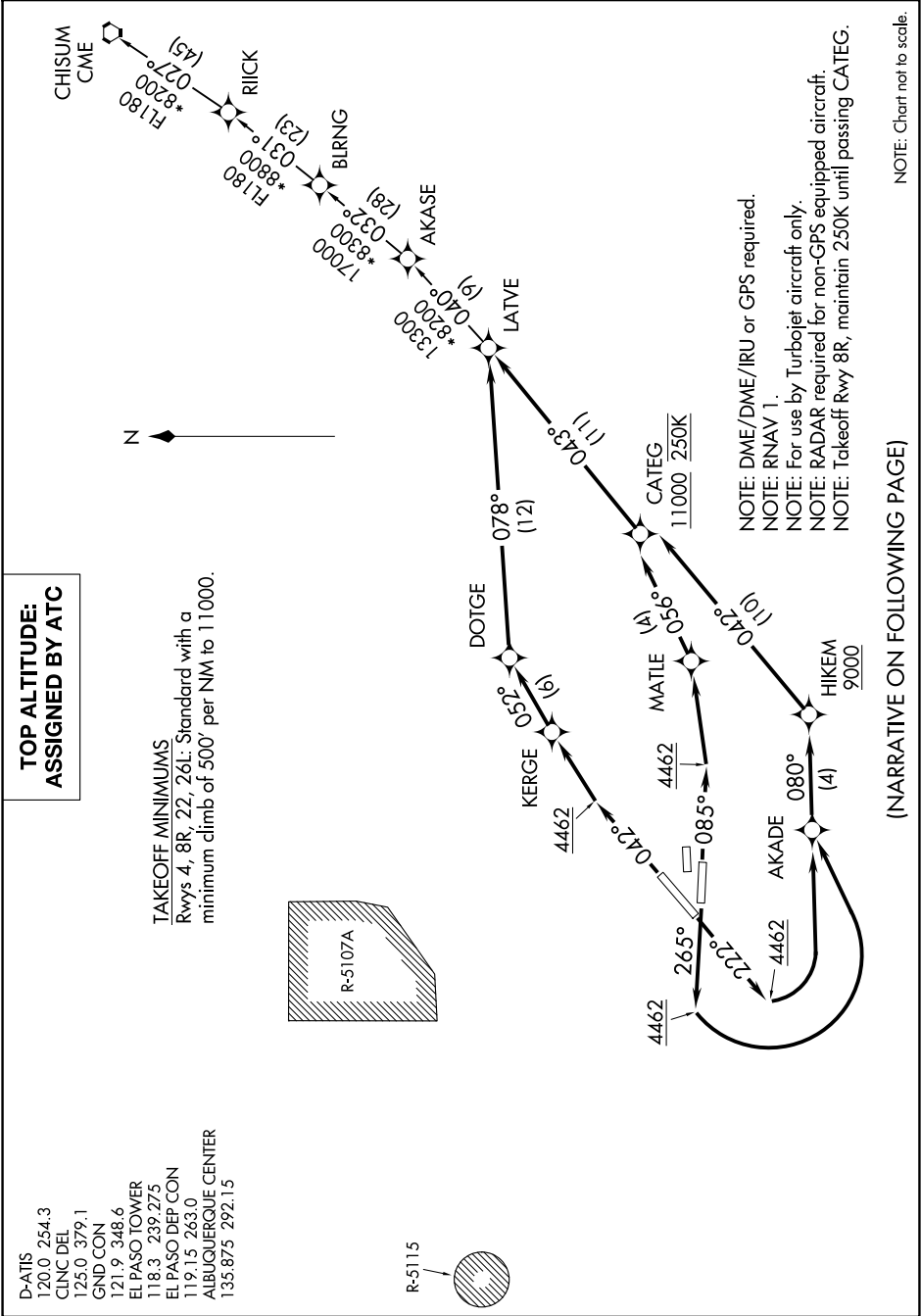
TELKE TRANSITION (JCOXX2.TELKE)

JCOXX TWO DEPARTURE (RNAV)

(JCOXX2.JCOXX) 21JUL16

EL PASO, TEXAS
EL PASO INTL (ELP)

SC-3, 03 SEP 2026 to 29 OCT 2026



LATVE THREE DEPARTURE (RNAV)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 4: Climb heading 042° to 4462, then direct KERGE, then on track 052° to DOTGE, then on track 078° to LATVE. Thence. . .

TAKEOFF RWY 8R: Climb heading 085° to 4462, then direct MATLE, then on track 056° to cross CATEG at or above 11000, then on track 043° to LATVE. Thence. . .

TAKEOFF RWY 22: Climb heading 222° to 4462, then left turn direct AKADE, then on track 080° to cross HIKEM at or above 9000, then on track 042° to cross CATEG at or above 11000, then on track 043° to LATVE. Thence. . .

TAKEOFF RWY 26L: Climb heading 265° to 4462, then left turn direct AKADE, then on track 080° to cross HIKEM at or above 9000, then on track 042° to cross CATEG at or above 11000, then on track 043° to LATVE. Thence. . .

. . . .on depicted route to CME VORTAC.

CHISUM TRANSITION (LATVE3.CME)

SC-3, 03 SEP 2026 to 29 OCT 2026

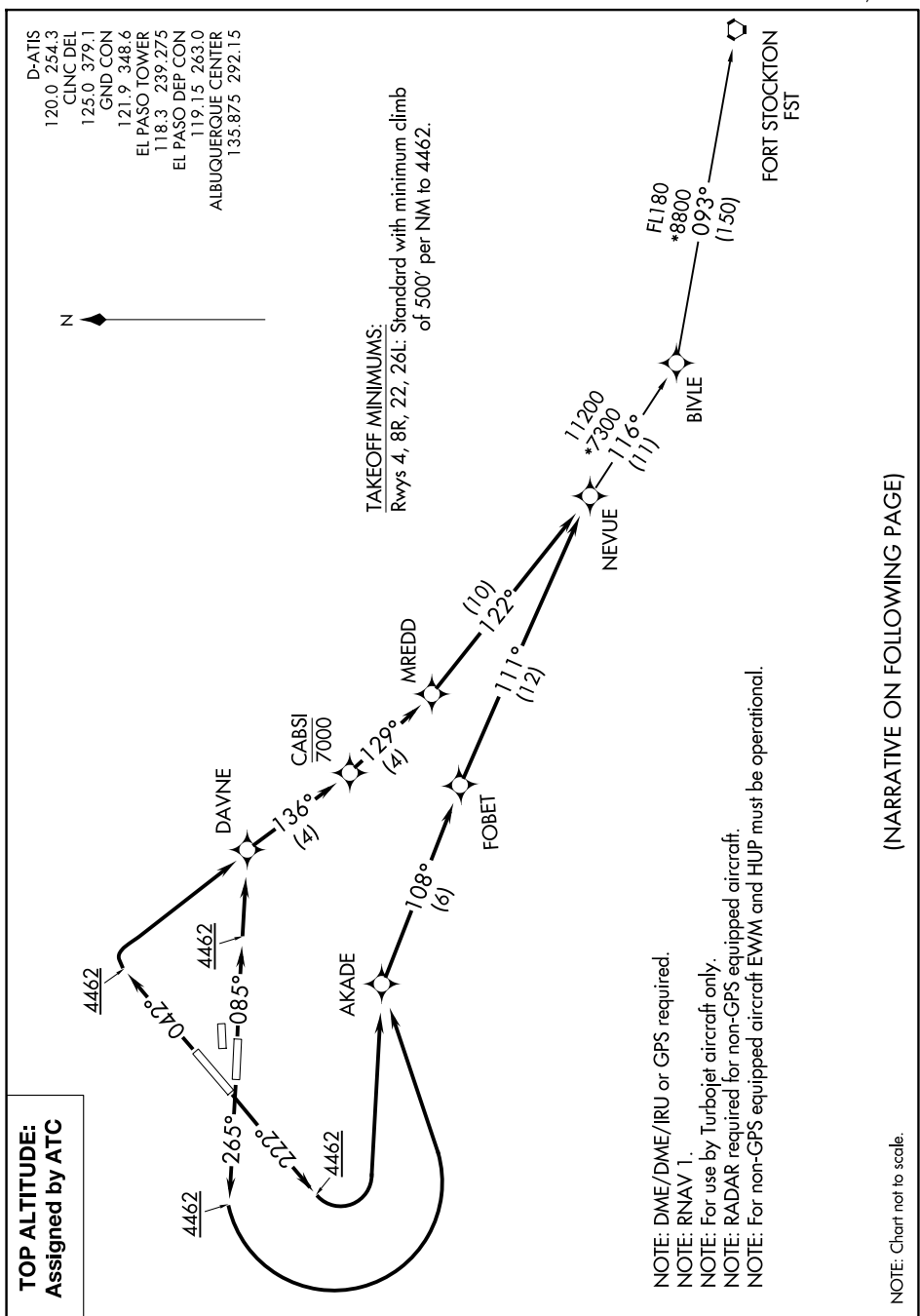
SC-3, 03 SEP 2026 to 29 OCT 2026

NEVUE THREE DEPARTURE(RNAV)

AL-134 (FAA)

EL PASO INTL (ELP)

EL PASO, TEXAS



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-3, 03 SEP 2026 to 29 OCT 2026

NEVUE THREE DEPARTURE(RNAV)

(NEVUE3.NEVUE) 21JUL16

EL PASO, TEXAS

EL PASO INTL (ELP)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 4: Climb heading 042° to 4462, then right turn direct DAVNE, then on track 136° to cross CABSI at or below 7000, then on track 129° to MREDD, then on track 122° to NEUVE. Thence. . . .

TAKEOFF RWY 8R: Climb heading 085° to 4462, then direct DAVNE, then on track 136° to cross CABSI at or below 7000, then on track 129° to MREDD, then on track 122° to NEUVE. Thence. . . .

TAKEOFF RWY 22: Climb heading 222° to 4462, then left turn direct AKADE, then on track 108° to FOBET, then on track 111° to NEVUE. Thence. . . .

TAKEOFF RWY 26L: Climb heading 265° to 4462, then left turn direct AKADE, then on track 108° to FOBET, then on track 111° to NEVUE. Thence. . . .

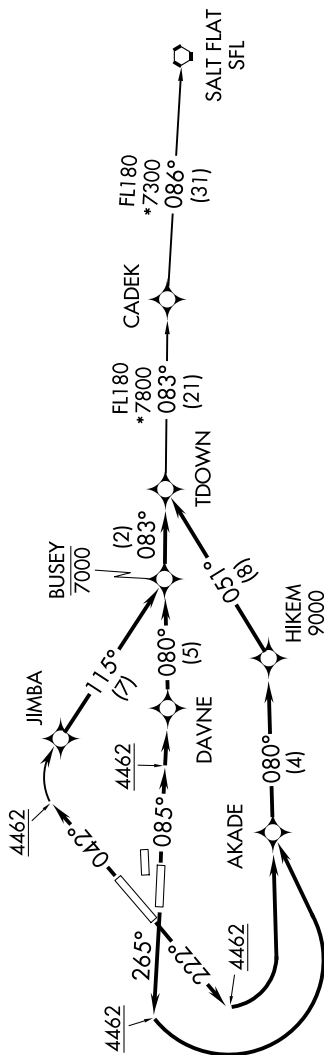
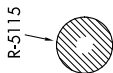
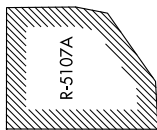
. . . .on depicted route to FST VORTAC.

FT STOCKTON TRANSITION (NEVUE3.FST)

D-ATIS
120.0 254.3
CLINC DEL
125.0 379.1
GND CON
121.9 348.6
EL PASO TOWER
118.3 239.275
EL PASO DEP CON
119.15 263.0
ABQ CENTER
135.875 292.15



**TOP ALTITUDE:
ASSIGNED BY ATC**



NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: For use by Turbojet aircraft only.
NOTE: RADAR required for non-GPS equipped aircraft.

TAKEOFF MINIMUMS
Rwys 4, 8R: Standard with a minimum climb of 500' per NM to 4462.
Rwys 22, 26L: Standard with a minimum climb of 500' per NM to 9000.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-3, 03 SEP 2026 to 29 OCT 2026

EL PASO, TEXAS
EL PASO INTL (ELP)

TDOWN THREE DEPARTURE (RNAV)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 4: Climb heading 042° to 4462, then right turn direct JIMBA, then on track 115° to cross BUSEY at or below 7000, then on track 083° to TDOWN. Thence

TAKEOFF RWY 8R: Climb heading 085° to 4462, then direct DAVNE, then on track 080° to cross BUSEY at or below 7000, then on track 083° to TDOWN. Thence

TAKEOFF RWY 22: Climb heading 222° to 4462, then left turn direct AKADE, then on track 080° to cross HIKEM at or above 9000, then on track 051° to TDOWN. Thence

TAKEOFF RWY 26L: Climb heading 265° to 4462, then left turn direct AKADE, then on track 080° to cross HIKEM at or above 9000, then on track 051° to TDOWN. Thence

. . . . on depicted route to SFL VORTAC.

SALT FLAT TRANSITION (TDOWN3.SFL)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 53640 W17A	APP CRS 174°	Rwy Ldg TDZE 111 Apt Elev 112
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RNAV (GPS) RWY 17

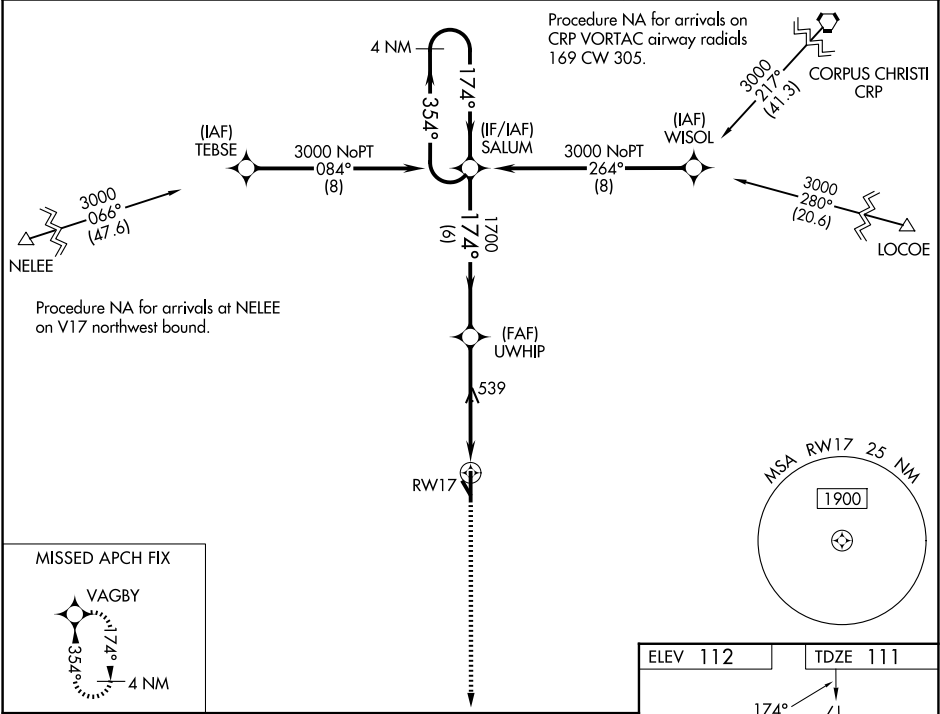
BROOKS COUNTY (BKS)

⚠

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F).
Circling Rwy 14 NA at night. Rwy 17 helicopter visibility reduction below ¾ SM NA.
DME/DME RNP-0.3 NA. Circling NA for Cat D west of Rwy 17-35.

MISSED APPROACH: Climb to 3000 direct VAGBY and hold.

AWOS-3PT 118.125	KINGSVILLE APP CON ★ 119.9 290.45	UNICOM 122.8 (CTAF) 0
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4 NM Holding Pattern

GP 3.00° TCH 45

SALUM

UWHIP

RW17

3000

174°

354°

1700

6 NM

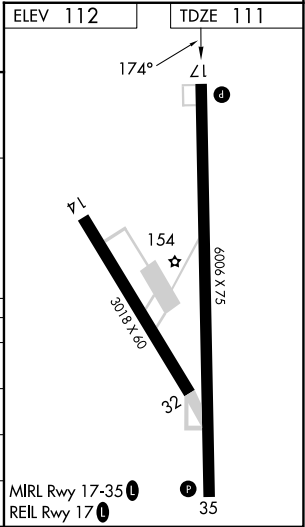
2.7 NM

2.1 NM

*LNAV only.

VAGBY

CATEGORY	A	B	C	D
LPV DA	361-1 250 (300-1)			
LNAV/VNAV DA	361-1 250 (300-1)			
LNAV MDA	840-1 729 (800-1)		840-2 729 (800-2)	
CIRCLING	840-1 728 (800-1)		940-2½ 828 (900-2½)	940-2¾ 828 (900-2¾)



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

FALFURRIAS, TEXAS

AL-6117 (FAA)

26078

WAAS CH 49140 W35A	APP CRS 354°	Rwy Ldg TDZE 112 Apt Elev 112
--	------------------------	---

RNAV (GPS) RWY 35

BROOKS COUNTY (BKS)

T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). Circling Rwy 14 NA at night. DME/DME RNP-0.3 NA.

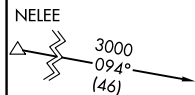
MISSED APPROACH: Climb to 3000 direct SALUM and hold.

AWOS-3PT 118.125	KINGSVILLE APP CON ★ 119.9 290.45	UNICOM 122.8 (CTAF) 0
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MISSED APCH FIX



Procedure NA for arrivals at NELEE via V17 northwest bound.



3000 NoPT
(8)

354°
(6)

1700

354°

174°

354°

4 NM

354°

174°

354°

4 NM

354°

174°

354°

4 NM

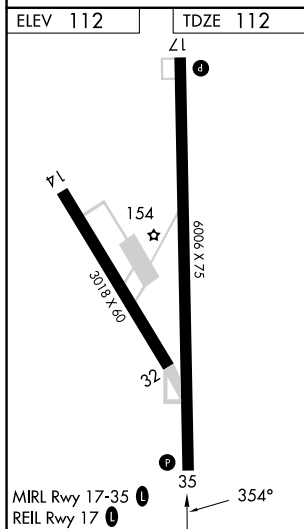
354°

174°

354°

4 NM

354°



FALFURRIAS, TEXAS
Amdt 1 17AUG17

27°12'N-98°07'W

RNAV (GPS) RWY 35

3000	SALUM	WAVUS 2.1 NM to RW35	VATSY 1700	VAGBY	4 NM Holding Pattern
*LNAV only. *0.9 NM to RW35	*820	1700	354°	174°	3000
0.9	1.2	2.8 NM	6 NM		
CATEGORY	A	B	C	D	
LPV DA		362-1	250 (300-1)		
LNAV/VNAV DA		362-1	250 (300-1)		
LNAV MDA		440-1	328 (400-1)		
CIRCLING	580-1 468 (500-1)	680-1 568 (600-1)	940-2½ 828 (900-2½)	940-2¾ 828 (900-2¾)	

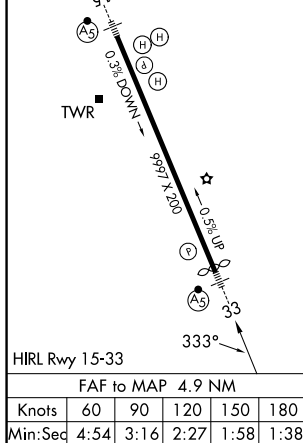
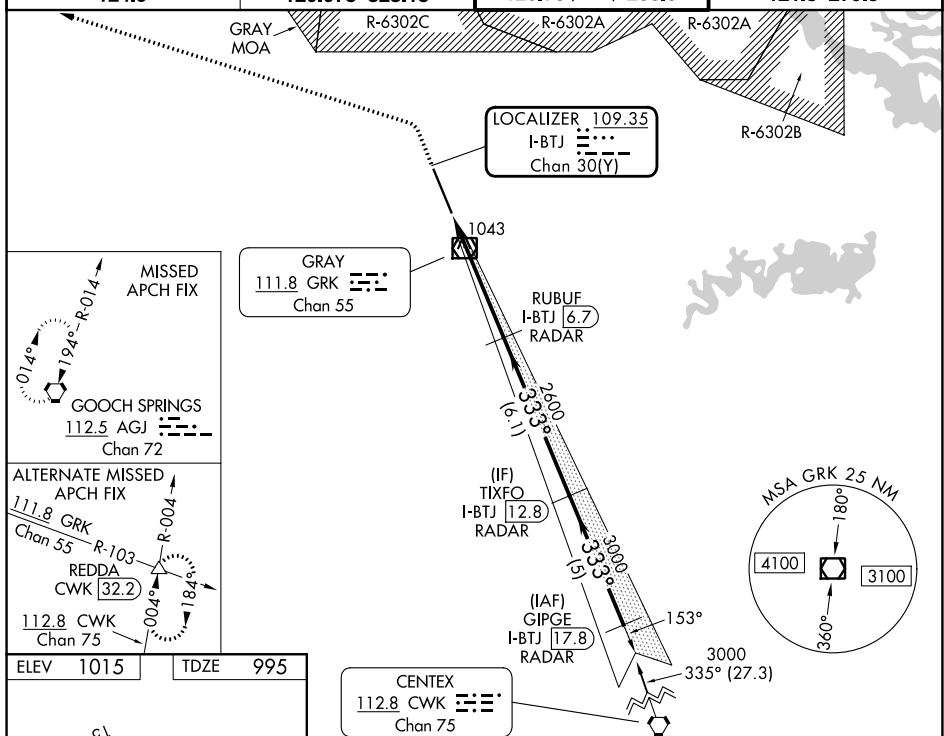
BROOKS COUNTY (BKS)

SC-3, 03 SEP 2026 to 29 OCT 2026

ILS or LOC RWY 33

MALSR

GND CON
21.8 279.5



31°04'N-97°50'W

ROBERT GRAY AAF (GRK)
ILS or LOC RWY 33

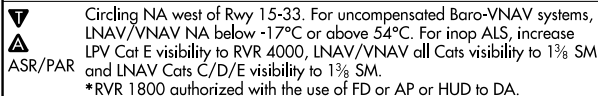
SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 78099 W15A	APP CRS 153°	Rwy Ldg TDZE Apt Elev	9997 1015 1015
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RNAV (GPS) RWY 15

ROBERT GRAY AAF (GRK)

RNP APCH - GPS.



MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct AGJ VORTAC and hold.

ATIS 124.9	GRAY APP CON 120,075 323.15	GRAY TOWER 120.75(CTAF) 285.5	GND CON 121.8 279.5
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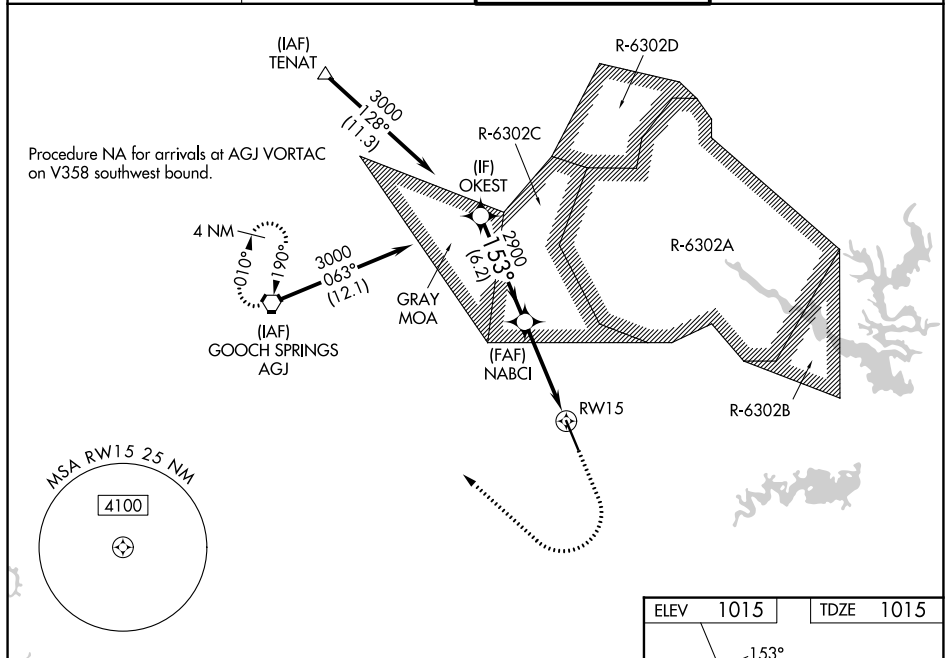
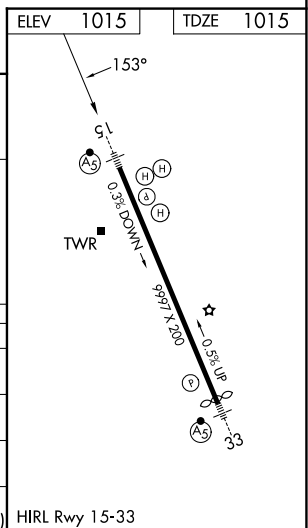


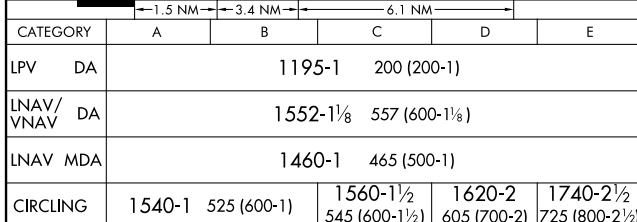
Diagram illustrating a flight profile for a 3000 ft climb. The profile starts at OKEST (3000 ft) and descends to 2900 ft at NABCI. The distance from OKEST to NABCI is 6.2 NM. From NABCI, the profile descends to 2900 ft at RW15. The distance from NABCI to RW15 is 4.4 NM. The distance from RW15 to the end of the profile is 1.4 NM. The profile is labeled 'GP 3.00° TCH 53'. A legend indicates that the upward arrow represents 2000 ft, the curved arrow represents 3000 ft, and the pentagon symbol represents AGJ.



ROBERT GRAY AAF (GRK)

MISSED APPROACH: Climb to 3000 direct FIXUL and on track 283° to AGJ VORTAC and hold.

GND CON
21.8 279.5



ROBERT GRAY AAF (GRK)
RNAV (GPS) RWY 33

SC-3, 03 SEP 2026 to 29 OCT 2026

VOR/DME GRK 111.8 Chgn 55	APP CRS 152°	Rwy Ldg 9997 TDZE 1015 Apt Elev 1015
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VOR RWY 15
ROBERT GRAY AAF (GRK)

DME required.

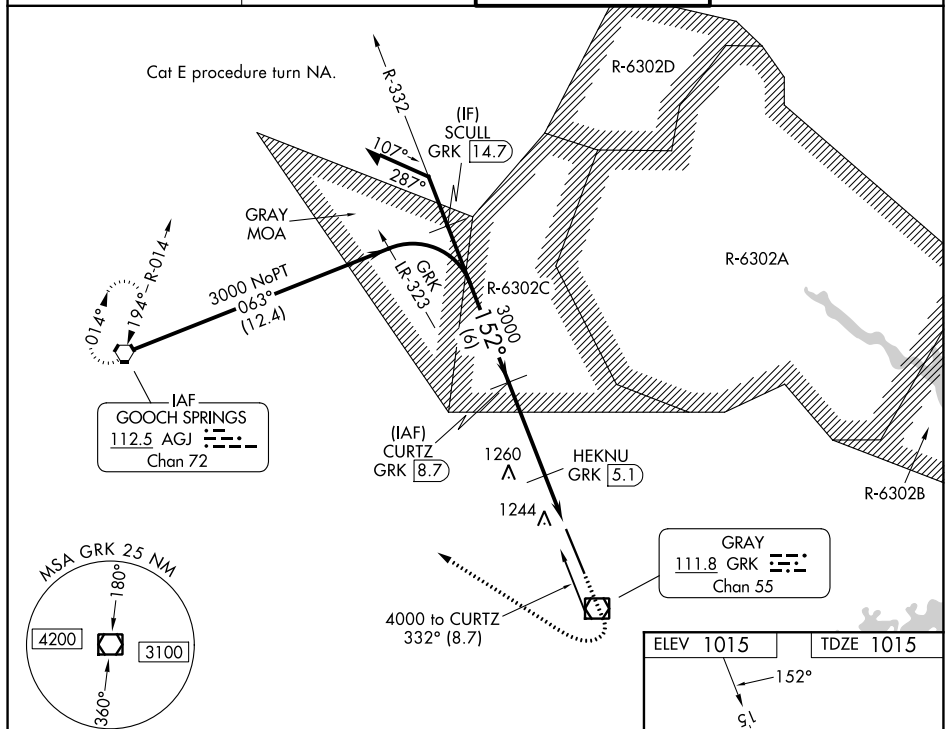
	Circling NA west of Rwy 15 and 33. For inop ALS,
ASR/PAR	increase S-15 Cat E visibility to 1 st SM.

MALSR



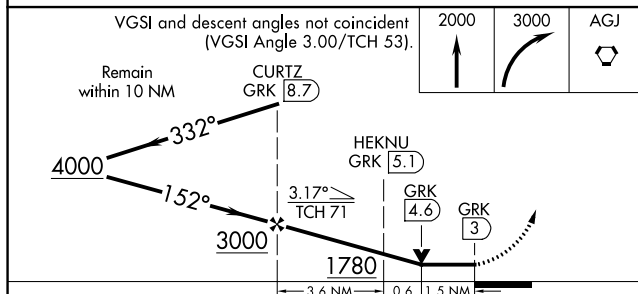
MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct AGJ VORTAC and hold.

ATIS 124.9	GRAY APP CON 120.075 323.15	GRAY TOWER 120.75 (CTAF) 285.5	GND CON 121.8 279.5
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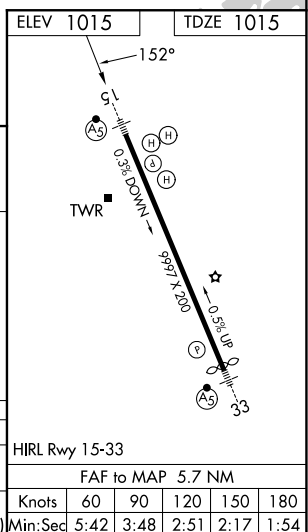


SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



CATEGORY	A	B	C	D	E
S-15	1560/24	545 (600-½)	1560/60	545 (600-1¼)	
CIRCLING	1560-1	545 (600-1)	1560-1½ 545 (600-1½)	1620-2 605 (700-2)	1740-2½ 725 (800-2½)



FORT HOOD (KILLEEN), TEXAS

AL-906 (FAA)

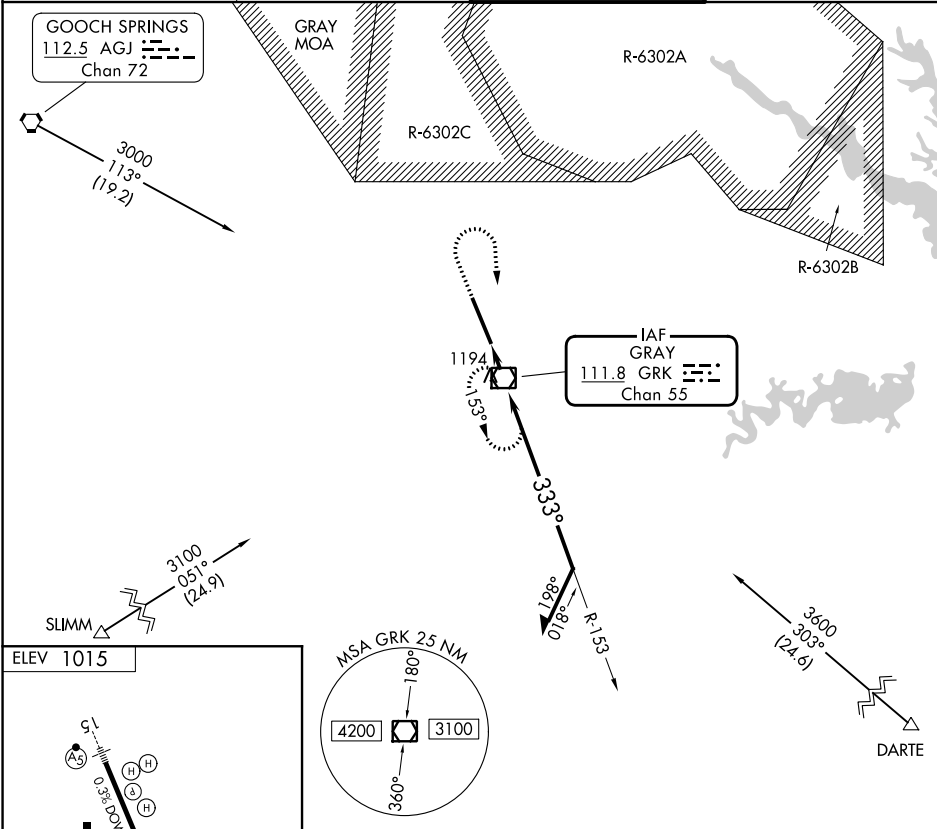
26190

VOR/DME GRK	APP CRS	Rwy Ldg TDZE	N/A
111.8	333°		N/A
Chan 55		Apt Elev	1015

VOR-A
ROBERT GRAY AAF (GRK)

NA ASR/PAR	Circling NA W of Rwy 15-33.	MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct GRK VOR/DME and hold.
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ATIS 124.9	GRAY APP CON 120.075 323.15	GRAY TOWER 120.75(CTAF) 285.5	GND CON 121.8 279.5
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ELEV 1015		2000		3000	GRK	GRK VOR/DME		Remain within 10 NM	
HIRL Rwy 15-33		GRK 1.4		1.4 NM		153°		3000	
FAF to MAP 1.4 NM		CATEGORY		A	B	C	D		
Knots		60		90	120	150	180		
Min:Sec		1:24		0:56	0:42	0:34	0:28		
CIRCLING		1540-1		525 (600-1)		1560-1½ 545 (600-1½)		1620-2 605 (700-2)	

FORT HOOD (KILLEEN), TEXAS
Amdt 2D 30NOV23

31°04'N-97°50'W

ROBERT GRAY AAF (GRK)
VOR-A

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

VOR/DME GRK	APP CRS	Rwy Ldg	9803
111.8	333°	TDZE	N/A
Chan 55		Apt Elev	1015

COPTER VOR RWY 33

ROBERT GRAY AAF (GRK)

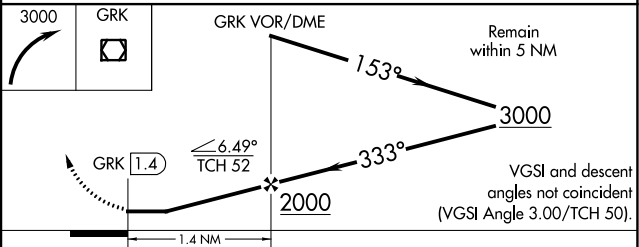
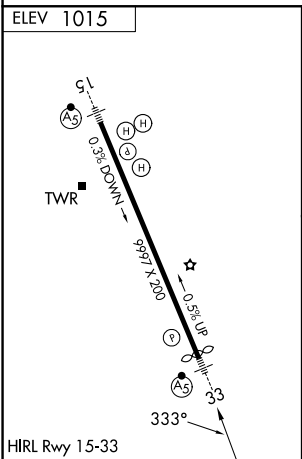
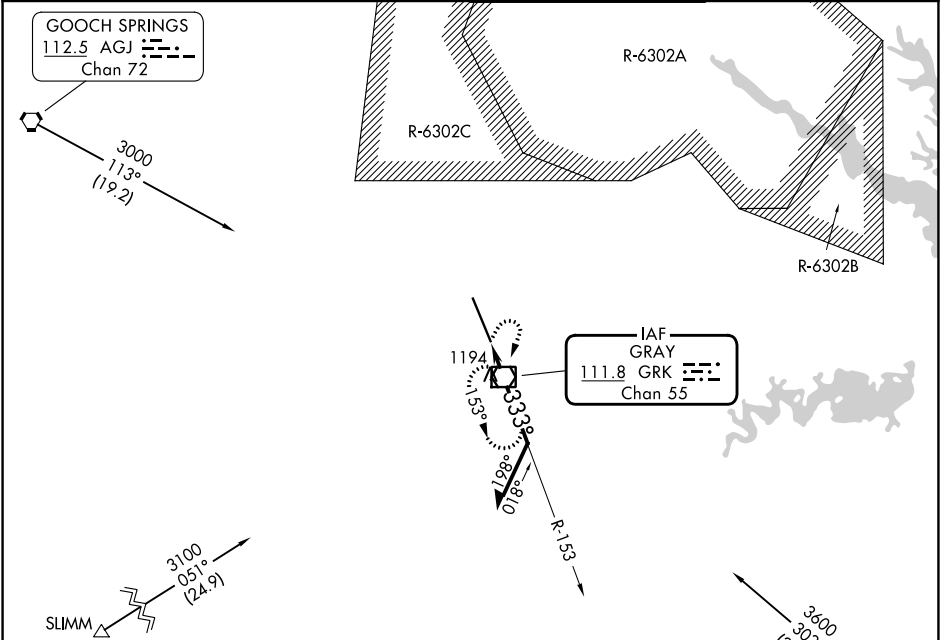
NA

ASR/PAR

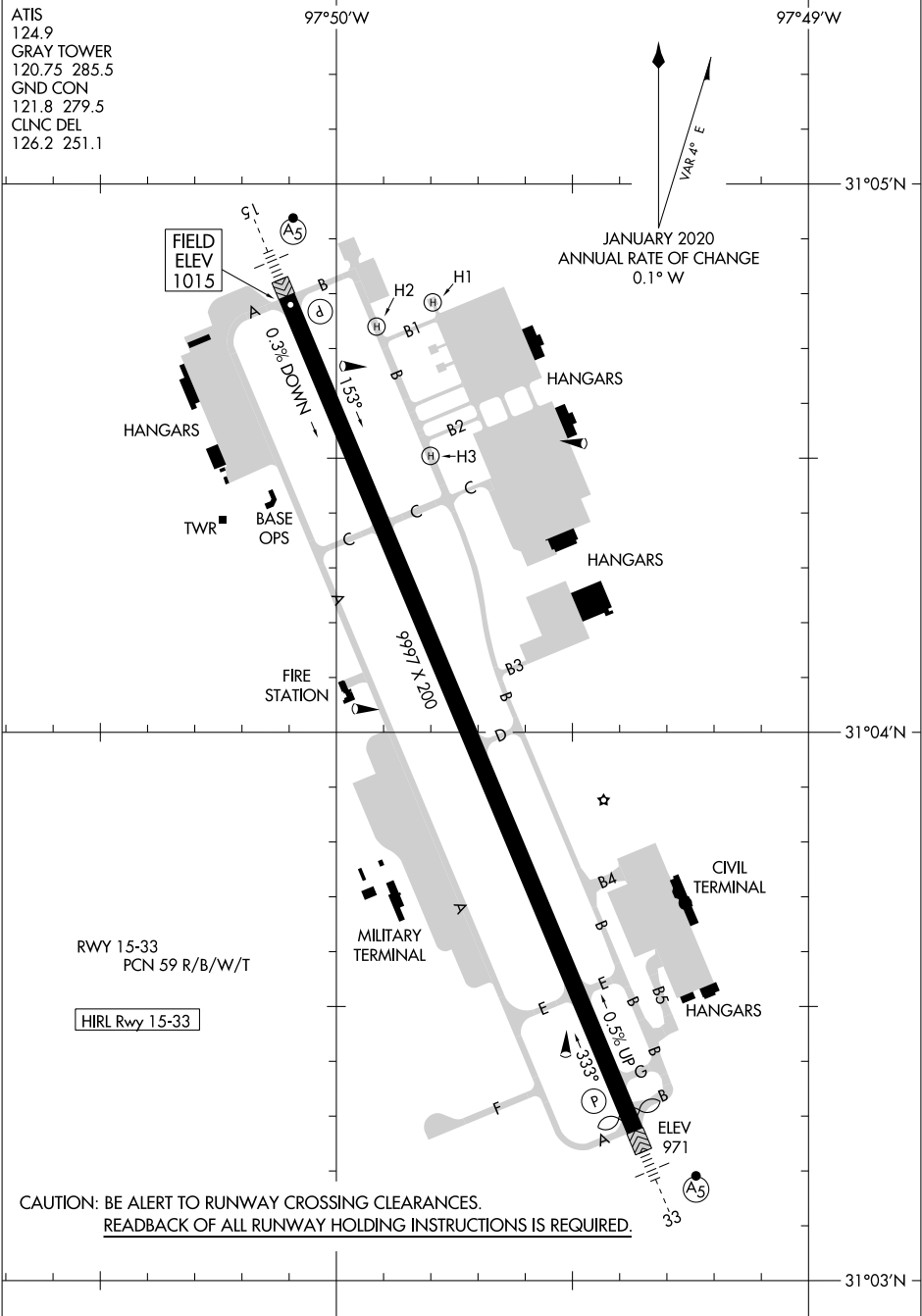
MALSR

MISSED APPROACH: Climbing right turn to 3000 direct GRK VOR/DME and hold.

ATIS 124.9	GRAY APP CON 120.075 323.15	GRAY TOWER 120.75(CTAF) 285.5	GND CON 121.8 279.5
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FAF to MAP 1.4 NM						CATEGORY	COPTER
Knots	45	60	75	90	105	H-33	1460-¼ 465 (500-¼)
Min:Sec	1:52	1:24	1:07	0:56	0:48		

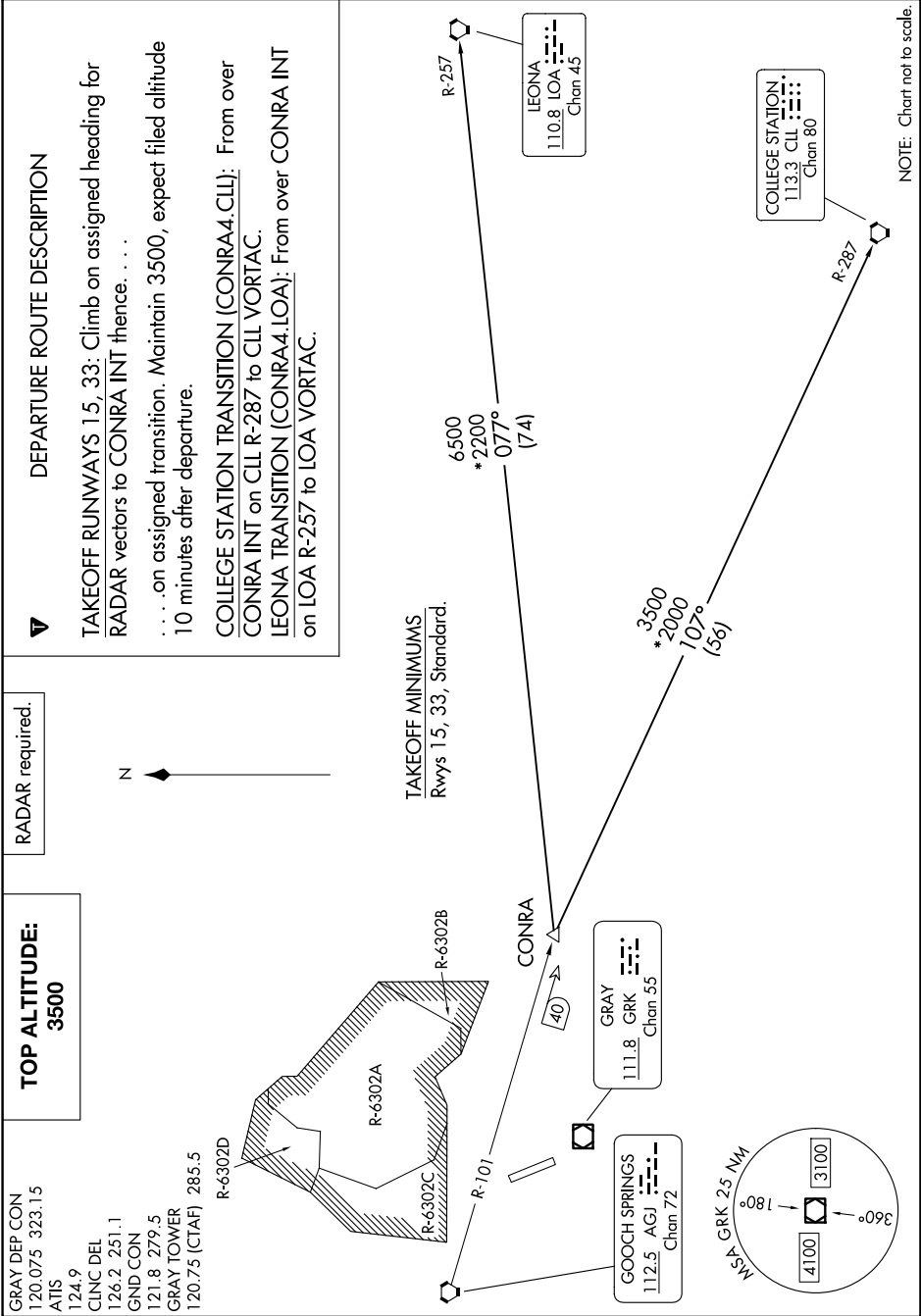


(CONRA4.CONRA) 26134

CONRA FOUR DEPARTURE

AL-906 (FAA)

ROBERT GRAY AAF (GRK)
FORT HOOD (KILLEEN), TEXAS



CONRA FOUR DEPARTURE

(CONRA4.CONRA) 14MAY26

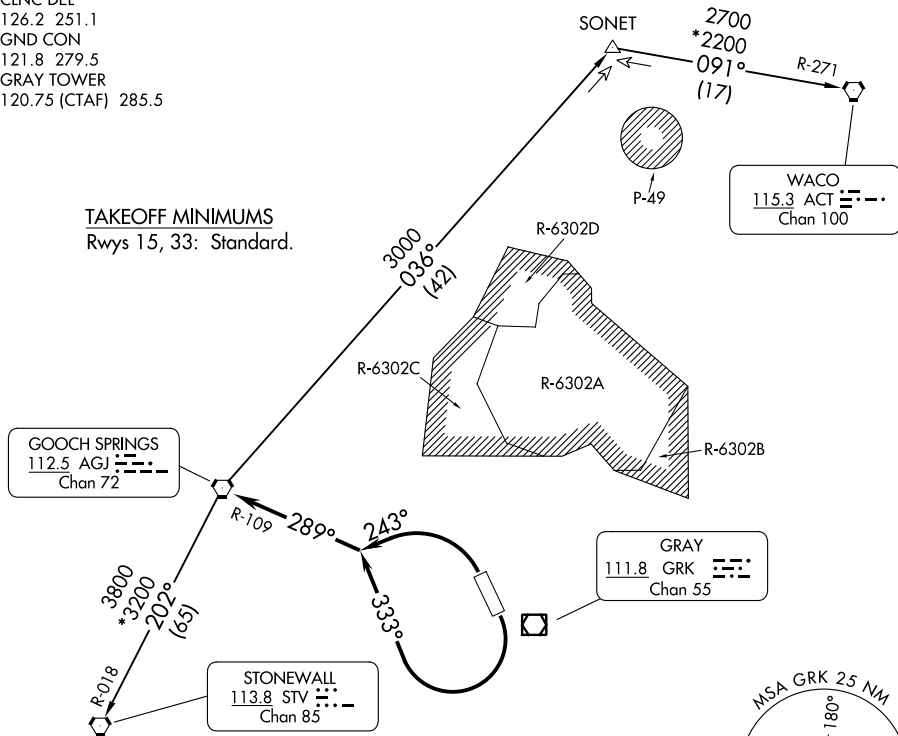
FORT HOOD (KILLEEN), TEXAS
ROBERT GRAY AAF (GRK)

LAMPS NINE DEPARTURE

GRAY DEP CON
120.075 323.15
ATIS
124.9
CLNC DEL
126.2 251.1
GND CON
121.8 279.5
GRAY TOWER
120.75 (CTAF) 285.5

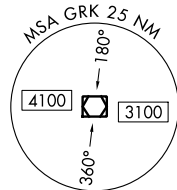
RADAR required.

**TOP ALTITUDE:
ASSIGNED BY ATC**



NOTE: WACO Transition for aircraft inbound to terminal area airports.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climbing right turn heading 333° to intercept and proceed on AGJ R-109. Thence . . .

TAKEOFF RUNWAY 33: Climbing left turn heading 243° to intercept and proceed on AGJ R-109. Thence . . .

... on assigned transition. Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

STONEWALL TRANSITION (LAMPS9.STV): From over AGJ VORTAC on AGJ R-202 and STV R-018 to STV VORTAC.

WACO TRANSITION (LAMPS9.ACT): From over AGJ VORTAC on AGJ R-036 to SONET INT. then on ACT R-271 to ACT VORTAC.

LAMPS NINE DEPARTURE

(LAMPS9.AGJ) 14MAY26

FORT HOOD (KILLEEN), TEXAS
ROBERT GRAY AAF (GRK)

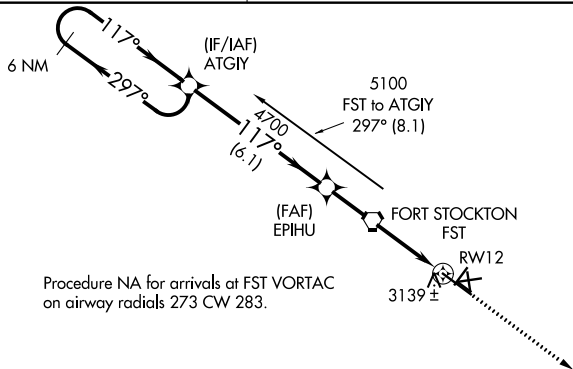
RNAV (GPS) RWY 12

FORT STOCKTON-PECOS COUNTY (FST)

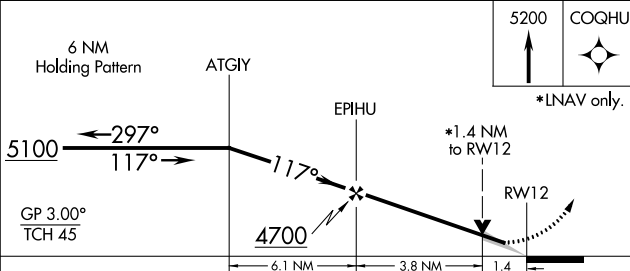
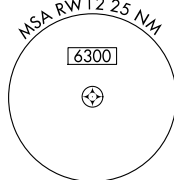
T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-5°F) or above 43°C (109°F). When local altimeter setting not received, use Pecos altimeter setting and increase all DA 152 feet and all MDA 160 feet, increase LPV visibility ½ mile. **A** All Cats, LNAV/VNAV visibility ½ mile all Cats, LNAV Cat C/D visibility ½ mile, Circling Cat C visibility ¾ mile, Cat D visibility ½ mile. Baro-VNAV and VDP NA when using Pecos altimeter setting. Circling NA to Rwys 7-25, 11-29 and 16-34. Circling Rwy 3, 21, 30 NA at night.

ASOS
118.525

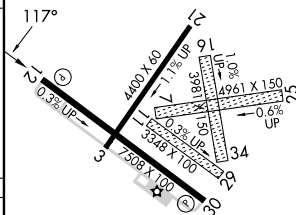
ALBUQUERQUE CENTER
135.875 292.15

UNICOM
122.8 (CTAF) **L**

Procedure NA for arrivals at FST VORTAC
on airway radials 273 CW 283.



ELEV 3011		TDZE 3002
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MIRL Rwy 3-21 and 12-30 **L**

SC-3, 03 SEP 2026 to 29 OCT 2026

FORT STOCKTON, TEXAS

AL-5350 (FAA)

26246

APP CRS
298°

Rwy Ldg **7508**
TDZE **3011**
Apt Elev **3011**

RNAV (GPS) RWY 30

FORT STOCKTON-PECOS COUNTY (FST)

RNP APCH.

▼ Rwy 30 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Pecos altimeter setting and increase all MDA 160 feet, increase LNAV Cat C/D visibility ½ mile, Circling Cat C visibility ¾ mile, Cat D visibility ½ mile. Circling NA to Rwy 7-25, 11-29 and 16-34. Straight-in Rwy 30 NA at night, Circling Rwy 3, 21, 30 NA at night.

MISSED APPROACH: Climb to 5100 direct ATGIY and hold.

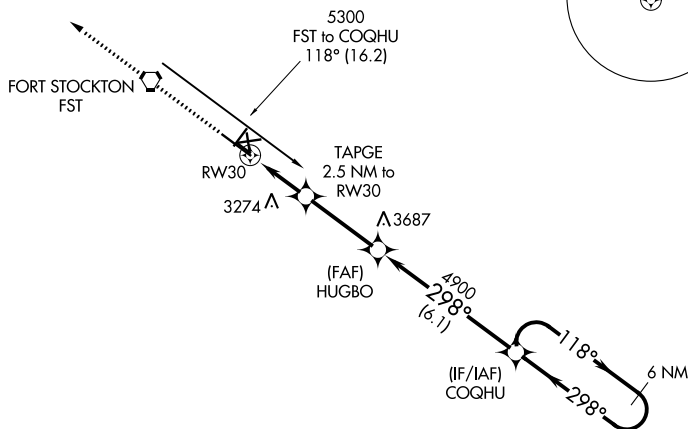
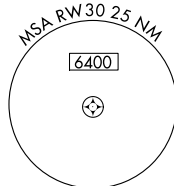
ASOS
118.525

ALBUQUERQUE CENTER
135.875 292.15

UNICOM
122.8 (CTAF) 0

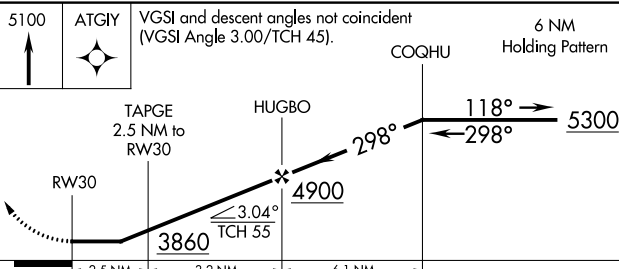
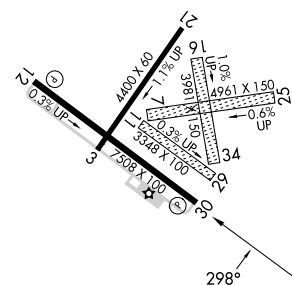


Procedure NA for arrivals at FST
VORTAC via V198-222 westbound.



ELEV 3011

TDZE 3011



CATEGORY	A	B	C	D
LNAV MDA	3500-1	489 (500-1)	3500-1¼ 489 (500-1¼)	3500-1½ 489 (500-1½)
CIRCLING	3540-1 529 (600-1)	3660-1 649 (700-1)	3740-2 729 (800-2)	3760-2½ 749 (800-2½)

FORT STOCKTON, TEXAS

Amdt 1B 04NOV21

FORT STOCKTON-PECOS COUNTY (FST)

30°55'N-102°55'W

RNAV (GPS) RWY 30

VORTAC FST	APP CRS	Rwy Ldg	7508
116.9	116°	TDZE	3002
Chan 116		Apt Elev	3011

VOR RWY 12

FORT STOCKTON-PECOS COUNTY (FST)

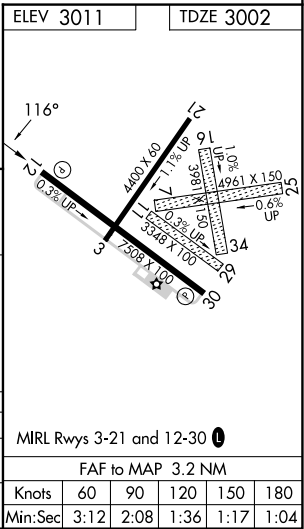
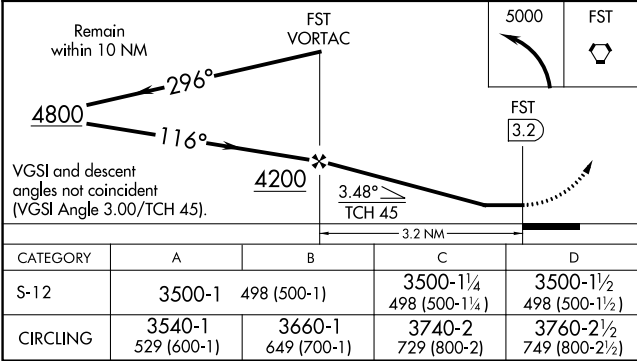
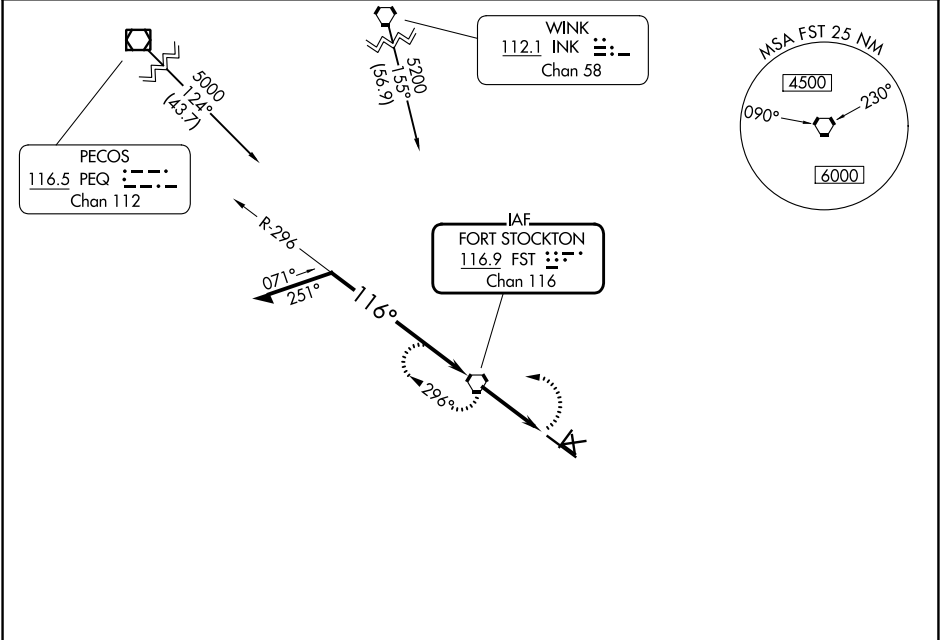
⚠

⚠

Circling NA to Rwys 7-25, 11-29 and 16-34.
Circling Rwy 3, 21, 30 NA at night.

MISSED APPROACH: Climbing left turn to 5000 direct FST VORTAC and hold.

ASOS 118.525	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.8 (CTAF) 0
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FREDERICKSBURG, TEXAS

AL-6428 (FAA)

26246

WAAS CH 78030 W14A	APP CRS 141°	Rwy Ldg TDZE 1695 Apt Elev 1695	5002
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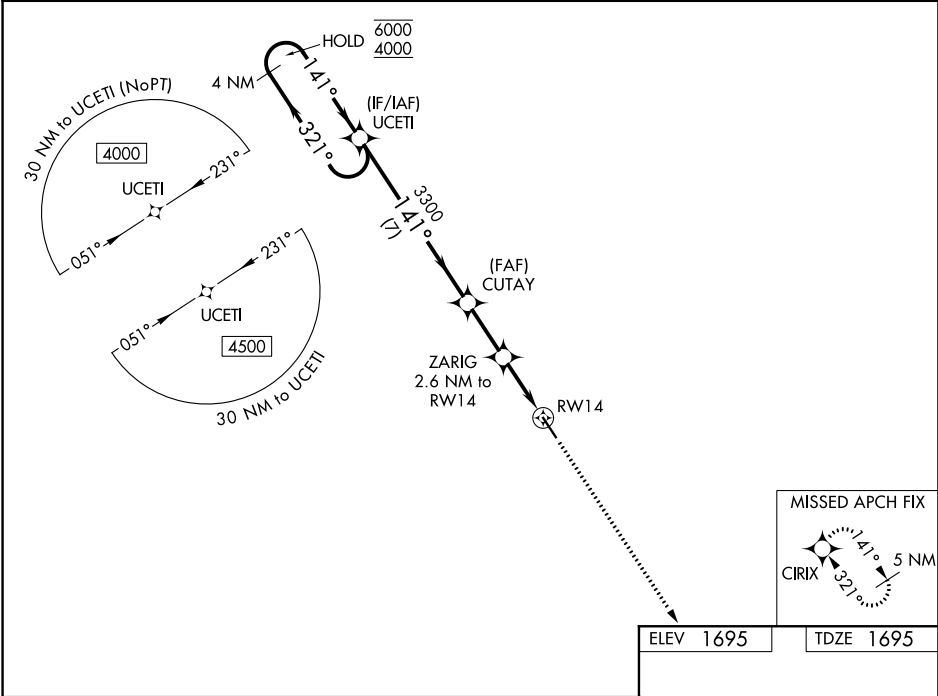
RNAV (GPS) RWY 14
GILLESPIE COUNTY (T82)

RNP APCH - GPS.

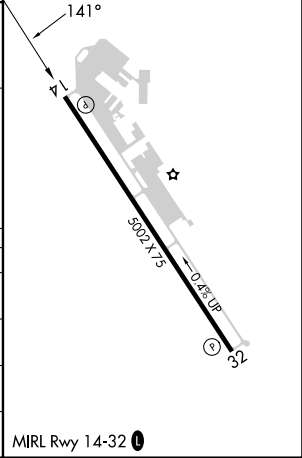
Rwy 14 helicopter visibility reduction below $\frac{3}{4}$ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -6°C or above 54°C.

MISSED APPROACH: Climb to 4500 direct CIRIX and hold.

AWOS-3 120.0	HOUSTON CENTER 134.2 307.3	UNICOM 122.7 (CTAF) 0
------------------------	--------------------------------------	---------------------------------



4 NM Holding Pattern					UCETI	CUTAY	ZARIG	2.6 NM to RW14	1.5 NM to RW14	4500	CIRIX
6000 ← 321°					141° →		147°				
4000					3300		2560				
GS 3.00°					TCH 43						
					7 NM		2.3 NM		1.1 NM		1.5 NM
CATEGORY		A		B		C		D			
LPV	DA	1945-1				250 (300-1)				NA	
LNAV/VNAV	DA	2087-1 $\frac{1}{8}$				392 (400-1 $\frac{1}{8}$)				NA	
LNAV	MDA	2200-1		505 (600-1)		2200-1 $\frac{3}{8}$		505 (600-1 $\frac{3}{8}$)		NA	
CIRCLING		2200-1		2480-1		2520-2 $\frac{1}{2}$		825 (900-2 $\frac{1}{2}$)		NA	
		505 (600-1)		785 (800-1)		825 (900-2 $\frac{1}{2}$)					



FREDERICKSBURG, TEXAS
Amdt 2 03SEP26

30°15'N-98°55'W

GILLESPIE COUNTY (T82)
RNAV (GPS) RWY 14

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 81930 W32A	APP CRS 321°	Rwy Ldg TDZE 1685 Apt Elev 1695
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RNAV (GPS) RWY 32

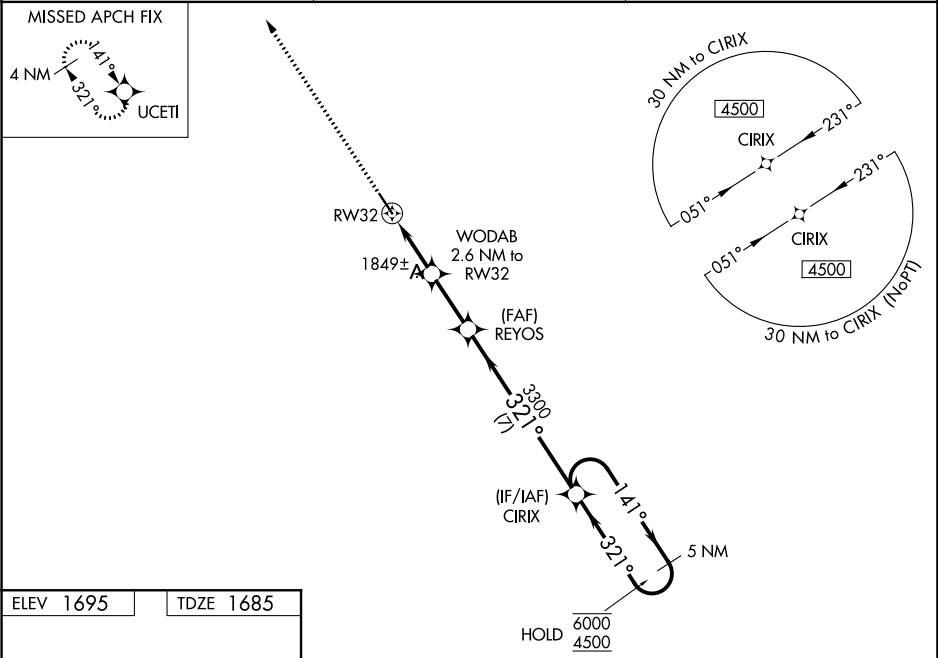
GILLESPIE COUNTY (T82)

RNP APCH.

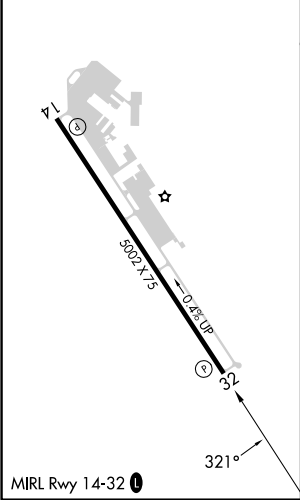
Rwy 32 helicopter visibility reduction below ¾ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV
NA below -18°C or above 54°C.

MISSED APPROACH: Climb to 4000 direct UCETI and hold.

AWOS-3 120.0	HOUSTON CENTER 134.2 307.3	UNICOM 122.7 (CTAF) 0
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ELEV 1695	TDZE 1685
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4000

UCETI

VGSI and RNAV glidepath not coincident
(VGSI Angle 3.00/TCH 37).

5 NM
Holding Pattern

*LNAV only.

WODAB
2.6 NM to
RW32

*1.2 NM to
RW32

REYOS

3300

321°

141°

6000

4500

GP 3.00°
TCH 45

1.2 NM

1.4 NM

2.4 NM

7 NM

CATEGORY	A	B	C	D
LPV DA	1935-1	250 (300-1)		NA
LNAV/VNAV DA	1967-1	282 (300-1)		NA
LNAV MDA	2100-1	415 (500-1)	2100-1¼ 415 (500-1¼)	NA
CIRCLING	2200-1 505 (600-1)	2480-1 785 (800-1)	2520-2½ 825 (900-2½)	NA

FREDERICKSBURG, TEXAS

AL-6428 (FAA)

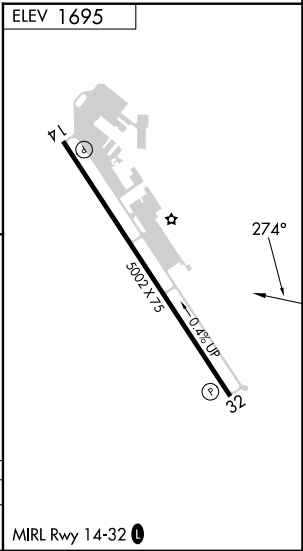
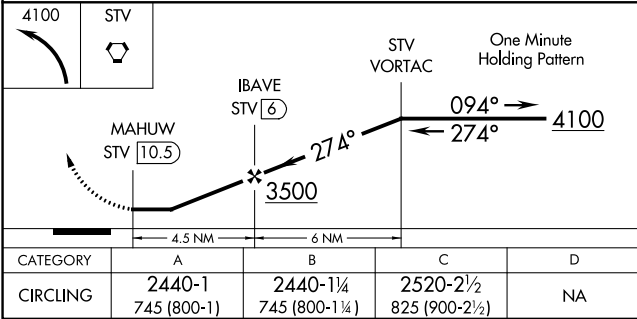
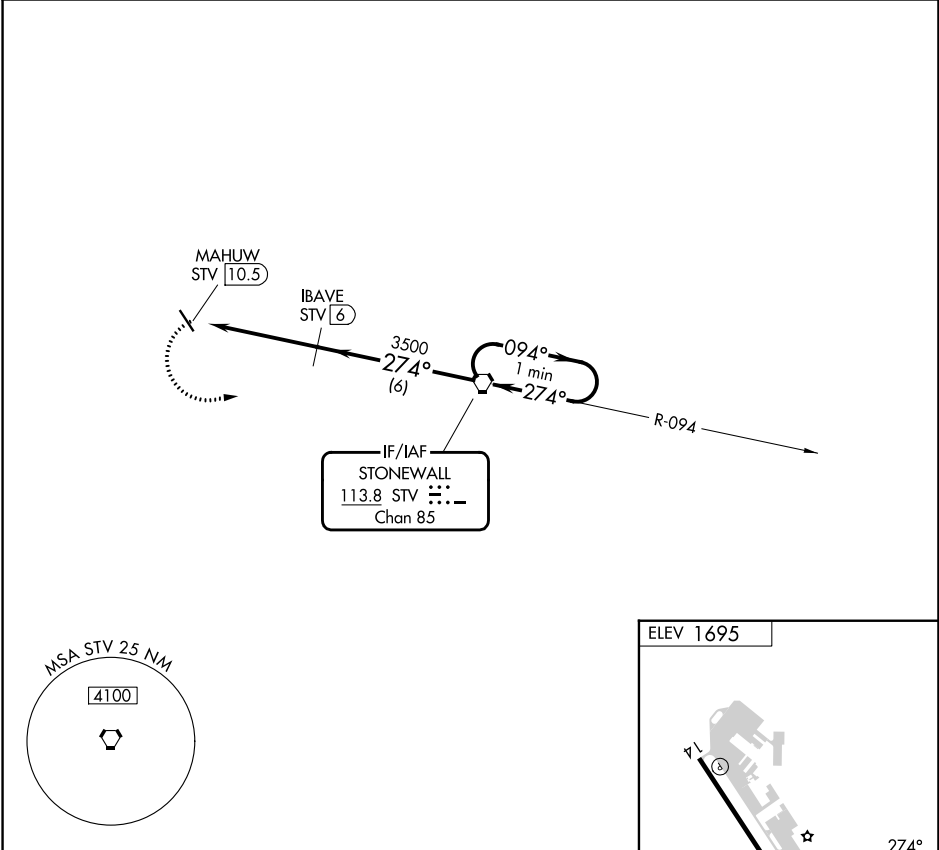
26246

VORTAC STV 113.8 Chan 85	APP CRS 274°	Rwy Ldg TDZE Apt Elev 1695	N/A N/A 1695
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VOR/DME-A
GILLESPIE COUNTY (T82)

V A When local altimeter setting not received, use Kerrville altimeter setting and increase MDA 60 feet and Cat C visibility ¼ mile.	MISSED APPROACH: Climbing left turn to 4100 direct STV VORTAC and hold.
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AWOS-3 120.0	HOUSTON CENTER 134.2 307.3	UNICOM 122.7 (CTAF) 0
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FREDERICKSBURG, TEXAS
Amdt 3C 30DEC21

30°15'N-98°55'W

GILLESPIE COUNTY (T82)
VOR/DME-A

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS

133°

Rwy Ldg

3799

TDZE

129

Apt Elev

129

RNAV (GPS) RWY 13

LIVE OAK COUNTY (8T6)

RNP APCH - GPS.

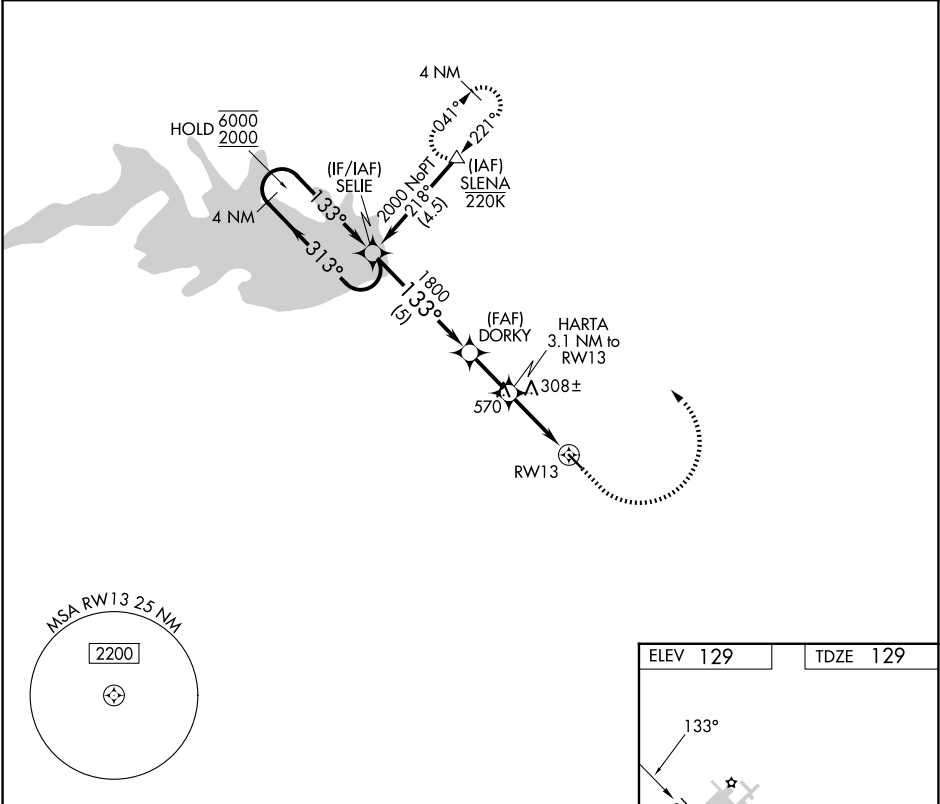
▼

▲

Rwy 13 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 700 then climbing left turn to 2000 direct SLENA and hold.

AWOS-3PT 119.05	HOUSTON CENTER 134.6 322.5	CTAF 122.9	122.7 0
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4 NM Holding Pattern

6000
2000

313°

133°

733°

1800

1160

5 NM

2 NM

1.9 NM

1.2 NM

700

2000

SLENA

△

3.00°

TCH 53

HARTA 3.1 NM to RW13

1.2 NM to RW13

RW13

3799 x 60

133°

5

3

CATEGORY	A	B	C	D
LNAV MDA	560-1	431 (500-1)	560-1¼ 431 (500-1¼)	NA
CIRCLING	760-1	631 (700-1)	760-1¾ 631 (700-1¾)	NA

MIRL Rwy 13-31 0

GEORGETOWN, TEXAS

AL-5724 (FAA)

26190

WAAS CH 70441 W11A	APP CRS 115°	Rwy Ldg 4099 TDZE 790 Apt Elev 790
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RNAV (GPS) RWY 11

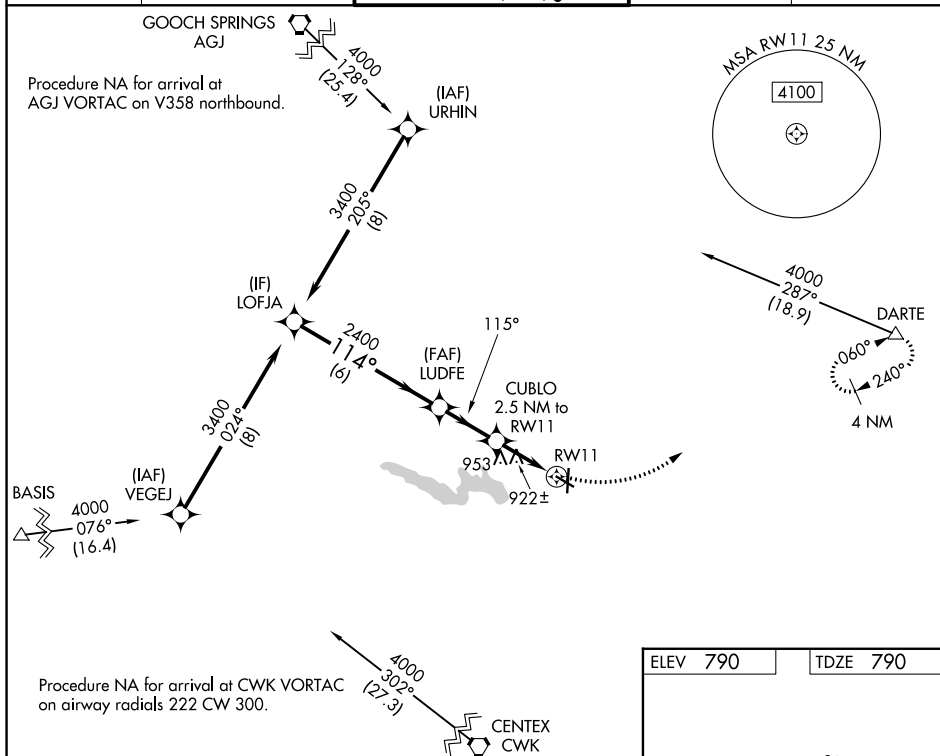
GEORGETOWN EXEC (GTU)

RNP APCH

▼ Rwy 11 helicopter visibility reduction below $\frac{3}{4}$ SM NA. When local altimeter setting not received, use Skylark Field altimeter setting and increase all MDA 80 feet. Increase LP and Circling Cat C/D visibility $\frac{1}{4}$ SM and LNAV Cat C/D visibility $\frac{1}{8}$ SM. VDP NA when using Skylark Field altimeter setting.

MISSED APPROACH:
Climbing left turn to 3000 direct DARTE and hold.

ATIS 118.6	AUSTIN APP CON 119.0 370.85	GEORGETOWN TOWER ★ 120.225 (CTAF) 0	GND CON 119.125	UNICOM 123.0
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LOFJA 3400 114° LUDFE 2400 115° CUBLO 2.5 NM to RWY 11 1.1 NM to RWY 11 RWY 11 6 NM 2.4 NM 1.4 1.1					ELEV 790 TDZE 790		3000 DARTE		115° 81 5004 X 100 4099 X 75 0.8% UP 0.7% UP 36 TWR ★	
CATEGORY	A	B	C	D						
LP MDA	1180-1	390 (400-1)	1180-1 $\frac{1}{8}$	390 (400-1 $\frac{1}{8}$)						
LNAV MDA	1220-1	430 (500-1)	1220-1 $\frac{1}{4}$	430 (500-1 $\frac{1}{4}$)						
CIRCLING	1240-1	1340-1	1360-1 $\frac{1}{2}$	1640-2 $\frac{3}{4}$						
	450 (500-1)	550 (600-1)	570 (600-1 $\frac{1}{2}$)	850 (900-2 $\frac{3}{4}$)						

REIL Rwy 18 and 36 **0**
MRL Rwy 11-29 and 18-36 **0**

GEORGETOWN, TEXAS

Amdt 1B 25FEB21

30°41'N-97°41'W

GEORGETOWN EXEC (GTU)

RNAV (GPS) RWY 11

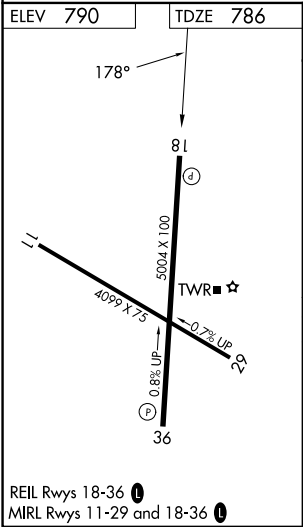
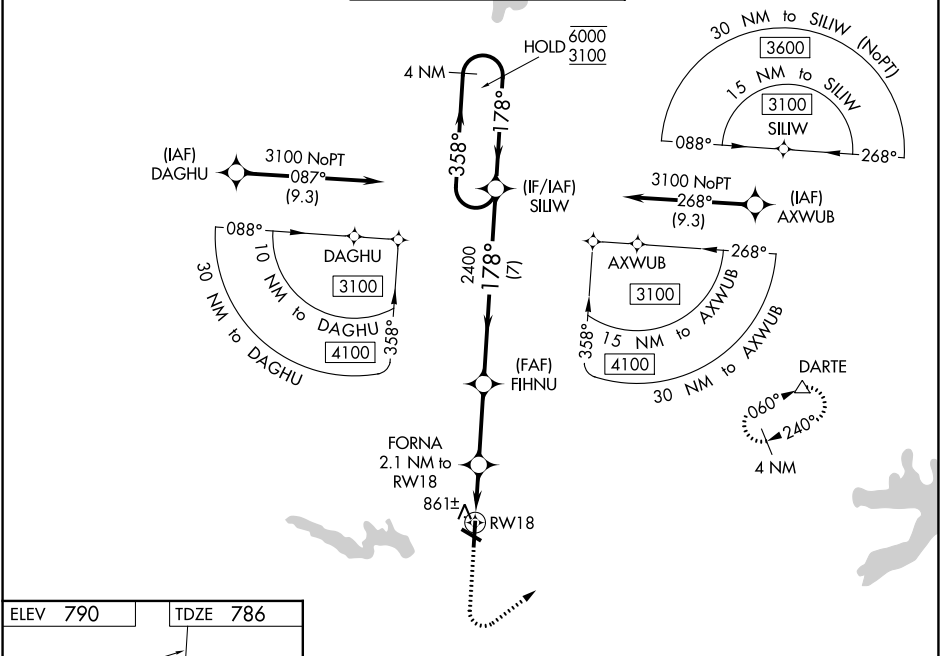
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 62938 W18A	APP CRS 178°	Rwy Ldg TDZE 786 Apt Elev 790	5004
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RNAV (GPS) RWY 18
GEORGETOWN EXEC (GTU)

RNP APCH.		MISSED APPROACH: Climb to 1300 then climbing left turn to 3000 direct DARTE and hold.		
ATIS 118.6	AUSTIN APP CON 119.0 370.85	GEORGETOWN TOWER ★ 120.225 (CTAF) 0	GND CON 119.125	UNICOM 123.0



ELEV 790		TDZE 786	
1300		3000	
* LNAV only.		FORNA 2.1 NM to RW18	
* 0.9 NM to RW18		* 1480	
RW18		SILJW 4 NM Holding Pattern	
GP 3.00° TCH 35		DARTE	
CATEGORY		A	
LPV DA		1036-1 250 (300-1)	
LNAV/VNAV DA		1036-1 250 (300-1)	
LNAV MDA		1120-1 334 (400-1)	
CIRCLING		1240-1 450 (500-1)	
		1340-1 550 (600-1)	
		1360-1½ 570 (600-1½)	
		1640-2¾ 850 (900-2¾)	

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

GEORGETOWN, TEXAS

AL-5724 (FAA)

26190

APP CRS	Rwy Ldg	4099
295°	TDZE	777
	Apt Elev	790

RNAV (GPS) RWY 29

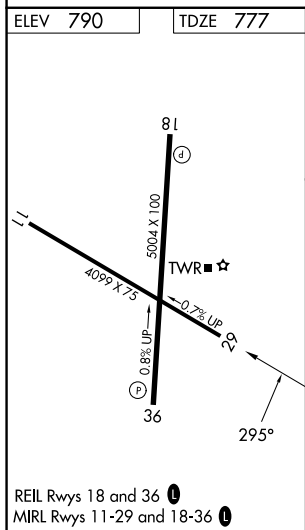
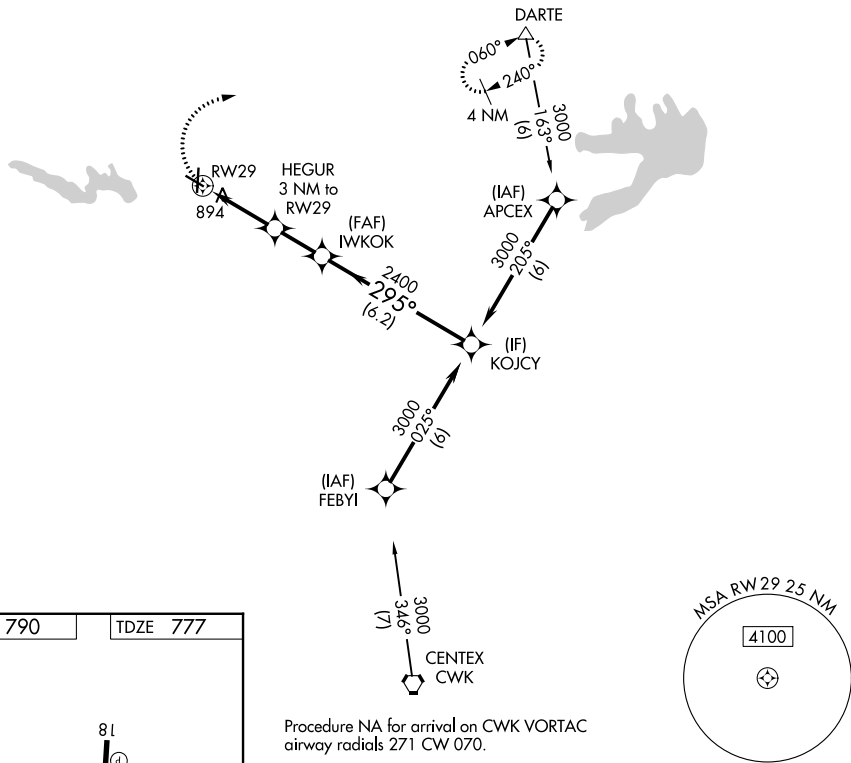
GEORGETOWN EXEC (GTU)

RNP APCH.

▼ Rwy 29 helicopter visibility reduction below ¼ SM NA. VDP NA when using Skylark Field altimeter setting. When local altimeter setting not received, use Skylark Field altimeter setting and increase all MDA 80 feet increase LNAV and Circling Cat C/D visibility ¼ SM.

MISSED APPROACH: Climbing right turn to 3000 direct DARTE and hold.

ATIS 118.6	AUSTIN APP CON 119.0 370.85	GEORGETOWN TOWER ★ 120.225 (CTAF) 0	GND CON 119.125	UNICOM 123.0
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3000 		DARTE 		HEGUR 3 NM to RW29 IWKOK KOJCY	
 RW29		1.2 NM to RW29 		3.04° TCH 40 1760 2400	
295°		3000			
1.2		1.8		2 NM	
6.2 NM					
CATEGORY	A		B		C
LNAV MDA	1220-1 443 (500-1)		1220-1 3/8 443 (500-1 3/8)		
CIRCLING	1240-1 450 (500-1)	1340-1 550 (600-1)	1360-1 1/2 570 (600-1 1/2)	1640-2 3/4 850 (900-2 3/4)	

GEORGETOWN, TEXAS
Amdt 1A 16JUL20

30°41'N-97°41'W

GEORGETOWN EXEC (GTU)

RNAV (GPS) RWY 29

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 72738 W36A	APP CRS 358°	Rwy Ldg 5004 TDZE 765 Apt Elev 790
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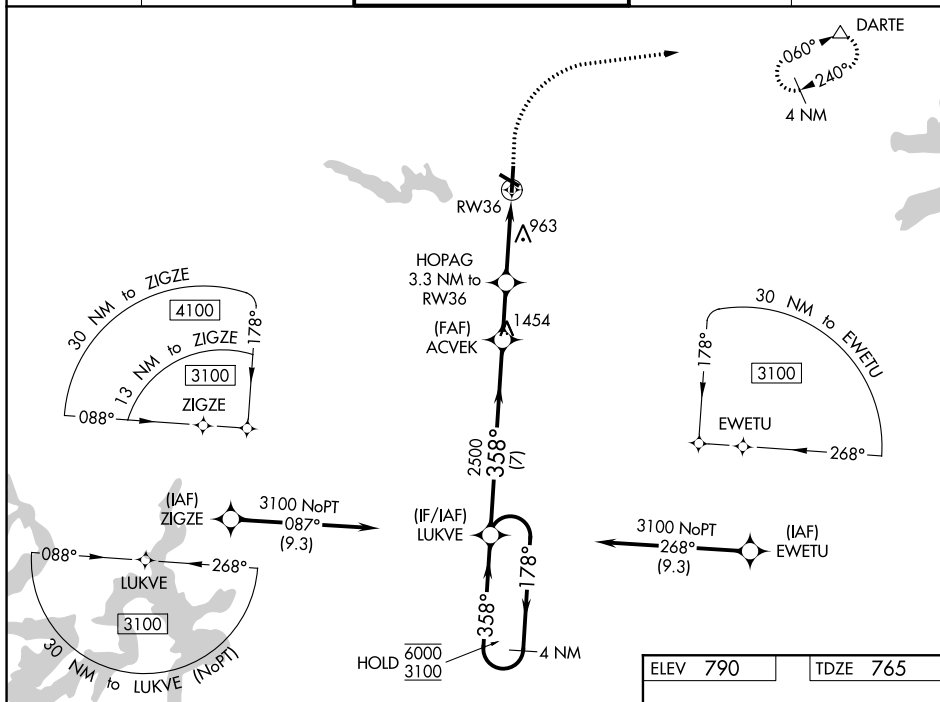
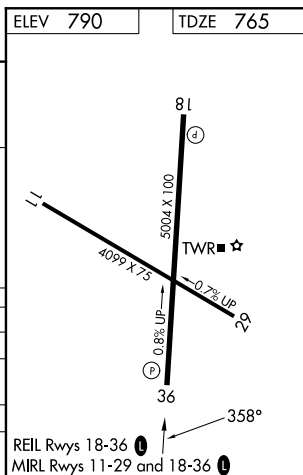
RNAV (GPS) RWY 36
GEORGETOWN EXEC (GTU)

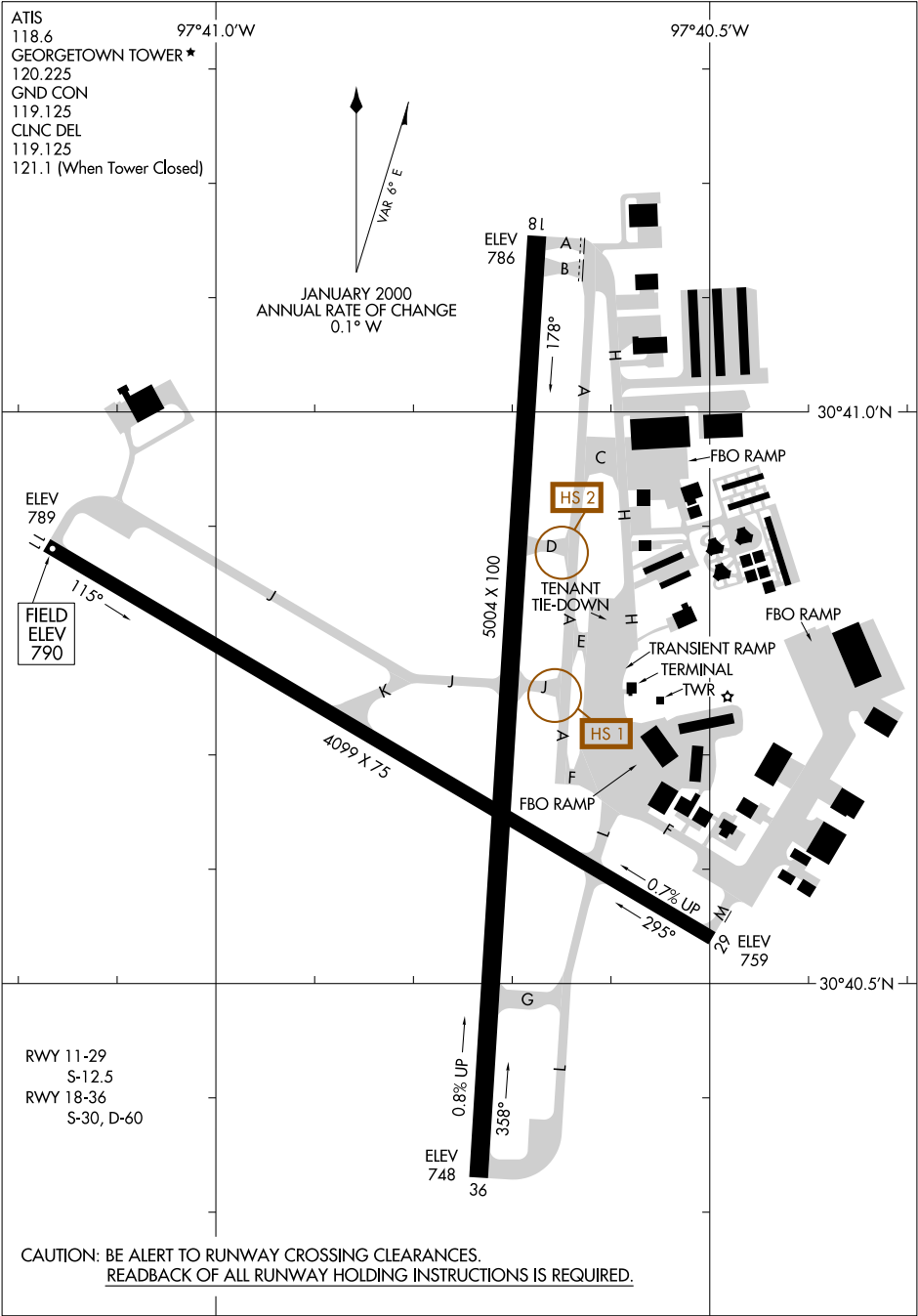
RNP APCH.

- T** Circling Rwy 29 NA at night.
Rwy 36 helicopter visibility reduction below $\frac{3}{4}$ SM NA.
- A** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 1300 then climbing right turn to 3000 direct DARTE and hold.

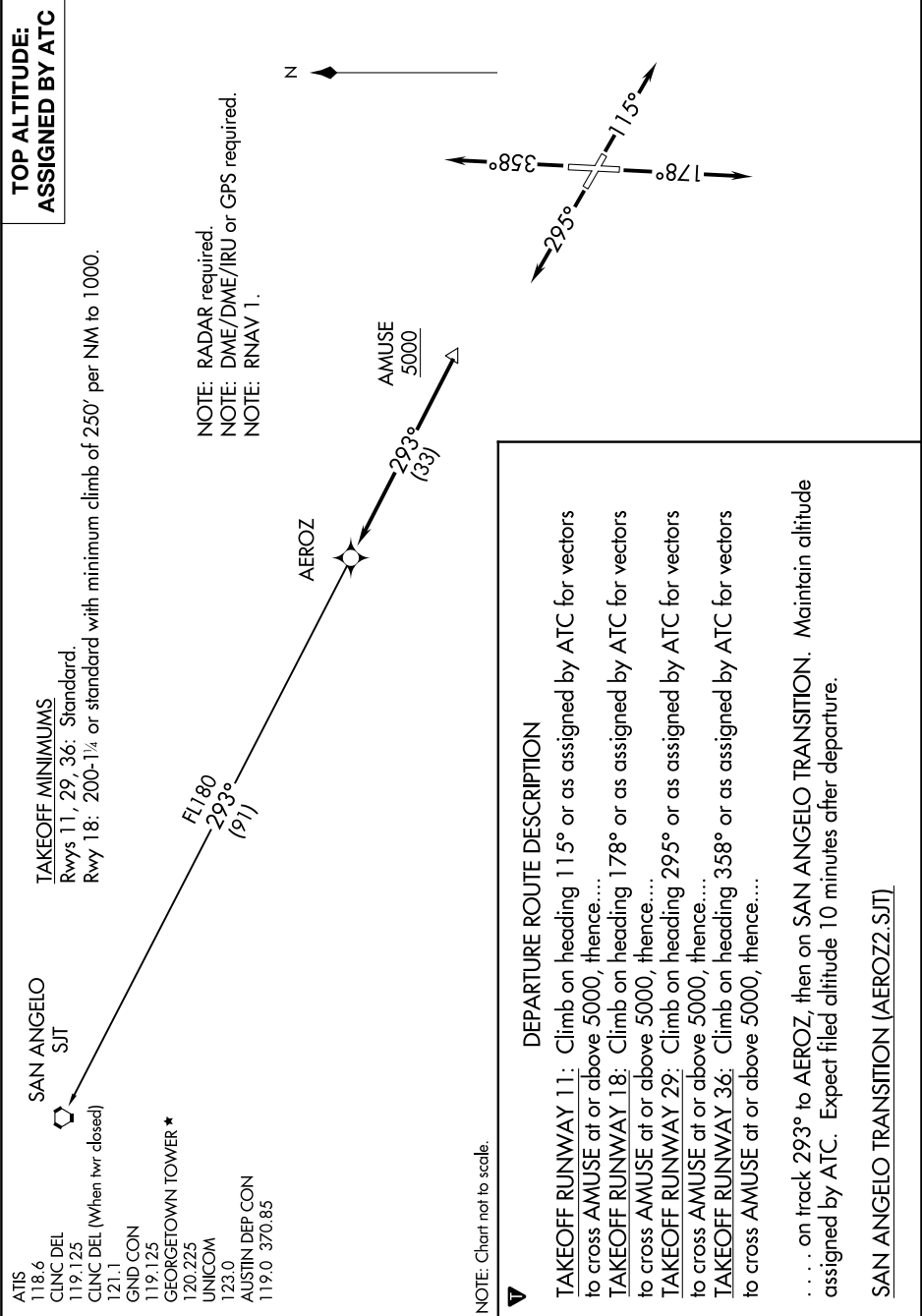
ATIS 118.6	AUSTIN APP CON 119.0 370.85	GEORGETOWN TOWER ★ 120.225 (CTAF) 0	GND CON 119.125	UNICOM 123.0
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[illegible]



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

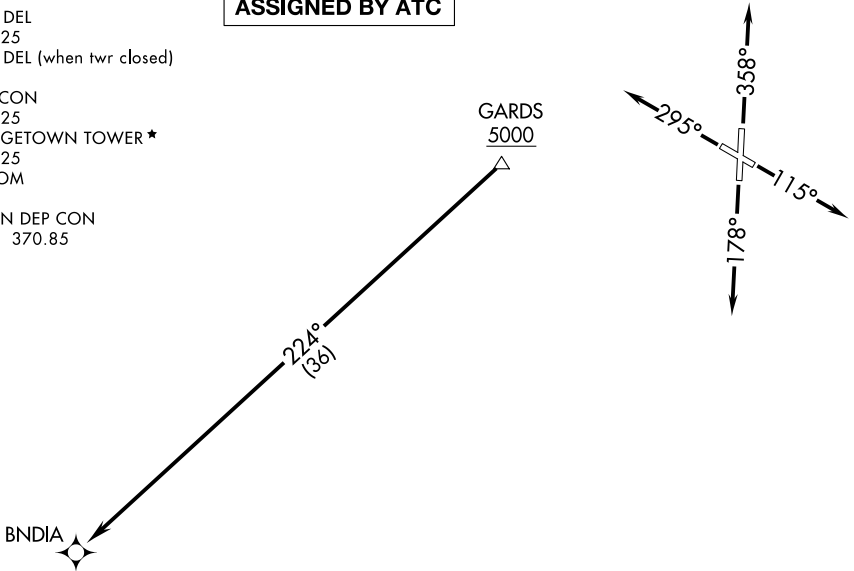


BNDIA THREE DEPARTURE (RNAV)

ATIS
118.6
CLNC DEL
119.125
CLNC DEL (when twr closed)
121.1
GND CON
119.125
GEORGETOWN TOWER ★
120.225
UNICOM
123.0
AUSTIN DEP CON
119.0 370.85

TOP ALTITUDE:
ASSIGNED BY ATC

GARDS
5000



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

TAKEOFF MINIMUMS:

Rwys 11, 29, 36: Standard.

Rwy 18: 200-1¼ or standard with minimum climb of 250' per NM to 1000.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climb on heading 115° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence....

TAKEOFF RUNWAY 18: Climb on heading 178° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence....

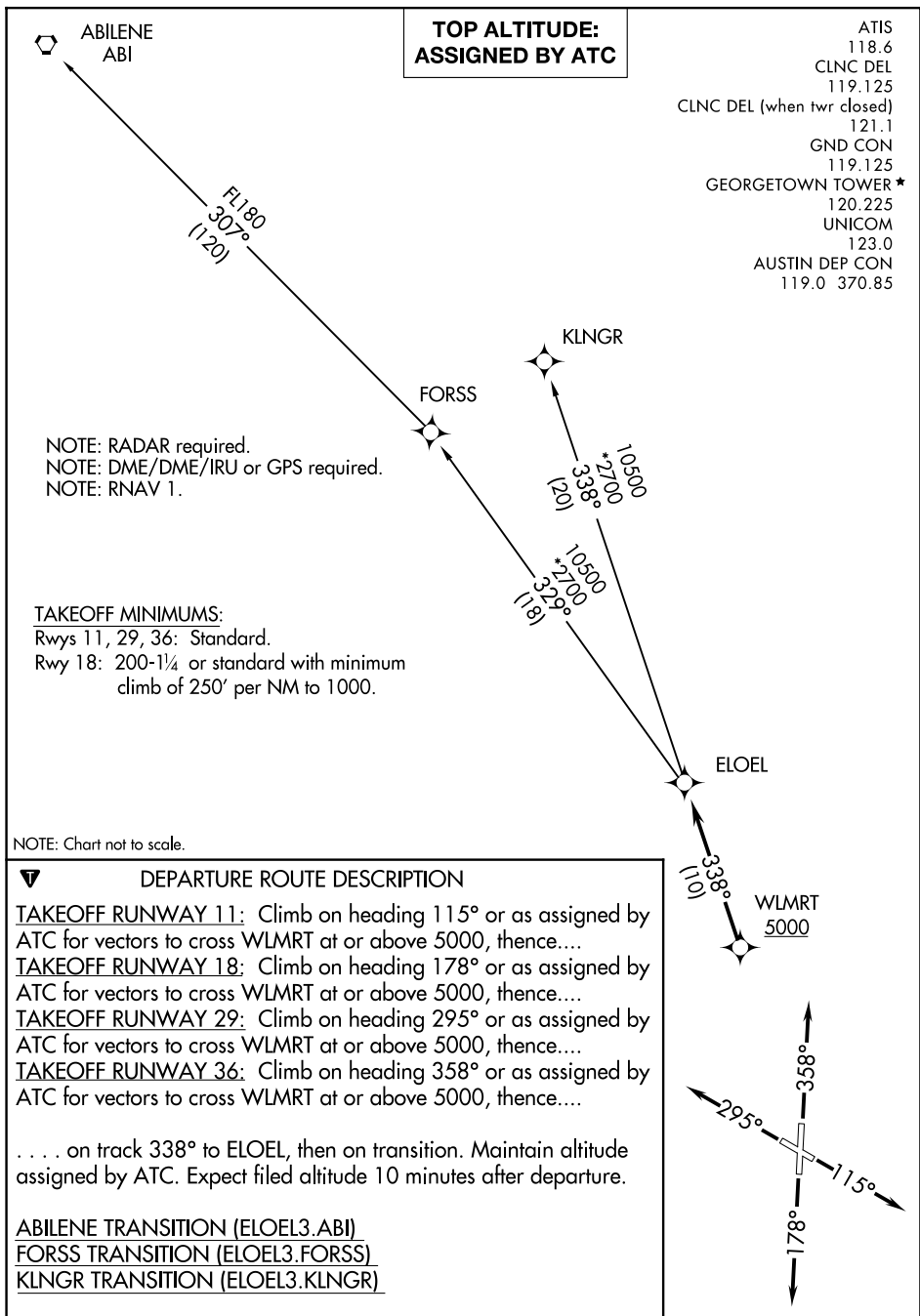
TAKEOFF RUNWAY 29: Climb on heading 295° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence....

TAKEOFF RUNWAY 36: Climb on heading 358° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence....

....on track 224° BNDIA. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

BNDIA THREE DEPARTURE (RNAV)

(BNDIA3.BNDIA) 22APR21



ELOEL THREE DEPARTURE (RNAV)

(ELOEL3.ELOEL) 22APR21

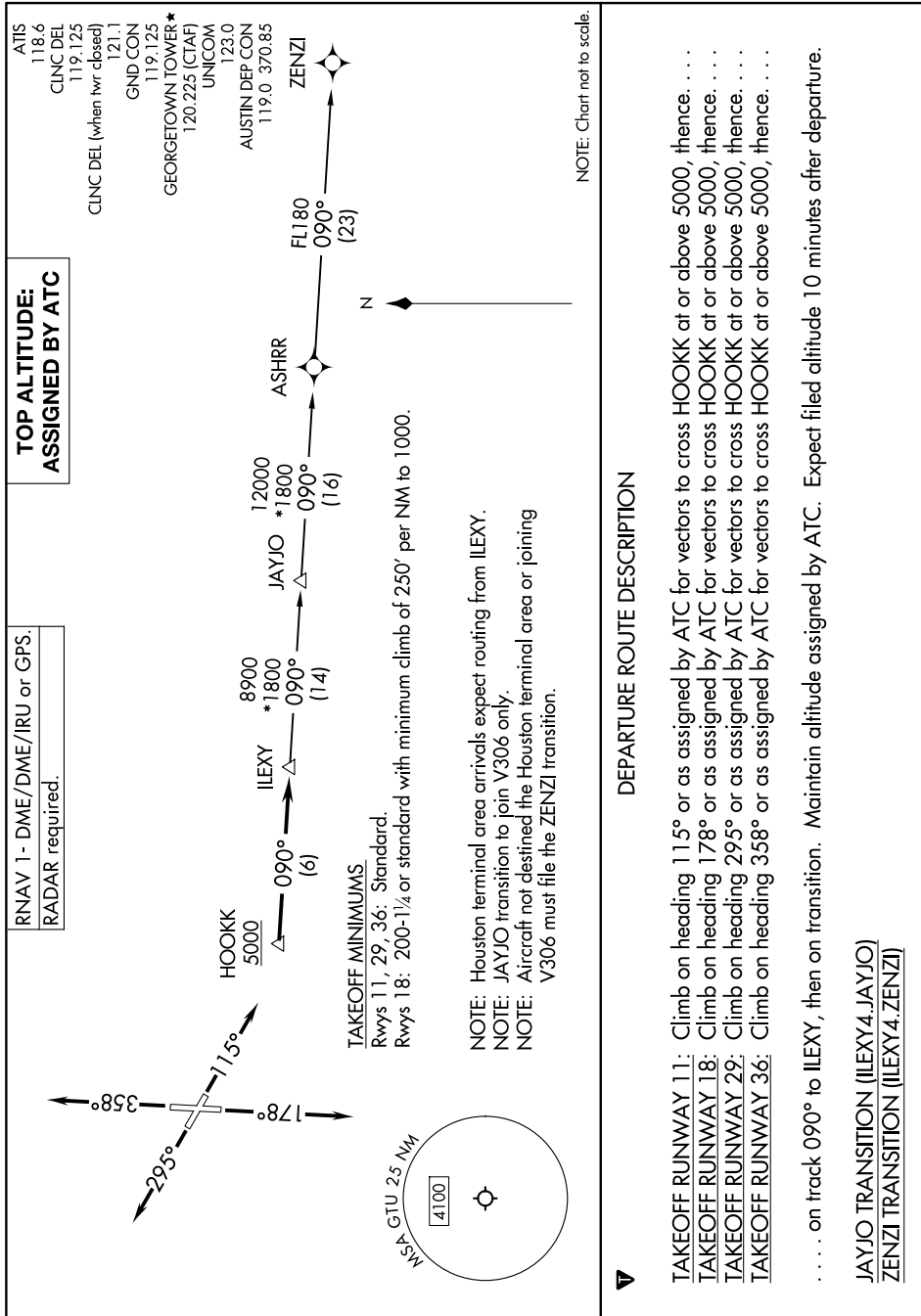
GEORGETOWN, TEXAS

GEORGETOWN EXEC (GTU)

(ILEXY4.ILEXY) 23166

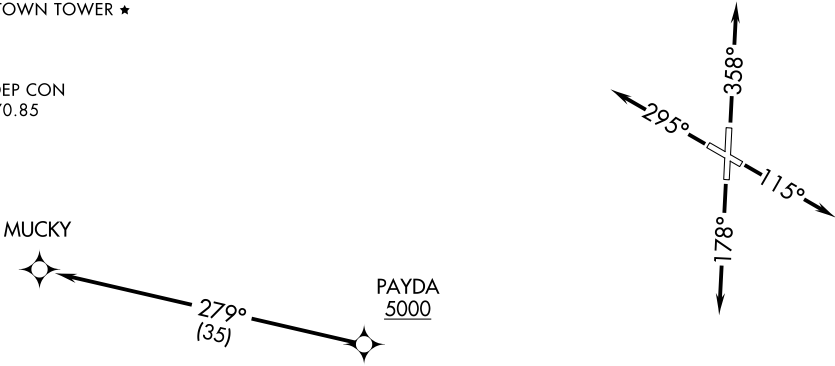
ILEXY FOUR DEPARTURE (RNAV) AL-5724 (FAA)

GEORGETOWN EXEC (GTU)
GEORGETOWN, TEXAS



ATIS
118.6
CLNC DEL
119.125
CLNC DEL (when twr closed)
121.1
GND CON
119.125
GEORGETOWN TOWER ★
120.225
UNICOM
123.0
AUSTIN DEP CON
119.0 370.85

TOP ALTITUDE:
ASSIGNED BY ATC



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

TAKEOFF MINIMUMS:

Rwys 11, 29, 36: Standard.
Rwy 18: 200-1¼ or standard with minimum
climb of 250' per NM to 1000.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climb on heading 115° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .
TAKEOFF RUNWAY 18: Climb on heading 178° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .
TAKEOFF RUNWAY 29: Climb on heading 295° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 358° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .

. . . .on track 279° to MUCKY. Maintain altitude assigned by ATC.
Expect filed altitude 10 minutes after departure.

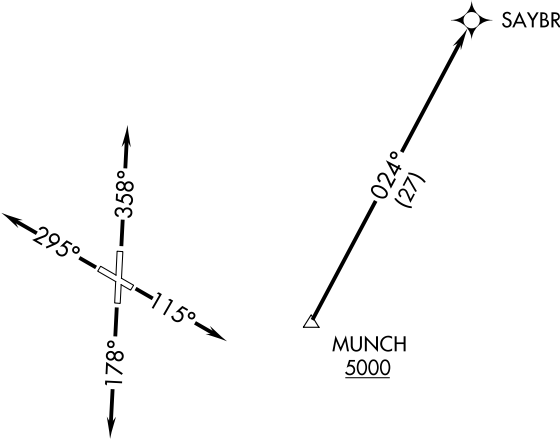
(SAYBR3.SAYBR) 22195

SAYBR THREE DEPARTURE (RNAV) AL-5724 (FAA)

GEORGETOWN EXEC(GTU)
GEORGETOWN, TEXAS

ATIS
118.6
CLNC DEL
119.125
121.1 (when twr closed)
GND CON
119.125
GEORGETOWN TOWER★
120.225
UNICOM
123.0
AUSTIN DEP CON
119.0 370.85

TOP ALTITUDE:
ASSIGNED BY ATC



- NOTE: RADAR required.
- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: For DFW terminal area arrivals at FL230 or below only.

TAKEOFF MINIMUMS

Rwys 11, 29, 36: Standard.
Rwy 18: 200-1¼ or standard with minimum climb of 250' per NM to 1000.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 11: Climb on heading 115° or as assigned by ATC for vectors to cross MUNCH at or above 5000, thence. . . .
- TAKEOFF RUNWAY 18: Climb on heading 178° or as assigned by ATC for vectors to cross MUNCH at or above 5000, thence. . . .
- TAKEOFF RUNWAY 29: Climb on heading 295° or as assigned by ATC for vectors to cross MUNCH at or above 5000, thence. . . .
- TAKEOFF RUNWAY 36: Climb on heading 358° or as assigned by ATC for vectors to cross MUNCH at or above 5000, thence. . . .

. . . .on track 024° to SAYBR. Maintain altitude assigned by ATC.
Expect filed altitude 10 minutes after departure.

SAYBR THREE DEPARTURE (RNAV)
(SAYBR3.SAYBR) 22APR21

GEORGETOWN, TEXAS
GEORGETOWN EXEC(GTU)

RNAV (GPS) RWY 11

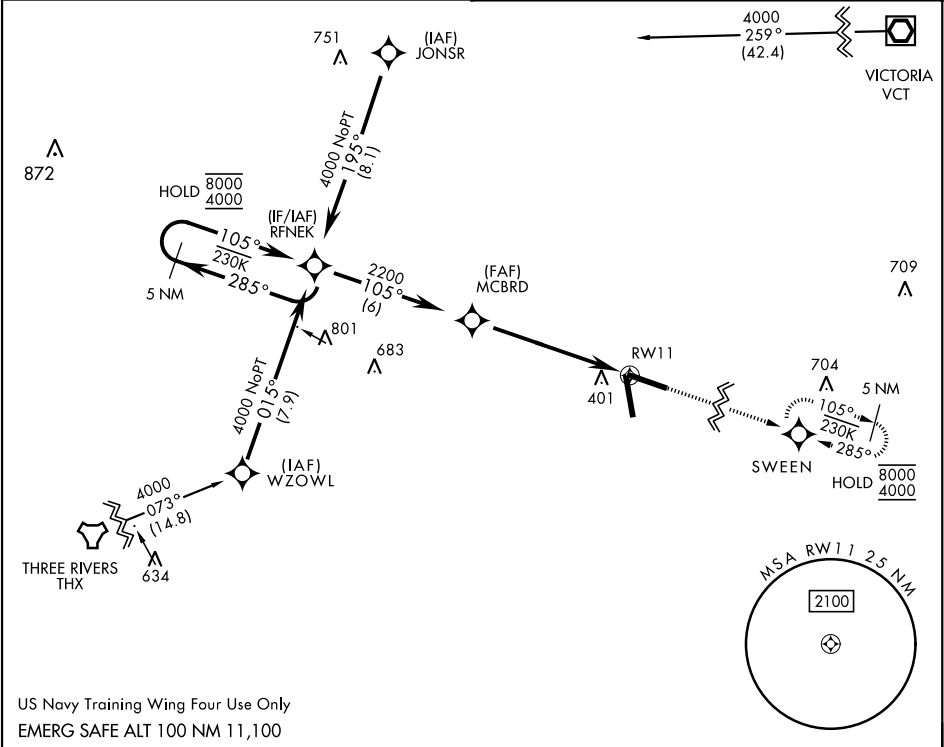
APCH CRS	Rwy Idg
105°	8000
TDZE	318
Arpt Elev	322

[USN]

GOLIAD NOLF (KNGT)

RNP APCH	MISSED APPROACH: Climb to 4000 direct SWEEN and hold, continue climb-in-hold to 4000.
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ASOS 353.675	CTAF 132.875 307.075
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US Navy Training Wing Four Use Only	ELEV 322	TDZE 318
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5 NM Holding Pattern	RFNEK	VDP NA with Beeville Muni altimeter setting.	4000	SWEEN
8000 4000	285° 105°	MCBRD 2200	1.1 NM to RW11	RW11
		3.00° TCH 54	5.7 NM	
CATEGORY	A	B	C	D
RNAV MDA	720-1 402 (400-1)	720-1½ 402 (400-1½)		
CIRCLING	800-1 478 (500-1)	820-1 498 (500-1)	820-1½ 498 (500-1½)	880-2 558 (600-2)
BEEVILLE MUNI ALTIMETER SETTING MINIMA				
RNAV MDA	760-1 442 (500-1)	760-1¾ 442 (500-1¾)		
CIRCLING	800-1 478 (500-1)	820-1 498 (500-1)	820-1½ 498 (500-1½)	880-2 558 (600-2)
HIRL Rwy 11-29, 17-35 TDZL Rwy 11-29, 17-35				

RNAV (GPS) RWY 11

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

BERCLAIR, TEXAS

RNAV (GPS) RWY 17

APCH CRS	Rwy Idg	8001
166°	TDZE	322
	Arpt Elev	322

[USN]

GOLIAD NOLF (KNGT)

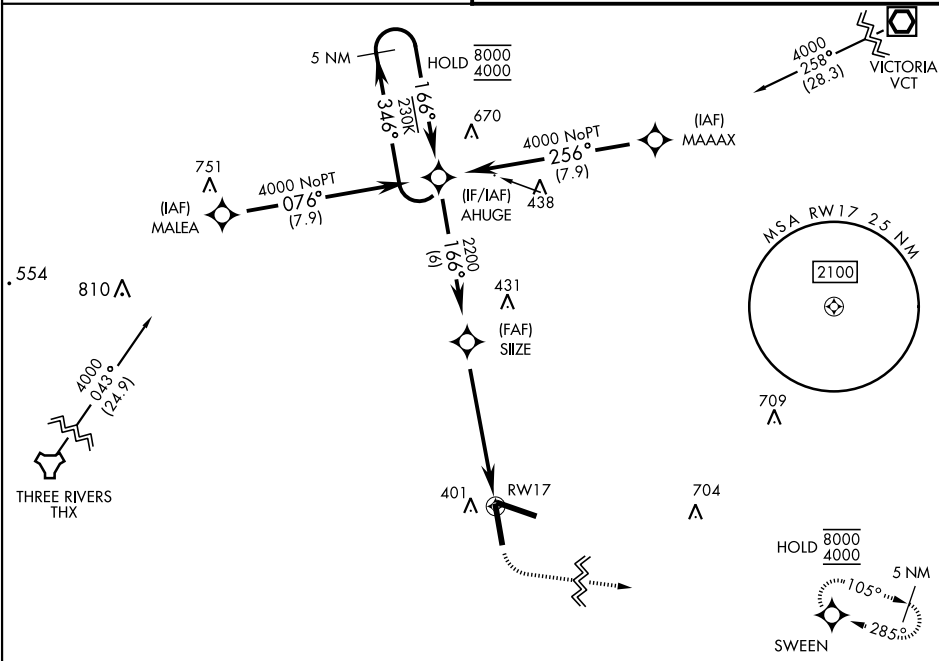
RNP APCH

When local altimeter setting not received, use Beeville Muni altimeter setting.

MISSED APPROACH: Climb to 900 then climbing left turn to 4000 direct SWEEN and hold, continue climb-in-hold to 4000.

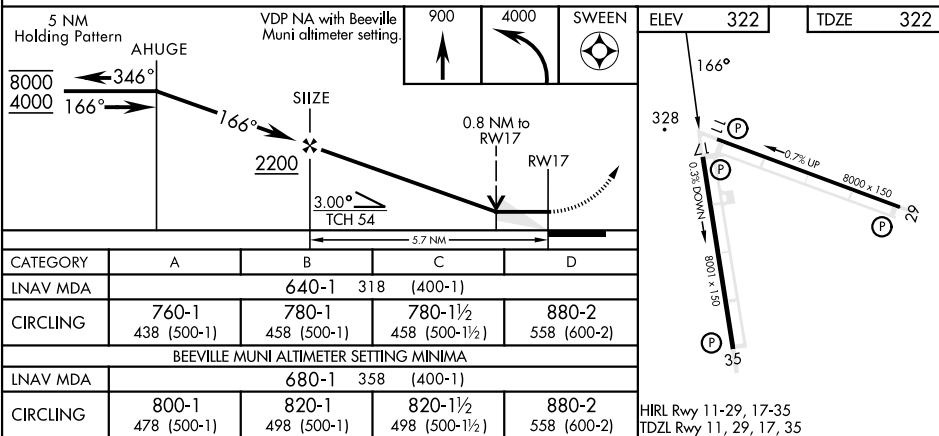
ASOS
353.675

	CTAF
132.875	307.075



US NAVY Training Wing Four Use Only

EMERG SAFE ALT 100 NM 11,100



BERCLAIR, TEXAS

28° 37' N-97° 37' W

GOLIAD NOLF (KNGT)

Amdt 3 05OCT23

RNAV (GPS) RWY 17

SC-3, 03 SEP 2026 to 29 OCT 2026

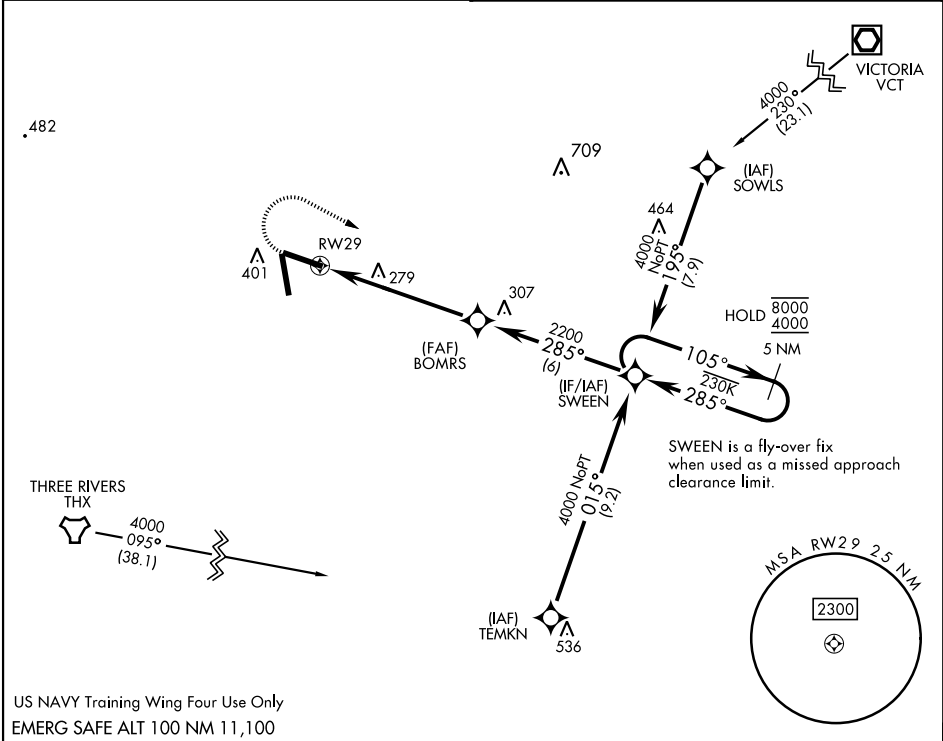
RNAV (GPS) RWY 29

APCH CRS	Rwy Idg
285°	8000
TDZE	285
Arpt Elev	322

[USN]

GOLIAD NOLF (KNGT)

RNP APCH	MISSED APPROACH: Climb to 900 then climbing right turn to 4000 direct SWEEN and hold, continue climb-in-hold to 4000.
When local altimeter setting not received, use Beeville Muni altimeter setting.	
ASOS 353.675	CTAF 132.875 307.075



US NAVY Training Wing Four Use Only
EMERG SAFE ALT 100 NM 11,100

900	4000	SWEEN	VDP NA with Beeville Muni altimeter setting.	SWEEN	5 NM Holding Pattern	ELEV 322	TDZE 285
The detailed approach diagram shows the final descent and landing path. It includes the (FAF) BOMRS at 2200 feet, the (IF/IAF) SWEEN at 2300 feet, and the (IAF) SOWLS at 4000 feet. The chart also shows the (IAF) SOWLS at 4000 feet, the (IAF) SOWLS at 4000 feet, and the (IAF) SOWLS at 4000 feet.							
CATEGORY	A	B	C	D			
LNAV MDA	580-1 295 (300-1)						
CIRCLING	760-1 438 (500-1)	780-1 458 (500-1)	780-1½ 458 (500-1½)	880-2 558 (600-2)			
BEEVILLE MUNI ALTIMETER SETTING MINIMA							
LNAV MDA	640-1 355 (400-1)						
CIRCLING	800-1 478 (500-1)	820-1 498 (500-1)	820-1½ 498 (500-1½)	880-2 558 (600-2)			
HIRL Rwy 11-29, 17-35 TDZL Rwy 11, 29, 17, 35							

RNAV (GPS) RWY 29

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

BERCLAIR, TEXAS

RNAV (GPS) RWY 35

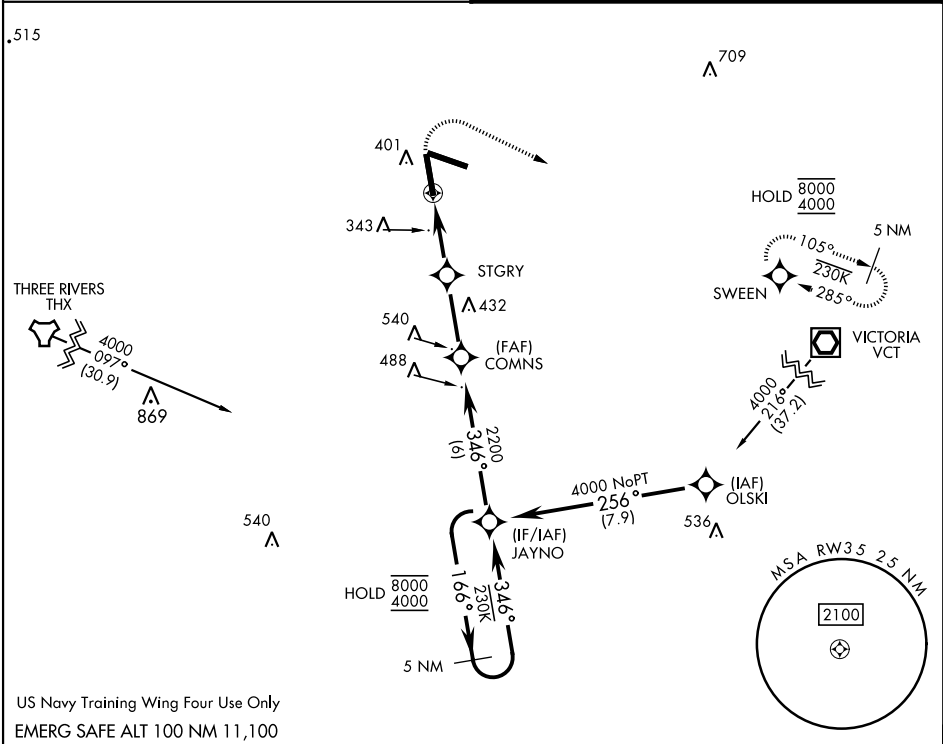
APCH CRS	Rwy Idg
346°	8001
TDZE	307
Arpt Elev	322

[USN]

GOLIAD NOLF (KNGT)

RNP APCH	MISSED APPROACH: Climb to 900 then climbing right turn to 4000 direct SWEEN and hold, continue climb-in-hold to 4000.
When local altimeter setting not received, use Beeville Muni altimeter setting.	

ASOS 353.675	CTAF 132.875 307.075
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900	4000	SWEEN	VDP NA with Beeville Muni altimeter setting.	JAYNO	5 NM Holding Pattern	ELEV 322	TDZE 307
CATEGORY	A	B	C	D			
LNAV MDA	620-1 313 (300-1)						
CIRCLING	760-1 438 (500-1)	780-1 458 (500-1)	780-1½ 458 (500-1½)	880-2 558 (600-2)			
BEEVILLE MUNI ALTIMETER SETTING MINIMA							
LNAV MDA	660-1 353 (400-1)						
CIRCLING	800-1 478 (500-1)	820-1 498 (500-1)	820-1½ 498 (500-1½)	880-2 558 (600-2)			

BERCLAIR, TEXAS

28°37'N-97°37'W

GOLIAD NOLF (KNGT)

Amtd 3 05OCT23

RNAV (GPS) RWY 35

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

22167

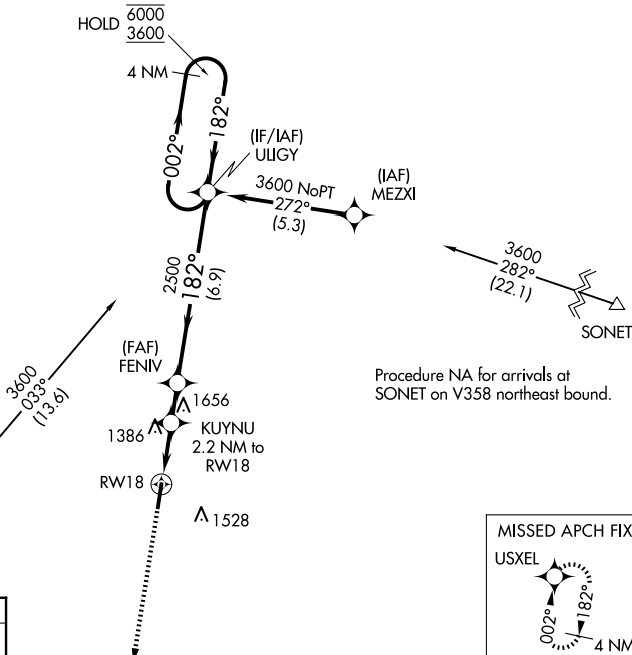
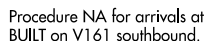
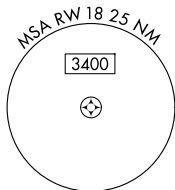
RNAV (GPS) RWY 18

HAMILTON MUNI (MNZ)

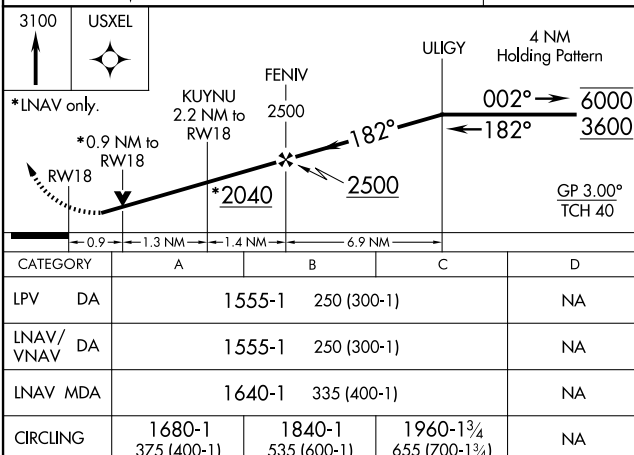
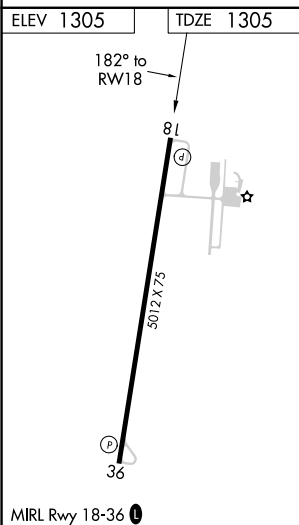
T Rwy 18 helicopter visibility reduction below $\frac{3}{4}$ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA
below -17°C or above 54°C.

AWOS-3PT
118.525

GRAY APP CON
120.075 323.15

UNICOM
122.7 (CTAF) **L**

Procedure NA for arrivals at
SONET on V358 northeast bound.



HAMILTON MUNI (MNZ)

RNAV (GPS) RWY 18

HAMILTON, TEXAS

AL-6984 (FAA)

22167

WAAS CH 50229 W36A	APP CRS 002°	Rwy Idg TDZE 1304 Apt Elev 1305
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RNAV (GPS) RWY 36

HAMILTON MUNI (MNZ)

RNP APCH-GPS.

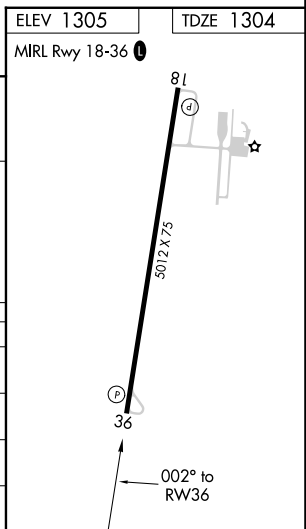
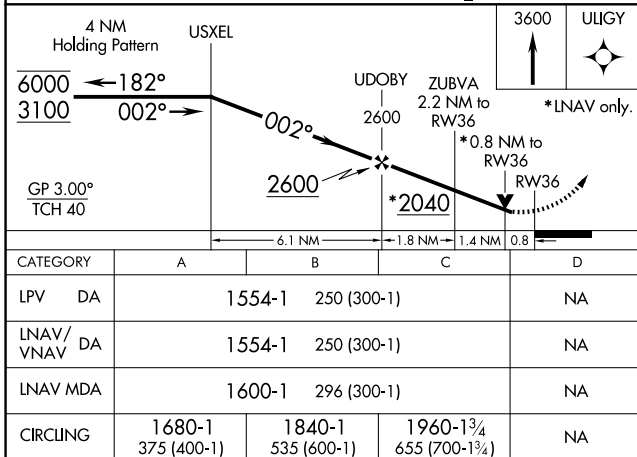
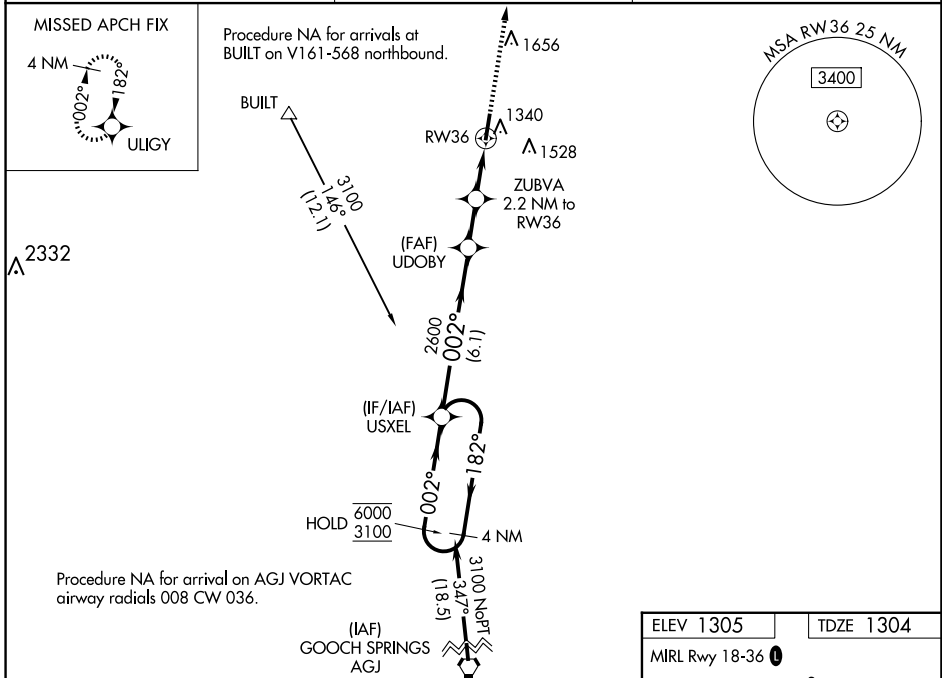
⚠ Rwy 36 helicopter visibility reduction below $\frac{3}{4}$ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA
below -17°C or above 54°C.

MISSED APPROACH: Climb to 3600 direct ULGY and hold.

AWOS-3PT
118.525

GRAY APP CON
120.075 323.15

UNICOM
122.7 (CTAF) 0



HAMILTON, TEXAS
Amdt 1E 16JUN22

31°40'N-98°09'W

RNAV (GPS) RWY 36

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-HRL	APP CRS	Rwy Ldg	9400
111.5	178°	TDZE	35
Chan 52		Apt Elev	36

ILS or LOC RWY 18R

VALLEY INTL (HRL)

RNP APCH - GPS.

▼

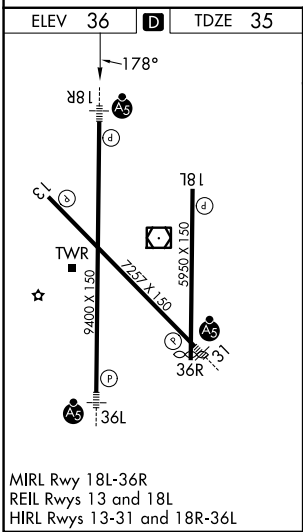
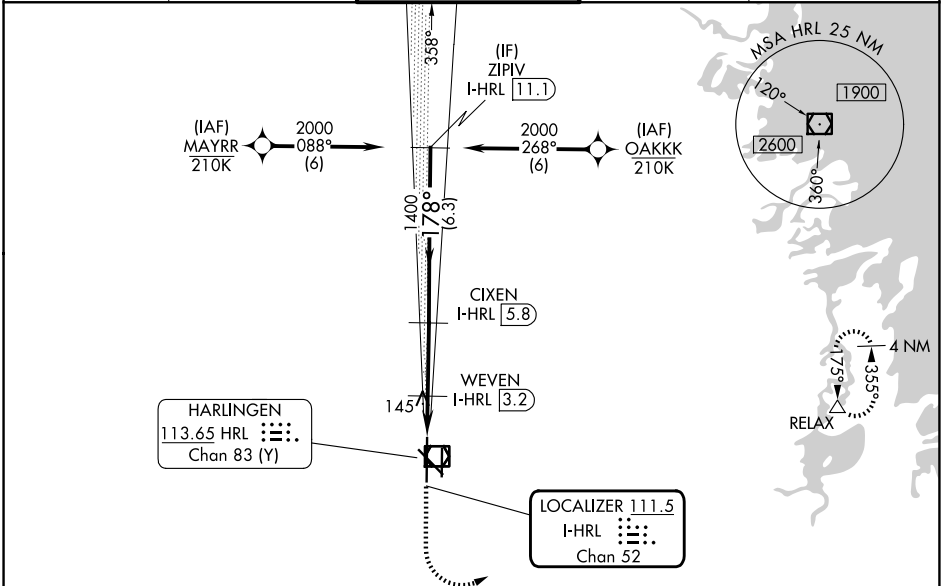
▲

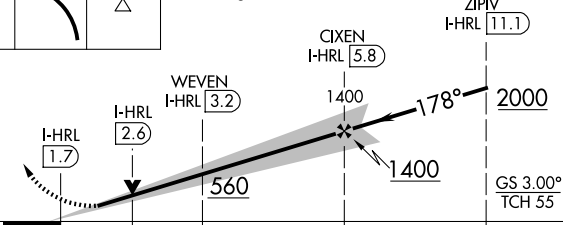
When local altimeter setting not received, use Port Isabel altimeter setting: increase S-ILS 18R DA to 277 feet; increase all MDAs 60 feet and S-LOC 18R visibility Cat C/D to RVR 4000 and Circling Cat C/D ¼ SM. For inop ALS when using Port Isabel altimeter setting, increase S-LOC 18R visibility Cat C/D to RVR 5500. VDP NA when using Port Isabel altimeter setting.
*RVR 1800 authorized with use of FD or AP or HUD to DA . (NA when using secondary altimeter setting).

MALSR

MISSED APPROACH: Climb to 500 then climbing left turn to 2000 direct RELAX and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 279.5	119.3 (CTAF) 0 317.6	121.7	122.95



500	2000	RELAX △	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71)	
				
CATEGORY	A	B	C	D
S-ILS 18R*	235/24		200 (200-½)	
S-LOC 18R	400/24	365 (400-½)	400/35	365 (400-¾)
CIRCLING	460-1 424 (500-1)	560-1 524 (600-1)	600-1½ 564 (700-1½)	680-2 644 (700-2)

HARLINGEN, TEXAS

AL-827 (FAA)

25275

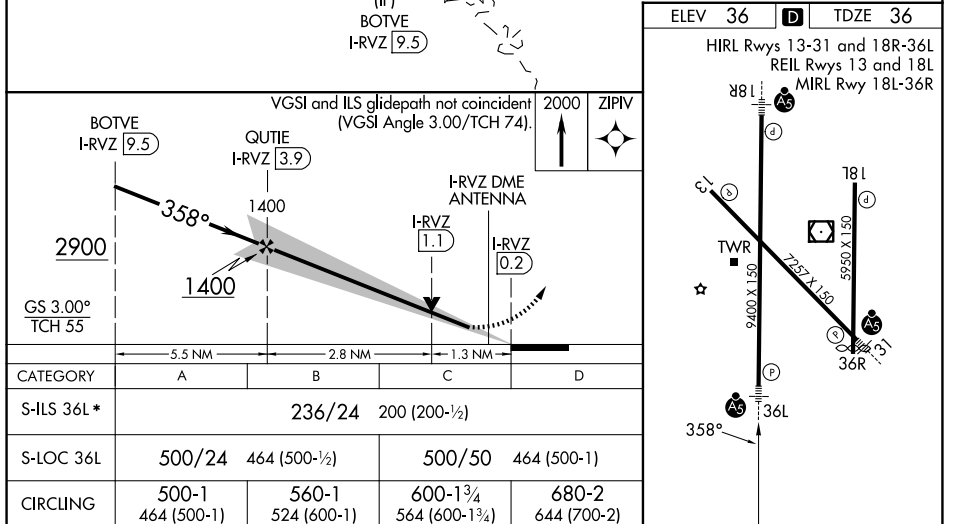
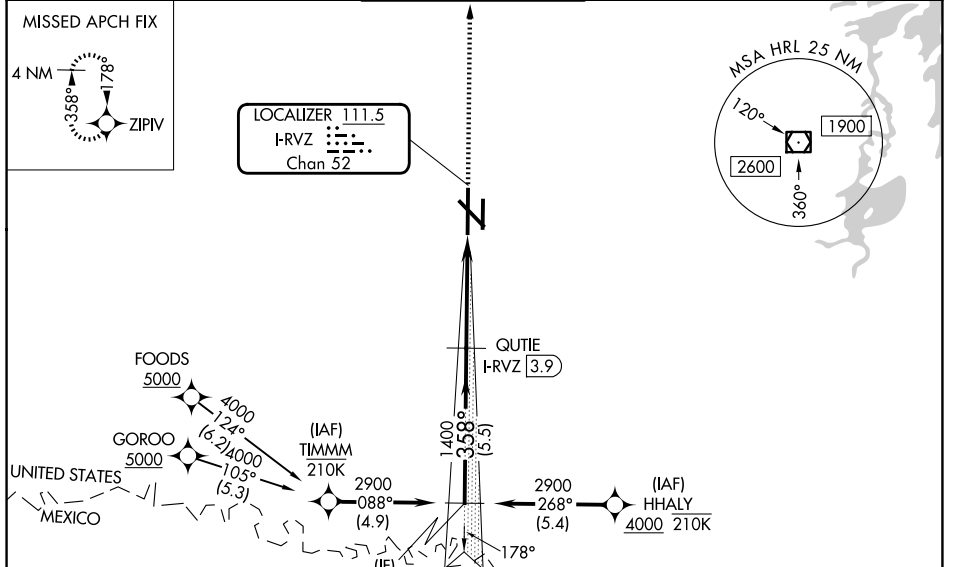
LOC/DME I-RVZ 111.5 Chan 52	APP CRS 358°	Rwy Ldg TDZE 36 Apt Elev 36
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ILS or LOC RWY 36L

VALLEY INTL (HRL)

RNP APCH - GPS.		MALSR 	MISSED APPROACH: Climb to 2000 direct ZIFV and hold.
DME required. ▼ VDP NA when using PIL altimeter setting. When local altimeter setting not received, use Port Isabel altimeter setting and increase S-ILS 36L DA to 278 feet; increase all MDAs 60 feet and S-LOC 36L Cats C and D visibilities to RVR 5500 and Circling visibility Cats C and D ¼ SM. For inop ALS, increase S-LOC 36L Cat C/D visibility to 1 ½ SM. * RVR 1800 authorized with use of FD or AP or HUD to DA (NA when using PIL altimeter setting).			

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3 (CTAF) 0 317.6	GND CON 121.7	UNICOM 122.95
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HARLINGEN, TEXAS
Orig-A 03OCT24

26°14'N-97°39'W

VALLEY INTL (HRL)

ILS or LOC RWY 36L

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-HRL
111.5
Chan **52**

APP CRS
178°

Rwy Ldg
TDZE **35**
Apt Elev **36**

ILS RWY 18R(SA CAT I & II)
VALLEY INTL (HRL)

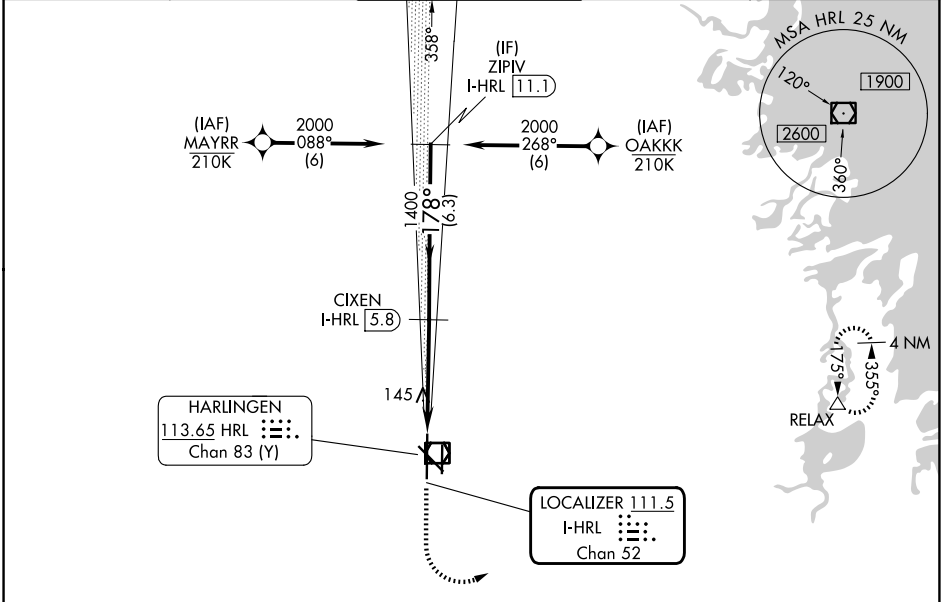
RNP APCH - GPS.

Requires specific OPSPEC, MSPEC, or LOA approval.
Procedure NA when tower closed.

MALSR

MISSED APPROACH: Climb to 500
then climbing left turn to 2000 direct
RELAX and hold.

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3 (CTAF) 317.6	GND CON 121.7	UNICOM 122.95
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ELEV **36** **D** TDZE **35**

MIRL Rwy 18L-36R
REIL Rwy 13 and 18L
HRL Rwy 13-31 and 18R-36L

500
↑

2000
↶

RELAX
△

VGSI and ILS glidepath not coincident
(VGSI Angle 3.00/TCH 71)

CIXEN I-HRL 5.8

ZIPV I-HRL 11.1

1400

178°

2000

GS 3.00°
TCH 55

CATEGORY	A	B	C	D
S-ILS 18R	SA CAT I	RA 153/14	150	DA 185
S-ILS 18R	SA CAT II	RA 104/12	100	DA 135

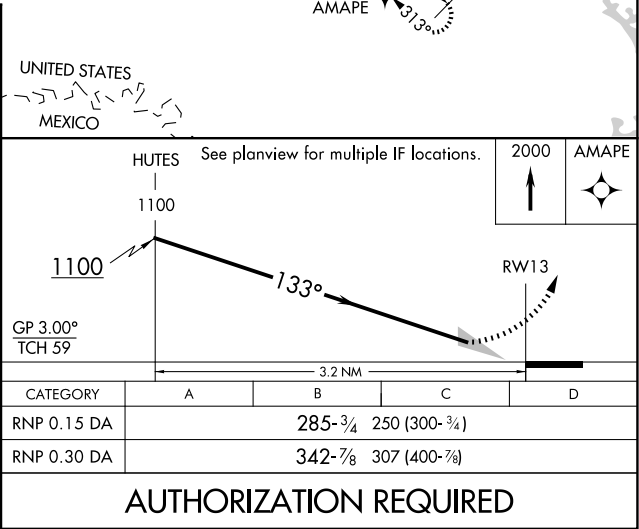
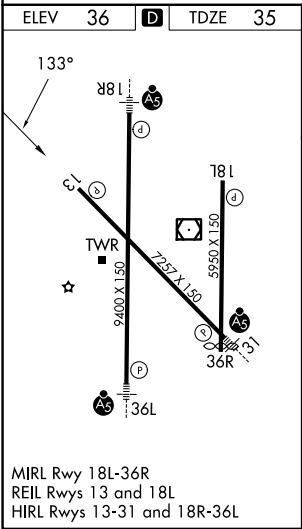
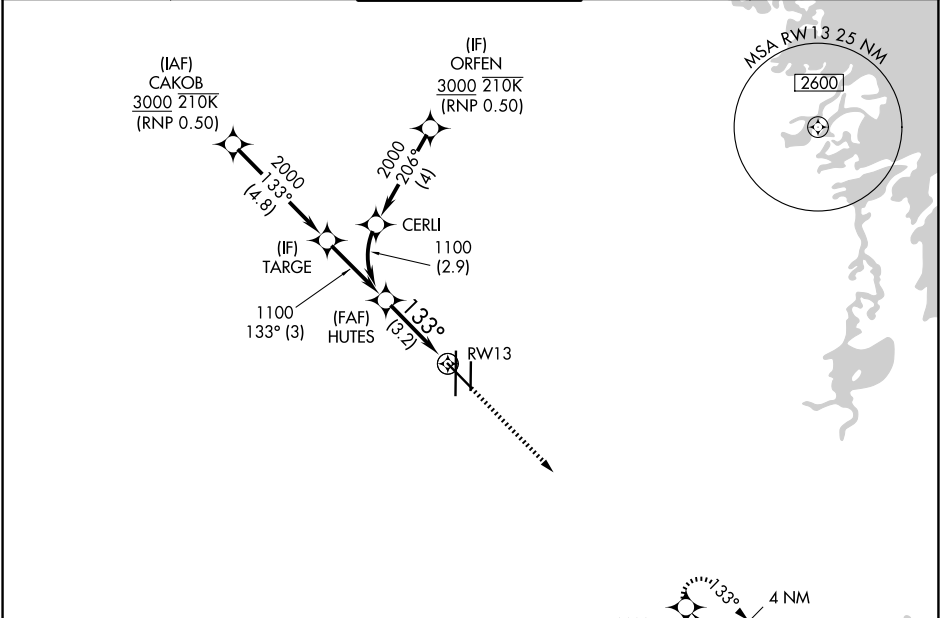
**CATEGORY I & II ILS - SPECIAL AIRCREW
& AIRCRAFT CERTIFICATION REQUIRED**

APP CRS	Rwy Ldg	7257
133°	TDZE	35
	Apt Elev	36

RNAV (RNP) Z RWY 13

VALLEY INTL (HRL)

RNP AR APCH - GPS.			MISSED APPROACH: Climb to 2000 direct AMAPE and hold.	
▼ For uncompensated Baro-VNAV systems, procedure NA below -1°C or above 54°C. When local altimeter setting not received, procedure NA.				
ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3 (CTAF) 0 317.6	GND CON 121.7	UNICOM 122.95



HARLINGEN, TEXAS

AL-827 (FAA)

25275

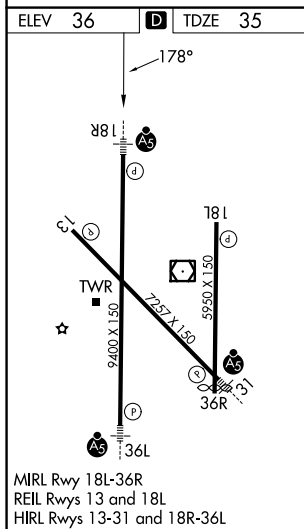
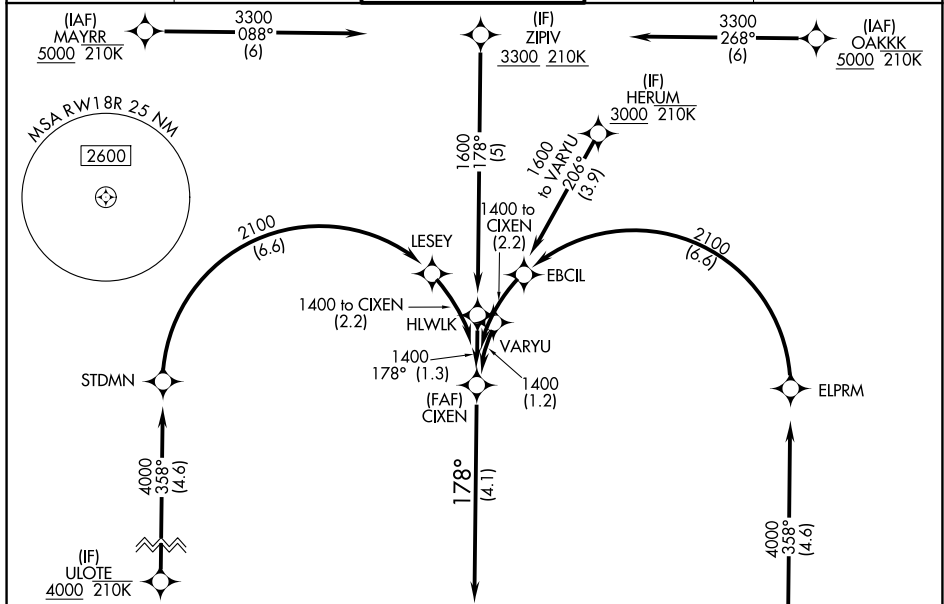
APP CRS	Rwy Ldg	9400
178°	TDZE	35
	Apt Elev	36

RNAV (RNP) Z RWY 18R

VALLEY INTL (HRL)

RNP AR APCH - GPS.	MALSR	MISSED APPROACH: Climb to 500 then climbing left turn to 2000 direct RELAX and hold.
▼ For uncompensated Baro-VNAV systems, procedure NA below -1°C or above 54°C. When local altimeter setting not received, procedure NA. For inop ALS, increase RNP 0.11 all Cats visibility to RVR 4000 and RNP 0.30 all Cats visibility to RVR 4500.		

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER★ 119.3(CTAF) 0 317.6	GND CON 121.7	UNICOM 122.95
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ELEV 36	TDZE 35
178°	
RWY 18R	
MISSED APCH FIX	
RELAX	
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71)	
CIXEN 1400	
GP 3.00° TCH 55	
See planview for multiple IF locations.	
4.1 NM	
CATEGORY	A B C D
RNP 0.11 DA	285/24 250 (300-½)
RNP 0.30 DA	345/24 310 (400-½)
AUTHORIZATION REQUIRED	

HARLINGEN, TEXAS
Amdt 1 11JUL24

26°14'N-97°39'W

RNAV (RNP) Z RWY 18R

VALLEY INTL (HRL)

SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS
313°

Rwy Ldg
TDZE
Apt Elev
7257
36
36

RNAV (RNP) Z RWY 31
VALLEY INTL (HRL)

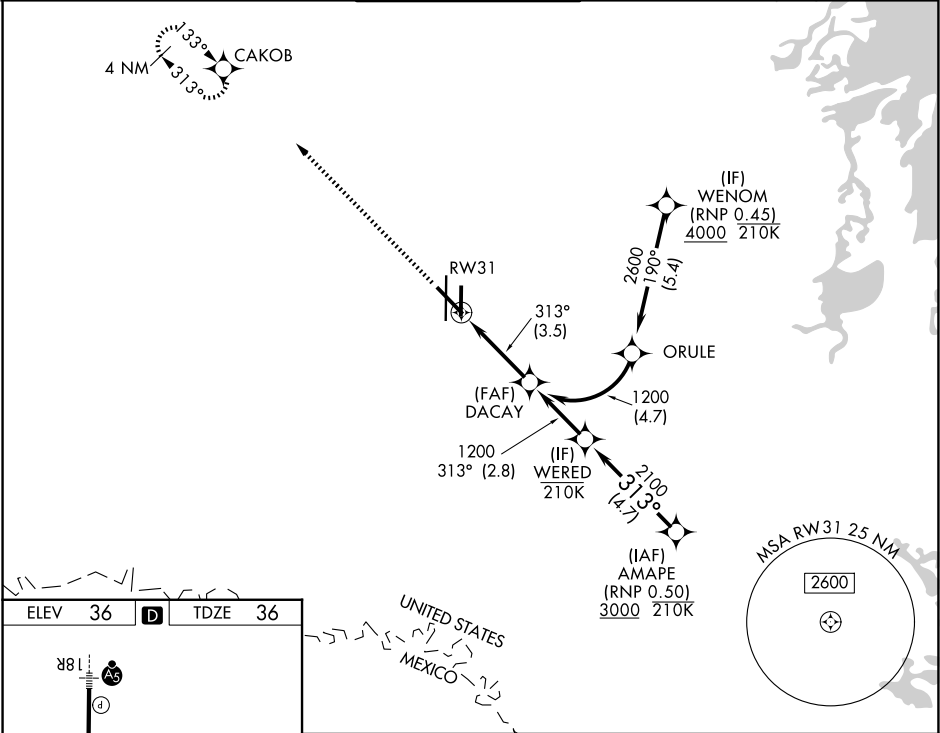
RNP AR APCH - GPS.

▼ For uncompensated Baro-VNAV systems, procedure NA below -1°C or above 54°C. For inop ALS, increase RNP 0.11 all Cats visibilities to ¾ SM and increase RNP 0.30 all Cats visibilities ⅞ SM. When local altimeter setting not received, procedure NA.

MALSR

MISSED APPROACH:
Climb to 2000 direct
CAKOB and hold.

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3(CTAF) 317.6	GND CON 121.7	UNICOM 122.95
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ELEV 36 TDZE 36

2000 CAKOB

See Planview for multiple IF locations.

DACAY 1200

RWY 31

GP 3.00° TCH 55

CATEGORY	A	B	C	D
RNP 0.11 DA		286-½	250 (300-½)	
RNP 0.30 DA		339-½	303 (400-½)	

AUTHORIZATION REQUIRED

HARLINGEN, TEXAS

AL-827 (FAA)

25275

APP CRS	Rwy Ldg	9400
358°	TDZE	36
	Apt Elev	36

RNAV (RNP) Z RWY 36L

VALLEY INTL (HRL)

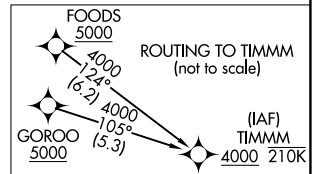
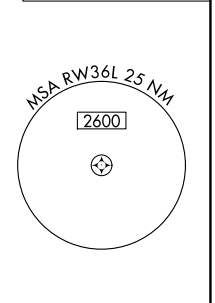
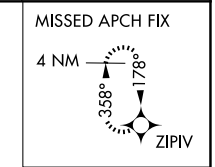
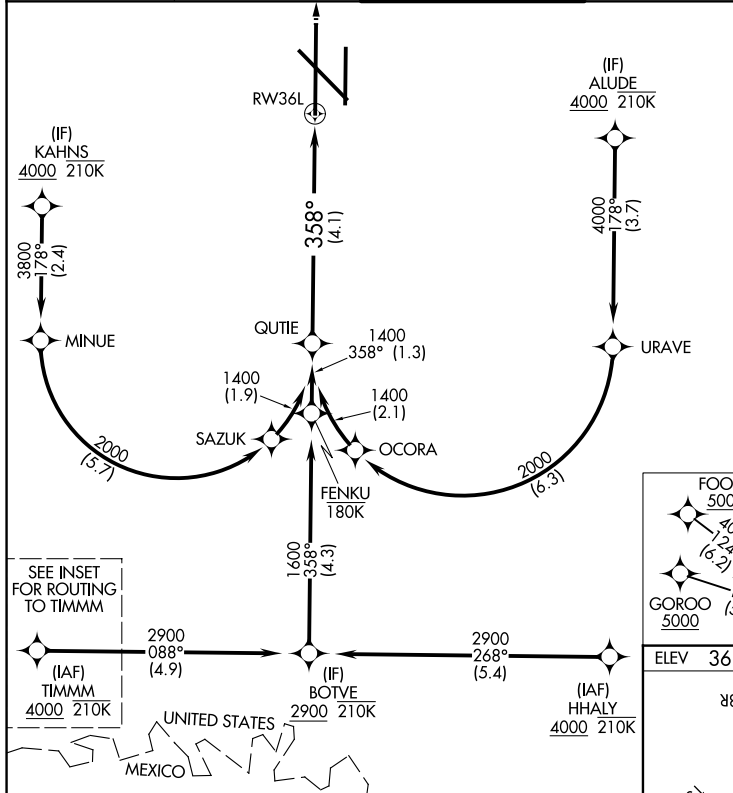
RNP AR APCH - GPS.

▼ For uncompensated Baro-VNAV systems, procedure NA below -1°C or above 54°C. When local altimeter setting not received, procedure NA. For inop ALS, increase RNP 0.11 DA all Cnts visibility to ¾ SM.

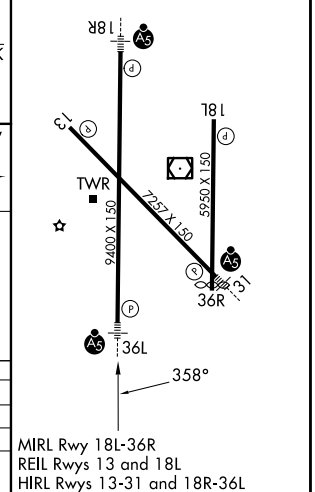
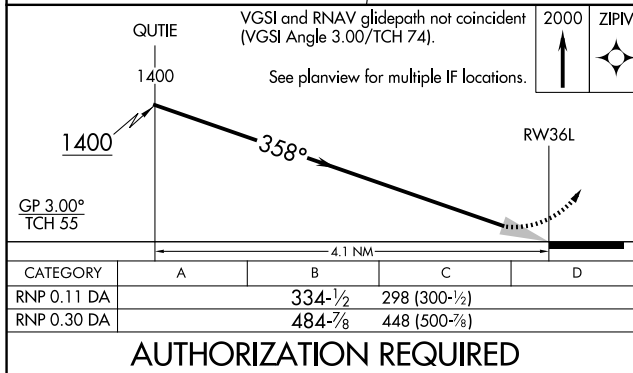


MISSED APPROACH: Climb to 2000 direct ZIPIV and hold.

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER★ 119.3(CTAF) 0 317.6	GND CON 121.7	UNICOM 122.95
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ELEV 36	TDZE 36
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WAAS CH 90430 W18B	APP CRS 178°	Rwy Ldg TDZE Apt Elev	5949 34 36
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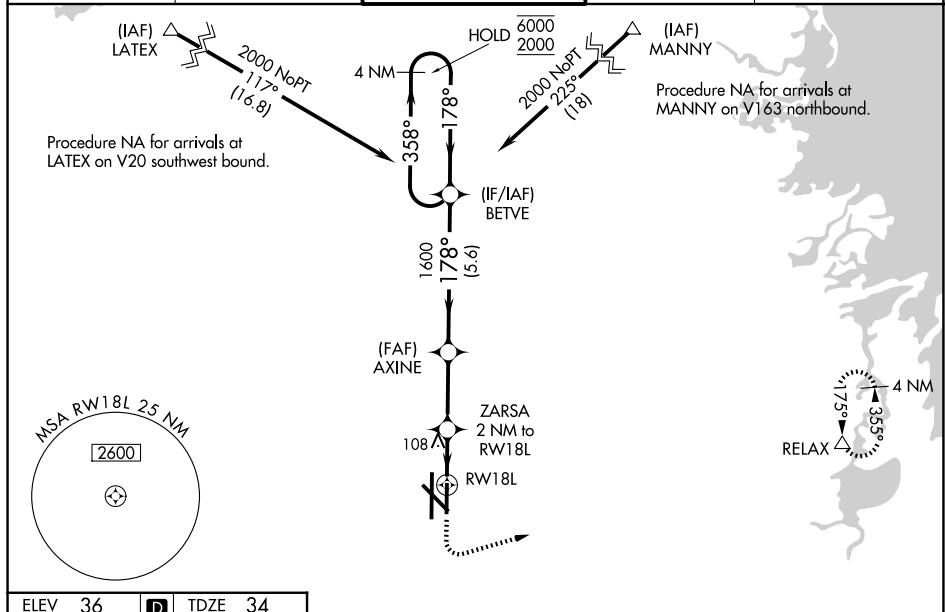
RNAV (GPS) RWY 18L
VALLEY INTL (HRL)

RNP APCH - GPS.

T Baro-VNAV and VDP NA when using Port Isabel altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1°C or above 54°C. When local altimeter setting not received, use Port Isabel altimeter setting: increase LPV DA to 276 feet; increase LNAV/VNAV DA to 326 feet and all visibilities $\frac{1}{8}$ SM; increase all MDAs 60 feet and LNAV visibility Cats C and D $\frac{1}{8}$ SM, and Circling visibility Cat C and D $\frac{1}{4}$ SM.

MISSED APPROACH:
Climb to 500 then
climbing left turn to
2000 direct RELAX
and hold.

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3(CTAF) 0 317.6	GND CON 121.7	UNICOM 122.95
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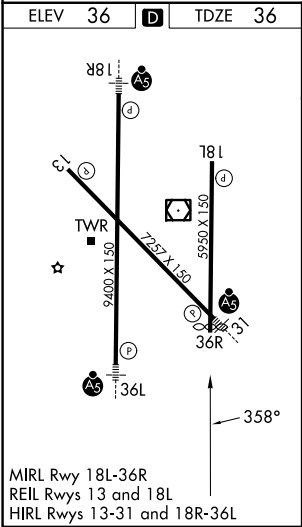
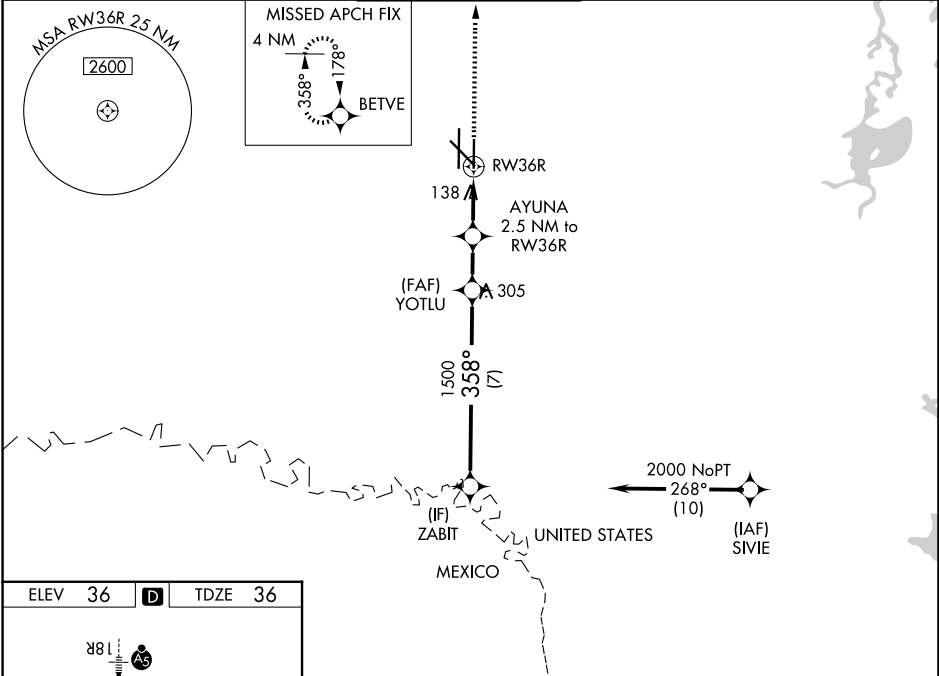


MIRMIL Rwy 18L-36R
REIL Rwys 13 and 18L
HIRL Rwys 13-31 and 18R-36L

WAAS CH 72830 W36A	APP CRS 358°	Rwy Ldg TDZE 36 Apt Elev 36
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RNAV (GPS) RWY 36R
VALLEY INTL (HRL)

RNP APCH - GPS.				MISSED APPROACH: Climb to 2000 direct BETVE and hold.
T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1°C or above 54°C. Baro-VNAV and VDP NA when using Port Isabel altimeter setting. When local altimeter setting not received, use Port Isabel altimeter setting: increase LPV DA to 278 feet; increase LNAV/VNAV DA to 328 feet and all visibilities ½ SM, increase all MDAs 60 feet and LNAV visibility Cat C and D ½ SM, and Circling visibility Cats C and D ¼ SM.				
ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3 (CTAF) 317.6	GND CON 121.7	UNICOM 122.95

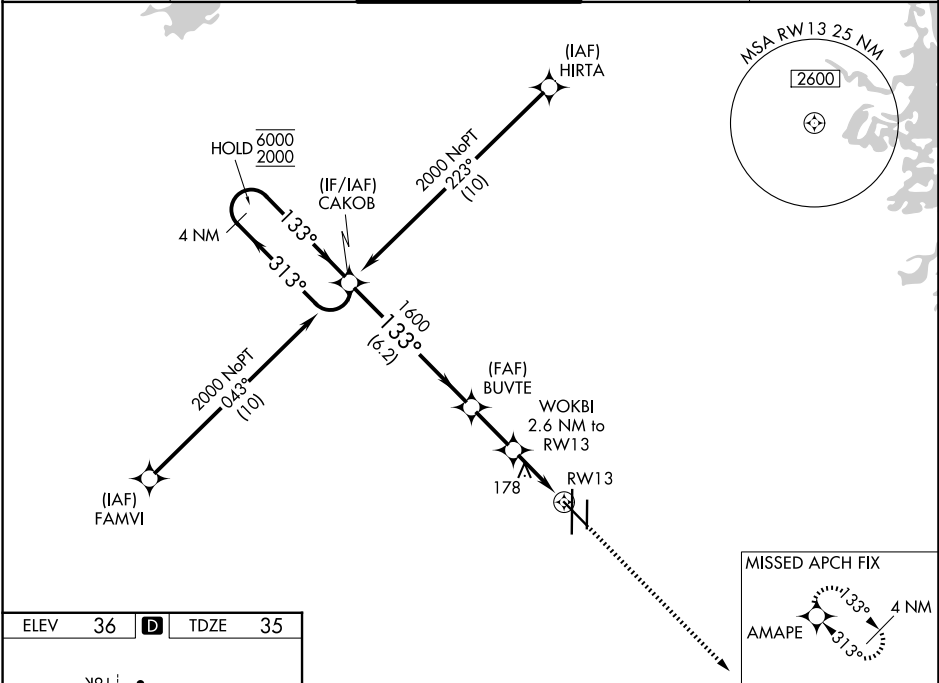


WAAS CH 78230 W13A	APP CRS 133°	Rwy Ldg TDZE 35 Apt Elev 36
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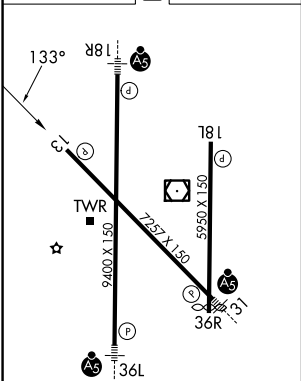
RNAV (GPS) Y RWY 13
VALLEY INTL (HRL)

RNP APCH - GPS.	MISSED APPROACH: Climb to 2000 direct AMAPE and hold.
Baro-VNAV and VDP NA when using Port Isabel altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1°C or above 54°C. When local altimeter setting not received, use Port Isabel altimeter setting: increase LPV DA to 327 feet and all visibilities ¼ SM; increase LNAV/VNAV DA to 327 feet and all visibilities ¼ SM; increase all MDAs 60 feet and visibility Cats C and D ¼ SM.	

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3 (CTAF) 0 317.6	GND CON 121.7	UNICOM 122.95
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ELEV 36	D	TDZE 35
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MIRL Rwy 18L-36R
REIL Rwy 13 and 18L
HIRL Rwy 13-31 and 18R-36L

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 82530 W31A	APP CRS 313°	Rwy Ldg TDZE 36 Apt Elev 36
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RNAV (GPS) Y RWY 31

VALLEY INTL (HRL)

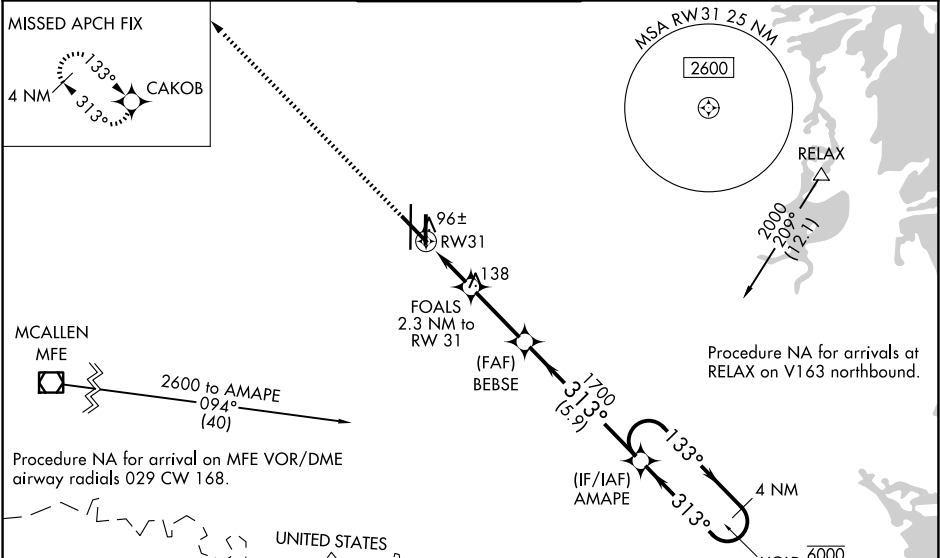
RNP APCH - GPS.

▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1°C or above 54°C.
▲ Baro-VNAV and VDP NA when using Port Isabel altimeter setting. For inop ALS, increase LNAV/VNAV all Cats visibilities to ¾ SM. For inop ALS when using Port Isabel altimeter setting, increase LNAV/VNAV all Cats visibilities to 7⁄8 SM. When local altimeter setting not received, use Port Isabel altimeter setting; increase LPV DA to 278 feet; increase LNAV/VNAV DA to 328 feet; increase all MDAs 60 feet and LNAV visibility Cats C and D ½ SM and Circling visibility Cat C and D ¼ SM.

MALSR

MISSED APPROACH:
Climb to 2000 direct
CAKOB and hold.

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3 (CTAF) 317.6	GND CON 121.7	UNICOM 122.95
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ELEV 36 D TDZE 36

181

AS

181

AS

150

150

AS

36L

36R

313°

MIRL Rwy 18L-36R

REIL Rwys 13 and 18L

HIRL Rwys 13-31 and 18R-36L

2000

CAKOB

FOALS

2.3 NM to RW31

BEBSE

1700

1700

820

0.8 NM

1.5 NM

2.8 NM

5.9 NM

4 NM Holding Pattern

133°

313°

6000

2000

GP 3.00° TCH 55

CATEGORY	A	B	C	D
LPV DA	236-½ 200 (200-½)			
LNAV/VNAV DA	286-½ 250 (300-½)			
LNAV MDA	360-½ 324 (400-½)			
CIRCLING	460-1 424 (500-1)	560-1 524 (600-1)	600-1½ 564 (600-1½)	680-2 644 (700-2)

HARLINGEN, TEXAS

AL-827 (FAA)

25275

WAAS CH 86530 W36B	APP CRS 358°	Rwy Ldg TDZE Apt Elev	9400 36 36
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RNAV (GPS) Y RWY 36L

VALLEY INTL (HRL)

RNP APCH - GPS.				MALSR 	MISSED APPROACH: Climb to 2000 direct ZIPIV and hold.
▼ ▲ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1°C or above 54°C. Baro-VNAV and VDP NA when using Port Isabel altimeter setting. When local altimeter setting not received, use Port Isabel altimeter setting and increase LPV DA to 278 feet; increase LNAV/VNAV DA to 447 feet and all visibilities ½ SM. Increase all MDAs 60 feet, and LNAV visibility Cat C and D ¼ SM; and Circling visibility Cats C and D ¼ SM.					
ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3(CTAF)  317.6	GND CON 121.7	UNICOM 122.95	

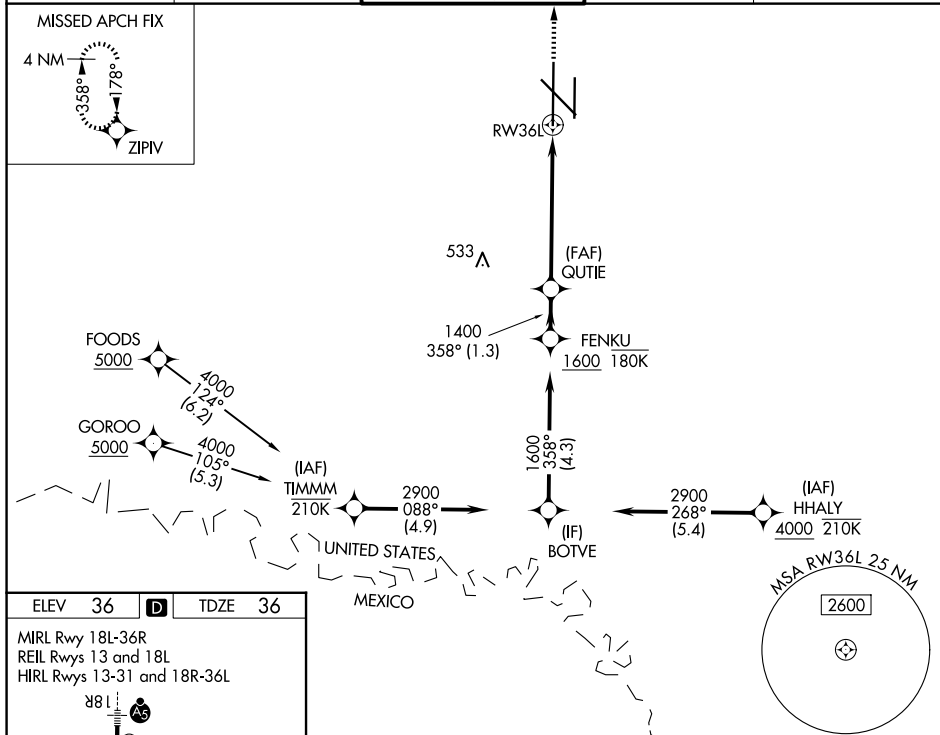


Diagram of RWY 36L showing various lights and markers. The runway is 3600m long and 60m wide. The diagram includes a TWR (Tower) at 9400 X 150, a TCH (Threshold) at 7757 X 150, and a 36L (Runway) at 3600 X 150. The runway is marked with a 36L (Runway) and a 36R (Runway). The diagram also shows a 358° heading and a 36L (Runway) at 3600 X 150.

2000	ZIPIV	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 74).			QUTIE	FENKU
1.3 NM to RW36L		1.3 NM	2.8 NM	1.3 NM	1400	1600
					GP 3.00°	TCH 55
CATEGORY	A	B	C	D		
LPV DA	236- ³ / ₄		200 (200- ³ / ₄)			
LNAV/VNAV DA	405-1		369 (400-1)			
LNAV MDA	500-1	464 (500-1)	500-1 ³ / ₈	464 (500-1 ³ / ₈)		
CIRCLING	500-1 464 (500-1)	560-1 524 (600-1)	600-1 ¹ / ₂ 564 (600-1 ¹ / ₂)	680-2 644 (700-2)		

HARLINGEN, TEXAS

Amdt 3 11JUL24

26°14'N-97°39'W

VALLEY INTL (HRL)

RNAV (GPS) Y RWY 36L

SC-3, 03 SEP 2026 to 29 OCT 2026

VOR/DME HRL <u>113.65</u> Chan 83 (Y)	APP CRS 189°	Rwy Ldg 5949 TDZE 34 Apt Elev 36
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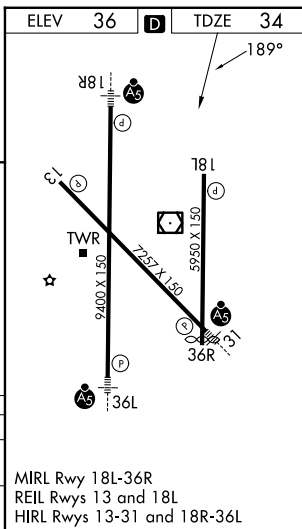
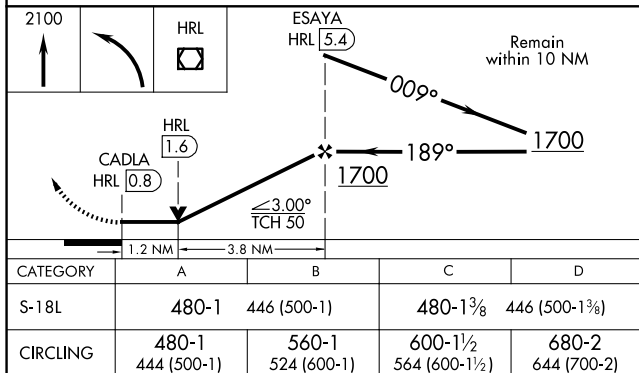
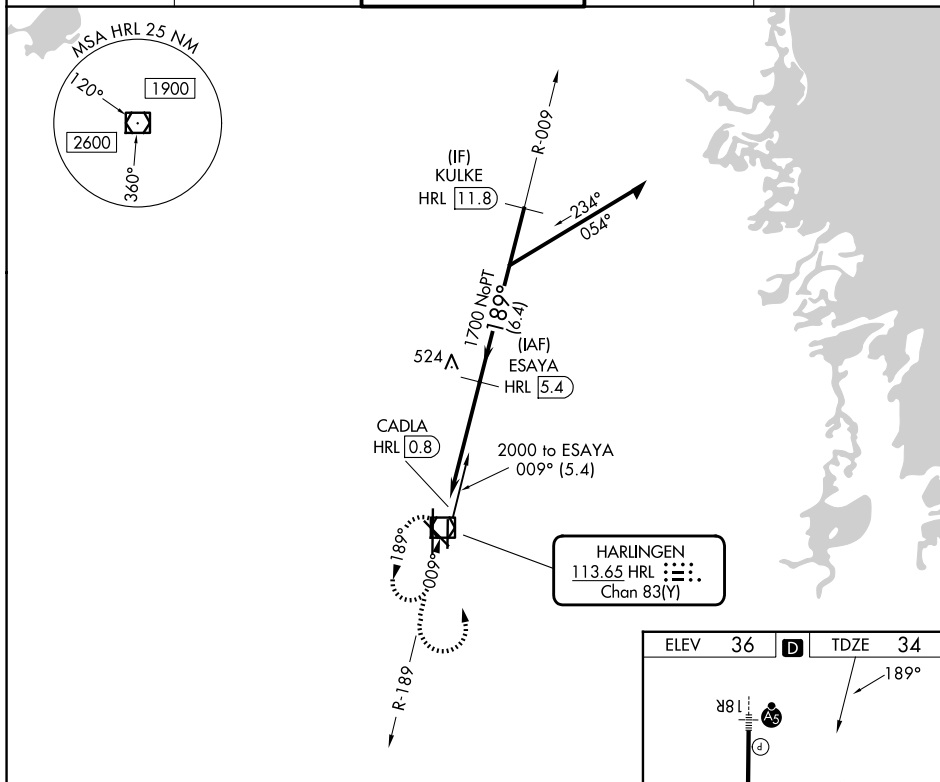
VOR RWY 18L
VALLEY INTL (HRL)

DME required. RADAR required for procedure entry at KULKE.

T VDP NA when using Port Isabel altimeter setting. When local altimeter
A setting not received, use Port Isabel altimeter setting and increase all
MDAs 60 feet and Circling visibility Cats C and D $\frac{1}{4}$ SM.

MISSED APPROACH: Climb to 2100 then left turn direct HRL VOR/DME and hold.

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3 (CTAF) 0 317.6	GND CON 121.7	UNICOM 122.95
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VOR RWY 18R
VALLEY INTL (HRL)

MALSR

MISSED APPROACH: Climb to 1200 then climbing right turn to 2000 direct HRL VOR/DME and hold, continue to climb in hold to 2000.

MSA HRL 25 NM

120°

1900

2600

360°

115°

295°

2000 NoPT 231° (5.5)

(IAF) RAYMO MFE [38.1]

R-051

(IF) FAPOK HRL [13.4] MFE [32.7]

160°

(IAF) MOVBE HRL [5.4]

CALAH HRL [3.5]

188

2000 to MOVBE 340° (5.4)

HUDUL HRL [0.7]

160°

340°

R-160

HARLINGEN
113.65 HRL [:::]
Chan 83 (Y)

ELEV 36 D TDZE 35

160°

18R

45

[illegible]

MRL Rwy 18L-36R
 REIL Rwys 13 and 18L
 HIRL Rwys 13-31 and 18R-36L

VALLEY INTL (HRL)

VOR RWY 18R

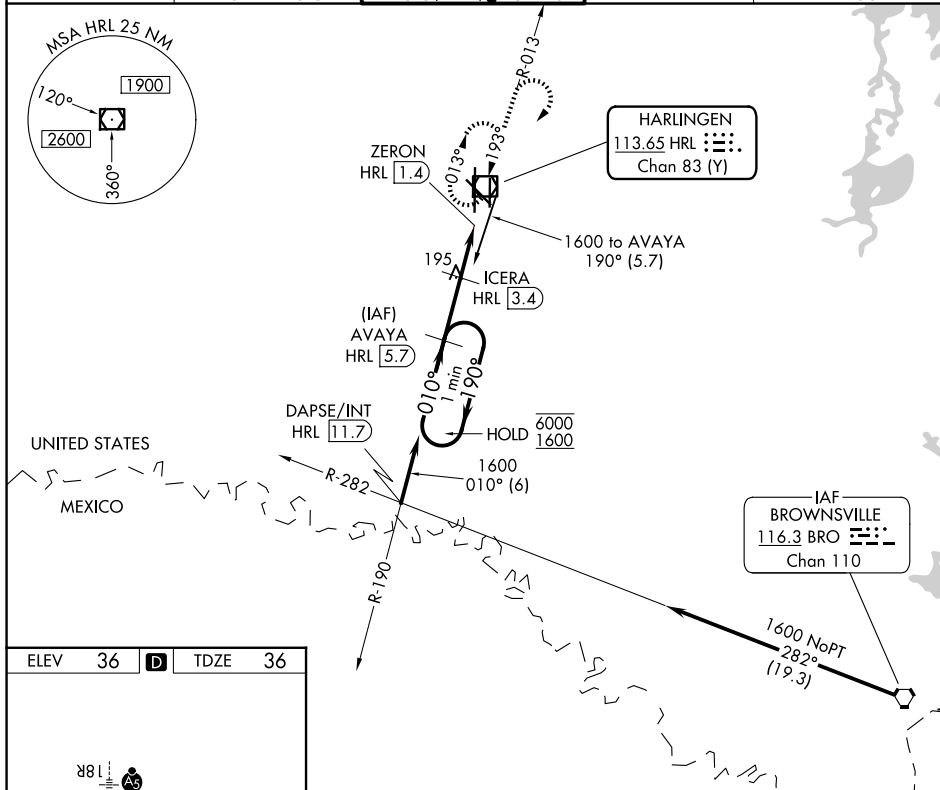
SC-3, 03 SEP 2026 to 29 OCT 2026

VOR RWY 36L
VALLEY INTL (HRL)

MALSR

MISSED APPROACH: Climb to 1 600 then right turn direct HRL VOR/DME and hold.

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3(CTAF) 0 317.6	GND CON 121.7	UNICOM 122.95
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[illegible]

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

HARLINGEN, TEXAS

AL-827 (FAA)

25275

VORTAC BRO 116.3 Chan 110	APP CRS 311°	Rwy Ldg TDZE 36 Apt Elev 36
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VOR Y or TACAN RWY 31

VALLEY INTL (HRL)

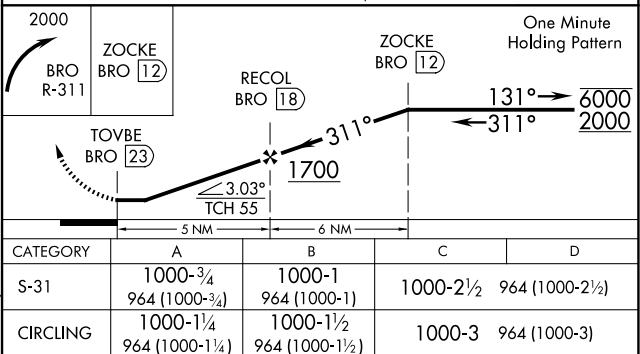
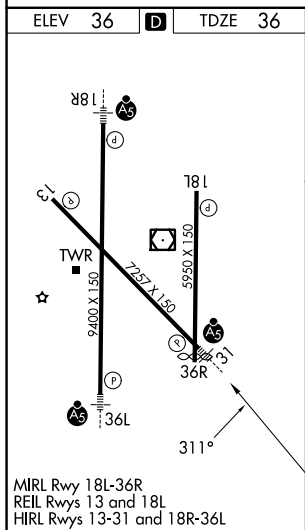
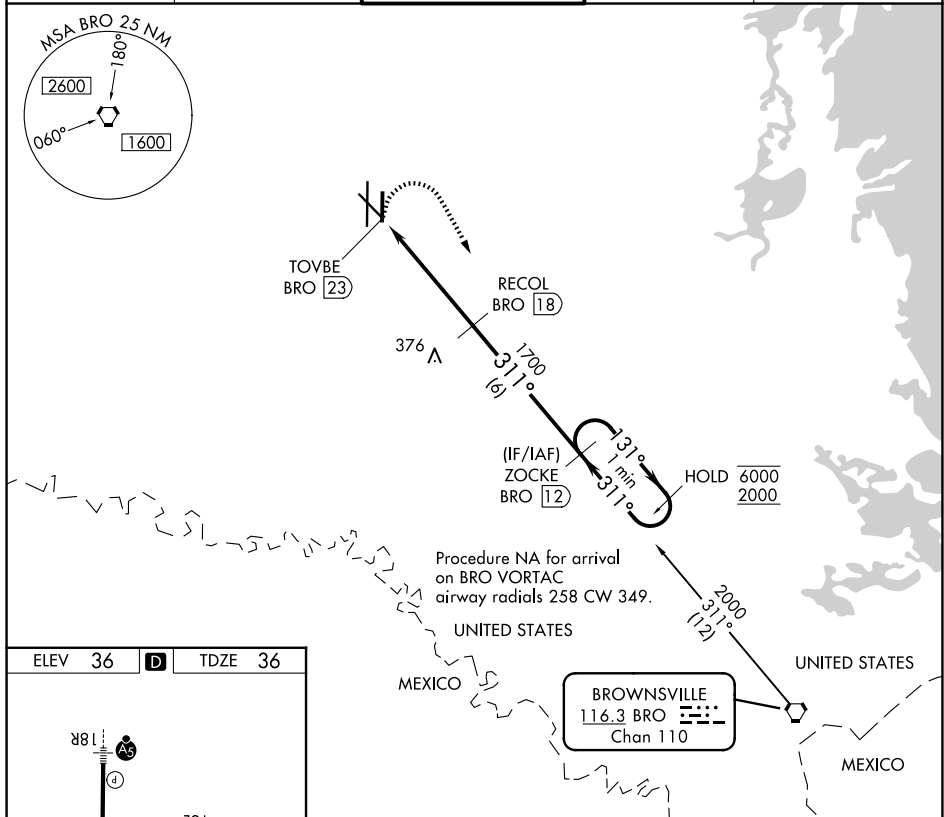
DME required.

When local altimeter setting not received, use Port Isabel altimeter setting and increase all MDAs 60 feet.



MISSED APPROACH: Climbing right turn to 2000 on BRO R-311 to ZOCKE/12 DME and hold.

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3 (CTAF) 317.6	GND CON 121.7	UNICOM 122.95
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HARLINGEN, TEXAS
Amdt 2 11JUL24

26°14'N-97°39'W

VOR Y or TACAN RWY 31

VALLEY INTL (HRL)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

VOR/DME HRL

113.65

Chan 83 (Y)

APP CRS

325°

Rwy Ldg

7257

TDZE

36

Apt Elev

36

VOR Z RWY 31

VALLEY INTL (HRL)

DME required.

VDP NA when using Port Isabel altimeter setting. When local altimeter setting not received, use Port Isabel altimeter setting and increase all MDAs 60 feet and S-31 visibility Cat C/D ¼ SM, and Circling visibility Cat C/D ¼ SM. For inop ALS, increase S-31 Cats C/D visibilities to 1½ SM.

MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 2100 direct HRL VOR/DME and hold, continue climb and hold to 2100.

ATIS 124.85	VALLEY APP CON 120.7 279.5	HARLINGEN TOWER ★ 119.3 (CTAF) 317.6	GND CON 121.7	UNICOM 122.95
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ELEV 36

D

TDZE 36

18R

18L

TWR

STAR

9400 X 150

7257 X 150

5950 X 150

36R

36L

325°

MIRL Rwy 18L-36R

REIL Rwys 13 and 18L

HIRL Rwys 13-31 and 18R-36L

1000

2100

HRL

NOPAE

JARVI

BOBPA

1800

145°

325°

1800

3.00°

TCH 55

1 NM

1.2 NM

3.1 NM

CATEGORY	A	B	C	D
S-31	420-½ 384 (400-½)		420-¾ 384 (400-¾)	
CIRCLING	460-1 424 (500-1)	560-1 524 (600-1)	600-1½ 564 (600-1½)	680-2 644 (700-2)

Remain within 10 NM

HARLINGEN, TEXAS

Amtd 2 11JUL24

26°14'N-97°39'W

VOR Z RWY 31

VALLEY INTL (HRL)

215

AL-827 (FAA)

VALLEY INTL (HRL)
HARLINGEN, TEXAS

ATIS
124.85
HARLINGEN TOWER ★
119.3 (CTAF) **L** 317.6
GND CON
121.7

97°39'W

FIELD
ELEV
36

HIRL Rwy 18R-36L and 13-31
MIRL Rwy 18L-36R
REIL Rwy 18L and 13

JANUARY 2025
ANNUAL RATE OF CHANGE
0.1° W

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

HANGAR -

TWR -

TERMINAL

HANGARS

HANGAR

FBO

→ HANGARS

11

HS 1

RWY 13-31
PCR 310 F/D/X/T
S-160, D-200, 2D-350, 2D/2D2-700

RWY 18L-36R
PCR 210 R/B/W/T
S-160, D-200, 2D-350

RWY 18R-36L
PCR 380 F/D/X/T
S-160, D-200, 2D-350, 2D/2D2-700

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

97°40'W

HARLINGEN, TEXAS
VALLEY INTL (HRL)

26190

WAAS

CH **45918**

W13A

APP CRS

128°

Rwy Ldg

5003

TDZE

661

Apt Elev

663

RNAV (GPS) RWY 13

JIM HOGG COUNTY (HBV)

Baro-VNAV NA when using Laredo altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

Visibility reduction by helicopters NA. When local altimeter setting not received, use Laredo altimeter setting: increase LPV DA to 1026 feet and all visibilities ¼ SM; increase LNAV/VNAV DA to 1089 feet and all visibilities ½ SM; increase all MDAs 120 feet and increase LNAV Cat C and Circling Cat C visibility ¼ SM. VDP NA with Laredo altimeter setting.

MISSED APPROACH: Climb to 3000 direct KATHY and right turn on track 248° to NELEE and hold

AWOS-3PT 118.075	HOUSTON CENTER 127.8 307.2	UNICOM 122.8 (CTAF) 0
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ELEV 663

TDZE 661

128°

5003 X75

13

4 NM Holding Pattern

AZYUC

IPAXY

UDUMY 2.1 NM to RW13

NELEE

*LNAV only

*1 NM to RW13

RW13

GP 3.00° TCH 39°

3000

308°

128°

2000

*1360

6.1 NM

1.9 NM

1.1 NM

1 NM

CATEGORY	A	B	C	D
LPV DA	911-1	250 (300-1)		NA
LNAV/VNAV DA	974-1	313 (400-1)		NA
LNAV MDA	1020-1	359 (400-1)		NA
CIRCLING	1040-1 377 (400-1)	1120-1 457 (500-1)	1280-1¾ 617 (700-1¾)	NA

MIRL Rwy 13-31 0

HEBBRONVILLE, TEXAS

Jim Hogg County (HBV)

Orig-A 20MAY21

27°21'N - 98°44'W

217

RNAV (GPS) RWY 13

HONDO, TEXAS

AL-195 (FAA)

26246

WAAS CH 69619 W17A	APP CRS 172°	Rwy Ldg TDZE 6002 929 Apt Elev 930
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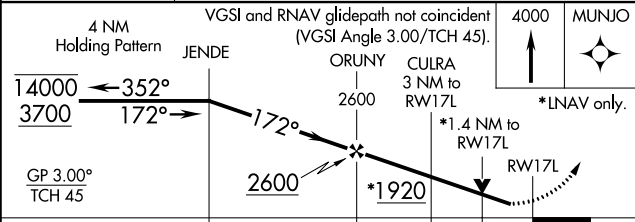
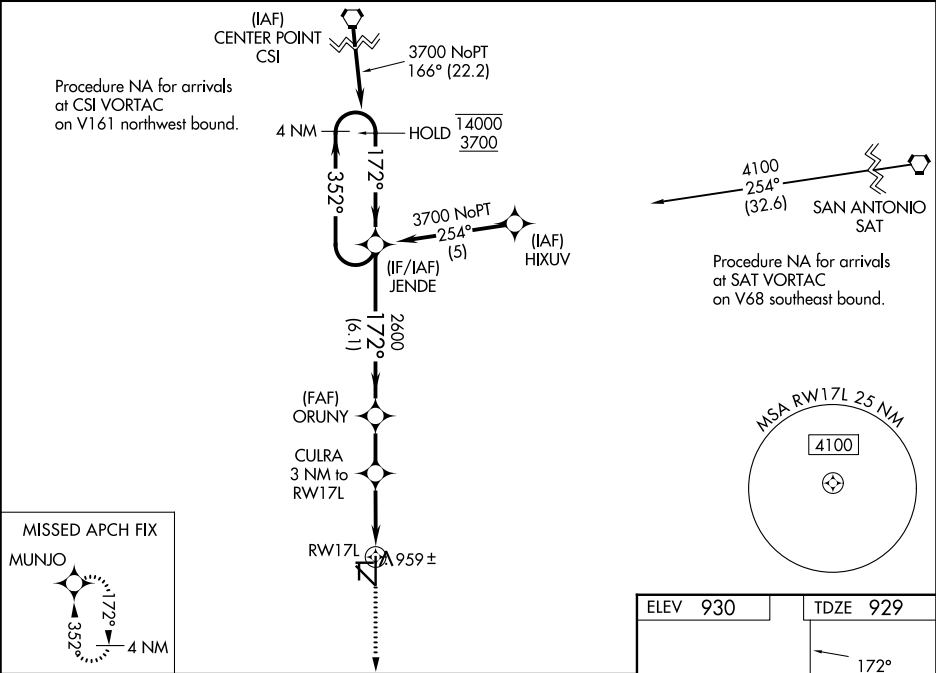
RNAV (GPS) RWY 17L
HONDO RGNL (HDO)

RNP APCH.

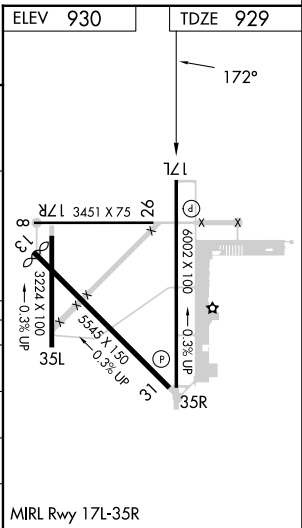
⚠ Baro-VNAV and VDP NA when using Castroville altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 47°C. When local altimeter setting not received, use Castroville altimeter setting and increase all DA 62 feet and all MDA 80 feet, increase LNAV/VNAV all Cts visibility 1/8 SM, LNAV and Circling Cts C/D visibility 1/4 SM. Rwy 17L helicopter visibility reduction below 3/4 SM NA. Circling to Rwy 8, 13, 17R, 26, 31 and 35L NA at night.

MISSED APPROACH: Climb to 4000 direct MUNJO and hold, continue climb-in-hold to 4000.

ASOS 119.675	HOUSTON CENTER 134.95 269.4	UNICOM 122.725 (CTAF)
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CATEGORY	A	B	C	D
LPV DA	1 179-1 250 (300-1)			
LNAV/VNAV DA	1 314-1 1/4 385 (400-1 1/4)			
LNAV MDA	1 420-1 491 (500-1)	1 420-1 3/8 491 (500-1 3/8)	1 420-1 1/2 491 (500-1 1/2)	
CIRCLING	1 440-1 510 (600-1)	1 520-1 590 (600-1)	1 580-1 1/4 650 (700-1 1/4)	1 580-2 650 (700-2)



HONDO, TEXAS
Amdt 1B 15JUL21

29°22'N-99°11'W

HONDO RGNL (HDO)
RNAV (GPS) RWY 17L

SC-3, 03 SEP 2026 to 29 OCT 2026

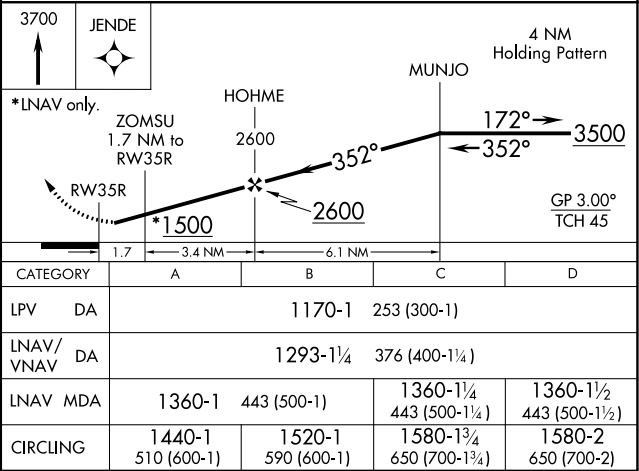
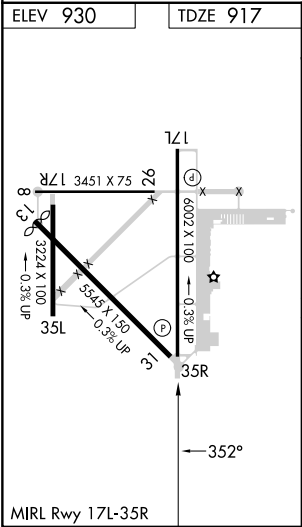
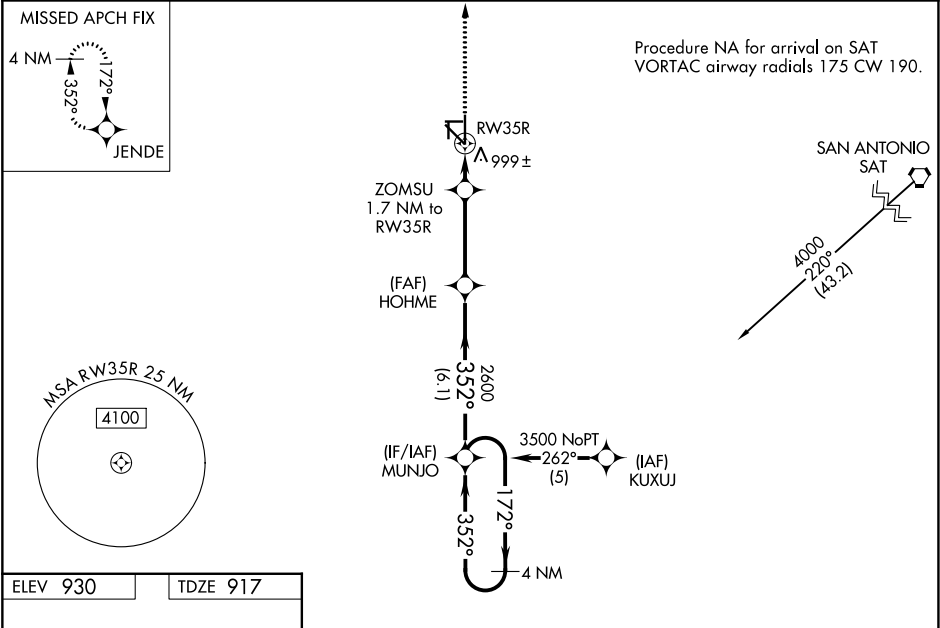
SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 48820 W35A	APP CRS 352°	Rwy Ldg TDZE Apt Elev 6002 917 930
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RNAV (GPS) RWY 35R

HONDO RGNL (HDO)

RNP APCH.		
Baro-VNAV NA when using Castroville altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). Visibility reduction by helicopters NA. When local altimeter setting not received, use Castroville altimeter setting and increase all DA 62 feet and all MDA 80 feet, increase LNAV/VNAV all Cats, and LNAV and Circling Cats C and D visibility ¼ mile. Circling Rwy 8, 13, 17R, 26, 31, 35L NA at night.		MISSED APPROACH: Climb to 3700 direct JENDE and hold.
ASOS 119.675	HOUSTON CENTER 134.95 269.4	UNICOM 122.725 (CTAF)



INGLESIDE, TEXAS

AL-10220 (FAA)

26134

WAAS CH 78301 W14A	APP CRS 137°	Rwy Ldg 4999 TDZE 18 Apt Elev 18
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RNAV (GPS) RWY 14

INGLESIDE RGNL (TFP)

RNP APCH - GPS.



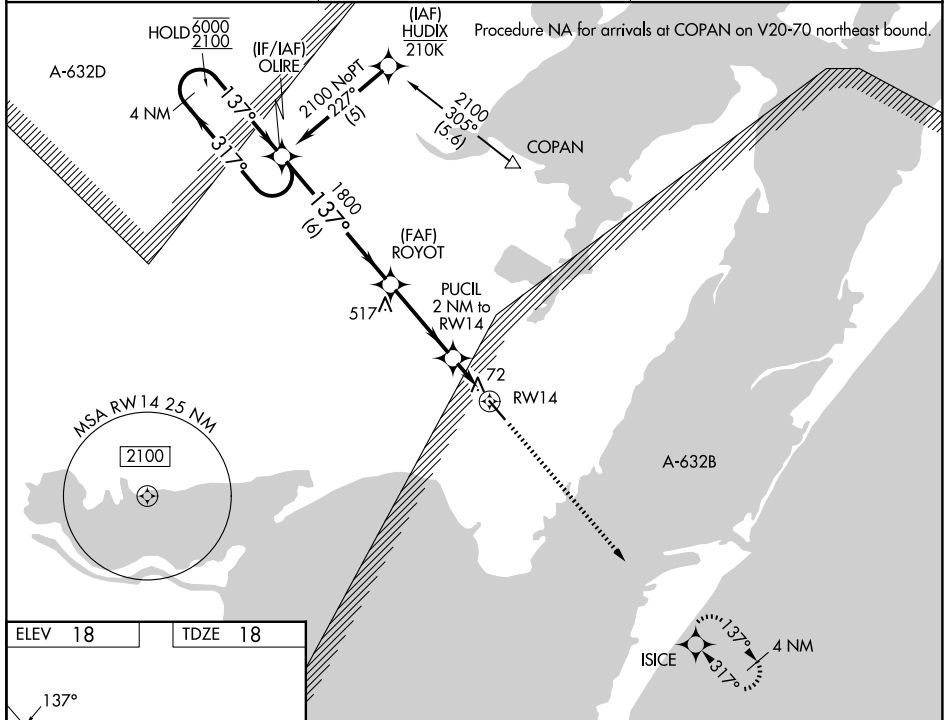
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

MISSED APPROACH:
Climb to 2000 direct
ISICE and hold.

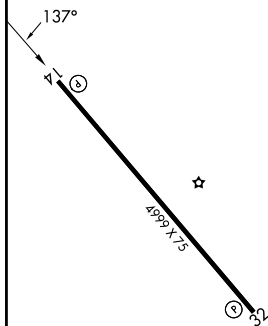
AWOS-3
118.775

CORPUS APP CON
120.9 348.725

UNICOM
122.7 (CTAF) 0



ELEV 18 TDZE 18



4 NM Holding Pattern OLIRE				2000	ISICE
6000 2100				1800	PUCIL 2 NM to RW14
GP 3.00° TCH 40				700	0.9 NM to RW14
				6 NM	3.5 NM
CATEGORY	A	B	C	D	
LPV DA		268-1	250 (300-1)		
LNAV/VNAV DA		286-1	268 (300-1)		
LNAV MDA		340-1	322 (400-1)		
CIRCLING	520-1	502 (600-1)	860-2½ 842 (900-2½)	980-3 962 (1000-3)	

MIRL Rwy 14-32 0

REIL Rwy 14 and 32

INGLESIDE, TEXAS

Amdt 2 14MAY26

27°55'N-97°13'W

INGLESIDE RGNL (TFP)

RNAV (GPS) RWY 14

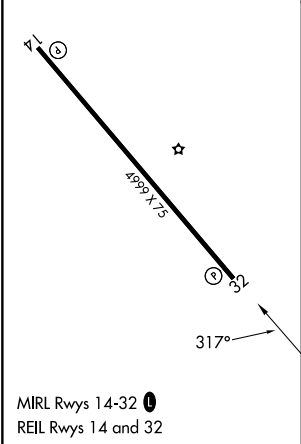
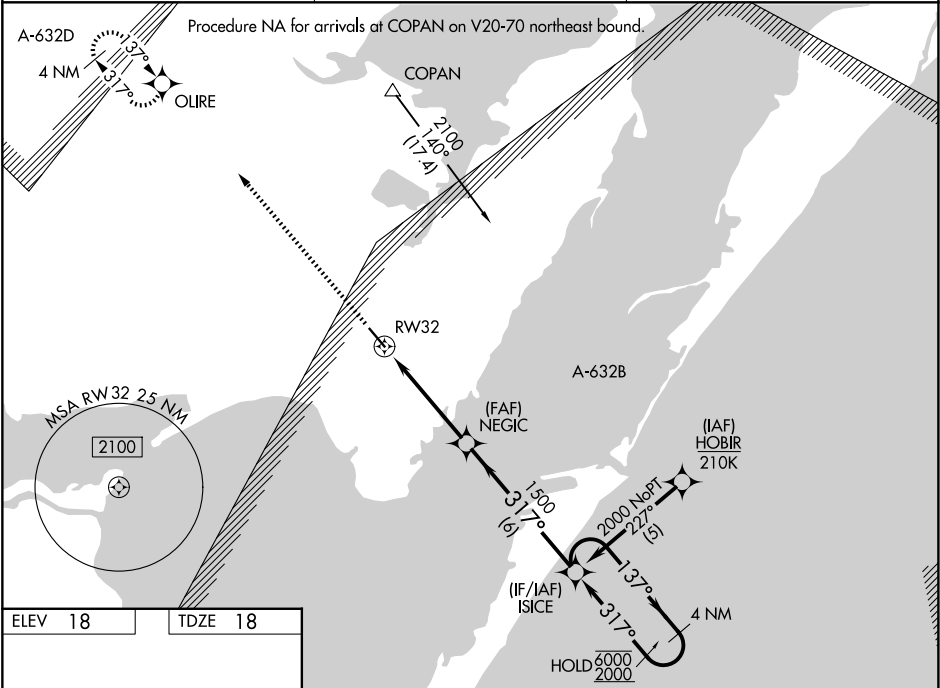
WAAS CH 82601 W32A	APP CRS 317°	Rwy Ldg 4999 TDZE 18 Apt Elev 18
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RNAV (GPS) RWY 32
INGLESIDE RGNL (TFP)

RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.	MISSED APPROACH: Climb to 2100 direct OLIRE and hold.
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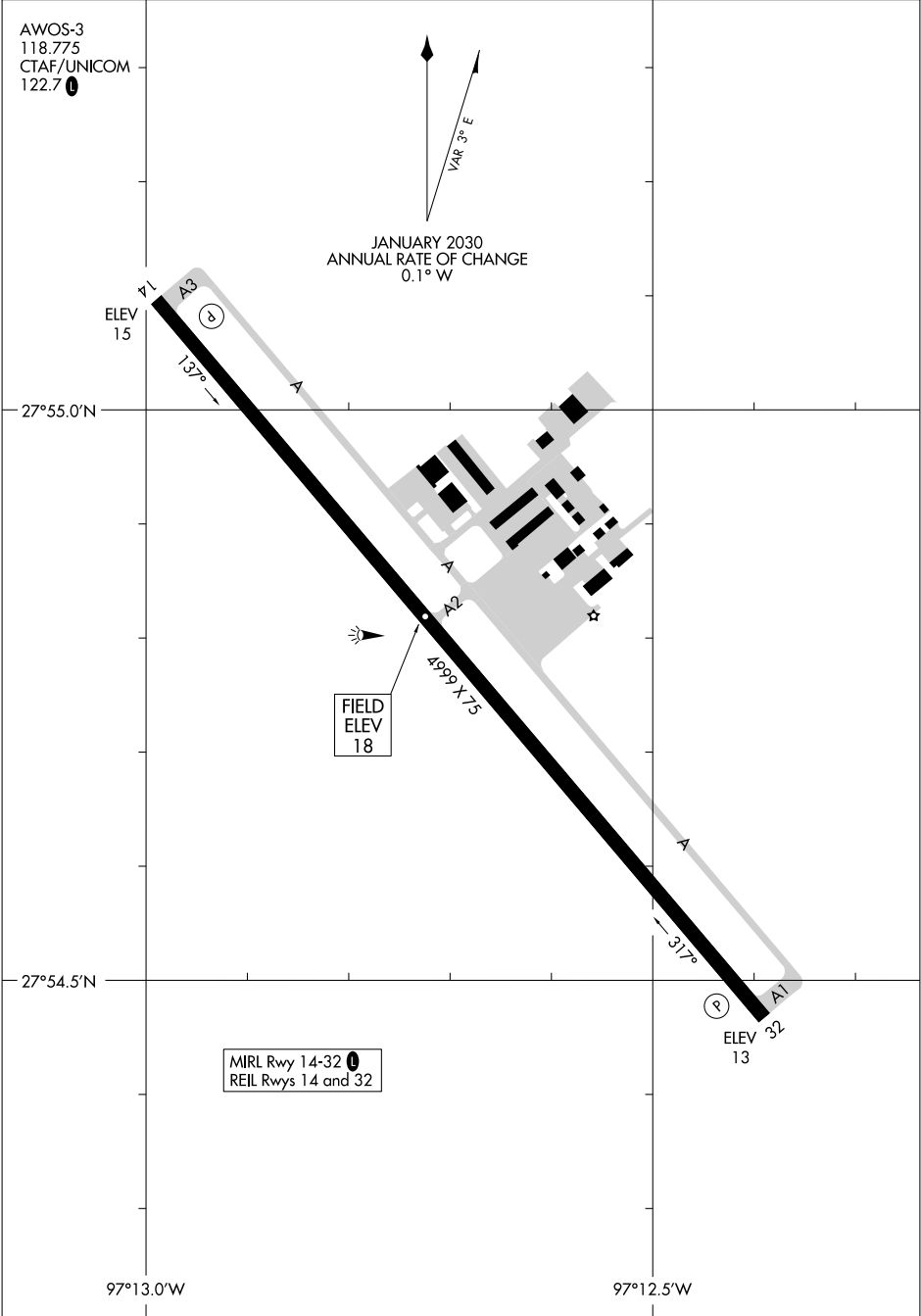
AWOS-3 118.775	CORPUS APP CON 120.9 348.725	UNICOM 122.7 (CTAF) 0
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2100	OLIRE	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 33).	ISICE	4 NM Holding Pattern
1.4 NM to RW32	1.4 NM	3.2 NM	6 NM	
CATEGORY	A	B	C	D
LPV DA	268-1		250 (300-1)	
LNAV/VNAV DA	405-1½		387 (400-1½)	
LNAV MDA	480-1	462 (500-1)	480-1½	462 (500-1½)
CIRCLING	520-1	502 (600-1)	860-2½ 842 (900-2½)	980-3 962 (1000-3)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



SC-3, 03 SEP 2026 to 29 OCT 2026

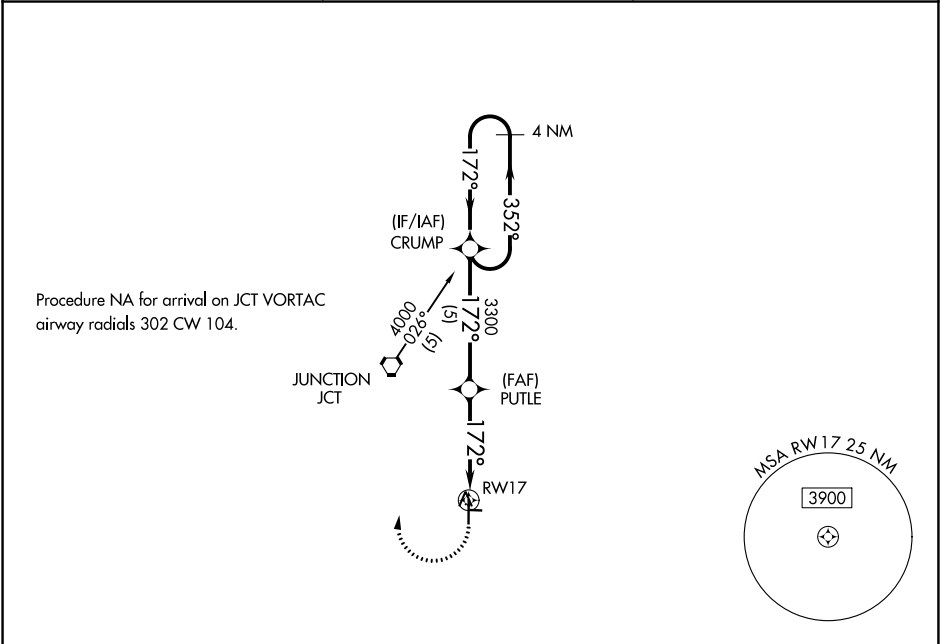
SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	5004
172°	TDZE	1751
	Apt Elev	1754

RNAV (GPS) RWY 17

KIMBLE COUNTY (JCT)

RNP APCH - GPS.		MISSED APPROACH: Climbing right turn to 4000 direct CRUMP WP and hold.
Circling NA to Rwy 8 and 26. Rwy 17 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, procedure NA.		
ASOS 119.275	HOUSTON CENTER 125.75 346.4	UNICOM 122.8 (CTAF) ①



ELEV 1754 TDZE 1751				
4000 CRUMP 4000 CRUMP				
4 NM Holding Pattern CRUMP PUTLE 4000 352° 172° 172° 3300 3.53° TCH 50 1.7 NM to RW17 RW17 5 NM 2.3 NM 1.7				
CATEGORY	A	B	C	D
LNAV MDA	2420-1 669 (700-1)		2420-1⅞ 669 (700-1⅞)	NA
CIRCLING	2420-1 666 (700-1)	2680-1¼ 926 (1000-1¼)	2780-3 1026 (1100-3)	NA
MIRL Rwy 17-35 ①				

JUNCTION, TEXAS

AL-922 (FAA)

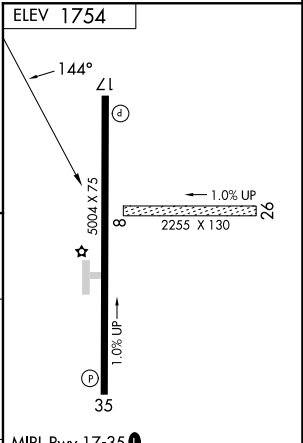
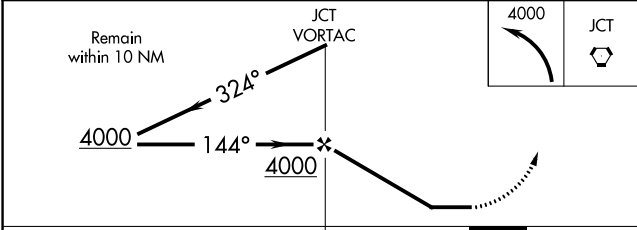
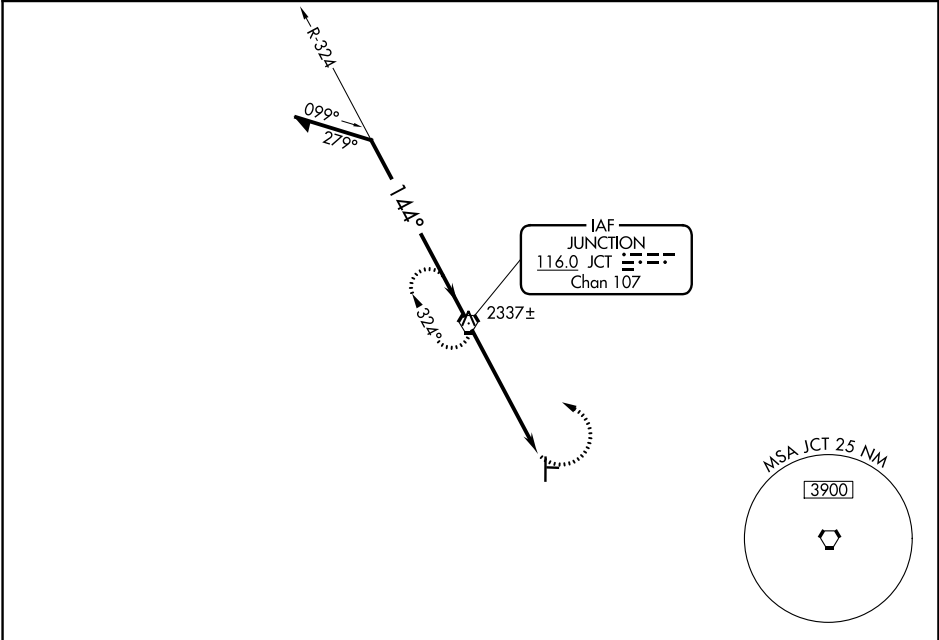
26246

VORTAC JCT 116.0 Chan 107	APP CRS 144°	Rwy Ldg TDZE Apt Elev N/A N/A 1754
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VOR-A
KIMBLE COUNTY (JCT)

  NA	Circling NA to Rwy 8-26.	MISSED APPROACH: Climbing left turn to 4000 direct to JCT VORTAC and hold.
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ASOS 119.275	HOUSTON CENTER 125.75 346.4	UNICOM 122.8 (CTAF) 0
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		5.6 NM				MIL Rwy 17-35					
CATEGORY	A	B	C	D		FAF to MAP 5.6 NM					
CIRCLING	2560-1	2680-1¼	2780-3	NA		Knots	60	90	120	150	180
	806 (900-1)	926 (1000-1¼)	1026 (1100-3)			Min:Sec	5:36	3:44	2:48	2:14	1:52

JUNCTION, TEXAS
Amdt 12A 30DEC21

30°31' N-99°46' W

KIMBLE COUNTY (JCT)
VOR-A

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ILS or LOC/DME Y RWY 16

LOC I-SKF <u>110.1</u>	APCH CRS 158°	Rwy Idg 11,550 TDZE 690 Arpt Elev 690
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[USAF]

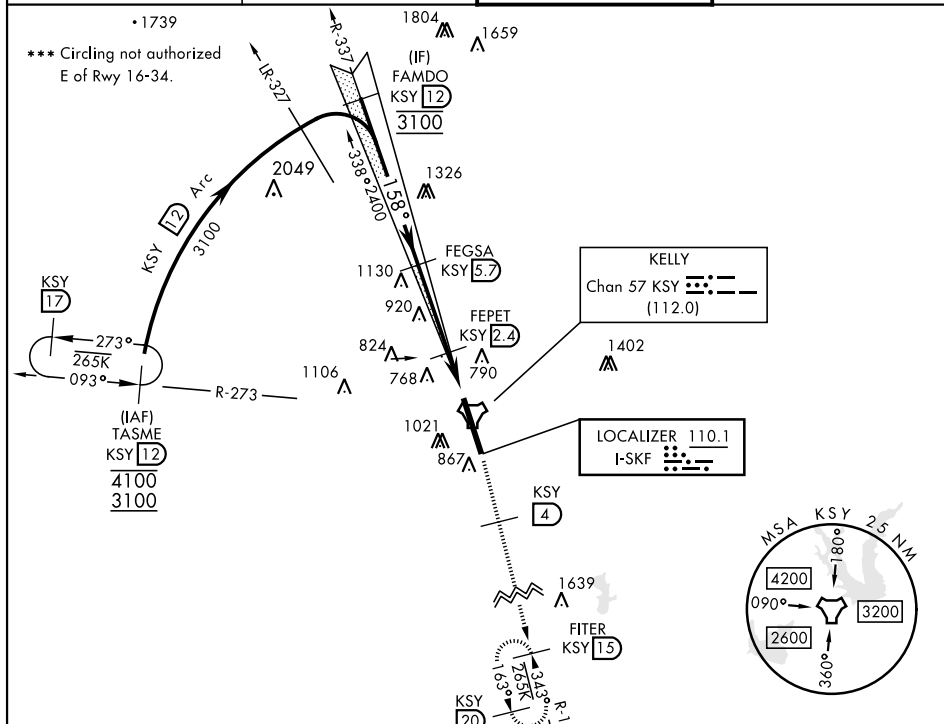
KELLY FLD (KSKF)

T *When ALS inop, increase RVR to 40 and vis to $\frac{3}{4}$ mile.
 **When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE RVR to 60 and vis to $1\frac{1}{8}$ miles.

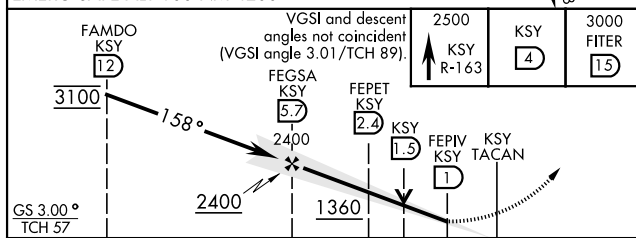
ALSF-1

MISSED APPROACH: Climb to 2500 via KSY R-163 until 4 DME, then continue climb to 3000 to FITER/15 DME and hold. Non-TACAN equipped aircraft expect alternate missed approach instructions.

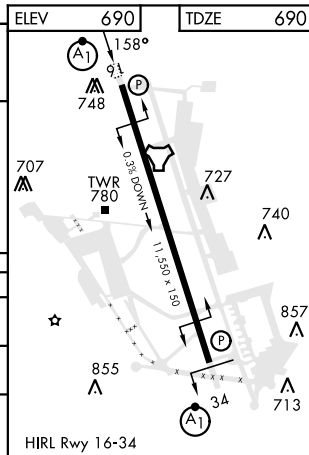
ATIS 120.45 273.5	SAN ANTONIO APP CON 118.05 353.5	TOWER 124.3 322.35	GND CON 121.8 289.4
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EMERG SAFE ALT 100 NM 4200



CATEGORY	A	B	C	D	E
S-ILS 16 *	890/24		200	(200-½)	
S-LOC/DME 16 **	1080/24 390 (400-½)		1080/35	390	(400-¾)
C CIRCLING ***	1200-1 510 (600-1)	1280-1 590 (600-1)	1340-1¾ 650 (700-1¾)	1900-3 1210 (1300-3)	



ILS or LOC/DME Y RWY 16

ILS or LOC/DME Y RWY 34

Figure 10 is a 3D approach chart for a runway. The top portion is a plan view showing the approach path with a heading of 338°. Key features include:

- Navigation Aids:** KSY (VOR/DME), JETKA (VORTAC), LANTO (VORTAC), and CEPRO (VORTAC).
- Altitudes:** 1100 ft at the start of the approach, 2200 ft at the final approach fix, and 2700 ft at the CEPRO VORTAC.
- Distances:** 0.5 NM, 2.1 NM, and 2.1 NM segments are marked.
- Angles:** 159° and 339° angles are indicated relative to the approach path.
- GS and TCH:** GS 3.00° and TCH 60' are noted.

 The bottom portion is a 3D perspective view of the same approach, showing the terrain and the aircraft's path. It includes:

- Visual Aids:** A 3D runway model with a 338° heading.
- Navigation Aids:** 3D representations of KSY, JETKA, LANTO, and CEPRO.
- Altitudes:** 1100 ft and 2200 ft are shown.
- Distances:** 0.5 NM, 2.1 NM, and 2.1 NM segments are marked.
- Angles:** 159° and 339° angles are indicated.
- GS and TCH:** GS 3.00° and TCH 60' are noted.

KELLY FLD (KSKF)

ILS or LOC/DME Y RWY 34

SC-3, 03 SEP 2026 to 29 OCT 2026

TACAN Y RWY 16

TACAN KSY Chan 57	APCH CRS 151°	Rwy ldg 11,550 TDZE 690 Arpt Elev 690
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AL-371 [USAF]

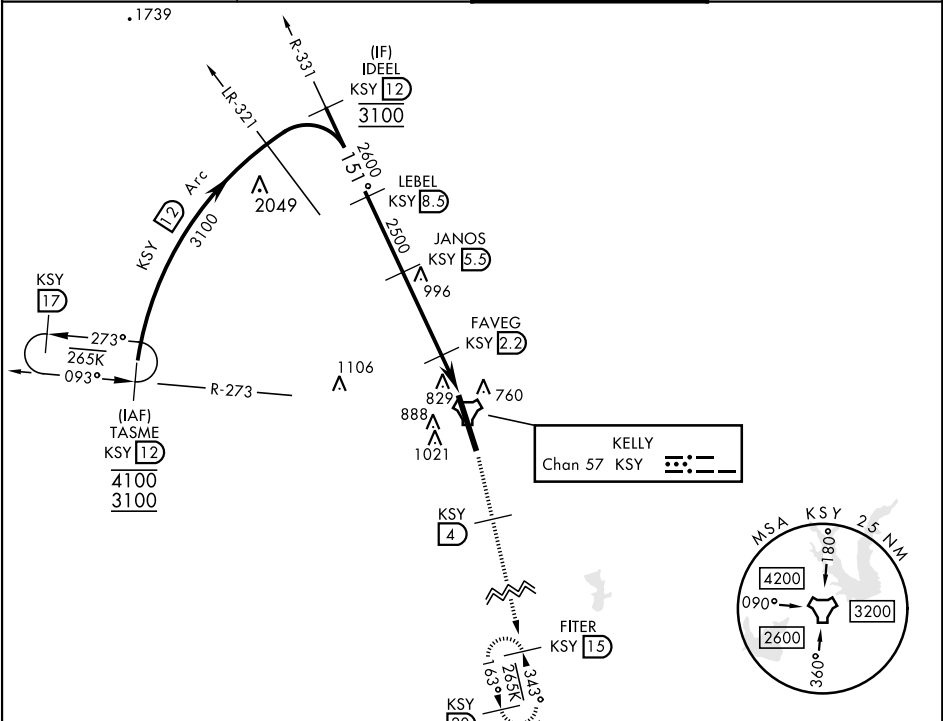
KELLY FLD (KSKF)

▼ * When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE RVR to 60 and vis to 1½ miles.
** Circling not authorized E of Rwy 16-34.

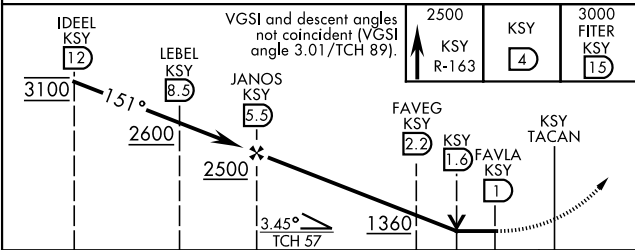


MISSED APPROACH: Climb on 2500 via KSY R-163 until 4 DME, then climb to 3000 to FITER/ 15 DME and hold.

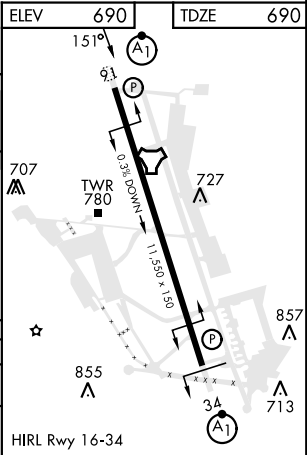
ATIS 120.45 273.5	SAN ANTONIO APP CON 118.05 353.5	TOWER 124.3 322.35	GND CON 121.8 289.4
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EMERG SAFE ALT 100 NM 4200



CATEGORY	A	B	C	D	E
S-16 *	1100/24 410 (500-½)		1100/40 410 (500-¾)		
CIRCLING **	1200-1 510 (600-1)	1280-1 590 (600-1)	1340-1¾ 650 (700-1¾)	1900-3 1210 (1300-3)	



TACAN Y RWY 16

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

SAN ANTONIO, TEXAS

TACAN Y RWY 34

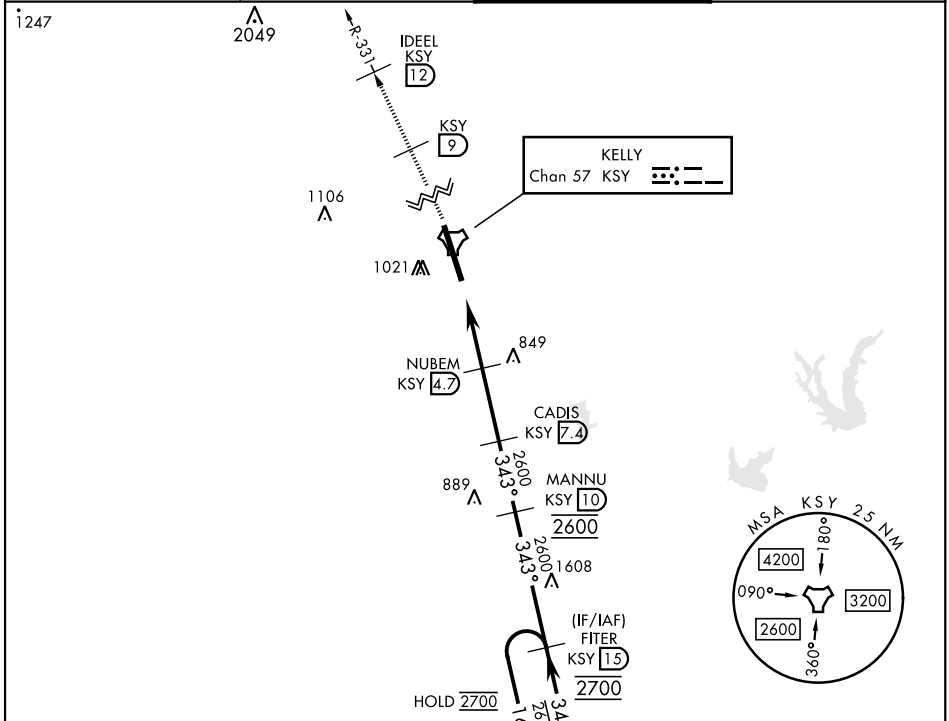
TACAN KSY Chan 57	APCH CRS 343°	Rwy Idg 11,550 TDZE 660 Arpt Elev 690
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[USAF]

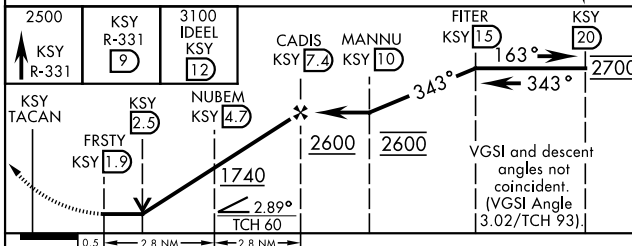
KELLY FLD (KSKF)

▼ * When ALS inop, increase CAT AB RVR to 55 vis to 1 mile, CAT CDE vis to 1¼ miles. ** Circling not authorized E of Rwy 16-34.	ALSF-1 A1	MISSED APPROACH: Climb to 2500 via KSY TACAN R-331 until 9 DME, cross 9 DME at 2500, then continue climb to 3100 to IDEEL/12 DME. Expect ATC instructions.
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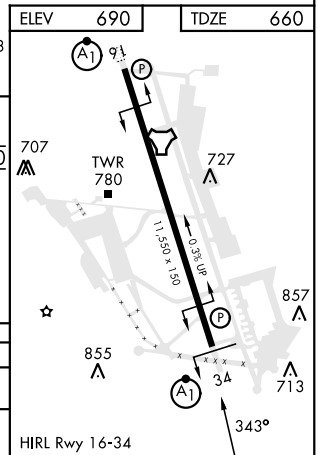
ATIS 120.45 273.5	SAN ANTONIO APP CON 118.05 353.5	TOWER 124.3 322.35	GND CON 121.8 289.4
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EMERG SAFE ALT 100 NM 4200



CATEGORY	A	B	C	D	E
S-34 *	1100/24 440 (500-½)		1100/40 440 (500-¾)		
CIRCLING **	1200-1 510 (600-1)	1280-1 590 (600-1)	1340-1¼ 650 (700-1¾)	1900-3 1210 (1300-3)	



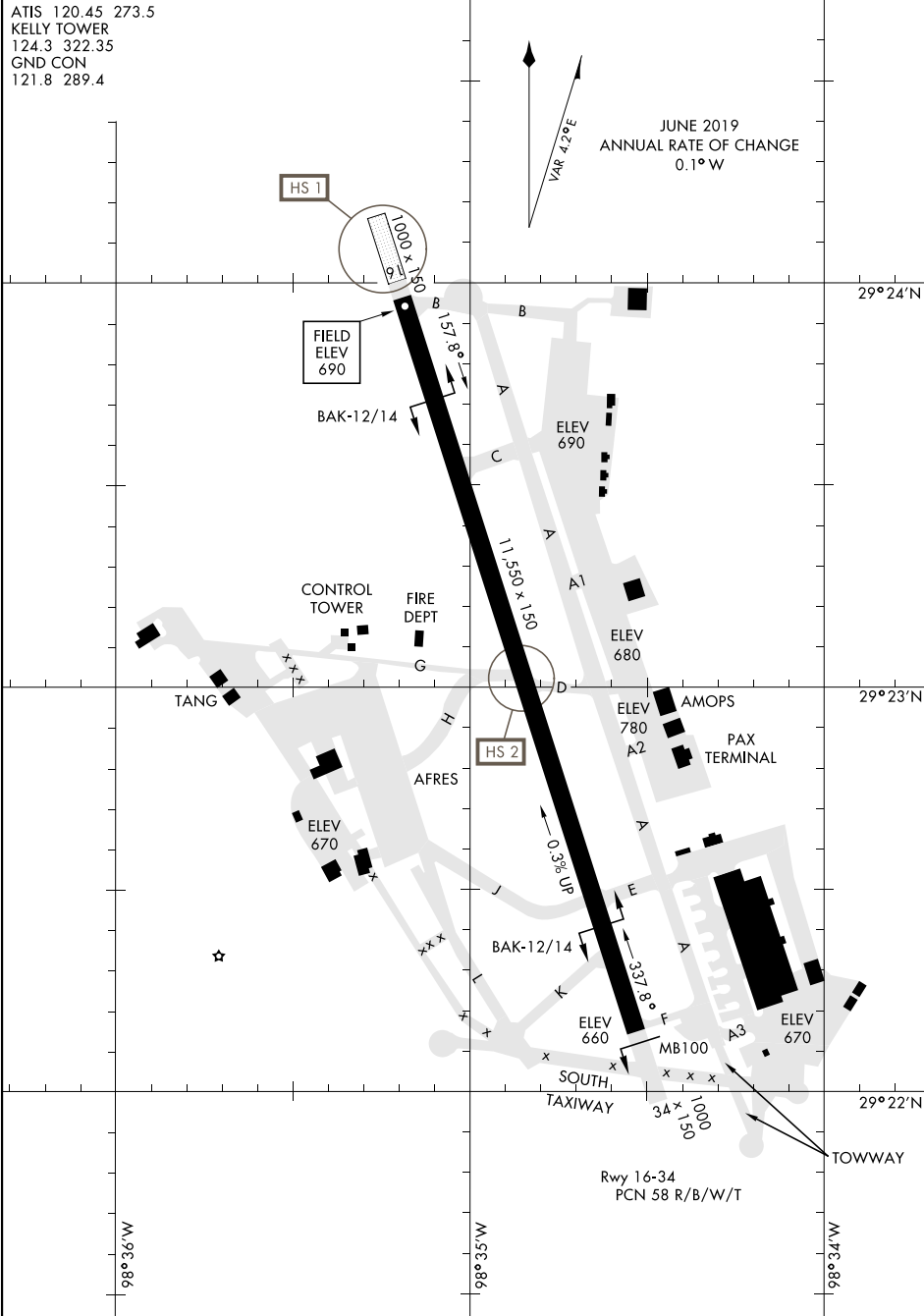
SAN ANTONIO, TEXAS

29° 23' N-98° 35' W

KELLY FLD (KSKF)

Amdt 2 17APR25

TACAN Y RWY 34



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

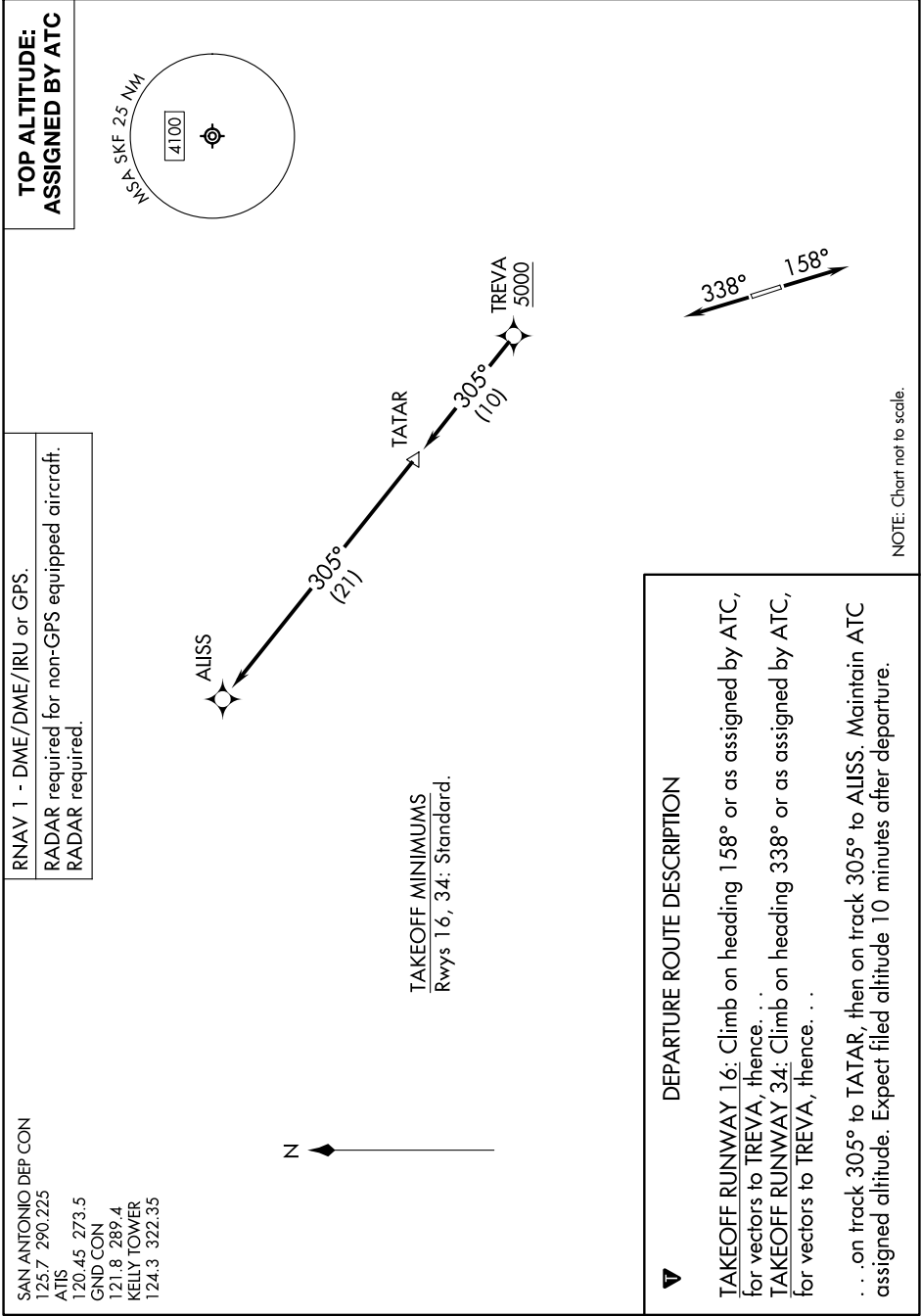
(ALISS7.ALISS) 25219

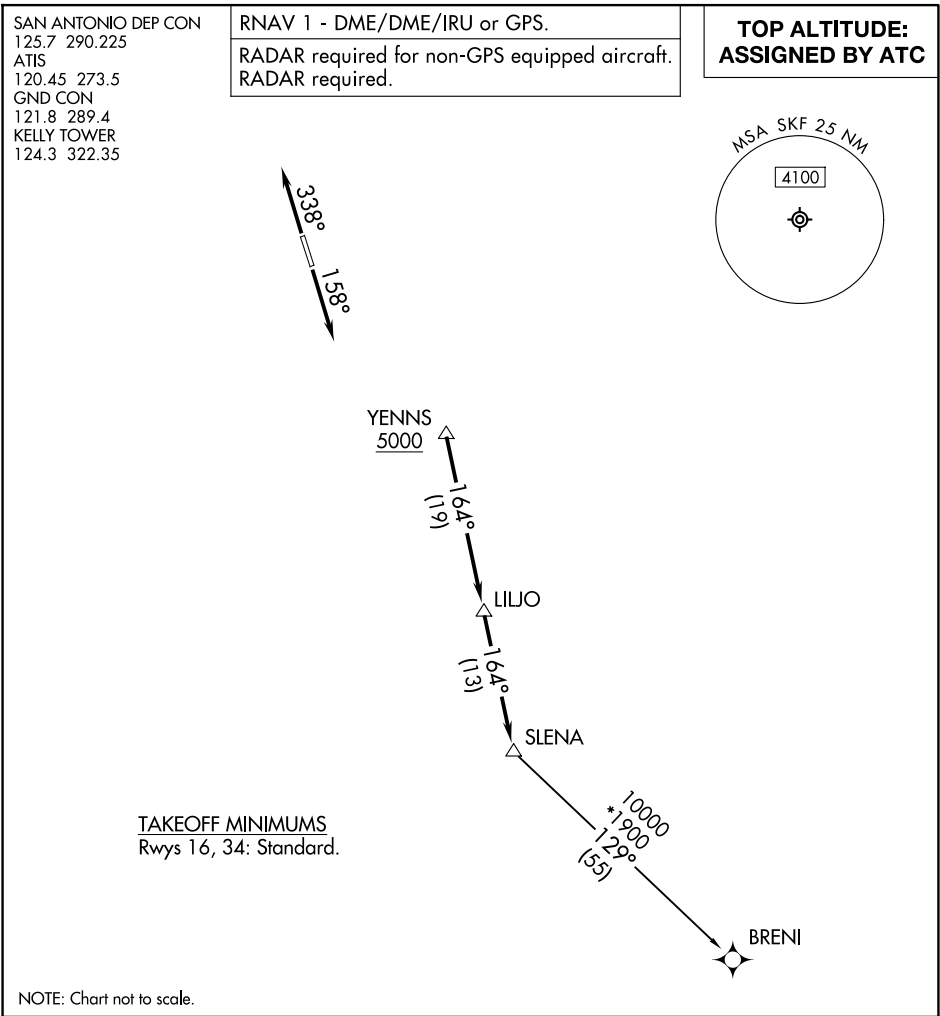
AL-371 (FAA)

KELLY FLD (SKF)

ALISS SEVEN DEPARTURE (RNAV)

SAN ANTONIO, TEXAS





DEPARTURE ROUTE DESCRIPTION
TAKEOFF RUNWAY 16: Climb on heading 158° or as assigned by ATC, for vectors to YENNS. Thence. . . TAKEOFF RUNWAY 34: Climb on heading 338° or as assigned by ATC, for vectors to YENNS. Thence.on track 164° to LILJO, then on track 164° to SLENA, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure. BRENI TRANSITION (SLENA2.BRENI)

SNIDR TWO DEPARTURE (RNAV)

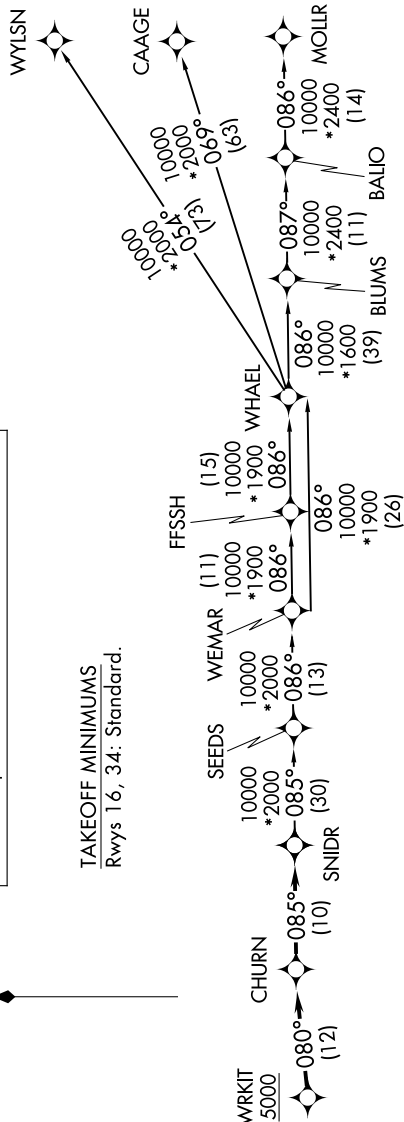
SAN ANTONIO DEP CON
125.7 290.225
ATIS
120.45 273.5
GND CON
121.8 289.4
KELLY TOWER
124.3 322.35

SNIDR TWO DEPARTURE (RNAV)
(SNIDR2.SNIDR) 07AUG25

RNAV 1 - DME/DME/IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

TAKEOFF MINIMUMS
Rwys 16, 34: Standard.

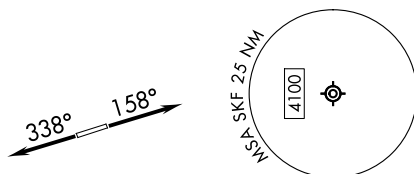


DEPARTURE ROUTE DESCRIPTION

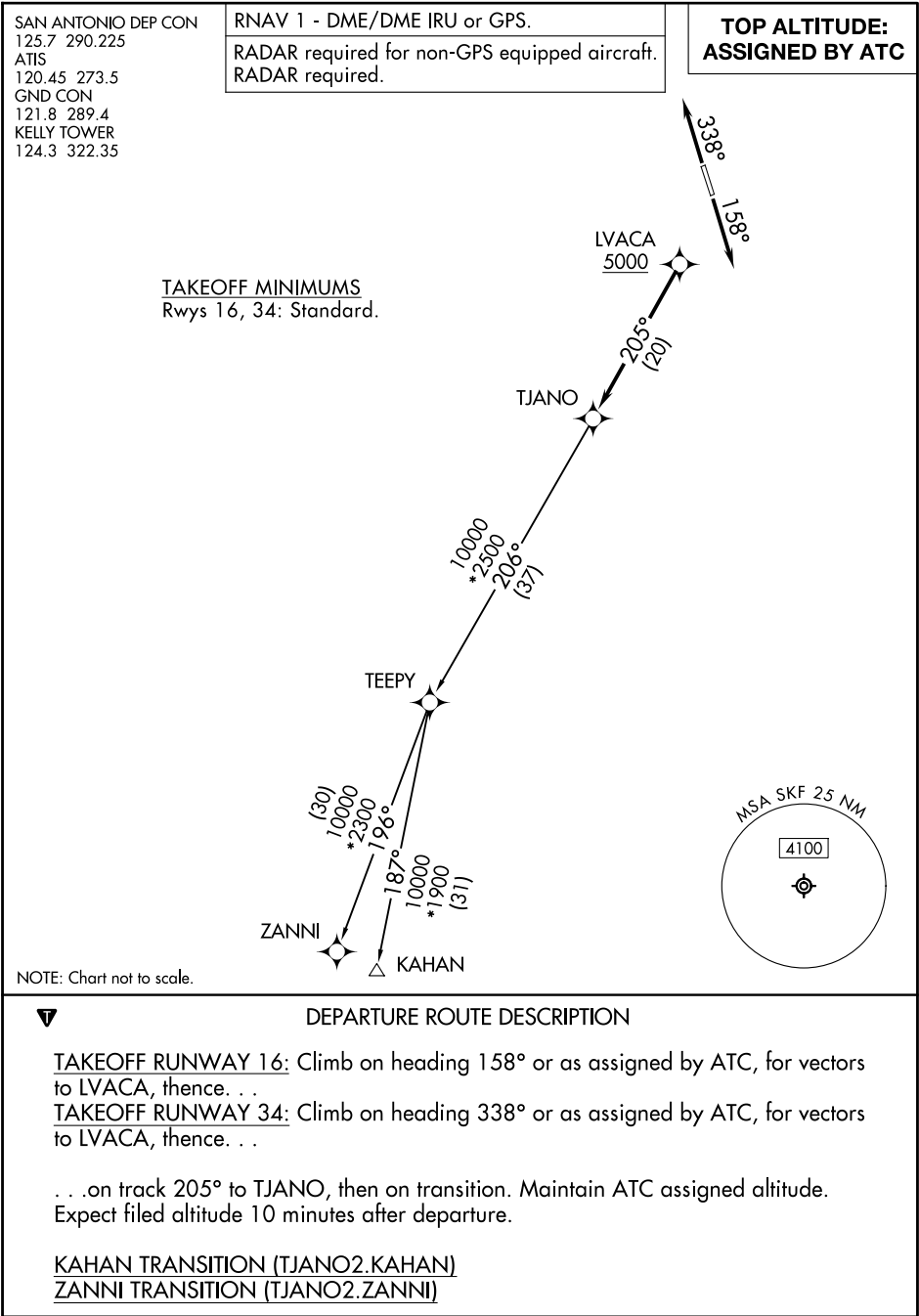
TAKEOFF RUNWAY 16: Climb on heading 158° or as assigned by ATC, for vectors to WRKIT, thence. . .
TAKEOFF RUNWAY 34: Climb on heading 338° or as assigned by ATC, for vectors to WRKIT, thence. . .

...on track 080° to CHURN, then on track 085° to SNIDR. Expect filed altitude 10 minutes after departure.

BLUMS TRANSITION (SNIDR2.BLUMS)
CAAGE TRANSITION (SNIDR2.CAAGE)
FFSSH TRANSITION (SNIDR2.FFSSH)
MOLLR TRANSITION (SNIDR2.MOLLR)
SEEDS TRANSITION (SNIDR2.SEEDS)
WEMAR TRANSITION (SNIDR2.WEMAR)
WHAEL TRANSITION (SNIDR2.WHAEL)
WYLSN TRANSITION (SNIDR2.WYLSN)



NOTE: Chart not to scale.



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

(YODUH2.YODUH) 25219

AL-371 (FAA)

KELLY FLD (SKF)
SAN ANTONIO, TEXAS

YODUH TWO DEPARTURE (RNAV)

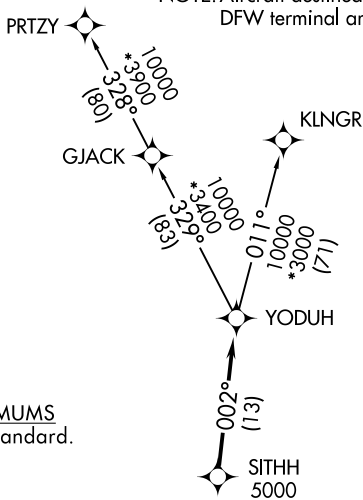
SAN ANTONIO DEP CON
125.7 290.225
ATIS
120.45 273.5
GND CON
121.8 289.4
KELLY TOWER
124.3 322.35

RNAV 1 - DME/DME IRU or GPS.

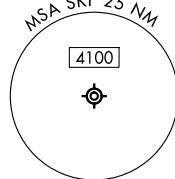
RADAR required for non-GPS equipped aircraft.
RADAR required.

**TOP ALTITUDE:
ASSIGNED BY ATC**

NOTE: Aircraft destined for airports north/northeast of
DFW terminal area must file the KLNGR Transition.



TAKEOFF MINIMUMS
Rwys 16, 34: Standard.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 158° or as assigned by ATC, for vectors to SITHH, thence. . .

TAKEOFF RUNWAY 34: Climb on heading 338° or as assigned by ATC, for vectors to SITHH, thence. . .

. . .on track 002° to YODUH, then on transition. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

KLNGR TRANSITION (YODUH2.KLNGR)

PRTZY TRANSITION (YODUH2.PRTZY)

YODUH TWO DEPARTURE (RNAV)

(YODUH2.YODUH) 07AUG25

SAN ANTONIO, TEXAS
KELLY FLD (SKF)

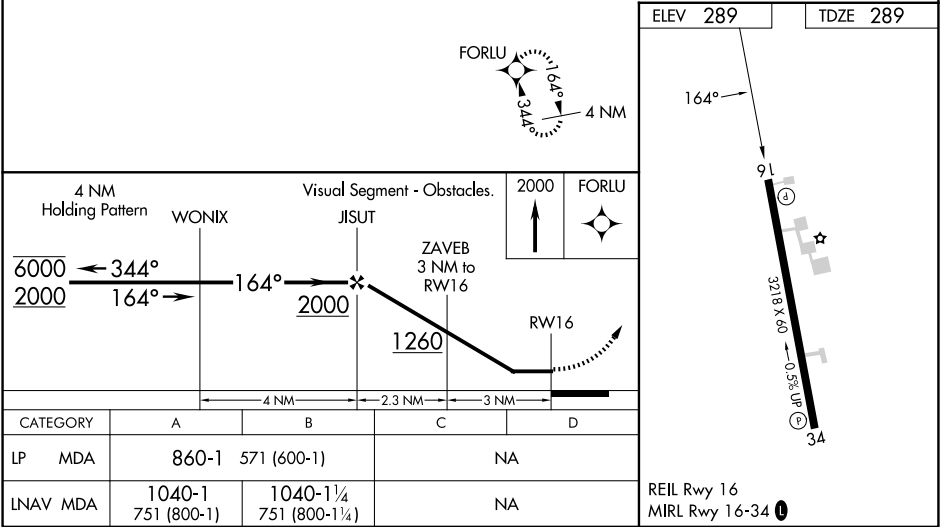
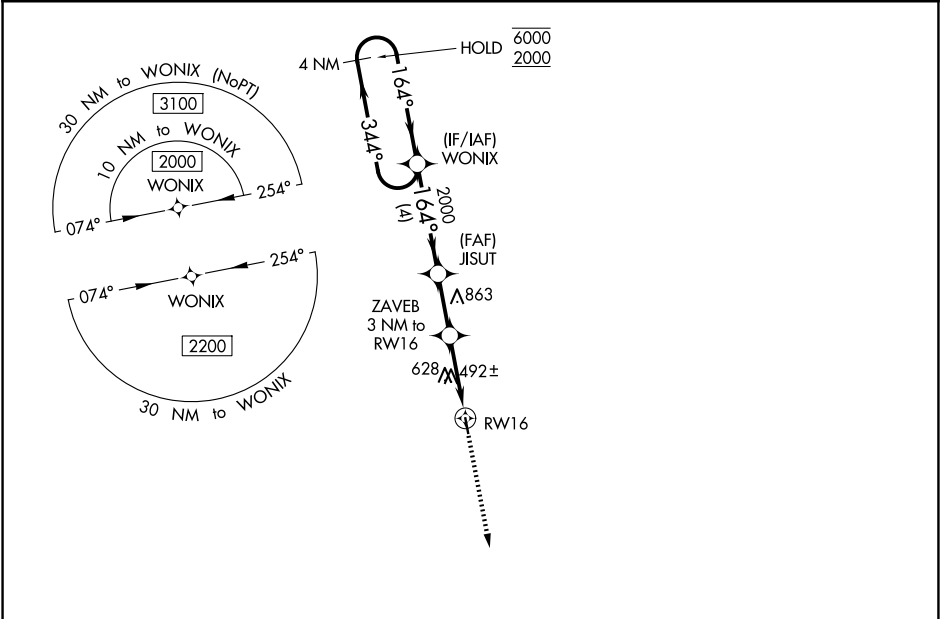
WAAS CH 87125 W16A	APP CRS 164°	Rwy Ldg TDZE Apt Elev	3218 289 289
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RNAV (GPS) RWY 16

KENEDY RGNL (2R.9)

RNP APCH - GPS.	MISSED APPROACH: Climb to 2000 direct FORLU and hold.
▼ ▲ Procedure NA at night. When local altimeter setting not received, use PEZ altimeter setting and increase all MDAs 100 feet. Rwy 16 helicopter visibility reduction below 1 SM NA.	

AWOS 3-PT 118.45	HOUSTON CENTER 134.6 322.5	UNICOM 123.0 (CTAF) 0
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KENEDY, TEXAS

AL-5975 (FAA)

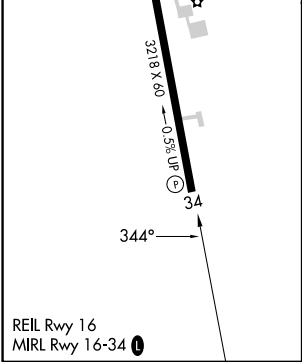
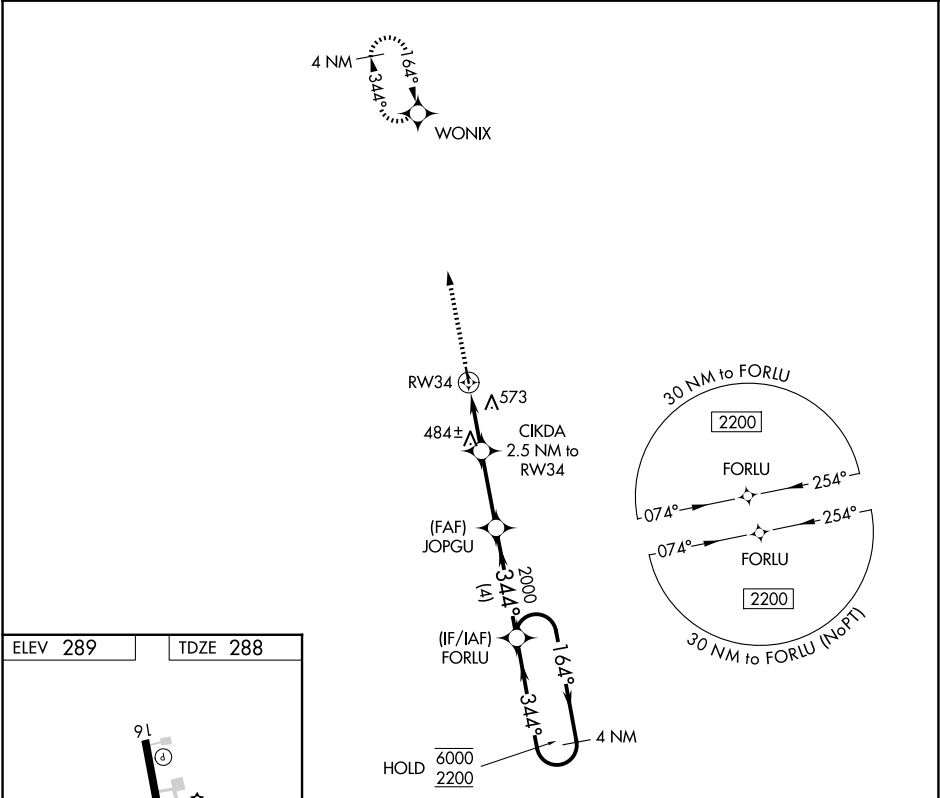
25331

WAAS CH 93925 W34A	APP CRS 344°	Rwy Ldg 3218 TDZE 288 Apt Elev 289
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RNAV (GPS) RWY 34

KENEDY RGNL (2R.9)

RNP APCH - GPS.		MISSED APPROACH: Climb to 2000 direct WONIX and hold.
AWOS 3-PT 118.45	HOUSTON CENTER 134.6 322.5	UNICOM 123.0 (CTAF) 0



2000 WONIX		Visual Segment - Obstacles.		FORLU 4 NM Holding Pattern	
↑		CIKDA 2.5 NM to RW34		JOPGU	
RW34		2000		164° → 6000 ← 344° 2200	
2.5 NM		2.8 NM		4 NM	
CATEGORY	A	B	C	D	
LP MDA	840-1	552 (600-1)	NA		
RNAV MDA	900-1	612 (700-1)	NA		

KENEDY, TEXAS
Orig-E 27NOV25

28°49'N-97°52'W

KENEDY RGNL (2R.9)

RNAV (GPS) RWY 34

SC-3, 03 SEP 2026 to 29 OCT 2026

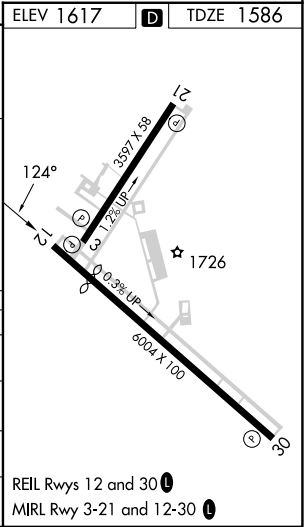
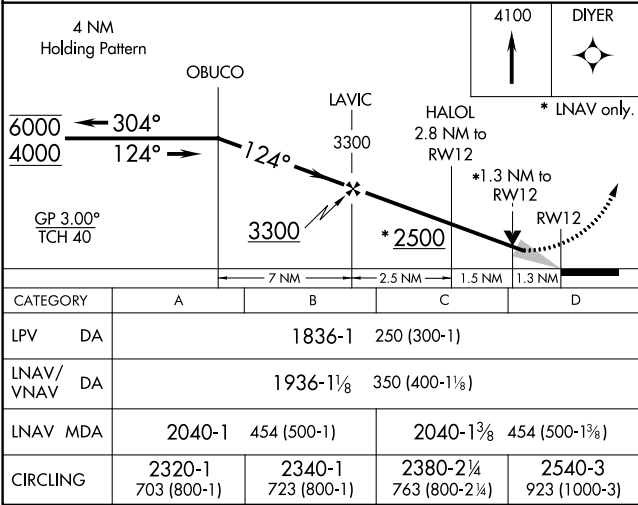
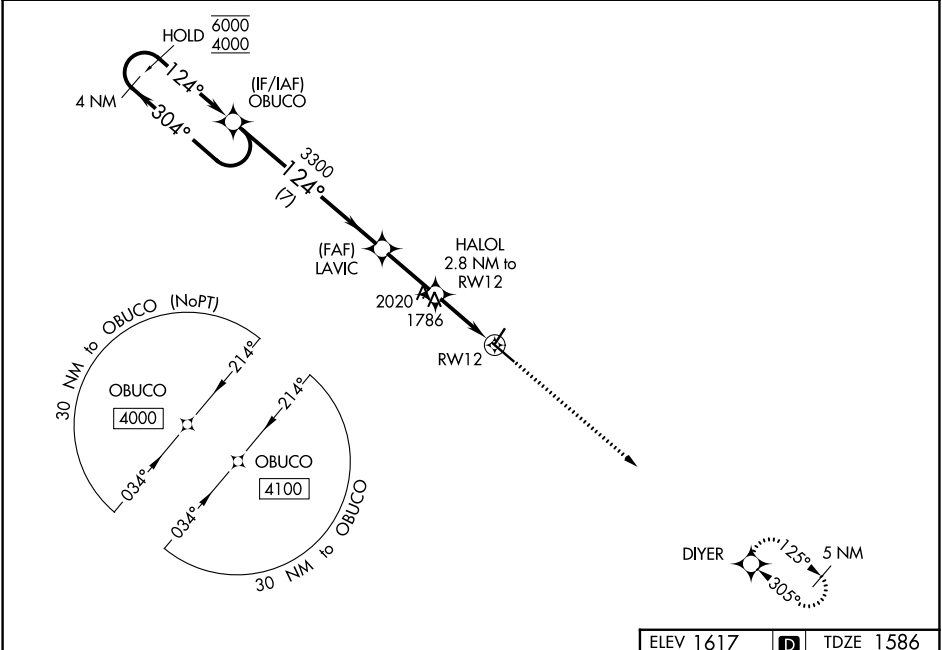
SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 45628 W12A	APP CRS 124°	Rwy Ldg TDZE 1586 Apt Elev 1617
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RNAV (GPS) RWY 12

KERRVILLE MUNI/LOUIS SCHREINER FLD (ERV)

RNP APCH. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.			MISSED APPROACH: Climb to 4100 direct DIYER and hold.
AWOS-3 118.125	HOUSTON CENTER 134.95 269.4	CLNC DEL 134.95	UNICOM 122.8 (CTAF) 0



KERRVILLE, TEXAS

AL-5690 (FAA)

26246

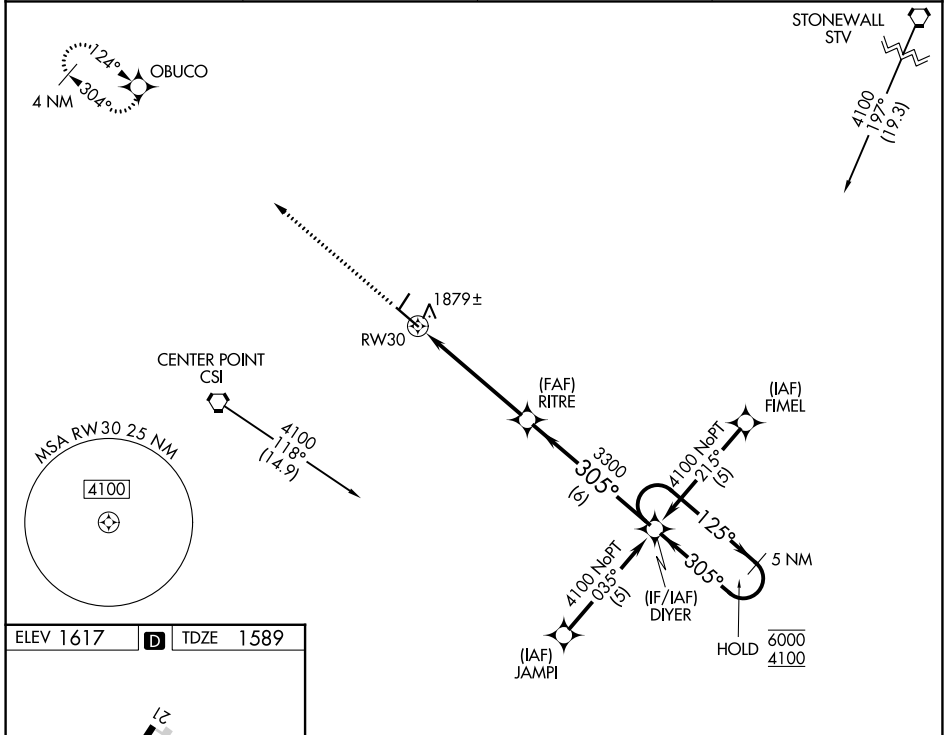
WAAS CH 77527 W30A	APP CRS 305°	Rwy Ldg TDZE 1589 Apt Elev 1617
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RNAV (GPS) RWY 30

KERRVILLE MUNI/LOUIS SCHREINER FLD (ERV)

RNP APCH.	MISSED APPROACH: Climb to 4000 direct OBUCO and hold.
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AWOS-3 118.125	HOUSTON CENTER 134.95 269.4	CLNC DEL 134.95	UNICOM 122.8 (CTAF)
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4000	OBUCO	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00°/TCH 40).				5 NM Holding Pattern
*RNAV only.		RITRE 3300	305°	DIYER	125°	6000 4100
		RW30	3300		305°	GP 3.00° TCH 45
		1.7 NM	3.5 NM	6 NM		
CATEGORY	A	B	C	D		
LPV DA	1860-1 271 (300-1)				NA	
RNAV MDA	2140-1	551 (600-1)	2140-1 5/8 551 (600-1 5/8)	NA		
CIRCLING	2320-1 703 (800-1)	2340-1 723 (800-1)	2380-2 1/4 763 (800-2 1/4)	NA		

KERRVILLE, TEXAS

Orig-B 30JAN20

KERRVILLE MUNI/LOUIS SCHREINER FLD (ERV)

29°59'N-99°05'W

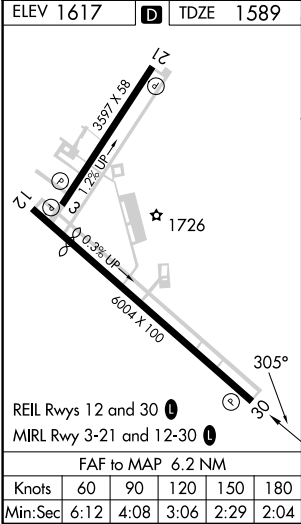
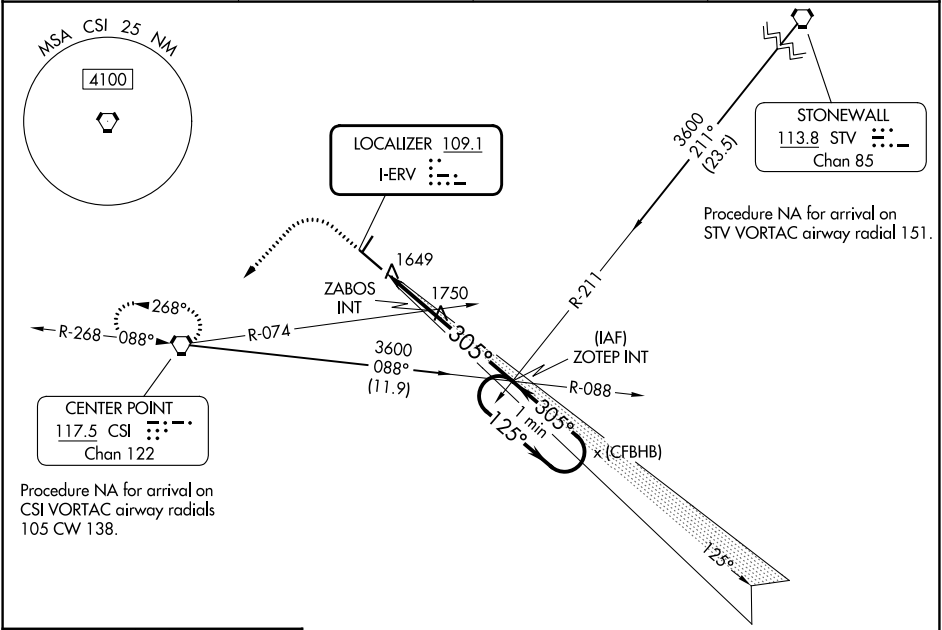
RNAV (GPS) RWY 30

▼

▲ NA

MISSED APPROACH: Climb to 2100 then climbing left turn to 4100 direct CSI VORTAC and hold, continue climb-in-hold to 4100.

AWOS-3 118.125	HOUSTON CENTER 134.95 269.4	CLNC DEL 134.95	UNICOM 122.8 (CTAF) 0
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2100 4100 CSI				
ZABOS INT ZOTEP INT One Minute Holding Pattern				
125° 3600 305° 305° 305° 2360 3.00° TCH 40				
2.3 NM 3.9 NM				
CATEGORY	A	B	C	D
S-30	2360-1 771 (800-1)	2360-1¼ 771 (800-1¼)	2360-2½ 771 (800-2½)	
CIRCLING	2360-1 743 (800-1)	2360-1¼ 743 (800-1¼)	2380-2½ 763 (800-2½)	2540-3 923 (1000-3)
ZABOS FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)				
S-30	1900-1 311 (300-1)			
CIRCLING	2260-1 643 (700-1)	2340-1 723 (800-1)	2380-2¼ 763 (800-2¼)	2540-3 923 (1000-3)

KERRVILLE, TEXAS

AL-5690 (FAA)

26246

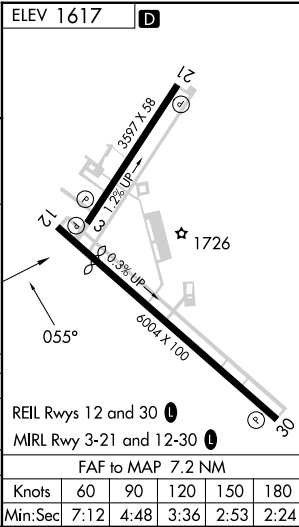
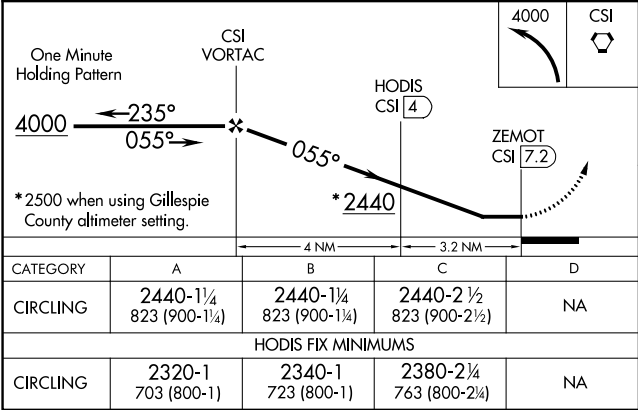
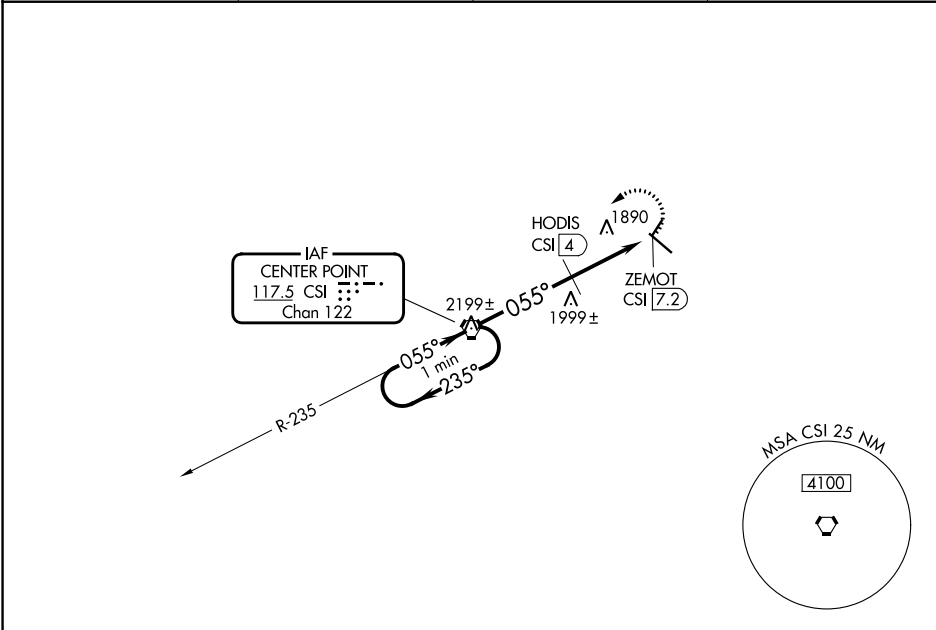
VORTAC CSI 117.5 Chan 122	APP CRS 055°	Rwy Ldg TDZE Apt Elev 1617	N/A N/A 1617
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VOR-A

KERRVILLE MUNI/LOUIS SCHREINER FLD (ERV)

▼ When local altimeter setting not received, use Fredericksburg altimeter setting and increase all MDAs 60 feet, increase Cat C visibility ¼ SM and HODIS fix minimums Cat C visibility ¼ SM. ▲	MISSED APPROACH: Climbing left turn to 4000 direct CSI VORTAC.
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AWOS-3 118.125	HOUSTON CENTER 134.95 269.4	CLNC DEL 134.95	UNICOM 122.8 (CTAF) 0
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KERRVILLE, TEXAS

Amdt 3B 30JAN20

KERRVILLE MUNI/LOUIS SCHREINER FLD (ERV)

29°59'N-99°05'W

VOR-A

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 50239 W01A	APP CRS 012°	Rwy Ldg TDZE 843 Apt Elev 848
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RNAV (GPS) RWY 1
SKYLARK FLD (ILE)

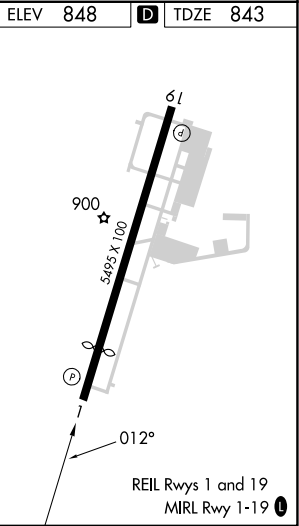
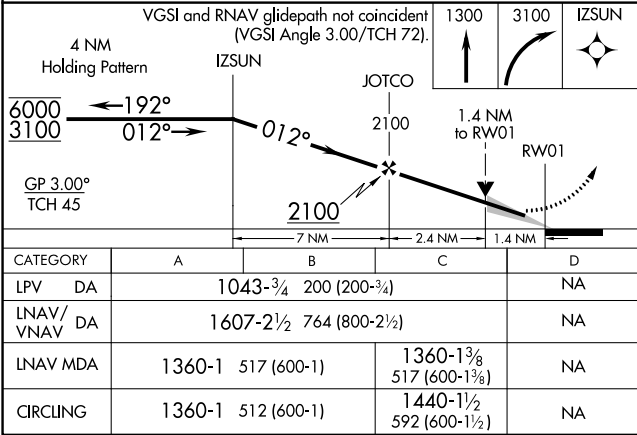
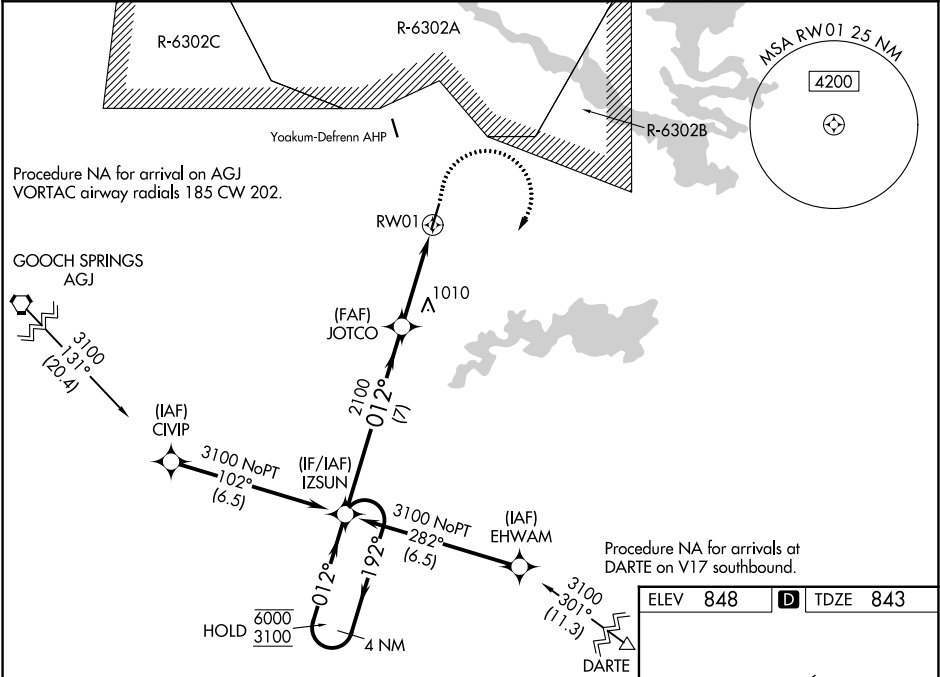
RNP APCH - GPS.



For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Circling Rwy 19 NA at night.

MISSED APPROACH: Climb to 1300 then climbing right turn to 3100 direct IZSUN and hold.

AWOS-3PT 128.575	GRAY APP CON 120.075 323.15	CLNC DEL 121.7	UNICOM 122.7 (CTAF)
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SC-3, 03 SEP 2026 to 29 OCT 2026

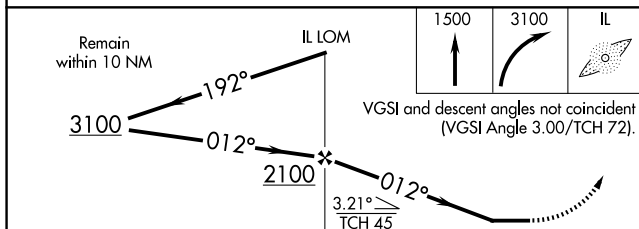
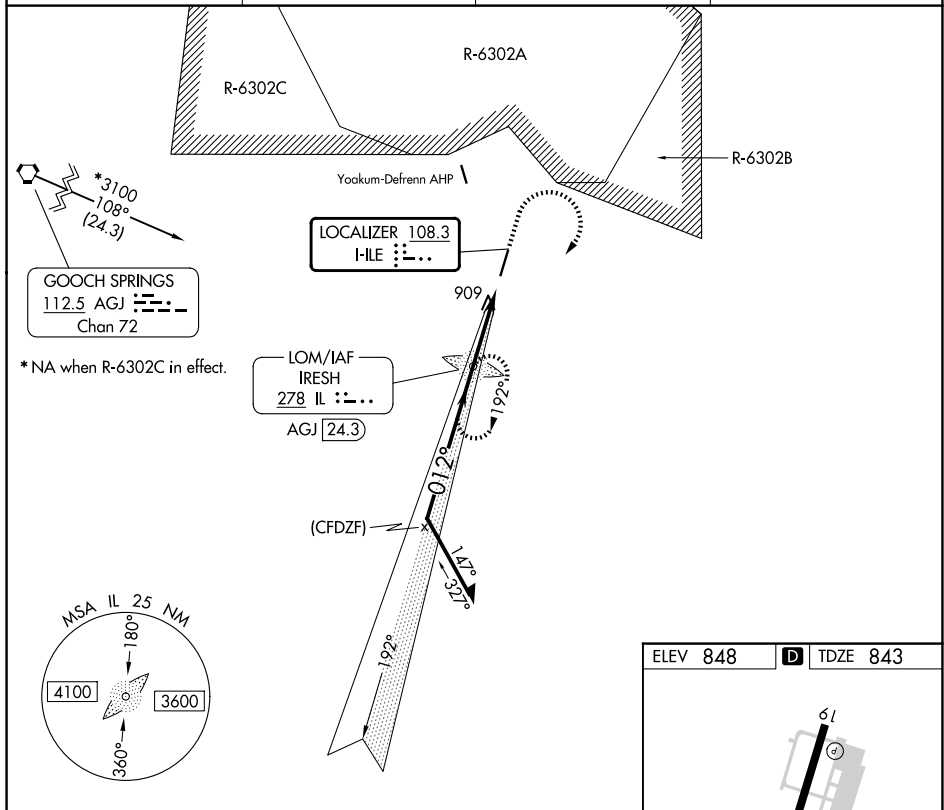
SC-3, 03 SEP 2026 to 29 OCT 2026

LOC RWY 1
SKYLARK FLD (ILE)

MISSED APPROACH: Climb to 1500 then climbing right turn to 3100 direct IRESH LOM and hold, continue climb-in-hold to 3100.

T
A NA Cirdling Rwy 19 NA at night.

AWOS-3PT 128,575	GRAY APP CON 120,075 323.15	CLNC DEL 121.7	UNICOM 122.7 (CTAF) 
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				3.6 NM				012 ↗		REIL Rwy 1 and 19 MIRL Rwy 1-19 (1)	
CATEGORY	A	B	C	D							
S-1	1160-1		317 (400-1)		NA		FAF to MAP 3.6 NM				
CIRCLING	1300-1	1340-1	1440-1½	NA	Knots	60	90	120	150	180	
	452 (500-1)	492 (500-1)	592 (600-1½)		Min:Sec	3:36	2:24	1:48	1:26	1:12	

SKYLARK FLD (ILE)
LOC RWY 1

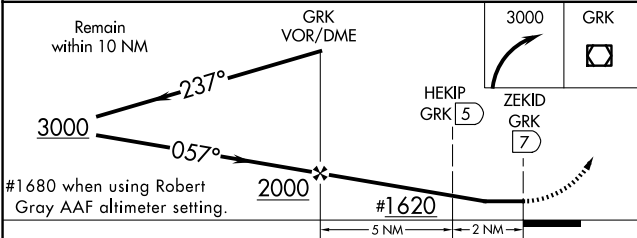
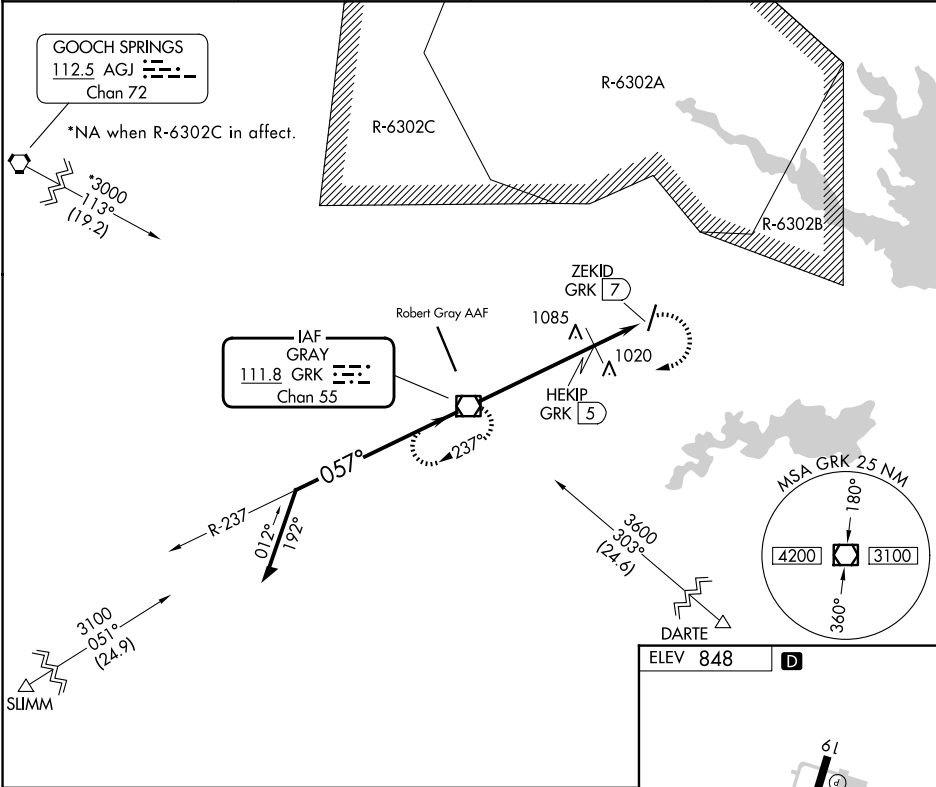
SC-3, 03 SEP 2026 to 29 OCT 2026

VOR/DME GRK	APP CRS	Rwy Ldg TDZE	N/A
111.8	057°	Apt Elev	N/A
Chan 55			848

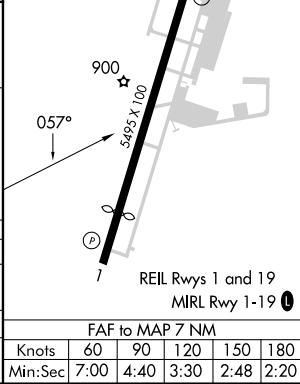
VOR-A
SKYLARK FLD (ILE)

NA	Circling Rwy 19 NA at night. When local altimeter setting not received, use Robert Gray AAF altimeter setting and increase all MDA 60 feet.	MISSED APPROACH: Climbing right turn to 3000 direct GRK VOR/DME and hold.
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AWOS-3PT 128.575	GRAY APP CON 120.075 323.15	CLNC DEL 121.7	UNICOM 122.7 (CTAF) 1
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CATEGORY	A	B	C	D
CIRCLING	1620-1 772 (800-1)	1620-1¼ 772 (800-1¼)	1620-2¼ 772 (800-2¼)	NA
HEKIP FIX MINIMUMS (DME REQUIRED)				
CIRCLING	1320-1 472 (500-1)	1360-1 512 (600-1)	1440-1½ 592 (600-1½)	NA



CONRA FOUR DEPARTURE

DEPARTURE ROUTE DESCRIPTION
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TAKEOFF RUNWAY 1: Climb on assigned heading for RADAR vectors to CONRA INT hence. . . .

TAKEOFF RUNWAY 19: Climb on heading 192° to 1900 before turning east. Then climb on assigned heading for RADAR vectors to CONRA INT thence. . .

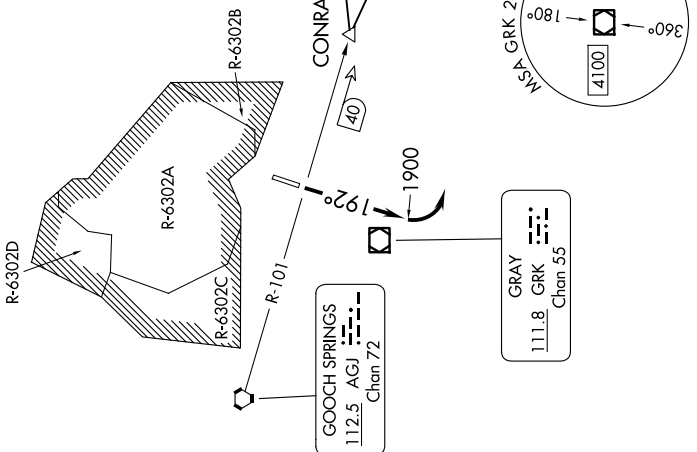
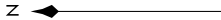
...on assigned transition. Maintain 3500, expect filed altitude 10 minutes after departure.

COLLEGE STATION TRANSITION [CONRA4.CLL]: From over
CONRA INT on CLL R-287 to CLL VORTAC.
LEONA TRANSITION [CONRA4.LOA]: From over CONRA INT
on LOA R-257 to LOA VORTAC.

RADAR required.

TOP ALTITUDE:
3500

GRAY DEP CON
120.075 323.15
AWOS-3PT
128.575
CLNC DEL
121.7
CTAF
122.7



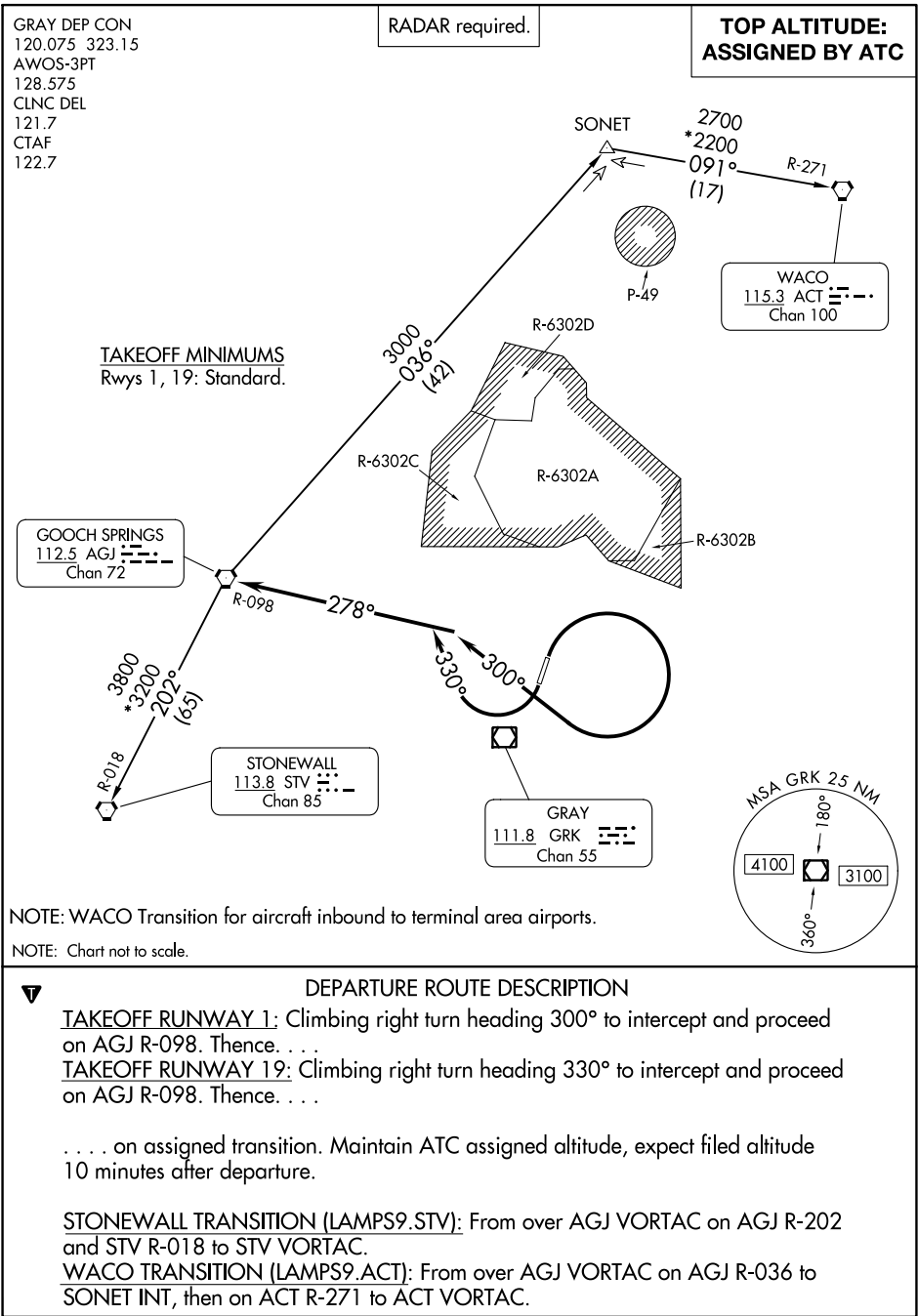
NOTE: Chart not to scale.

CONRA FOUR DEPARTURE

(CONRA4.CONRA) 14MAY26

KILLEEN, TEXAS
SKYLARK FLD (ILE)

LAMP5 NINE DEPARTURE



WAAS CH 86618 W13A	APP CRS 134°	Rwy Idg TDZE Apt Elev	6000 130 130
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RNAV (GPS) RWY 13

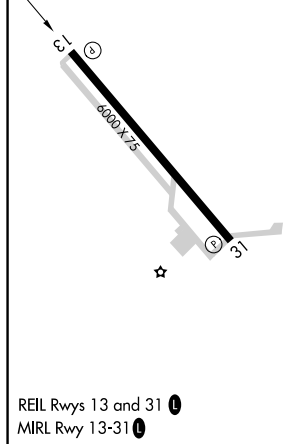
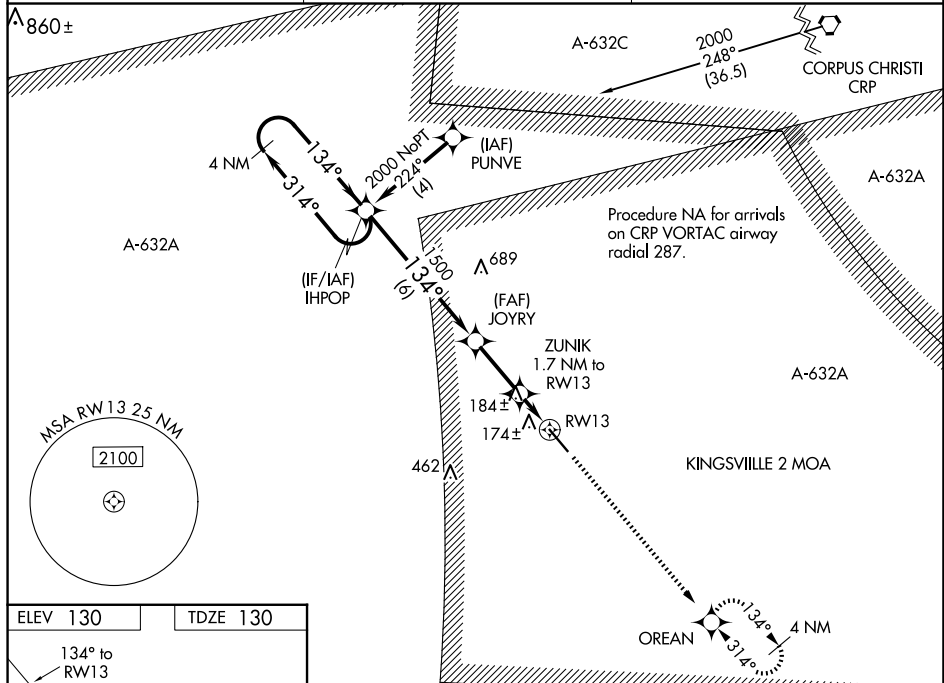
KLEBERG COUNTY (IKG)

▽ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Alice altimeter setting and increase all DA 33 feet and all MDA 40 feet and LPV all Cats, LNAV/VNAV all Cats, and LNAV Cat D visibility ¼ mile. Baro-VNAV and VDP NA when using Alice altimeter setting.

▲ NA

MISSED APPROACH: Climb to 2000 direct OREAN and hold.

AWOS-3P 119.075	KINGSVILLE APP CON ★ 119.9 290.45	UNICOM 122.7 (CTAF) 0
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4 NM Holding Pattern		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 39).		2000	OREAN
GP 3.00° TCH 42		JOYRY 1500		*LNAV only	
314°		134°		ZUNIK 1.7 NM to RWY 13	
1500		*700		*0.9 NM to RWY 13	
6 NM		2.4 NM		0.8 0.9	
CATEGORY	A	B	C	D	
LPV DA		380-¾	250 (300-¾)		
LNAV/VNAV DA		444-1	314 (400-1)		
LNAV MDA		440-1	310 (400-1)		
CIRCLING	500-1 370 (400-1)	580-1 450 (500-1)	580-1½ 450 (500-1½)	680-2 550 (600-2)	

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ILS X or LOC X RWY 13R

LOC I-NQI
110.9

APCH CRS
130°

Rwy Idg
TDZE
Arpt Elev
8000
50
50

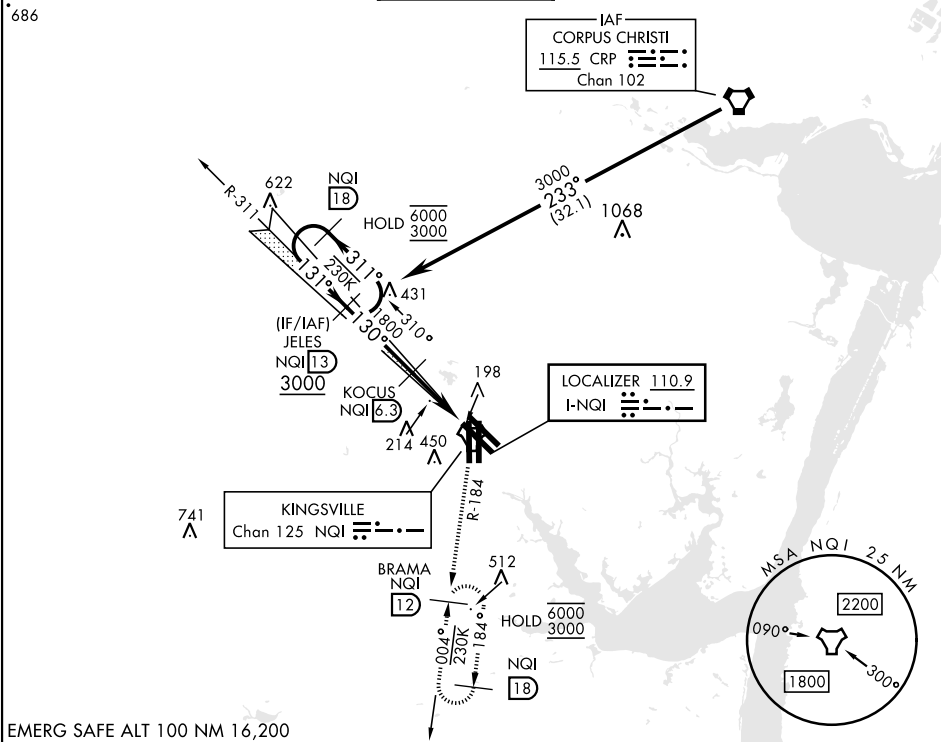
[UN]

KINGSVILLE NAS (KNQI)

TACAN required

MISSED APPROACH: Climb to 500 then climbing right turn to 3000 to intercept NQI TACAN R-184 to BRAMA and hold.

ATIS★ 282.25	APP CON 119.9 290.45	TOWER★ 124.1 377.05	GND CON 239.05	CLNC DEL 328.4	ASR/ PAR
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EMERG SAFE ALT 100 NM 16,200

VGSI and ILS glidepath not coincident (VGSI TCH 35).

500 3000 BRAMA NQI 12

ELEV 50 TDZE 50

311° 131° 130° 1800

GS 3.00° TCH 49

4.8 NM 0.5

CATEGORY	A	B	C	D
S-ILS 13R	250-¾	200	(200-¾)	
S-LOC 13R	460-1	410 (500-1)	460-1½ 410 (500-1½)	
CIRCLING	540-1	490 (500-1)	760-2 710 (800-2)	760-2¼ 710 (800-2¼)

HIRL all rwys REIL all rwys TDZL/CL Rwy 17L

35L 35R A1

ILS X or LOC X RWY 13R

KINGSVILLE, TEXAS

ILS Z or LOC Z RWY 13R

LOC/DME I-NQI 110.9 Chan 46	APCH CRS 130°	Rwy Idg TDZE Arpt Elev 8000 50 50
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[USN]

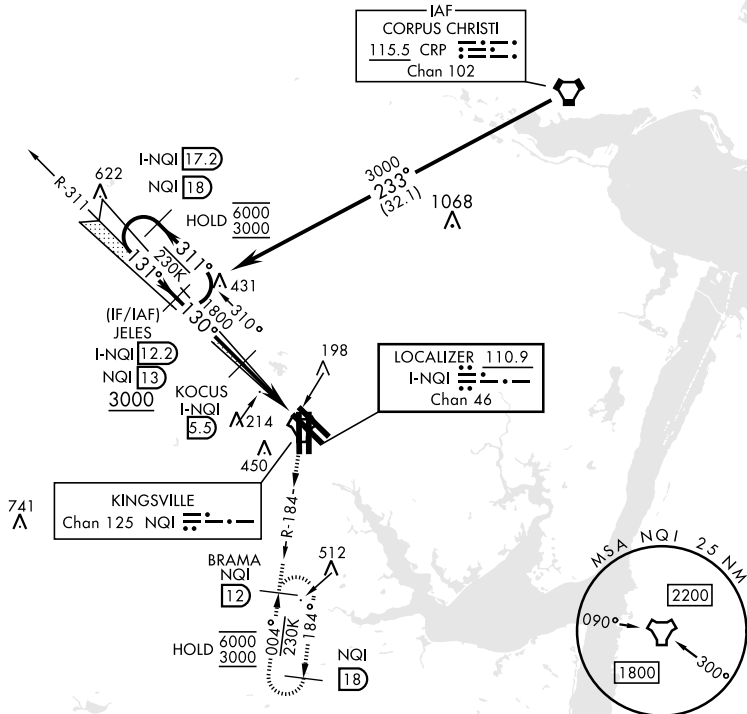
KINGSVILLE NAS (KNQI)

TACAN required

MISSED APPROACH: Climb to 500 then climbing right turn to 3000 and intercept NQI TACAN R-184 to BRAMA and hold.

ATIS ★ 282.25	APP CON 119.9 290.45	TOWER ★ 124.1 377.05	GND CON 239.05	CLNC DEL 328.4	ASR/ PAR
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686



EMERG SAFE ALT 100 NM 16,200

CATEGORY	A		B		C		D	
	S-ILS 13R		250-¾		200		(200-¾)	
S-LOC 13R		460-1	410 (500-1)	460-1½	410 (500-1½)	760-2	760-2¼	
CIRCLING		540-1	490 (500-1)	710 (800-2)	710 (800-2¼)	HIRL all rwys REIL all rwys TDZL/CL Rwy 17L		

KINGSVILLE, TEXAS

27°30'N-97°49'W

KINGSVILLE NAS (KNQI)

Orig 26DEC24

ILS Z or LOC Z RWY 13R

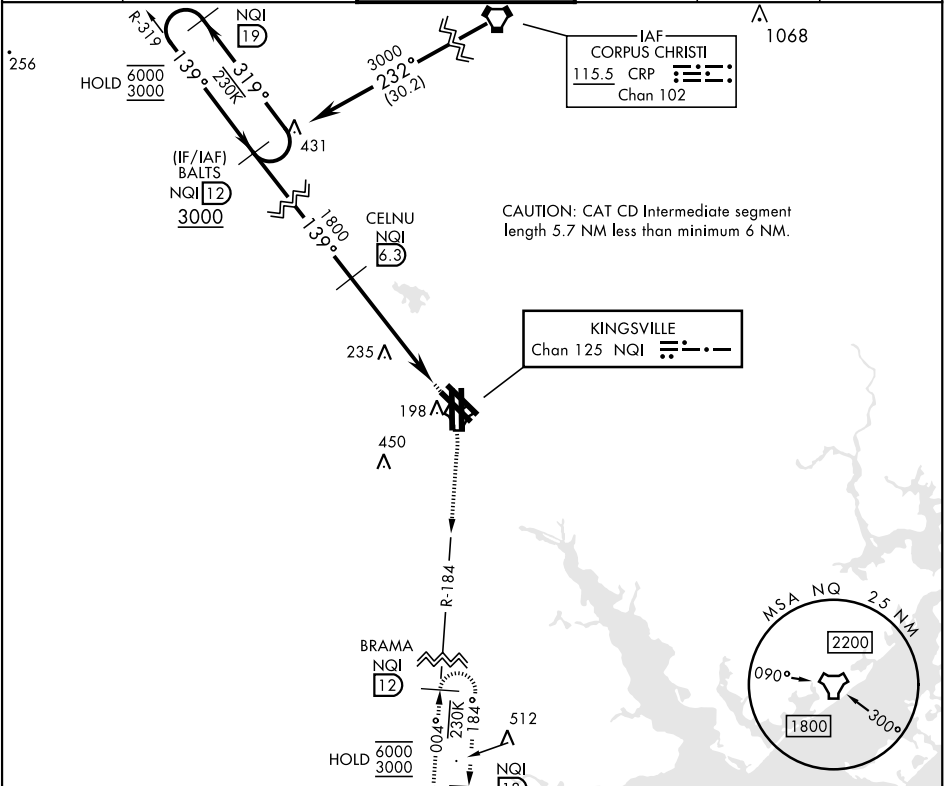
TACAN RWY 13L/R

TACAN NQI Chan 125	APCH CRS 139°	Rwy 13L Idg 8000 TDZE 49 Arpt Elev 50	Rwy 13R Idg 8000 TDZE 50 Arpt Elev 50
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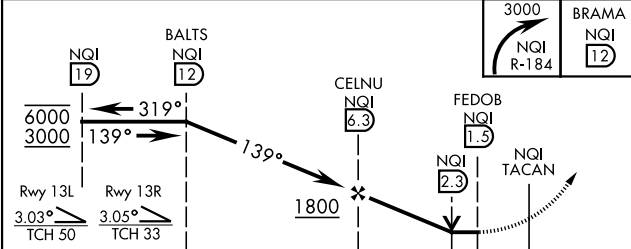
[USN] KINGSVILLE NAS (KNQI)

MISSED APPROACH: Climbing right turn to 3000 to intercept NQI TACAN R-184 to BRAMA and hold.

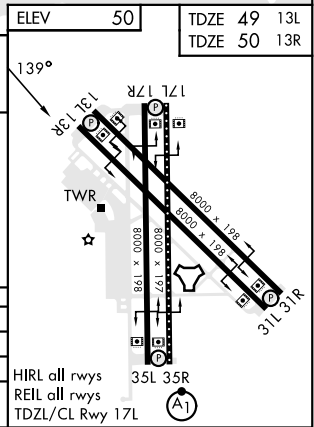
ATIS ★ 282.25	APP CON 119.9 290.45	TOWER ★ 124.1 377.05	GND CON 239.05	CLNC DEL 328.4	ASR/PAR
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EMERG SAFE ALT 100 NM 16,200



CATEGORY	A	B	C	D
S-13L	520-1 471 (500-1)	520-1 471 (500-1)	520-1 471 (500-1)	520-1 471 (500-1)
S-13R	520-1 470 (500-1)	520-1 470 (500-1)	520-1 470 (500-1)	520-1 470 (500-1)
CIRCLING	540-1 490 (500-1)	540-1 490 (500-1)	540-1 490 (500-1)	540-1 490 (500-1)



TACAN RWY 13L/R

KINGSVILLE, TEXAS

TACAN RWY 17L

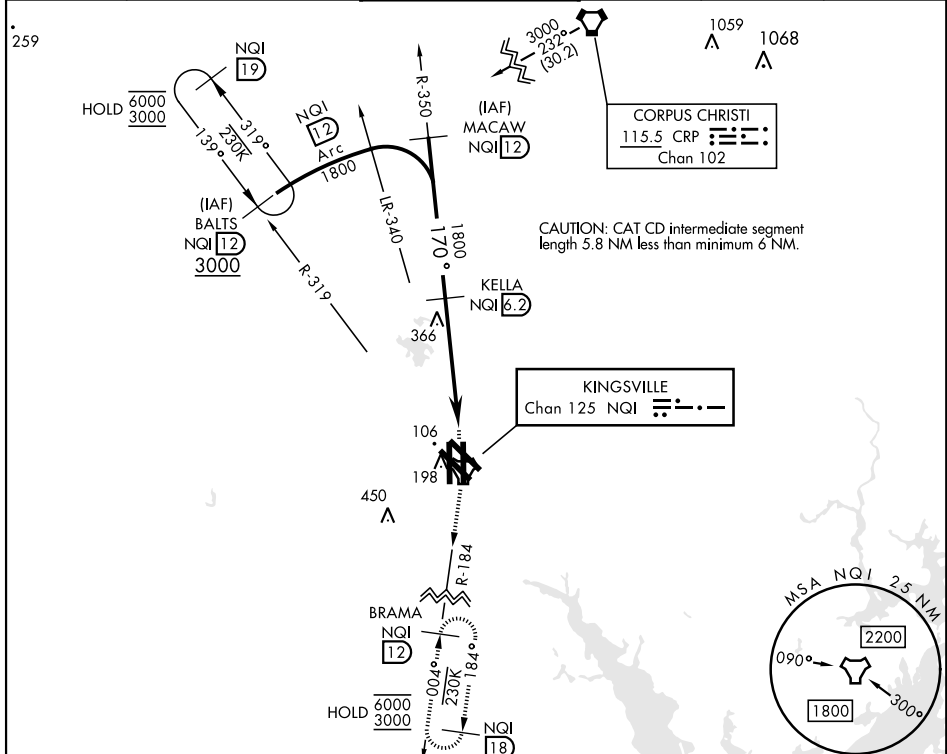
TACAN NQI	APCH CRS	Rwy Idg TDZE	8000
Chan 125	170°	Arpt Elev	49
			50

[USN]

KINGSVILLE NAS (KNQI)

MISSED APPROACH: Climb to 3000 direct NQI TACAN and climbing right turn to intercept NQI R-184 and hold.

ATIS ★ 282.25	APP CON 119.9 290.45	TOWER ★ 124.1 377.05	GND CON 239.05	CLNC DEL 328.4	ASR/PAR
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EMERG SAFE ALT 100 NM 16,200

ELEV 50				TDZE 49			
3000				NQI			
1800				NQI R-184			
MACAW NQI 12				BAMA NQI 12			
KELLA NQI 6.2				CUBUR NQI 3.3			
PEBSE NQI 1.4				NQI TACAN			
3.04				TCH 50			
2.7 NM				2.1 NM			
CATEGORY	A	B	C	D			
S-17L	360-1	311	(400-1)				
CIRCLING	540-1	490	(500-1)	760-2	710	(800-2)	760-2 1/4
				710	(800-2 1/4)		

KINGSVILLE, TEXAS

27°30'N-97°49'W

KINGSVILLE NAS (KNQI)

Amdt 2 26DEC24

TACAN RWY 17L

SC-3, 03 SEP 2026 to 29 OCT 2026

KINGSVILLE, TEXAS

TACAN RWY 31L/R

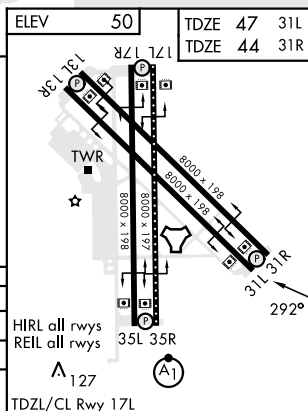
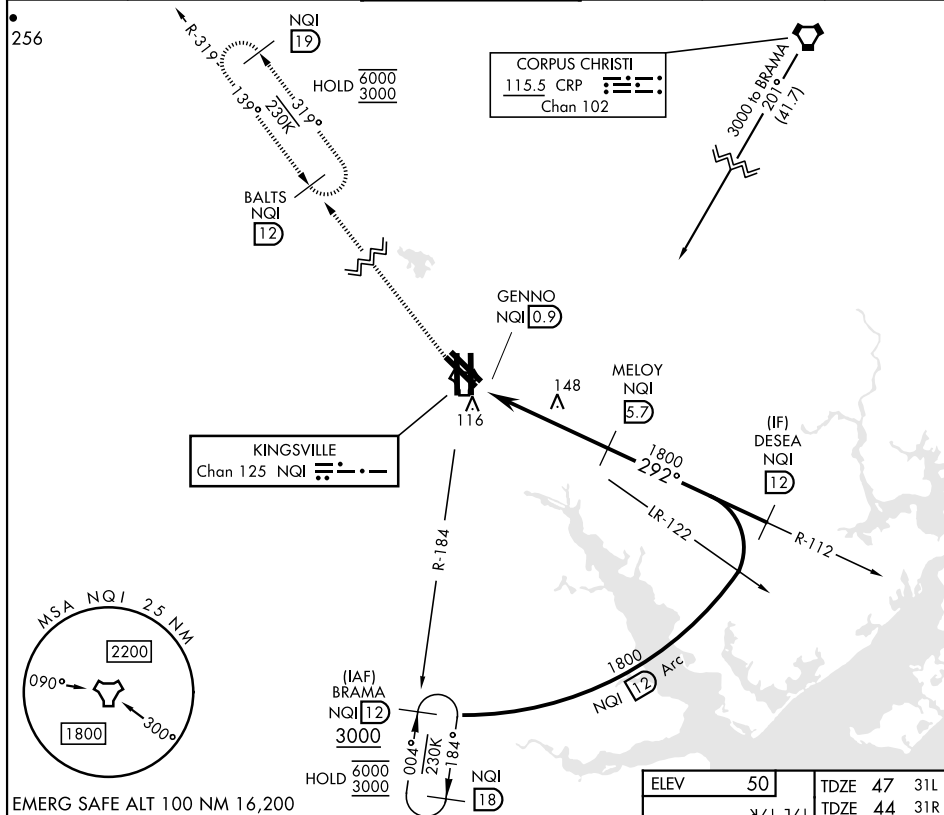
TACAN NQI Chan 125	APCH CRS 292°	Rwy 31L Idg 8000 TDZE 47 Arpt Elev 50	Rwy 31R Idg 8000 TDZE 44 Arpt Elev 50
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[USN]

KINGSVILLE NAS (KNQI)

MISSED APPROACH: Climb to 3000 direct NQI TACAN and climbing right turn to intercept NQI R-319 to BALTS and hold. Continue climb-in-hold to 3000.

ATIS ★ 282.25	APP CON 119.9 290.45	TOWER ★ 124.1 377.05	GND CON 239.05	CLNC DEL 328.4	ASR/PAR
------------------	-------------------------	-------------------------	-------------------	-------------------	---------



KINGSVILLE, TEXAS

27°30'N-97°49'W

KINGSVILLE NAS (KNQI)

Amdt 2 26DEC24

TACAN RWY 31L/R

KINGSVILLE, TEXAS

TACAN Y RWY 17R

TACAN	NOG	APCH CRS	Rwy Idg	8000
Chan	63	146°	TDZE	49
			Arpt Elev	50

[USN]

KINGSVILLE NAS (KNQI)

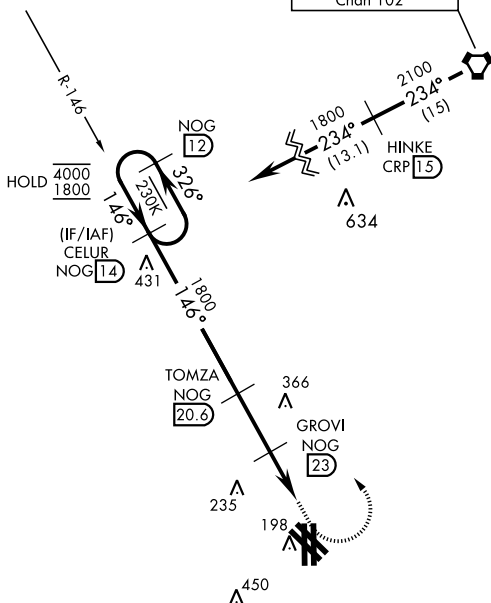
MISSED APPROACH: Climbing left turn to 1800, intercept NOG TACAN R-146 to CELUR and hold.

ATIS ★ 282.25	APP CON 119.9 290.45	TOWER ★ 124.1 377.05	GND CON 239.05	CLNC DEL 328.4	ASR/PAR
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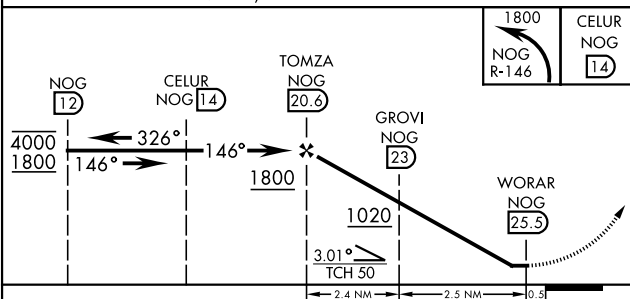
489

ORANGE GROVE
Chan 63 NOG $\equiv \cdot -$

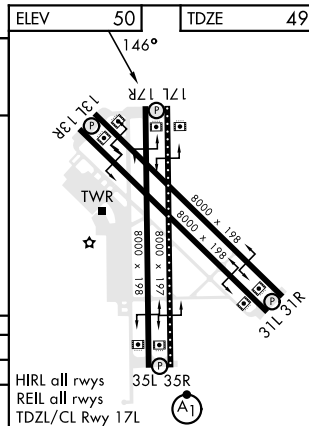
IAF
CORPUS CHRISTI
115.5 CRP
Chan 102



EMERG SAFE ALT 100 NM 16,200



CATEGORY	A	B	C	D
S-17R	520-1	471 (500-1)	520-1 3 ₆	471 (500-1 3 ₆)
 CIRCLING	540-1	490 (500-1)	760-2 4 710 (800-2)	760-2 4 710 (800-2 4)



KINGSVILLE, TEXAS

27°30'N-97°49'W

KINGSVILLE NAS (KNQI)

Amdt 2 26DEC24

TACAN Y RWY 17R

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

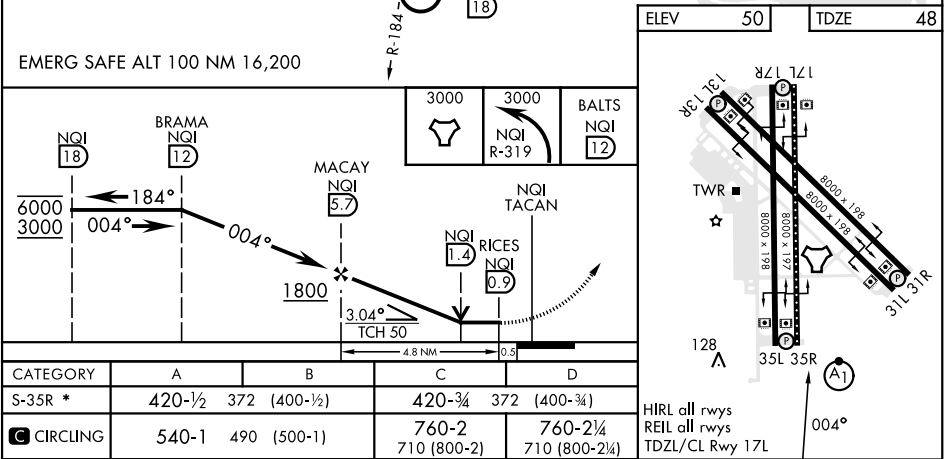
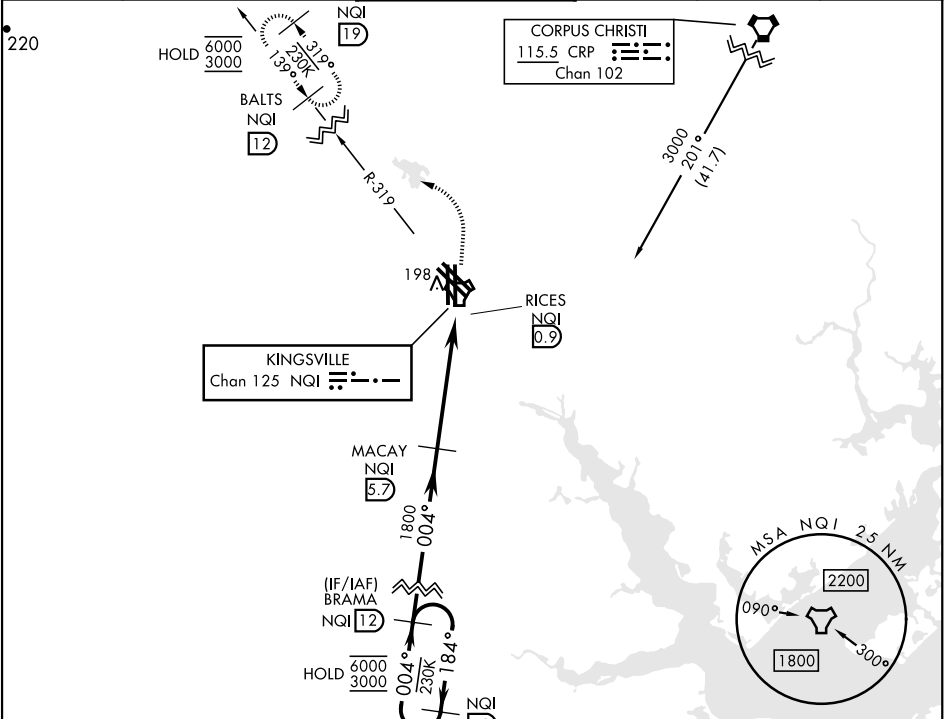
TACAN Y RWY 35R

TACAN NQI Chan 125	APCH CRS 004°	Rwy Idg TDZE Arpt Elev	8000 48 50
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[USN]

KINGSVILLE NAS (KNQI)

* When ALS inop, increase vis to 1 mile.		ALS F-1 A1	MISSED APPROACH: Climb to 3000 direct NQI TACAN and climbing left turn to intercept NQI R-319 to BALTS and hold. Continue climb-in-hold to 3000.		
ATIS ★ 282.25	APP CON 119.9 290.45	TOWER ★ 124.1 377.05	GND CON 239.05	CLNC DEL 328.4	ASR/PAR



TACAN Y RWY 35R

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

TACAN Z RWY 17R

KINGSVILLE NAS (KNQI)

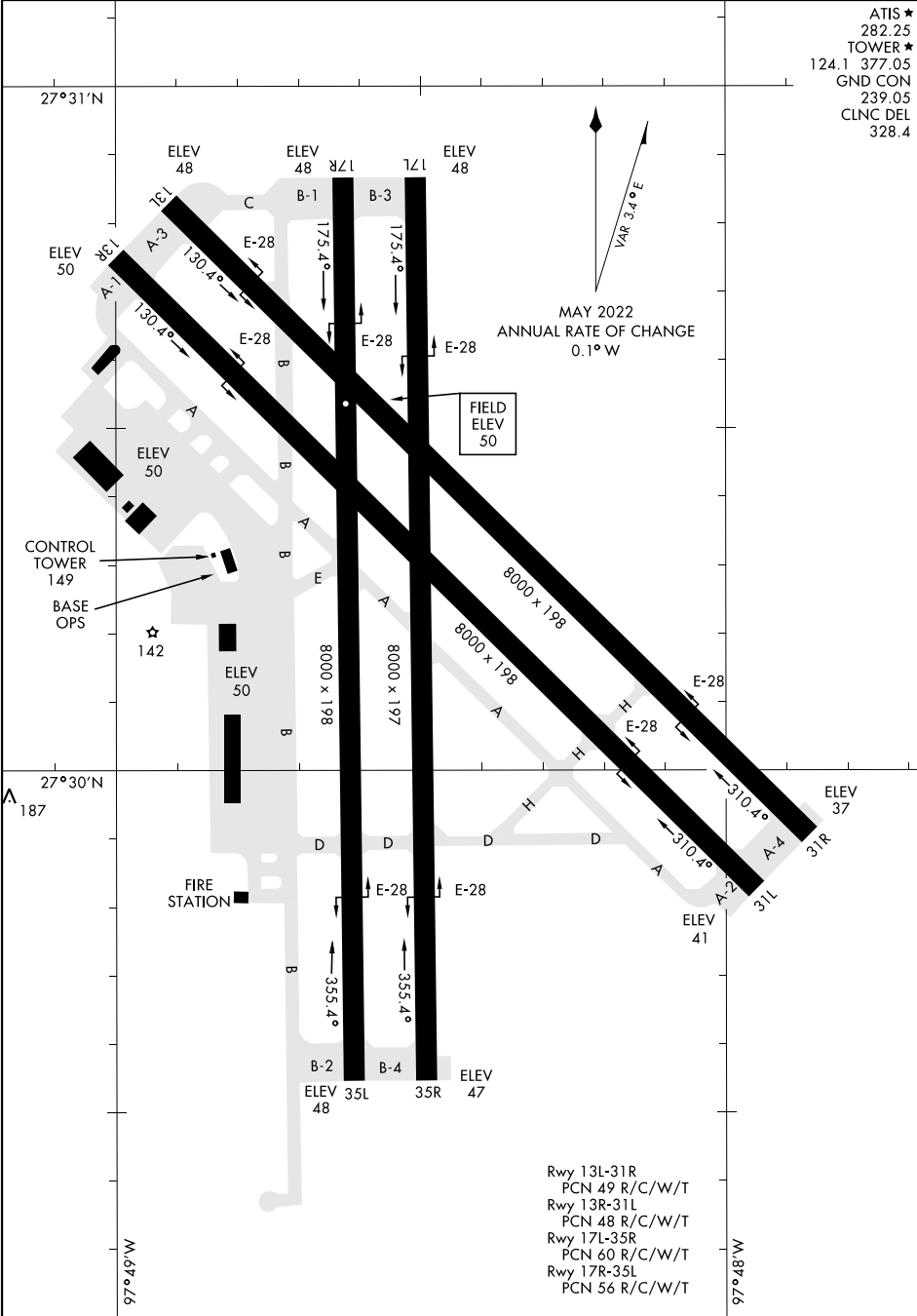
MISSED APPROACH: Climb to 3000 direct NQI TACAN and climbing right turn to intercept NQI R-184 to BRAMA and hold

ASR/PAR

KINGSVILLE NAS (KNQI)

TACAN Z RWY 17R

SC-3, 03 SEP 2026 to 29 OCT 2026



KINGSVILLE FOUR DEPARTURE (NQI4.NQI)

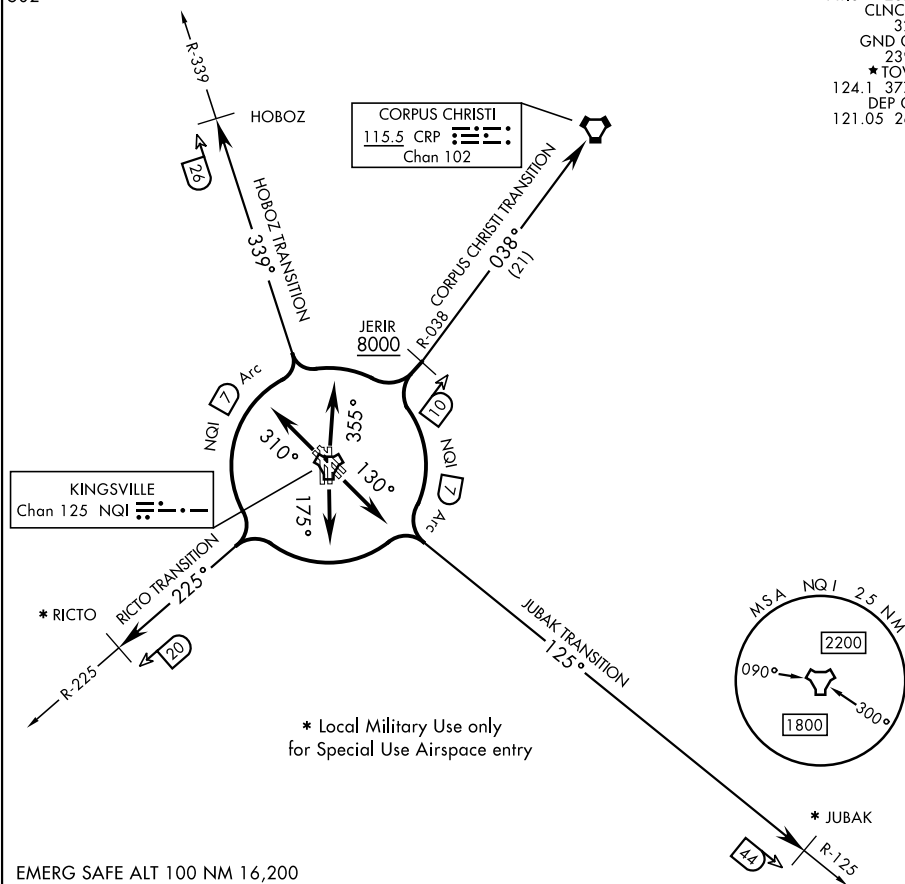
[USN]

KINGSVILLE NAS (KNQI)

KINGSVILLE, TEXAS

502

ATIS★ 282.25
 CLNC DEL 328.4
 239.05
 GND CON
 ★ TOWER 124.1 377.05
 DEP CON 121.05 266.8



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 13L/R: Climb via heading 130° to join NQI TACAN 7 DME arc, thence...

TAKEOFF RWY 17L/R: Climb via heading 175° to join NQI TACAN 7 DME arc, thence...

TAKEOFF RWY 31L/R: Climb via heading 310° to join NQI TACAN 7 DME arc, thence...

TAKEOFF RWY 35L/R: Climb via heading 355° to join NQI TACAN 7 DME arc, thence...

CORPUS CHRISTI TRANSITION (NQI4.CRP):

Rwys 13L/R and 17L/R: ...turn left to intercept NQI 7 DME arc and arc NE. Turn right to intercept NQI R-038 to cross JERIR at or above 8000. Then on NQI R-038 to CRP VORTAC.

Rwys 31L/R and 35L/R: ...turn right to intercept NQI 7 DME arc and arc NE. Turn left to intercept NQI R-038 to cross JERIR at or above 8000. Then on NQI R-038 to CRP VORTAC.

(CONTINUED ON FOLLOWING PAGE)

KINGSVILLE FOUR DEPARTURE (NQI4.NQI)

KINGSVILLE, TEXAS

KINGSVILLE NAS (KNQI)



DEPARTURE ROUTE DESCRIPTION
(CONTINUED)

HOBOZ TRANSITION (NQI4.HOBOZ):

Rwys 13L/R and 35L/R: ...turn left to intercept NQI 7 DME arc and arc NW. Turn right to intercept NQI R-339 to HOBOZ.

Rwys 17L/R and 31L/R: ...turn right to intercept NQI 7 DME arc and arc NW. Turn left to intercept NQI R-339 to HOBOZ.

JUBAK TRANSITION (NQI4.JUBAK): *

Rwys 13L/R and 17L/R: ...turn left to intercept NQI 7 DME arc and arc SE. Turn right to intercept NQI R-125 to JUBAK.

Rwys 31L/R and 35L/R: ...turn right to intercept NQI 7 DME arc and arc SE. Turn left to intercept NQI R-125 to JUBAK.

RICTO TRANSITION (NQI4.RICTO): *

Rwy 13L/R and 17L/R: ...turn right to intercept NQI 7 DME arc and arc SW. Turn left to intercept NQI R-225 to RICTO.

Rwy 31L/R and 35L/R: ...turn left to intercept NQI 7 DME arc and arc SW. Turn right to intercept NQI R-225 to RICTO.

* RICTO and JUBAK transitions are for local use for Special Use Airspace entry only.

LOST COMMUNICATIONS: If no transmissions are received one minute after departure, climb to assigned altitude, proceed direct assigned NAVAID or intercept NQI TACAN 7 DME arc, arc to respective departure radial then via departure radial to assigned departure fix. Then via assigned transition or route. Once established on departure radial climb to filed altitude.

LAGO VISTA, TEXAS

AL-6111 (FAA)

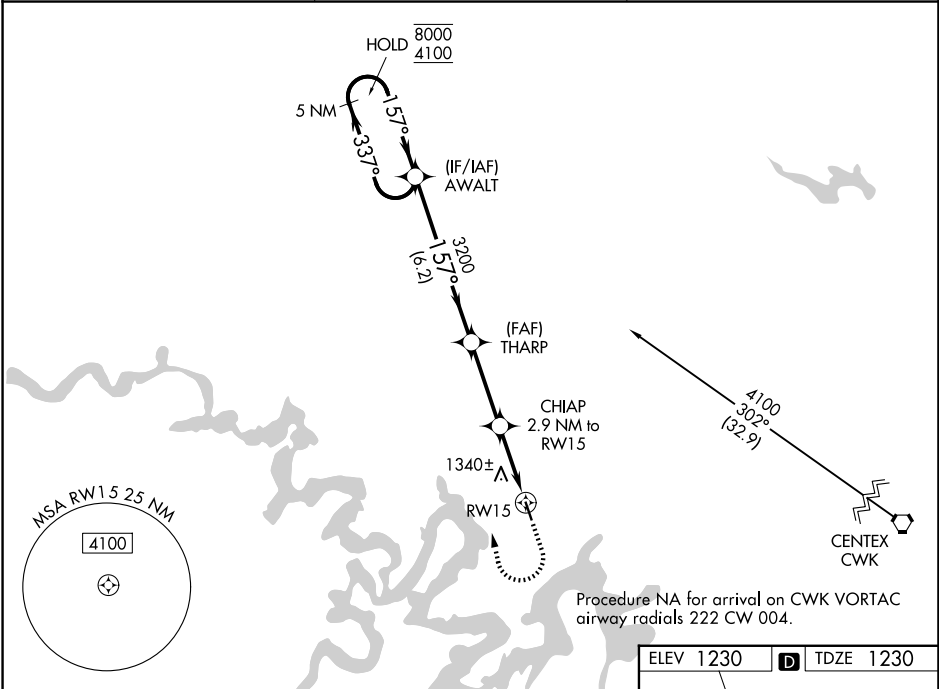
26078

WAAS CH 81831 W15A	APP CRS 157°	Rwy Ldg TDZE 1230 Apt Elev 1230
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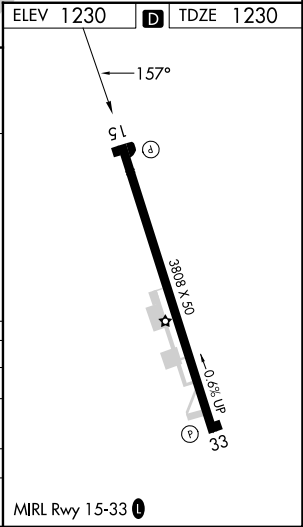
RNAV (GPS) RWY 15
LAGO VISTA TX/RUSTY ALLEN (RYW)

RNP APCH - GPS.	MISSED APPROACH: Climb to 1700 then climbing right turn to 4100 direct AWALT and hold, continue climb-in-hold to 4100.
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AWOS-3PT 119.375	AUSTIN APP CON 119.0 370.85	UNICOM 122.725 (CTAF) 1
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VGSI and RNAV glidepath not coincident (VGSI Angle 4.00/TCH 56).				
5 NM Holding Pattern				
AWALT				
8000 ← 337° 4100 → 157°				
GP 3.00° TCH 40				
THARP 3200, CHIAP 2.9 NM to RW15, 0.8 NM to RW15				
6.2 NM, 3.2 NM, 2.1 NM, 0.8 NM				
CATEGORY	A	B	C	D
LPV DA	1480-1	250 (300-1)	NA	
LNAV/VNAV DA	1641-1 1/8	411 (500-1 1/8)	NA	
LNAV MDA	1620-1	390 (400-1)	NA	
CIRCLING	1660-1 430 (500-1)	1860-1 630 (700-1)	NA	



LAGO VISTA, TEXAS
Amdt 1A 31OCT24

30°30'N-97°58'W

LAGO VISTA TX/RUSTY ALLEN (RYW)
RNAV (GPS) RWY 15

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE:
ASSIGNED BY ATC

AWOS-3PT
119.375
UNICOM (CTAF)
122.725
AUSTIN DEP CON
119.0 370.85

SAN ANGELO
SJT

TAKEOFF MINIMUMS
Rwys 15, 33: Standard.

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

FL180
293°
(91)

AEROZ

AMUSE
5000

337° 157°

293°
(33)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 157° or as assigned by ATC for vectors to cross AMUSE at or above 5000, thence....
TAKEOFF RUNWAY 33: Climb on heading 337° or as assigned by ATC for vectors to cross AMUSE at or above 5000, thence....
... on track 293° to AEROZ, then on SAN ANGELO TRANSITION. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

SAN ANGELO TRANSITION (AEROZ2.SJT)

NOTE: Chart not to scale.

SC-3, 03 SEP 2026 to 29 OCT 2026

(BNDIA3.BNDIA) 22027

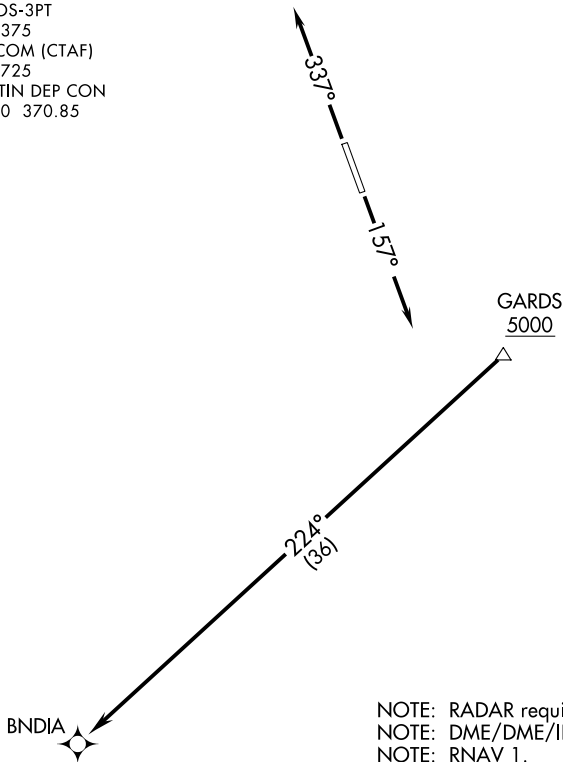
BNDIA THREE DEPARTURE (RNAV)

262
AL-6111 (FAA)

LAGO VISTA TX/RUSTY ALLEN (RYW)
LAGO VISTA, TEXAS

AWOS-3PT
119.375
UNICOM (CTAF)
122.725
AUSTIN DEP CON
119.0 370.85

**TOP ALTITUDE:
ASSIGNED BY ATC**



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

TAKEOFF MINIMUMS:
Rwys 15, 33: Standard.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 157° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence....

TAKEOFF RUNWAY 33: Climb on heading 337° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence....

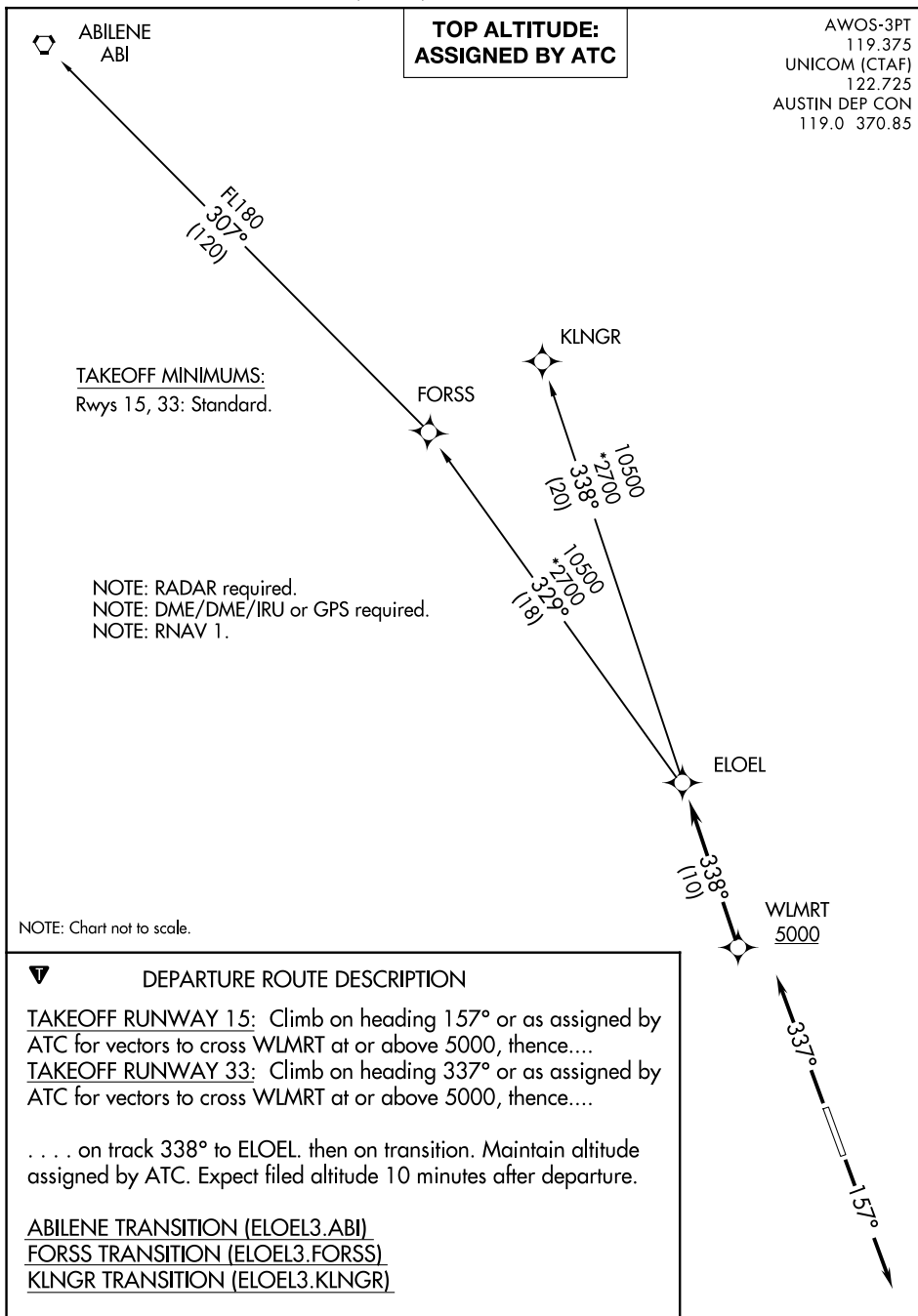
....on track 224° to BNDIA. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

BNDIA THREE DEPARTURE (RNAV)
(BNDIA3.BNDIA) 22APR21

LAGO VISTA, TEXAS
LAGO VISTA TX/RUSTY ALLEN (RYW)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



ELOEL THREE DEPARTURE (RNAV)

(ELOEL3.ELOEL) 22APR21

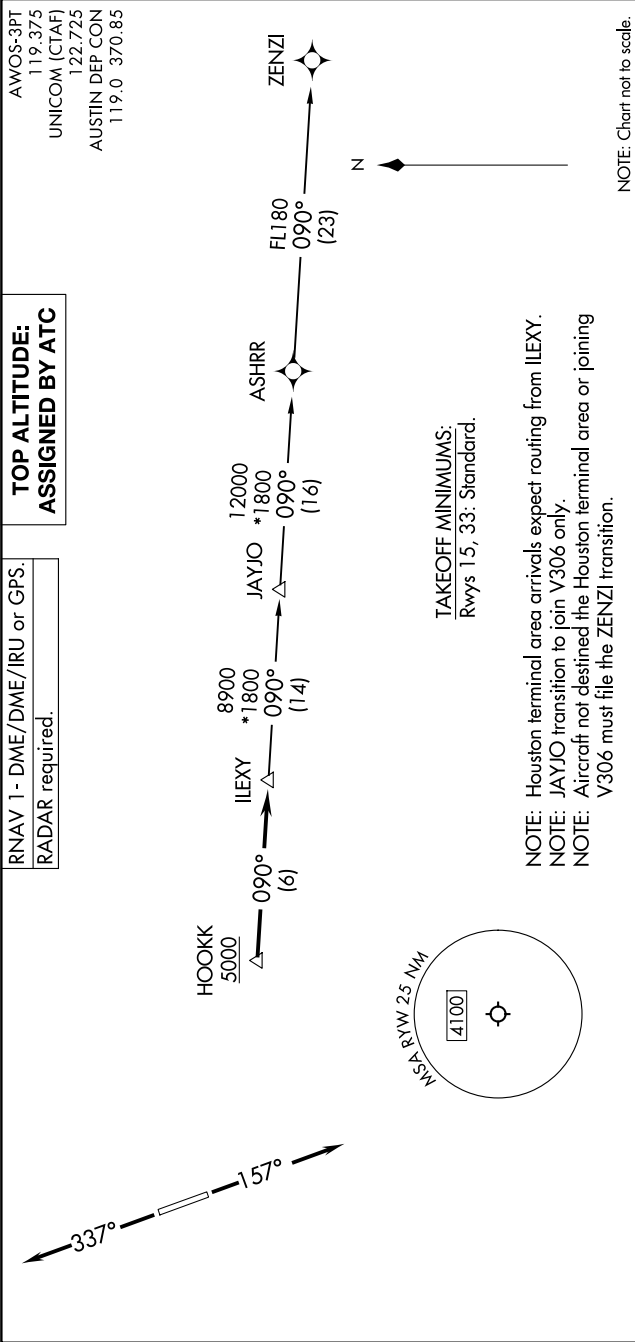
LAGO VISTA, TEXAS

LAGO VISTA TX/RUSTY ALLEN (RYW)

(ILEXY4.ILEXY) 23166

ILEXY FOUR DEPARTURE (RNAV) AL-6111 (FAA)

LAGO VISTA TX/RUSTY ALLEN (RYW)
LAGO VISTA, TEXAS



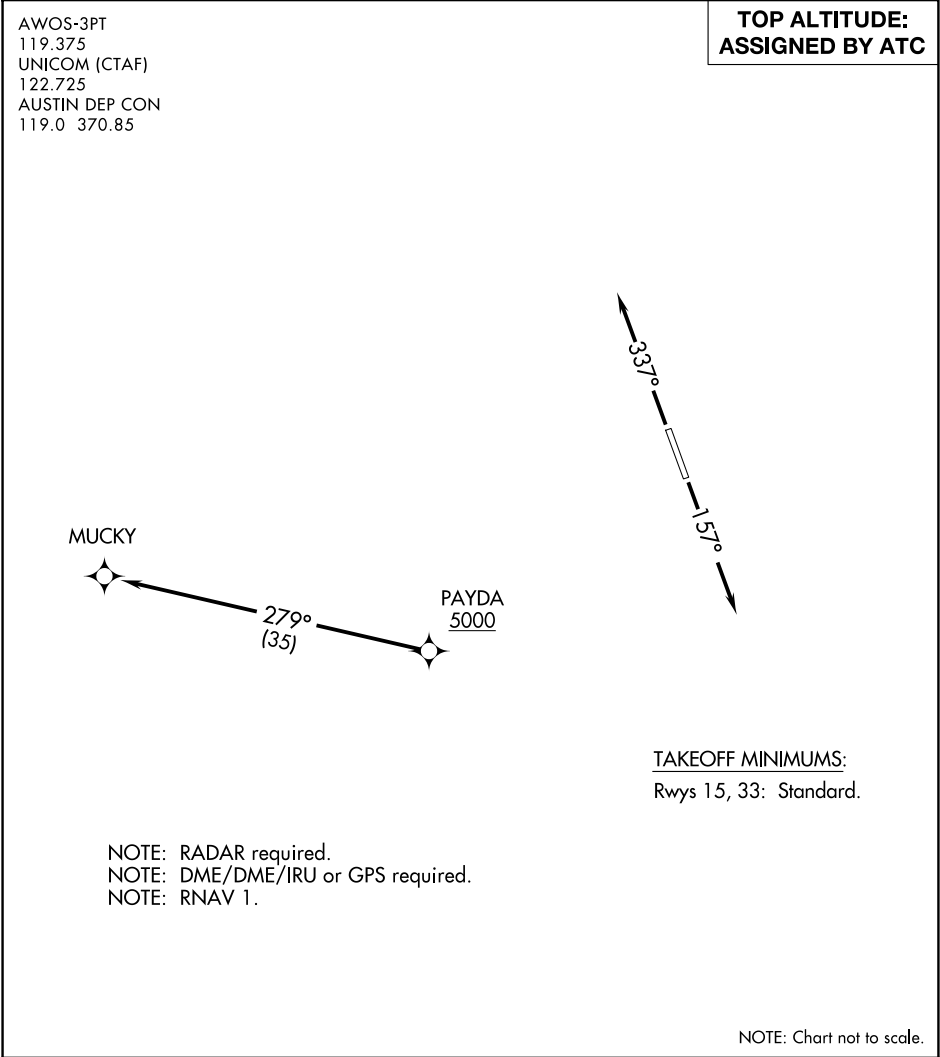
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 157° or as assigned by ATC for vectors to cross HOOKK at or above 5000, thence. . . .
TAKEOFF RUNWAY 33: Climb on heading 337° or as assigned by ATC for vectors to cross HOOKK at or above 5000, thence. . . .
... on track 090° to ILEXY, then on transition. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

JAYJO TRANSITION (ILEXY4.JAYJO)
ZENZI TRANSITION (ILEXY4.ZENZI)

ILEXY FOUR DEPARTURE (RNAV)
(ILEXY4.ILEXY) 15JUN23

LAGO VISTA, TEXAS
LAGO VISTA TX/RUSTY ALLEN (RYW)



▼

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 157° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence....

TAKEOFF RUNWAY 33: Climb on heading 337° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence....

... on track 279° to MUCKY. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

(SAYBR3.SAYBR) 22027

SAYBR THREE DEPARTURE (RNAV)

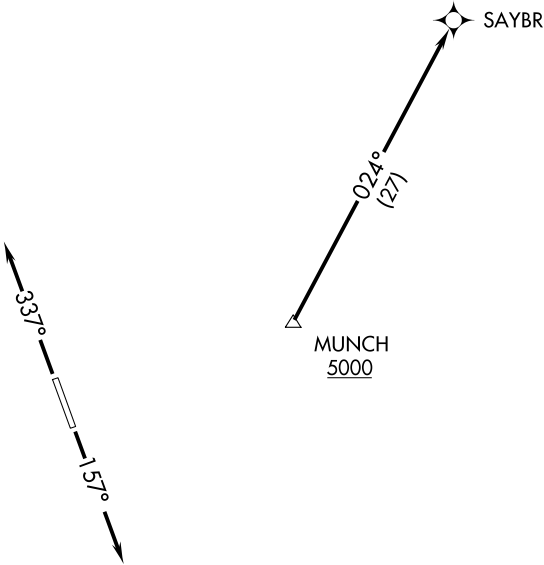
AL-6111 (FAA)

LAGO VISTA TX/RUSTY ALLEN (RYW)

LAGO VISTA, TEXAS

AWOS-3PT
119.375
UNICOM (CTAF)
122.725
AUSTIN DEP CON
119.0 370.85

TOP ALTITUDE:
ASSIGNED BY ATC



NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: For DFW terminal area arrivals
at FL230 or below only.

TAKEOFF MINIMUMS
Rwys 15, 33: Standard.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 157° or as assigned by ATC
for vectors to cross MUNCH at or above 5000, thence....

TAKEOFF RUNWAY 33: Climb on heading 337° or as assigned by ATC
for vectors to cross MUNCH at or above 5000, thence....

... on track 024° to SAYBR. Maintain altitude assigned by ATC.
Expect filed altitude 10 minutes after departure.

SAYBR THREE DEPARTURE (RNAV)

(SAYBR3.SAYBR) 22APR21

LAGO VISTA, TEXAS

LAGO VISTA TX/RUSTY ALLEN (RYW)

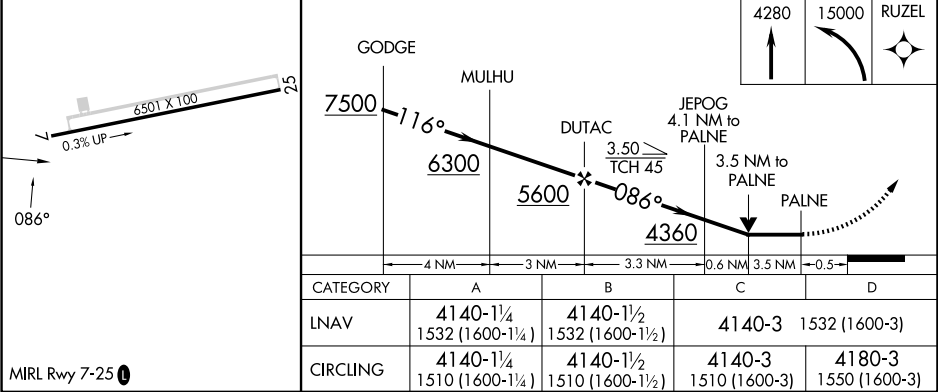
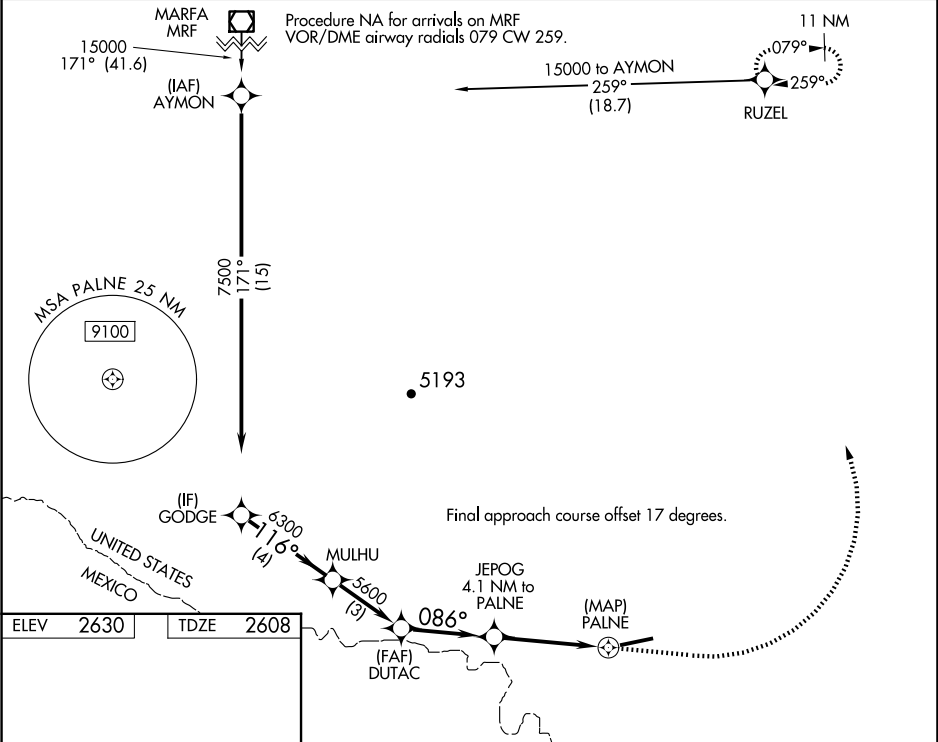
APP CRS	Rwy Idg	6501
086°	TDZE	2608
	Apt Elev	2630

RNAV (GPS) RWY 7

LAJITAS INTL (T89)

RNP APCH - GPS.	MISSED APPROACH: Climb to 4280 then climbing left turn to 15000 direct RUZEL and hold, continue climb in hold to 15000.
▼ Rwy 7 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Presidio Lely Intl altimeter setting and increase all MDA 140 feet. VDP NA when using Presidio Lely Intl altimeter setting. Circling NA south of Rwy 7-25.	

AWOS-3 119.275	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.7 (CTAF) 0
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MIRL Rwy 7-25 0

LAJITAS, TEXAS

AL-11943 (FAA-O)

24361

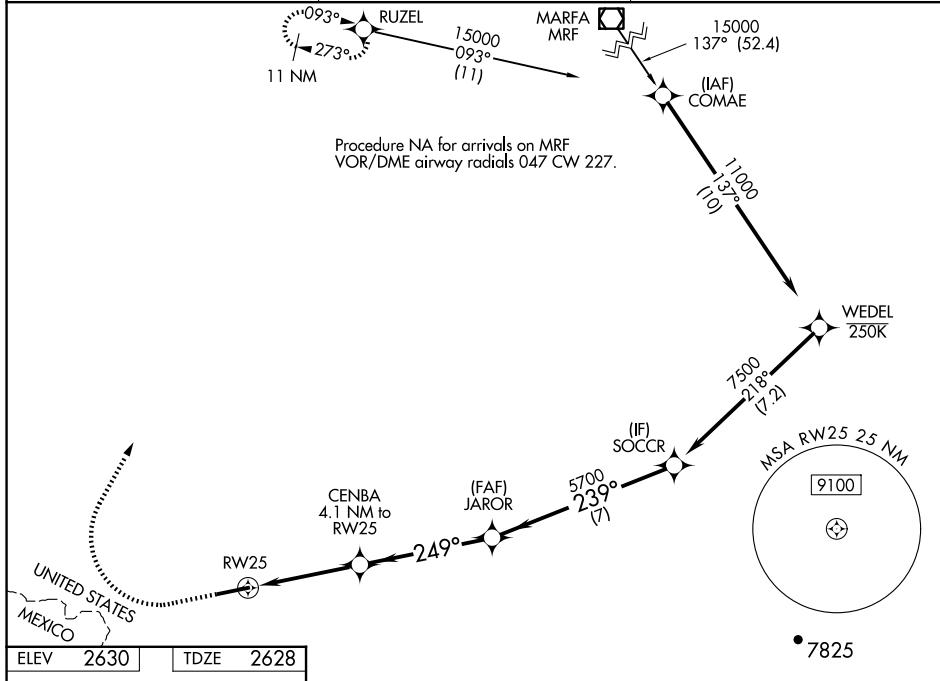
WAAS CH 72456 W25B	APP CRS 249°	Rwy Idg TDZE 2628 Apt Elev 2630
--	------------------------	---

RNAV (GPS) Y RWY 25

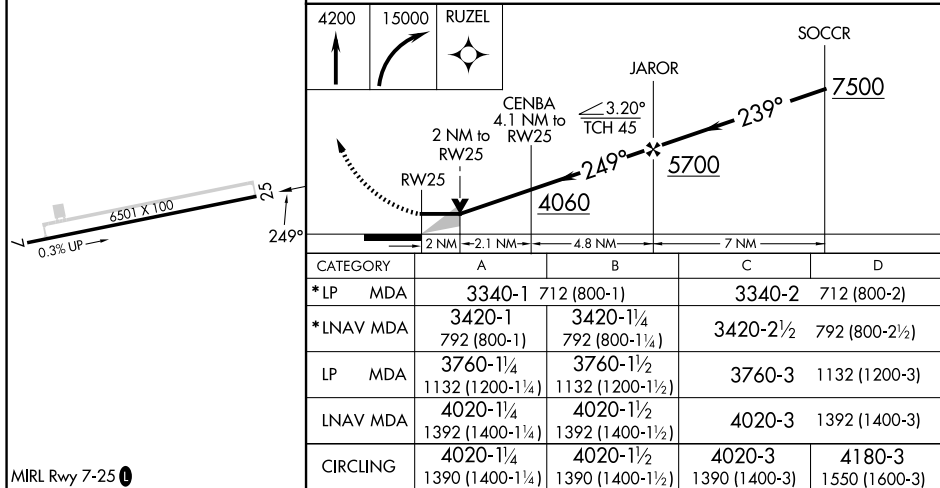
LAJITAS INTL (T89)

RNP APCH - GPS.	MISSED APPROACH: Climb to 4200 then climbing right turn to 15000 direct RUZEL and hold, continue climb-in-hold to 15000. *MISSED APPROACH requires minimum climb of 237 feet per NM to 5800.
Circling NA south of Rwy 7-25. When local altimeter setting not received, procedure NA.	

AWOS-3 119.275	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.7 (CTAF) 0
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ELEV 2630	TDZE 2628
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MIRL Rwy 7-25 0

LAJITAS, TEXAS
Orig 26DEC24

29°17'N-103°41'W

LAJITAS INTL (T89)

RNAV (GPS) Y RWY 25

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

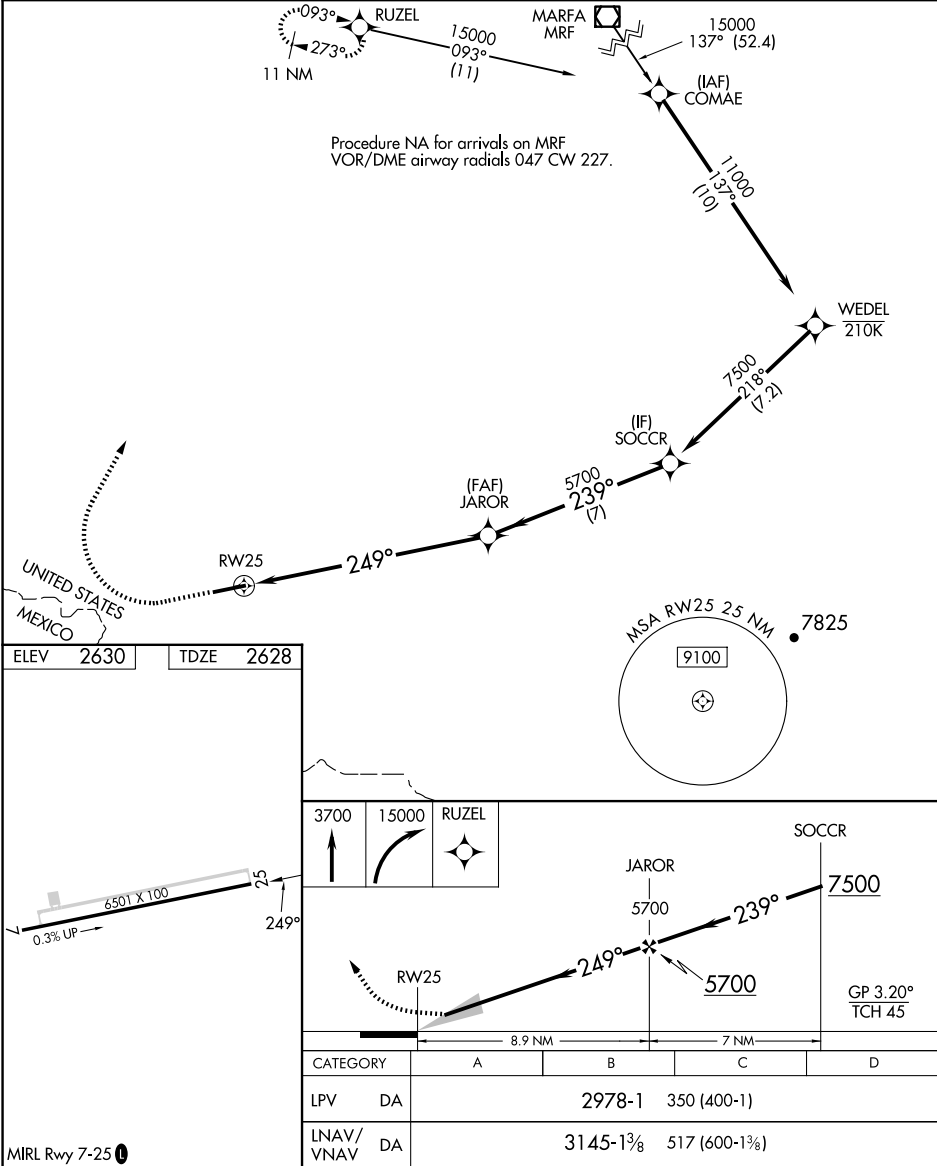
WAAS CH 71055 W25A	APP CRS 249°	Rwy Idg TDZE 2628 Apt Elev 2630
--	------------------------	---

RNAV (GPS) Z RWY 25

LAJITAS INTL (T89)

RNP APCH - GPS.	MISSED APPROACH: Climb to 3700 then climbing right turn to 15000 direct RUZEL and hold, continue climb-in-hold to 15000.
▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. When local altimeter setting not received, procedure NA.	MISSED APPROACH requires minimum climb of 383 feet per NM to 5060, if unable to meet climb gradient, see RNAV (GPS) Y RWY 25.

AWOS-3 119.275	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.7 (CTAF) 0
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(MARFA2.MRF) 24361

AL-11943 (FAA-O)

LAJITAS INTL (T89)

MARFA TWO DEPARTURE (OBSTACLE) (RNAV)

LAJITAS, TEXAS

RNAV 1 - GPS.

MARFA
MRF



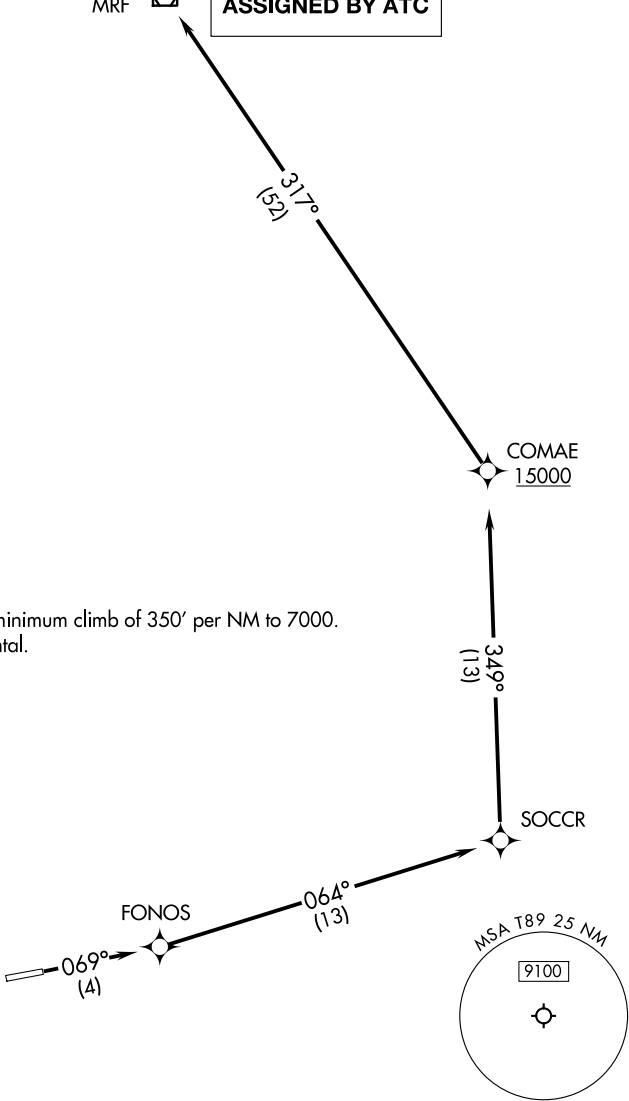
**TOP ALTITUDE:
ASSIGNED BY ATC**

ALBUQUERQUE DEP CON
135.875 292.15

TAKEOFF MINIMUMS:

Rwy 7: Standard with minimum climb of 350' per NM to 7000.

Rwy 25: NA-environmental.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb on course 069° to FONOS, then on track 064° to SOCCR, then on track 349° to cross COMAE at or above 15000, then on track 317° to MRF VOR/DME.

MARFA TWO DEPARTURE (OBSTACLE) (RNAV)

(MARFA2.MRF) 26DEC24

LAJITAS, TEXAS

LAJITAS INTL (T89)

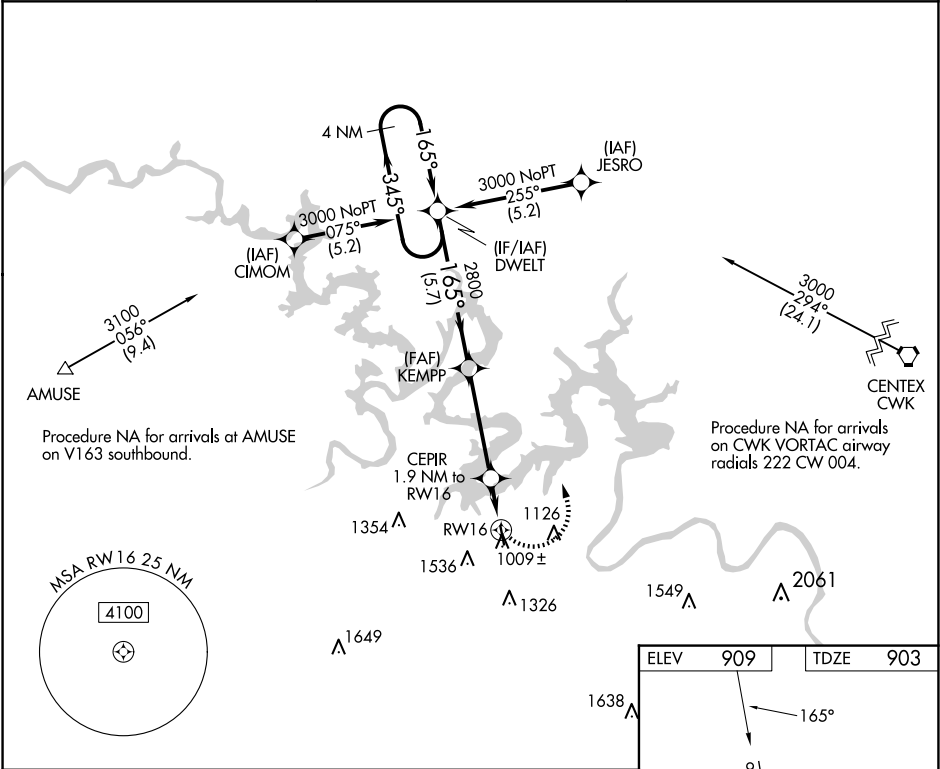
WAAS CH 42531 W16A	APP CRS 165°	Rwy Idg 3148 TDZE 903 Apt Elev 909
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RNAV (GPS) RWY 16

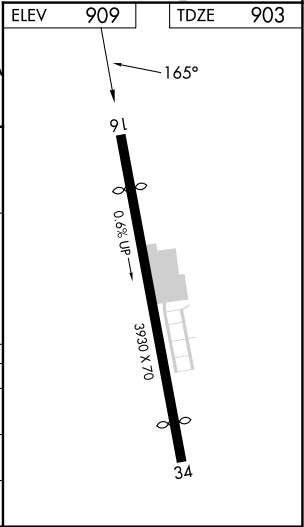
LAKEWAY AIRPARK (3R.9)

▼ NA Rwy 16, 34 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Procedure NA at night. Use Lago Vista altimeter setting; when not received, use Austin-Bergstrom Intl altimeter setting and increase all MDA 40 feet.	MISSED APPROACH: Climbing left turn to 3000 direct DWELT and hold.
---	---

RYW ASOS 119.375	AUSTIN APP CON 119.0 370.85	UNICOM 123.0 (CTAF)
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Visual Segment - Obstacles.				
4 NM Holding Pattern		DWELT	KEMPP	CEPIR 1.9 NM to RW16
3000 ← 345° → 165° →		2800	1520	RW16
5.7 NM		4 NM	1.9 NM	
CATEGORY	A	B	C	D
LP MDA	1340-1	437 (500-1)	NA	
LNAV MDA	1360-1	457 (500-1)	NA	
CIRCLING	1620-1 711 (800-1)	1960-1 ½ 1051 (1100-1 ½)	NA	



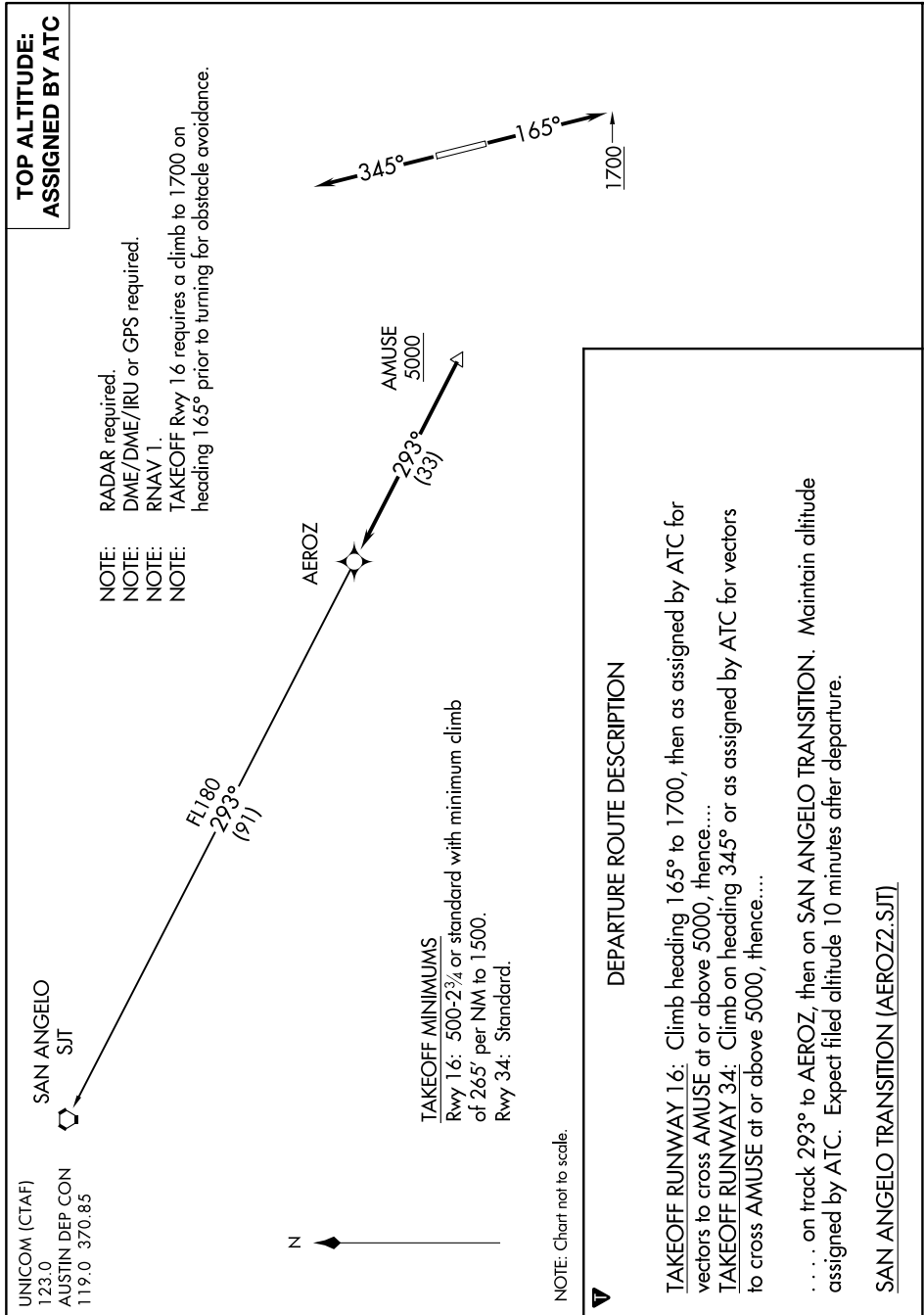
(AEROZ2.AEROZ) 21112

AEROZ TWO DEPARTURE (RNAV) AL-6677

LAKEWAY AIRPARK (3R9)

LAKEWAY, TEXAS

SC-3, 03 SEP 2026 to 29 OCT 2026



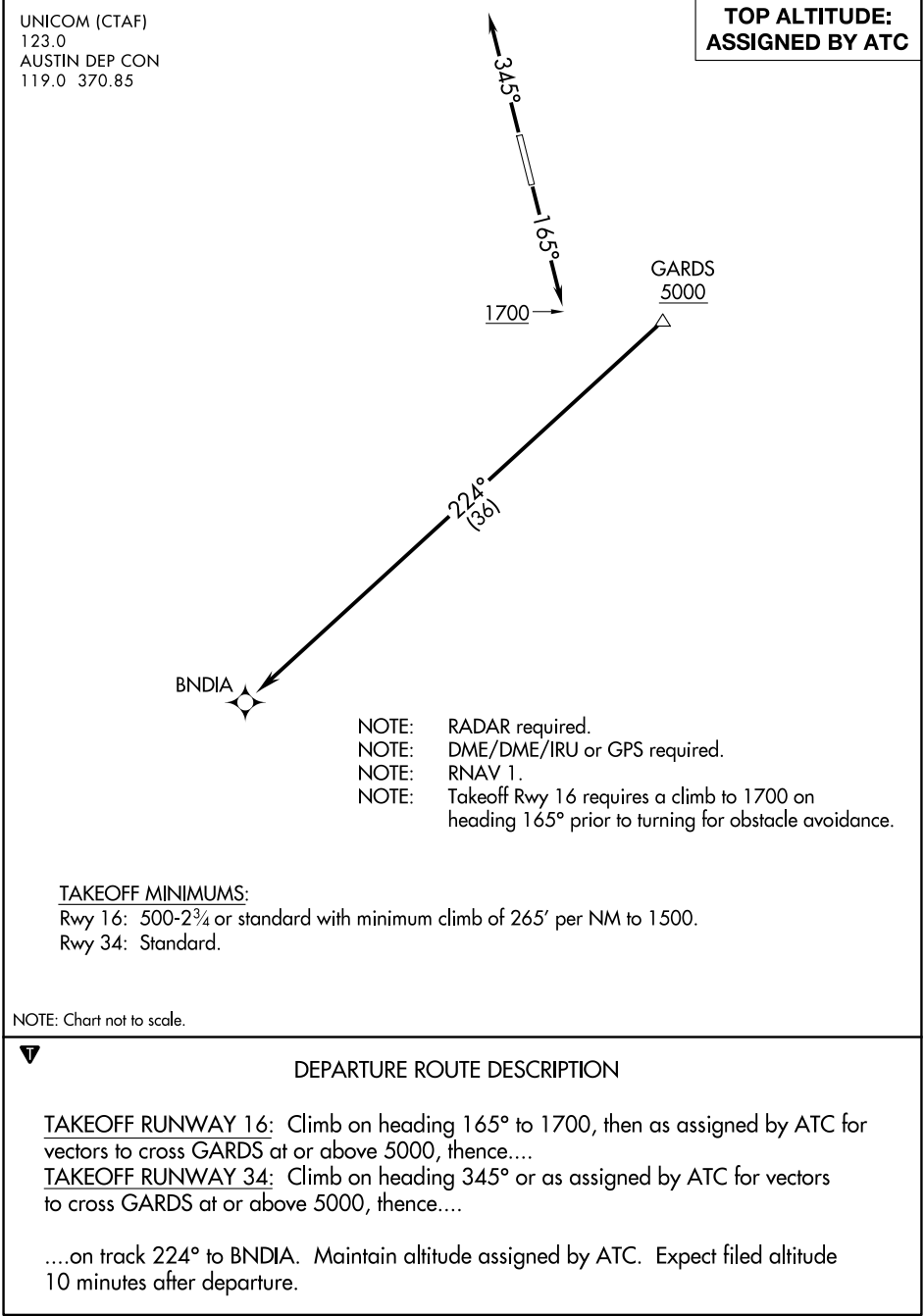
SC-3, 03 SEP 2026 to 29 OCT 2026

AEROZ TWO DEPARTURE (RNAV)

(AEROZ2.AEROZ) 22APR21

LAKEWAY, TEXAS

LAKEWAY AIRPARK (3R9)



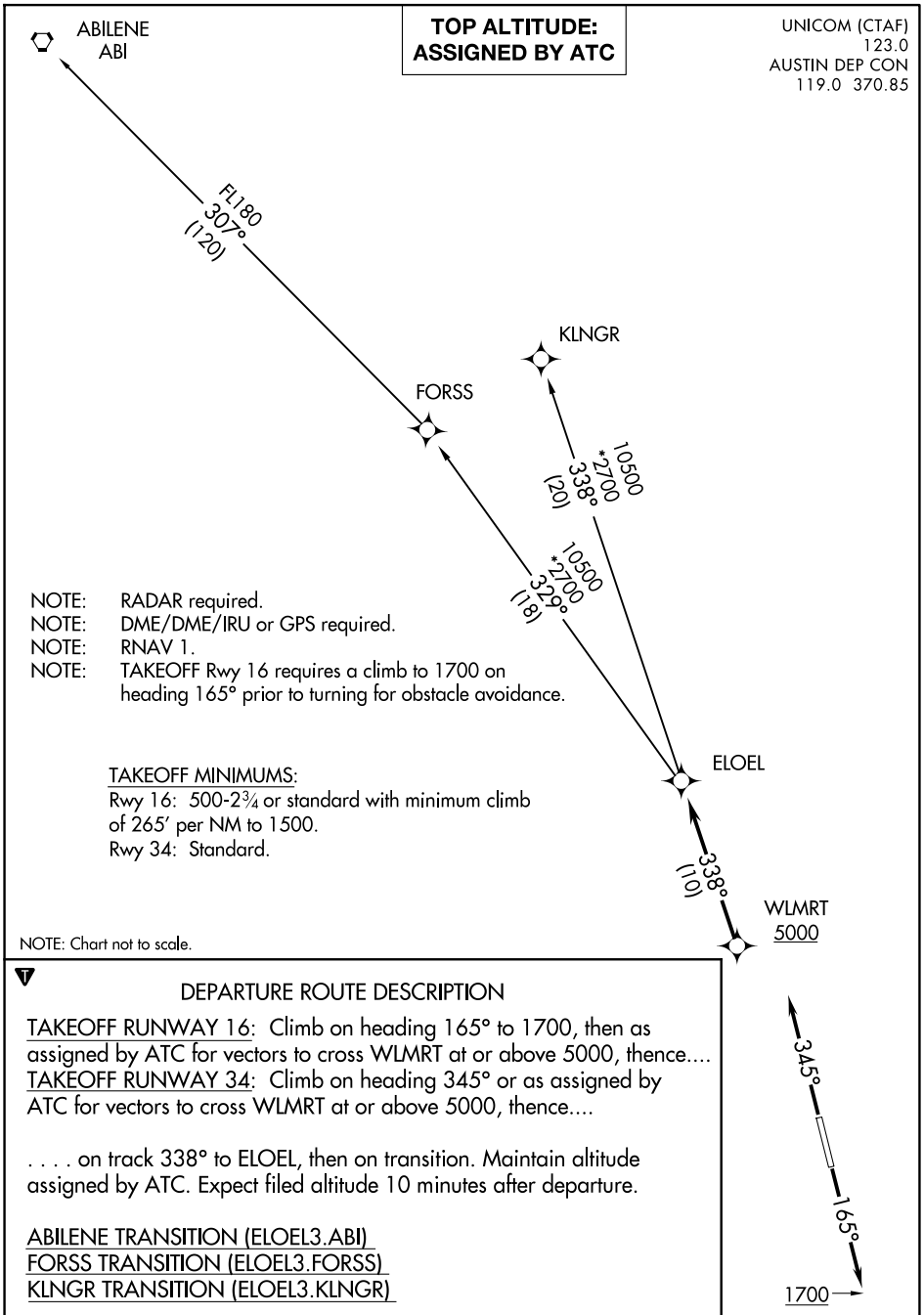
(ELOEL3.ELOEL) 21112

ELOEL THREE DEPARTURE (RNAV)

AL-6677 (FAA)

LAKEWAY AIRPARK (3R9)

LAKEWAY, TEXAS



ELOEL THREE DEPARTURE (RNAV)

(ELOEL3.ELOEL) 22APR21

LAKEWAY, TEXAS

LAKEWAY AIRPARK (3R9)

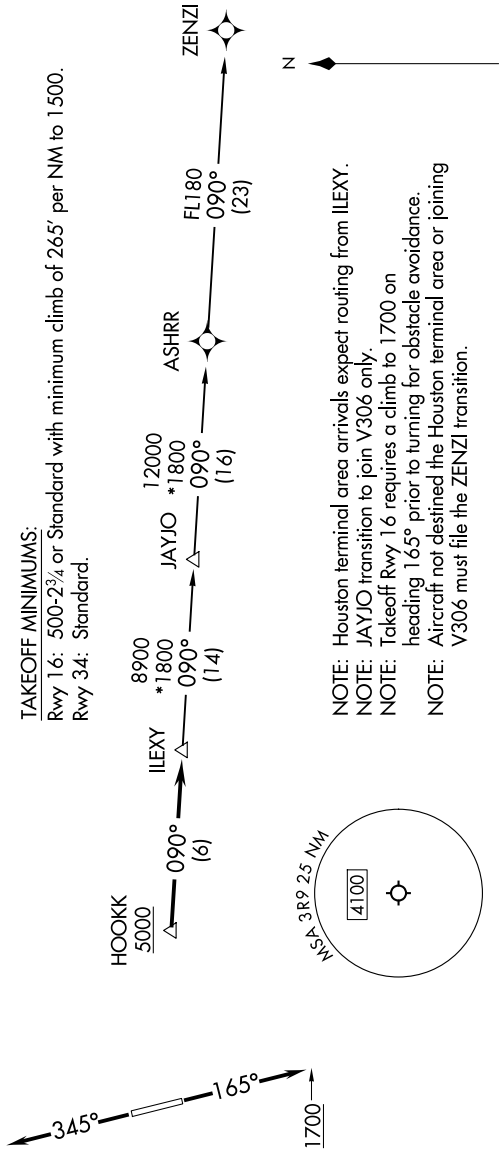
UNICOM (CTAF)
123.0
AUSTIN DEP CON
119.0 370.85

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

(ILEXY4.ILEXY) 23166
ILEXY FOUR DEPARTURE (RNAV)

AL-6677 (FAA)

LAKEWAY AIRPARK (3R9)
LAKEWAY, TEXAS



TAKEOFF MINIMUMS:

Rwy 16: 500-2³/₄ or Standard with minimum climb of 265' per NM to 1500.
Rwy 34: Standard.

NOTE: Houston terminal area arrivals expect routing from ILEXY.
NOTE: JAYJO transition to join V306 only.
NOTE: Takeoff Rwy 16 requires a climb to 1700 on heading 165° prior to turning for obstacle avoidance.
NOTE: Aircraft not destined the Houston terminal area or joining V306 must file the ZENZI transition.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 165° to 1700, then as assigned by ATC for vectors to cross HOOKK at or above 5000, thence. . . .

TAKEOFF RUNWAY 34: Climb on heading 345° or as assigned by ATC for vectors to cross HOOKK at or above 5000, thence. . . .
... on track 090° to ILEXY, then on transition. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

JAYJO TRANSITION (ILEXY4.JAYJO)
ZENZI TRANSITION (ILEXY4.ZENZI)

ILEXY FOUR DEPARTURE (RNAV)
(ILEXY4.ILEXY) 15JUN23

LAKEWAY AIRPARK (3R9)
LAKEWAY, TEXAS

(MUCKY3.MUCKY) 21112

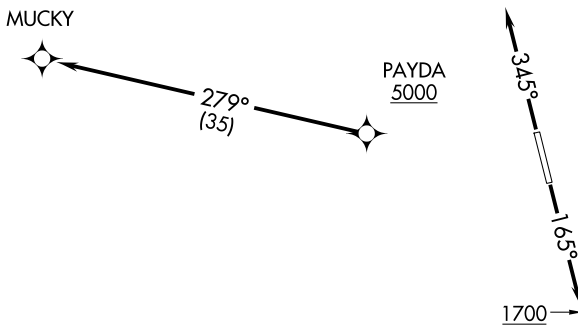
276
AL-6677 (FAA)

LAKEWAY AIRPARK (3R9)
LAKEWAY, TEXAS

MUCKY THREE DEPARTURE (RNAV)

UNICOM (CTAF)
123.0
AUSTIN DEP CON
119.0 370.85

**TOP ALTITUDE:
ASSIGNED BY ATC**



TAKEOFF MINIMUMS:

Rwy 16: 500-2¾ or standard with minimum climb
of 265' per NM to 1500.
Rwy 34: Standard.

- NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TAKEOFF Rwy 16 requires a climb to 1700 on
heading 165° prior to turning for obstacle avoidance.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 165° to 1700, then as assigned by ATC for
vectors to cross PAYDA at or above 5000, thence. . .

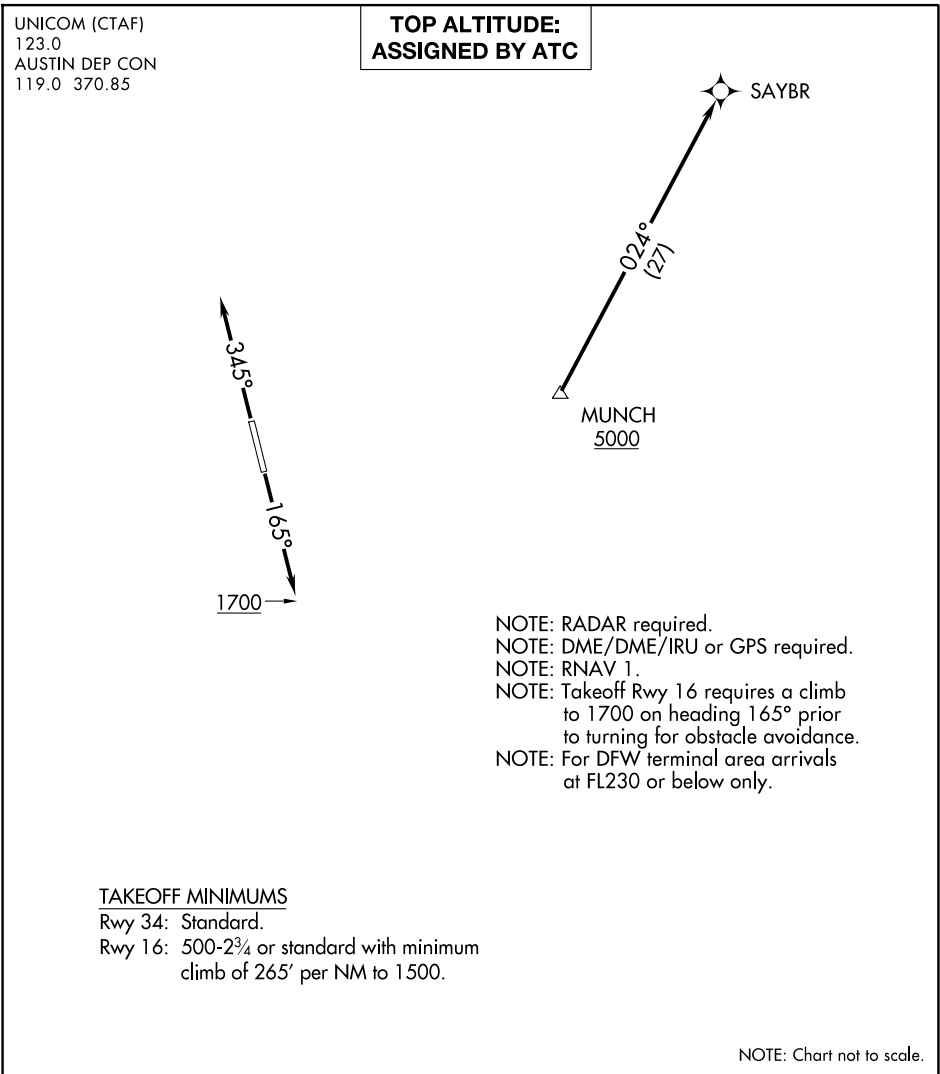
TAKEOFF RUNWAY 34: Climb on heading 344° or as assigned by ATC for vectors to
cross PAYDA at of above 5000, thence

. . . . on track 279° to MUCKY. Maintain altitude assigned by ATC. Expect filed altitude
10 minutes after departure.

MUCKY THREE DEPARTURE (RNAV)
(MUCKY3.MUCKY) 22APR21

LAKEWAY, TEXAS
LAKEWAY AIRPARK (3R9)

SC-3, 03 SEP 2026 to 29 OCT 2026



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 165° to 1700, then as assigned by ATC for vectors to cross MUNCH at or above 5000, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 345° or as assigned by ATC for vectors to cross MUNCH at of above 5000, thence. . . .

... on track 024° to SAYBR. Maintain altitude assigned by ATC.
Expect filed altitude 10 minutes after departure.

LAMPASAS, TEXAS

AL-6267 (FAA)

26022

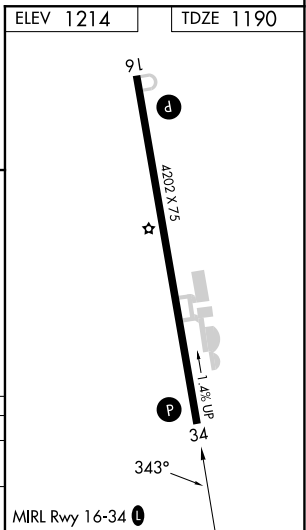
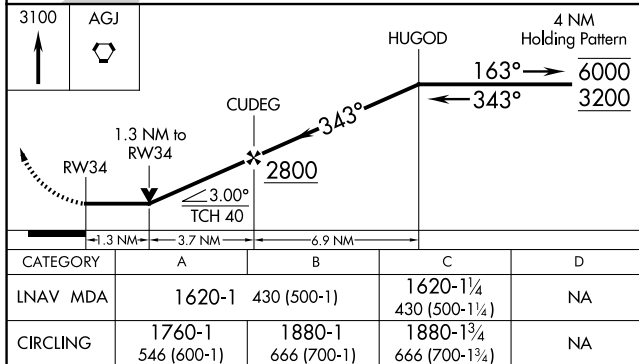
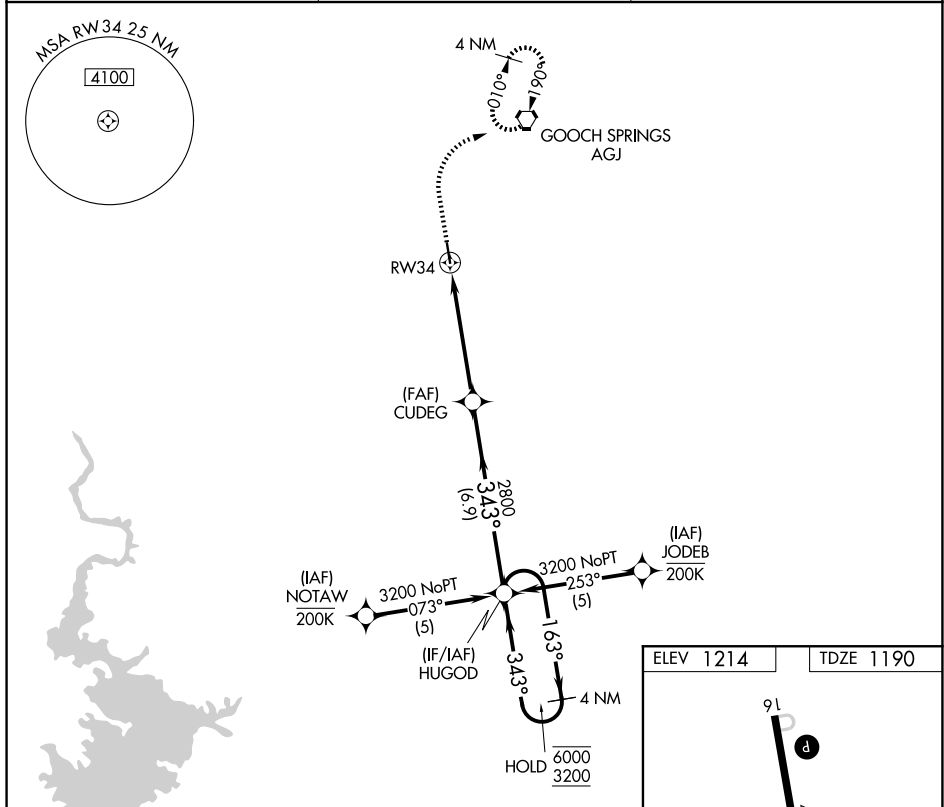
APP CRS	Rwy Ldg	4202
343°	TDZE	1190
	Apt Elev	1214

RNAV (GPS) RWY 34

LAMPASAS (LZZ)

RNP APCH - GPS.	MISSED APPROACH: Climb to 3100 direct AGJ VORTAC and hold, continue climb-in-hold to 3100.
Rwy 34 helicopter visibility reduction below 3/4 SM NA. Circling Rwy 16 NA at night.	

AWOS-3 119.075	GRAY APP CON 120.075 323.15	UNICOM 122.8 (CTAF)
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LAMPASAS, TEXAS

Amdt 1 05SEP24

31°06'N-98°12'W

RNAV (GPS) RWY 34

LAMPASAS (LZZ)

SC-3, 03 SEP 2026 to 29 OCT 2026

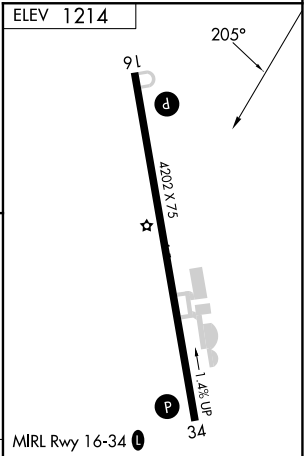
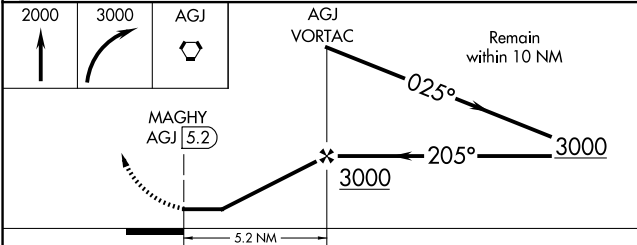
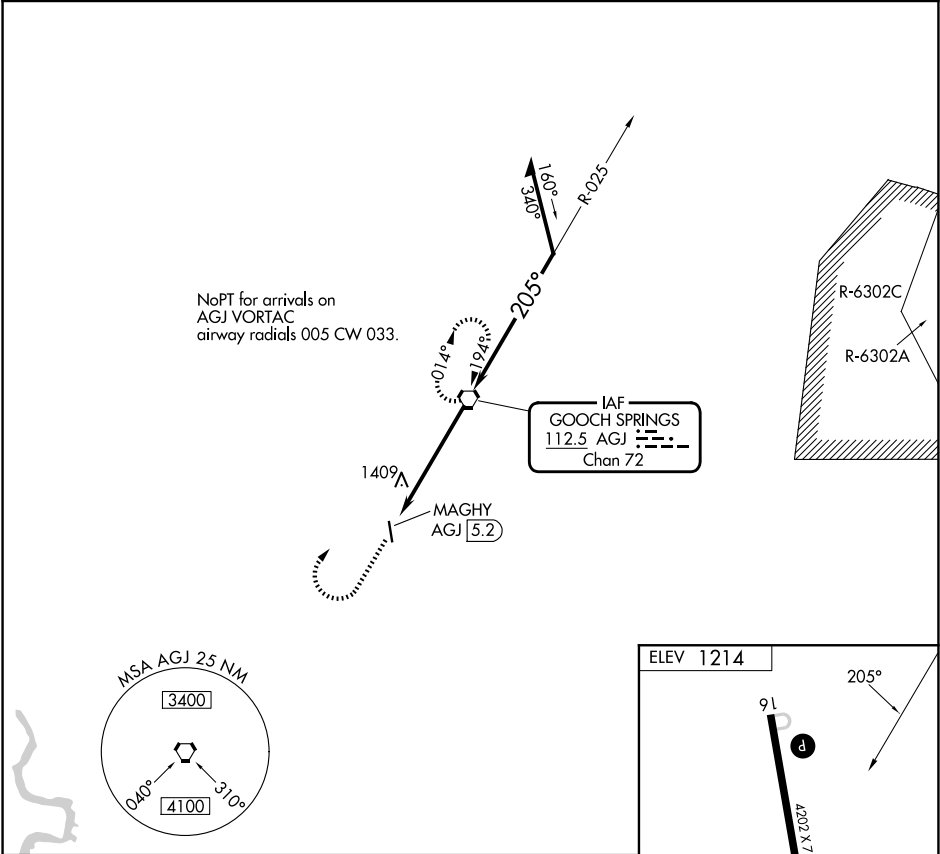
SC-3, 03 SEP 2026 to 29 OCT 2026

VORTAC AGJ	APP CRS	Rwy Ldg	N/A
112.5	205°	TDZE	N/A
Chan 72		Apt Elev	1214

VOR-A
LAMPASAS (LZZ)

⚠ When local altimeter setting not received, use Robert Gray AAF altimeter setting and increase all MDAs 80 feet and visibility Cat C ½ SM. Circling Rwy 16 NA at night. Rwy 16 helicopter visibility reduction below 1 SM NA.	MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct AGJ VORTAC and hold.
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AWOS-3 119.075	GRAY APP CON 120.075 323.15	UNICOM 122.8 (CTAF) 0
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CATEGORY	A	B	C	D	FAF to MAP 5.2 NM					
CIRCLING	1680-1	1880-1	1880-1¾	NA	Knots	60	90	120	150	180
	466 (500-1)	666 (700-1)	666 (700-1¾)		Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ILS or LOC RWY 18R
LAREDO INTL (LRD)

MISSED APPROACH: Climb to 1100 then climbing left turn to 2500 direct LRD VORTAC and on LRD VORTAC R-132 to ELKOS/LRD 15 DME and hold.

MIRL Rwy 14-32
HIRL Rwy 18R-36L and 18L-36R

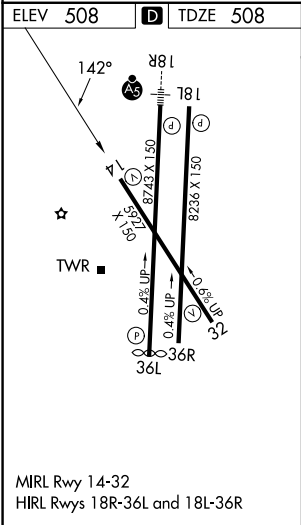
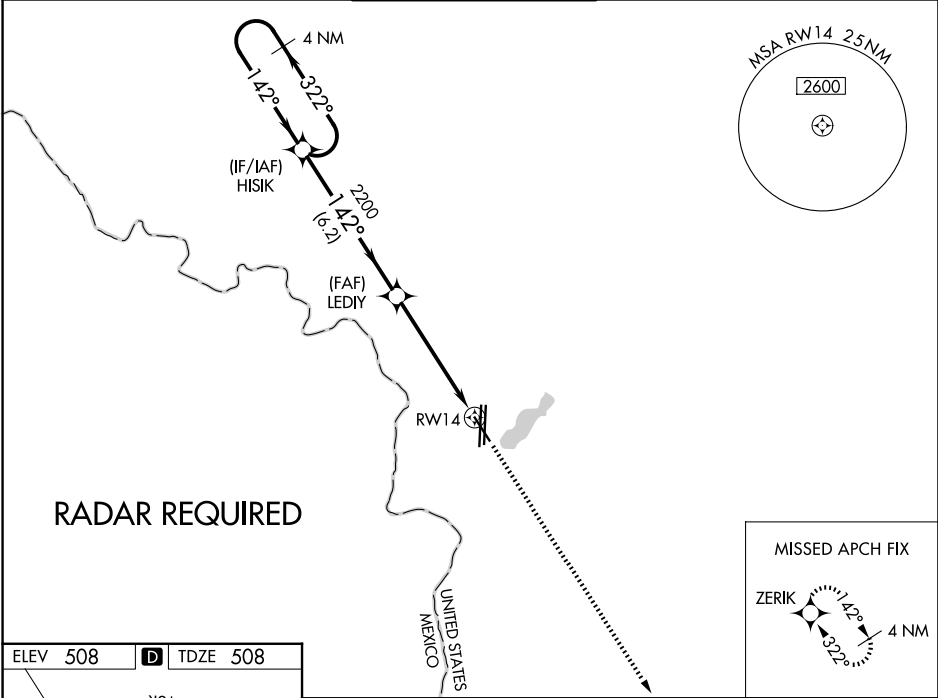
CATEGORY	A	B	C	D	E
S-ILS 18R		704- $\frac{1}{2}$	200 (200- $\frac{1}{2}$)		
S-LOC 18R	920- $\frac{1}{2}$	416 (500- $\frac{1}{2}$)	920- $\frac{3}{4}$	416 (500- $\frac{3}{4}$)	
SIDESTEP 18L	920-1	421 (500-1)	920-1 $\frac{1}{2}$ 421 (500-1 $\frac{1}{2}$)	920-2	421 (500-2)
CIRCLING	940-1 432 (500-1)	980-1 472 (500-1)	1100-1 $\frac{1}{2}$ 592 (600-1 $\frac{1}{2}$)	1200-2 $\frac{1}{4}$ 692 (700-2 $\frac{1}{4}$)	1200-2 $\frac{1}{2}$ 692 (700-2 $\frac{1}{2}$)

LAREDO INTL (LRD)
ILS or LOC RWY 18R

WAAS CH 65841 W14A	APP CRS 142°	Rwy Ldg TDZE 508 Apt Elev 508
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RNAV (GPS) RWY 14
LAREDO INTL (L.R.D)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 1°C (34°F) or above 54°C (130°F). Circling NA west of Rwy 14 and 36L. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 2500 direct ZERIK and hold.			
ATIS 125.775	HOUSTON CENTER 127.8 307.2	LAREDO TOWER★ 120.1(CTAF)0 257.9	GND CON 121.8	UNICOM 122.95



4 NM Holding Pattern		HISIK		LEDIY		2500		ZERIK	
3000		322°		142°		2200		*1.3 NM to RWY 14	
GP 3.00°		TCH 55		2200		6.2 NM		3.9 NM	
CATEGORY		A		B		C		D	
LPV DA		758-3/4		250 (300-3/4)					
LNAV/VNAV DA		810-7/8		302 (400-7/8)					
LNAV MDA		960-1		452 (500-1)		960-1 3/8		452 (500-1 3/8)	
CIRCLING		960-1		980-1		1100-1 1/2		1200-2 1/4	
		452 (500-1)		472 (500-1)		592 (600-1 1/2)		692 (700-2 1/4)	

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LAREDO, TEXAS

AL-226 (FAA)

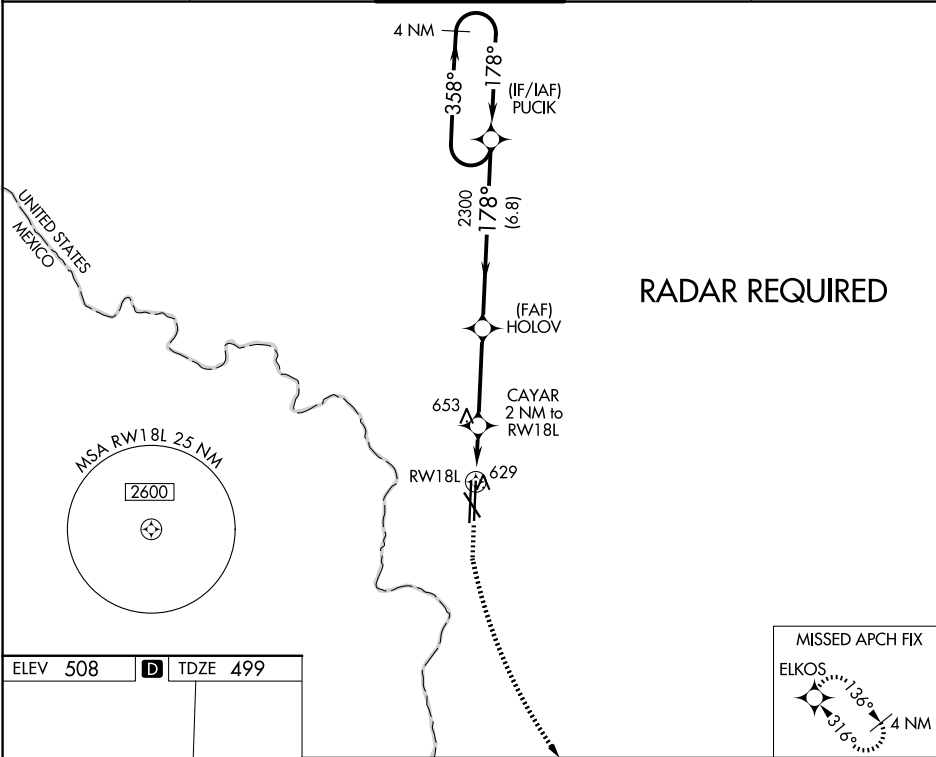
25219

WAAS Ch 77899 W18B	APP CRS 178°	Rwy Ldg TDZE 499 Apt Elev 508	8236
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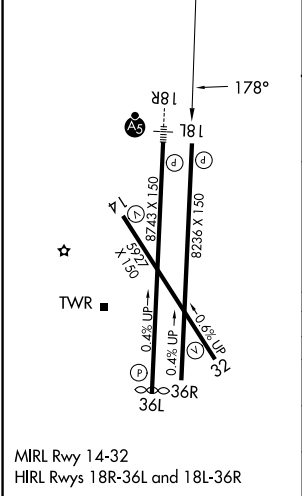
RNAV (GPS) RWY 18L
LAREDO INTL (L.R.D)

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 1°C (34°F) or above 54°C (130°F). Circling NA west of Rwy 14 and 36L. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 2500 then climbing left turn to 2500 direct ELKOS and hold.
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ATIS 125.775	HOUSTON CENTER 127.8 307.2	LAREDO TOWER ★ 120.1(CTAF) 257.9	GND CON 121.8	UNICOM 122.95
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ELEV 508	D	TDZE 499
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1000	2500	ELKOS	HOLOV	PUCK	4 NM Holding Pattern
*LNAV only	CAYAR 2 NM to RW18L	*1 NM to RW18L	2300	178°	358°
RW18L	1180*	2300	3000	GP 3.00°	TCH 51
1 NM	1 NM	3.5 NM	6.8 NM		
CATEGORY	A	B	C	D	E
LPV DA	699-3/4 200 (200-3/4)				
LNAV/VNAV DA	810-7/8 311 (400-7/8)				
LNAV MDA	880-1	381 (400-1)	880-1 1/8	381 (400-1 1/8)	
CIRCLING	940-1 432 (500-1)	980-1 472 (500-1)	1100-1 1/2 592 (600-1 1/2)	1200-2 1/4 692 (700-2 1/4)	1200-2 1/2 692 (700-2 1/2)

LAREDO, TEXAS
Amdt 1 01FEB18

27°33'N-99°28'W

LAREDO INTL (L.R.D)
RNAV (GPS) RWY 18L

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS Ch 82599 W18A	APP CRS 178°	Rwy Ldg 8743 TDZE 504 Apt Elev 508
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RNAV (GPS) RWY 18R
LAREDO INTL (LRD)

T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 1°C (34°F) or above 54°C (130°F). Circling NA West of Rwy 14 and 36L. DME/DME RNP-0.3 NA.

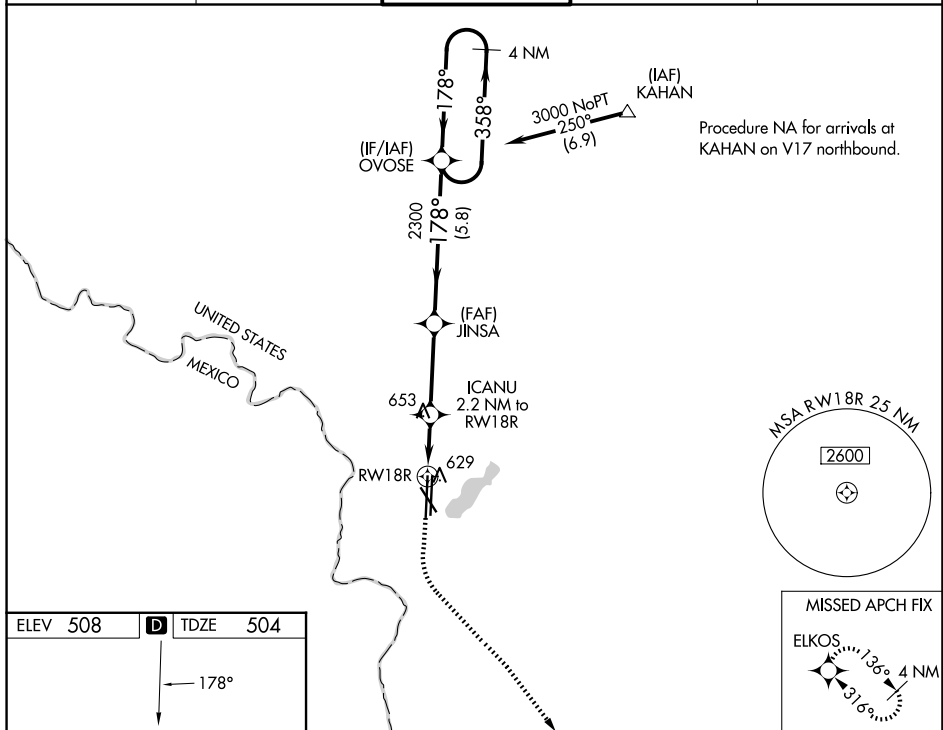
A For inop ALS, increase LPV Cat E visibility to ¾ SM, LNAV/VNAV all Cats visibility to ½ SM, and LNAV Cats C/D/E to 1 SM.

MALSR

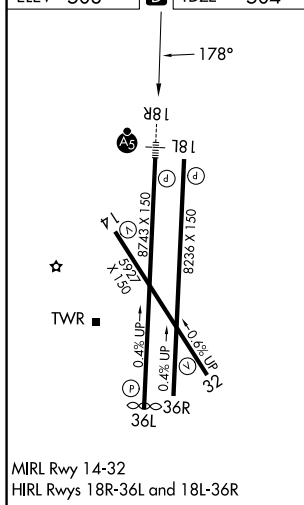


MISSED APPROACH:
Climb to 1000 then climbing
left turn to 2500 direct ELKOS
and hold.

ATIS 125.775	HOUSTON CENTER 127.8 307.2	LAREDO TOWER* 120.1(CTAF) 0 257.9	GND CON 121.8	UNICOM 122.95
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ELEV 508	D	TDZE 504
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1000 ↑	2500 ↘	ELKOS 	VGS1 and RNAV glidepath not coincident [VGS1 Angle 3.00/TCH 50].		4 NM Holding Pattern
* LNAV only			ICANU 2.2 NM to RW18R	JINSA 2300	OVOSE
* 1260			2300		3000
GP 3.00° TCH 57					
CATEGORY			E		
LPV DA			704-½ 200 (200-½)		
LNAV/ VNAV			810-½ 306 (400-½)		
LNAV MDA			880-½ 376 (400-½) 880-5/8 376 (400-5/8)		
CIRCLING			940-1 1100-1½ 1200-2¼ 1200-2½ 432 (500-1) 472 (500-1) 592 (600-1½) 692 (700-2¼) 692 (700-2½)		

LAREDO, TEXAS

AL-226 (FAA)

25219

WAAS CH 86633 W32A	APP CRS 322°	Rwy Ldg 5927 TDZE 494 Apt Elev 508
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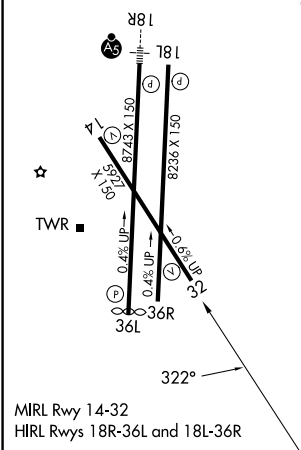
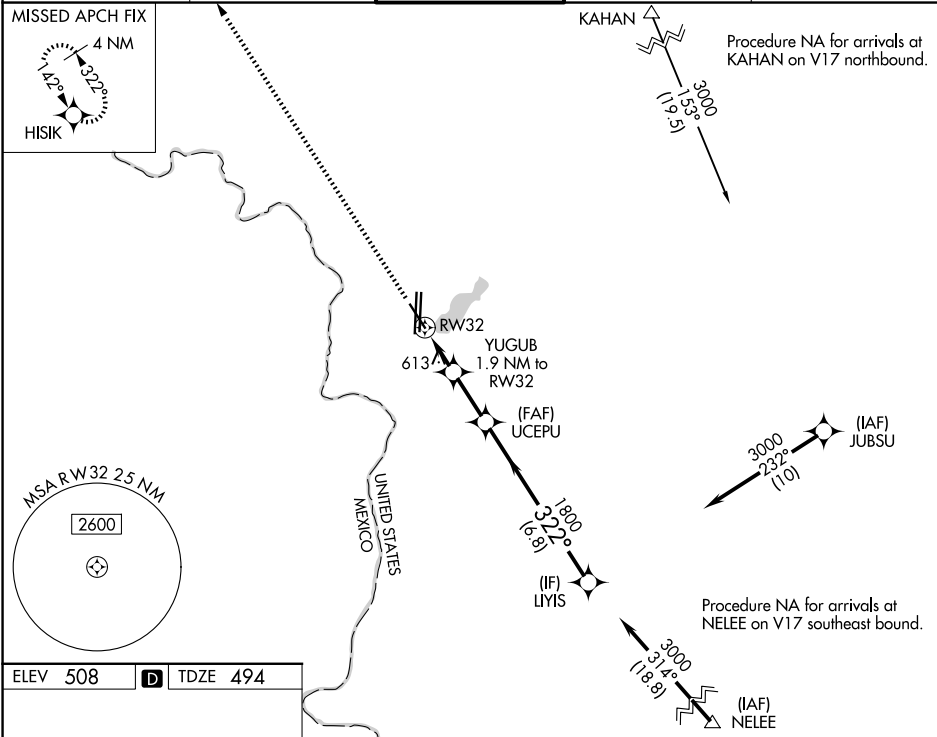
RNAV (GPS) RWY 32

LAREDO INTL (L.R.D)

⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 1°C (34°F) or above 54°C (130°F). Circling NA west of Rwy 14 and 36L. Rwy 32 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct HISIK and hold.

ATIS 125.775	HOUSTON CENTER 127.8 307.2	LAREDO TOWER ★ 120.1 (CTAF) 0 257.9	GND CON 121.8	UNICOM 122.95
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3000 ↑	HISIK ✦	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).				LYIS
*LNAV only			YUGUB 1.9 NM to RW32	UCEPU 1800	3000	
RW32		*1.1 NM to RW32	*1120	1800	GP 3.00° TCH 50	
-1.1 NM		0.8 NM	2.1 NM	6.8 NM		
CATEGORY	A	B	C	D	E	
LPV DA	744-3/4		250 (300-3/4)			
LNAV/ VNAV DA	826-1		332 (400-1)			
LNAV MDA	880-1	386 (400-1)	880-1 1/8		386 (400-1 1/8)	
CIRCLING	940-1 432 (500-1)	980-1 472 (500-1)	1100-1 1/2 592 (600-1 1/2)	1200-2 1/4 692 (700-2 1/4)	1200-2 1/2 692 (700-2 1/2)	

LAREDO, TEXAS
Amdt 2 01FEB18

27°33'N-99°28'W

RNAV (GPS) RWY 32

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 77933 W36A	APP CRS 358°	Rwy Ldg TDZE 497 Apt Elev 508
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RNAV (GPS) RWY 36L

LAREDO INTL (L.R.D)

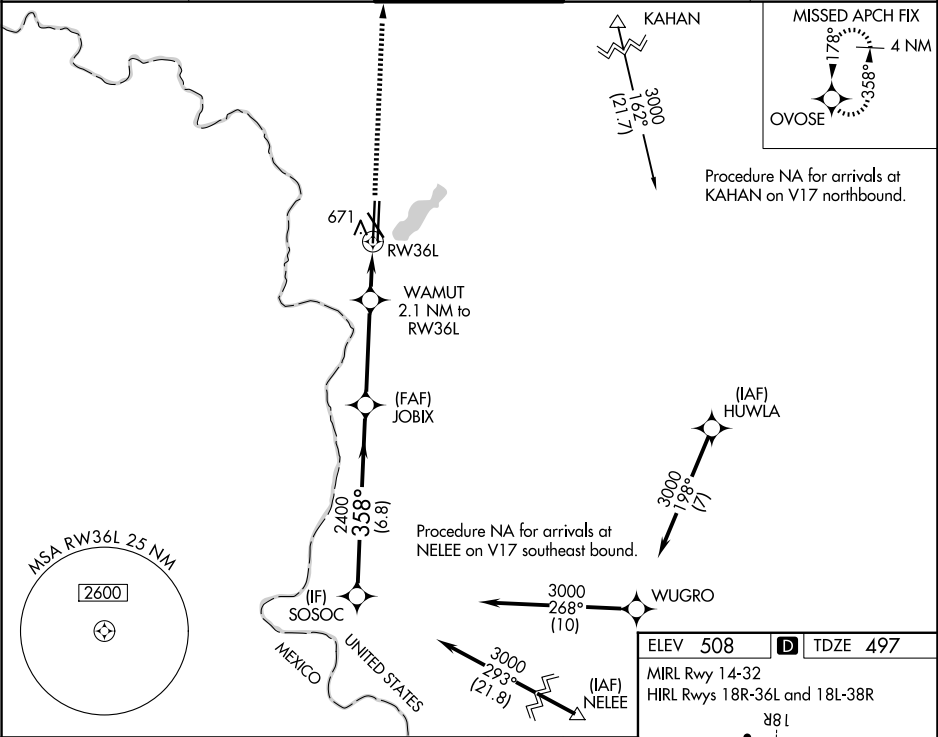
▼

▲

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 1°C (34°F) or above 54°C (130°F). Circling NA west of Rwy 14 and 36L. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct OVOSE and hold.

ATIS 125.775	HOUSTON CENTER 127.8 307.2	LAREDO TOWER ★ 120.1(CTAF) 257.9	GND CON 121.8	UNICOM 122.95
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SOSOC

3000

358°

2400

GP 3.00° TCH 50

JOBIX

2400

358°

2400

6.8 NM

WAMUT

2.1 NM to RWY 36L

358°

2400

3.8 NM

RWY 36L

1.3 NM

358°

2400

0.8 NM

3000

OVOSE

358°

2400

1.3 NM

WUGRO

3000

268° (10)

358°

2400

1.3 NM

WUGRO

3000

268° (10)

358°

2400

1.3 NM

WUGRO

3000

268° (10)

358°

2400

1.3 NM

CATEGORY	A	B	C	D	E
LPV DA	697-¾		200 (200-¾)		
LNAV/VNAV DA	844-1		347 (400-1)		
LNAV MDA	940-1	443 (500-1)	940-1¾	443 (500-1¾)	
CIRCLING	940-1 432 (500-1)	980-1 472 (500-1)	1100-1½ 592 (600-1½)	1200-2¼ 692 (700-2¼)	1200-2½ 692 (700-2½)

TWR

3000

OVOSE

358°

2400

1.3 NM

LOC BC RWY 36L
LAREDO INTL (LRD)

0 NM

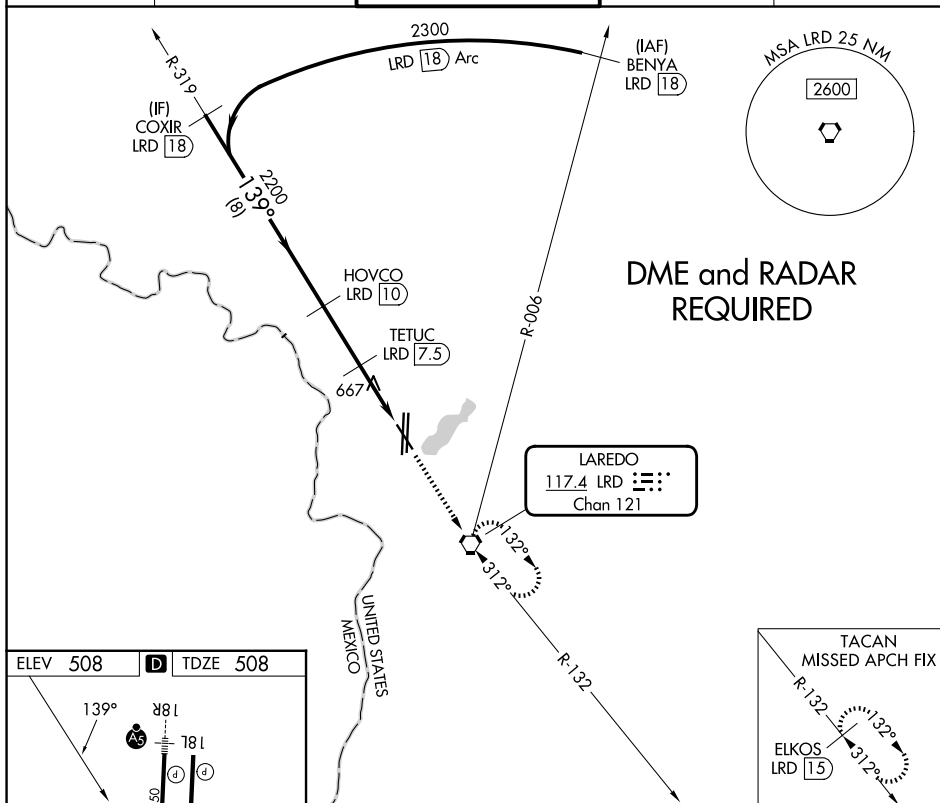
LAREDO INTL (LRD)
LOC BC RWY 36L

SC-3, 03 SEP 2026 to 29 OCT 2026

VOR or TACAN RWY 14
LAREDO INTL (LRD)

MISSED APPROACH: Climb to 2500 direct LRD VORTAC and hold, continue climb-in-hold to 2500 (TACAN aircraft continue on LRD VORTAC R-132 to ELKOS/15 DME and hold SE, right turn, 312° inbound).

ATIS 125.775	HOUSTON CENTER 127.8 307.2	LAREDO TOWER ★ 120.1 (CTAF) 0 257.9	GND CON 121.8	UNICOM 122.95
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CATEGORY	A	B	C	D	E
S-14	920-1	412 (500-1)	920-1¼	412 (500-1¼)	920-1½ 412 (500-1½)
CIRCLING	940-1 432 (500-1)	980-1 472 (500-1)	1100-1½ 592 (600-1½)	1200-2¼ 692 (700-2¼)	1200-2½ 692 (700-2½)

LAREDO INTL (LRD)
VOR or TACAN RWY 14

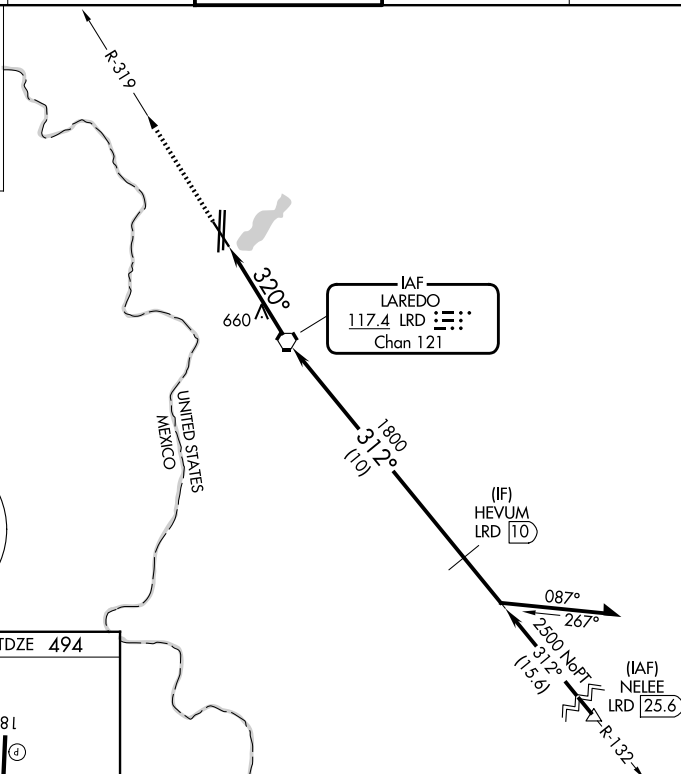
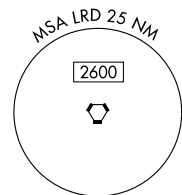
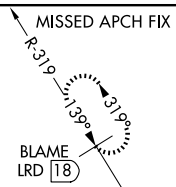
VORTAC LRD <u>117.4</u> Chan 121	APP CRS 320°	Rwy Ldg 5927 TDZE 494 Apt Elev 508
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VOR or TACAN RWY 32
LAREDO INTL (LRD)

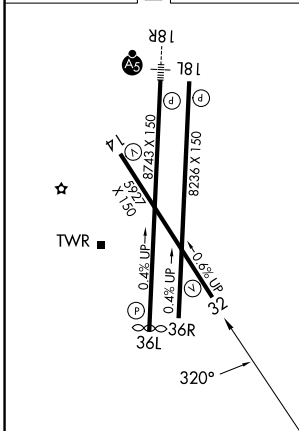
T Circling NA west of Rwy 14 and 36L. Rwy 32 helicopter
A visibility reduction below $\frac{3}{4}$ SM NA. DME required.

MISSED APPROACH: Climb to 2600 on LRD VORTAC R-319 to BLAME/LRD 18 DME and hold.

ATIS 125.775	HOUSTON CENTER 127.8 307.2	LAREDO TOWER ★ 120.1 (CTAF) 0 257.9	GND CON 121.8	UNICOM 122.95
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ELEV 508	D	TDZE 494
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MIRL Rwy 14-32
HIRL Rwy 18R-36L and 18L-36R

2600
↑
R-319

BLAME LRD 18

LRD 4

1.2

2.8 NM

LRD 2.8

320°

3.01°
TCH 55

LRD 1800

312°

2500

132°

VORTAC

VGSIs and descent angles not coincident (VGSIs Angle 3.00/TCH 71)

Remain within 1.5 NM

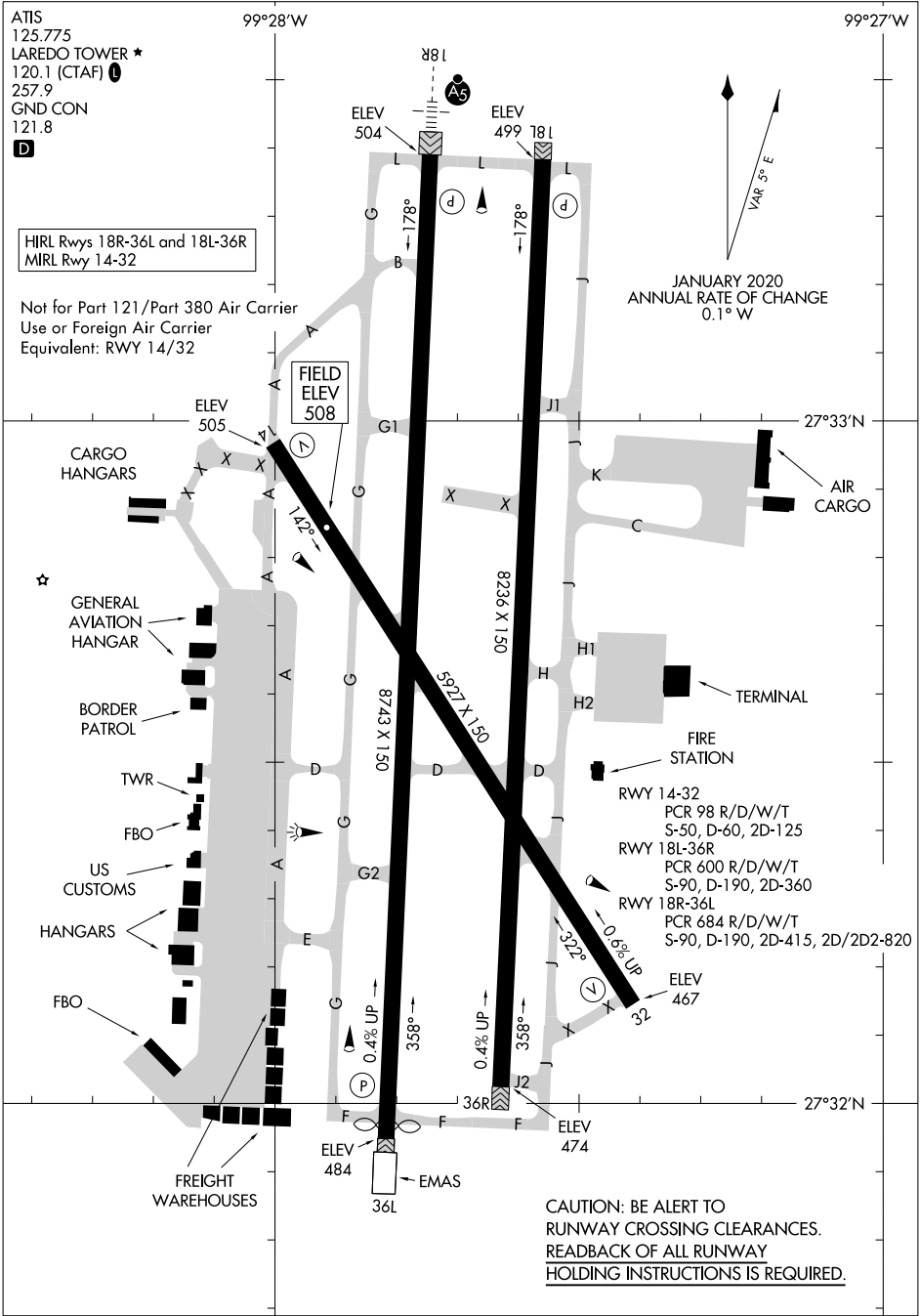
CATEGORY	A	B	C	D	E
S-32	920-1 426 (500-1)		920-1¼ 426 (500-1¼)		
CIRCLING	940-1 432 (500-1)	980-1 472 (500-1)	1100-1½ 592 (600-1½)	1200-2¼ 692 (700-2¼)	1200-2½ 692 (700-2½)

LAREDO, TEXAS
Amdt 11A 01MAR18

27°33'N-99°28'W

LAREDO INTL (LRD)
VOR or TACAN RWY 32

SC-3, 03 SEP 2026 to 29 OCT 2026

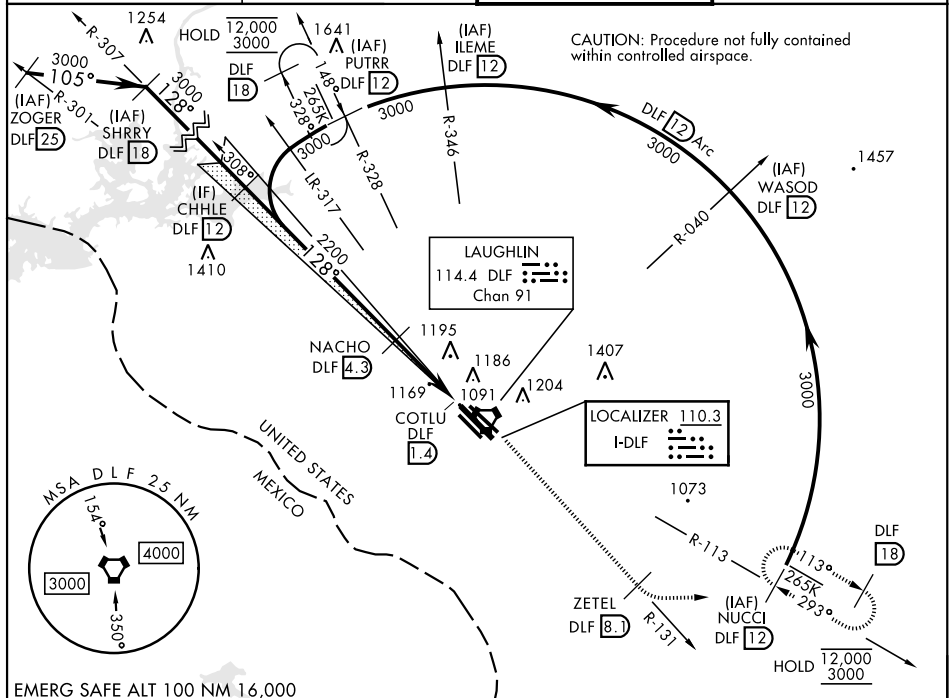


DEL RIO, TEXAS

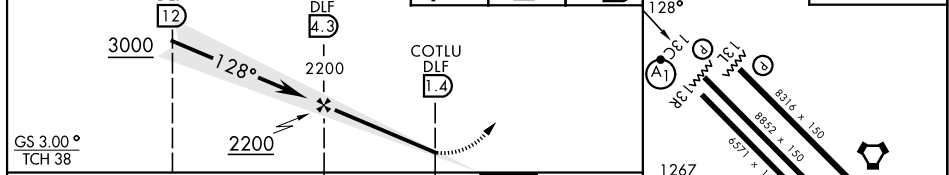
LOC I-DLF		APCH CRS	Rwy Idg	13C	13L	13R	ILS or LOC/DME Y RWY 13C	
110.3		128°	TDZE	8852	8316	6571	[USAF] LAUGHLIN AFB (KDLF)	
			Arpt Elev	1082	1078	1077		

▼ * When ALS inop, increase RVR to 40 and vis to $\frac{3}{4}$ mile. ** When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE RVR to 50 and vis to 1 mile. *** Circling W of Rwy 13R-31L not authorized.	ALS-F-1	MISSED APPROACH: Climb to 3000 on DLF VORTAC R-131 to 8.1 DME (ZETEL), then turn left to intercept DLF R-113 to 12 DME (NUCCI) and hold.
	A1	

ATIS ★	DEL RIO APP CON	TOWER ★	GND CON
114.4 269.9	119.6 259.1	125.2 307.375	275.8



CHHLE DLF 12	NACHO DLF 4.3	COTLU DLF 1.4	3000 DLF R-131	ZETEL DLF 8.1	NUCCI R-113 DLF 12	ELEV 1082	TDZE 13C 1082
							TDZE 13L 1078
							TDZE 13R 1077



CATEGORY	A	B	C	D	E
S-ILS 13C*	1282/24		200	(200- $\frac{1}{2}$)	
S-LOC 13C**	1420/24	338 (400- $\frac{1}{2}$)	1420/26	338	(400- $\frac{1}{2}$)
SIDESTEP 13L	1440-1	362 (400-1)	1440-1 $\frac{1}{2}$	362 (400-1 $\frac{1}{2}$)	1440-2
SIDESTEP 13R	1480-1	403 (400-1)	1480-1 $\frac{1}{2}$	403 (400-1 $\frac{1}{2}$)	1480-2
CIRCLING***	1500-1	1540-1	1700-1 $\frac{3}{4}$	1700-2	1740-2 $\frac{1}{4}$
	418 (500-1)	458 (500-1)	618 (700-1 $\frac{3}{4}$)	618 (700-2)	658 (700-2 $\frac{1}{4}$)

DEL RIO, TEXAS	29°22'N-100°47'W	LAUGHLIN AFB (KDLF)
Amtd 6 20FEB25		

ILS or LOC/DME Y RWY 13C

DEL RIO, TEXAS

LOC I-ILH
108 9

APCH CRS
308°

	31C	31L	31R
Rwy Idg	8852	6241	8316
TDZE	1079	1080	1078
Arprt Elev	1082		

ILS or LOC/DME Y RWY 31C

[USAF]

LAUGHLIN AFB (KDLF)

* Circling W of Rwy 13R-31L not authorized.

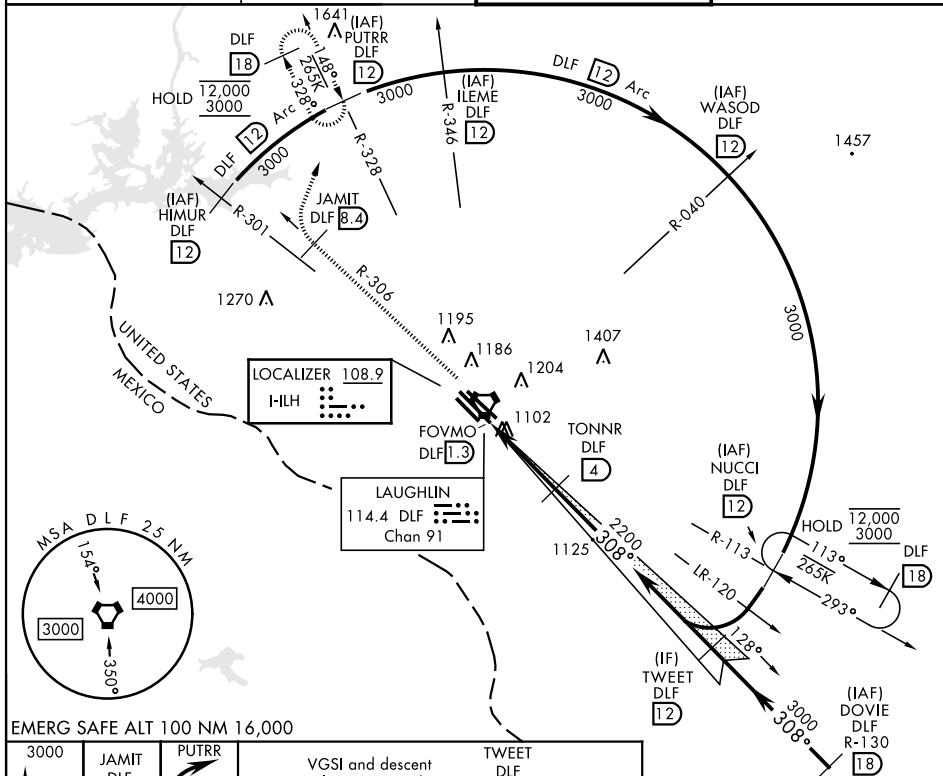
MISSED APPROACH: Climb to 3000 on DLF VORTAC R-306 to 8.4 DME (JAMIT), then turn right to intercept DLF R-328 to 12 DME (PUTRR) and hold.

ATIS ★
114.4 269.9

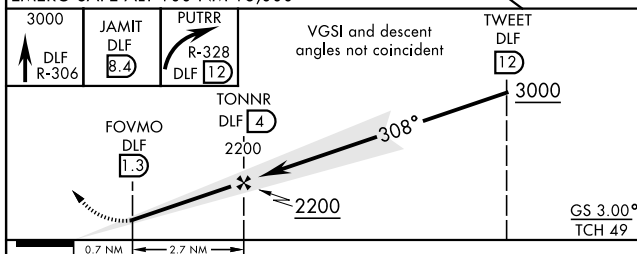
DEL RIO APP CON
119.6 259.1

TOWER ★
125.2 307.375

GND CON
275.8

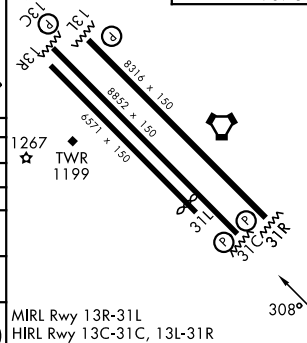


EMERG SAFE ALT 100 NM 16,000



CATEGORY	A	B	C	D	E
S-LS 31C	1279- $\frac{3}{4}$		200 (200- $\frac{3}{4}$)		
S-LOC 31C	1360-1	281 (300-1)	1360- $\frac{7}{8}$	281 (300- $\frac{7}{8}$)	
SIDESTEP 31L	1360-1	280 (300-1)	1360-1 $\frac{1}{2}$ 280 (300-1 $\frac{1}{2}$)	1360-2	280 (300-2)
SIDESTEP 31R	1380-1	302 (300-1)	1380-1 $\frac{1}{2}$ 302 (300-1 $\frac{1}{2}$)	1380-2	302 (300-2)
CIRCLING *	1500-1 418 (500-1)	1540-1 458 (500-1)	1700-1 $\frac{1}{4}$ 618(700-1 $\frac{1}{4}$)	1700-2 618 (700-2)	1740-2 $\frac{1}{4}$ 658(700-2 $\frac{1}{4}$)

ELEV 1082	D	TDZE 31C 1079
A₁		TDZE 31L 1080
		TDZE 31R 1078



DEL RIO, TEXAS

29°22'N-100°47'W

LAUGHLIN AFB (KDLEF)

Amdt 6 05OCT23

ILS or LOC/DME Y RWY 31C

DEL RIO, TEXAS

RNAV (GPS) RWY 13C

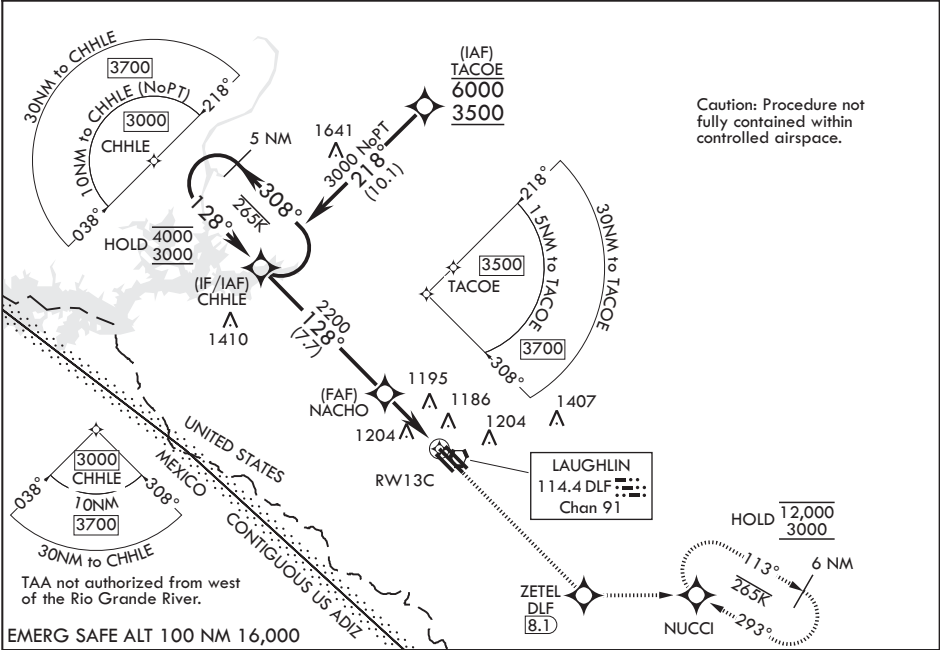
APCH CRS 128°	Rwy Idg	13C	13L	13R
	TDZE	8852	8316	6571
	Arprt Elev	1082	1078	1077

(USAF)

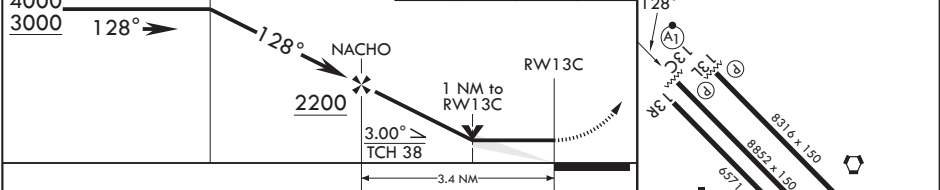
LAUGHLIN AFB (KDLF)

RNP APCH - GPS	Rwy 13C ALSIF-1	MISSED APPROACH: Climb to 3000 direct ZETEL, then track 083° to NUCCI and hold.
* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1 1/4 miles. ** Circling SW of Rwy 13R-31L not authorized.		

ATIS★ 114.4 269.9	DEL RIO APP CON 119.6 259.1	TOWER★ 125.2 307.375	GND CON 275.8
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5 NM Holding Pattern	3000	ZETEL	tr 083°	NUCCI	ELEV 1082	TDZE 13C 1082	TDZE 13L 1078	TDZE 13R 1077
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CATEGORY	A	B	C	D	E
LNAV MDA*	1440/24	358 (400-½)	1440/30	358	(400-¾)
SIDESTEP 13L	1440-1	362 (400-1)	1440-1½	362 (400-1½)	1440-2 362 (400-2)
SIDESTEP 13R	1480-1	403 (400-1)	1480-1½	403 (400-1½)	1480-2 403 (400-2)
CIRCLING**	1500-1 418 (500-1)	1540-1 458 (500-1)	1700-1¾ 618 (700-1¾)	1700-2 618 (700-2)	1740-2¼ 658 (700-2¼)

SC-3, 03 SEP 2026 to 29 OCT 2026

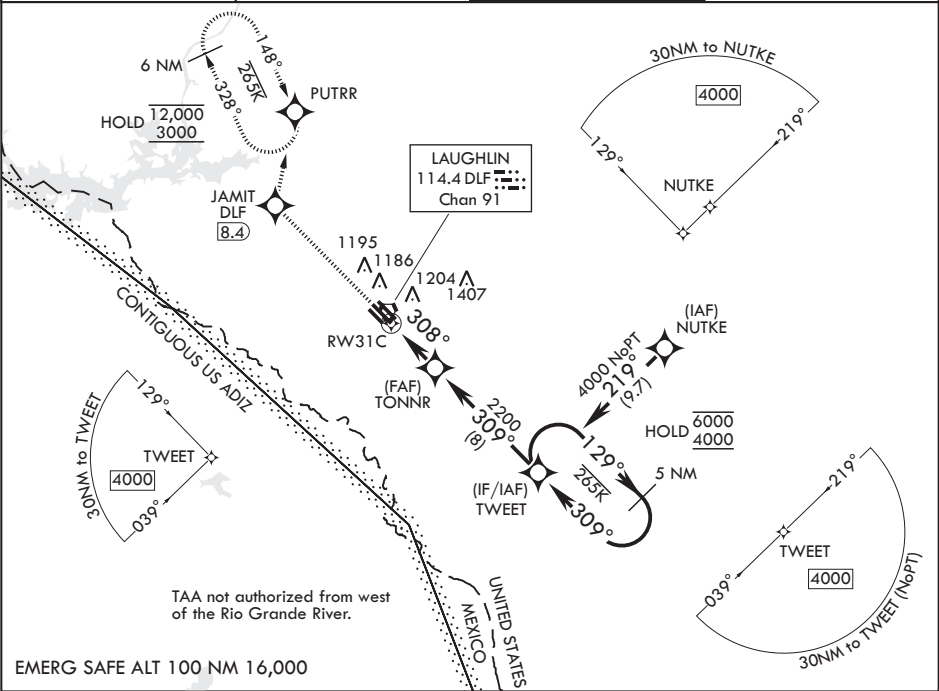
SC-3, 03 SEP 2026 to 29 OCT 2026

RNP APCH - GPS

MISSED APPROACH: Climb to 3000 direct JAMIT, then track 005° to PUTRR and hold.

* Circling not authorized SW of Rwy 13R-31L.

ATIS★ 114.4 269.9	DEL RIO APP CON 119.6 259.1	TOWER★ 125.2 307.375	GND CON 275.8
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3000

JAMIT

tr 005°

PUTRR

TWEET

5 NM Holding Pattern

129°

309°

6000

4000

0.8 NM to RW31C

TONNR

308°

2200

≤ 2.99°

TCH 52

3.4 NM

CATEGORY	A	B	C	D	E
LNAV MDA	1380-1 301 (300-1)	1380-1 302 (300-1)	1380-1½ 302 (300-1½)	1380-2 301 (300-2)	1380-2 302 (300-2)
SIDESTEP31R	1380-1 302 (300-1)	1380-1 302 (300-1)	1380-1½ 302 (300-1½)	1380-2 301 (300-2)	1380-2 302 (300-2)
SIDESTEP31L	1420-1 340 (400-1)	1420-1 340 (400-1)	1420-1½ 340 (400-1½)	1420-2 340 (400-2)	1420-2 340 (400-2)
CIRCLING*	1500-1 418 (500-1)	1540-1 458 (500-1)	1700-1¼ 618 (700-1¼)	1700-2 618 (700-2)	1740-2¼ 658 (700-2¼)

ELEV 1082

TDZE 31C 1079

TDZE 31L 1080

TDZE 31R 1078

BCN 1267

TWR 1199

8316 x 150

8852 x 150

6571 x 150

308°

MIRL Rwy 13R-31L

HIRL Rwy 13C-31C and 13L-31R

DEL RIO, TEXAS

RNAV (GPS) B

APCH CRS 340°	Rwy Idg TDZE Arprt Elev	N/A N/A 1082
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(USAF)

LAUGHLIN AFB (KDLF)

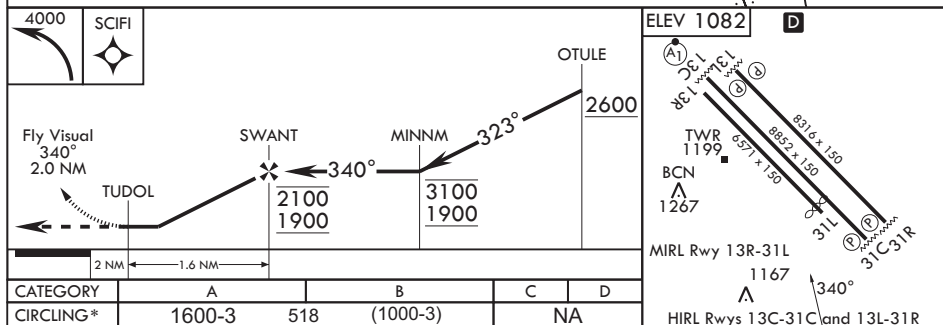
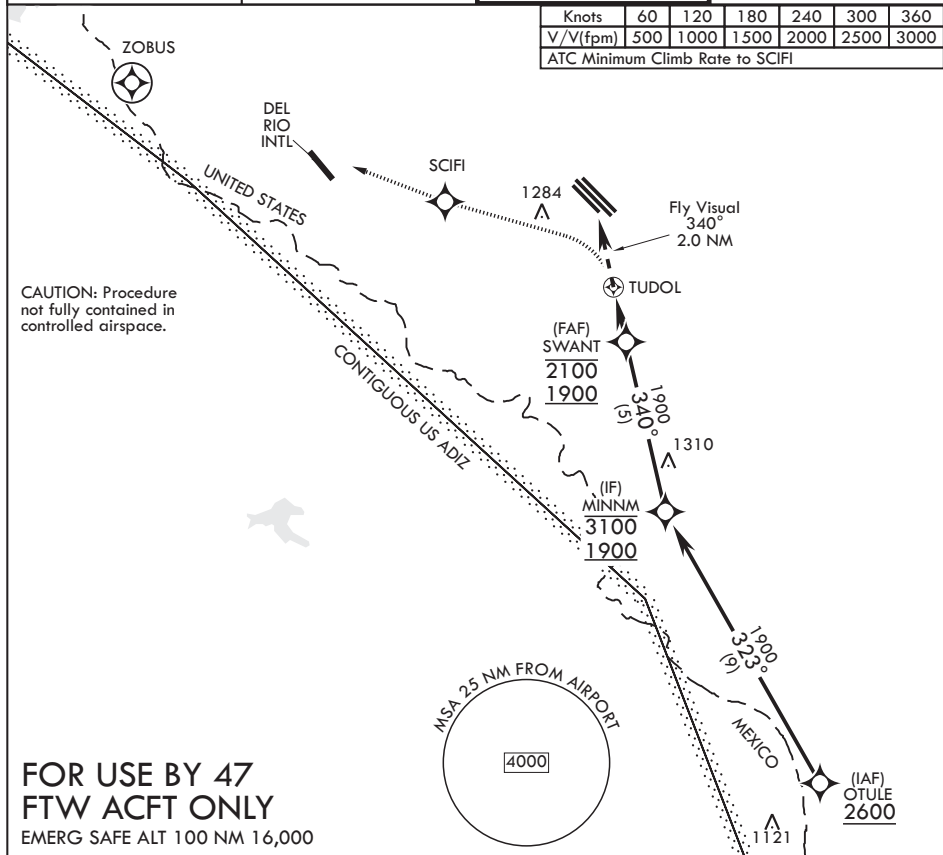
RNP APCH - GPS

RADAR required

* Circling not authorized in sector NE of Rwy 13R-31L.

MISSED APPROACH: Climbing left turn to 4000 direct ZOBUS, cross SCIFI at 4000, expect radar vectors.

ATIS★ 114.4 269.9	DEL RIO APP CON 119.6 259.1	TOWER★ 125.2 307.375	GND CON 275.8						
			Knots	60	120	180	240	300	360
			V/V(fpm)	500	1000	1500	2000	2500	3000
			ATC Minimum Climb Rate to SCIFI						



DEL RIO, TEXAS

29°22'N - 100°47'W

LAUGHLIN AFB (KDLF)

Amdt 6 07SEP23

RNAV (GPS) B

DEL RIO, TEXAS

VOR/DME RWY 13C

VORTAC DLF 114.4 Chan 91	APCH CRS 118°	Rwy Idg 8852 TDZE 1082 Arpt Elev 1082
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[USAF]

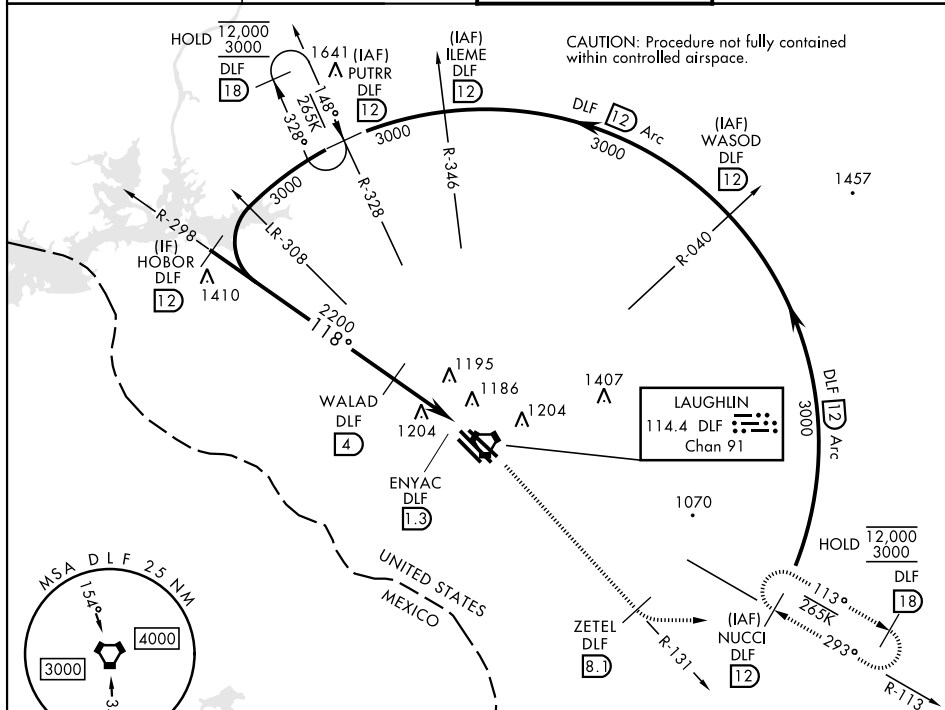
LAUGHLIN AFB (KDLF)

T* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE RVR to 60 and vis to 1 1/8 miles.

** Circling not authorized in sector SW of Rwy 13R-31L.

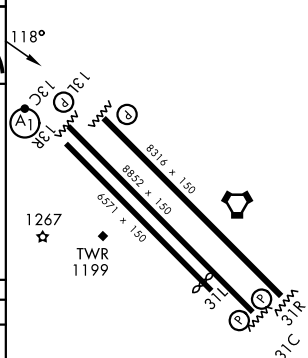
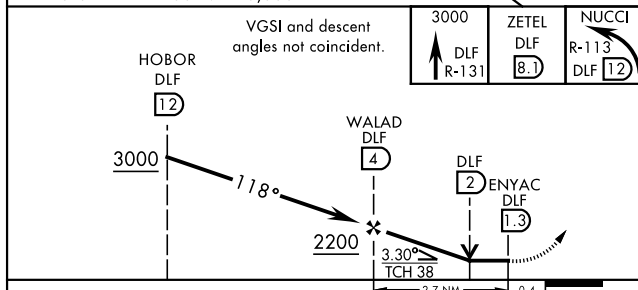
ALSF-1 	MISSED APPROACH: Climb to 3000 on DLF VORTAC R-131 to 8.1 DME (ZETEL), then turn left to intcp DLF R-113 to 12 DME (NUCCI) and hold.
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ATIS ★ 114.4 269.9	DEL RIO APP CON 119.6 259.1	TOWER ★ 125.2 307.375	GND CON 275.8
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EMERG SAFE ALT 100 NM 16.000

ELEV	1082	D	TDZE	1082
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CATEGORY	A	B	C	D	E
S-13C *	1480/24 398 (400-½)		1480/40	398	(400-¾)
CIRCLING**	1500-1 418 (500-1)	1540-1 458 (500-1)	1700-1½ 618(700-1¾)	1700-2 618 (700-2)	1740-2½ 658(700-2¾)

MIRL Rwy 13R-31L
HIRL Rwy 13C-31C, 13L-31R

DEL RIO, TEXAS

29°22'N-100°47'W

LAUGHLIN AFB (KDLF)

Amdt 4 20FEB25

VOR/DME RWY 13C

DEL RIO, TEXAS

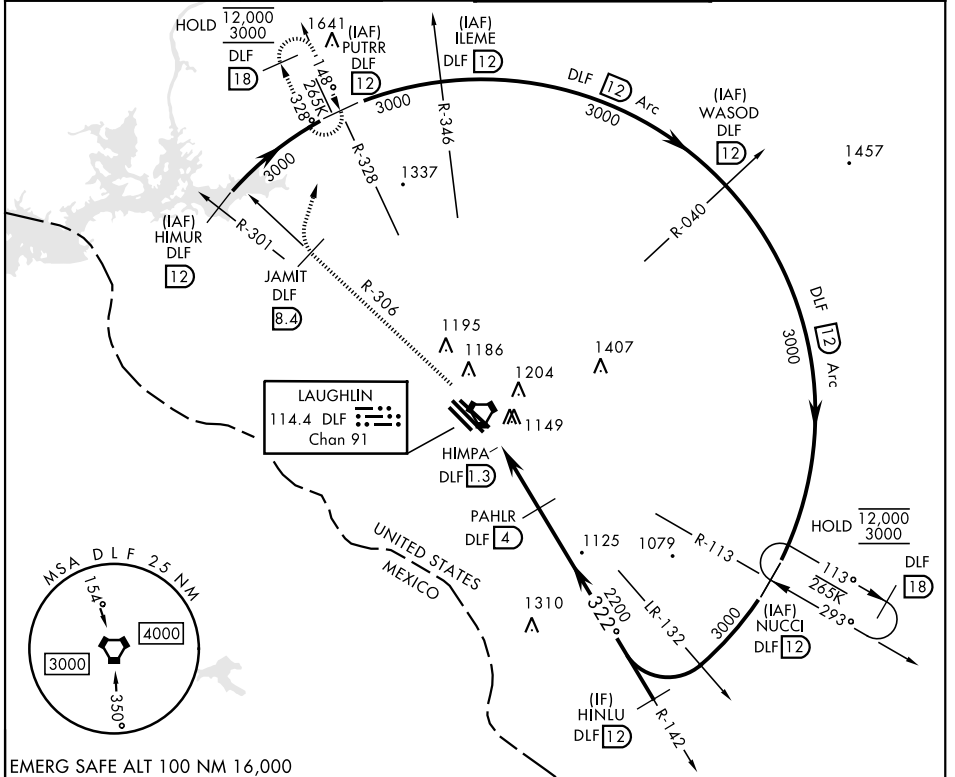
VOR/DME RWY 31C

VORTAC DLF 114.4 Chan 91	APCH CRS 322°	Rwy Idg TDZE Arpt Elev 8852 1079 1082
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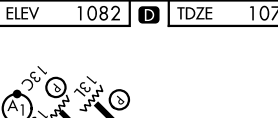
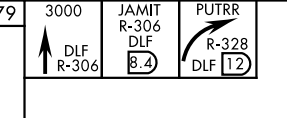
[USAF]

LAUGHLIN AFB (KDLF)

V *Circling not authorized in sector SW of Rwy 13R-31L.		MISSED APPROACH: Climb to 3000 on DLF VORTAC R-306 to 8.4 DME (JAMIT), then turn right to intercept DLF R-328 to 12 DME (PUTRR), and hold.	
ATIS ★ 114.4 269.9	DEL RIO APP CON 119.6 259.1	TOWER ★ 125.2 307.375	GND CON 275.8



EMERG SAFE ALT 100 NM 16,000

ELEV 1082	D	TDZE 1079	3000	JAMIT R-306 DLF 8.4	PUTRR R-328 DLF 12					
										
CATEGORY			A	B	C	D	E			
S-31C			1420-1		341 (400-1)					
CIRCLING*			1500-1 418 (500-1)	1540-1 458 (500-1)	1700-1½ 618(700-1¾)	1700-2 618 (700-2)	1740-2¼ 658(700-2¼)			

DEL RIO, TEXAS

29°22'N-100°47'W

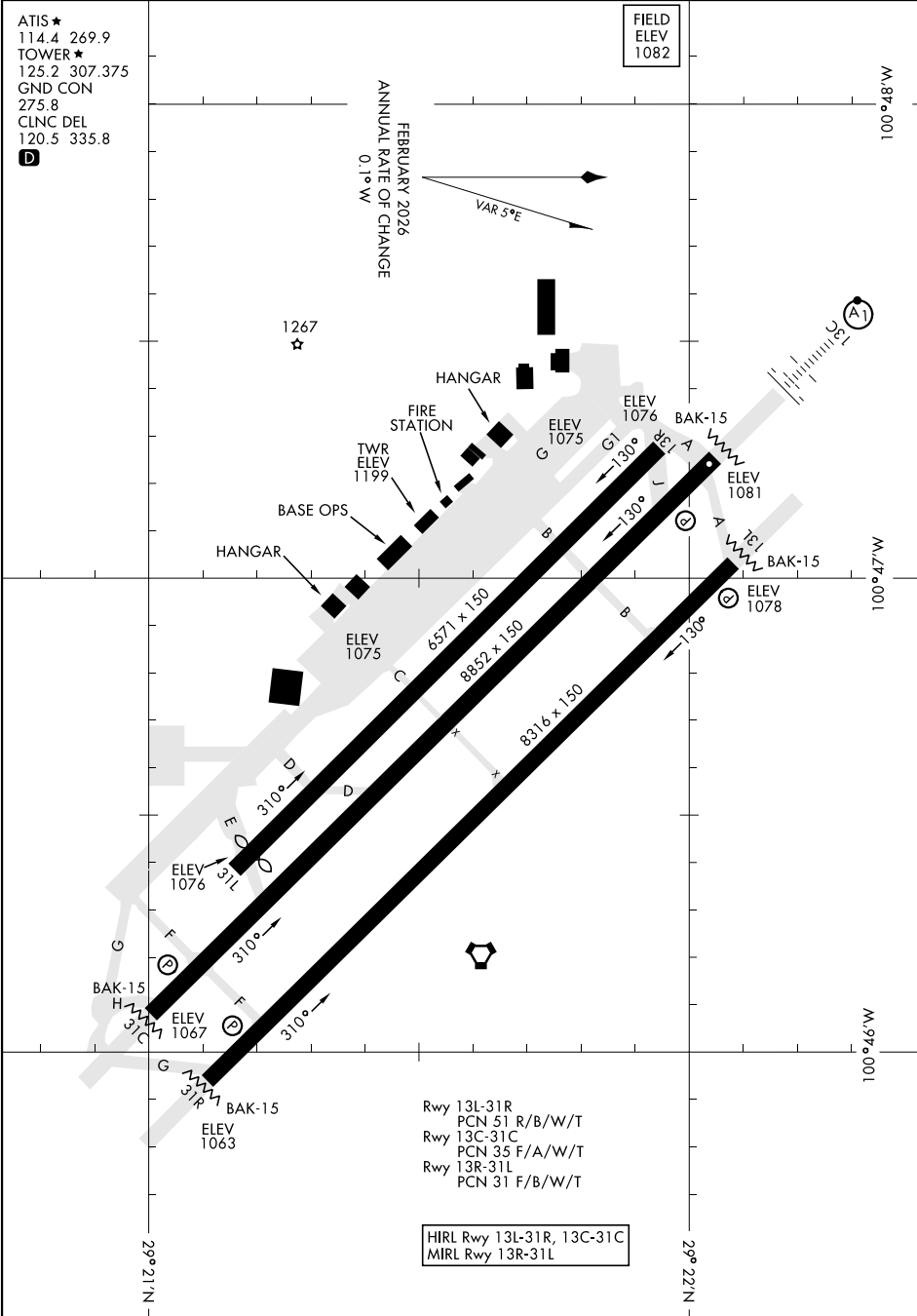
LAUGHLIN AFB (KDLF)

Amdt 4 20APR23

VOR/DME RWY 31C

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

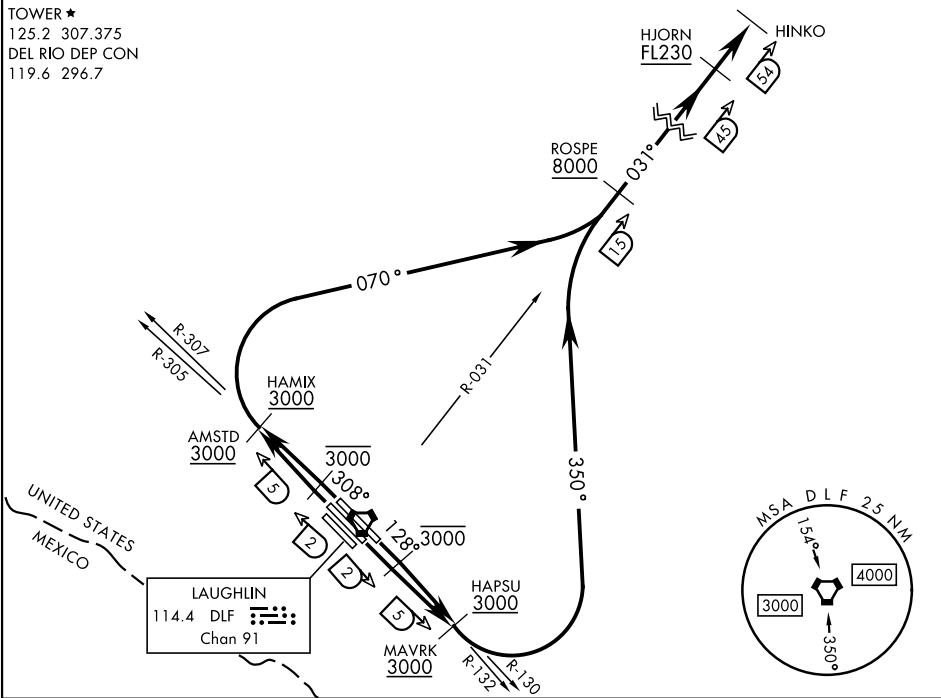


SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ATIS ★ 114.4 269.9	2216	AL-111 [USAF]	60	120	180	240	300	360
CLNC DEL 120.5 335.8		13C/L V/V(fpm)	450	900	1340	1790	2230	2680
GND CON 275.8		31C/R V/V(fpm)	460	920	1380	1840	2300	2760

ATC Climb Rate to HJORN FL230



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 13C: Climb on track 128°, intercept the DLF VORTAC R-132 to DLF 5 DME (MAVRK), cross DLF VORTAC 2 DME at or below 3000, cross DLF R-132/5 DME (MAVRK) at or above 3000. Then turn left and track 350° to intercept the DLF R-031 prior to ROSPE, cross ROSPE at or above 8000, cross HJORN at or above FL230, then direct HINKO.

TAKEOFF RWY 13L: Climb on track 128°, intercept the DLF VORTAC R-130 to DLF 5 DME (HAPSU), cross DLF VORTAC 2 DME at or below 3000, cross DLF R-130/5 DME (HAPSU) at or above 3000. Then turn left and track 350° to intercept the DLF R-031 prior to ROSPE, cross ROSPE at or above 8000, cross HJORN at or above FL230, then direct HINKO.

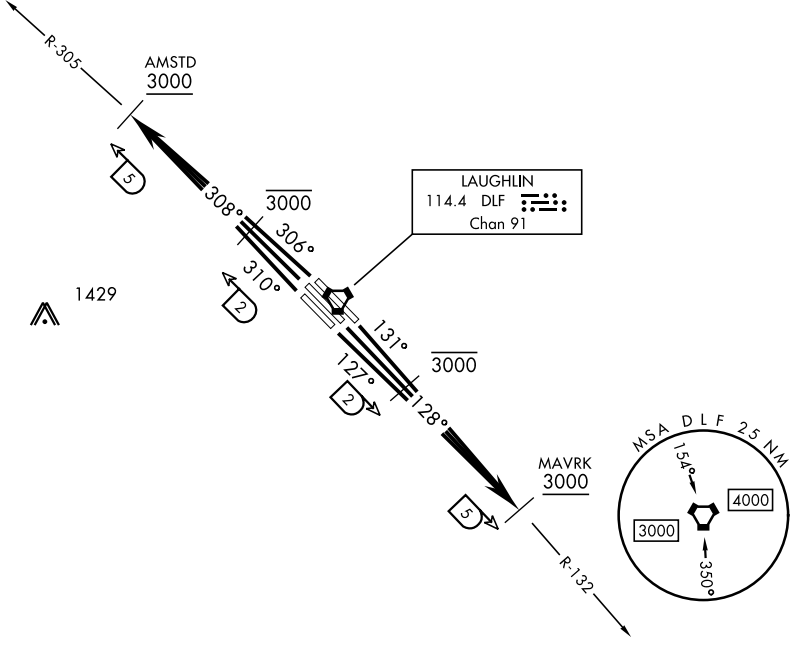
TAKEOFF RWY 31C: Climb on track 308°, intercept the DLF VORTAC R-305 to DLF 5 DME (AMSTD), cross DLF VORTAC 2 DME at or below 3000, cross DLF R-305/5 DME (AMSTD) at or above 3000. Then turn right and track 070° to intercept the DLF R-031 prior to ROSPE, cross ROSPE at or above 8000, cross HJORN at or above FL230, then direct HINKO.

TAKEOFF RWY 31R: Climb on track 308°, intercept the DLF VORTAC R-307 to DLF 5 DME (HAMIX), cross DLF VORTAC 2 DME at or below 3000, cross DLF R-307/5 DME (HAMIX) at or above 3000. Then turn right and track 070° to intercept the DLF R-031 prior to ROSPE, cross ROSPE at or above 8000, cross HJORN at or above FL230, then direct HINKO.

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ATIS ★ 114.4 269.9	Rwy	Knots	60	120	180	240	300	360
CLNC DEL	31C/L/R	V/V(fpm)	470	940	1410	1880	2350	2810
120.5 335.8	13C	V/V(fpm)	440	880	1320	1760	2200	2640
GND CON	13L	V/V(fpm)	450	890	1330	1770	2210	2650
275.8	13R	V/V(fpm)	410	810	1210	1620	2020	2420
LAUGHLIN TOWER ★	ATC Climb Rate to 5 DME							
125.2 307.375	1870							
DEL RIO DEP CON								
119.6 296.7								



DEPARTURE ROUTE DESCRIPTION
(MAVRK Tracks)

TAKEOFF RWY 13C: Climb on track 128°, thence...

TAKEOFF RWY 13L: Climb on track 131°, thence...

TAKEOFF RWY 13R: Climb on track 127°, thence...

...intercept DLF VORTAC R-132 to DLF 5 DME (MAVRK), cross DLF 2 DME at or below 3000, cross DLF 5 DME (MAVRK) at or above 3000, then as directed by ATC.

(AMSTD Tracks)

TAKEOFF RWY 31C: Climb on track 308°, thence...

TAKEOFF RWY 31L: Climb on track 310°, thence...

TAKEOFF RWY 31R: Climb on track 306°, thence...

...intercept DLF VORTAC R-305 to DLF 5 DME (AMSTD), cross DLF 2 DME at or below 3000, cross DLF 5 DME (AMSTD) at or above 3000, then as directed by ATC.

LLANO, TEXAS

AL-5959 (FAA)

24249

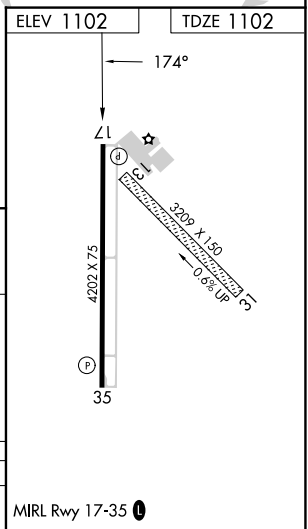
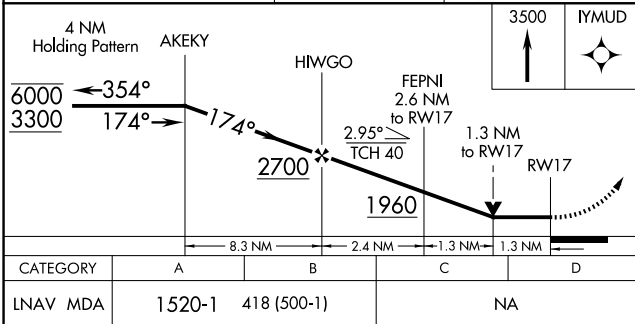
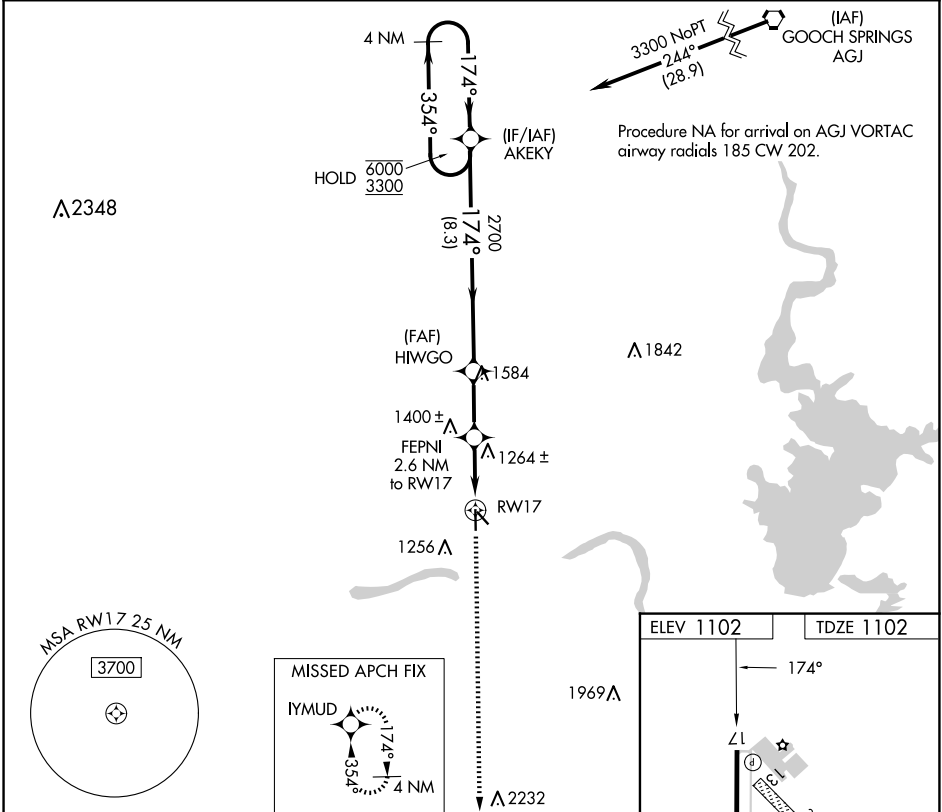
APP CRS	Rwy Idg	4202
174°	TDZE	1102
	Apt Elev	1102

RNAV (GPS) RWY 17

LLANO MUNI (A/QO)

RNP APCH - GPS.	MISSED APPROACH: Climb to 3500 direct IYMUD and hold.
Rwy 17 helicopter visibility reduction below 3/4 SM NA.	

AWOS-3 119.425	HOUSTON CENTER 132.35 317.5	UNICOM 123.05 (CTAF)
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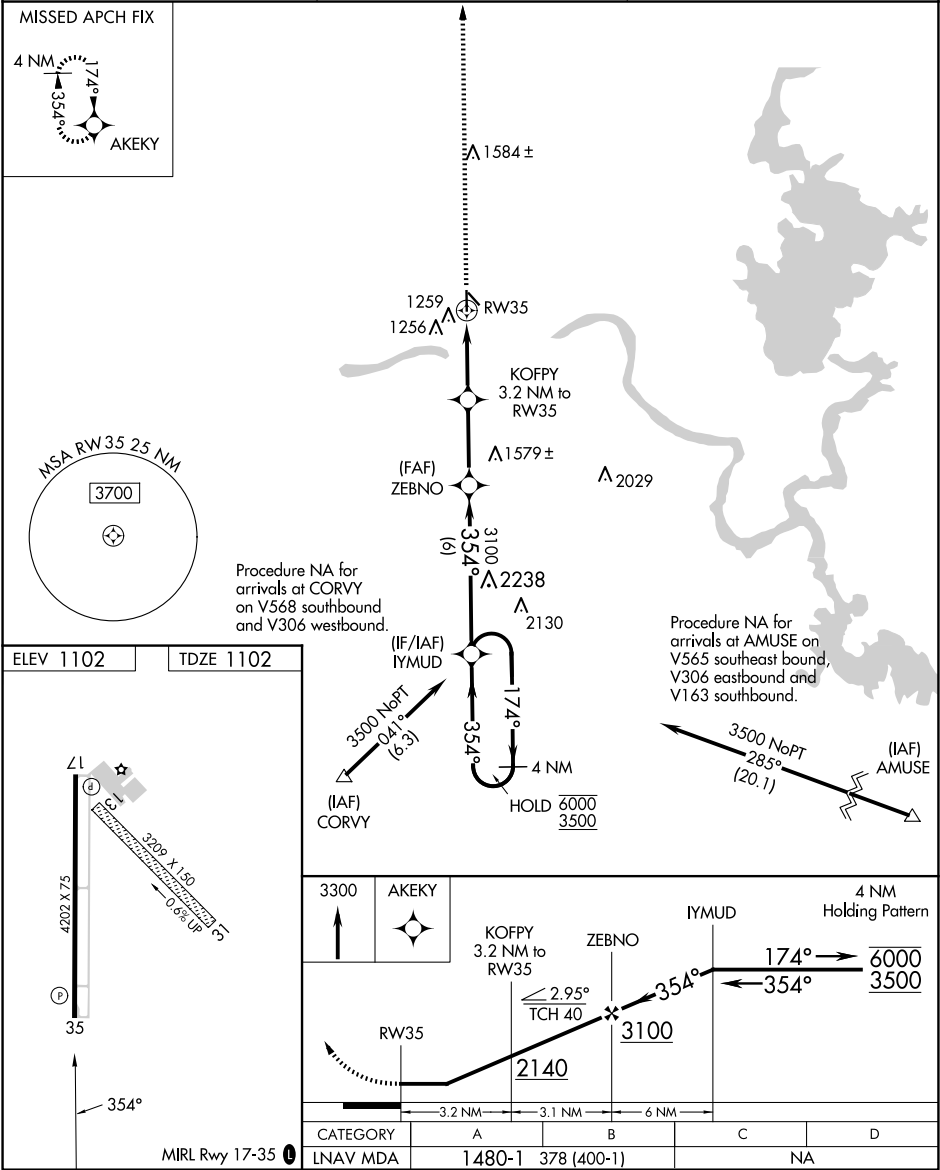
APP CRS	Rwy Idg	4202
354°	TDZE	1102
	Apt Elev	1102

RNAV (GPS) RWY 35

LLANO MUNI (AQO)

RNP APCH - GPS.	MISSED APPROACH: Climb to 3300 direct AKEY and hold.
Procedure NA at night. Rwy 35 helicopter visibility reduction below 1 SM NA.	

AWOS-3 119.425	HOUSTON CENTER 132.35 317.5	UNICOM 123.05(CTAF) 0
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SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LOCKHART, TEXAS

AL-6919 (FAA)

25219

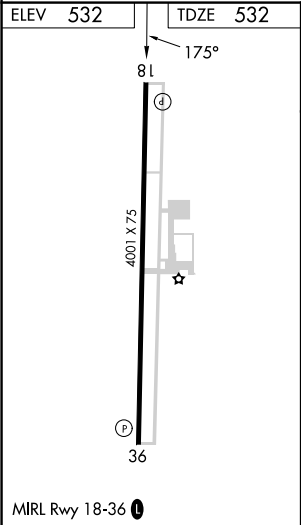
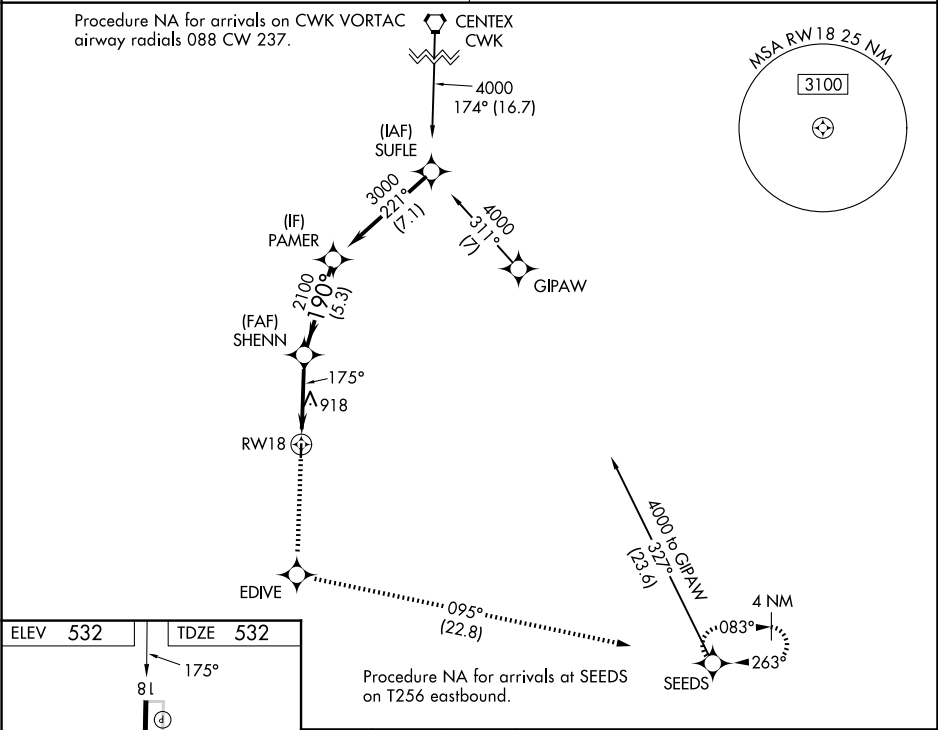
WAAS CH 45922 W18A	APP CRS 175°	Rwy Ldg TDZE Apt Elev	4001 532 532
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RNAV (GPS) RWY 18

LOCKHART MUNI (50R)

RNP APCH.	MISSED APPROACH: Climb to 4000 direct EDIVE and on track 095° to SEEDS and hold.
▼ Baro-VNAV NA. Use San Marcos altimeter setting, when not received, use Austin-Bergstrom Intl altimeter setting and increase all DA 16 feet, all MDA 20 feet; increase LNAV Cat B visibility ¼ SM. ▲ NA	

AUSTIN APP CON 120.875 270.25	UNICOM 122.8 (CTAF) 0
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4000	EDIVE	tr 095°	SEEDS	VGSI and RNAV glidepath not coincident (VGSI Angle 3.50/TCH 24).
GP 3.00° TCH 40				
CATEGORY	A	B	C	D
LPV DA	815-1 283 (300-1)			NA
LNAV/VNAV DA	883-1¼ 351 (400-1¼)			NA
LNAV MDA	1260-1 728 (800-1)		1260-2 728 (800-2)	NA

LOCKHART, TEXAS
Orig-C 28DEC23

29°51'N-97°40'W

LOCKHART MUNI (50R)

RNAV (GPS) RWY 18

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

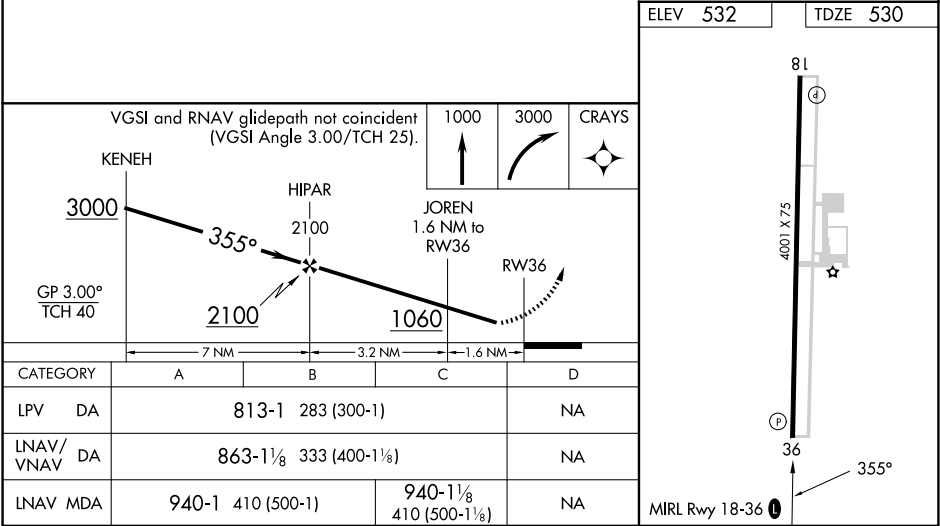
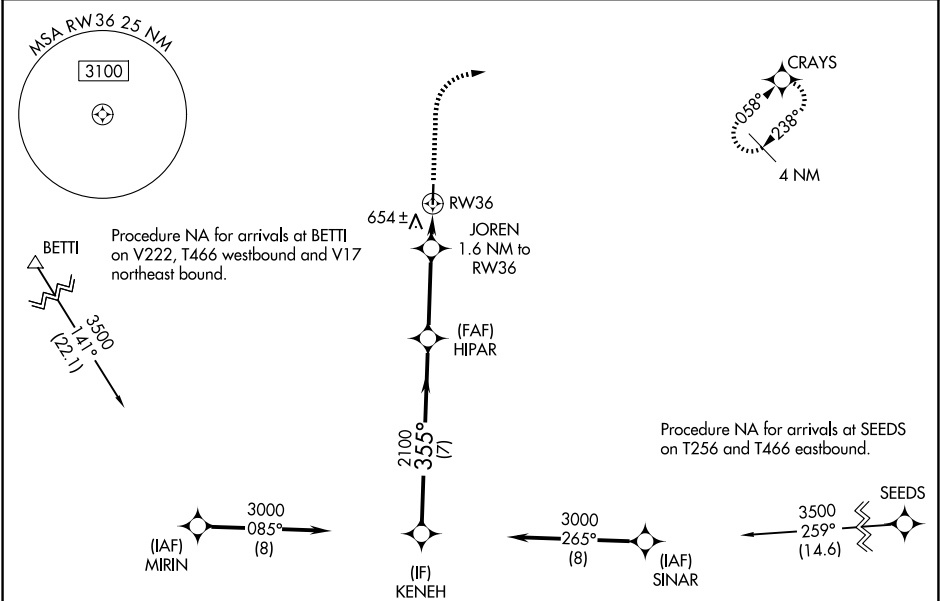
WAAS CH 53323 W36A	APP CRS 355°	Rwy Ldg TDZE Apt Elev	4001 530 532
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RNAV (GPS) RWY 36

LOCKHART MUNI (50R)

RNP APCH - GPS.	MISSED APPROACH: Climb to 1000, then climbing right turn to 3000 direct CRAYS and hold.
Rwy 36 helicopter visibility reduction below 3/4 NA. Baro-VNAV NA. Use San Marcos altimeter setting; when not received, use Austin-Bergstrom Intl altimeter setting: increase LPV DA to 830 feet; increase LNAV/VNAV DA to 880 feet; increase all MDAs 20 feet and visibility Cat C 1/2 SM.	

AUSTIN APP CON 120.875 270.25	UNICOM 122.8 (CTAF) 0
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MARFA, TEXAS

AL-5443 (FAA)

26078

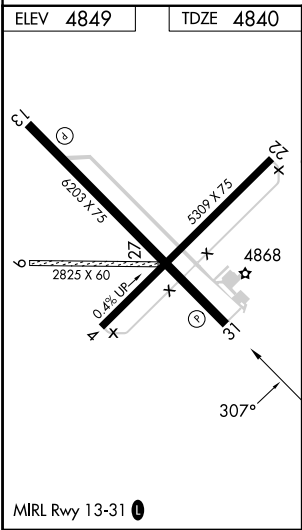
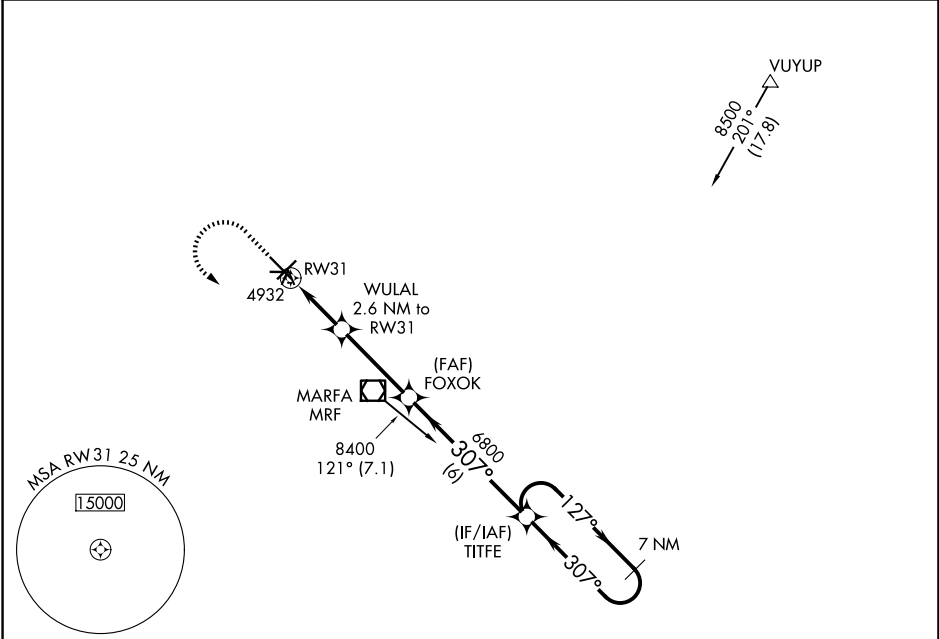
APP CRS	Rwy Ldg	6203
307°	TDZE	4840
	Apt Elev	4849

RNAV (GPS) RWY 31

MARFA MUNI (MRF)

RNP APCH-GPS.	MISSED APPROACH: Climb to 5300 then climbing left turn to 9000 direct TITFE and hold, continue climb-in-hold to 9000.
▼ When local altimeter setting not received, procedure NA.	
▲ Circling NA to Rwys 9, 27.	

AWOS-3PT 134.025	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.8 (CTAF) 0
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5300	9000	TITFE	TITFE	7 NM Holding Pattern
WULAL 2.6 NM to RW31 1 NM to RW31 1 NM 1.6 NM 3.4 NM 6 NM FOXOK 5700 6800 8400 307° 127° 307° 3.00° TCH 50 VGSIs and descent angles not coincident (VGSIs Angle 3.00/ TCH 36).				
CATEGORY	A	B	C	D
LNAV MDA	5200-1 360 (400-1)			
CIRCLING	5280-1 431 (500-1)	5300-1 451 (500-1)	5440-1½ 591 (600-1½)	5780-3 931 (1000-3)

MARFA, TEXAS
Orig-C 08SEP22

30°22'N-104°01'W

RNAV (GPS) RWY 31

MARFA MUNI (MRF)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

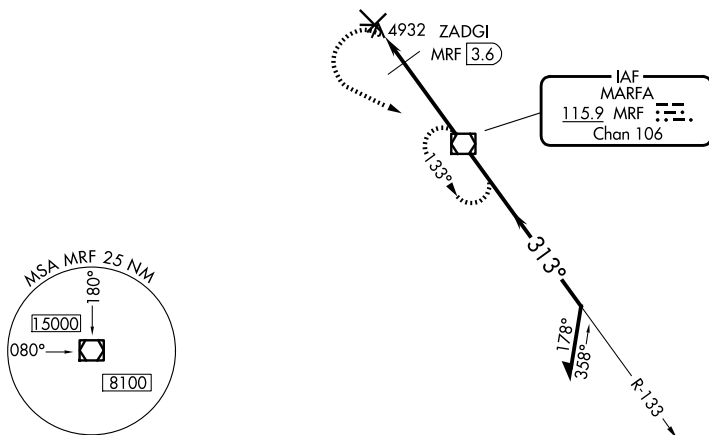
VOR/DME MRF 115.9 Chan 106	APP CRS 313°	Rwy Ldg 6203 TDZE 4840 Apt Elev 4849
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VOR RWY 31
MARFA MUNI (MRF)

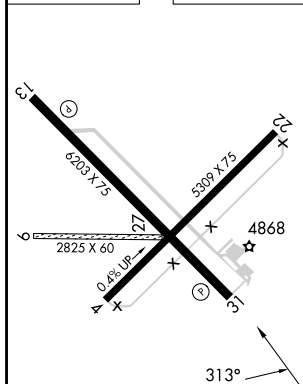
T When local altimeter setting not received, procedure NA.
A Circling NA to Rwy 9, 27.

MISSED APPROACH: Climbing left turn to 9000 direct MRF VOR/DME and hold, continue climb-in-hold to 9000.

AWOS-3PT 134.025	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.8 (CTAF) 0
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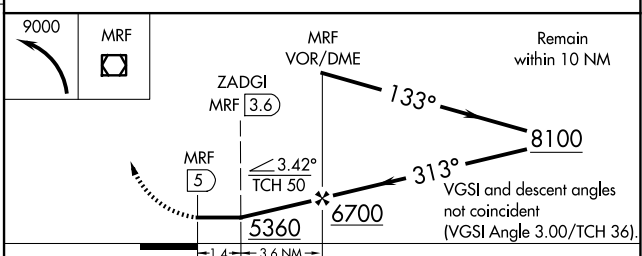


ELEV 4849		TDZE 4840
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MIRL Rwy 13-31 **L**

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40



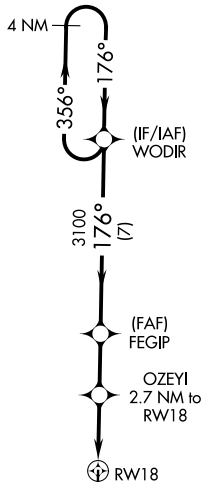
CATEGORY	A	B	C	D
S-31	5360-1	520 (600-1)	5360-1 $\frac{3}{8}$	520 (600-1 $\frac{3}{8}$)
CIRCLING	5360-1	511 (600-1)	5440-1 $\frac{1}{2}$ 591 (600-1 $\frac{1}{2}$)	5780-3 931 (1000-3)
ZADGI FIX MINIMUMS				
S-31	5200-1 360 (400-1)			
CIRCLING	5280-1 431 (500-1)	5300-1 451 (500-1)	5440-1 $\frac{1}{2}$ 591 (600-1 $\frac{1}{2}$)	5780-3 931 (1000-3)

RNAV (GPS) RWY 18

MASON COUNTY (T92)

MISSED APPROACH: Climb to 3800 direct UCOBA and hold.

CTAF
122.9



Q

®

36

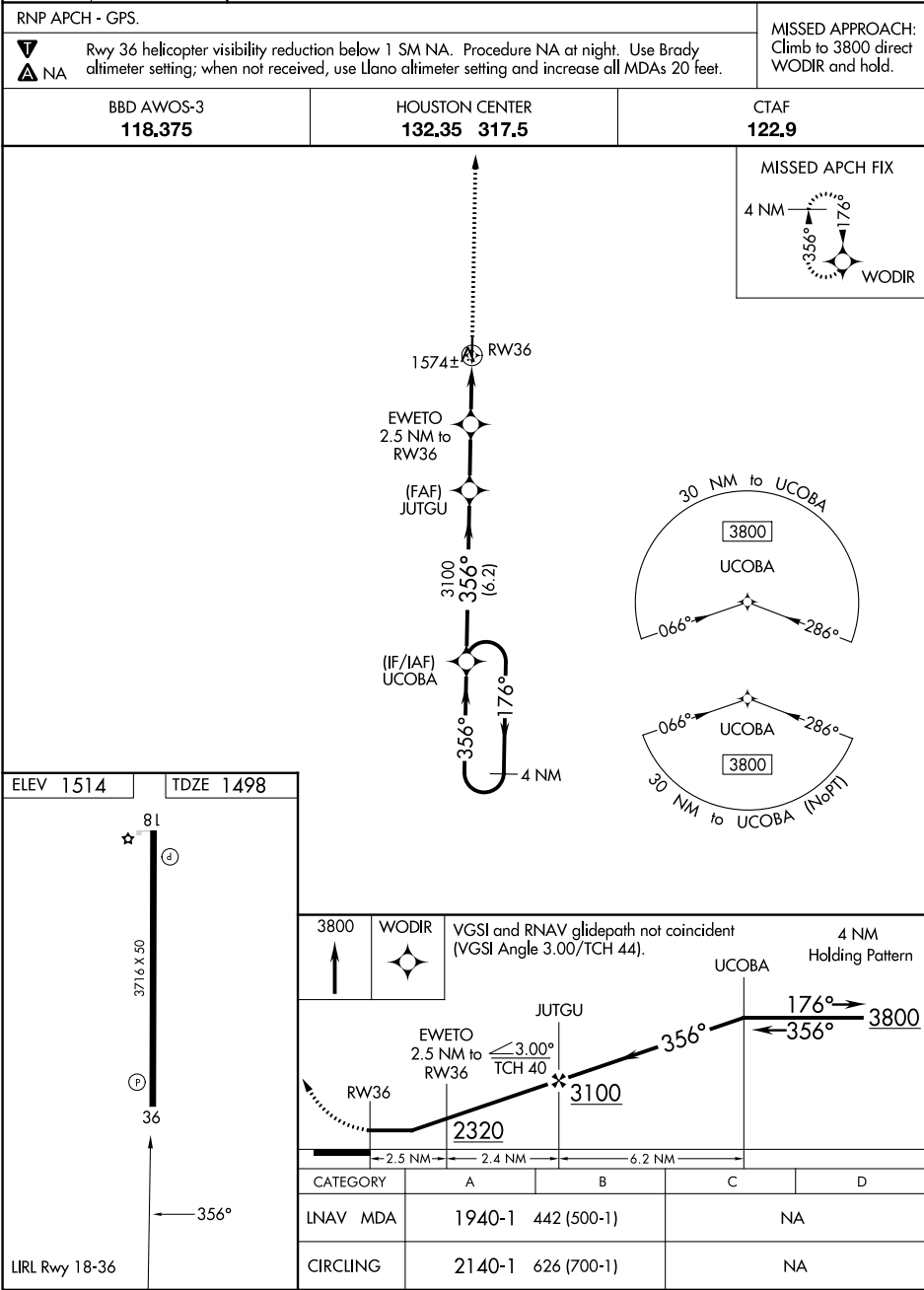
MASON COUNTY (T92)

RNAV (GPS) RWY 18

CATEGORY	A	B	C	D
LNAV MDA	2080-1	578 (600-1)	NA	
CIRCLING	2140-1	626 (700-1)	NA	

APP CRS	Rwy Ldg	3716
356°	TDZE	1498
	Apd Elev	1514

RNAV (GPS) RWY 36
MASON COUNTY (T92)



MC ALLEN, TEXAS

AL-985 (FAA)

25275

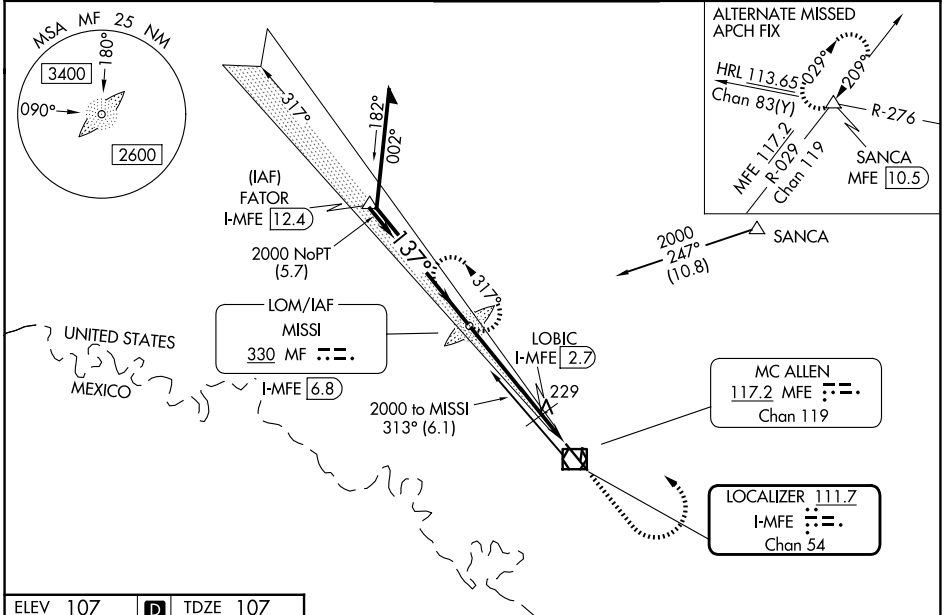
LOC/DME I-MFE 111.7 Chan 54	APP CRS 137°	Rwy Ldg 6983 TDZE 107 Apt Elev 107
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ILS or LOC RWY 14

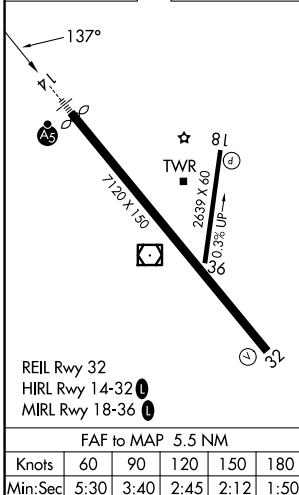
MC ALLEN INTL (MF'E)

ADF required. Circling NA northeast of Rwy 14-32. When local altimeter setting not received, use Weslaco altimeter setting: increase all DA 39 feet; increase all MDA 40 feet and S-LOC 14 Cat C/D and Circling Cat C visibility 1/8 mile, increase LOBIC Fix Minimums S-LOC 14 Cat C/D visibility 1/4 mile. For inop ALS, increase S-LOC 14 Cat C/D visibility to 1 3/8 SM. For inop ALS when using Weslaco altimeter setting, increase LOBIC Fix Minimums S-LOC 14 Cat C/D visibility to 1 3/8 SM.	MALSR 	MISSED APPROACH: Climb to 1500 then climbing left turn to 2000 direct to MISSI LOM and hold.
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ATIS 128.5	VALLEY APP CON 126.55 377.2	MC ALLEN TOWER ★ 118.5 (CTAF) 256.9	GND CON 121.8	UNICOM 122.95
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ELEV 107	D	TDZE 107
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Remain within 10 NM		MISSI LOM/I-MFE 6.8	1500	2000	MF
2000		317°	1952	LOBIC I-MFE 2.7	I-MFE 1.3
GS 3.00° TCH 56		137°	2000		
*660 when using Weslaco altimeter setting.				*620	
			4.1 NM	1.4 NM	
CATEGORY	A	B	C	D	
S-ILS 14	307-1/2 200 (200-1/2)				
S-LOC 14	620-1/2	513 (600-1/2)	620-1	513 (600-1)	
CIRCLING	620-1	513 (600-1)	620-1 1/2 513 (600-1 1/2)	800-2 1/4 693 (700-2 1/4)	
LOBIC FIX MINIMUMS					
S-LOC 14	540-1/2	433 (500-1/2)	540-3/4	433 (500-3/4)	
CIRCLING	580-1	473 (500-1)	580-1 1/2 473 (500-1 1/2)	800-2 1/4 693 (700-2 1/4)	

MC ALLEN, TEXAS
Amdt 9B 14JUL22

26°11'N-98°14'W

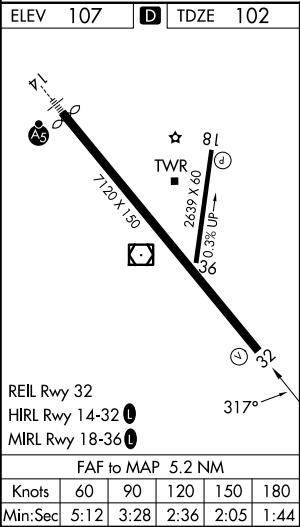
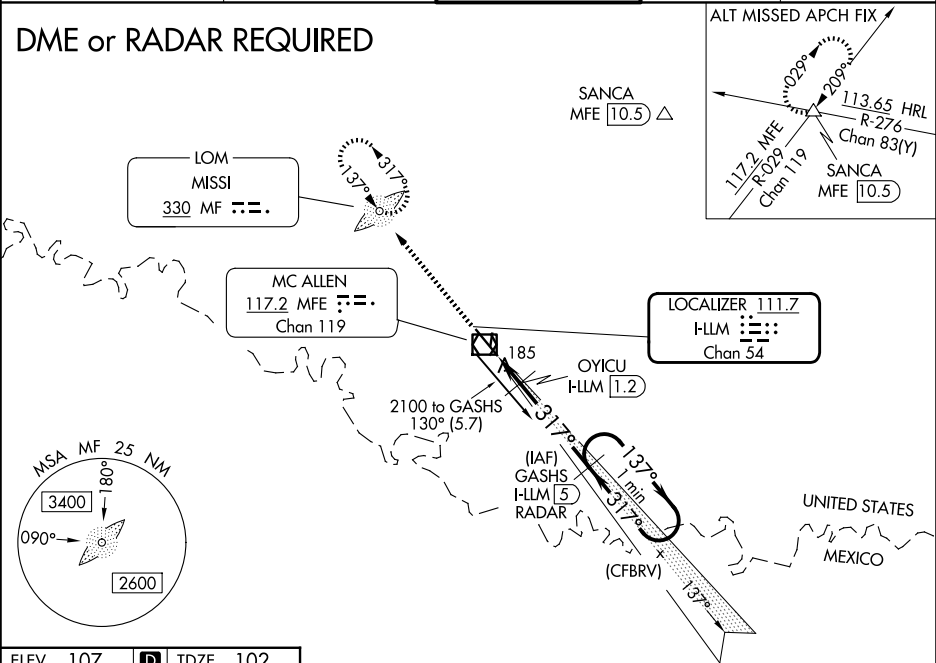
MC ALLEN INTL (MF'E)
ILS or LOC RWY 14

LOC/DME I-LLM 111.7 Chan 54	APP CRS 317°	Rwy Ldg 7120 TDZE 102 Apt Elev 107
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ILS or LOC RWY 32
MC ALLEN INTL (MFE)

⚠ Circling NA northeast of Rwy 14-32. ADF and DME or Radar required. When local altimeter setting not received, use Weslaco altimeter setting: increase all DA 39 feet and MDA 40 feet.		MISSED APPROACH: Climb to 2100 direct MF LOM and hold		
ATIS 128.5	VALLEY APP CON 126.55 377.2	MC ALLEN TOWER ★ 118.5 (CTAF) 0 256.9	GND CON 121.8	UNICOM 122.95

DME or RADAR REQUIRED



2100 ↑ MF 	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 53).		GASHS I-LLM 5 RADAR		One Minute Holding Pattern	
*LOC only	OYICU I-LLM 1.2	1800		137°	2100	
		317°	1800	317°		GS 3.00° TCH 50
		*600 when using Weslaco alimenter setting.				
CATEGORY	A	B	C	D		
S-ILS 32	302-3/4		200 (200-3/4)			
S-LOC 32	560-1	458 (500-1)	560-1 3/8	458 (500-1 3/8)		
CIRCLING	580-1	473 (500-1)	580-1 1/2 473 (500-1 1/2)	800-2 1/4 693 (700-2 1/4)		
OYICU FIX MINIMUMS						
S-LOC 32	440-1		338 (400-1)			
CIRCLING	580-1	473 (500-1)	580-1 1/2 473 (500-1 1/2)	800-2 1/4 693 (700-2 1/4)		

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

MC ALLEN, TEXAS

AL-985 (FAA)

25275

WAAS CH 78400 W14A	APP CRS 137°	Rwy Ldg 6983 TDZE 107 Apt Elev 107
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RNAV (GPS) RWY 14

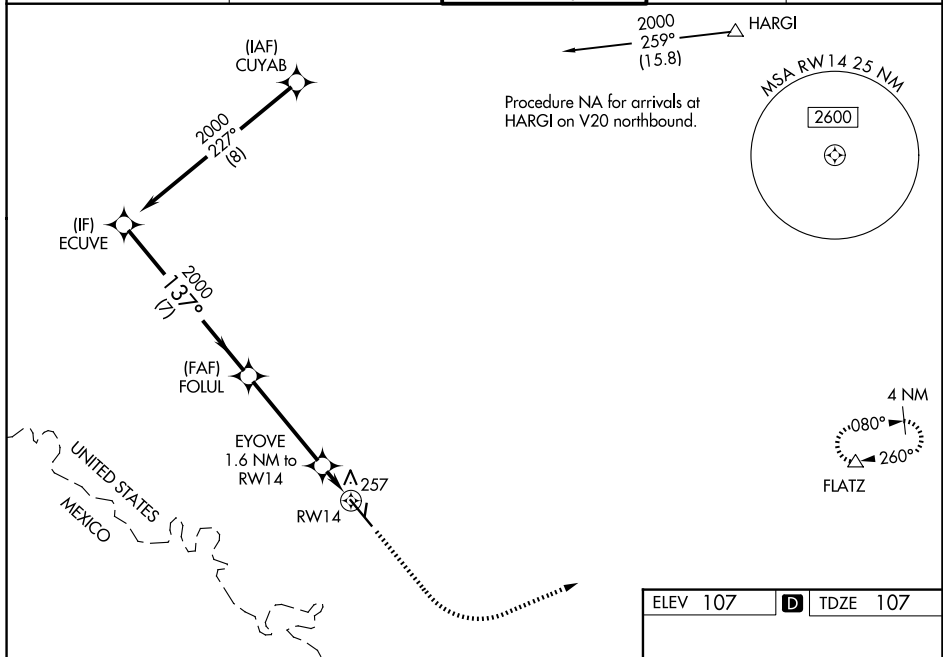
MC ALLEN INTL (MF'E)

RNP APCH-GPS.
Circling NA northeast of Rwy 14-32. For inop ALS, increase LNAV/VNAV visibility all Cats to ¾ SM and LNAV visibility Cat C/D to 1 ½ SM. For inop ALS when using Weslaco altimeter setting, increase LNAV/VNAV visibility all Cats to 1 SM. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 1°C or above 54°C. When local altimeter setting not received, use Weslaco altimeter setting and increase all DA 39 feet and LNAV/VNAV all Cats visibility ½ SM; increase all MDA 40 feet and LNAV Cat C/D visibility ½ SM.

MALSRL
A5

MISSED APPROACH:
Climb to 1500 then climbing left turn to 3000 direct FLATZ and hold.

ATIS 128.5	VALLEY APP CON 126.55 377.2	MC ALLEN TOWER ★ 118.5 (CTAF) 0 256.9	GND CON 121.8	UNICOM 122.95
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ELEV 107 TDZE 107

GP 3.00°
TCH 60

ECUVE FOLUL EYOVE RW14

2000 2000 2000 660

7 NM 4.2 NM 1.6 NM

CATEGORY	A	B	C	D
LPV DA	307-½ 200 (200-½)			
LNAV/VNAV DA	418-½ 311 (400-½)			
LNAV MDA	520-½ 413 (500-½)	520-¾ 413 (500-¾)		
CIRCLING	580-1 473 (500-1)	580-1½ 473 (500-1½)	800-2¼ 693 (700-2¼)	

137°

7120 X 130

81 2639 X 60 36

TWR

REIL Rwy 32

HIRL Rwy 14-32 0

MIRL Rwy 18-36 0

MC ALLEN, TEXAS
Amdt 1A 14JUL22

26°11'N-98°14'W

RNAV (GPS) RWY 14

MC ALLEN INTL (MF'E)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

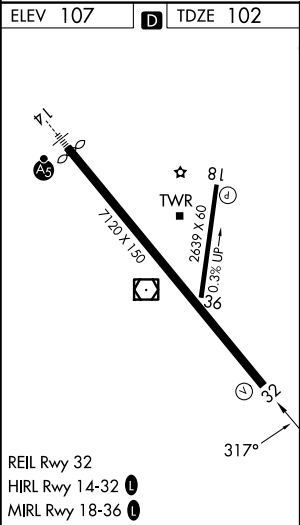
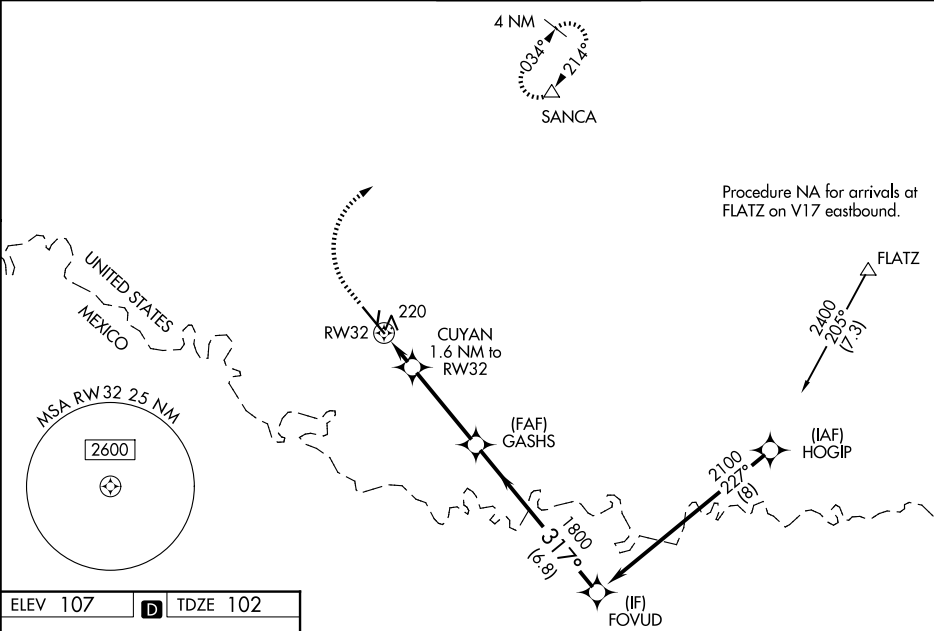
WAAS CH 78001 W32A	APP CRS 317°	Rwy Ldg TDZE Apt Elev	7120 102 107
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RNAV (GPS) RWY 32
MC ALLEN INTL (MFE)

⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 1°C (34°F) or above 54°C (130°F). Circling NA northeast of Rwy 14-32. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Weslaco altimeter setting: increase all DA 39 feet and LNAV/VNAV all Cat visibility ¼ mile; increase all MDA 40 feet and LNAV Cat C/D visibility ½ mile. Baro-VNAV and VDP NA when using Weslaco altimeter setting.

MISSED APPROACH: Climb to 800 then climbing right turn to 2000 direct SANCA and hold.

ATIS 128.5	VALLEY APP CON 126.55 377.2	MC ALLEN TOWER * 118.5 (CTAF) 0 256.9	GND CON 121.8	UNICOM 122.95
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800

↑

2000

↷

SANCA

△

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 53).

*LNAV only

FOVUD

GASHS

CUYAN
1.6 NM to RW32

*1 NM to RW32

RW32

*660

1800

2100

GP 3.00°
TCH 50

317°

1 NM

0.6

3.6 NM

6.8 NM

CATEGORY	A		B		C		D	
LPV DA			302-¾		200 (200-¾)			
LNAV/VNAV DA			391-⅞		289 (300-⅞)			
LNAV MDA			480-1		378 (400-1)			
CIRCLING	580-1		473 (500-1)		580-1½ 473 (500-1½)		800-2¼ 693 (700-2¼)	

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

MC ALLEN, TEXAS

AL-985 (FAA)

25275

VOR/DME MFE 117.2 Chan 119	APP CRS 134°	Rwy Ldg 6983 TDZE 107 Apt Elev 107
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VOR RWY 14

MC ALLEN INTL (MFE)

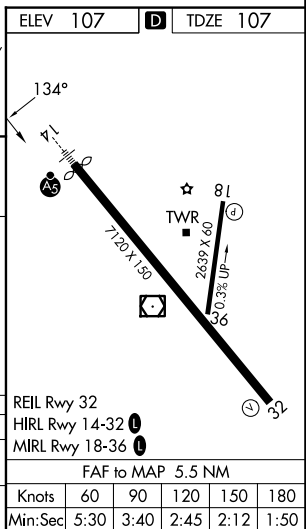
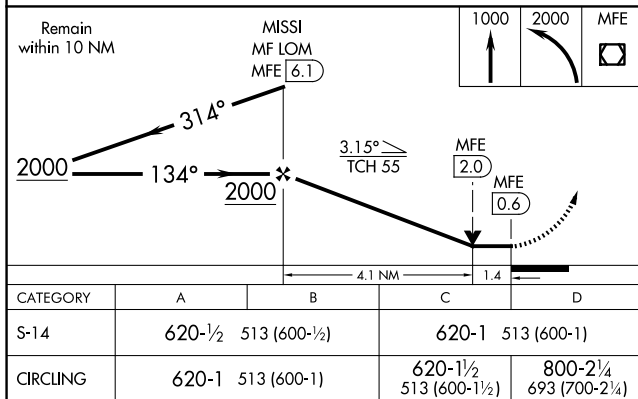
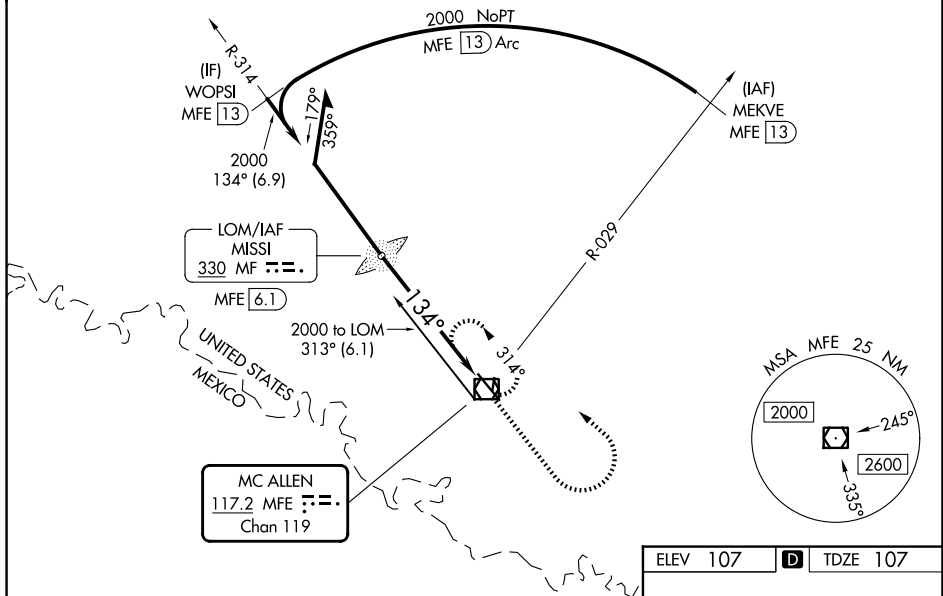
⚠ Circling NA northeast of Rwy 14-32. ADF or DME required. For inop MALSR, increase S-14 Cat C/D visibility to 1½ mile. When local altimeter setting not received, use Weslaco altimeter setting and increase all MDA 40 feet and S-14 Cat C/D and Circling Cat C visibility ½ mile. VDP NA when using Weslaco altimeter setting.



MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct MFE VOR/DME and hold.

ATIS 128.5	VALLEY APP CON 126.55 377.2	MC ALLEN TOWER ★ 118.5 (CTAF) 0 256.9	GND CON 121.8	UNICOM 122.95
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ADF or DME REQUIRED



MC ALLEN, TEXAS
Amdt 16 10DEC15

26°11'N-98°14'W

MC ALLEN INTL (MFE)
VOR RWY 14

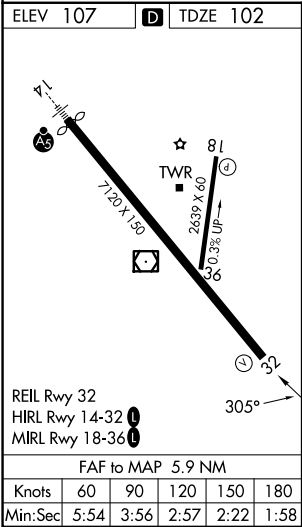
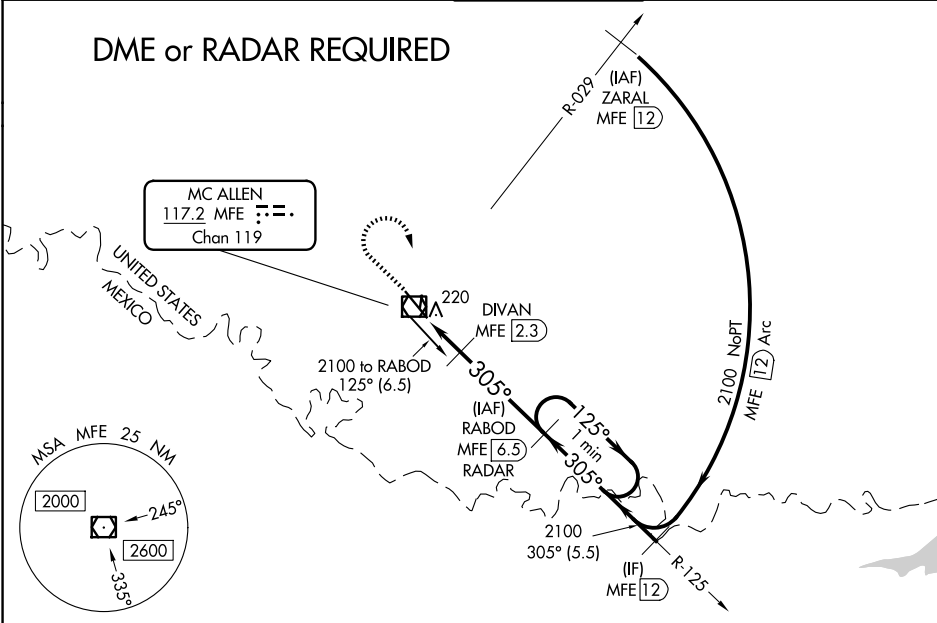
SC-3, 03 SEP 2026 to 29 OCT 2026

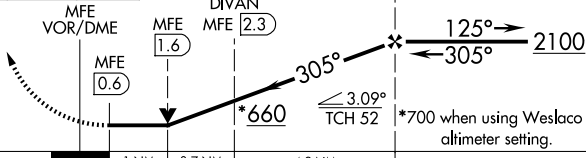
SC-3, 03 SEP 2026 to 29 OCT 2026

VOR/DME MFE	APP CRS	Rwy Ldg
117.2	305°	7120
Chan 119		TDZE 102
		Apt Elev 107

VOR RWY 32
MC ALLEN INTL (MFE)

⚠ Circling NA northeast of Rwy 14-32. When local altimeter setting not received, use Weslaco altimeter setting and increase all MDA 40 feet and S-32 Cat C/D and Circling Cat C visibility 1/8 mile, increase DIVAN Fix Minimums S-32 Cat C/D visibility 1/8 mile. VDP NA when using Weslaco altimeter setting.			MISSED APPROACH: Climb to 900 then climbing right turn to 2100 direct MFE VOR/DME.	
ATIS 128.5	VALLEY APP CON 126.55 377.2	MC ALLEN TOWER★ 118.5 (CTAF) 0 256.9	GND CON 121.8	UNICOM 122.95



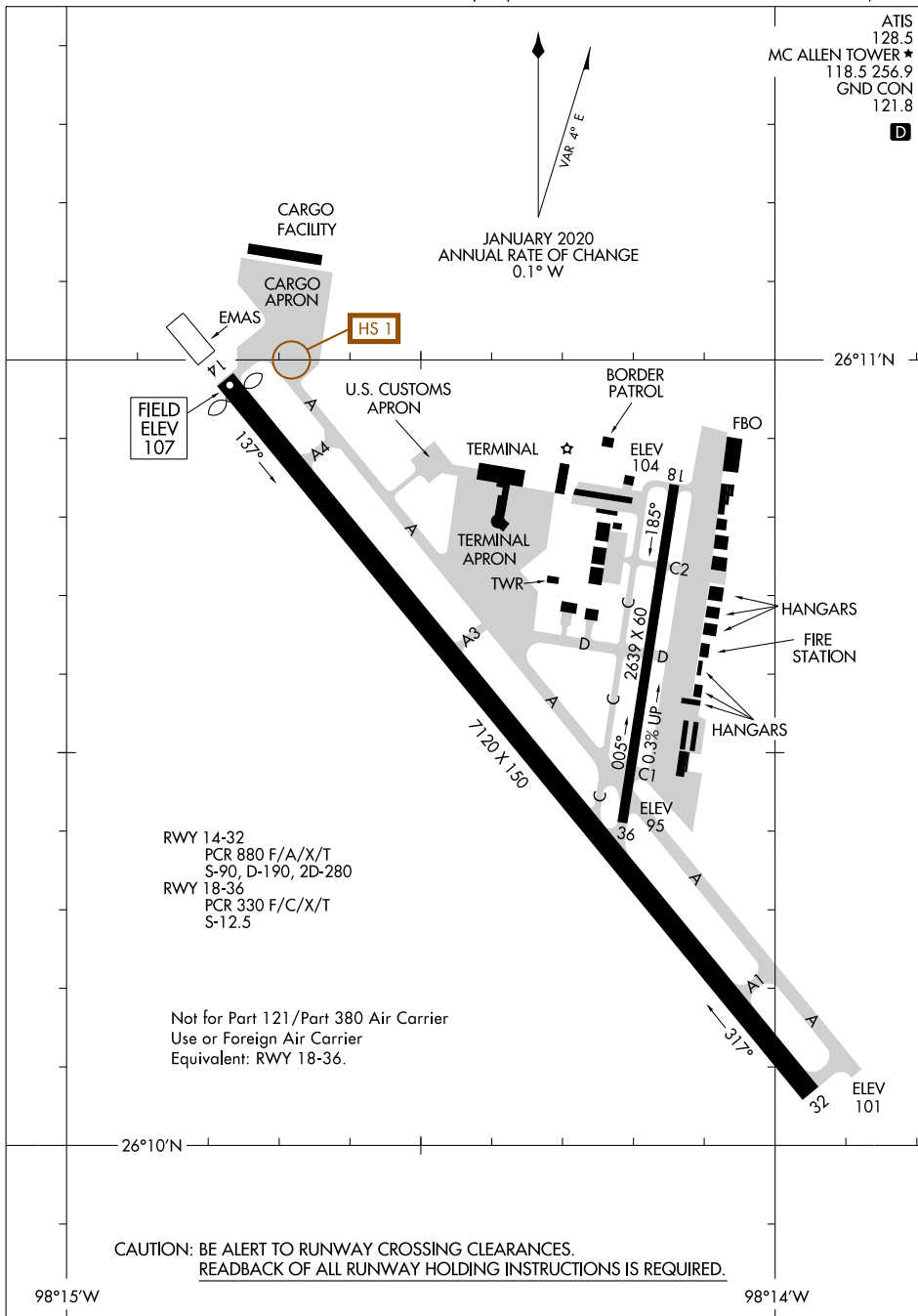
900 ↑	2100 ↗	MFE 	RABOD MFE 6.5 RADAR				One Minute Holding Pattern
							
CATEGORY	A		B		C		D
S-32	660-1 558 (600-1)		660-1½ 558 (600-1½)				
CIRCLING	660-1 553 (600-1)		660-1½ 553 (600-1½)		800-2¼ 693 (700-2¼)		
DIVAN FIX MINIMUMS							
S-32	480-1 378 (400-1)						
CIRCLING	580-1 473 (500-1)		580-1½ 473 (500-1½)		800-2¼ 693 (700-2¼)		

AL-985 (FAA)

MC ALLEN, TEXAS

	ATIS	128.5
MC ALLEN TOWER ★	118.5	256.9
GND CON	121.8	

D



SC-3, 03 SEP 2026 to 29 OCT 2026

MC ALLEN, TEXAS

MC ALLEN INTL (MFE)

WAAS CH 72923 W25A	APP CRS 248°	Rwy Ldg TDZE 2800 Apt Elev 2805
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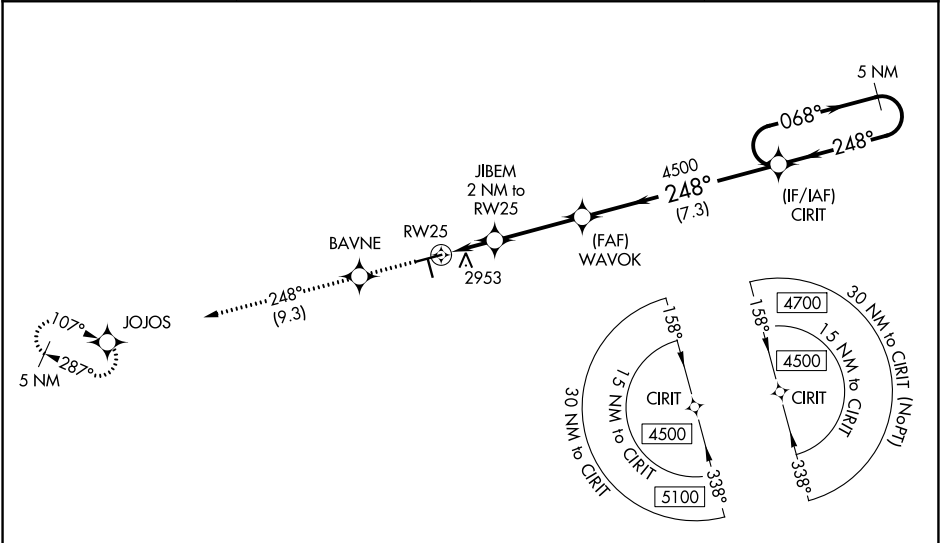
RNAV (GPS) RWY 25
MIDLAND AIRPARK (MDD)

V Baro-VNAV NA when using Midland Intl Air and Space Port altimeter setting.

A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 26°C (78°F). When local altimeter setting not received, use Midland Intl Air and Space Port altimeter setting and increase LPV DA to 3109 and LNAV/VNAV DA to 3172 and all MDA 40 feet, increase LNAV/VNAV all Cats, LNAV Cats C/D and Circling Cat C visibility ¼ SM. When VGSI inop, Straight-in/Circling Rwy 25 procedure NA at night. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 5000 direct BAVNE and on 248° track to JOJOS and hold.

AWOS-3 118.125	MIDLAND APP CON ★ 124.6 290.4	CLNC DEL 121.8	UNICOM 122.7 (CTAF) 0
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ELEV **2805** **D** TDZE **2800**

5000 BAVNE 248° tr JOJOS VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 53). 5 NM Holding Pattern

* LNAV only

JIBEM 2 NM to RW25

RW25

4500

248°

068°

4500

GP 3.00° TCH 47

2 NM 3.2 NM 7.3 NM

CATEGORY	A	B	C	D
LPV DA	3081-1 281 (300-1)			
LNAV/VNAV DA	3144-1 1/8 344 (400-1 1/8)			
LNAV MDA	3220-1 420 (500-1)	3220-1 1/4 420 (500-1 1/4)		
CIRCLING	3320-1 515 (600-1)	3440-1 3/4 635 (700-1 3/4)	3700-3 895 (900-3)	

MIRL Rwy 7-25 and 16-34 0

MIDLAND, TEXAS

AL-6158 (FAA)

26190

WAA CH 58029 W34A	APP CRS 338°	Rwy Ldg TDZE 2801 Apt Elev 2805
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RNAV (GPS) RWY 34

MIDLAND AIRPARK (MDD)

RNP APCH.

⚠ Rwy 34 helicopter visibility reduction below $\frac{3}{4}$ SM NA. Baro-VNAV NA when using Midland Intl altimeter setting. For uncompensated Baro-VNAV systems, procedure NA below -20°C or above 54°C. VDP NA with Midland Intl altimeter setting. When local altimeter setting not received, use Midland Intl altimeter setting and increase LPV DA to 3078 and LNAV/VNAV DA to 3262; increase all MDAs 40 feet and LNAV/VNAV visibility $\frac{1}{8}$ SM all Cats.

MISSED APPROACH:
Climb to 4500 direct
ZEBIB and hold.

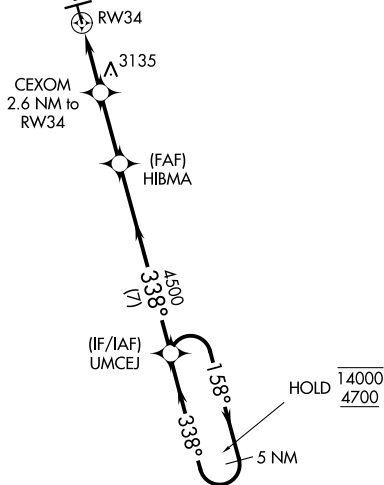
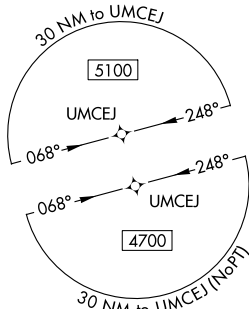
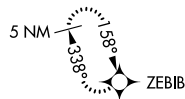
AWOS-3
118.125

MIDLAND APP CON ★
124.6 290.4

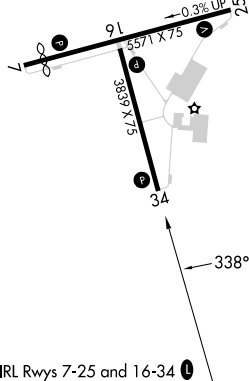
CLNC DEL
121.8

UNICOM
122.7 (CTAF) 0

MISSED APCH FIX



ELEV 2805 **D** TDZE 2801

MRL Rwys 7-25 and 16-34 **0**

4500	ZEBIB	HIBMA	UMCEJ	5 NM Holding Pattern
*LNAV only.	*CEXOM 2.6 NM to RW34	4500	158° → 14000 ← 338° 4700	
	1.8 NM to RW34	3660	4500	GP 3.00° TCH 40
	1.8 NM	0.8	2.6 NM	7 NM
CATEGORY	A	B	C	D
LPV DA	3051- $\frac{7}{8}$	250 (300- $\frac{7}{8}$)	NA	NA
LNAV/VNAV DA	3235-1 $\frac{1}{4}$	434 (500-1 $\frac{1}{4}$)	NA	NA
LNAV MDA	3400-1	599 (600-1)	NA	NA
CIRCLING	3400-1	595 (600-1)	NA	NA

MIDLAND, TEXAS
Orig-B 12AUG21

32°02'N-102°06'W

MIDLAND AIRPARK (MDD)
RNAV (GPS) RWY 34

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-MAF 110.3 Chan 40	APP CRS 105°	Rwy Ldg TDZE Apt Elev	8177 2869 2872
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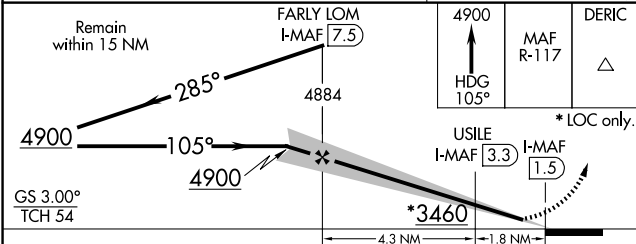
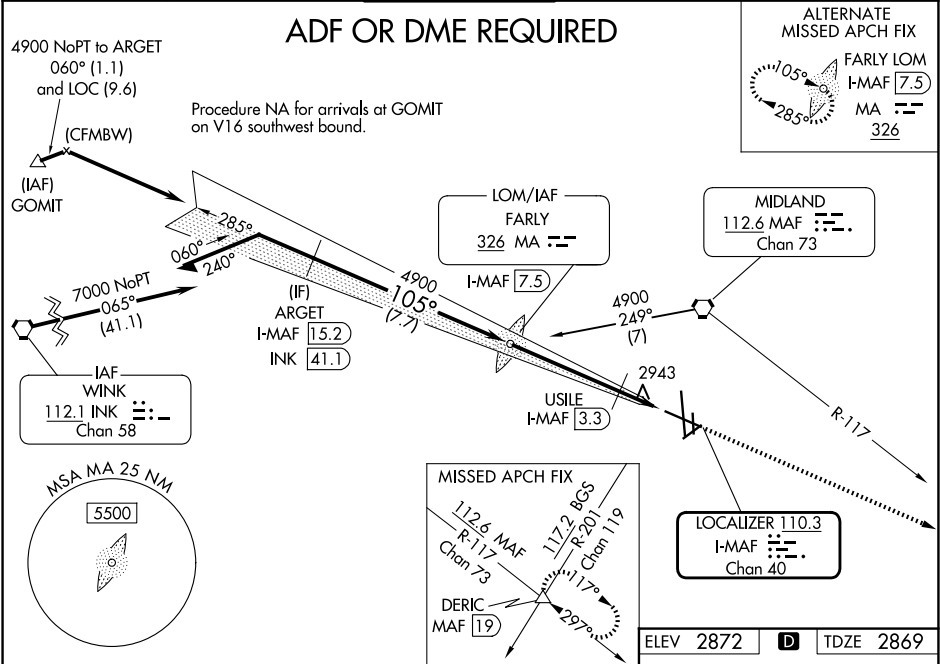
ILS or LOC RWY 10
MIDLAND INTL AIR AND SPACE PORT (MAF)

⚠ Circling Rwy 16L NA at night. For inop ALS, increase S-ILS 10 Cat E visibility to RVR 4000, S-LOC 10 Cat E visibility to 1¼ SM. USILE fix minimums increase S-LOC 10 Cat E visibility to 1% SM. ** RVR 1800 authorized with use of FD or AP or HUD to DA.

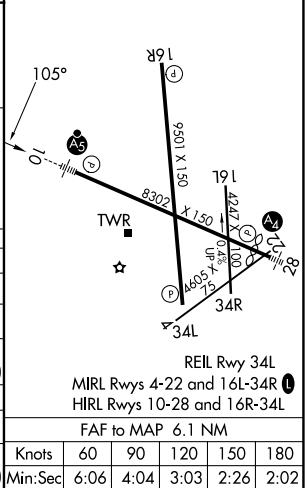
MAISR

MISSED APPROACH: Climb to 4900 on heading 105° and on MAF VORTAC R-117 to DERIC INT/MAF 19 DME and hold.

ATIS 126.8 235.975	MIDLAND APP CON * 124.6 290.4	MIDLAND TOWER * 118.7 (CTAF) 0 273.45	GND CON 121.9 348.6	UNICOM 122.95
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CATEGORY	A	B	C	D	E
S-ILS 10 **	3069/24 200 (200-½)				
S-LOC 10	3460/24	591 (600-½)	3460-1¼	591 (600-1¼)	
CIRCLING	3460-1	588 (600-1)	3460-1¾ 588 (600-1¾)	3520-2 648 (700-2)	3600-2½ 728 (800-2½)
USILE FIX MINIMUMS					
S-LOC 10	3420/24	551 (600-½)	3420/60	551 (600-1¼)	
CIRCLING	3440-1	568 (600-1)	3440-1½ 568 (600-1½)	3520-2 648 (700-2)	3600-2½ 728 (800-2½)



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

MIDLAND, TEXAS

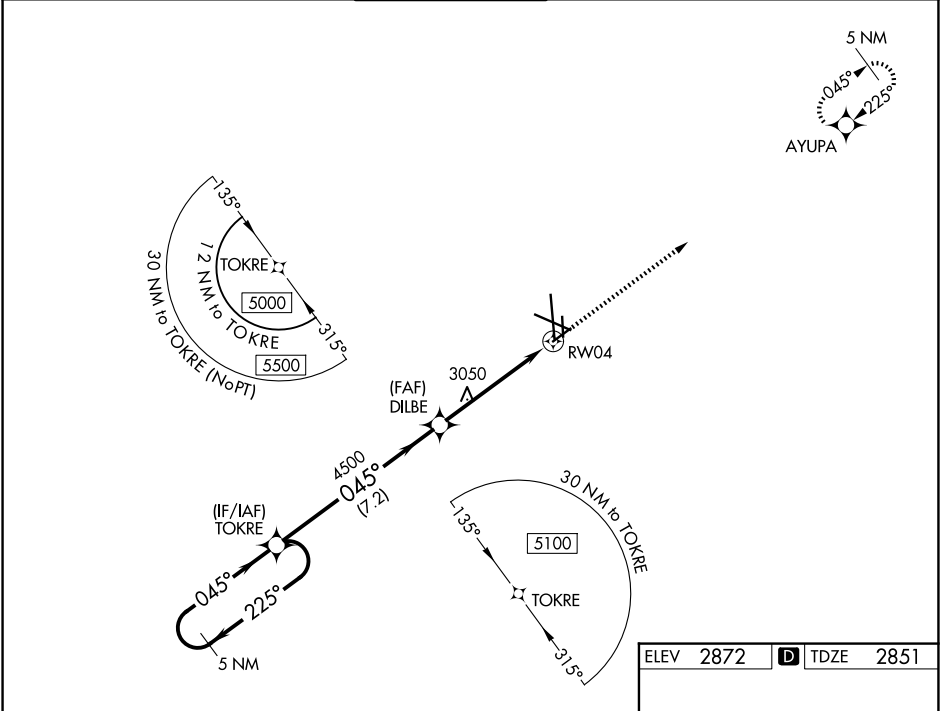
AL-258 (FAA)

25275

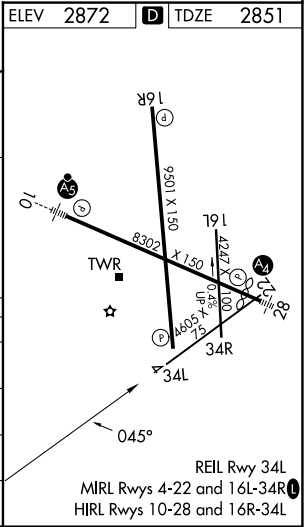
WAAS CH 90529 W04A	APP CRS 045°	Rwy Ldg TDZE Apt Elev 4605 2851 2872
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RNAV (GPS) RWY 4
MIDLAND INTL AIR AND SPACE PORT (M.A.F.)

▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C (13°F) or above 25°C (77°F). Circling Rwy 16L NA at night. Rwy 4 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA.			MISSED APPROACH: Climb to 4700 direct AYUPA and hold.	
ATIS 126.8 235.975	MIDLAND APP CON★ 124.6 290.4	MIDLAND TOWER★ 118.7 (CTAF) 0273.45	GND CON 121.9 348.6	UNICOM 122.95



5 NM Holding Pattern		TOKRE		DILBE		RWY 4	
5000		225°		045°		4500	
GP 3.00°		TCH 45		7.2 NM		3.5 NM	
CATEGORY		A		B		C	
LPV DA		3051-¾		200 (200-¾)			
LNAV/VNAV DA		3283-1½		432 (500-1½)			
LNAV MDA		3360-1 509 (500-1)		3360-1¾ 509 (500-1¾)			
CIRCLING		3440-1 568 (600-1)		3440-1½ 568 (600-1½)		3520-2 648 (700-2)	



MIDLAND, TEXAS
Amdt 1C 22JUN17

31°57'N-102°12'W

MIDLAND INTL AIR AND SPACE PORT (M.A.F.)
RNAV (GPS) RWY 4

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

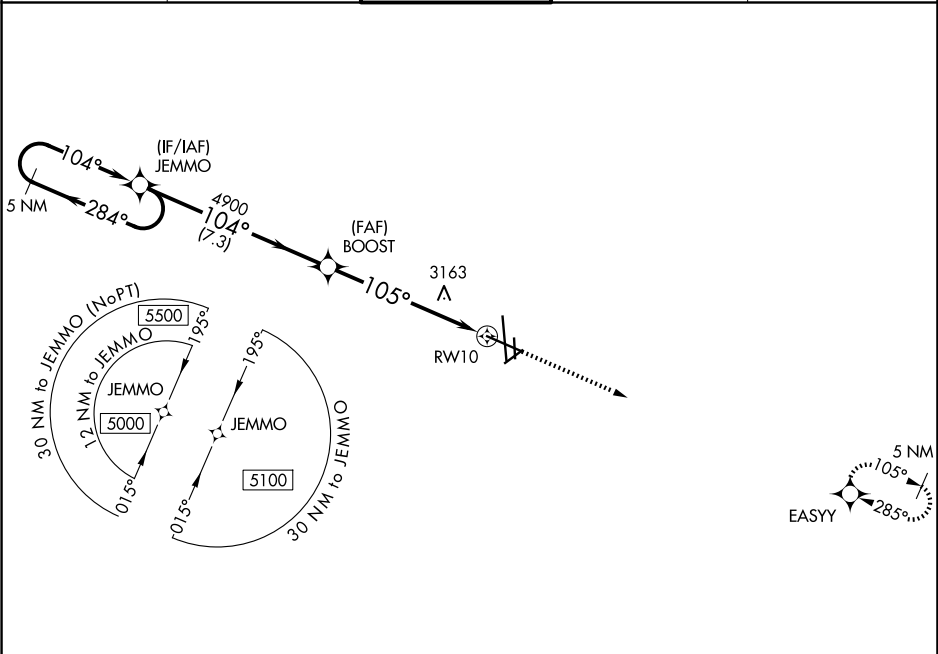
WAAS CH 69310 W10A	APP CRS 105°	Rwy Ldg TDZE 2869 Apt Elev 2872
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RNAV (GPS) RWY 10

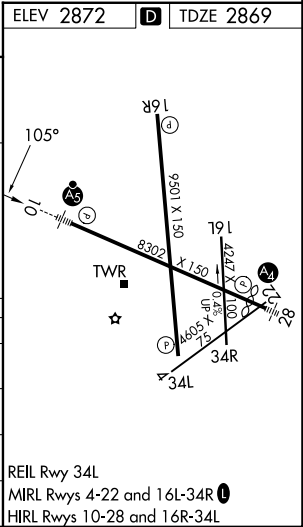
MIDLAND INTL AIR AND SPACE PORT (M.A.F.)

▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C (13°F) or above 25°C (77°F). Circling Rwy 16L NA at night. DME/DME RNP-0.3 NA. ** RVR 1800 authorized with use of FD or AP or HUD to DA.	MALSR MISSED APPROACH: Climb to 4700 direct EASYY and hold.
--	---

ATIS 126.8 235.975	MIDLAND APP CON* 124.6 290.4	MIDLAND TOWER* 118.7 (CTAF) 0273.45	GND CON 121.9 348.6	UNICOM 122.95
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5 NM Holding Pattern				
JEMMO				
5000 ← 284° 104° →				
GP 3.00° TCH 54				
7.3 NM				
4.4 NM				
1.8 NM				
CATEGORY	A	B	C	D
LPV DA **	3069/24 200 (200-½)			
LNAV/VNAV DA	3394-1¼ 525 (600-1¼)			
LNAV MDA	3480/24	611 (700-½)	3480-1⅓	611 (700-1⅓)
CIRCLING	3480-1	608 (700-1)	3480-1¼	3520-2
			608 (700-1¼)	648 (700-2)



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

MIDLAND, TEXAS

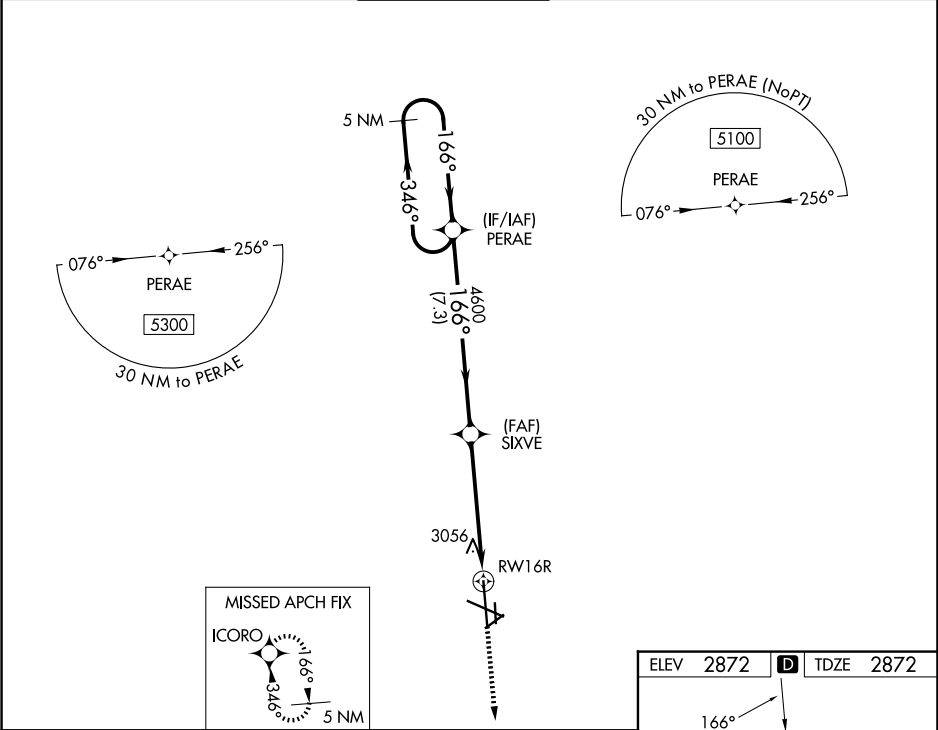
AL-258 (FAA)

25275

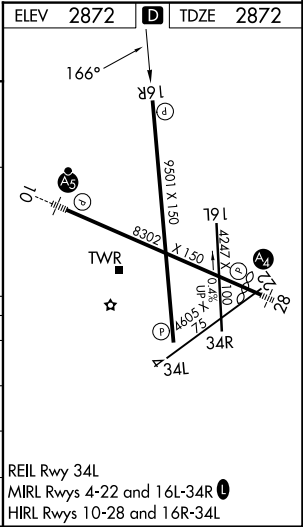
WAAS CH 61329 W16A	APP CRS 166°	Rwy Ldg TDZE Apt Elev	9501 2872 2872
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RNAV (GPS) RWY 16R
MIDLAND INTL AIR AND SPACE PORT (M.A.F.)

T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C (13°F) or above 25°C (77°F). Rwy 16R helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA. Circling Rwy 16L NA at night.			MISSED APPROACH: Climb to 4700 direct ICORO and hold.	
ATIS 126.8 235.975	MIDLAND APP CON* 124.6 290.4	MIDLAND TOWER* 118.7 (CTAF) 273.45	GND CON 121.9 348.6	UNICOM 122.95



5 NM Holding Pattern		PERAE	SIXVE	4700	ICORO
5100 ← 346°		166° →	166°	4600	
GP 3.00° TCH 50			4600	*1.4 NM to RWY16R	*LNAV only
		7.3 NM	3.9 NM	1.4	
CATEGORY	A	B	C	D	
LPV DA	3072-¾		200 (200-¾)		
LNAV/VNAV DA	3398-1¾		526 (600-1¾)		
LNAV MDA	3360-1	488 (500-1)	3360-1¾	488 (500-1¾)	
CIRCLING	3440-1	568 (600-1)	3440-1½	3520-2	648 (700-2)



MIDLAND, TEXAS
Amdt 1B 22JUN17

MIDLAND INTL AIR AND SPACE PORT (M.A.F.)
31°57'N-102°12'W
RNAV (GPS) RWY 16R

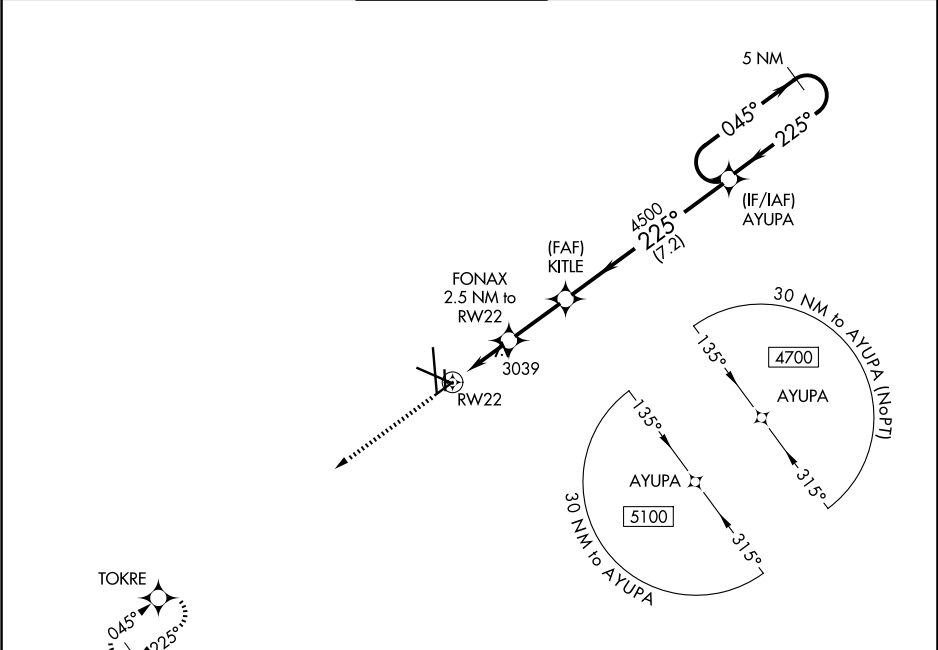
SC-3, 03 SEP 2026 to 29 OCT 2026

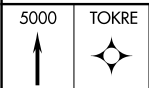
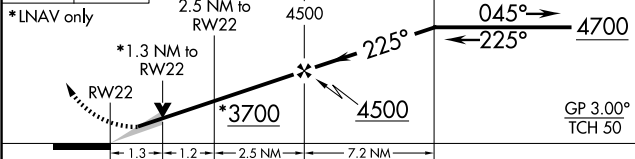
SC-3, 03 SEP 2026 to 29 OCT 2026

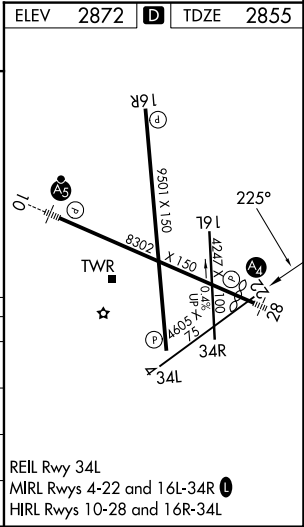
WAAS CH 50429 W22A	APP CRS 225°	Rwy Ldg TDZE 2855 Apt Elev 2872
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RNAV (GPS) RWY 22
MIDLAND INTL AIR AND SPACE PORT (M.A.F.)

RNP APCH. ▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C or above 25°C. Circling Rwy 16L NA at night.		MISSED APPROACH: Climb to 5000 direct TOKRE and hold.		
ATIS 126.8 235.975	MIDLAND APP CON* 124.6 290.4	MIDLAND TOWER* 118.7(CTAF) 0273.45	GND CON 121.9 348.6	UNICOM 122.95



ELEV 2872 D TDZE 2855	
	
*LNAV only	
	
CATEGORY	A B C D
LPV DA	3055-3/4 200 (200-3/4)
LNAV/VNAV DA	3317-13/8 462 (500-13/8)
LNAV MDA	3320-1 465 (500-1) 3320-13/8 465 (500-13/8)
CIRCLING	3440-1 568 (600-1) 3440-11/2 568 (600-11/2) 3520-2 648 (700-2)



MIDLAND, TEXAS

AL-258 (FAA)

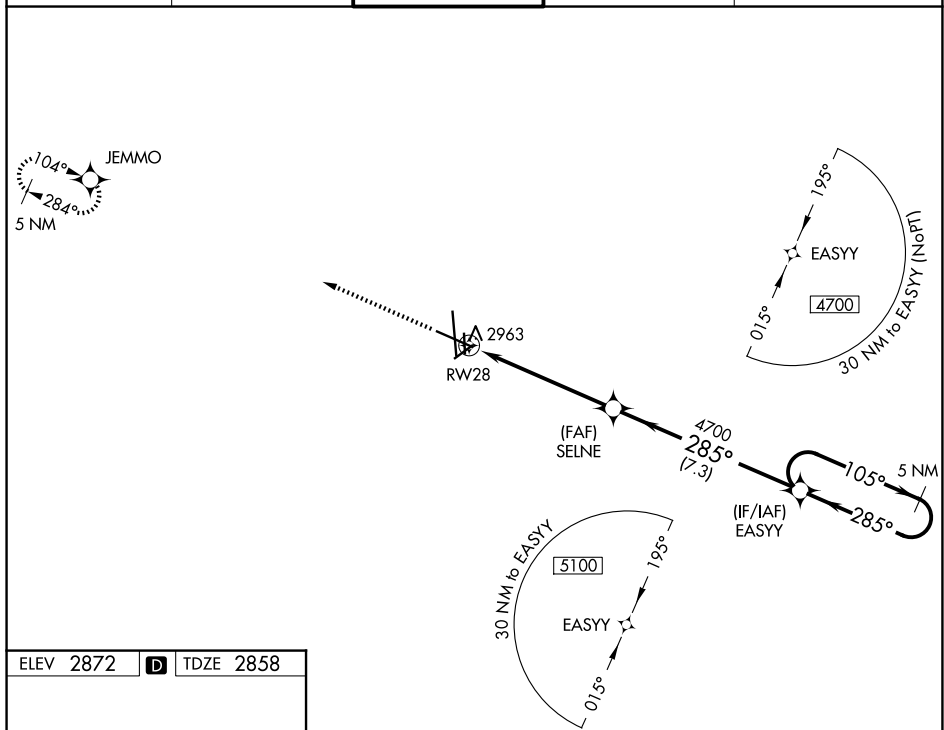
25275

WAAS CH 81816 W28A	APP CRS 285°	Rwy Ldg TDZE 2858 Apt Elev 2872
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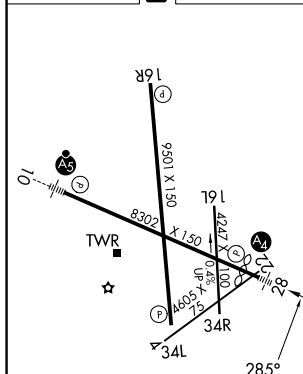
RNAV (GPS) RWY 28

MIDLAND INTL AIR AND SPACE PORT (MAF')

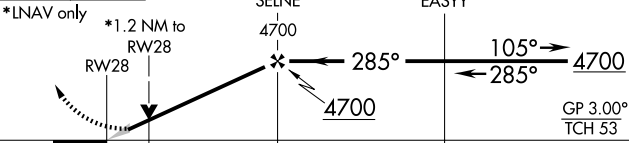
T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C (13°F) or above 25°C (77°F). Circling Rwy 16L NA at night. DME/DME RNP-0.3 NA. Inop table does not apply to LPV all Cnts.		MALS 	MISSED APPROACH: Climb to 5000 direct JEMMO and hold.	
ATIS 126.8 235.975	MIDLAND APP CON★ 124.6 290.4	MIDLAND TOWER★ 118.7 (CTAF) 0273.45	GND CON 121.9 348.6	UNICOM 122.95



ELEV 2872	D	TDZE 2858
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REIL Rwy 34L
MIRL Rwy 4-22 and 16L-34R
HIRL Rwy 10-28 and 16R-34L

5000 ↑ JEMMO 		5 NM Holding Pattern		
*LNAV only				
CATEGORY	A	B	C	D
LPV DA	3058- ³ / ₄ 200 (200- ³ / ₄)			
LNAV/VNAV DA	3271-1 ¹ / ₈ 413 (500-1 ¹ / ₈)			
LNAV MDA	3280- ³ / ₄ 422 (500- ³ / ₄)	3280-1 422 (500-1)		
CIRCLING	3440-1 568 (600-1)	3440-1 ¹ / ₂ 568 (600-1 ¹ / ₂)	3520-2 648 (700-2)	

MIDLAND, TEXAS
Amdt 2B 22/JUN17

MIDLAND INTL AIR AND SPACE PORT (MAF')
31°57'N-102°12'W
RNAV (GPS) RWY 28

25275

RNAV (GPS) RWY 34L
MIDLAND INTL AIR AND SPACE PORT (MAF)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C (13°F) or above 26°C (78°F). Circling Rwy 16L NA at night. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 5100 direct PERAE and hold.

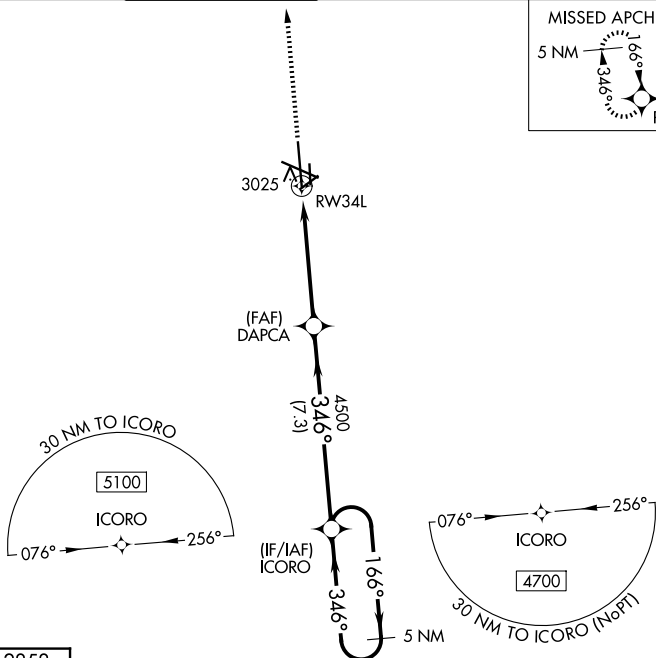
MISSED APCH FIX

5 NM

166°

346°

PERAE



The diagram illustrates the experimental setup geometry. It features a central point 'A' connected by lines to several other points: 'B' (distance 9.801 x 1.50), 'C' (distance 6.302), 'D' (distance 1.91), 'E' (distance 4.827 x 1.00), 'F' (distance 4.605 x 1.00), and 'G'. Other points include 'H', 'I', 'J', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', and 'Z'. Angles of 34° and 346° are indicated relative to a horizontal reference line. A dashed line segment is labeled '10'. The diagram also shows a vertical axis and a horizontal axis.

REIL Rwy 34L
MIRL Rwys 4-22 and 16L-34R
HIRL Rwys 10-28 and 16R-34L

[illegible]

MIDLAND, TEXAS
Amdt 1B 22JUN17

MIDLAND INTL AIR AND SPACE PORT (MAF)

RNAV (GPS) RWY 34L

31°57'N-102°12'W

323

SC-3, 03 SEP 2026 to 29 OCT 2026

VOR or TACAN RWY 16R
MIDLAND INTL AIR AND SPACE PORT (MAF)

MISSED APPROACH: Climbing left turn to 4800 on heading 090° and on MAF VORTAC R-117 to DERJC INT/MAF 19 DME and hold.

[illegible]

	MAF R-117	DERIC △	VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 50).				Remain within 10 NM
CATEGORY	A	B	C	D	E		
S-16R	3400-1	528 (600-1)		3400-1½	528 (600-1½)		
CIRCLING	3440-1	568 (600-1)		3440-1½ 568 (600-1½)	3520-2 648 (700-2)	3600-2½ 728 (800-2½)	

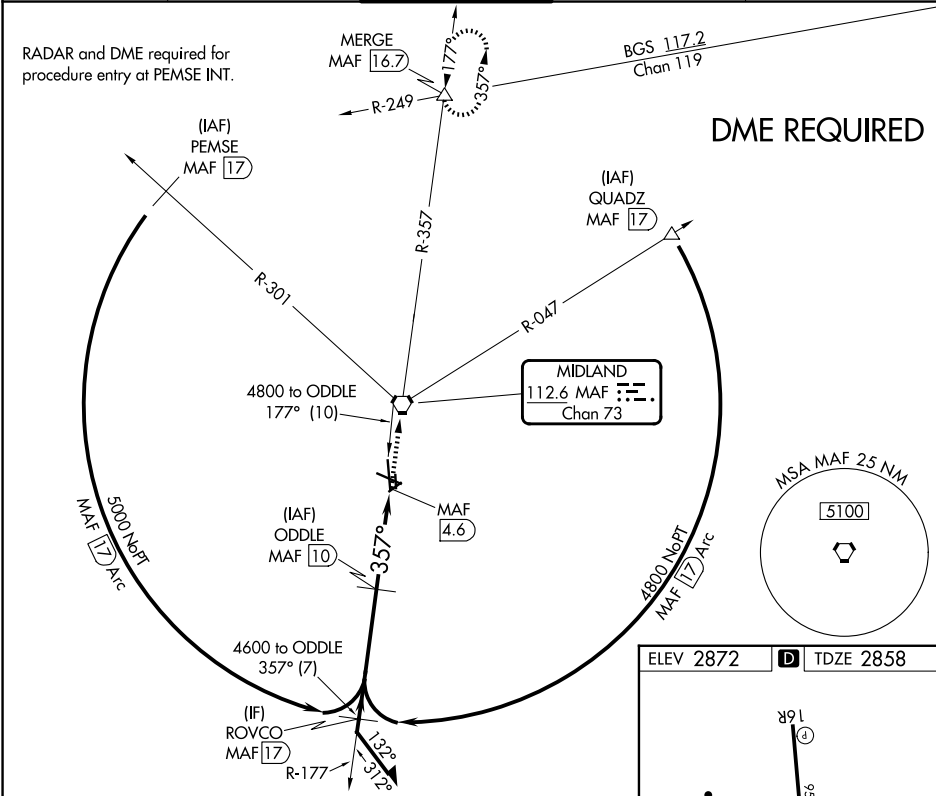
MIDLAND INTL AIR AND SPACE PORT (MAF)
VOR or TACAN RWY 16R

VORTAC MAF 112.6 Chan 73	APP CRS 357°	Rwy Ldg TDZE Apt Elev 9501 2858 2872
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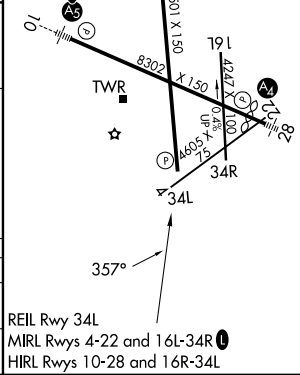
VOR or TACAN RWY 34L
MIDLAND INTL AIR AND SPACE PORT (MAF)

⚠ Circling Rwy 16L NA at night. Rwy 34L helicopter visibility reduction below ¾ SM NA. DME required.	MISSED APPROACH: Climb to 4800 direct MAF VORTAC and on MAF VORTAC R-357 to MERGE INT/MAF 16.7 DME and hold.
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ATIS 126.8 235.975	MIDLAND APP CON★ 124.6 290.4	MIDLAND TOWER★ 118.7 (CTAF) 0273.45	GND CON 121.9 348.6	UNICOM 122.95
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Remain within 10 NM					
Procedure turn not authorized for Cat E.					
CATEGORY	A	B	C	D	E
S-34L	3320-1	462 (500-1)	3320-1 ¾	462 (500-1 ¾)	
CIRCLING	3440-1	568 (600-1)	3440-1 ½ 568 (600-1 ½)	3520-2 648 (700-2)	3600-2 ½ 728 (800-2 ½)



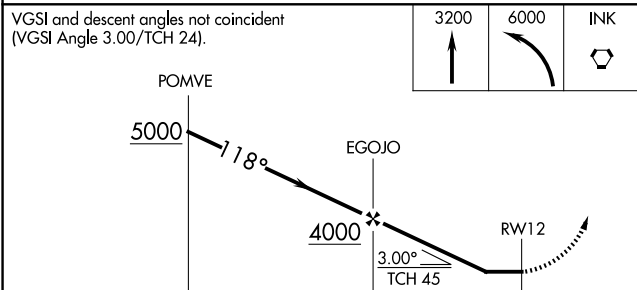
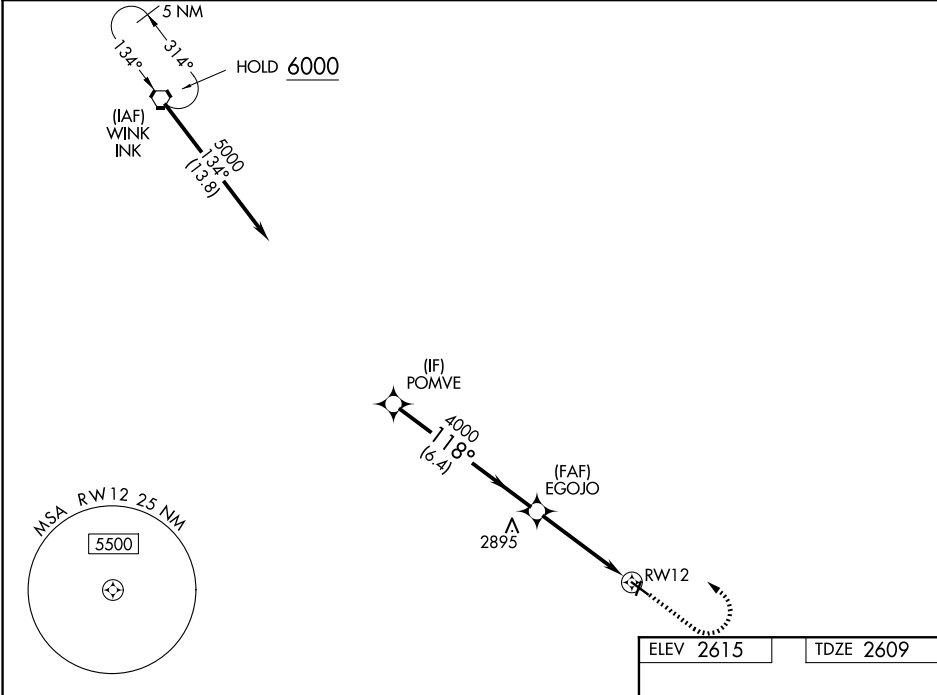


WAAS CH 57927 W12A	APP CRS 118°	Rwy Ldg TDZE 2609 Apt Elev 2615
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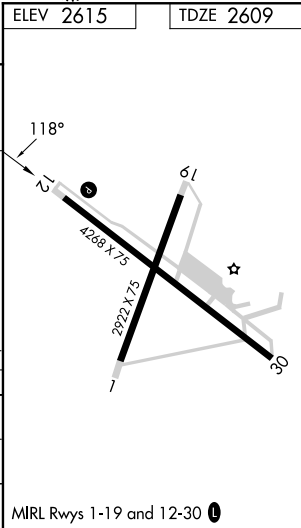
RNAV (GPS) RWY 12
ROY HURD MEML (E01)

RNP APCH GPS. ▼ When local altimeter setting not received, use INK altimeter setting and increase all MDAs 80 feet and LNAV visibility Cat C 3/8 SM, and LP visibility Cat C 1/2 SM, and ▲ Circling visibility Cat C 1/2 SM. Rwy 12 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 12 NA at night, Circling Rwy 1, 12, 19 NA at night.	MISSED APPROACH: Climb to 3200 then climbing left turn to 6000 direct INK VORTAC and hold.
--	--

AWOS-3PT 118.225	FORT WORTH CENTER 133.1 298.95	UNICOM 122.8 (CTAF) 0
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CATEGORY	A	B	C	D
LP MDA	3100-1	491 (500-1)	3100-1 3/8 491 (500-1 3/8)	NA
LNAV MDA	3120-1	511 (600-1)	3120-1 3/8 511 (600-1 3/8)	NA
CIRCLING	3280-1	665 (700-1)	3280-1 3/4 665 (700-1 3/4)	NA



MONAHAN, TEXAS

AL-6748 (FAA)

26078

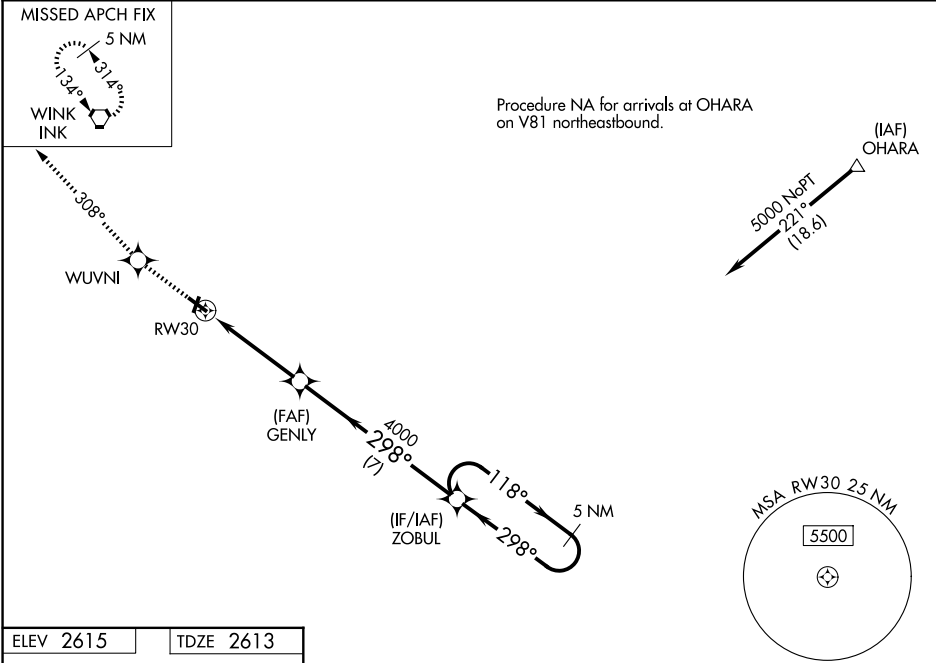
WAAS CH 78027 W30A	APP CRS 298°	Rwy Ldg TDZE 2613 Apt Elev 2615
--	------------------------	---

RNAV (GPS) RWY 30

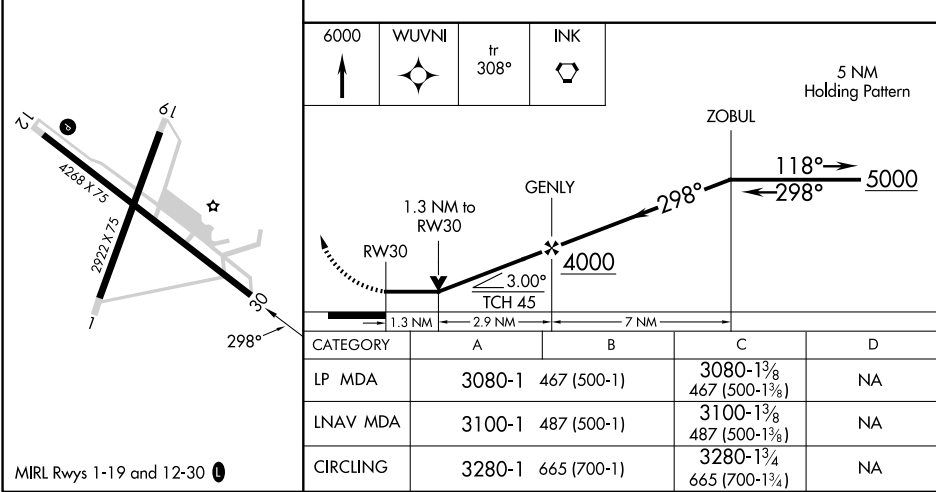
ROY HURD MEML (E01)

RNP APCH GPS	MISSED APPROACH: Climb to 6000 direct WUVNI and on track 308 to INK VORTAC and hold.
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AWOS-3PT 118.225	FORT WORTH CENTER 133.1 298.95	UNICOM 122.8 (CTAF) 0
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ELEV 2615	TDZE 2613
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MONAHAN, TEXAS

Orig-B 12JUN25

31°35' N-102°55' W

ROY HURD MEML (E01)

RNAV (GPS) RWY 30

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 82435 W13A	APP CRS 128°	Rwy Ldg TDZE Apt Elev	6503 658 658
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RNAV (GPS) RWY 13
NEW BRAUNFELS NTL (BAZ)

RNP APCH

⚠ When local alimeter setting not received, use San Marcos Rgnl alimeter setting; increase LPV DA to 951 feet, LNAV/VNAV DA to 1169 feet; increase all MDAs 60 feet and visibility LNAV and Circling Cat C/D ¼ SM. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -6°C (22°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using San Marcos altimeter setting. For inop ALS, increase LNAV/VNAV visibility to 1½ SM. Inop table does not apply to LPV all Cats and LNAV Cats A/B. For inop ALS when using San Marcos Rgnl altimeter setting, increase LPV all Cats visibility to ½ SM and LNAV/VNAV all Cats visibility to 1½ SM. When using San Marcos Rgnl altimeter setting, inop table does not apply to LNAV Cats A/B.

MALS



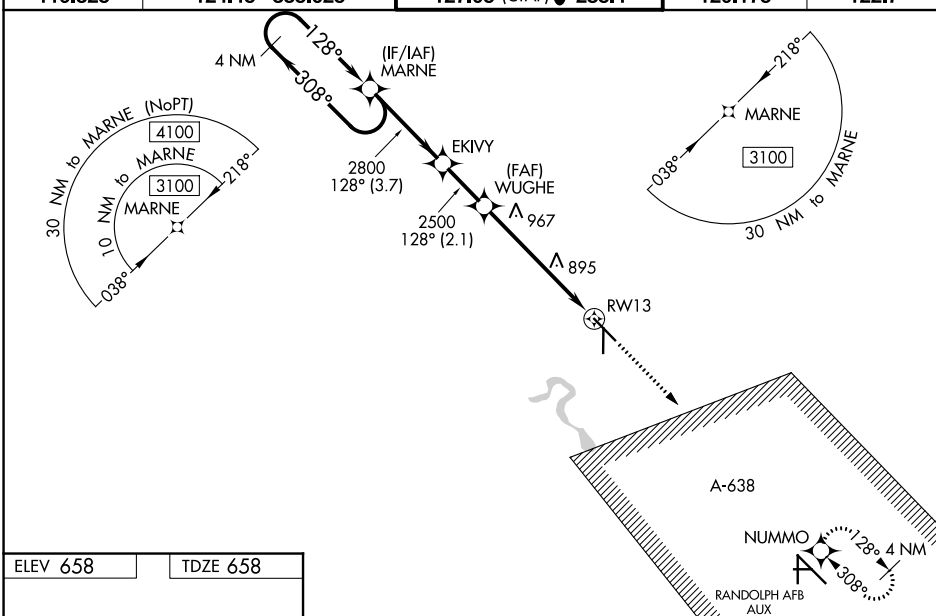
MISSED APPROACH:
Climb to 3500 direct
NUMMO and hold,
continue climb-in-hold
to 3500.

ATIS
119.325

SAN ANTONIO APP CON
124.45 335.625

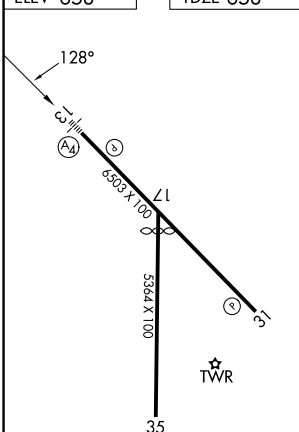
NEW BRAUNFELS TOWER ★
127.05 (CTAF) **L** 285.4

GND CON
120-175

UNICOM
122.7

ELEV 6.58

TDZE 658



REIL Rwy 13
MIRL Rwy 13-31 and 17-35 **L**

NEW BRAUNFELS, TX
Amdt 1A 08NOV18

29°42'N-98°02'W

329

NEW BRAUNFELS NTL (BAZ)

RNAV (GPS) RWY 13

SC-3, 03 SEP 2026 to 29 OCT 2026

[illegible]

NEW BRAUNFELS, TEXAS

AL-6080 (FAA)

26190

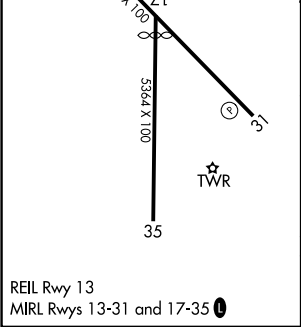
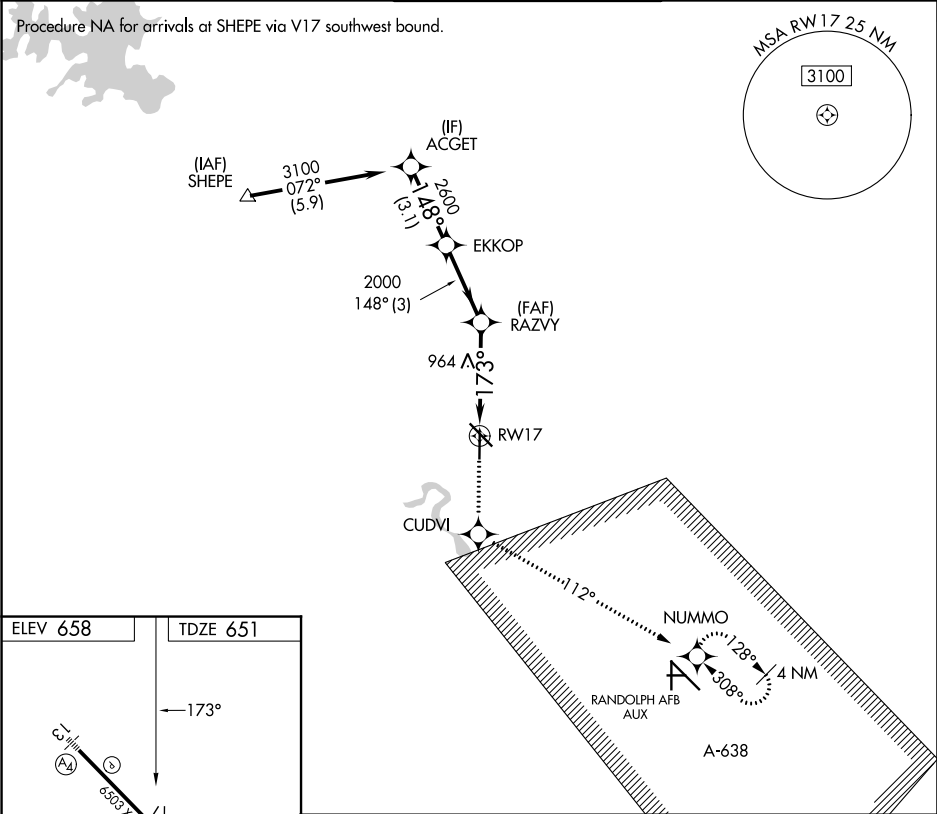
APP CRS	Rwy Ldg	4842
173°	TDZE	651
	Apt Elev	658

RNAV (GPS) RWY 17

NEW BRAUNFELS NTL (BAZ)

RNP APCH.	MISSED APPROACH: Climb to 3500 direct CUDVI and via 112° track to NUMMO and hold, continue climb-in-hold to 3500.
When local altimeter setting not received, use San Marcos Rgnl altimeter setting and increase all MDAs 60 feet and visibility Cat C ¼ SM. VDP NA when using San Marcos Rgnl altimeter setting.	

ATIS 119.325	SAN ANTONIO APP CON 124.45 335.625	NEW BRAUNFELS TOWER★ 127.05 (CTAF) 285.4	GND CON 120.175	UNICOM 122.7
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3500	CUDVI	tr 112°	NUMMO
ACGET			
EKKOP			
Procedure Turn NA			
RW17			
1.6 NM to RW17			
3.03° TCH 45			
2000			
1.6 NM			
2.5 NM			
3 NM			
3.1 NM			
CATEGORY	A	B	C
LNAV MDA	1220-1	569 (600-1)	1220-1½
			569 (600-1½)

NEW BRAUNFELS, TEXAS
Orig-B 07NOV19

29°42'N-98°02'W

NEW BRAUNFELS NTL (BAZ)

RNAV (GPS) RWY 17

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

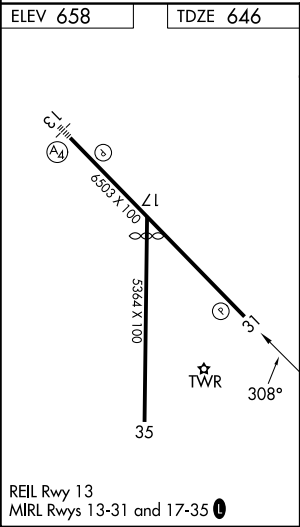
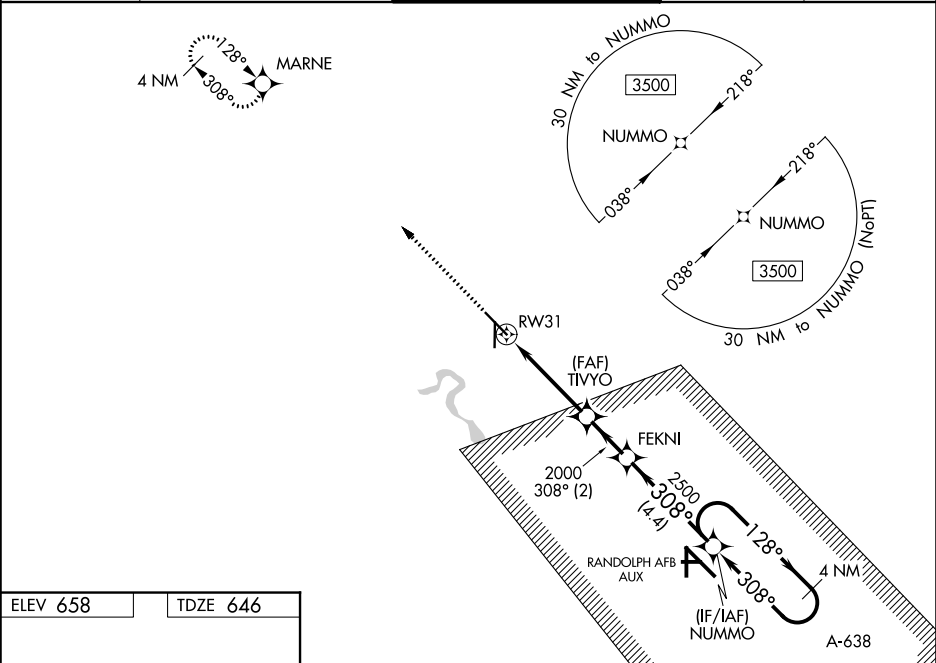
WAAS CH 86435 W31A	APP CRS 308°	Rwy Ldg TDZE 646 Apt Elev 658
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RNAV (GPS) RWY 31
NEW BRAUNFELS NTL (BAZ)

⚠ DME/DME RNP-0.3 NA. When local altimeter setting not received, use San Marcos altimeter setting and increase all DA 43 feet and all MDA 60 feet, and increase LPV all Cats, LNAV/VNAV all Cats, and Circling Cats C and D visibility ¼ mile, and LNAV Cats C and D visibility ⅓ mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C (23°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using San Marcos altimeter setting. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH:
Climb to 3100 direct MARNE and hold.

ATIS 119.325	SAN ANTONIO APP CON 124.45 335.625	NEW BRAUNFELS TOWER ★ 127.05 (CTAF) 0 285.4	GND CON 120.175	UNICOM 122.7
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3100	MARNE	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 50).			
* LNAV only.		TIVYO	FEKNI	NUMMO	4 NM Holding Pattern
* 1.2 NM to RWY 31		2000	2500	3500	GP 3.00° TCH 45
1.2 NM		2.9 NM	2 NM	4.4 NM	
CATEGORY	A	B	C	D	
LPV DA	896-¾		250 (300-¾)		
LNAV/VNAV DA	1068-1¾		422 (500-1¾)		
LNAV MDA	1080-1	434 (500-1)	1080-1¼	434 (500-1¼)	
CIRCLING	1100-1 442 (500-1)	1240-1 582 (600-1)	1280-1¾ 622 (700-1¾)	1320-2 662 (700-2)	

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

NEW BRAUNFELS, TEXAS

AL-6080 (FAA)

26190

WAAS CH 93900 W35A	APP CRS 353°	Rwy Ldg TDZE Apt Elev	5364 650 658
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RNAV (GPS) RWY 35

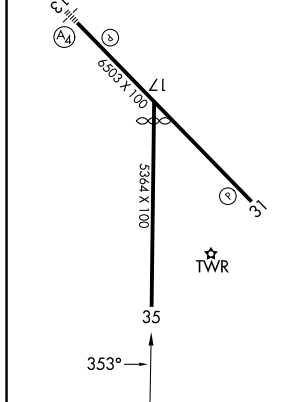
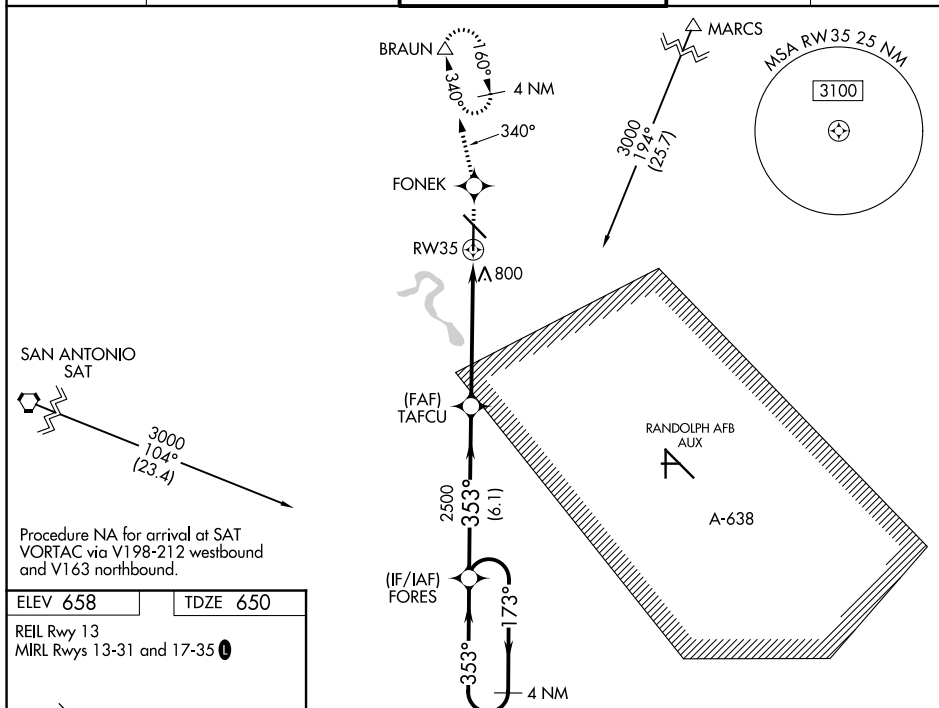
NEW BRAUNFELS NTL (BAZ)

RNP APCH.

When local altimeter setting not received, use San Marcos Rgnl altimeter setting; increase LPV DA to 972 feet, LNAV/VNAV DA to 1153 feet; increase all MDAs 60 feet and visibility LNAV Cat C and D ¼ SM. Baro-VNAV and VDP NA when using San Marcos Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F).

MISSED APPROACH: Climb to 3100 direct FONEK and via 340° track to BRAUN and hold, continue climb-in-hold to 3100.

ATIS 119.325	SAN ANTONIO APP CON 124.45 335.625	NEW BRAUNFELS TOWER ★ 127.05 (CTAF) 285.4	GND CON 120.175	UNICOM 122.7
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4 NM Holding Pattern	FORES	3100	FONEK	BRAUN
3000	173°	353°	340°	△
GP 3.00°	TCH 45			
	6.1 NM	4.2 NM	1.4 NM	
CATEGORY	A	B	C	D
LPV DA	929-1	279 (300-1)		
LNAV/VNAV DA	1110-1¾	460 (500-1¾)		
LNAV MDA	1140-1 490 (500-1)	1140-1¾ 490 (500-1¾)	1140-1½ 490 (500-1½)	

NEW BRAUNFELS, TEXAS

Amdt 2B 07NOV19

29°42'N-98°02'W

NEW BRAUNFELS NTL (BAZ)

RNAV (GPS) RWY 35

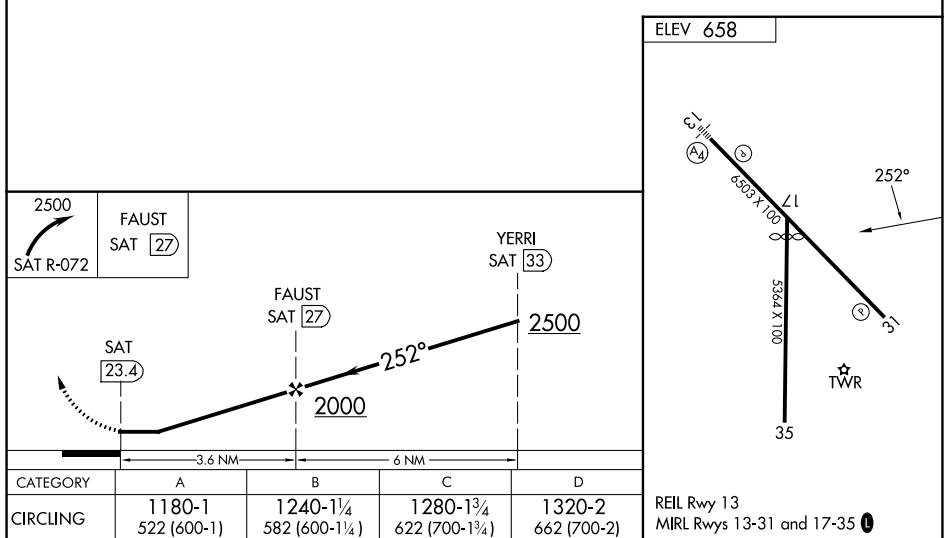
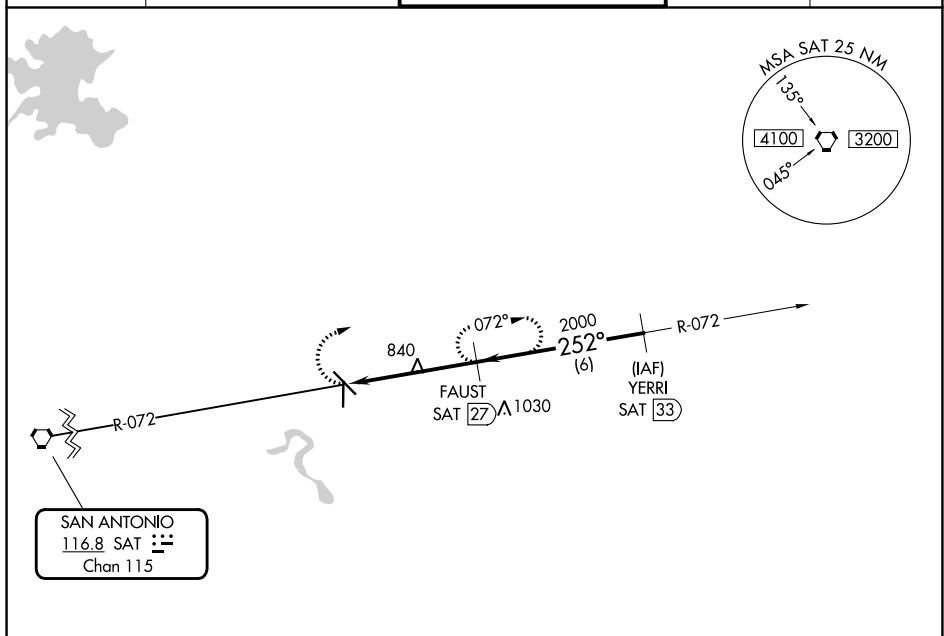
SC-3, 03 SEP 2026 to 29 OCT 2026

26190

VOR/DME-A
NEW BRAUNFELS NTL (BAZ)

MISSED APPROACH: Climbing right turn to 2500 on SAT R-072 to FAUST/27 DME and hold.

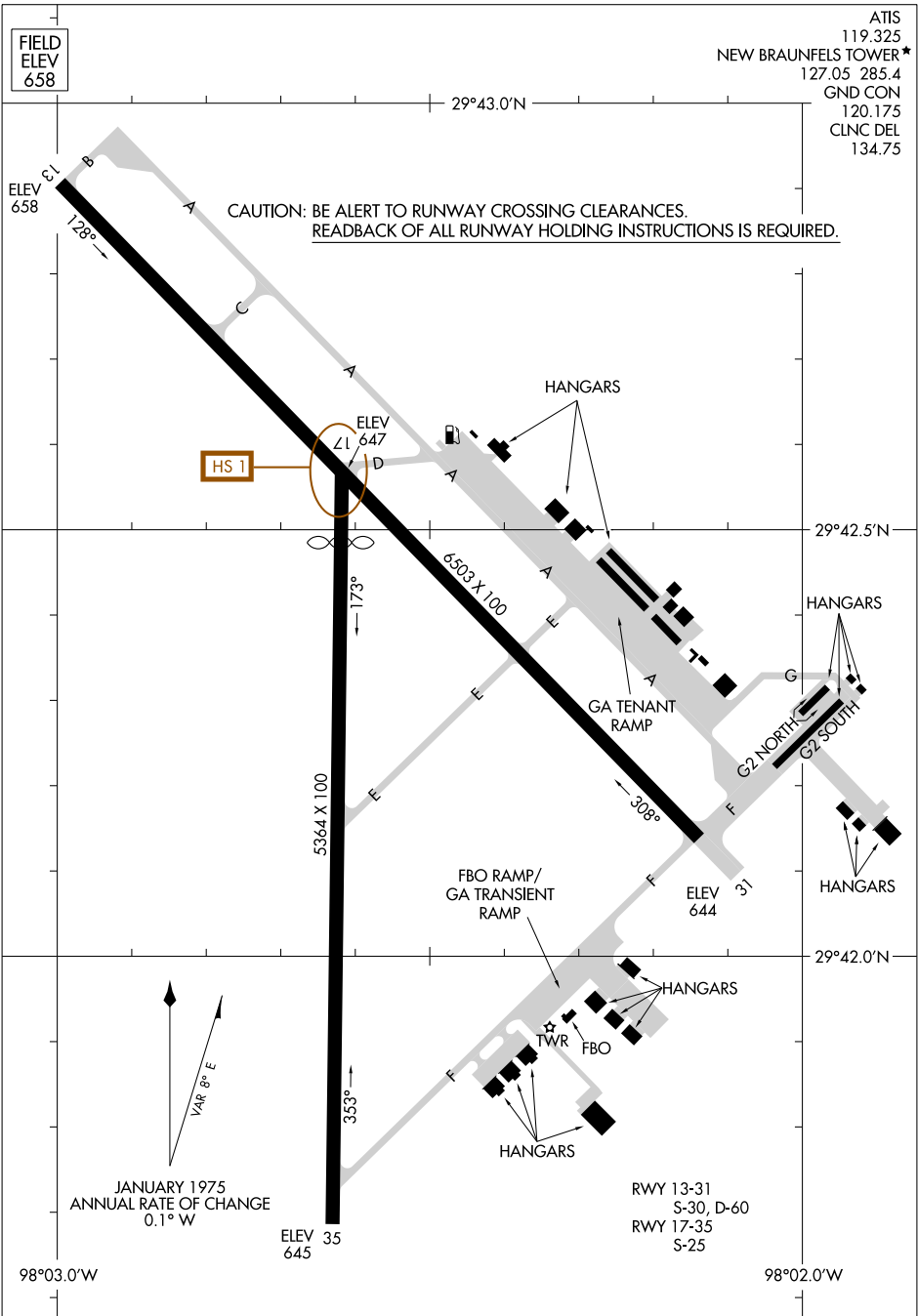
ATIS 119.325	SAN ANTONIO APP CON 124.45 335.625	NEW BRAUNFELS TOWER ★ 127.05 (CTAF) 0 285.4	GND CON 120.175	UNICOM 122.7
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29°42'N-98°02'W
333

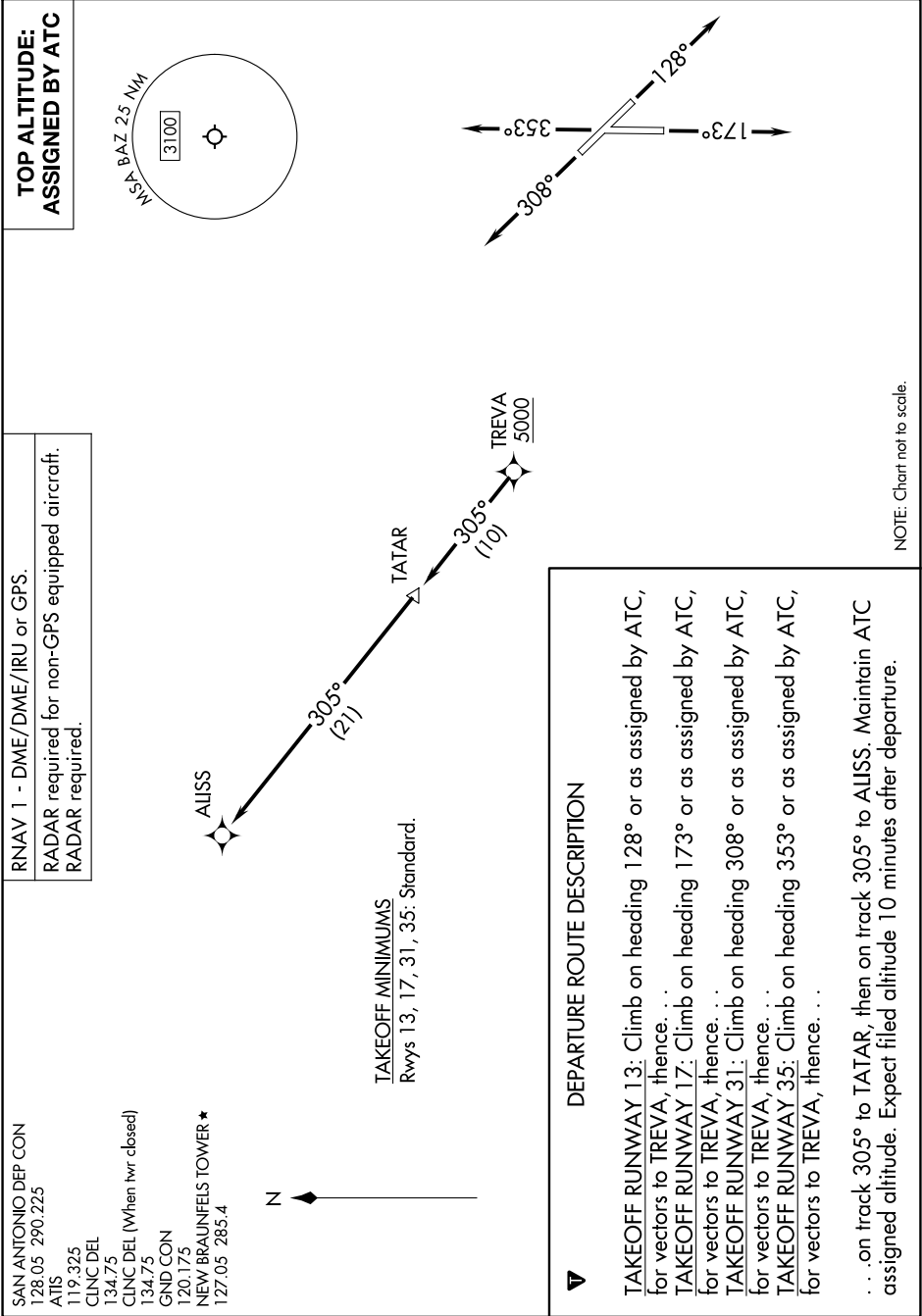
NEW BRAUNFELS NTL (BAZ)
VOR/DME-A

SC-3, 03 SEP 2026 to 29 OCT 2026



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



(SLENA2.SLENA) 25219

AL-6080 (FAA)

NEW BRAUNFELS NTL (BAZ)
NEW BRAUNFELS, TEXAS

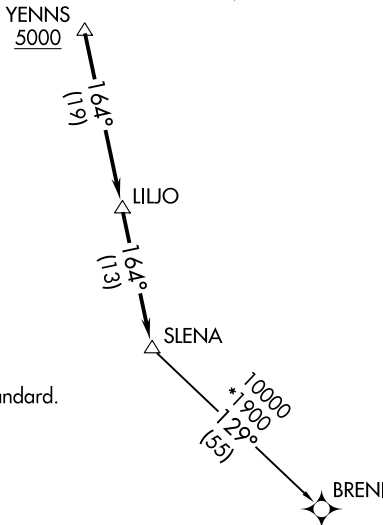
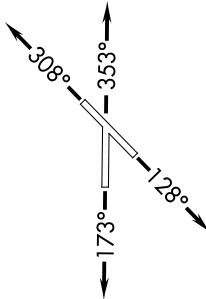
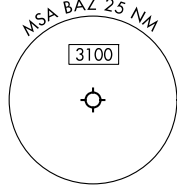
SLENA TWO DEPARTURE (RNAV)

SAN ANTONIO DEP CON
128.05 290.225
ATIS
119.325
CLNC DEL
134.75
CLNC DEL (When twr closed)
134.75
GND CON
120.175
NEW BRAUNFELS TOWER ★
127.05 285.4

RNAV 1 - DME/DME/IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

TOP ALTITUDE:
ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 13, 17, 31, 35: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 13: Climb on heading 128° or as assigned by ATC, for vectors to YENNS. Thence. . .
- TAKEOFF RUNWAY 17: Climb on heading 173° or as assigned by ATC, for vectors to YENNS. Thence. . .
- TAKEOFF RUNWAY 31: Climb on heading 308° or as assigned by ATC, for vectors to YENNS. Thence. . .
- TAKEOFF RUNWAY 35: Climb on heading 353° or as assigned by ATC, for vectors to YENNS. Thence. . .

. . . on track 164° to LILJO, then on track 164° to SLENA, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

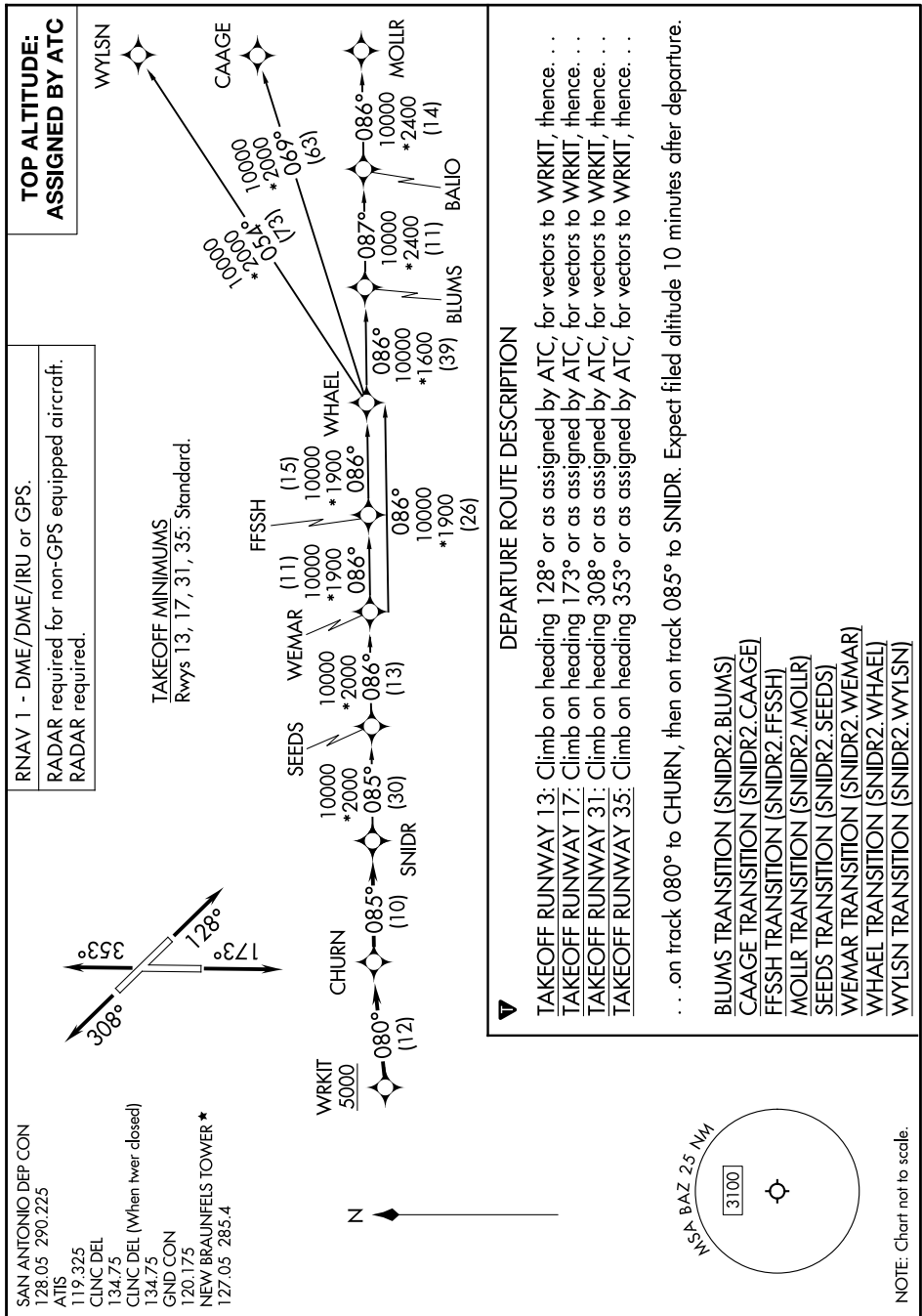
BRENI TRANSITION (SLENA2.BRENI)

SLENA TWO DEPARTURE (RNAV)

(SLENA2.SLENA) 07AUG25

NEW BRAUNFELS, TEXAS
NEW BRAUNFELS NTL (BAZ)

SNIDR TWO DEPARTURE (RNAV)



(TJANO2.TJANO) 25219

AL-6080 (FAA)

NEW BRAUNFELS NTL (BAZ)
NEW BRAUNFELS, TEXAS

TJANO TWO DEPARTURE (RNAV)

SAN ANTONIO DEP CON
128.05 290.225
ATIS
119.325
CLNC DEL
134.75
CLNC DEL (When twr closed)
134.75
GND CON
120.175
NEW BRAUNFELS TOWER★
127.05 285.4

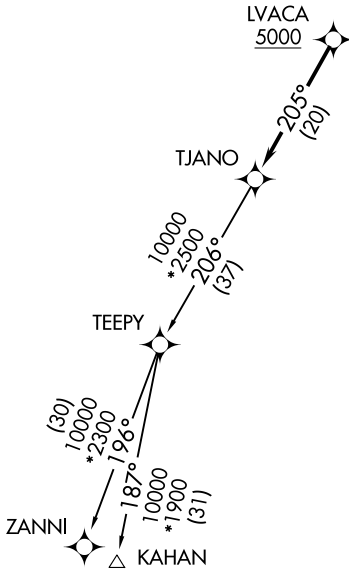
RNAV 1 - DME/DME IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

**TOP ALTITUDE:
ASSIGNED BY ATC**

TAKEOFF MINIMUMS

Rwys 13, 17, 31, 35: Standard.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 128° or as assigned by ATC, for vectors to LVACA, thence. . .

TAKEOFF RUNWAY 17: Climb on heading 173° or as assigned by ATC, for vectors to LVACA, thence. . .

TAKEOFF RUNWAY 31: Climb on heading 308° or as assigned by ATC, for vectors to LVACA, thence. . .

TAKEOFF RUNWAY 35: Climb on heading 353° or as assigned by ATC, for vectors to LVACA, thence. . .

. . . on track 205° to TJANO, then on transition. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

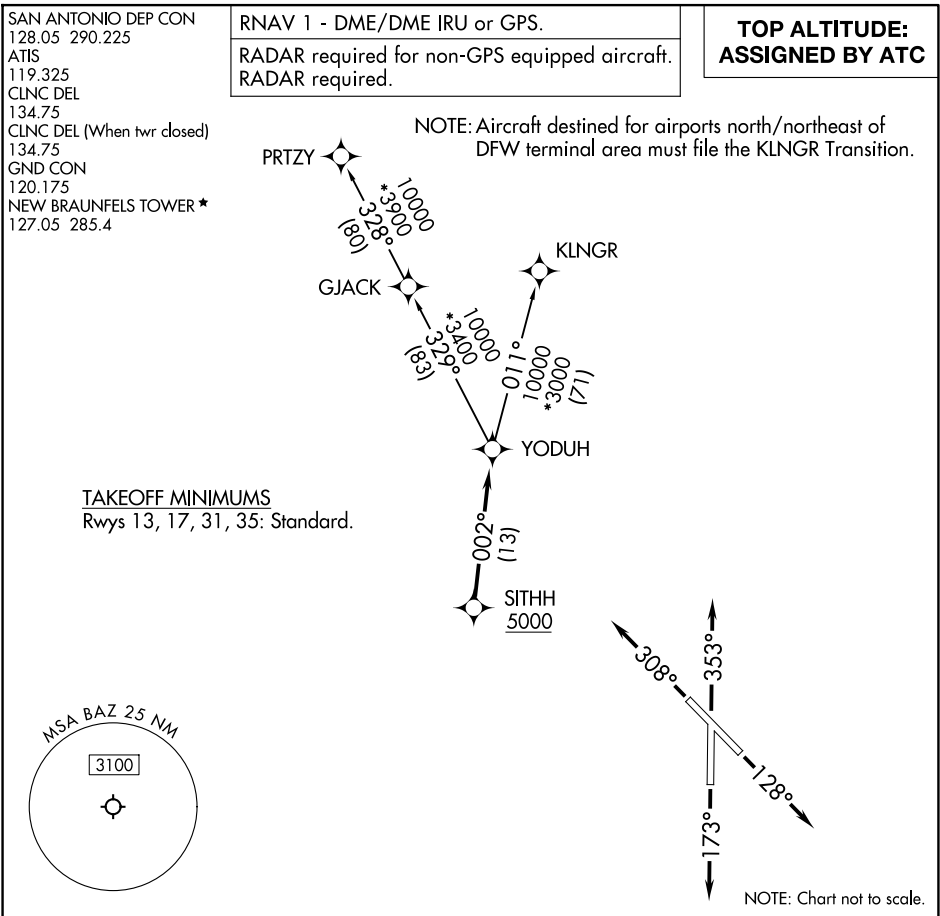
KAHAN TRANSITION (TJANO2.KAHAN)

ZANNI TRANSITION (TJANO2.ZANNI)

TJANO TWO DEPARTURE (RNAV)

(TJANO2.TJANO) 07AUG25

NEW BRAUNFELS, TEXAS
NEW BRAUNFELS NTL (BAZ)



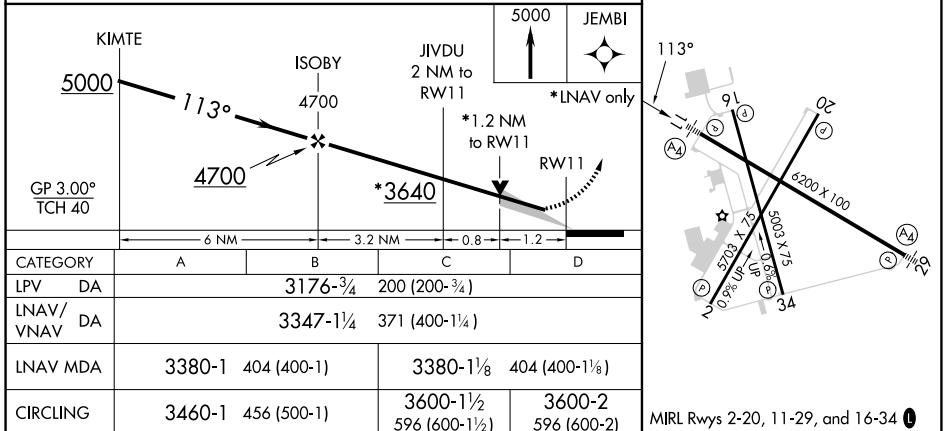
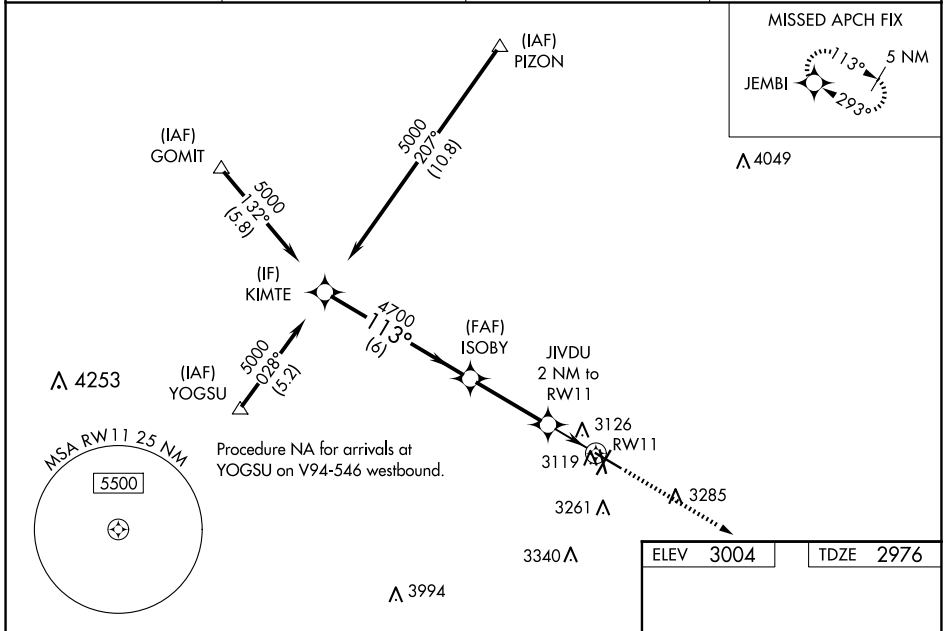
DEPARTURE ROUTE DESCRIPTION
<u>TAKEOFF RUNWAY 13:</u> Climb on heading 128° or as assigned by ATC, for vectors to SITHH, thence. . . <u>TAKEOFF RUNWAY 17:</u> Climb on heading 173° or as assigned by ATC, for vectors to SITHH, thence. . . <u>TAKEOFF RUNWAY 31:</u> Climb on heading 308° or as assigned by ATC, for vectors to SITHH, thence. . . <u>TAKEOFF RUNWAY 35:</u> Climb on heading 353° or as assigned by ATC, for vectors to SITHH, thence.on track 002° to YODUH, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure. <u>KLNGR TRANSITION (YODUH2.KLNGR)</u> <u>PRTZY TRANSITION (YODUH2.PRTZY)</u>

WAAS CH 45618 W11A	APP CRS 113°	Rwy Idg 6200 TDZE 2976 Apt Elev 3004
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RNAV (GPS) RWY 11
ODESSA-SCHLEMEYER FLD (ODO)

	Circling to Rwy 16 and 20 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Circling NA S of Rwy 2 and 34. When local altimeter setting not received use Midland Intl Air and Space Port altimeter setting and increase all DA 41 feet and all MDA 60 feet and increase LNAV/VNAV all Cats visibility 1/8 mile, LNAV Cat C and D and Circling Cat C visibility 1/4 mile. VDP NA with Midland Intl Air and Space Port altimeter setting. Baro-VNAV NA when using Midland Intl Air and Space Port altimeter setting.	MALS	MISSED APPROACH: Climb to 5000 direct JEMBI and hold.
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ASOS 119.275	MIDLAND APP CON ★ 124.6 256.875	CLNC DEL 121.7	UNICOM 123.0 (CTAF) 0
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ODESSA-SCHLEMEYER FLD (ODO)
RNAV (GPS) RWY 11

SC-3, 03 SEP 2026 to 29 OCT 2026

ODESSA, TEXAS

AL-5689 (FAA)

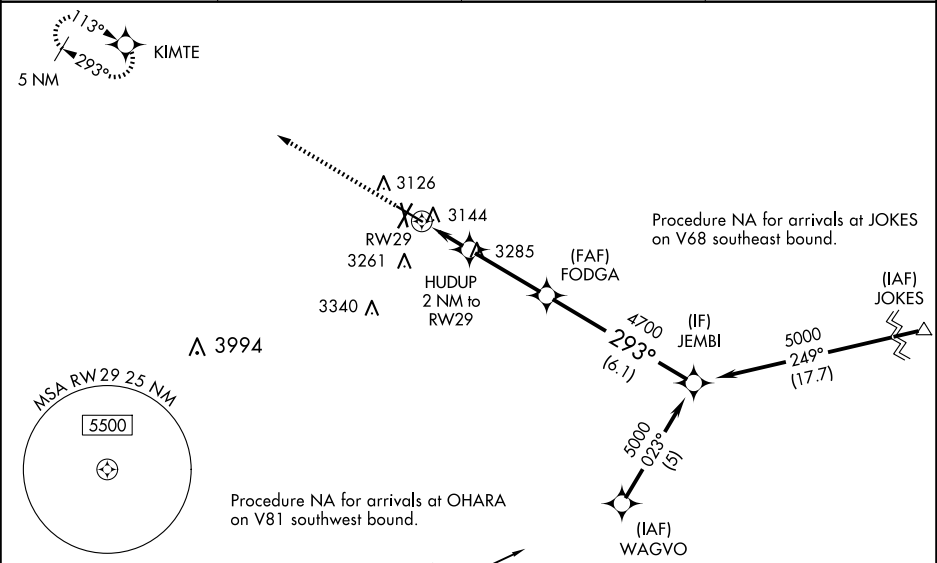
24137

WAAS CH 86318 W29A	APP CRS 293°	Rwy Idg 6200 TDZE 2980 Apt Elev 3004
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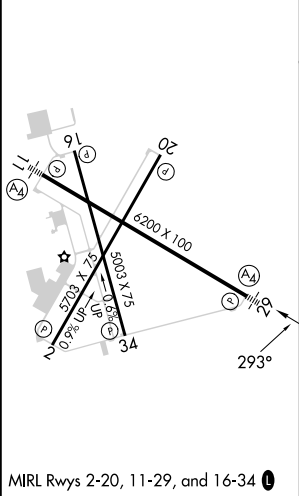
RNAV (GPS) RWY 29
ODESSA-SCHLEMEYER FLD (ODO)

RNP APCH. ⚠ Baro-VNAV NA when using Midland Intl Air and Space Port altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 43°C. Circling NA south of Rwy 2 and 34. When local altimeter setting not received use Midland Intl Air and Space Port altimeter setting and increase all DAs 41 feet and all MDAs 60 feet and increase LNAV Cats C and D visibility 1/8 SM, Circling Cat C visibility 1/4 SM. VDP NA with Midland Intl Air and Space Port altimeter setting.		MALS Ⓐ —	MISSED APPROACH: Climb to 5000 direct KIMTE and hold.
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ASOS 119.275	MIDLAND APP CON★ 124.6 256.875	CLNC DEL 121.7	UNICOM 123.0 (CTAF) 0
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ELEV 3004	TDZE 2980
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OHARA 5000 057° (12)			
KIMTE			
* LNAV only.			
HUDUP 2 NM to RW29			
* 1.2 NM to RW29			
RW29			
3660*			
1.2 0.8 3.2 NM 6.1 NM			
CATEGORY	A	B	C
LPV DA	3180-3/4 200 (200-3/4)		
LNAV/VNAV DA	3414-1 1/2 434 (500-1 1/2)		
LNAV MDA	3400-1	420 (500-1)	3400-1 1/4 420 (500-1 1/4)
CIRCLING	3460-1	456 (500-1)	3600-1 1/2 596 (600-1 1/2) 3600-2 596 (600-2)

ODESSA, TEXAS
Orig-B 04NOV21

31° 55'N-102° 23'W

ODESSA-SCHLEMEYER FLD (ODO)
RNAV (GPS) RWY 29

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ORANGE GROVE, TEXAS

ILS X or LOC X RWY 13

LOC/DME I-NOG 110.5 Chan 42	APCH CRS 130°	Rwy Idg 8001 TDZE 257 Arpt Elev 257
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[USN]

ORANGE GROVE NALF (KNOG)

TACAN required

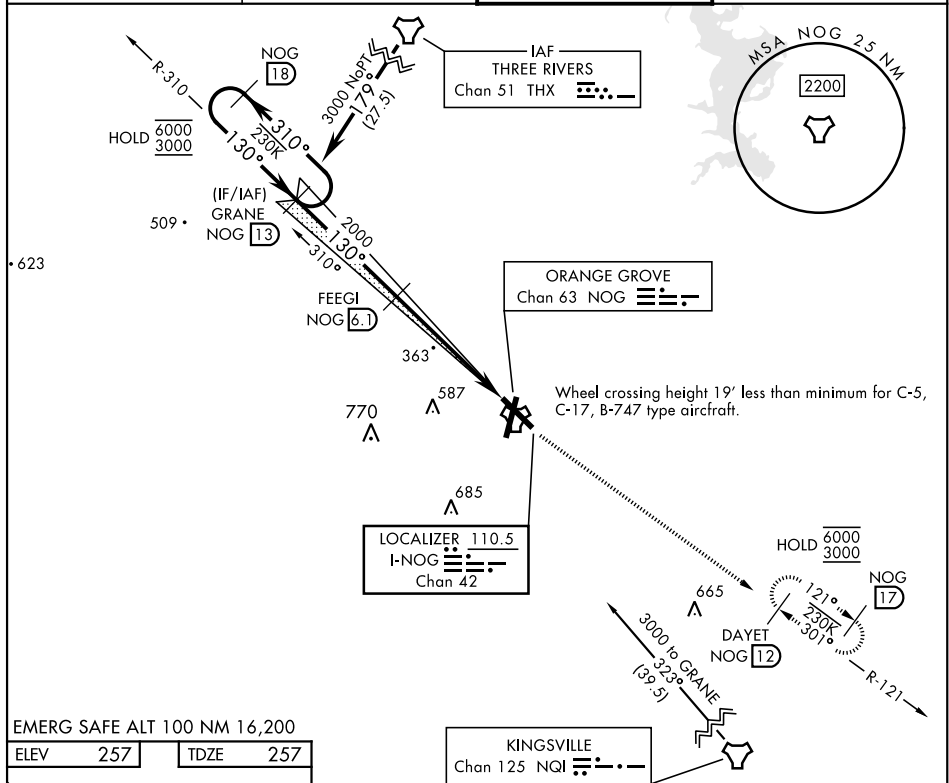
MISSED APPROACH: Climb to 700 then climb to 3000 intercept NOG TACAN R-121 to DAYET and hold.

ATIS ★
254.35

KINGSVILLE APP CON
119.90 290.45

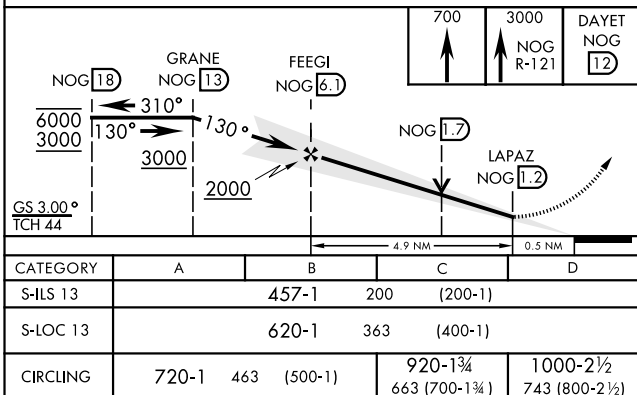
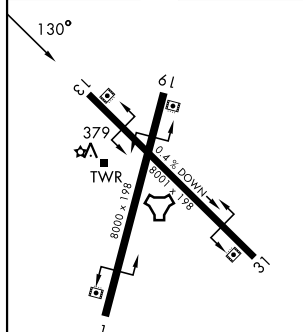
TOWER ★
128.4 281.425

GND CON
229.4



EMERG SAFE ALT 100 NM 16,200

ELEV	257		TDZE	257
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ORANGE GROVE, TEXAS

27°54'N-98°03'W

ORANGE GROVE NALF (KNOG)

Amdt 1 13JUN24

ILS X or LOC X RWY 13

SC-3, 03 SEP 2026 to 29 OCT 2026

ORANGE GROVE, TEXAS

ILS Z or LOC Z RWY 13

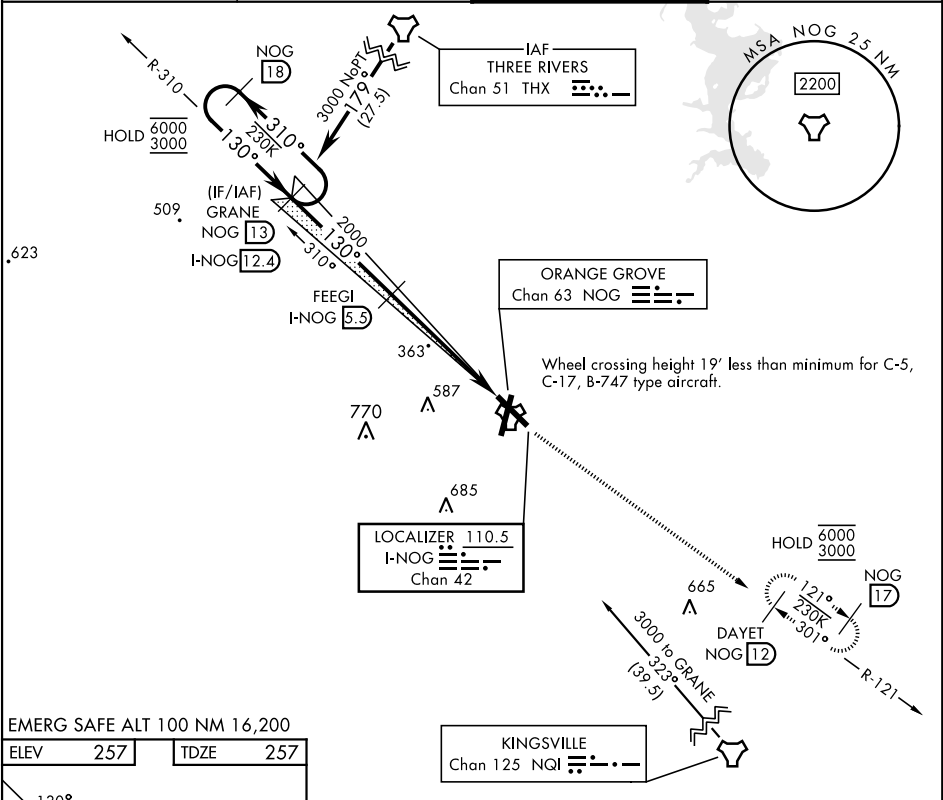
LOC/DME I-NOG 110.5 Chan 42	APCH CRS 130°	Rwy Idg TDZE 257 Arprt Elev 257
8001		

[USN]

ORANGE GROVE NALF (KNOG)

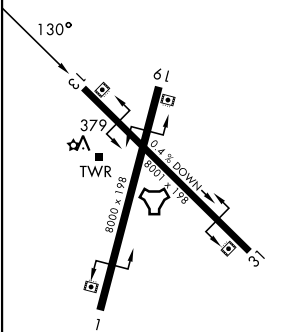
TACAN, DME required.	MISSED APPROACH: Climb to 700, then climb to 3000 intercept NOG TACAN R-121 to DAYET and hold.
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ATIS ★ 254.35	KINGSVILLE APP CON 119.90 290.45	TOWER ★ 128.4 281.425	GND CON 229.4
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EMERG SAFE ALT 100 NM 16,200

ELEV 257	TDZE 257
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MIRL all rwys

GRANE I-NOG 12.4 NOG 18 6000 3000 310° 130° 3000 2000				FEEGI I-NOG 5.5 700 3000 NOG R-121 DAYET NOG 12			
GS 3.00° TCH 44				I-NOG 1.2 LAPAZ I-NOG 0.6 4.9 NM 0.5 NM			
CATEGORY	A	B	C	D			
S-ILS 13	457-1			200	(200-1)		
S-LOC 13	620-1			363	(400-1)		
CIRCLING	720-1	463	(500-1)	920-1¾ 663 (700-1¾)		1000-2½ 743 (800-2½)	

ORANGE GROVE, TEXAS

27°54'N-98°03'W

ORANGE GROVE NALF (KNOG)

Amtd 1 13JUN24

ILS Z or LOC Z RWY 13

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

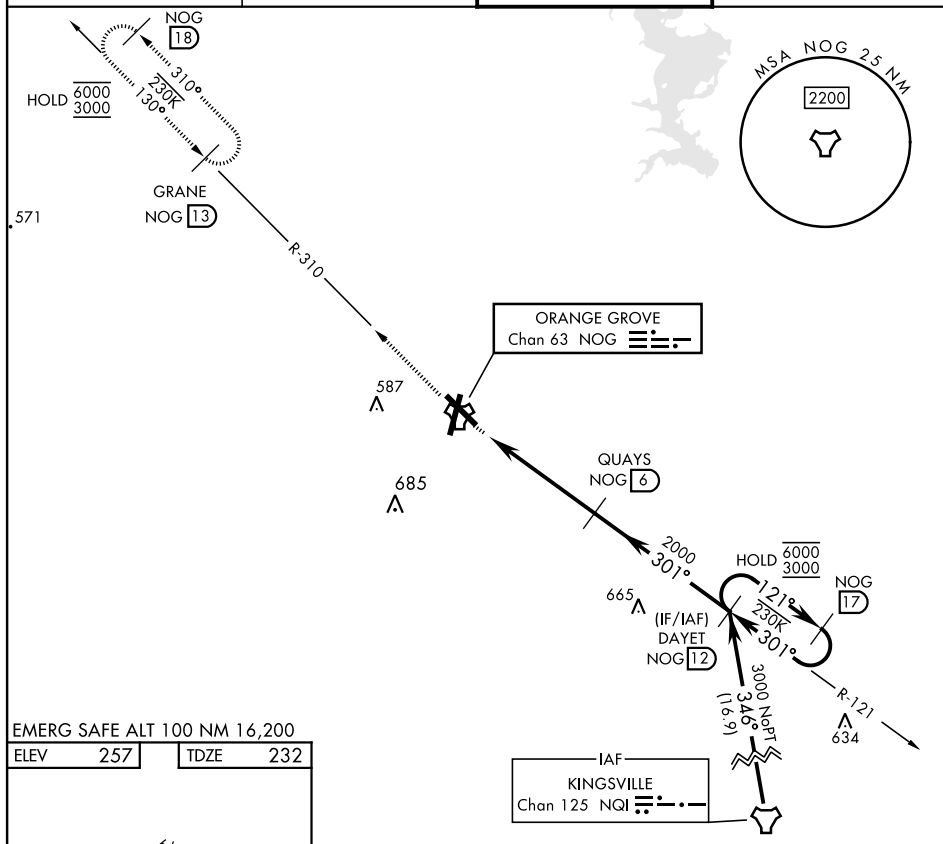
TACAN RWY 31

TACAN	NOG	APCH CRS	Rwy Idg	8001
Chan	63	301°	TDZE	232
			Arpt Elev	257

[USN]

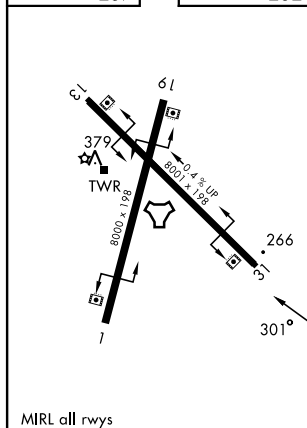
ORANGE GROVE NALF (KNOG)

V		MISSED APPROACH: Climb to 700 then climb to 3000 intercept NOG TACAN R-310 to GRANE and hold.	
ATIS ★ 254.35	KINGSVILLE APP CON 119.90 290.45	TOWER ★ 128.4 281.425	GND CON 229.4



EMERG SAFE ALT 100 NM 16,200

ELEV	257		TDZE	232
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CATEGORY	A	B	C	D
S-31		520-1	288 (300-1)	
CIRCLING	720-1 463 (500-1)	920-134 663 (700-134)	1000-2½ 743 (800-2½)	

ORANGE GROVE, TEXAS

27°54'N-98°03'W

ORANGE GROVE NALF (KNOG)

TACAN RWY 31

SC-3, 03 SEP 2026 to 29 OCT 2026

ORANGE GROVE, TEXAS

TACAN Z RWY 13

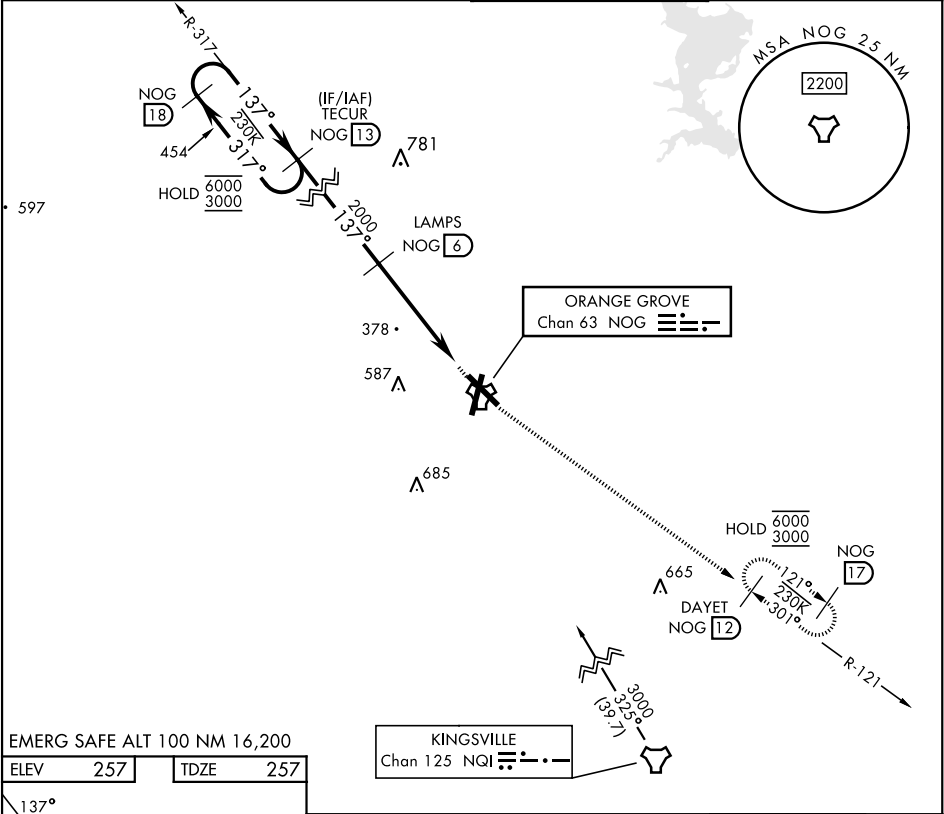
TACAN Chan	NOG 63	APCH CRS 137°	Rwy Idg 8001 TDZE 257 Arpt Elev 257
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[USN]

ORANGE GROVE NALF (KNOG)

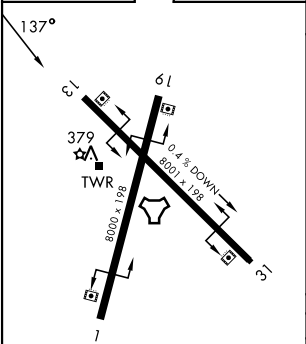
MISSED APPROACH: Climb to 700 then climbing left turn to 3000 and intercept NOG TACAN R-121 to DAYET and hold.

ATIS ★ 254.35	KINGSVILLE APP CON 119.90 290.45	TOWER ★ 128.4 281.425	GND CON 229.4
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EMERG SAFE ALT 100 NM 16,200

ELEV	257	TDZE	257
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MIRL all rwys

	NOG 18	TECUR NOG 13	LAMPS NOG 6	NOG 1.8	NOG TACAN
	6000 3000	317°	137°	3000 NOG R-121	DAYET NOG 12
			2000	SPARS NOG 1.2	
			3.04° TCH 50		
			4.8 NM	0.5	
CATEGORY	A	B	C	D	
S-13	640-1	383 (400-1)	640-1½	383 (400-1½)	
CIRCLING	720-1	463 (500-1)	920-1¾ 663 (700-1¾)	1000-2½ 743 (800-2½)	

ORANGE GROVE, TEXAS

27°54'N-98°03'W

ORANGE GROVE NALF (KNOG)

Amdr 2 13JUN24

TACAN Z RWY 13

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

TACAN-A

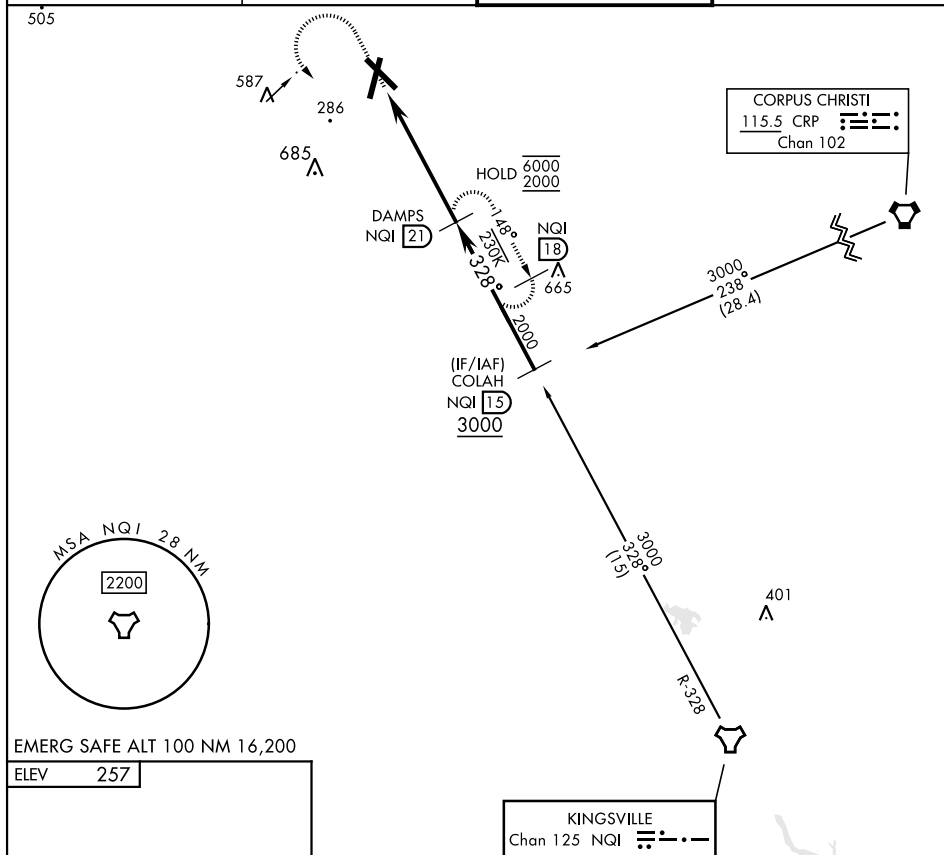
TACAN NQI Chan 125	APCH CRS 328°	Rwy Idg N/A TDZE N/A Arpt Elev 257
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[USN]

ORANGE GROVE NALF (KNOG)

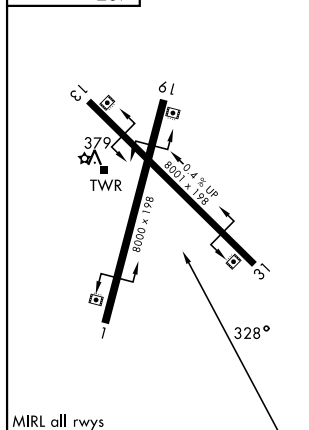
T MISSED APPROACH: Climb to 2000 on NQI TACAN R-328, then left turn to intercept NQI R-328 to DAMPS and hold.

ATIS ★ 254.35	KINGSVILLE APP CON 119.90 290.45	TOWER ★ 128.4 281.425	GND CON 229.4
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EMERG SAFE ALT 100 NM 16,200

ELEV	257
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ORANGE GROVE, TEXAS

Amdt 2 13JUN24

27°54'N-98°03'W

ORANGE GROVE NALF (KNOG)

TACAN-A

SC-3, 03 SEP 2026 to 29 OCT 2026

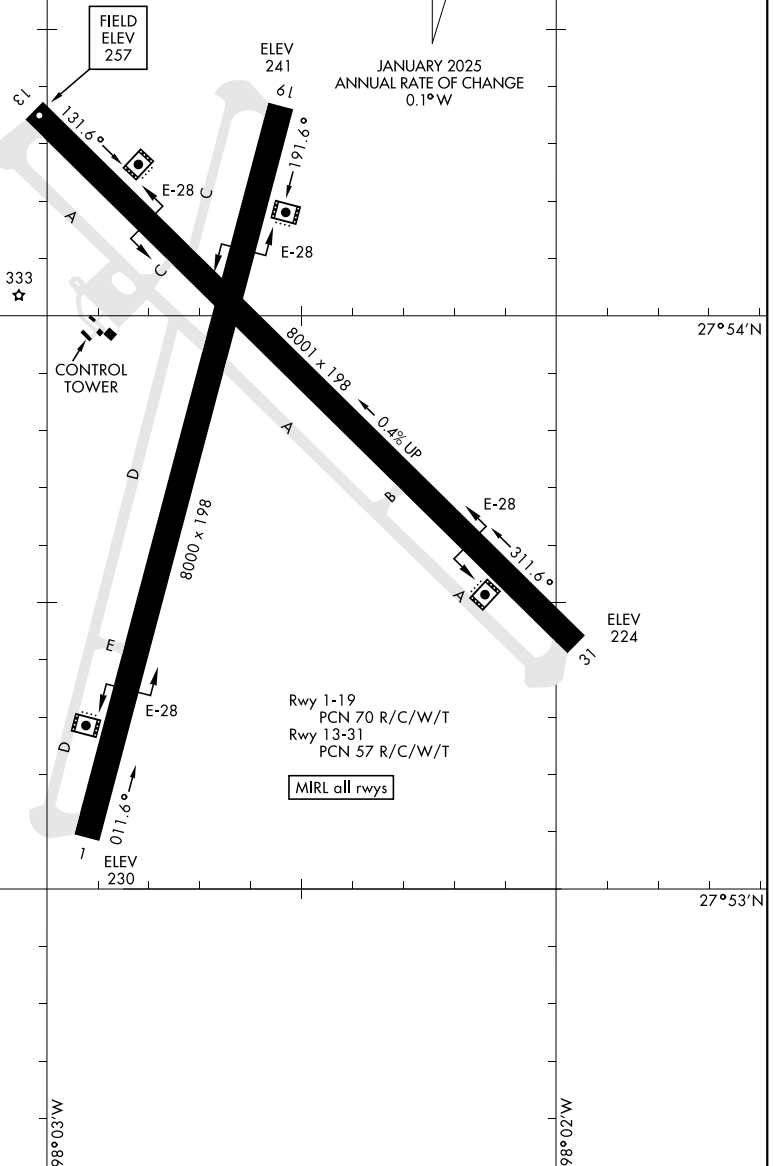
AIRPORT DIAGRAM

[USN]

ORANGE GROVE NALF (KNOG)

ORANGE GROVE, TEXAS

ATIS ★ 254.35
 TOWER ★
 128.4 281.425
 GND CON
 229.4



AIRPORT DIAGRAM

ORANGE GROVE, TEXAS

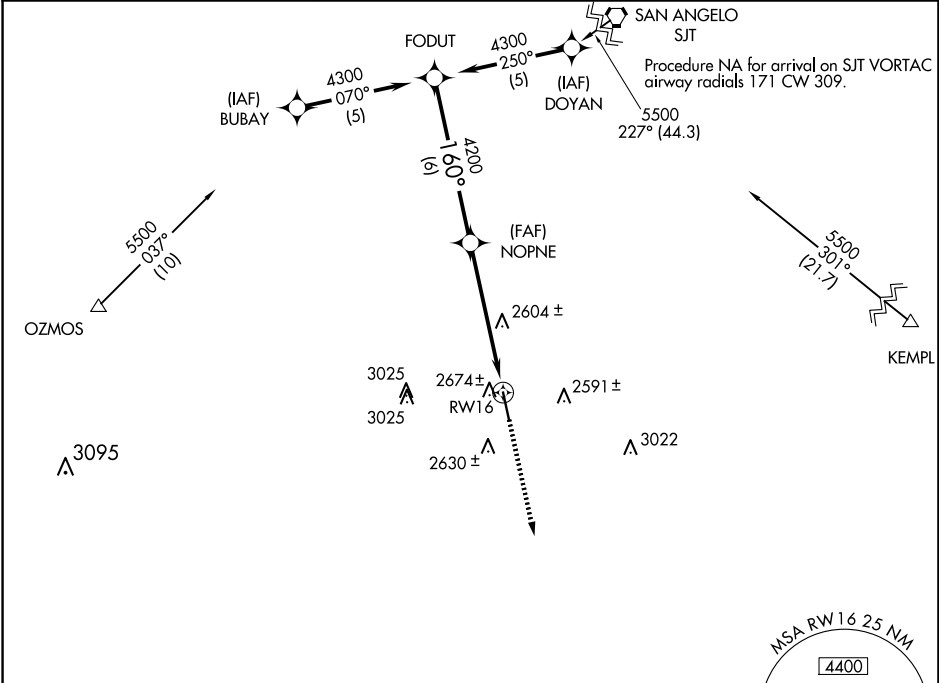
ORANGE GROVE NALF (KNOG)

APP CRS 160°	Rwy Idg TDZE 2377	6003
	Apt Elev 2377	

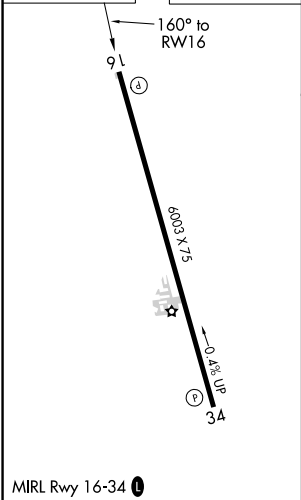
RNAV (GPS) RWY 16
OZONA MUNI (OZA)

NA GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Procedure NA at night. NA Obtain local altimeter on CTAF; when not received, use San Angelo altimeter setting. Rwy 16 helicopter visibility reduction below ¾ SM NA.	MISSED APPROACH: Climb to 5000 direct IXALE WP and hold.
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AWOS-3PT 118.425	HOUSTON CENTER 125.75 346.4	UNICOM 122.8 (CTAF) 0
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ELEV 2377	TDZE 2377
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FODUT 4300		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 39).		5000	IXALE
Procedure Turn NA		NOPNE 4200		*1.6 NM to RWY16	
*VDP NA with San Angelo altimeter setting.		3.05° TCH 50		RWY16	
CATEGORY	A	B	C	D	
LNAV MDA	2940-1¼	563 (600-1¼)	2940-1½	563 (600-1½)	NA
CIRCLING	2980-1¼	603 (700-1¼)	2980-1¾	603 (700-1¾)	NA
SAN ANGELO ALTIMETER SETTING MINIMUMS					
LNAV MDA	3180-1¼	803 (800-1¼)	3180-2¼	803 (800-2¼)	NA
CIRCLING	3220-1¼	843 (900-1¼)	3220-2½	843 (900-2½)	NA

PEARSALL, TEXAS

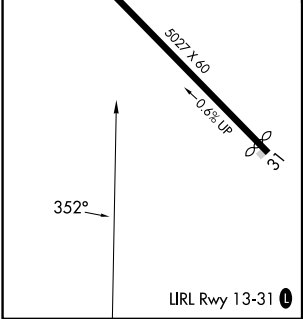
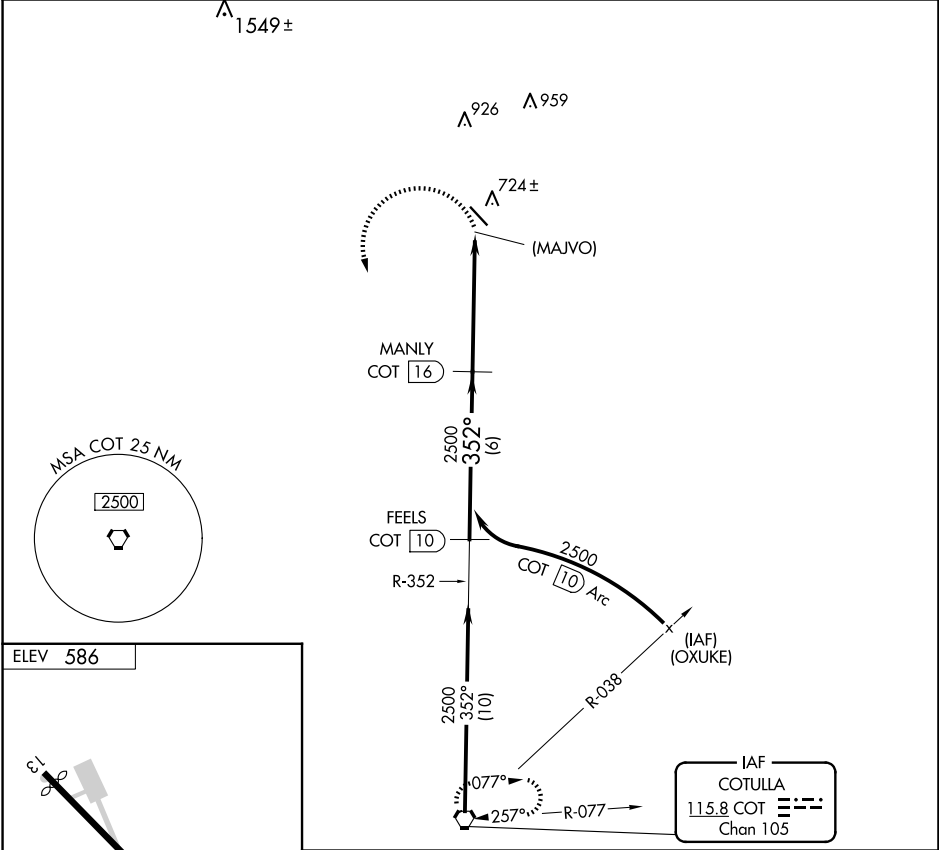
AL-6177 (FAA)

23222

VORTAC COT 115.8 Chan 105	APP CRS 352°	Rwy Idg TDZE Apt Elev 586	N/A N/A 586
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VOR/DME or GPS-A
MC KINLEY FLD (T3Ø)

 NA Use Cotulla altimeter setting. Procedure NA at night.	MISSED APPROACH: Climbing left turn to 2500 direct COT VORTAC and hold.
HOUSTON CENTER 134.6 322.5	UNICOM 122.8 (CTAF) Ø



FEELS COT 10	MANLY COT 16	2500 COT	(MAJVO) COT 21
2500	352°	2500	
Procedure Turn NA	6 NM	5 NM	
CATEGORY	A	B	C
CIRCLING	1120-1	534 (600-1)	1120-1½ 534 (600-1½)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 62830 W14A	APP CRS 137°	Rwy Ldg TDZE 2608 Apt Elev 2613
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RNAV (GPS) RWY 14
PECOS MUNI (PEQ)

RNP APCH - GPS.

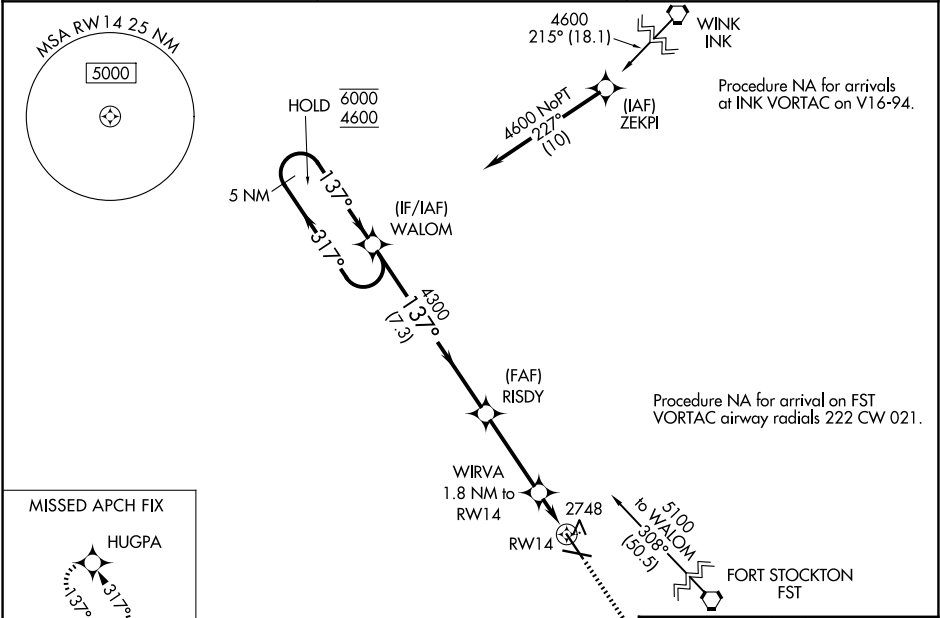
▼

▲

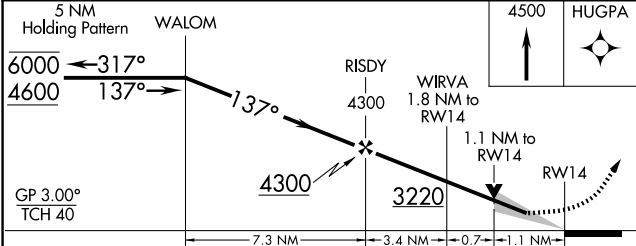
Circling Rwy 9, 27 NA at night. Baro-VNAV and VDP NA when using Wink altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. When local altimeter setting not received, use Wink altimeter setting and increase LPV DA to 2903 feet and all visibilities ¼ SM. Increase LNAV/VNAV DA to 3004 feet and all visibilities ¼ SM. Increase all MDAs 100 feet and LNAV visibility Cat C/D ¼ SM, and Circling visibility Cat C/D ¼ SM.

MISSED APPROACH:
Climb to 4500 direct HUGPA and hold.

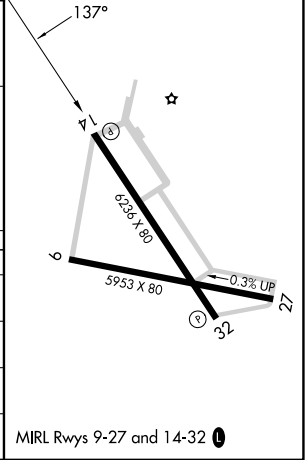
AWOS-3 118.175	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.8 (CTAF) 0
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ELEV 2613	TDZE 2608
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CATEGORY	A	B	C	D
LPV DA		2808-¾ 200 (200-¾)		
LNAV/VNAV DA		2909-⅞ 301 (300-⅞)		
LNAV MDA	3000-1	392 (400-1)	3000-1½ 392 (400-1½)	
CIRCLING	3060-1 447 (500-1)	3140-1 527 (600-1)	3360-2¼ 747 (800-2¼)	3360-2½ 747 (800-2½)



PECOS, TEXAS

AL-186 (FAA)

26134

WAAS CH 69629 W32A	APP CRS 317°	Rwy Ldg TDZE Apt Elev 6236 2605 2613
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RNAV (GPS) RWY 32

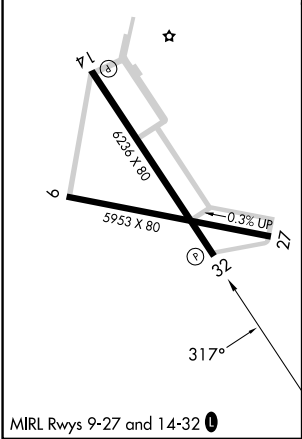
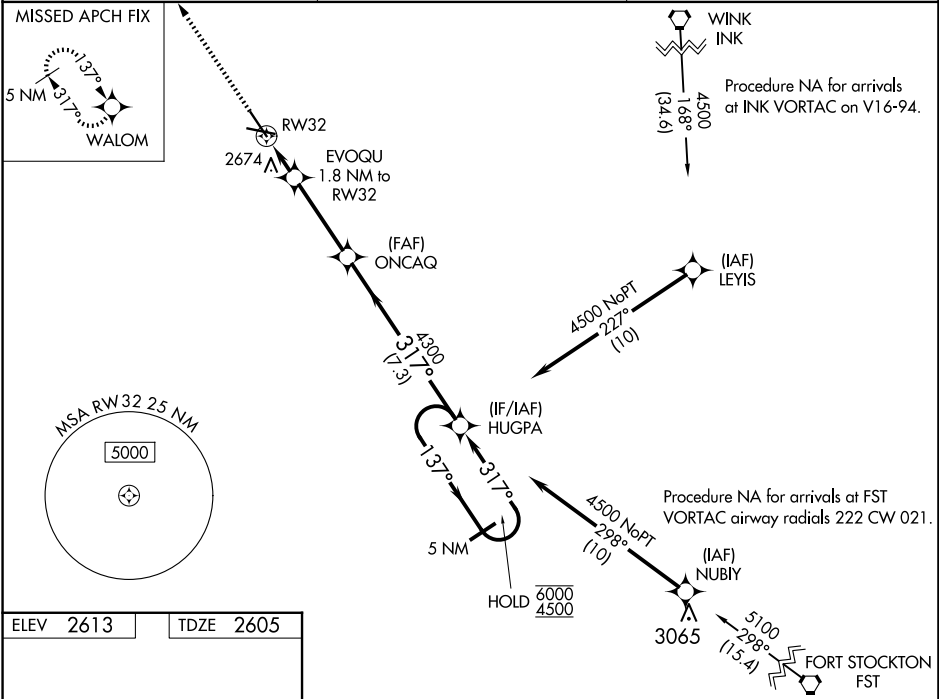
PECOS MUNI (PEQ)

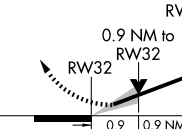
RNP APCH - GPS.

▼ Baro-VNAV and VDP NA when using Wink altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. When local altimeter setting not received, use Wink altimeter setting: increase LPV DA to 2900 feet, LNAV/VNAV DA to 2950 feet and all visibilities ¼ SM; increase all MDA 100 feet and visibility Cat C and LNAV Cat D ¼ SM. Circling Rwy 9, 27 NA at night.

MISSED APPROACH: Climb to 4600 direct WALOM and hold.

AWOS-3 118.175	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.8 (CTAF) ①
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4600	WALOM	5 NM Holding Pattern		
				
				
EVOQU 1.8 NM to RW32		ONCAQ 4300	HUGPA	137° → <u>6000</u> ← 317° <u>4500</u>
0.9 NM to RW32		3200	4300	GP 3.00° TCH 40
0.9		0.9 NM	3.4 NM	7.3 NM
CATEGORY	A	B	C	D
LPV DA	2805-¾		200 (200-¾)	
LNAV/ VNAV DA	2855-¾		250 (300-¾)	
LNAV MDA	2940-1		335 (400-1)	
CIRCLING	3060-1 447 (500-1)	3140-1 527 (600-1)	3360-2¼ 747 (800-2¼)	3360-2½ 747 (800-2½)

PECOS, TEXAS
Orig-C 30DEC21

31°23'N-103°31'W

PECOS MUNI (PEQ)

RNAV (GPS) RWY 32

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

RNP APCH.

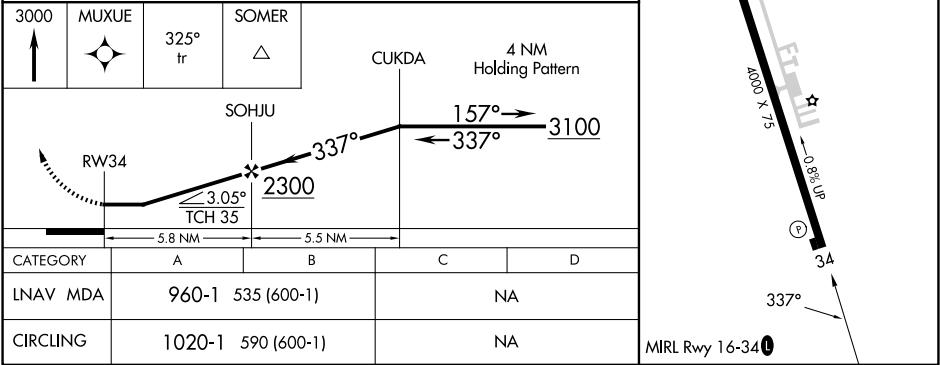
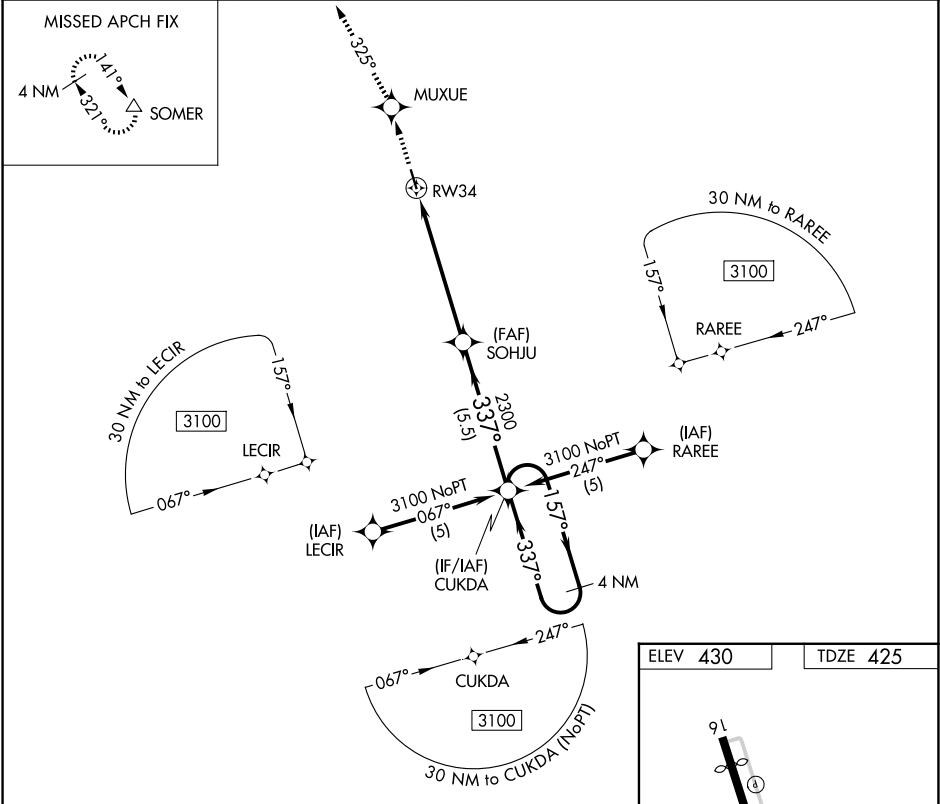
▼

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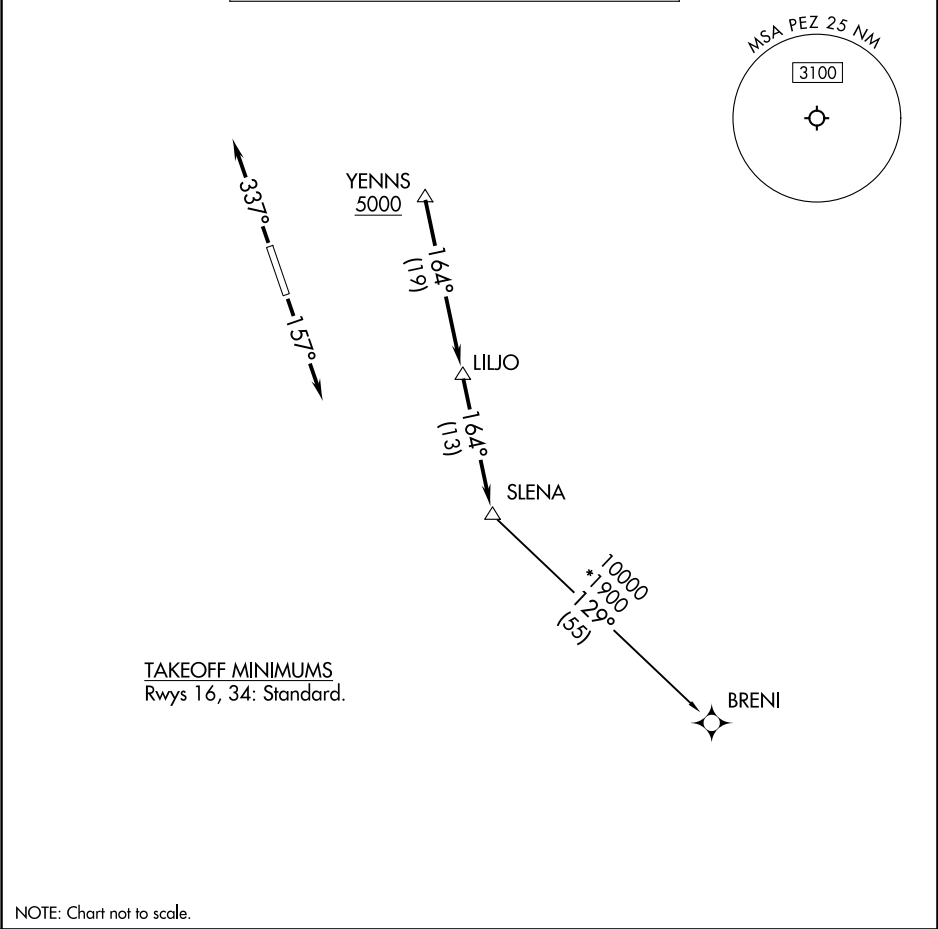
When local altimeter setting not received, use Kelly Fld altimeter setting and increase all MDA 100 feet. Procedure NA at night. Rwy 34 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3000 direct MUXUE and via 325° track to SOMER and hold.

AWOS-3 118.575	SAN ANTONIO APP CON 118.05 353.5	CLNC DEL 121.375	UNICOM 122.7 (CTAF) 0
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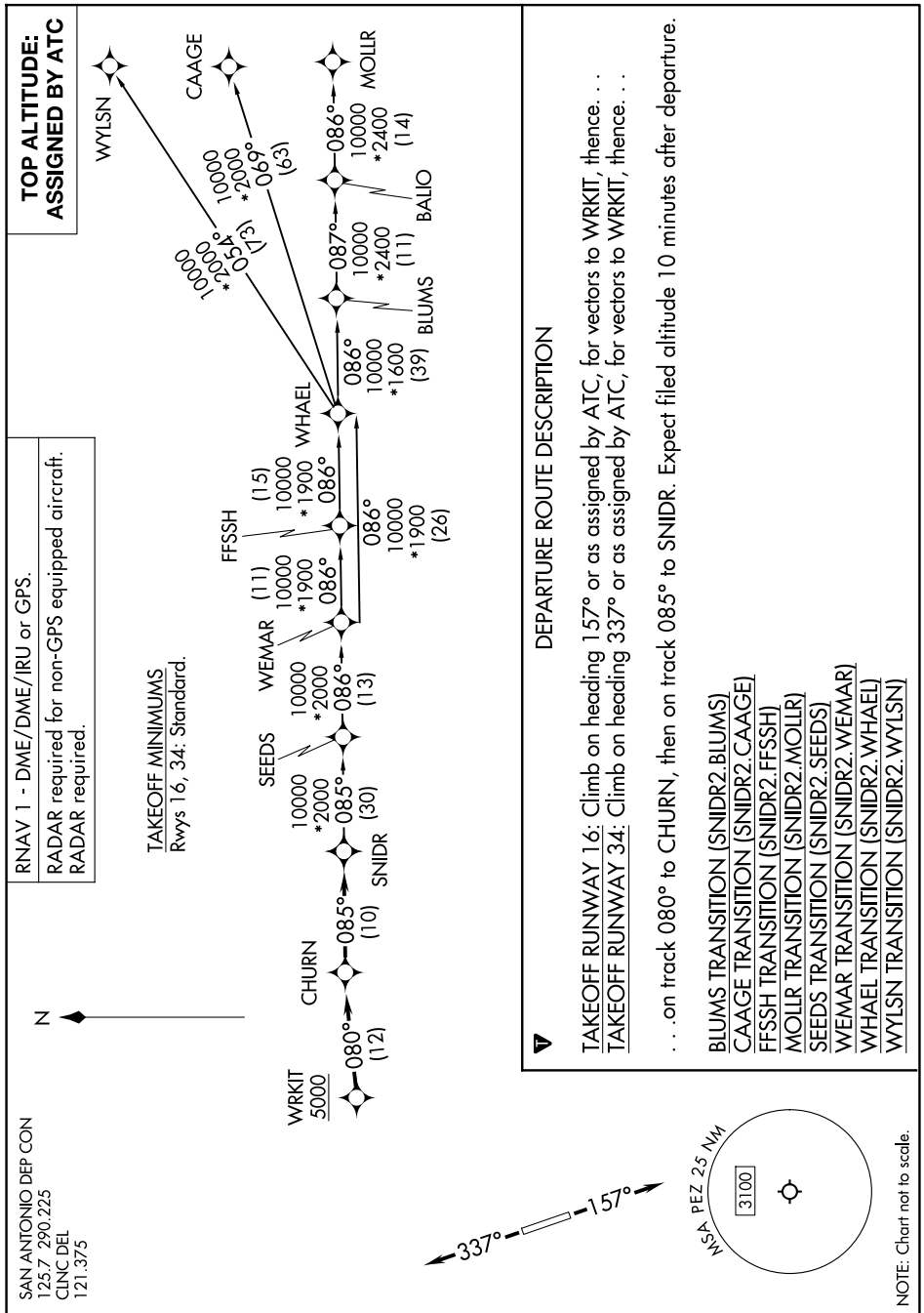


SAN ANTONIO DEP CON 125.7 290.225 CLNC DEL 121.375	RNAV 1 - DME/DME/IRU or GPS.	TOP ALTITUDE: ASSIGNED BY ATC
	RADAR required for non-GPS equipped aircraft. RADAR required.	



▼	DEPARTURE ROUTE DESCRIPTION
<u>TAKEOFF RUNWAY 16:</u> Climb on heading 157° or as assigned by ATC, for vectors to YENNS. Thence. . . <u>TAKEOFF RUNWAY 34:</u> Climb on heading 337° or as assigned by ATC, for vectors to YENNS. Thence.on track 164° to LILJO, then on track 164° to SLENA, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure. <u>BRENI TRANSITION (SLENA2.BRENI)</u>	

SNIDR TWO DEPARTURE (RNAV)



NOTE: Chart not to scale.

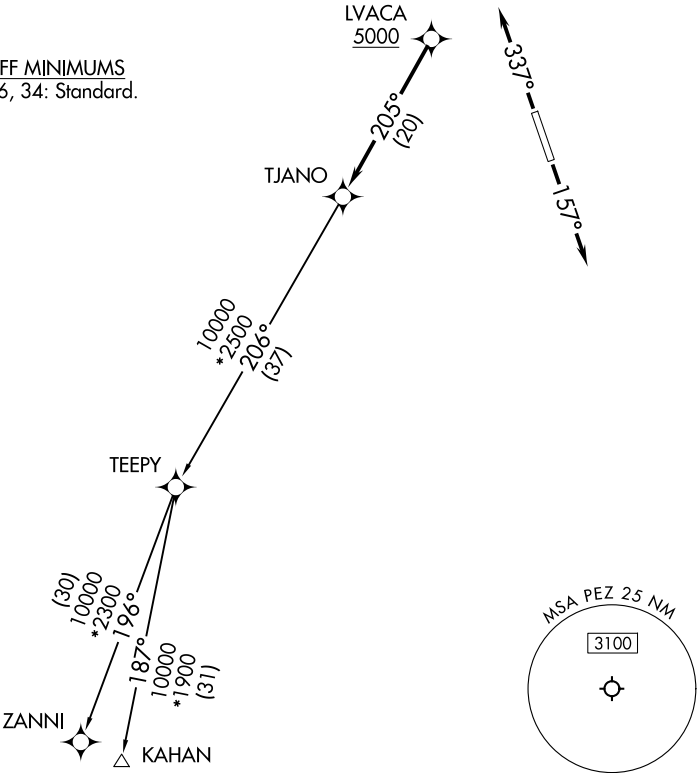
SNIDR TWO DEPARTURE (RNAV)

PLEASANTON, TEXAS
PLEASANTON MUNI (PEZ)

(SNIDR2.SNIDR) 07AUG25

SAN ANTONIO DEP CON 125.7 290.225 CLNC DEL 121.375	RNAV 1 - DME/DME IRU or GPS.	TOP ALTITUDE: ASSIGNED BY ATC
	RADAR required for non-GPS equipped aircraft. RADAR required.	

TAKEOFF MINIMUMS
Rwys 16, 34: Standard.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° or as assigned by ATC, for vectors to LVACA, thence. . .
TAKEOFF RUNWAY 34: Climb on heading 337° or as assigned by ATC, for vectors to LVACA, thence. . .

. . .on track 205° to TJANO, then on transition. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

KAHAN TRANSITION (TJANO2.KAHAN)
ZANNI TRANSITION (TJANO2.ZANNI)

(YODUH2.YODUH) 25219

AL-6114 (FAA)

PLEASANTON MUNI (P'E'Z)
PLEASANTON, TEXAS

YODUH TWO DEPARTURE (RNAV)

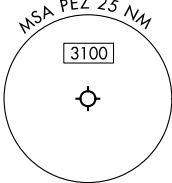
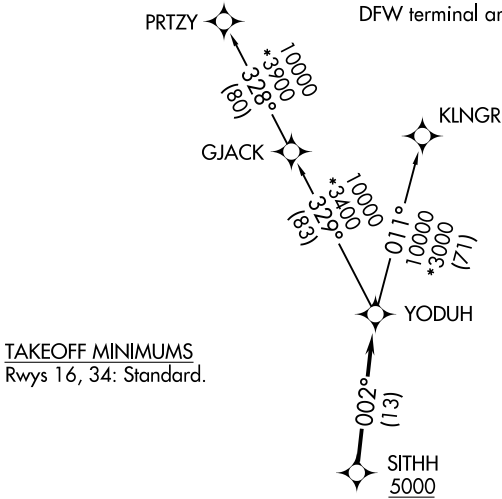
SAN ANTONIO DEP CON
125.7 290.225
CLNC DEL
121.375

RNAV 1 - DME/DME IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

**TOP ALTITUDE:
ASSIGNED BY ATC**

NOTE: Aircraft destined for airports north/northeast of
DFW terminal area must file the KLNGR Transition.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° or as assigned by ATC, for vectors to SITHH, thence. . .
TAKEOFF RUNWAY 34: Climb on heading 337° or as assigned by ATC, for vectors to SITHH, thence. . .

. . .on track 002° to YODUH, then on transition. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

KLNGR TRANSITION (YODUH2.KLNGR)
PRTZY TRANSITION (YODUH2.PRTZY)

YODUH TWO DEPARTURE (RNAV)
(YODUH2.YODUH) 07AUG25

PLEASANTON, TEXAS
PLEASANTON MUNI (P'E'Z)

WAAS CH 99500 W12A	APP CRS 120°	Rwy Idg 3482 TDZE 5 Apt Elev 5
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RNAV (GPS) RWY 12

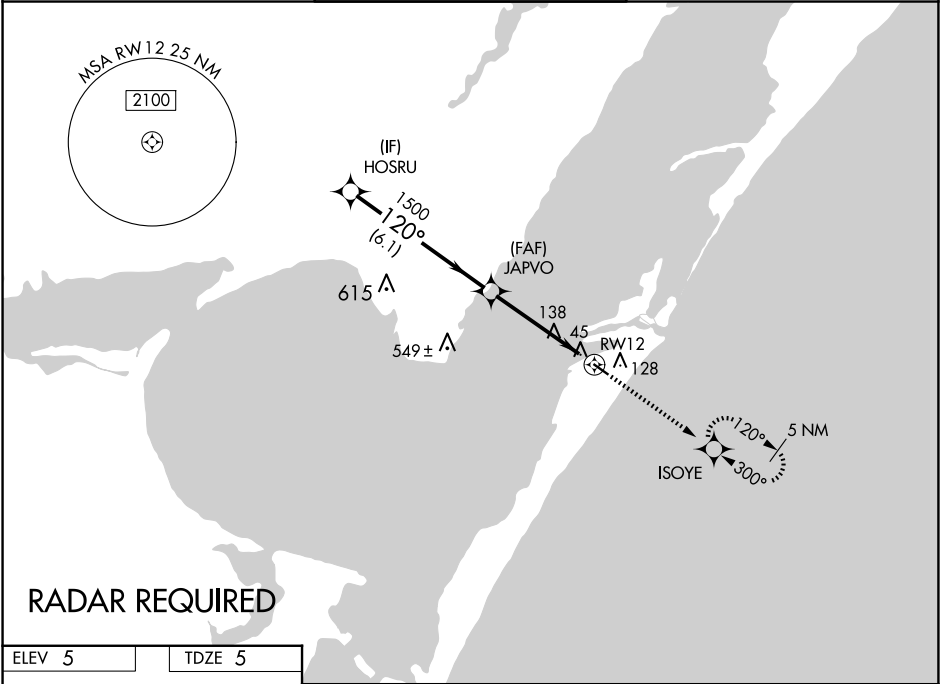
MUSTANG BEACH (R.A.S)

⚠

DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 44°C (111°F). If local altimeter setting not received, use Corpus Christi Intl altimeter setting and increase all DAs/MDAs 60 feet. Baro-VNAV and VDP NA when using Corpus Christi Intl altimeter setting.

MISSED APPROACH: Climb to 2000 direct ISOYE and hold.

AWOS-3 118.425	CORPUS APP CON 125.4 307.9	CTAF 122.9
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ELEV 5

TDZE 5

MIRL Rwy 12-30

HOSRU		2000		ISOYE	
3000		JAPVO		* LNAV only	
Procedure Turn NA		1500		* 1.1 NM to RWY 12	
GP 3.00°		RWY 12			
TCH 35		6.1 NM		3.4 NM	
		1.1 NM			
CATEGORY	A	B	C	D	
LPV DA	276-1	271 (300-1)	NA		
LNAV/VNAV DA	435-1½	430 (500-1½)	NA		
LNAV MDA	400-1	395 (400-1)	NA		
CIRCLING	500-1	495 (500-1)	NA		

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

PORT ARANSAS, TX

AL-10221 (FAA)

23278

WAAS CH 63000 W30A	APP CRS 300°	Rwy Idg 3482 TDZE 5 Apt Elev 5
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RNAV (GPS) RWY 30

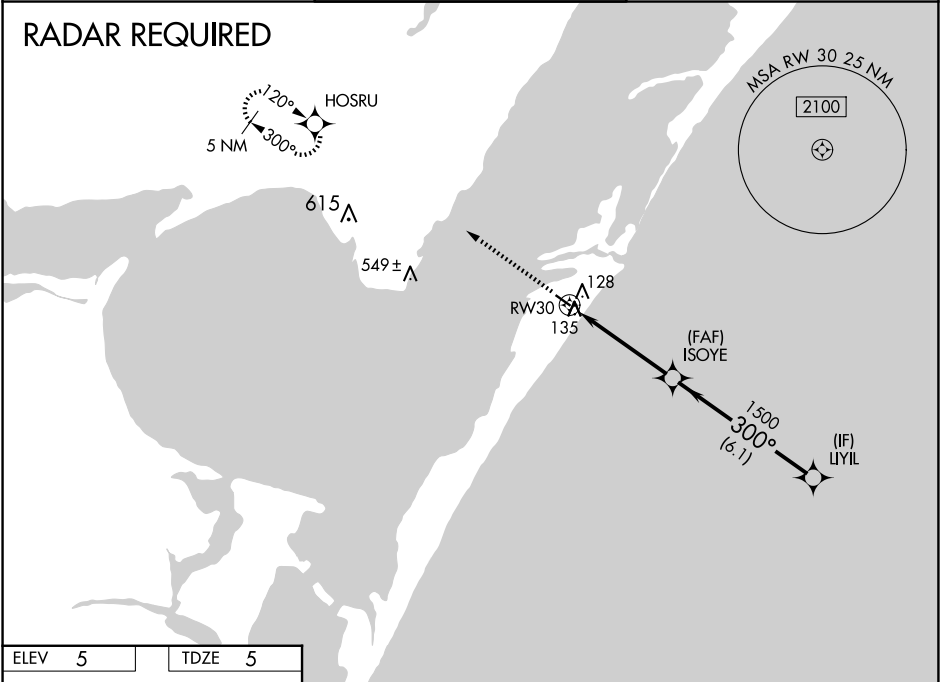
MUSTANG BEACH (R.A.S)



DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1.5°C (5°F) or above 44°C (111°F). If local altimeter setting not received, use Corpus Christi Intl altimeter setting and increase all DAs/MDAs 60 feet. Baro-VNAV and VDP NA when using Corpus Christi Intl altimeter setting.

MISSED APPROACH: Climb to 2000 direct HOSRU and hold.

AWOS-3 118.425	CORPUS APP CON 125.4 307.9	CTAF 122.9
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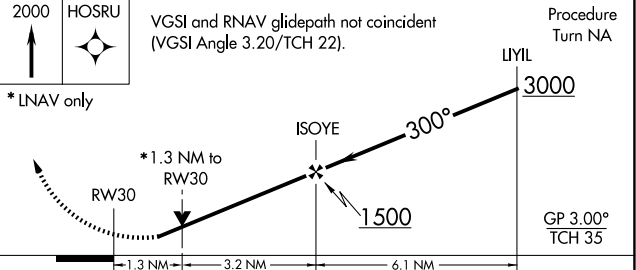
ELEV 5

TDZE 5

2000

HOSRU

* LNAV only



Procedure Turn NA

GP 3.00° TCH 35

CATEGORY	A	B	C	D
LPV DA	362-1¼ 357 (400-1¼)		NA	
LNAV/VNAV DA	435-1½ 430 (500-1½)		NA	
LNAV MDA	440-1 435 (500-1)		NA	
CIRCLING	500-1 495 (500-1)		NA	

PORT ARANSAS, TX
Orig-C 20SEP12

27°49'N-97°05'W

MUSTANG BEACH (R.A.S)

RNAV (GPS) RWY 30

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 53708 W13A	APP CRS 130°	Rwy Ldg 8001 TDZE 18 Apt Elev 19
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RNAV (GPS) RWY 13
CAMERON COUNTY (PIL)

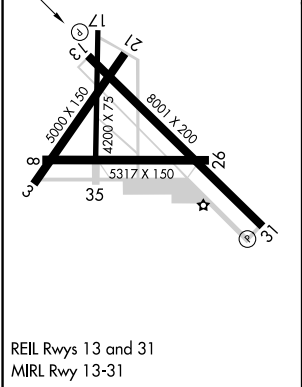
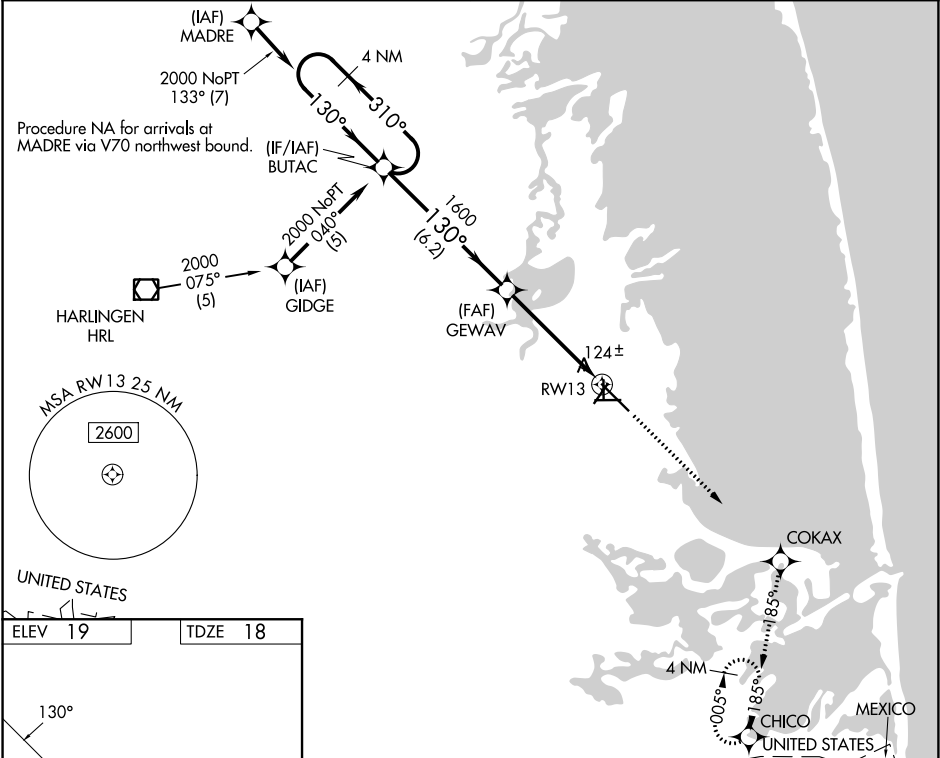
RNP APCH.

▼ Baro-VNAV NA when using Brownsville altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. VDP NA when using Brownsville altimeter setting.

▲ When local altimeter setting not received, use Brownsville altimeter setting and increase all DA 38 feet and all MDA 40 feet, increase LPV all Cts, LNAV Cat C, and Circling Cat C visibility ¼ mile. Circling Rwy 3, 8, 17, 21, 26, 35 NA at night.

MISSED APPROACH:
Climb to 3000 direct COKAX and via 185° track to CHICO and hold.

ASOS 118.525	VALLEY APP CON 119.5 257.6	CLNC DEL 119.2	UNICOM 122.8 (CTAF)
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4 NM Holding Pattern BUTAC				3000	COKAX	tr 185°	CHICO
2000 ← 310°				GP 3.00° TCH 40			
VGSi and RNAV glidepath not coincident (VGSi Angle 2.00/TCH 27).				*2.1 NM to RWY13			
1600				RWY13			
6.2 NM				2.7 NM			
2.1 NM				*LNAV only.			
CATEGORY	A	B	C	D			
LPV DA	376-1¼	358 (400-1¼)		NA			
LNAV/VNAV DA	424-1½	406 (500-1½)		NA			
LNAV MDA	480-1	462 (500-1)	480-1¼	NA			
CIRCLING	540-1	620-1	840-2½	NA			
	521 (600-1)	601 (700-1)	821 (900-2½)				

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

PORT ISABEL, TEXAS

AL-6099 (FAA)

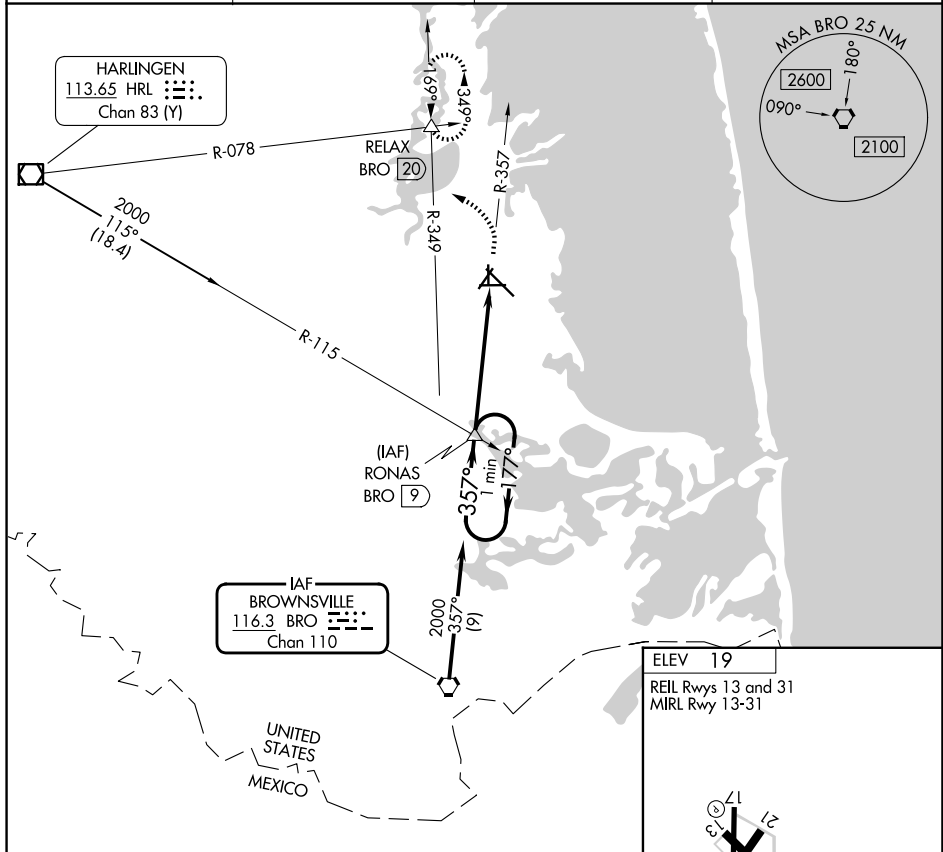
26022

VORTAC BRO 116.3 Chan 110	APP CRS 357°	Rwy Ldg TDZE Apt Elev N/A N/A 19
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VOR-A
CAMERON COUNTY (PIL)

V NA	When local altimeter setting not received, use Brownsville altimeter setting and increase all MDA 40 feet and increase Cat C visibility ¼ mile. Circling Rwys 3, 8, 17, 21, 26, 35 NA at night.	MISSED APPROACH: Climb to 2000 then turn left via BRO R-349 to RELAX INT/BRO 20 DME and hold.
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ASOS 118.525	VALLEY APP CON 119.5 257.6	CINC DEL 119.2	UNICOM 122.8 (CTAF)
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One Minute Holding Pattern				2000 ↑ BRO R-349		RELAX △
RONAS INT BRO 9				2000 ↑ BRO R-349		RELAX △
2000 ← 177° 357° →				2000 ↑ BRO R-349		RELAX △
5.1 NM				2000 ↑ BRO R-349		RELAX △
CATEGORY	A	B	C	D	FAF to MAP 5.1 NM	
CIRCLING	780-1	761 (800-1)	840-2½ 821 (900-2½)	NA	Knots	60 90 120 150 180
					Min:Sec	5:06 3:24 2:33 2:02 1:42

PORT ISABEL, TEXAS
Amdt 6B 11OCT18

26°10'N-97°21'W

CAMERON COUNTY (PIL)
VOR-A

SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS
260°

Rwy Idg
TDZE
Apt Elev
N/A
N/A
2938

RNAV (GPS)-A
PRESIDIO LELY INTL (PRS)

▼

NA

When local altimeter setting not received, procedure NA.

MISSED APPROACH: Climbing right turn to 9000 direct IMEGY and on track 006° to MRF VOR/DME and hold.

AWOS-3PT 118.0	ALBUQUERQUE CENTER 135.875 292.15	UNICOM 122.8 (CTAF) 0
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9000

IMEGY

tr 006°

MRF

5134

5200 X 7.5

35

260°

SEBTE 2.6 NM to MU DOE

MU DOE

FAVAD

IMEGY

3860

5000

6700

2.6 NM

3.4 NM

6.3 NM

CATEGORY	A	B	C	D
CIRCLING	3480-1 542 (600-1)	3540-1 602 (700-1)	NA	

PRESIDIO, TX

Orig-B 15JUN23

29°38'N-104°22'W

363

PRESIDIO LELY INTL (PRS)

RNAV (GPS)-A

UNIVERSAL CITY, TEXAS

LOC I-JUNY <u>111.3</u>	APCH CRS 145°	Rwy Idg 8352 TDZE 761 Arpt Elev 761
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[USAF]

RANDOLPH AFB (KRND)

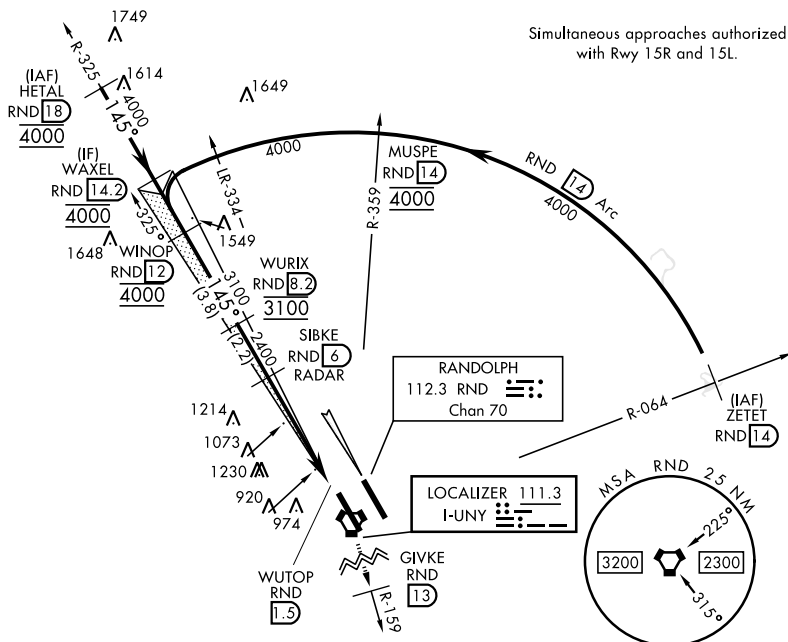
RADAR or DME required

MISSED APPROACH: Climb to 3000 on RND VORTAC R-159 to 13 DME (GIVKE). Expect ATC instructions.

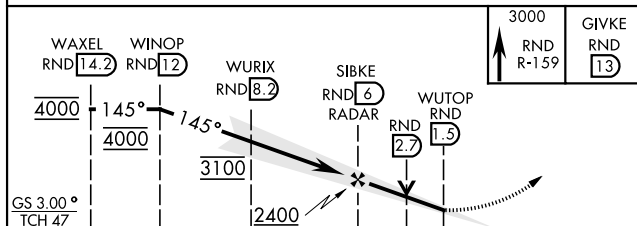
* Circling not authorized NE of Rwy 15R-33L.

ATIS ★	SAN ANTONIO APP CON	TOWER ★	GND CON	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	327.8	120.5 291.1	124.75 353.75

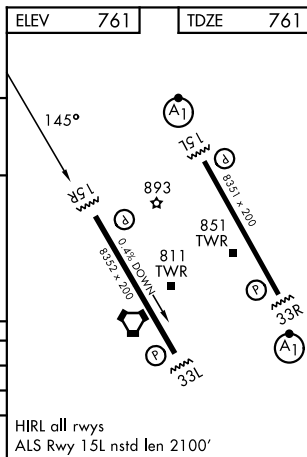
1581



EMERG SAFE ALT 100 NM 4100



CATEGORY	A	B	C	D	E
S-ILS 15R	961/40		200	(200-¾)	
S-LOC 15R	1340/55 579 (600-1)		1340-1 ⁵ / ₈	579 (600-1 ⁵ / ₈)	
CIRCLING *	1340-1 579 (600-1)		1500-2 739 (800-2)	2000-3 1239 (1300-3)	



UNIVERSAL CITY, TEXAS

29°32'N-98°17'W

RANDOLPH AFB (KRND)

Amdt 3 17APR25

ILS or LOC RWY 15R

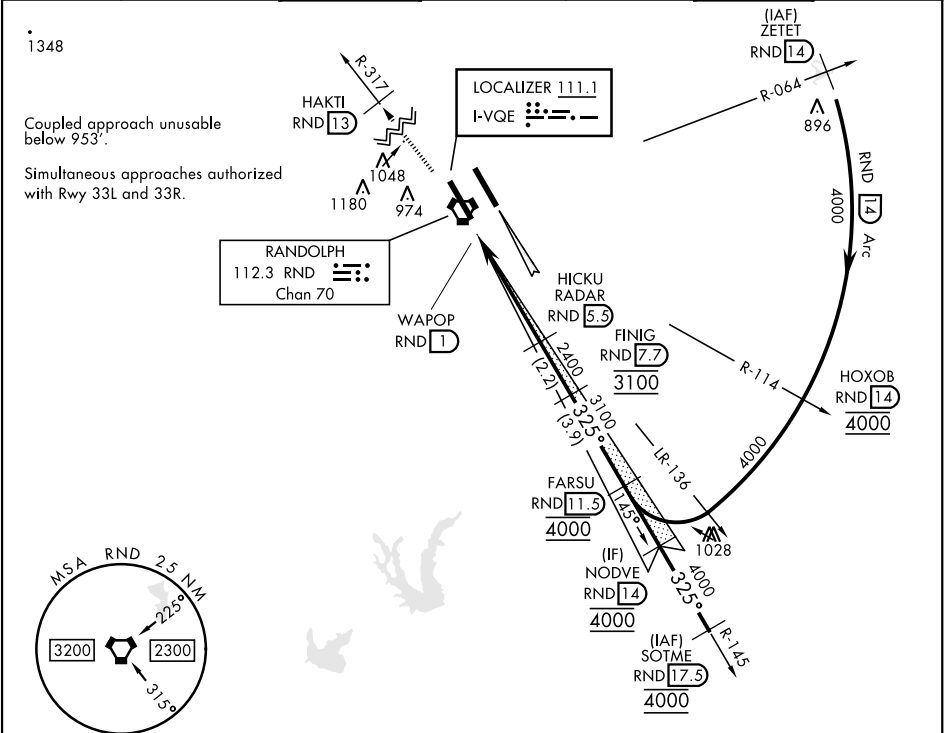
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

UNIVERSAL CITY, TEXAS

ILS or LOC RWY 33L

LOC I-VQE <u>111.1</u>	APCH CRS 325°	Rwy Idg 8352 TDZE 733 Arpt Elev 761	[USAF]	RANDOLPH AFB (KRND)		
RADAR or DME required.			MISSED APPROACH: Climb to 3000 on RND VORTAC R-317 to 13 DME (HAKTI). Expect ATC instructions.			
* Circling not authorized NE of Rwy 15R-33L.						
ATIS ★ 290.525	SAN ANTONIO APP CON 128.05 318.1	TOWER ★ 128.25 294.7	GND CON 119.65 275.8	HANGOVER ATIS ★ 327.8	HANGOVER TOWER ★ 120.5 291.1	HANGOVER GND CON 124.75 353.75



EMERG SAFE ALT 100 NM 4100						ELEV 761		TDZE 733	
3000 RND R-317 HAKTI RND 13		WAPOP RND 1 HICKU RADAR RND 5.5 FINIG RND 7.7 FARSU RND 11.5 NODVE RND 14				ALS Rwy 15L nstd len 2100' HIRL all rwys			
325° 4000 4000 GS 3.00° TCH 47									
CATEGORY	A	B	C	D	E				
S-ILS 33L	933/40		200	(200-¾)					
S-LOC 33L	1080/55		347	(400-1)					
CIRCLING*	1240-1 479 (500-1)	1280-1 519 (600-1)	1500-2 739 (800-2)	2000-3	1239 (1300-3)				

ILS or LOC RWY 33L

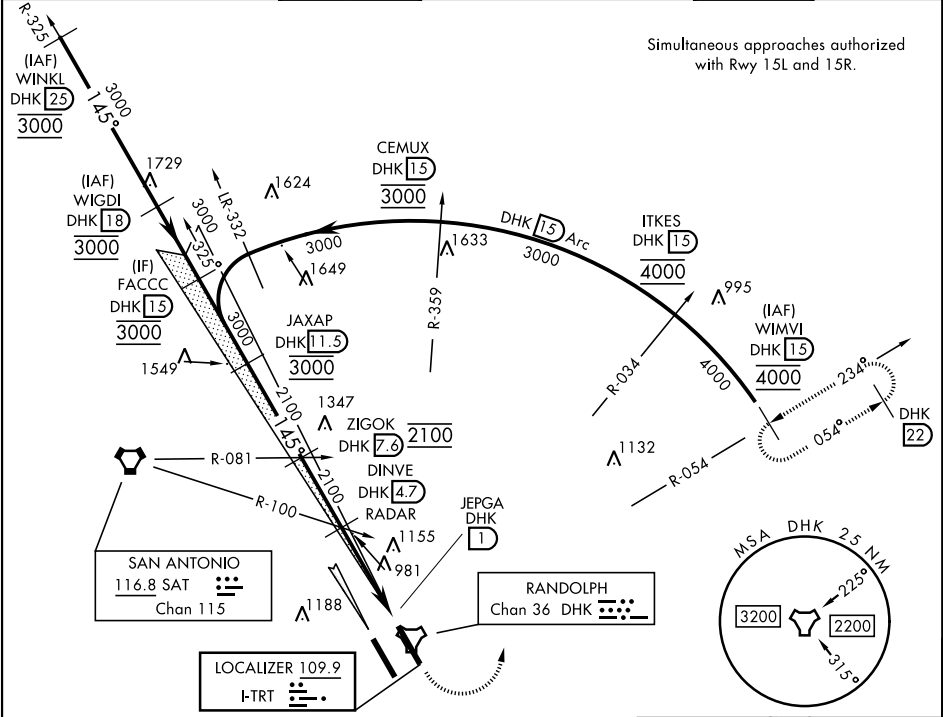
SC-3, 03 SEP 2026 to 29 OCT 2026

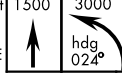
SC-3, 03 SEP 2026 to 29 OCT 2026

UNIVERSAL CITY, TEXAS

ILS or LOC Y RWY 15L

LOC I-TRT <u>109.9</u>	APCH CRS 145°	Rwy Idg 8351 TDZE 742 Arpt Elev 761	[USAF]	RANDOLPH AFB (KRND)		
RADAR or DME required			ALSIF-1 	MISSED APPROACH: Climb to 1500, then climbing left turn heading 024° to 3000. Intercept DHK TACAN R-054 to WIMVI and hold.		
* When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE to 1½ miles. ** Circling not authorized SW of Rwy 15L-33R.						
ATIS ★ 290.525	SAN ANTONIO APP CON 128.05 318.1	TOWER ★ 128.25 294.7	GND CON 119.65 275.8	HANGOVER ATIS ★ 327.8	HANGOVER TOWER ★ 120.5 291.1	HANGOVER GND CON 124.75 353.75



EMERG SAFE ALT 100 NM 4100						ELEV 761		TDZE 742			
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 46)								DHK R-054		WIMVI DHK 15	
FACCC DHK 15		JAXAP DHK 11.5		ZIGOK DHK 7.6		DINVE DHK 4.7		RADAR 2100		JEPGA DHK 1	
3000		3000		145°		2100		2100		3.7 NM	
GS 3.00° TCH 41										0.5 NM	
CATEGORY						A		B		C	
S-ILS 15L						942/40		200		(200-¾)	
S-LOC 15L *						1260/40 518 (500-¾)		1260-1¼ 518 (500-1¼)			
CIRCLING **						1260-1 499 (500-1)		1260-1½ 499 (500-1½)		1900-3 1139 (1200-3)	
HIRL all rwys ALS Rwy 15L nstd len 2100'						FAF to MAP 3.7 NM					
Knots						60		90		120 150 180	
Min:Sec						3:42		2:28		1:51 1:29 1:14	

UNIVERSAL CITY, TEXAS 29°32'N-98°17'W RANDOLPH AFB (KRND)

Amtd 3 20FEB25

ILS or LOC Y RWY 15L

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ILS or LOC Y RWY 33R

LOC I-RND 109.3		APCH CRS 325°		Rwy Idg TDZE Arprt Elev 8351 734 761		[USAF]		RANDOLPH AFB (KRND)																																																					
RADAR or DME required						ALSF-1 		MISSED APPROACH: Climb to 1500, then climbing right turn hdg 084° to 3000. Intercept DHK R-054 to WIMVI and hold.																																																					
* When ALS inop, increase RVR to 40 and vis to 3/4 mile. ** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE vis to 1 1/2 miles. *** Circling not authorized SW of Rwy 15L-33R.																																																													
ATIS ★ 290.525		SAN ANTONIO APP CON 128.05 318.1		TOWER ★ 128.25 294.7		GND CON 119.65 275.8		HANGOVER ATIS ★ 327.8		HANGOVER TOWER ★ 120.5 291.1		HANGOVER GND CON 124.75 353.75																																																	
Simultaneous approaches authorized with Rwy 33R and 33L.																																																													
1394																																																													
EMERG SAFE ALT 100 NM 4100 ELEV 761 TDZE 734																																																													
<table><tr><td colspan="2">CATEGORY</td><td colspan="2">A</td><td colspan="2">B</td><td colspan="2">C</td><td colspan="2">D</td><td colspan="2">E</td></tr><tr><td colspan="2">S-ILS 33R *</td><td colspan="2">933/24</td><td colspan="2">200</td><td colspan="2">(200-1/2)</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">S-LOC 33R **</td><td colspan="2">1180/24 447 (500-1/2)</td><td colspan="2">1180/45 447 (500-7/8)</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">CIRCLING ***</td><td colspan="2">1240-1 479 (500-1)</td><td colspan="2">1260-1 1/2 499 (500-1 1/2)</td><td colspan="2">1900-3 1139 (1200-3)</td><td colspan="2"></td><td colspan="2"></td></tr></table>														CATEGORY		A		B		C		D		E		S-ILS 33R *		933/24		200		(200-1/2)						S-LOC 33R **		1180/24 447 (500-1/2)		1180/45 447 (500-7/8)								CIRCLING ***		1240-1 479 (500-1)		1260-1 1/2 499 (500-1 1/2)		1900-3 1139 (1200-3)					
CATEGORY		A		B		C		D		E																																																			
S-ILS 33R *		933/24		200		(200-1/2)																																																							
S-LOC 33R **		1180/24 447 (500-1/2)		1180/45 447 (500-7/8)																																																									
CIRCLING ***		1240-1 479 (500-1)		1260-1 1/2 499 (500-1 1/2)		1900-3 1139 (1200-3)																																																							

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

UNIVERSAL CITY, TEXAS

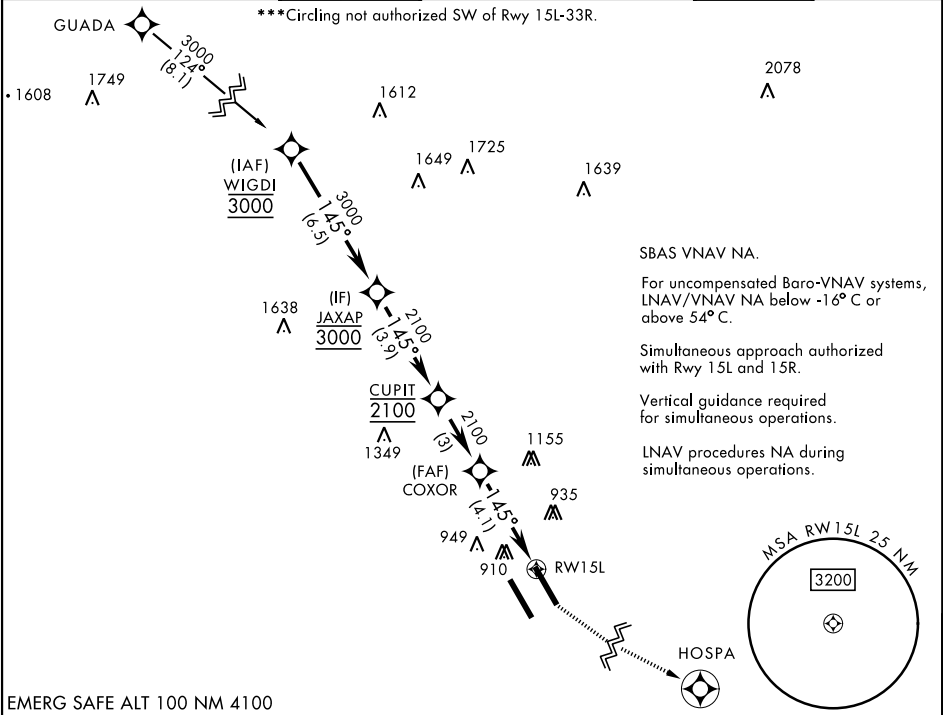
RNAV (GPS) RWY 15L

APCH CRS	Rwy Idg	8351
145°	TDZE	742
	Arpt Elev	761

[USAF]

RANDOLPH AFB (KRND)

RNP APCH - GPS		ALSF-1 	MISSED APPROACH: Climb to 1500, then climbing left turn to 3000 direct HOSPA. Expect ATC instructions.		
*When ALS inop, increase CAT ABC RVR to 45, vis to 7/8 mile, CAT DE RVR to 50, vis to 1 mile. **When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE vis to 1 3/8 miles.					
ATIS★ 290.525	SAN ANTONIO APP CON 128.05 318.1	TOWER★ 128.25 294.7	GND CON 119.65 275.8	HANGOVER ATIS★ 327.8	HANGOVER TOWER★ 120.5 291.1
					HANGOVER GND CON 124.75 353.75



WIGDI		JAXAP	CUPIT	COXOR	RW15L	ELEV 761	TDZE 742
3000		3000	2100	2100	1500 3000 HOSPA		
GP 3.00° TCH 46							
CATEGORY	A	B	C	D	E		
LNAV/VNAV DA *	1043/40 301 (300-3/4)	1054/40 312 (300-3/4)	1062/40 320 (400-3/4)	1073/40 331 (400-3/4)			
LNAV MDA**	1260/40 518 (500-3/4)		1260-1 1/4 518 (500-1 1/4)				
CIRCLING ***	1260-1 499 (500-1)		1260-1 1/2 499 (500-1 1/2)	1900-3 1139 (1200-3)			
						HIRL all rwys ALS Rwy 15L nstd len 2100'	

UNIVERSAL CITY, TEXAS

29°32'N-98°17'W

RANDOLPH AFB (KRND)

Amtd 4 20FEB25

RNAV (GPS) RWY 15L

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

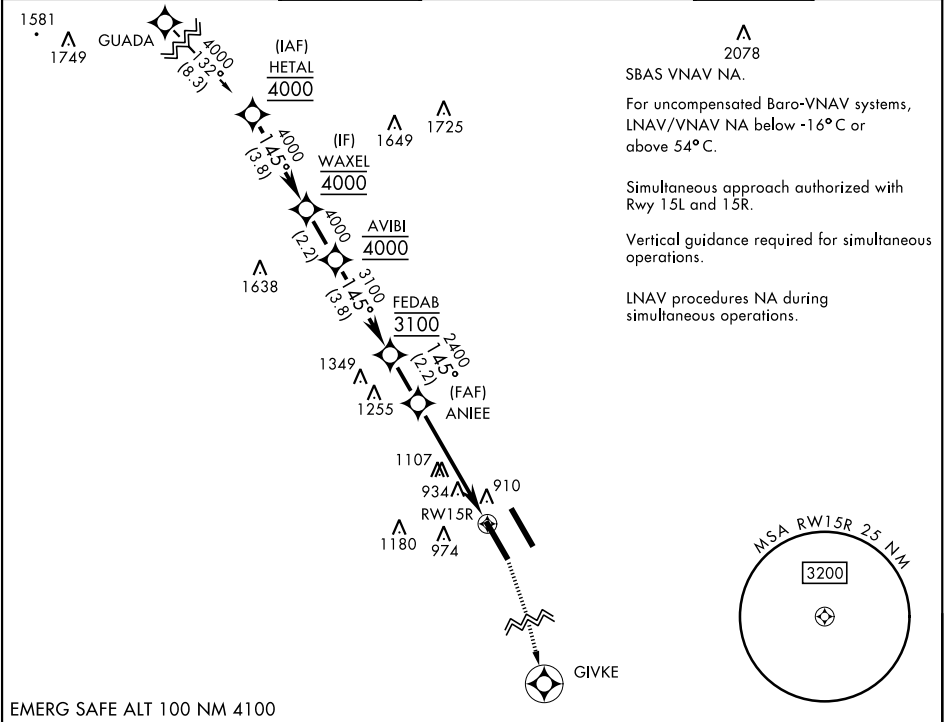
RNAV (GPS) RWY 15R

APCH CRS	Rwy Idg	8352
145°	TDZE	761
	Arpt Elev	761

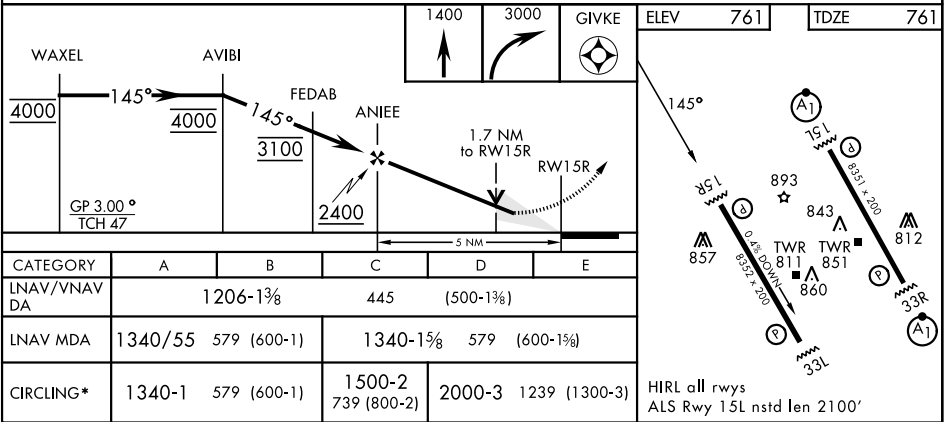
[USAF]

RANDOLPH AFB (KRND)

RNP APCH - GPS			MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct GIVKE. Expect ATC instructions.			
* Circling not authorized NE of Rwy 15R-33L.						
ATIS★ 290.525	SAN ANTONIO APP CON 128.05 318.1	TOWER★ 128.25 294.7	GND CON 119.65 275.8	HANGOVER ATIS★ 327.8	HANGOVER TOWER★ 120.5 291.1	HANGOVER GND CON 124.75 353.75



EMERG SAFE ALT 100 NM 4100



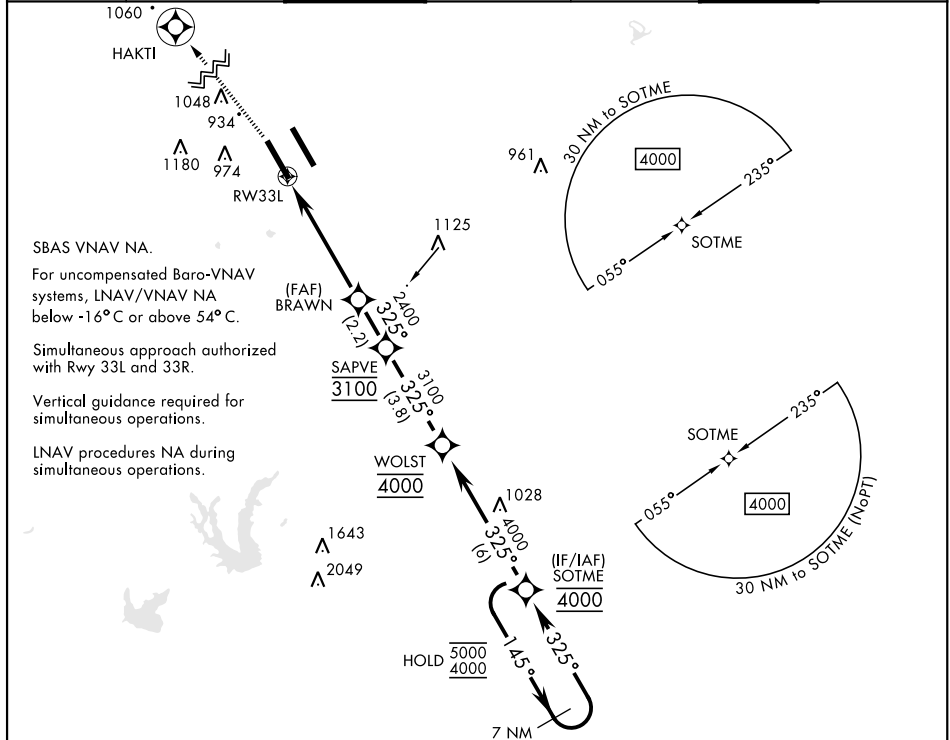
RNAV (GPS) RWY 15R

UNIVERSAL CITY, TEXAS

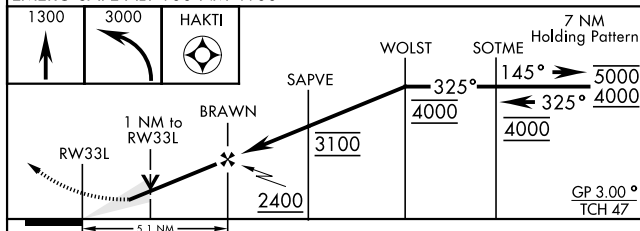
RNAV (GPS) RWY 33L

RNAV (GPS) RWY 33L

APCH CRS 325°	Rwy Idg TDZE Arpt Elev	8352 733 761	[USAF]		RANDOLPH AFB (KRND)		
RNP APCH - GPS			MISSED APPROACH: Climb to 1300, then climbing left turn to 3000 direct HAKTI. Expect ATC instructions.				
*Circling not authorized NE of Rwy 15R-33L.							
ATIS ★ 290.525	SAN ANTONIO APP CON 128.05 318.1	TOWER ★ 128.25 294.7	GND CON 119.65 275.8	HANGOVER ATIS ★ 327.8	HANGOVER TOWER ★ 120.5 291.1	HANGOVER GND CON 124.75 353.75	



EMERG SAFE ALT 100 NM 4100



CATEGORY	A	B	C	D	E
INAV/VNAV DA	983/40	250	(300-34)	992/40 259 (300-34)	1030/45 297 (300-76)
INAV MDA	1080/55		347	(400-1)	
CIRCLING*	1240-1 479 (500-1)	1280-1 519 (600-1)	1500-2 739 (800-2)	2000-3	1239 (1300-3)

UNIVERSAL CITY, TEXAS

29°32'N-98°17'W

RANDOLPH AFB (KRND)

Amdt 4 20FEB25

RNAV (GPS) RWY 33L

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

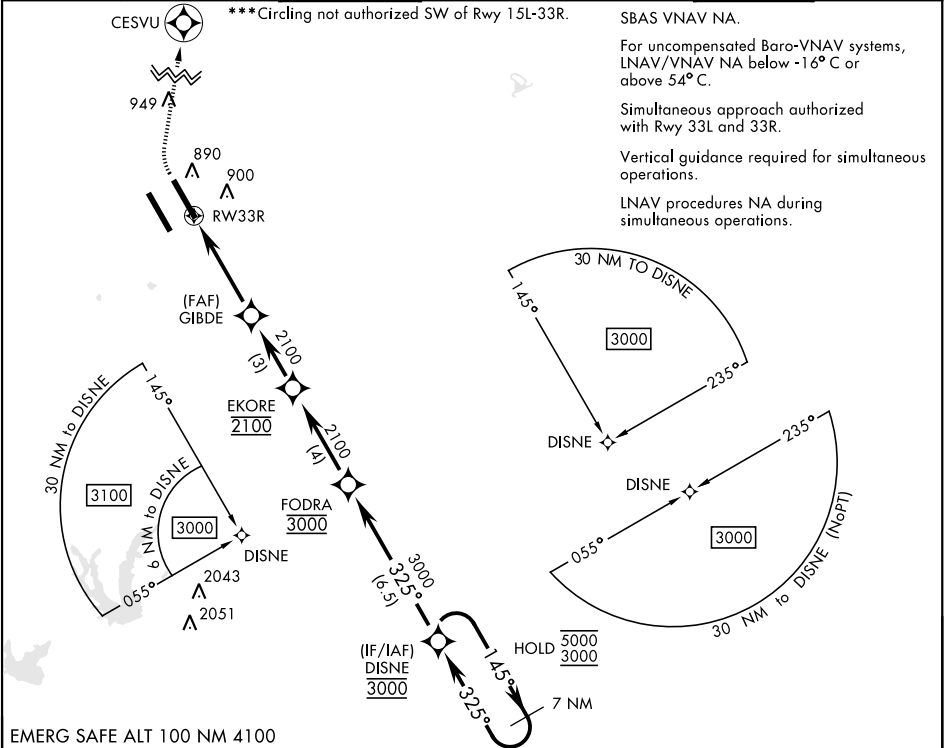
RNAV (GPS) RWY 33R

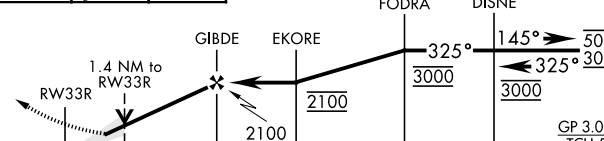
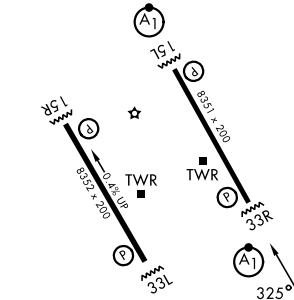
APCH CRS	Rwy Idg	8351
325°	TDZE	734
	Arpt Elev	761

[USAF]

RANDOLPH AFB (KRND)

RNP APCH - GPS				ALSF-1 A1 1000ft	MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct CESVU. Expect ATC instructions.		
* When ALS inop, increase CAT ABCD RVR to 40, vis to ¾ mile; CAT E RVR to 45, vis to ⅞ mile. ** When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile; CAT CDE vis to 1 ⅜ miles.							
ATIS ★ 290.525	SAN ANTONIO APP CON 128.05 318.1	TOWER ★ 128.25 294.7	GND CON 119.65 275.8	HANGOVER ATIS ★ 327.8	HANGOVER TOWER ★ 120.5 291.1	HANGOVER GND CON 124.75 353.75	



1500 		3000 		CESVU 		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 42).					ELEV 761		TDZE 734		
															
CATEGORY		A		B		C		D		E					
LNAV/VNAV DA *		983/24		250 (300-½)				987/24		1025/24					
LNAV MDA **		1200/24		467 (500-½)		1200/50		467		(500-1)					
CIRCLING ***		1240-1		479 (500-1)		1260-1½ 499 (500-1½)		1900-3		1139 (1200-3)					
HIRL all rwys ALS Rwy 15L nstd len 2100'															

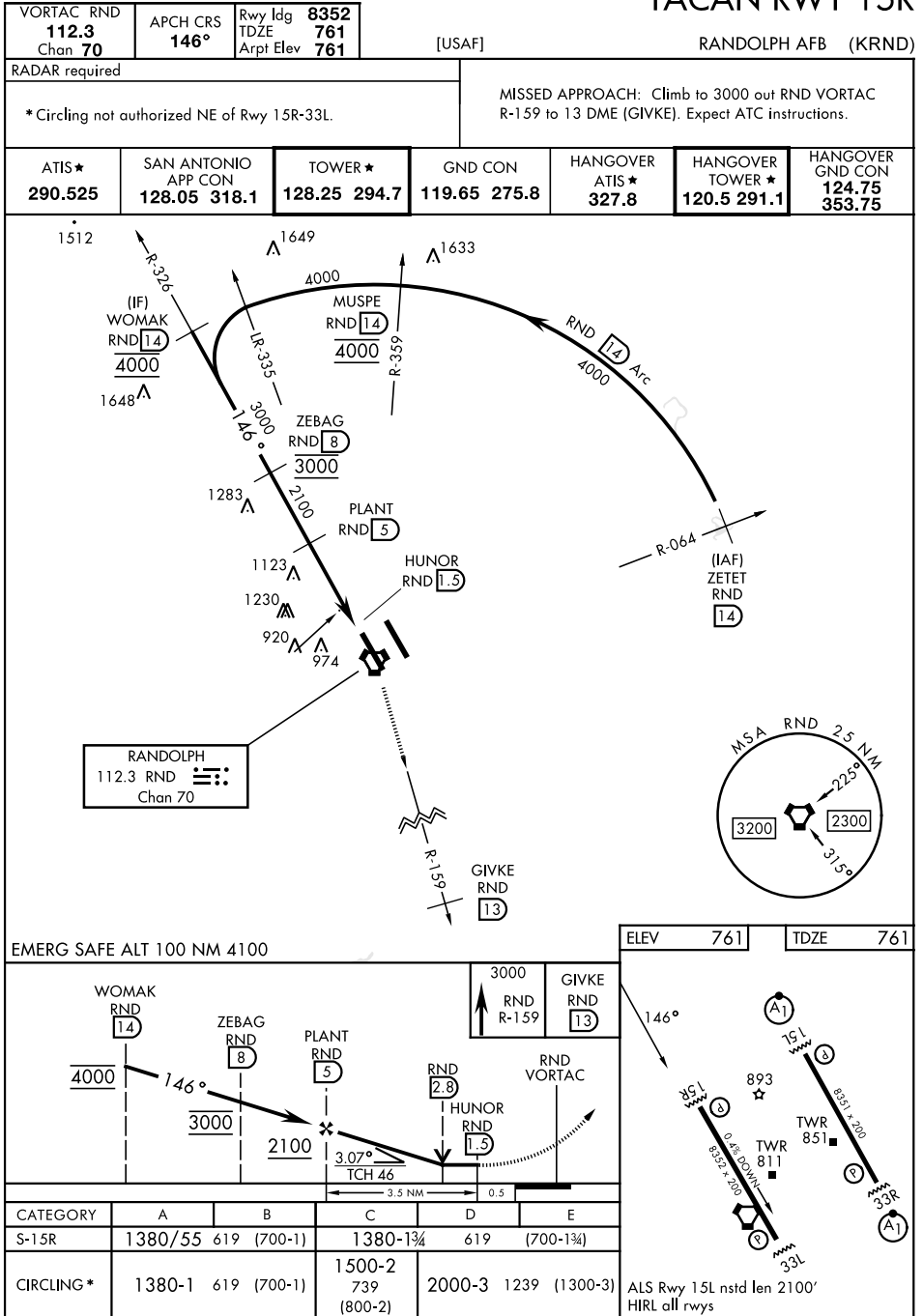
RNAV (GPS) RWY 33R

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

UNIVERSAL CITY, TEXAS

TACAN RWY 15R



UNIVERSAL CITY, TEXAS

29°32'N-98°17'W

RANDOLPH AFB (KRND)

Amdt 3 26DEC24

TACAN RWY 15R

UNIVERSAL CITY, TEXAS

TACAN RWY 33L

VORTAC RND 112.3 Chan 70	APCH CRS 323°	Rwy Idg 8352 TDZE 733 Arpt Elev 761
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[USAF]

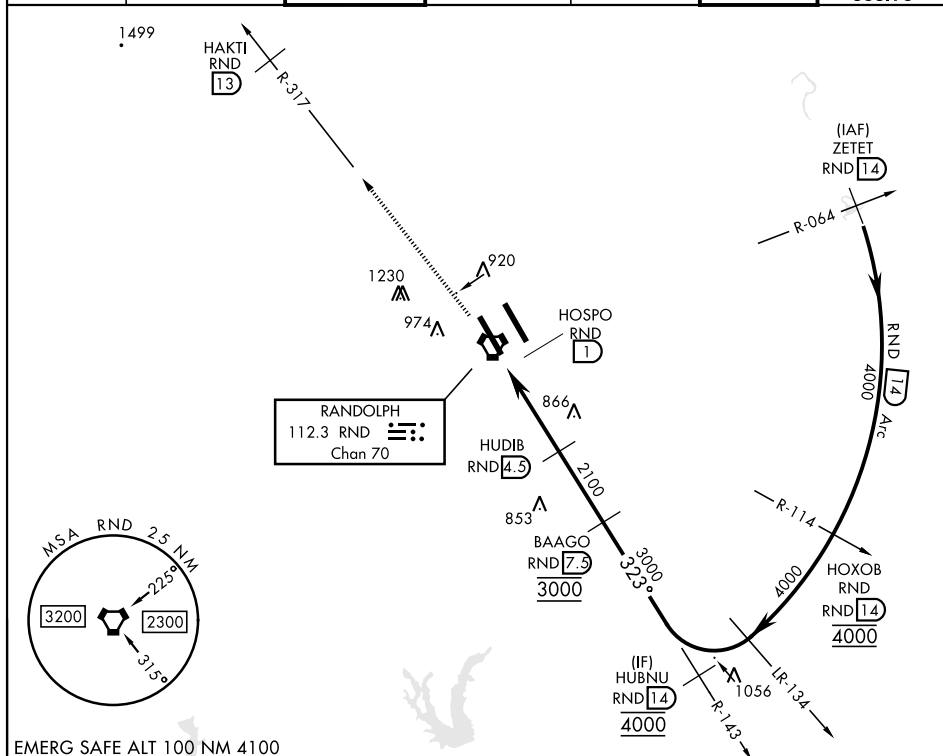
RANDOLPH AFB (KRND)

RADAR required

* Circling not authorized NE of Rwy 15R-33L.

MISSED APPROACH: Climb to 3000 out RND VORTAC R-317 to RND 13 DME (HAKTI). Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	TOWER ★	GND CON	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	327.8	120.5 291.1	124.75 353.75



EMERG SAFE ALT 100 NM 4100

UNIVERSAL CITY, TEXAS

29°32'N-98°17'W

RANDOLPH AFB (KRND)

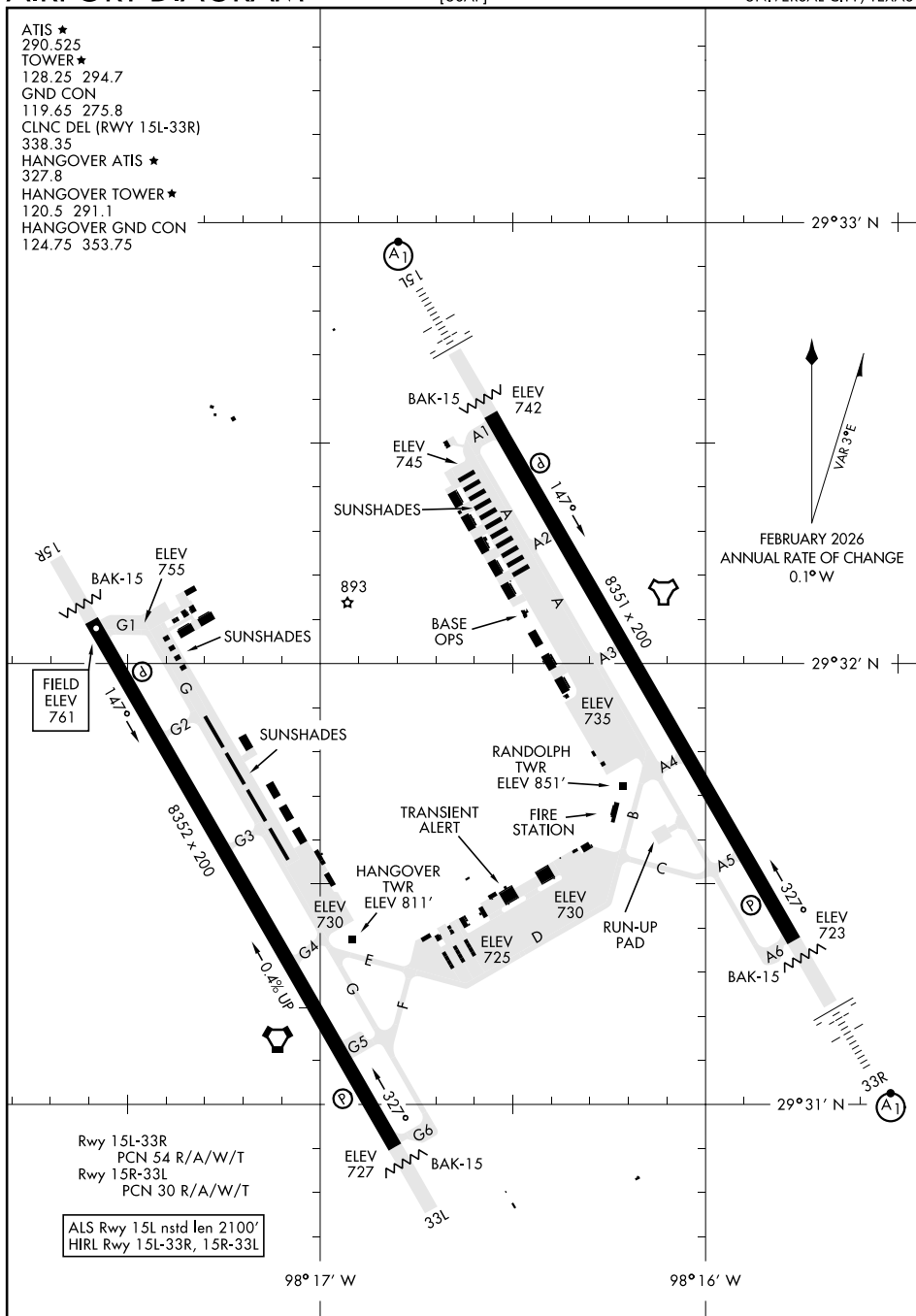
Amdt 3 26DEC24

TACAN RWY 33L

AIRPORT DIAGRAM

[USAF]

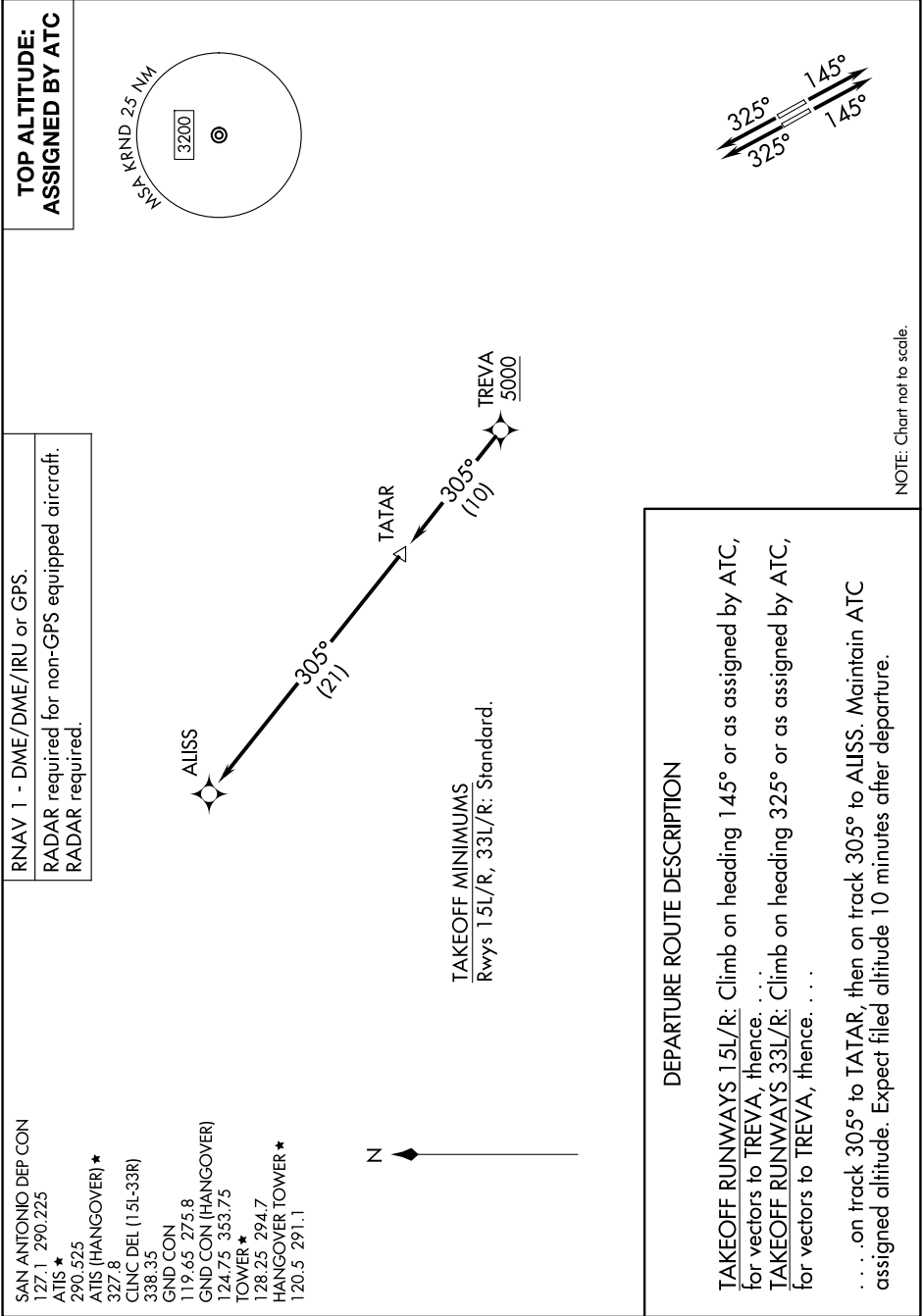
ATIS ★
 290.525
 TOWER ★
 128.25 294.7
 GND CON
 119.65 275.8
 CLNC DEL (RWY 15L-33R)
 338.35
 HANGOVER ATIS ★
 327.8
 HANGOVER TOWER ★
 120.5 291.1
 HANGOVER GND CON
 124.75 353.75



SC-3, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

UNIVERSAL CITY, TEXAS
RANDOLPH AFB (KRND)



(SLENA2.SLENA) 25219

AL-341 (FAA)

RANDOLPH AFB (KRND)

UNIVERSAL CITY, TEXAS

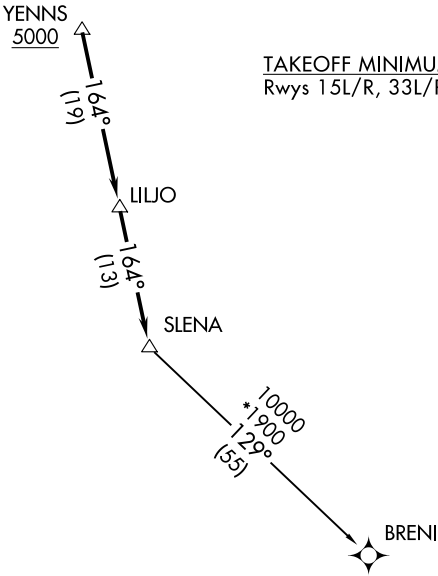
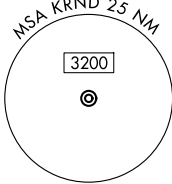
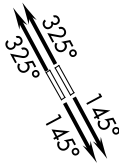
SLENA TWO DEPARTURE (RNAV)

SAN ANTONIO DEP CON
127.1 290.225
ATIS ★
290.525
ATIS (HANGOVER) ★
327.8
CLNC DEL (15L-33R)
338.35
GND CON
119.65 275.8
GND CON (HANGOVER)
124.75 353.75
TOWER ★
128.25 294.7
HANGOVER TOWER ★
120.5 291.1

RNAV 1 - DME/DME/IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

TOP ALTITUDE:
ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 15L/R, 33L/R: Standard.

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 15L/R: Climb on heading 145° or as assigned by ATC, for vectors to YENNS. Thence. . .

TAKEOFF RUNWAYS 33L/R: Climb on heading 325° or as assigned by ATC, for vectors to YENNS. Thence. . .

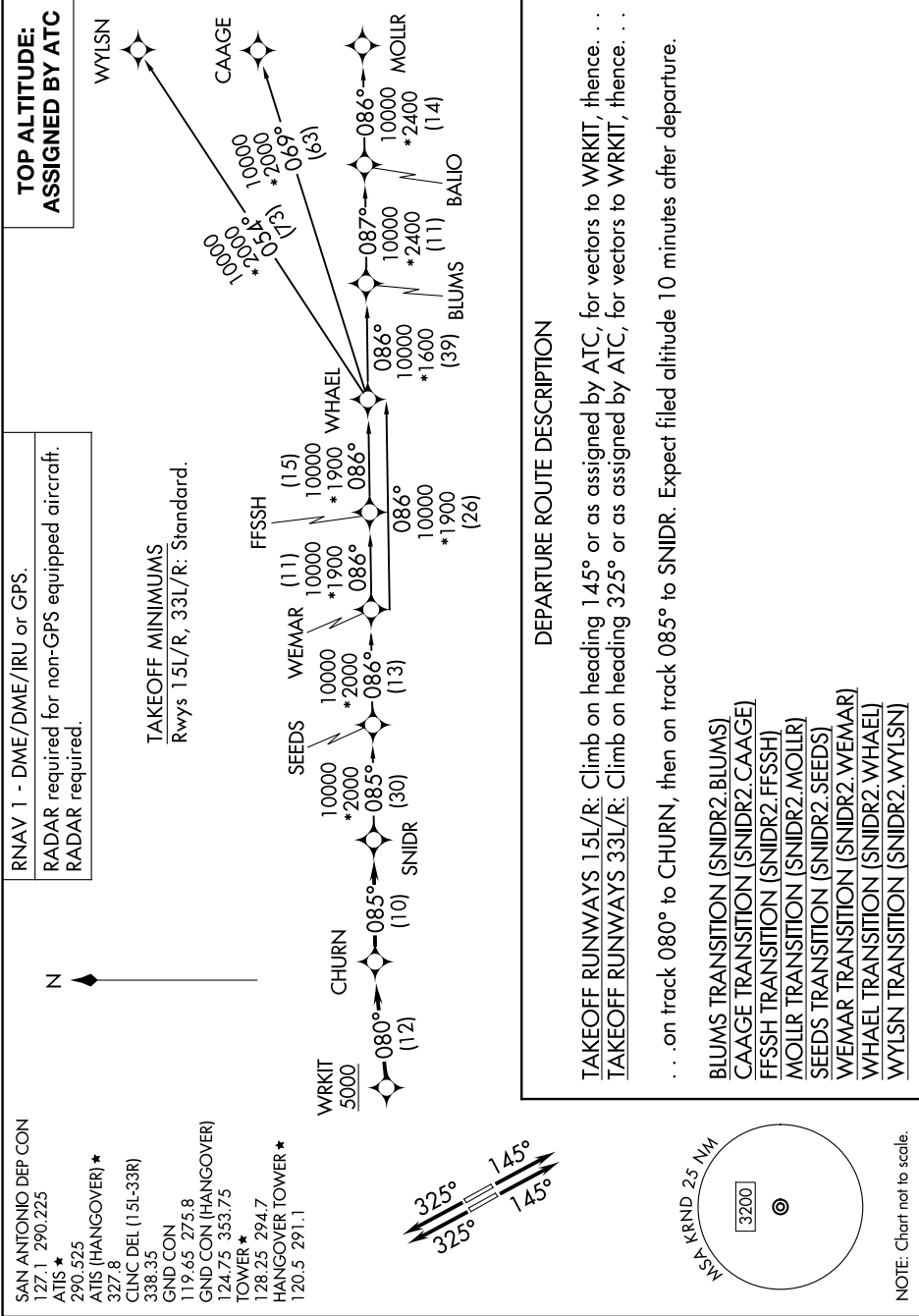
. . .on track 164° to LILJO, then on track 164° to SLENA, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

BRENI TRANSITION (SLENA2.BRENI)

SLENA TWO DEPARTURE (RNAV)

(SLENA2.SLENA) 07AUG25

UNIVERSAL CITY, TEXAS
RANDOLPH AFB (KRND)



(TJANO2.TJANO) 25219

AL-341 (FAA)

RANDOLPH AFB (KRND)
UNIVERSAL CITY, TEXAS

TJANO TWO DEPARTURE (RNAV)

SAN ANTONIO DEP CON
127.1 290.225
ATIS ★
290.525
ATIS (HANGOVER) ★
327.8
CLNC DEL (15L-33R)
338.35
GND CON
119.65 275.8
GND CON (HANGOVER)
124.75 353.75
TOWER ★
128.25 294.7
HANGOVER TOWER ★
120.5 291.1

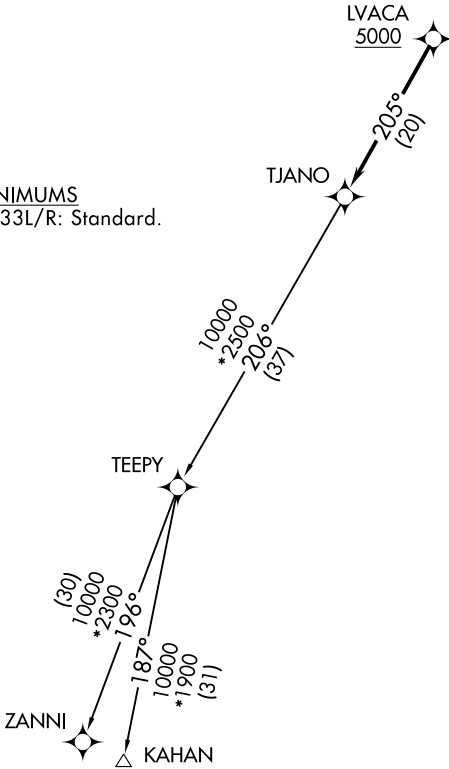
RNAV 1 - DME/DME IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

**TOP ALTITUDE:
ASSIGNED BY ATC**

TAKEOFF MINIMUMS

Rwys 15L/R, 33L/R: Standard.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 15L/R: Climb on heading 145° or as assigned by ATC, for vectors to LVACA, thence. . .

TAKEOFF RUNWAYS 33L/R: Climb on heading 325° or as assigned by ATC, for vectors to LVACA, thence. . .

. . .on track 205° to TJANO, then on transition. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

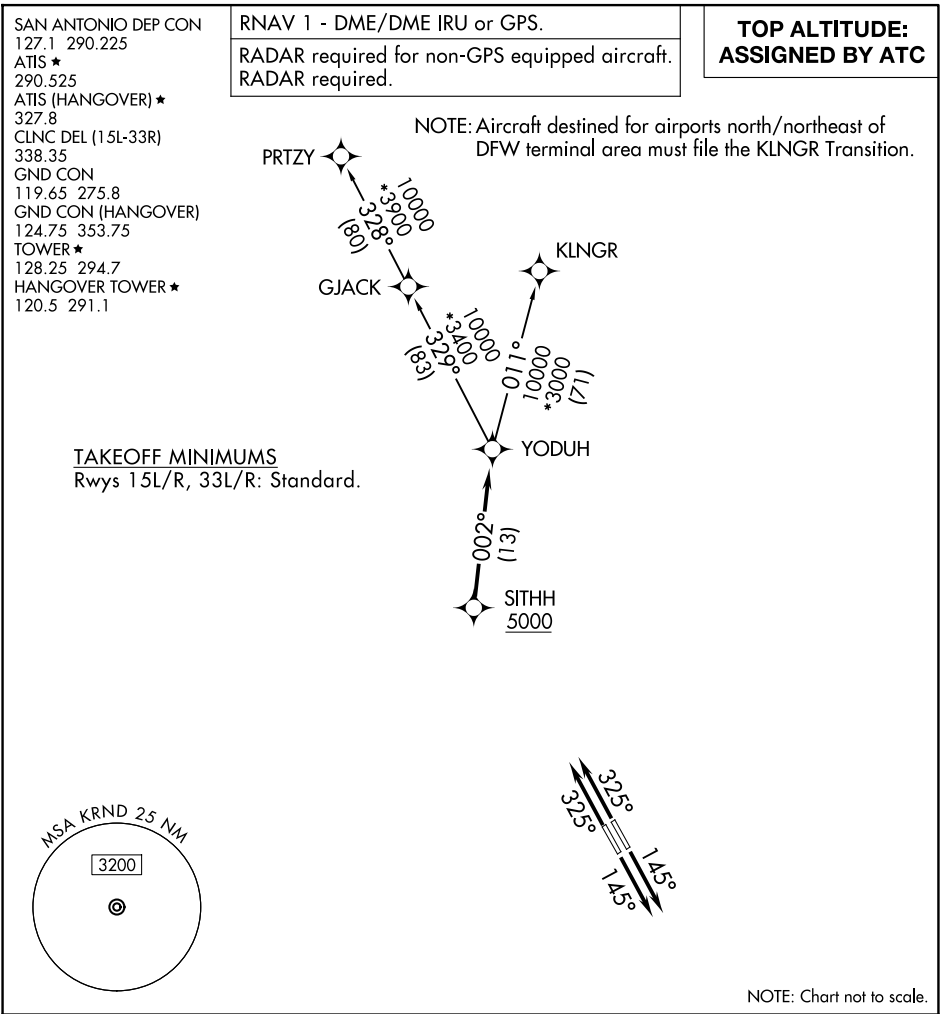
KAHAN TRANSITION (TJANO2.KAHAN)

ZANNI TRANSITION (TJANO2.ZANNI)

TJANO TWO DEPARTURE (RNAV)

(TJANO2.TJANO) 07AUG25

UNIVERSAL CITY, TEXAS
RANDOLPH AFB (KRND)



ROBSTOWN, TEXAS

AL-6929 (FAA)

25219

WAAS CH 97430 W13A	APP CRS 129°	Rwy Ldg 3700 TDZE 80 Apt Elev 80
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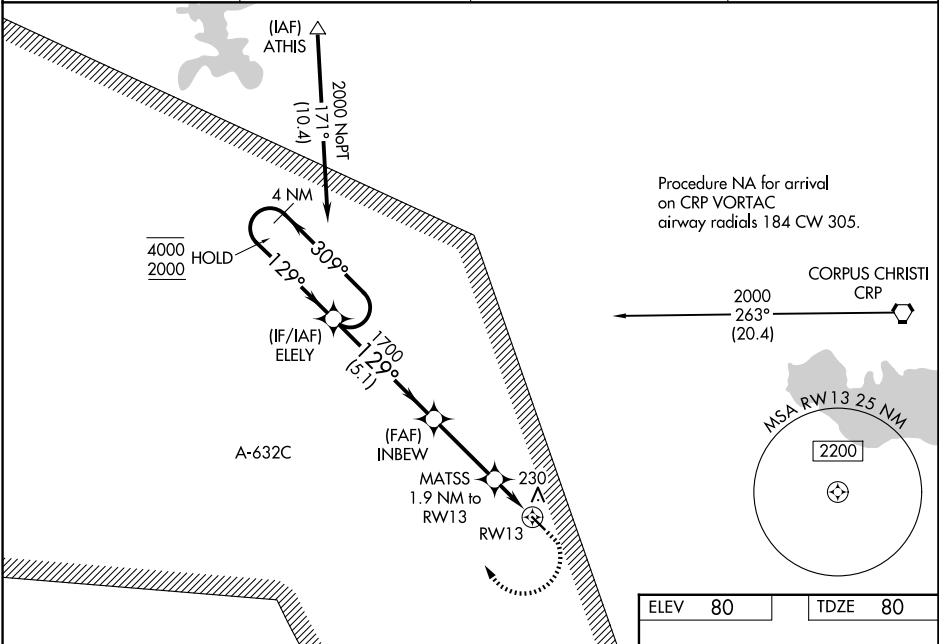
RNAV (GPS) RWY 13
NUECES COUNTY (RBO)

RNP APCH.

⚠ Circling NA northeast of Rwy 13-31. Procedure NA at night. Baro-VNAV and VDP NA when using Corpus Christi Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. When local altimeter setting not received, use Corpus Christi Intl altimeter setting and increase LPV DA to 358 feet, LNAV/VNAV DA to 400 feet and all MDA 40 feet.

MISSED APPROACH: Climb to 540 then climbing right turn to 2000 direct ELEY and hold.

AWOS-3 118.175	CORPUS APP CON ★ 120.9 348.725	CTAF 122.9	122.8 0
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4 NM Holding Pattern

ELEY

INBEW

GP 3.00° TCH 40

4000 ← 309°

2000 → 129°

1700

1700

5.1 NM

3.1 NM

0.8 NM

1.1 NM

MATSS 1.9 NM to RWY 13

*1.1 NM to RWY 13

RWY 13

*720

*LNAV only.

CATEGORY	A	B	C	D
LPV DA	330-1	250 (300-1)	NA	
LNAV/VNAV DA	372-1	292 (300-1)	NA	
LNAV MDA	480-1	400 (400-1)	NA	
CIRCLING	540-1 460 (500-1)	640-1 560 (600-1)	NA	

ELEV 80 TDZE 80

129°

129°

3700 X 75

MIRL Rwy 13-31 0

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 50340 W31A	APP CRS 309°	Rwy Ldg 3700 TDZE 79 Apt Elev 80
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RNAV (GPS) RWY 31
NUECES COUNTY (RBO)

T For uncompensated Baro-VNAV systems, INAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). Circling NA northeast of Rwy 13-31. Baro-VNAV and VDP NA when using Corpus Christi Intl altimeter setting. Rwy 31 helicopter visibility reduction below $\frac{3}{4}$ SM NA. DME/DME RNP-0.3 NA. Procedure NA at night. When local altimeter not received, use Corpus Christi Intl altimeter setting and increase LPV DA to 357 feet, INAV/VNAV DA to 398 feet and all MDA 40 feet, increase INAV/VNAV all Cals visibility $\frac{1}{8}$ SM.

MISSED APPROACH: Climb to 2000
direct FLY and hold.

AWOS-3 118.175	CORPUS APP CON ★ 120.9 348.725	CTAF 122.9	122.8 0
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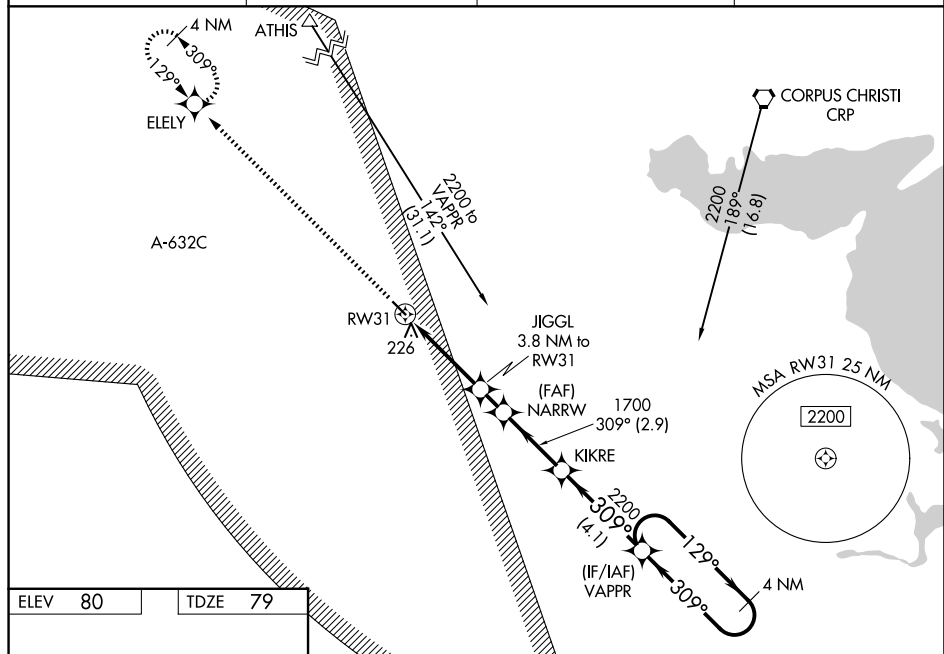


Diagram of MIRL Rwy 13-31 showing a 3700 x 75 runway with a 309° heading. The diagram includes a 4 NM Holding Pattern, a 4 NM Holding Pattern, and a 4 NM Holding Pattern. The diagram also shows the runway's position relative to the airport's centerline and the runway's length.

ROCKPORT, TEXAS

AL-991 (FAA)

19339

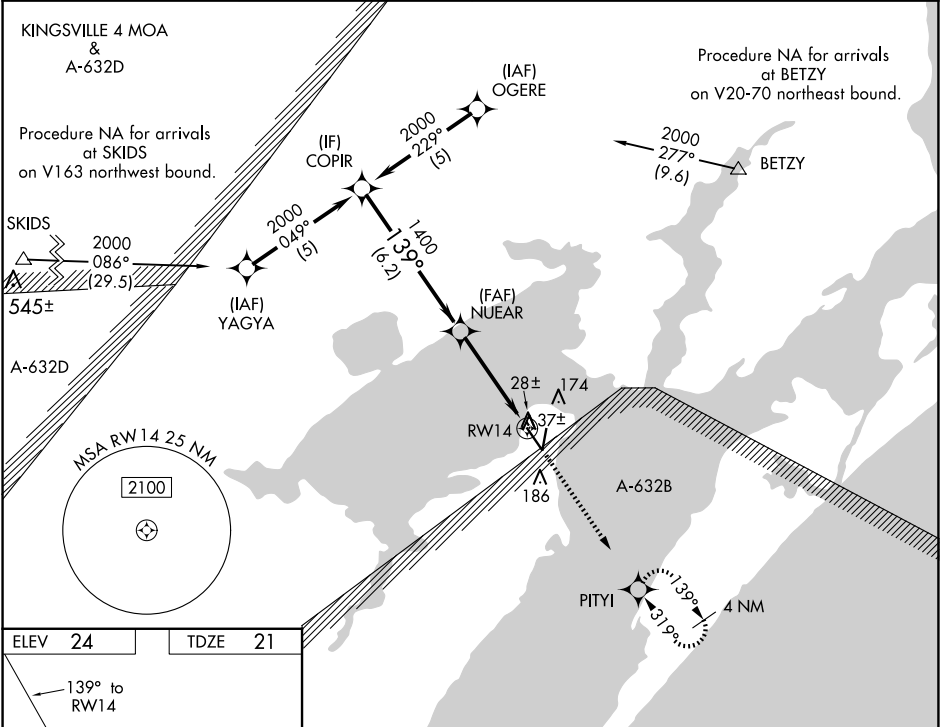
WAAS CH 53617 W14A	APP CRS 139°	Rwy Idg 5608 TDZE 21 Apt Elev 24
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RNAV (GPS) RWY 14
ARANSAS COUNTY (RKP)

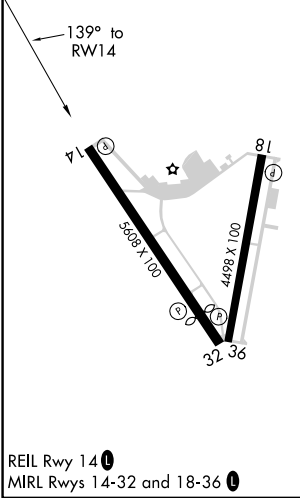
⚠ Baro-VNAV NA when using Ingleside altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Ingleside altimeter setting and increase all DA 33 feet and all MDA 40 feet increase LNAV/VNAV all Cats visibility ¼ mile. VDP NA with Ingleside altimeter setting.

MISSED APPROACH:
Climb to 2000 direct PITYI and hold.

ASOS 119.275	CORPUS APP CON 120.9 348.725	CLNC DEL 121.7	UNICOM 123.05 (CTAF) 0
------------------------	--	--------------------------	----------------------------------



ELEV 24	TDZE 21
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Procedure Turn NA COPIR		* LNAV only	2000	PITYI
2000		139°	NUEAR	
GP 3.00° TCH 35		1400		
		6.2 NM	3.3 NM	0.9 NM
		* 0.9 NM to RWY 14		RWY 14
CATEGORY	A	B	C	D
LPV DA	271-1		250 (300-1)	NA
LNAV/VNAV DA	378-1¼		357 (400-1¼)	NA
LNAV MDA	320-1		299 (300-1)	NA
CIRCLING	500-1		476 (500-1)	500-1½ 476 (500-1½)

ROCKPORT, TEXAS
Amdt 3A 04APR13

28°05'N-97°03'W

ARANSAS COUNTY (RKP)
RNAV (GPS) RWY 14

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 50517 W18A	APP CRS 184°	Rwy Idg TDZE Apt Elev	4498 22 24
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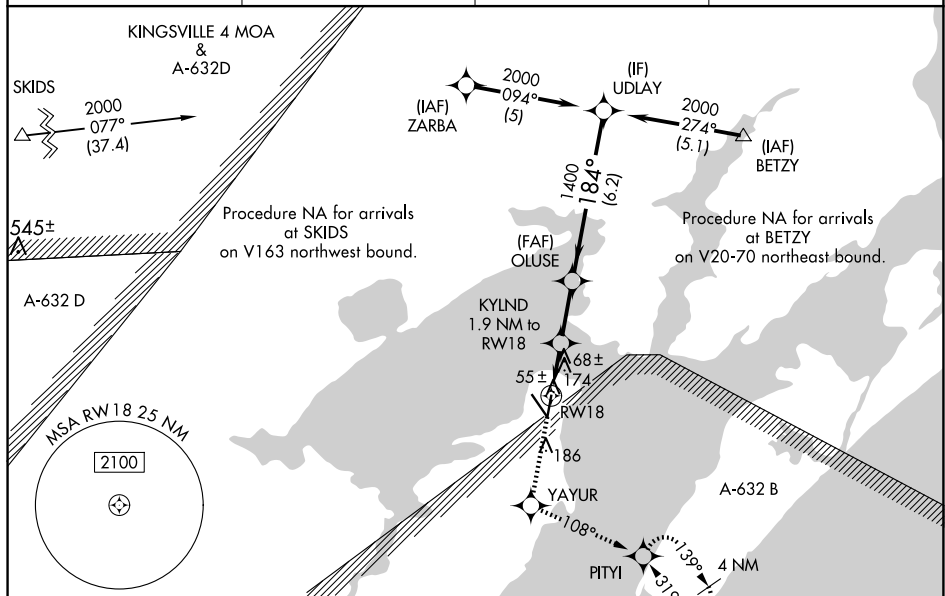
RNAV (GPS) RWY 18

ARANSAS COUNTY (RKP)

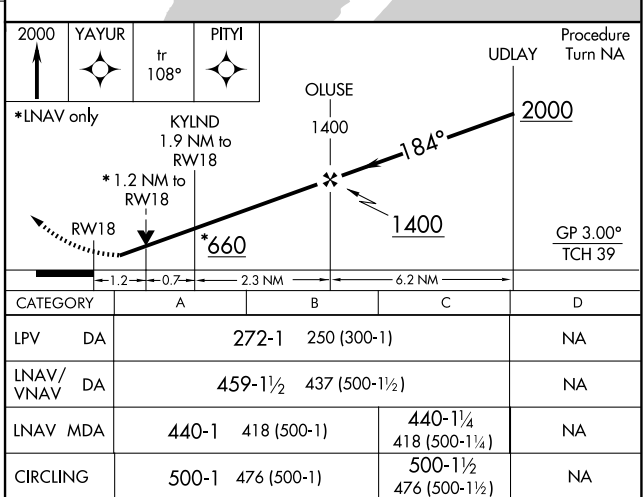
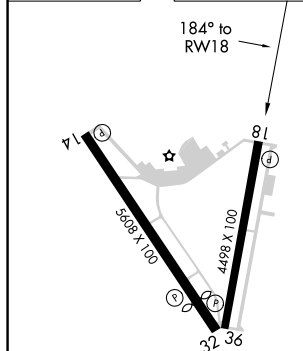
V Baro-VNAV NA when using Ingleside altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Ingleside altimeter setting and increase all DA 33 feet and all MDA 40 feet; increase LNAV/VNAV visibility all Cats ¼ mile. VDP NA with Ingleside altimeter setting.

MISSED APPROACH: Climb to 2000 direct YAYUR and on track 108° to PITYI and hold, continue climb-in-hold to 2000.

ASOS 119,275	CORPUS APP CON 120.9 348,725	CLNC DEL 121,7	UNICOM 123.05 (CTAF) 
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ELEV 24	TDZE 22
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RNAV (GPS) RWY 32
ARANSAS COUNTY (RKP)

MISSED APPROACH:
Climb to 2000 direct
COPIR and hold.

UNICOM
123.05 (CTAF) **L**

Procedure NA for arrivals
at BETZY
on V20-70 northeast bound.

BETZY

A-632D

Procedure NA for arrivals
at SKIDS
on V163 northwest bound

NSA R102 23 NNA

ELEV	24		TDZE	24
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2000	COPR
	

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 40).

Procedure

Turn NA

* LNAV only

REIL Rwy 14 **L**
MIRI Rwy 14-32 and 18-36 **L**

28°05'N-97°03'W

ARANSAS COUNTY (RKP)

RNAV (GPS) RWY 32

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 61317 W36A	APP CRS 004°	Rwy ldg TDZE 23 Apt Elev 24	4498
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RNAV (GPS) RWY 36

ARANSAS COUNTY (RKP)

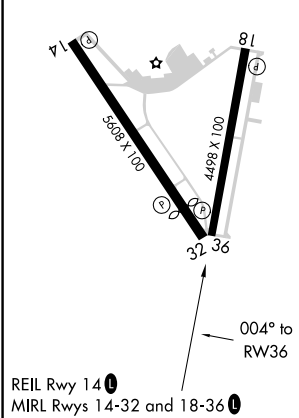
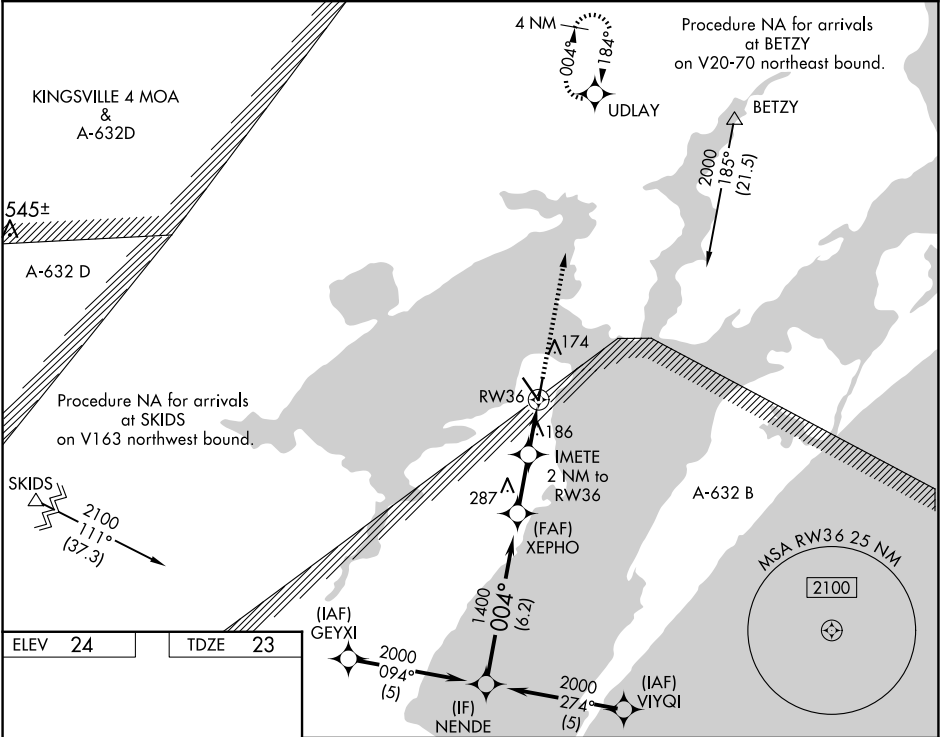
▼

▲

Baro-VNAV NA when using Ingleside altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Ingleside altimeter setting and increase all DA 33 feet and all MDA 40 feet. VDP NA with Ingleside altimeter setting.

MISSED APPROACH:
Climb to 2000 direct
UDLAY and hold.

ASOS 119.275	CORPUS APP CON 120.9 348.725	CLNC DEL 121.7	UNICOM 123.05 (CTAF) 0
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NENDE				XEPHO			
2000				1400			
Procedure Turn NA				IMETE 2 NM to RW36			
GP 3.00°				*1.2 NM to RW36			
TCH 42				RW36			
6.2 NM				2.1 NM			
0.8				1.2			
CATEGORY	A	B	C	D			
LPV DA	273-1	250 (300-1)			NA		
LNAV/VNAV DA	498-1¾	475 (500-1¾)			NA		
LNAV MDA	440-1	417 (500-1)	440-1¼	417 (500-1¼)	NA		
CIRCLING	500-1	476 (500-1)	500-1½	476 (500-1½)	NA		

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ROCKPORT, TEXAS

AL-991 (FAA)

20198

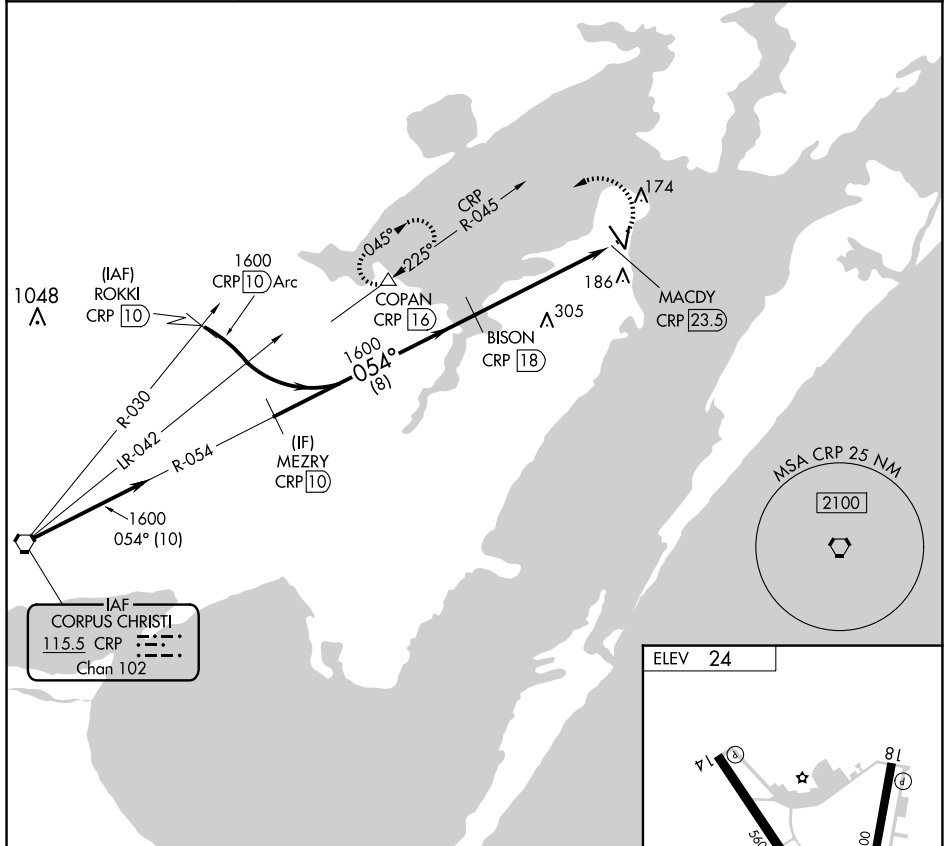
VORTAC CRP 115.5 Chan 102	APP CRS 054°	Rwy Idg TDZE Apt Elev N/A N/A 24
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VOR or TACAN-A

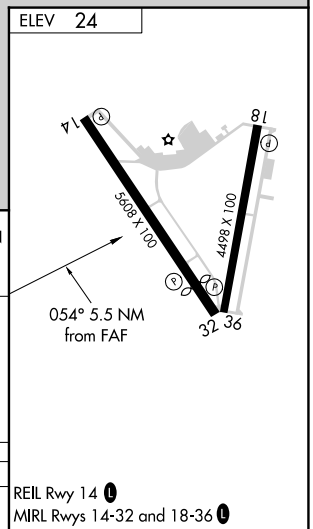
ARANSAS COUNTY (RKP)

DME required. ▼ ▲	MISSED APPROACH: Climbing left turn to 1600 on heading 360° and CRP VORTAC R-045 to COPAN/16 DME and hold.
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ASOS 119.275	CORPUS APP CON 120.9 348,725	CLNC DEL 121.7	UNICOM 123.05 (CTAF) 1
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MEZRY CRP 10		BISON CRP 18	1600 hdg 360°	CRP R-045	COPAN
1600		054°	1600	MACDY CRP 23.5	
8 NM		5.5 NM			
CATEGORY	A	B	C	D	
CIRCLING	800-1 776 (800-1)	800-1¼ 776 (800-1¼)	800-2¼ 776 (800-2¼)	NA	



ROCKPORT, TEXAS
Amdt 9B 05DEC19

28°05'N-97°03'W

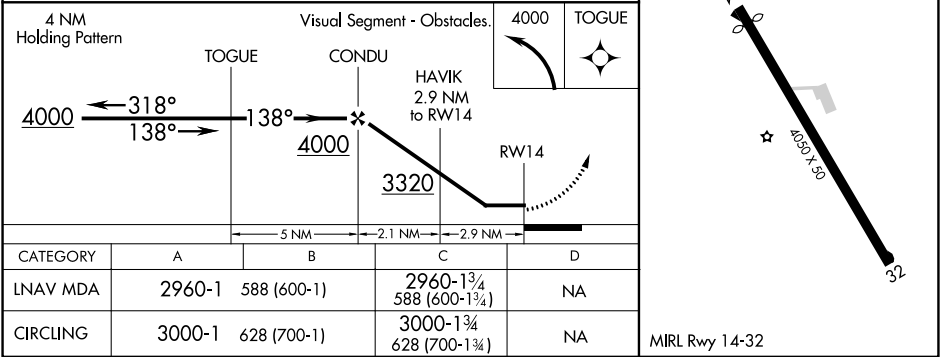
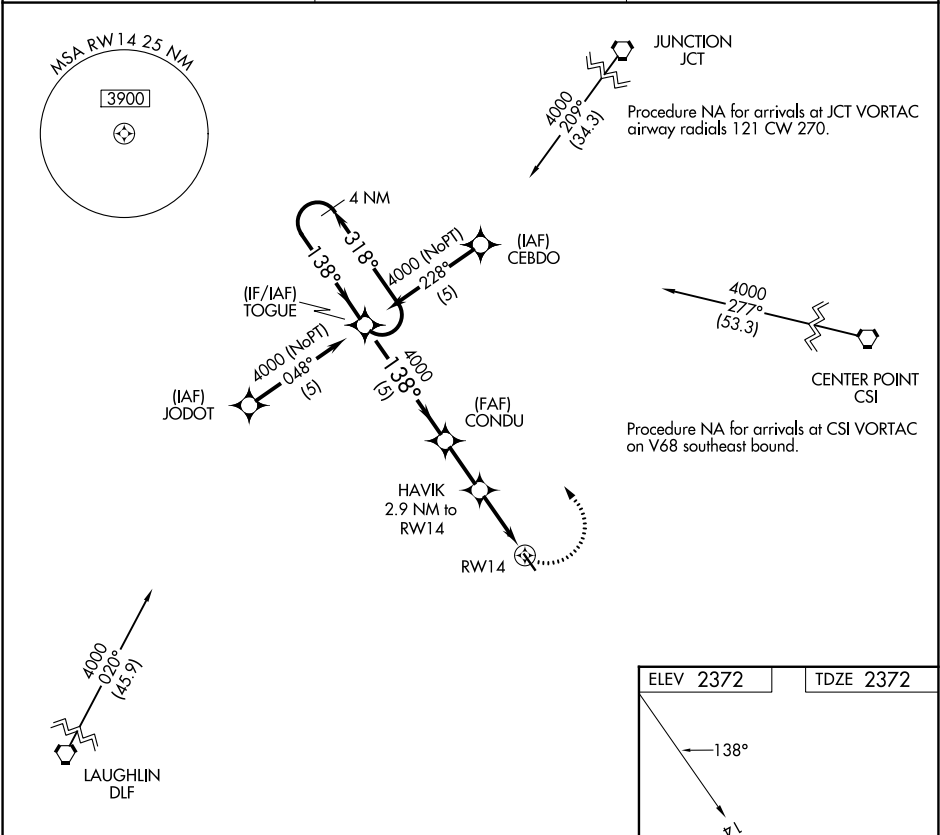
ARANSAS COUNTY (RKP)

VOR or TACAN-A

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

RNP APCH - GPS.		MISSED APPROACH: Climbing left turn to 4000 direct TOGUE and hold.
NA	Procedure NA at night. Helicopter visibility reduction below 1 SM NA.	
AWOS-3 118.175	DEL RIO APP CON ★ 119.6 259.1	CTAF 122.9



ROCKSPRINGS, TEXAS

AL-6005 (FAA)

26246

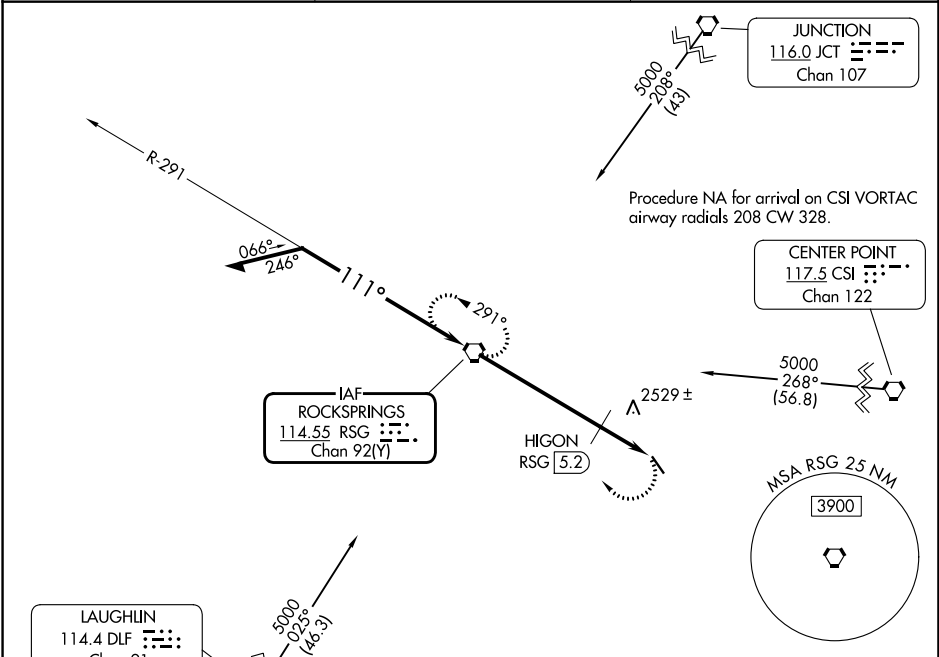
VORTAC RSG 114.55 Chan 92(Y)	APP CRS 111°	Rwy Ldg TDZE 2372 Apt Elev 2372
--	------------------------	---

VOR RWY 14
EDWARDS COUNTY (ECU)

When local altimeter setting not received, use Kimble County altimeter setting and increase all MDAs 180 feet. Procedure NA at night.
Rwy 14 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 5000 direct RSG VORTAC and hold, continue climb-in-hold to 5000.

AWOS-3 118.175	DEL RIO APP CON ★ 119.6 259.1	CTAF 122.9
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Chan 91

Remain
within 10 NM

RSG
VORTAC

Visual Segment - Obstacles.

5000

RSG

5000

291°

111°

4800

* HIGON
RSG 5.2

RSG

7.5

*3040 when using Kimble
County altimeter setting.

*2860

5.2 NM

2.3 NM

CATEGORY

A

B

C

D

S-14

2860-1

488 (500-1)

2860-1¼
488 (500-1¼)

NA

CIRCLING

2860-1

488 (500-1)

2860-1½
488 (500-1½)

NA

HIGON FIX MINIMUMS

S-14

2780-1

408 (500-1)

2780-1¼
408 (500-1¼)

NA

CIRCLING

2800-1
428 (500-1)

2840-1
468 (500-1)

2840-1½
468 (500-1½)

NA

ELEV 2372

TDZE 2372

111°

32

4050 X 50

32

MIRL Rwy 14-32

FAF to MAP 7.5 NM

Knots

60

90

120

150

180

Min:Sec

7:30

5:00

3:45

3:00

2:30

ROCKSPRINGS, TEXAS

Amtd 5D 10AUG23

29°57'N-100°10'W

EDWARDS COUNTY (ECU)

VOR RWY 14

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LOC/DME I-SJT 109.7 Chan 34	APP CRS 038°	Rwy Ldg 5940 TDZE 1917 Apt Elev 1919
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ILS or LOC RWY 3
SAN ANGELO RGNL/MATHIS FLD (SJT)

DME required.



MALS



ATIS 128.45 319.0	SAN ANGELO APP CON ★ 125.35 354.1	MATHIS TOWER ★ 118.3(CTAF) 284.7	GND CON 121.9 348.6	UNICOM 122.95
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SAN ANGELO, TEXAS

AL-367 (FAA)

26246

WAAS CH 77517 W03A	APP CRS 038°	Rwy Ldg TDZE 1917 Apt Elev 1919
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RNAV (GPS) RWY 3

SAN ANGELO RGNL/MATHIS FLD (SJT)

RNP APCH - GPS.

▼

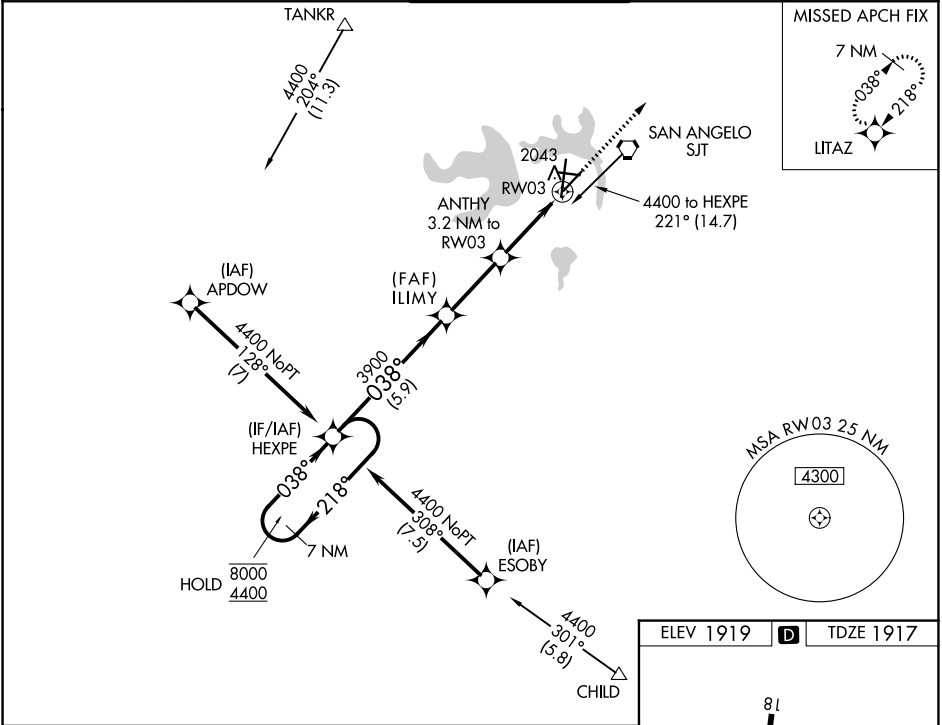
▲

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -8°C or above 54°C.
For inop ALS, increase LPV Cat E visibility to RVR 4000, and LNAV/VNAV Cat E and LNAV Cat E visibility to RVR 6000. Circling NA for Cat E west of Rwy 18-36.
RVR 1800 authorized with use of FD or AP or HUD to DA.

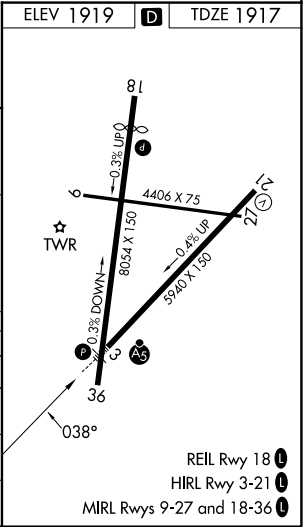
MALSR

MISSED APPROACH:
Climb to 3800 direct LITAZ and hold.

ATIS 128.45 319.0	SAN ANGELO APP CON ★ 125.35 354.1	MATHIS TOWER ★ 118.3(CTAF) 0 284.7	GND CON 121.9 348.6	UNICOM 122.95
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7 NM Holding Pattern		HEXPE		ILIMY		ANTHY		RW03	
8000		4400		3900		3000		2117	
GP 3.00°		TCH 51		5.9 NM		2.8 NM		2.2 NM	
CATEGORY		A		B		C		D	
LPV DA #				2117/24		200 (200-½)			
LNAV/VNAV DA				2300/35		383 (400-⅝)			
LNAV MDA		2300/24		383 (400-⅝)		2300/35		383 (400-⅝)	
CIRCLING		2360-1		2380-1		2500-1½		2700-2½	
		441 (500-1)		461 (500-1)		581 (600-1½)		781 (800-2½)	



SAN ANGELO, TEXAS
Amdt 2B 03SEP26

31°21'N-100°30'W

SAN ANGELO RGNL/MATHIS FLD (SJT)

RNAV (GPS) RWY 3

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

RNAV (GPS) RWY 18
SAN ANGELO RGNL/MATHIS FLD (SJT)

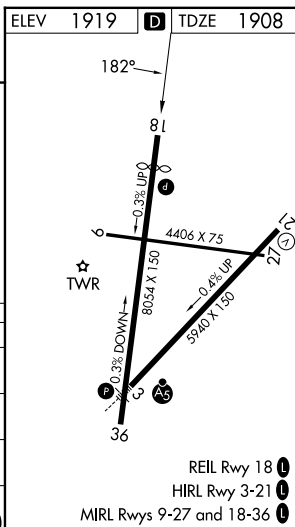
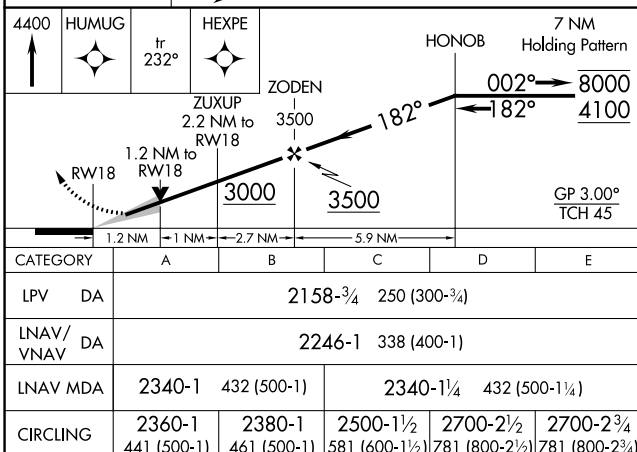
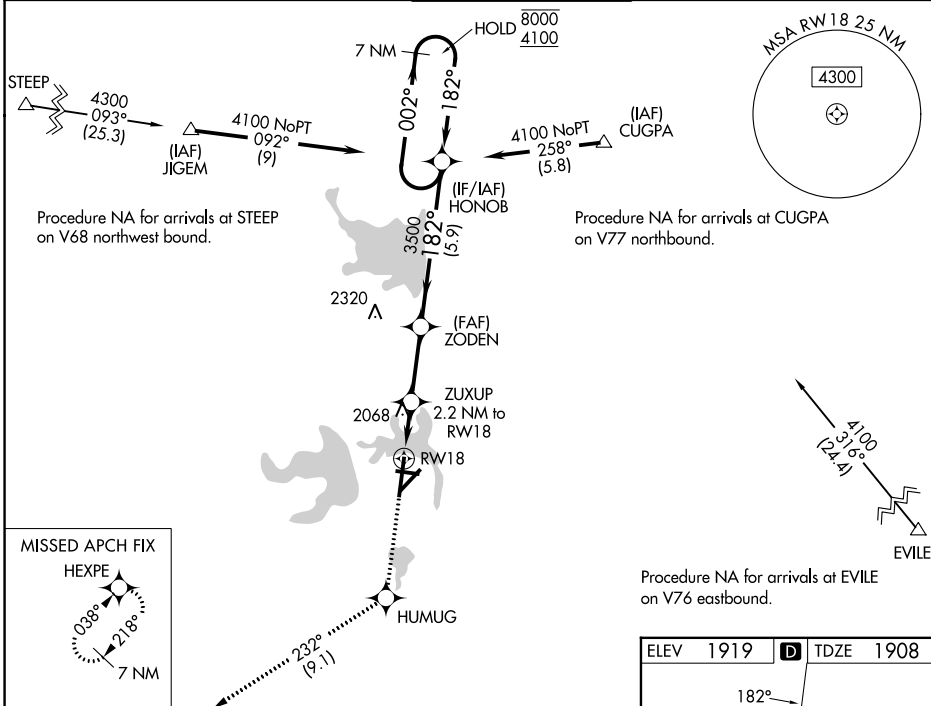
T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -8°C or above 54°C.
A Circling NA for Cat E west of Rwy 18-36.

MISSED APPROACH: Climb to 4400 direct HUMUG and on track 232° to HEXPE and hold.

SAN ANGELO APP CON ★
125.35 354.1

MATHIS TOWER ★
118.3(CTAF) **L** 284.7

GND CON
121.9 348.6

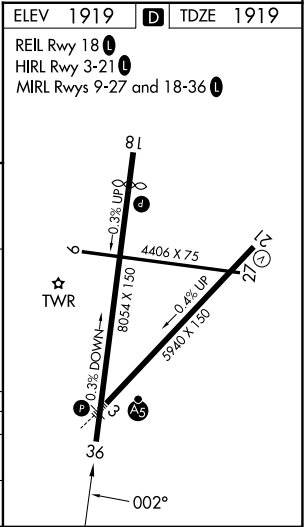
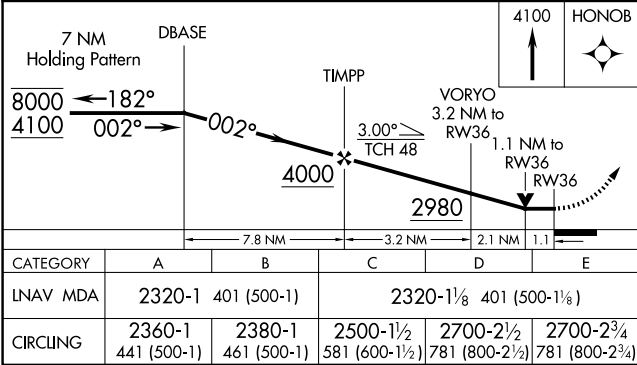
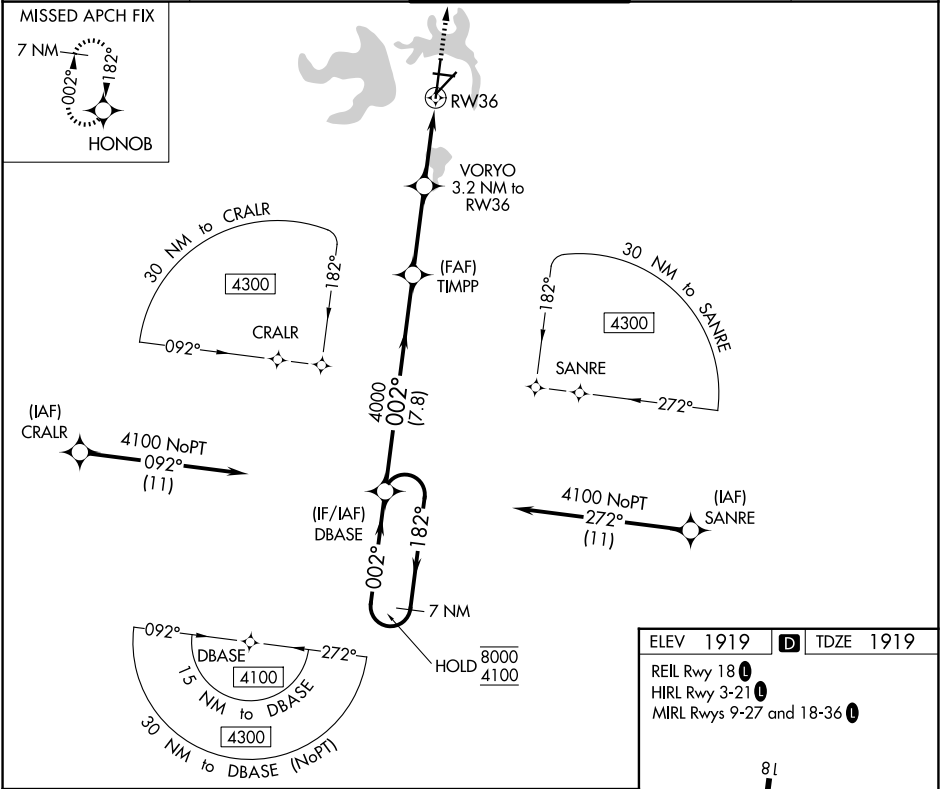
UNICOM
122.95

APP CRS	Rwy Ldg	7152
002°	TDZE	1919
	Apt Elev	1919

RNAV (GPS) RWY 36

SAN ANGELO RGNL/MATHIS FLD (SJT)

RNP APCH - GPS.		MISSED APPROACH: Climb to 4100 direct HONOB and hold.		
⚠ Circling NA for Cat E west of Rwy 18-36. Rwy 36 helicopter visibility reduction below ¾ SM NA.				
ATIS	SAN ANGELO APP CON ★	MATHIS TOWER ★	GND CON	UNICOM
128.45 319.0	125.35 354.1	118.3 (CTAF) 284.7	121.9 348.6	122.95



SAN ANGELO, TEXAS

AL-367 (FAA)

25331

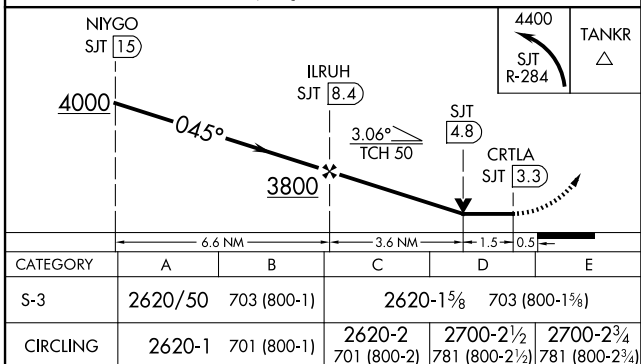
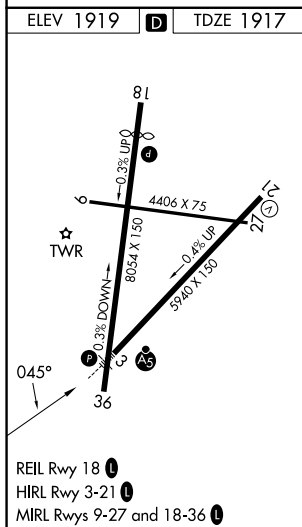
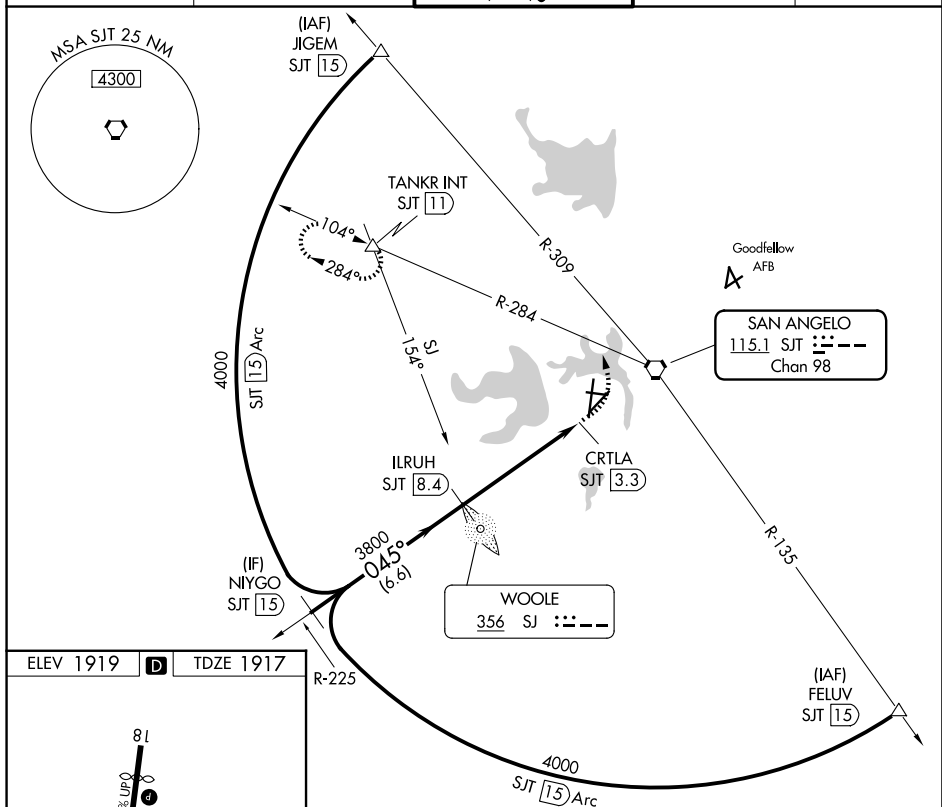
VORTAC SJT 115.1 Chan 98	APP CRS 045°	Rwy Ldg TDZE Apt Elev	5940 1917 1919
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VOR Y or TACAN Y RWY 3

SAN ANGELO RGNL/MATHIS FLD (SJT)

DME required.	MALSR 	MISSED APPROACH: Climbing left turn to 4400 on SJT VORTAC R-284 to TANKR INT/11 DME and hold, continue climb-in-hold to 4400.
Inop table does not apply to Cat A and B. Circling NA for Cat E west of Rwy 18-36. For inop ALS, increase Cat C-E visibility to 2 SM.		

ATIS 128.45 319.0	SAN ANGELO APP CON ★ 125.35 354.1	MATHIS TOWER ★ 118.3 (CTAF) 284.7	GND CON 121.9 348.6	UNICOM 122.95
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SAN ANGELO, TEXAS

Amdt 1 26DEC24

31°21'N-100°30'W

SAN ANGELO RGNL/MATHIS FLD (SJT)
VOR Y or TACAN Y RWY 3

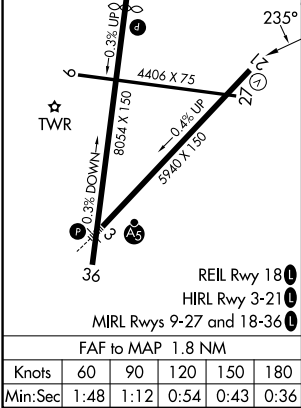
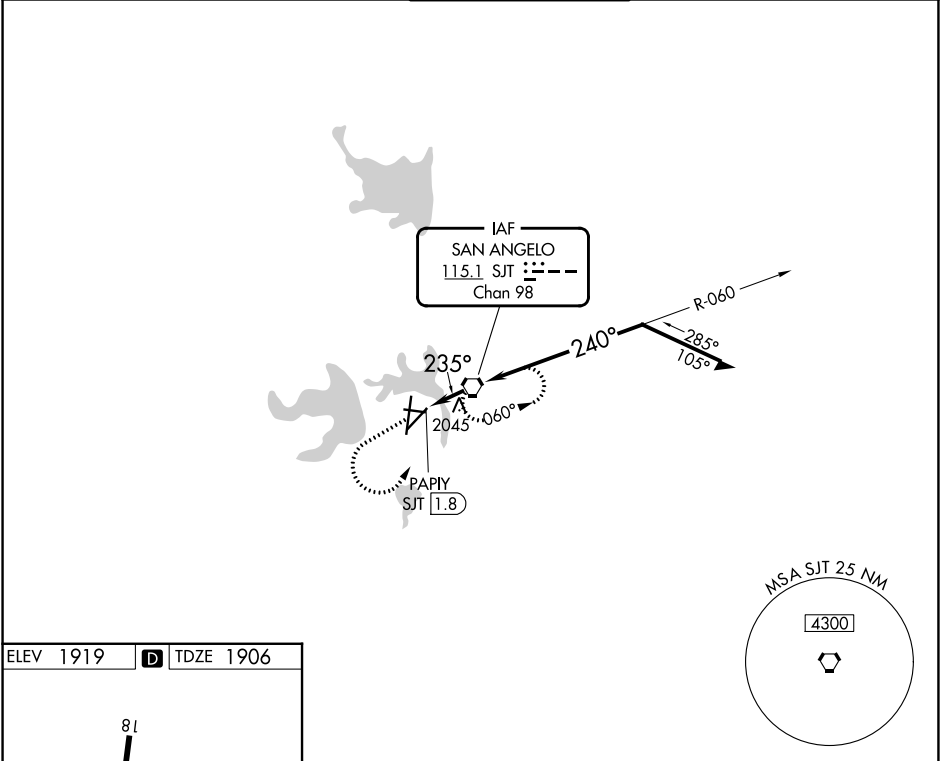
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

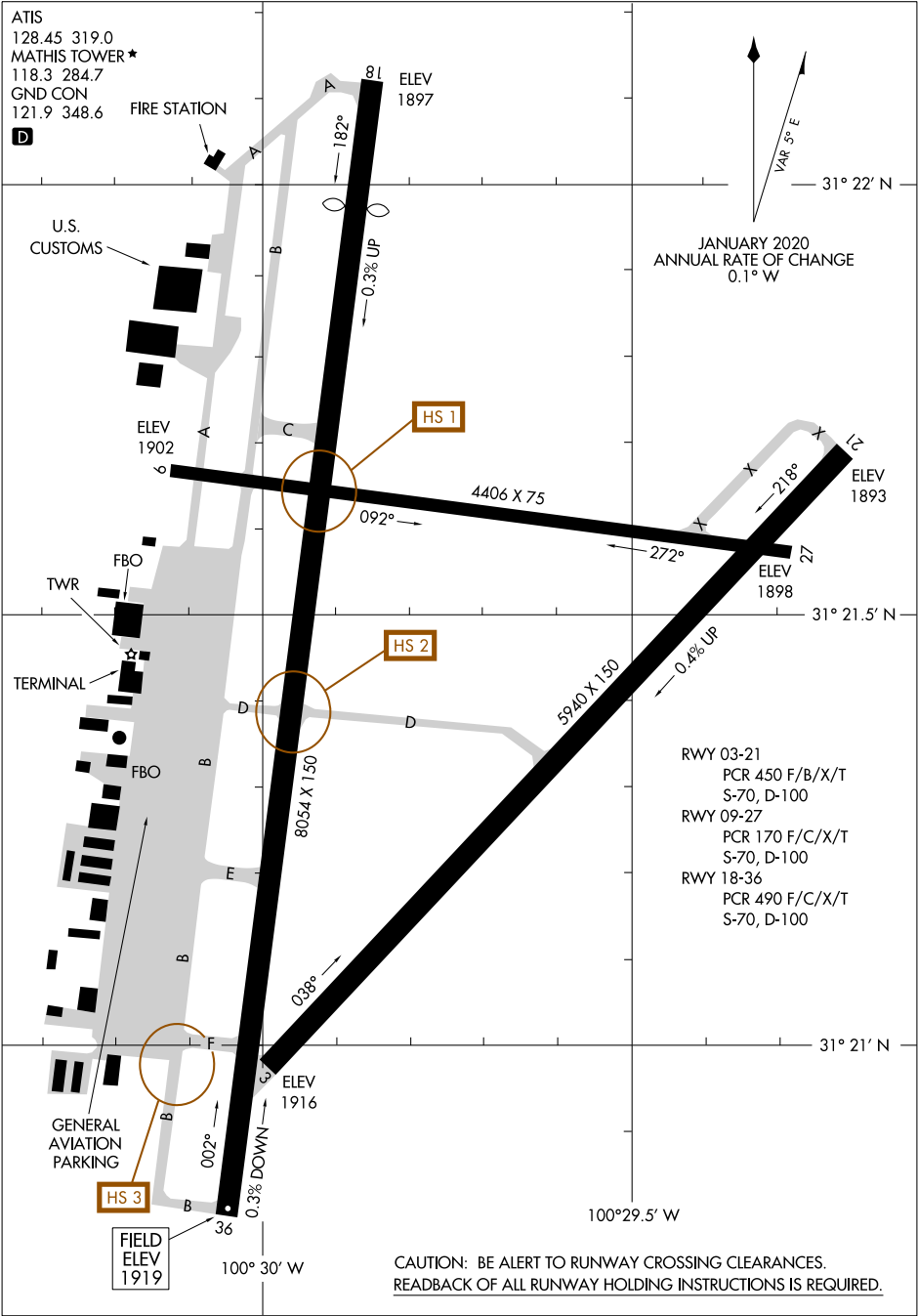
VORTAC SJT	APP CRS	Rwy Ldg	5940
115.1	235°	TDZE	1906
Chan 98		Apt Elev	1919

VOR Y RWY 21
SAN ANGELO RGNL/MATHIS FLD (SJT)

Circling NA for Cat D west of Rwy 18-36.		MISSED APPROACH: Climb to 4000, then left turn direct SJT VORTAC and hold.		
ATIS 128.45 319.0	SAN ANGELO APP CON ★ 125.35 354.1	MATHIS TOWER ★ 118.3 (CTAF) 0 284.7	GND CON 121.9 348.6	UNICOM 122.95



ELEV 1919 D TDZE 1906		4000 SJT		VGS and descent angles not coincident (VGS Angle 3.00 /TCH 52).	
TWR		PAPIY SJT 1.8		SJT VORTAC	
REIL Rwy 18		SJT 0.7		Remain within 10 NM	
HIRL Rwy 3-21		PAPIY SJT 1.8		SJT VORTAC	
MIRL Rwy 9-27 and 18-36		SJT 0.7		SJT VORTAC	
FAF to MAP 1.8 NM		SJT 0.7		SJT VORTAC	
Knots		SJT 0.7		SJT VORTAC	
Min:Sec		SJT 0.7		SJT VORTAC	
CATEGORY		SJT 0.7		SJT VORTAC	
S-21		SJT 0.7		SJT VORTAC	
CIRCLING		SJT 0.7		SJT VORTAC	

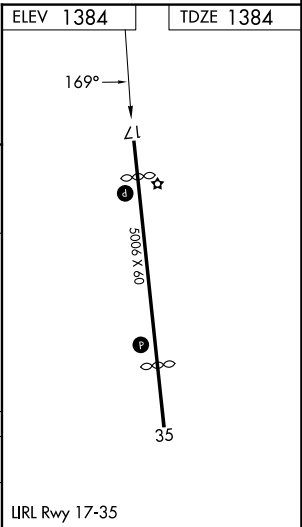
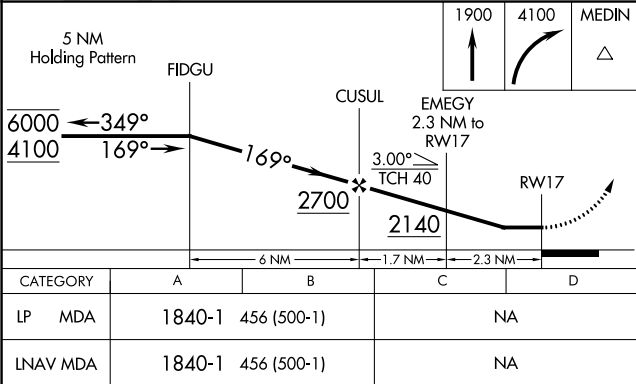
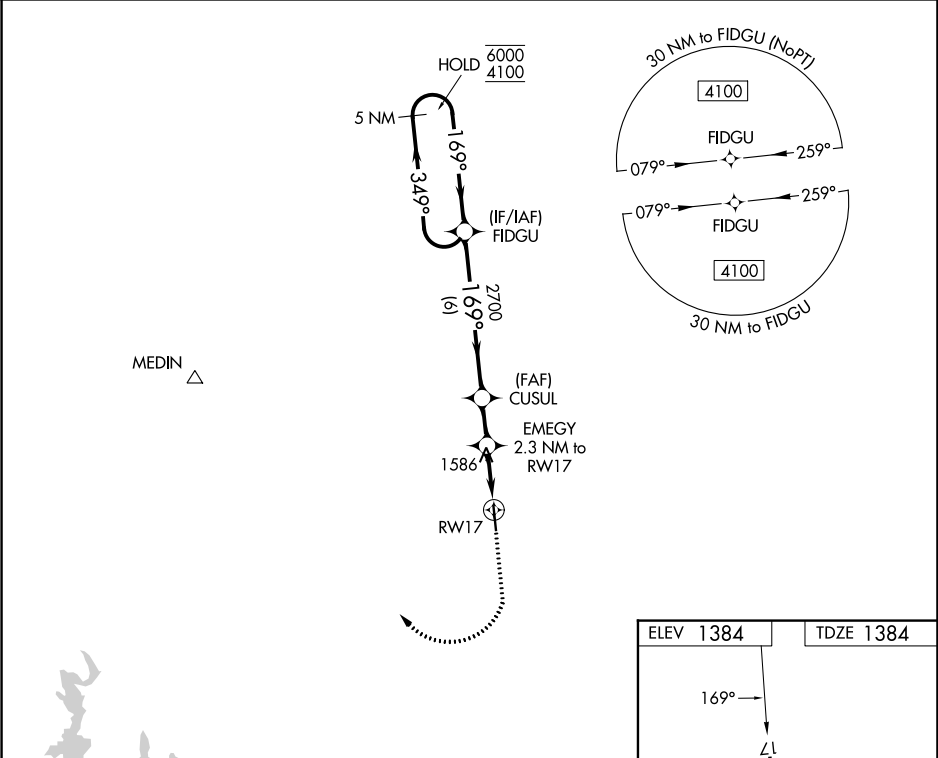


WAAS CH 50528 W17A	APP CRS 169°	Rwy Ldg TDZE Apt Elev	4377 1384 1384
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RNAV (GPS) RWY 17

BOERNE STAGE AIRFIELD (5C1)

RNP APCH-GPS.		MISSED APPROACH: Climb to 1900 then climbing right turn to 4100 direct MEDIN.
AWOS-3 118.725	SAN ANTONIO APP CON 125.1 307.0	UNICOM 123.0 (CTAF)



SAN ANTONIO, TEXAS

AL-10309 (FAA)

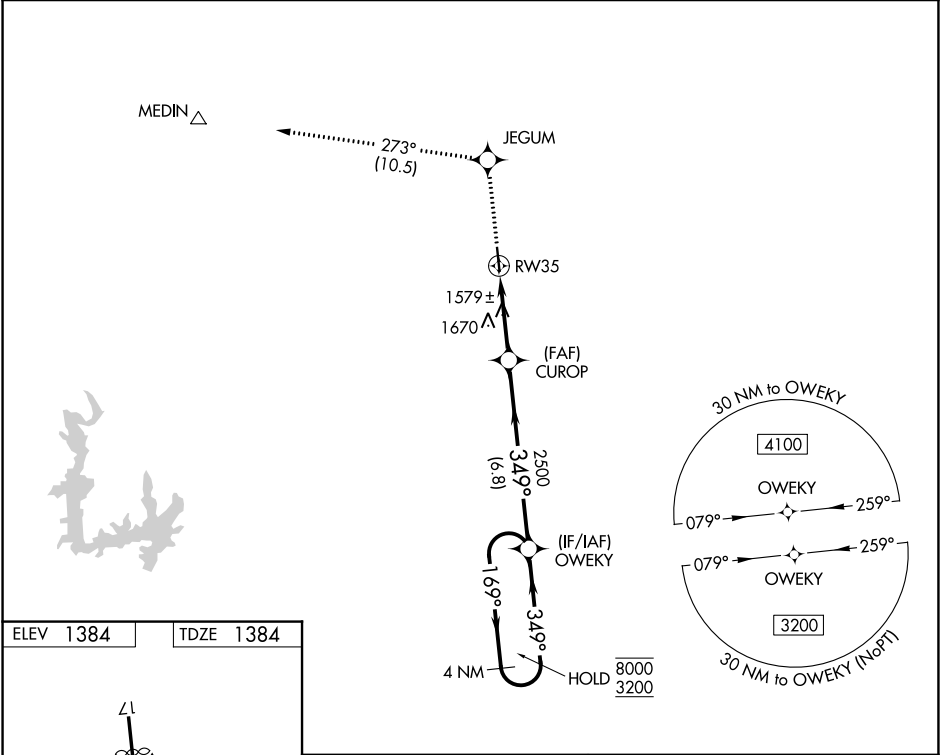
26246

WAAS CH 69428 W35A	APP CRS 349°	Rwy Ldg TDZE Apt Elev	3920 1384 1384
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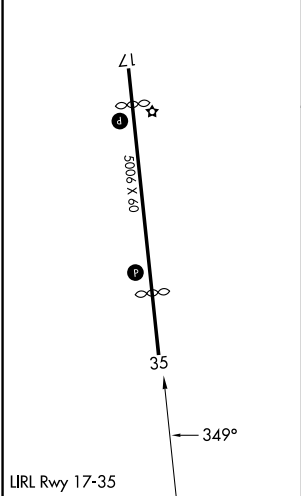
RNAV (GPS) RWY 35
BOERNE STAGE AIRFIELD (5C1)

RNP APCH-GPS.	MISSED APPROACH: Climb to 4100 direct JEGUM and on track 273° to MEDIN.
▼ Rwy 35 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use San Antonio Intl altimeter setting and increase all MDAs 120 feet. ▲	

AWOS-3 118.725	SAN ANTONIO APP CON 125.1 307.0	UNICOM 123.0 (CTAF)
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ELEV 1384	TDZE 1384
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4100	JEGUM	MEDIN		
↑	★	tr 273°	△	
OWEKY				
4 NM Holding Pattern				
CUROP				
RW35				
3.00° TCH 40				
349°				
169° → 8000				
← 349° 3200				
3.4 NM 6.8 NM				
CATEGORY	A	B	C	D
LP MDA	1840-1	456 (500-1)	NA	
LNAV MDA	1920-1	536 (600-1)	NA	

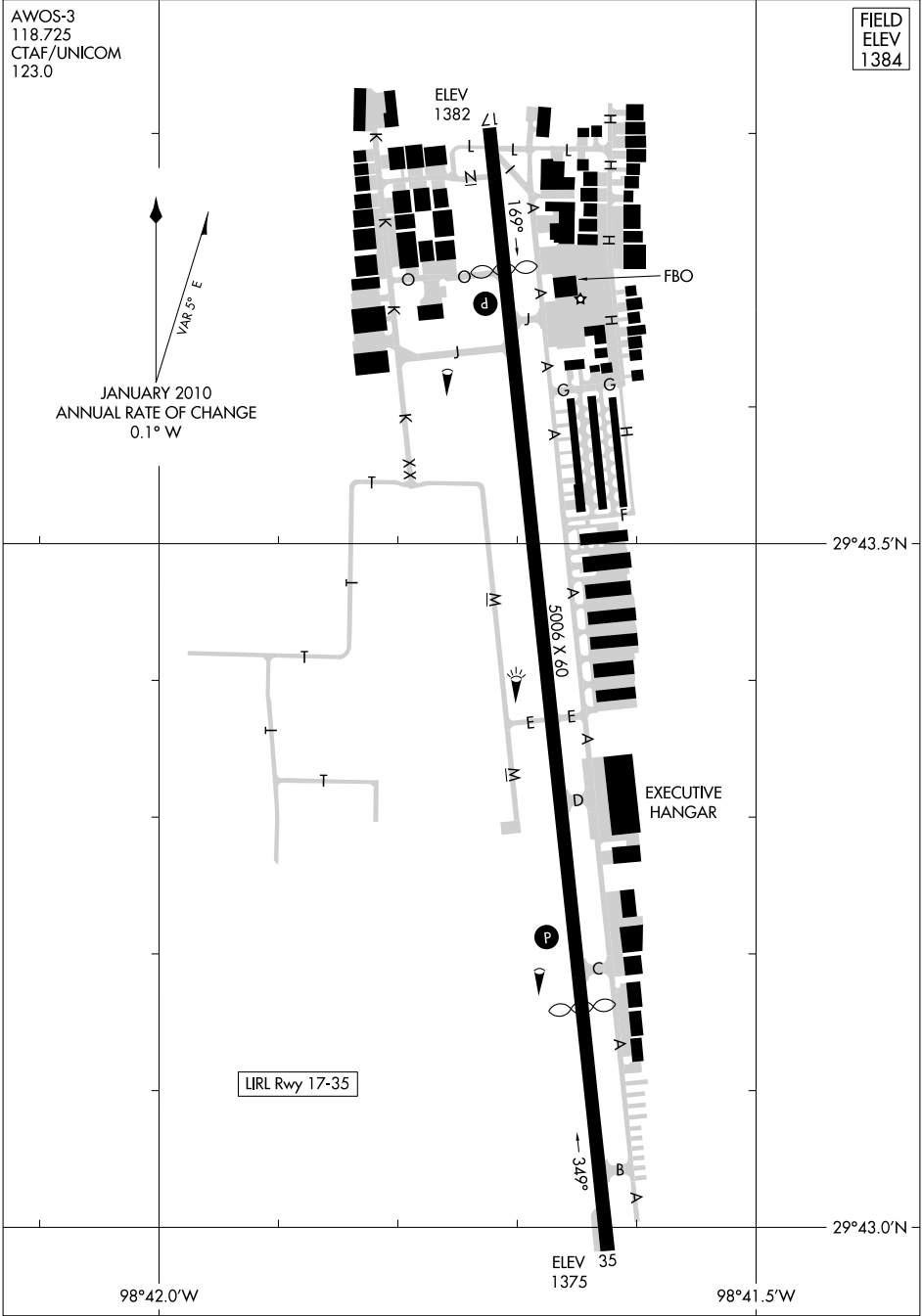
SAN ANTONIO, TEXAS
Amdt 1C 27JAN22

29°43'N-98°42'W

BOERNE STAGE AIRFIELD (5C1)
RNAV (GPS) RWY 35

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



SC-3, 03 SEP 2026 to 29 OCT 2026

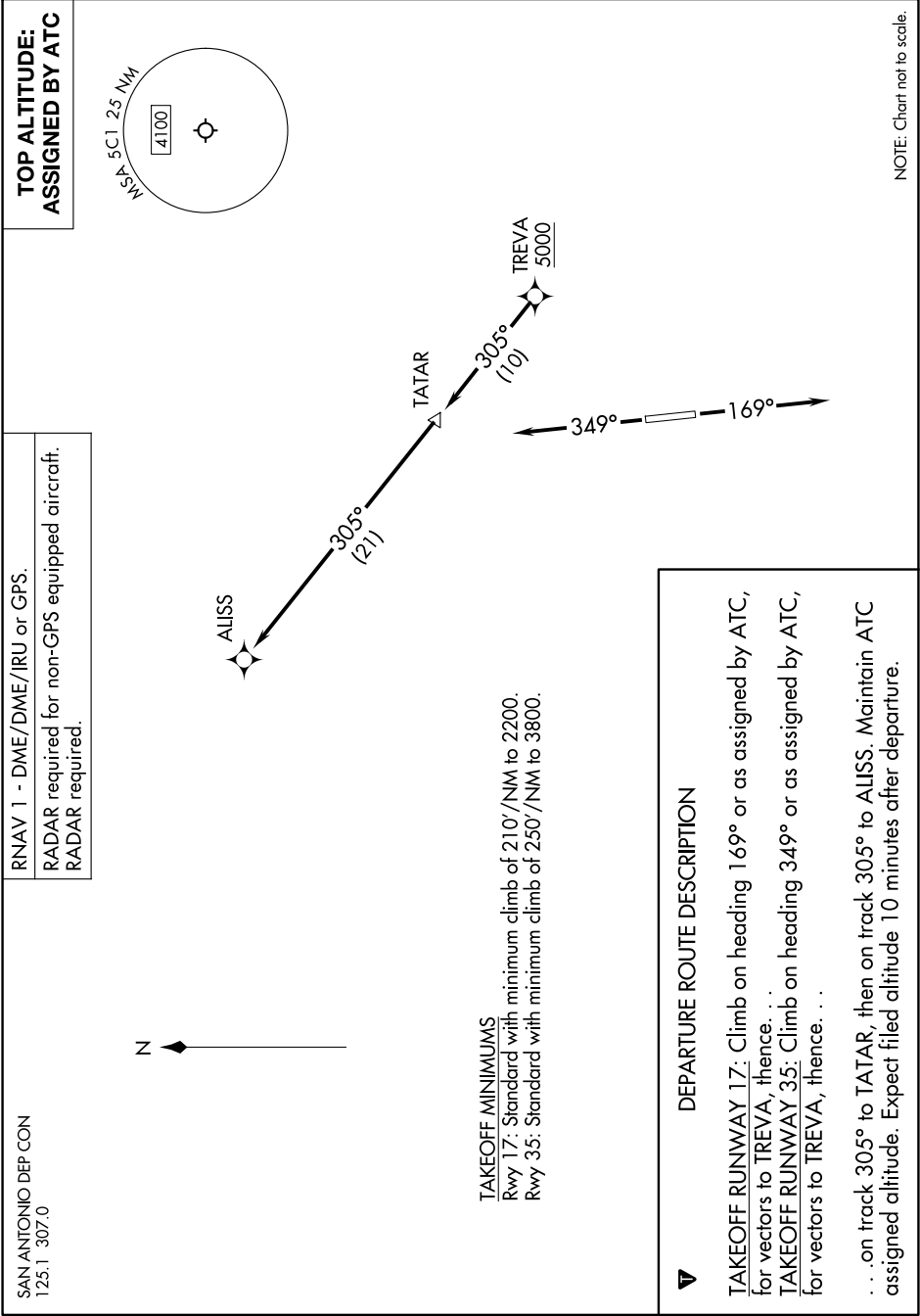
400

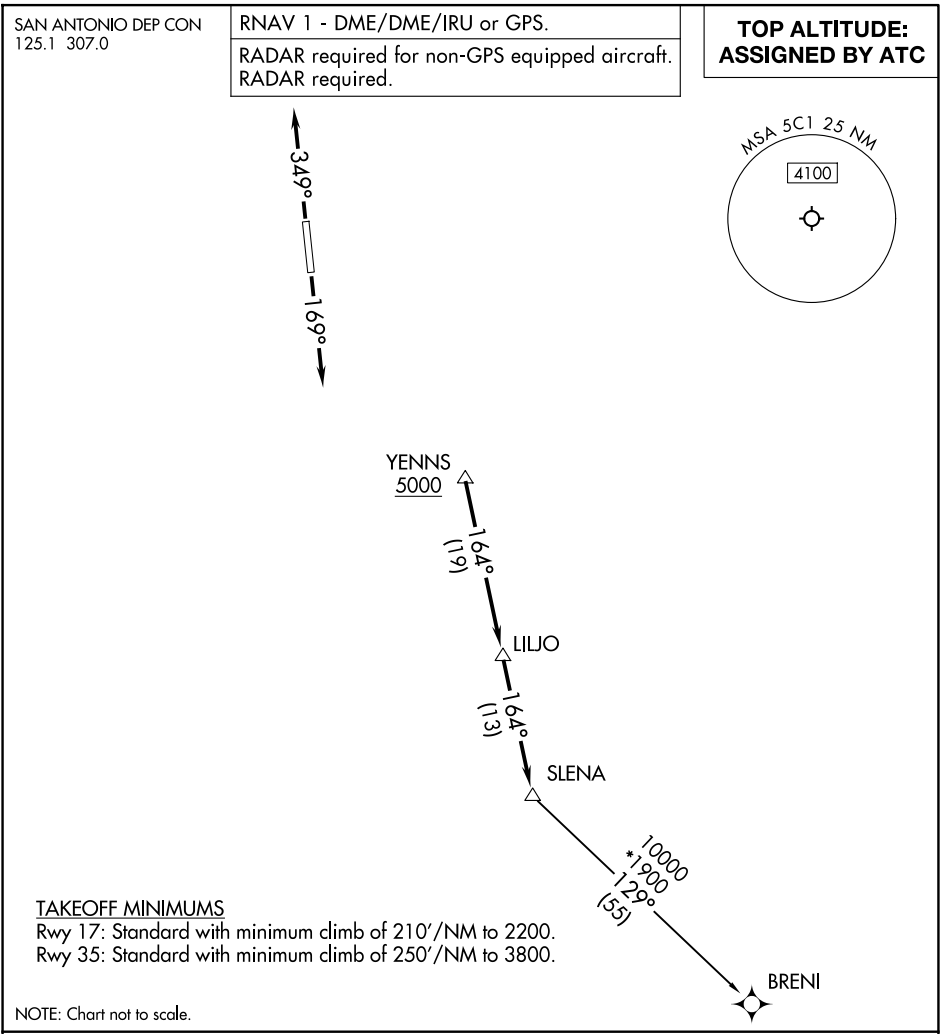
(ALISS7.ALISS) 25219

AL-10309 (FAA)

BOERNE STAGE AIRFIELD (5C1)
SAN ANTONIO, TEXAS

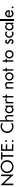
ALISS SEVEN DEPARTURE (RNAV)





DEPARTURE ROUTE DESCRIPTION
TAKEOFF RUNWAY 17: Climb on heading 169° or as assigned by ATC, for vectors to YENNS. Thence. . . TAKEOFF RUNWAY 35: Climb on heading 349° or as assigned by ATC, for vectors to YENNS. Thence.on track 164° to LILJO, then on track 164° to SLENA, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure. BRENI TRANSITION (SLENA2.BRENI)

SAN ANTONIO, TEXAS

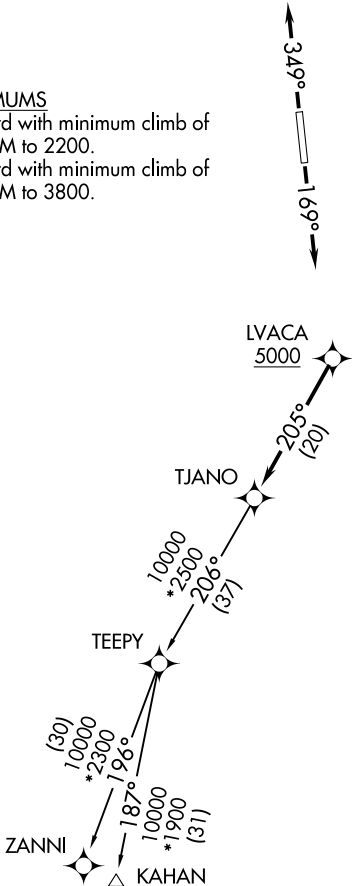


SAN ANTONIO, TEXAS
BOERNE STAGE AIRFIELD (5C1)

SAN ANTONIO DEP CON 125.1 307.0	RNAV 1 - DME/DME IRU or GPS.	TOP ALTITUDE: ASSIGNED BY ATC
	RADAR required for non-GPS equipped aircraft. RADAR required.	

TAKEOFF MINIMUMS

Rwy 17: Standard with minimum climb of 210' /NM to 2200.
Rwy 35: Standard with minimum climb of 250' /NM to 3800.



NOTE: Chart not to scale.

▼	DEPARTURE ROUTE DESCRIPTION
	<u>TAKEOFF RUNWAY 17:</u> Climb on heading 169° or as assigned by ATC, for vectors to LVACA, thence. . .
	<u>TAKEOFF RUNWAY 35:</u> Climb on heading 349° or as assigned by ATC, for vectors to LVACA, thence. . .
	. . .on track 205° to TJANO, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.
	<u>KAHAN TRANSITION (TJANO2.KAHAN)</u>
	<u>ZANNI TRANSITION (TJANO2.ZANNI)</u>

(YODUH2.YODUH) 25219

AL-10309 (FAA)

BOERNE STAGE AIRFIELD (5C1)
SAN ANTONIO, TEXAS

YODUH TWO DEPARTURE (RNAV)

SAN ANTONIO DEP CON
125.1 307.0

RNAV 1 - DME/DME IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

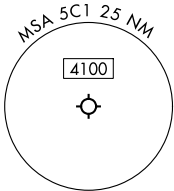
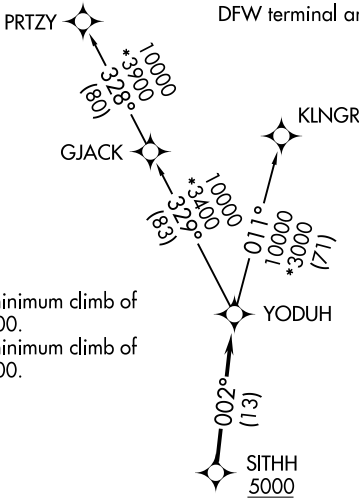
**TOP ALTITUDE:
ASSIGNED BY ATC**

NOTE: Aircraft destined for airports north/northeast of
DFW terminal area must file the KLNGR Transition.

TAKEOFF MINIMUMS

Rwy 17: Standard with minimum climb of
210'/NM to 2200.

Rwy 35: Standard with minimum climb of
250'/NM to 3800.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 169° or as assigned by ATC, for vectors
to SITHH, thence. . .

TAKEOFF RUNWAY 35: Climb on heading 349° or as assigned by ATC, for vectors
to SITHH, thence. . .

. . .on track 002° to YODUH, then on transition. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

KLNGR TRANSITION (YODUH2.KLNGR)
PRTZY TRANSITION (YODUH2.PRTZY)

YODUH TWO DEPARTURE (RNAV)
(YODUH2.YODUH) 07AUG25

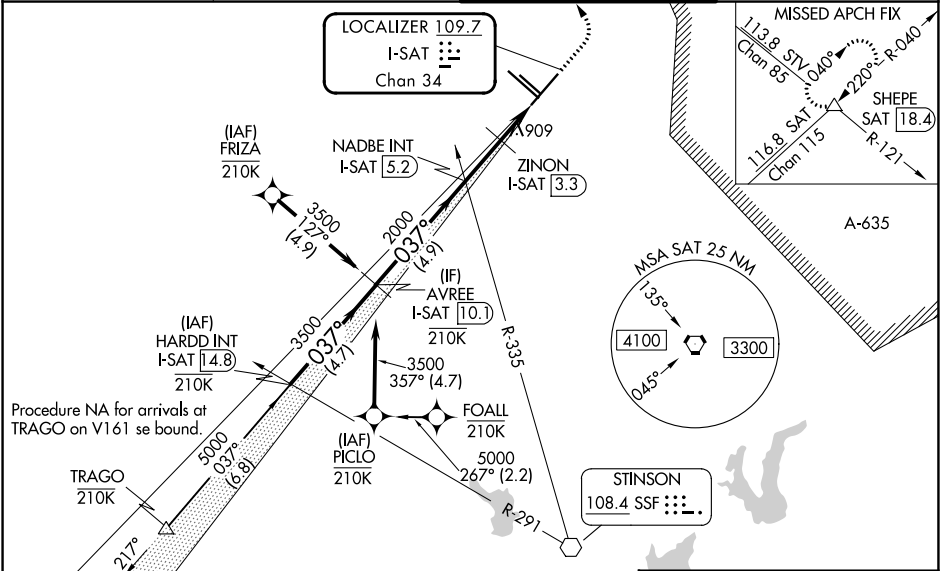
SAN ANTONIO, TEXAS
BOERNE STAGE AIRFIELD (5C1)

LOC/DME I-SAT 109.7 Chan 34	APP CRS 037°	Rwy Ldg TDZE 786 Apt Elev 809
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ILS or LOC RWY 4
SAN ANTONIO INTL (SAT)

RNP APCH-GPS. From TRAGO or PICLO or FRIZA.		MALS 	MISSED APPROACH: Climb to 1700 then climbing left turn to 3500 on heading 025° and on SAT VORTAC R-040 to SHEPE INT/SAT 18.4 DME and hold.
Aircraft not GPS equipped - RADAR required for procedure entry.			
 NA	Circling NA northwest of Rws 4 and 13R. Autopilot coupled approach NA below 1189. Inop table does not apply to S-ILS 4. For inop ALS, increase S-LOC 4 Cat C/D visibility to RVR 6000.		

D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6
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VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 79).					ELEV 809	TDZE 786	
HARDD INT I-SAT 14.8		AVREE I-SAT 10.1		3500	hdg 025°	SAT R-040	SHEPE
5000		037°		NADBE INT I-SAT 5.2	See planview for multiple IF locations.		
3500		2000		ZINON I-SAT 3.3			
2000		1200		I-SAT 2.4			
GS 3.00° TCH 56		I-SAT 1.6					
4.7 NM		4.9 NM		1.9 NM		0.9 NM	
0.8 NM							
CATEGORY	A		B		C		D
S-ILS 4	986/40		200 (200-¾)				
S-LOC 4	1200/40	414 (400-¾)		1200/50		414 (400-1)	
CIRCLING	1280-1 471 (500-1)	1340-1 531 (600-1)	1420-1¾ 611 (700-1¾)	1520-2¼ 711 (800-2¼)			
ZINON FIX MINIMUMS (DME REQUIRED)							
S-LOC 4	1120/40		334 (400-¾)				
CIRCLING	1280-1 471 (500-1)	1340-1 531 (600-1)	1420-1¾ 611 (700-1¾)	1520-2¼ 711 (800-2¼)			
FAF to MAP 3.6 NM							
Knots	60	90	120	150	180		
Min:Sec	3:36	2:24	1:48	1:26	1:12		

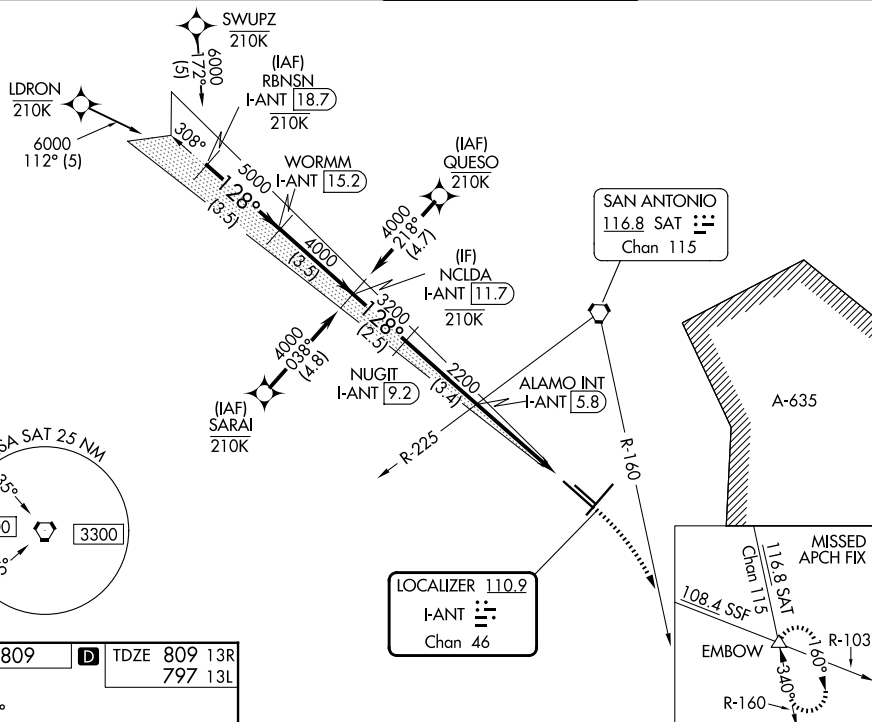
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ILS or LOC RWY 13R
SAN ANTONIO INTL (SAT)

MISSED APPROACH: Climb to 3100 on heading 128° and SAT VORTAC R-160 to EMBOW INT and hold.

GND CON	
121.9	348.6



TDZL/RCLS Rwy 13R
REIL Rwys 13L, 22 and 31R
HIRL Rwys 4-22 and 13R-31L
MIRL Rwy 13L-31R

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 75).					3100 ↑ hdg 128°		SAT R-160		EMBOW △	
NCLDA I-ANT 11.7					NUGIT I-ANT 9.2		ALAMO INT I-ANT 5.8			
4000					3200		2200			
28°					2200		I-ANT 3.4		I-ANT 1.6	
GS 3.00° TCH 58					2.5 NM		3.4 NM		2.4 NM	
					1.8 NM					
CATEGORY		A		B		C		D		
S-ILS 13R		1009/18		200 (200-½)						
S-LOC 13R		1460/24		651 (700-½)		1460-1⅜		651 (700-1⅜)		
SIDESTEP 13L		1480-1		683 (700-1)		1480-2 683 (700-2)		1480-2¼ 683 (700-2¼)		
CIRCLING		1480-1		671 (700-1)		1480-2 671 (700-2)		1520-2¼ 711 (800-2¼)		

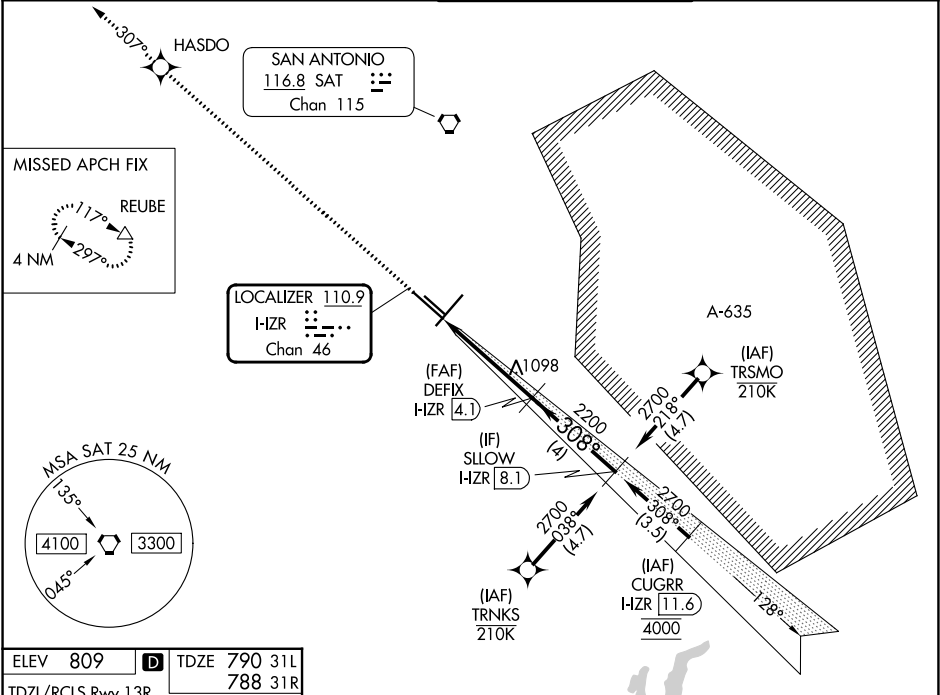
SAN ANTONIO INTL (SAT)
ILS or LOC RWY 13R

LOC/DME I-ZR 110.9 Chan 46	APP CRS 308°	Rwy 31L Ldg 8502 TDZE 790 Apt Elev 809	Rwy 31R Ldg 5519 TDZE 788 Apt Elev 809
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ILS or LOC RWY 31L
SAN ANTONIO INTL (SAT)

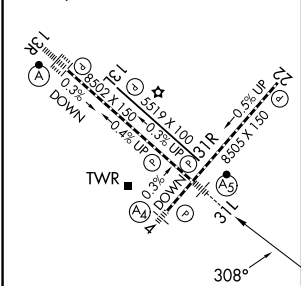
RNP APCH - GPS. ⚠ Circling NA northwest of Rwy 4 and southwest of Rwy 13R. * RVR 1800 authorized with use of FD or AP or HUD to DA.	MALSR ⚠	MISSED APPROACH: Climb to 4200 direct HASDO and track 307° to REUBE and hold.
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D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6
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ELEV 809	D	TDZE 790 31L 788 31R
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TDZL/RCLS Rwy 13R
REIL Rwys 13L, 22 and 31R
HIRL Rwys 4-22 and 13R-31L
MIRL Rwy 13L-31R



4200	HASDO	tr 307°	REUBE	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 82).
↑	⬠	△		
	H-ZR DME ANTENNA	H-ZR	DEFIX I-ZR 4.1	SLOW I-ZR 8.1
	H-ZR 0.2	H-ZR 1.4	2200	2700
	1.5 NM	2.8 NM	4 NM	GS 3.00° TCH 60
CATEGORY	A	B	C	D
S-ILS 31L *	990/24 200 (200-½)			
S-LOC 31L	1360/24 570 (600-½)		1360-1¼	570 (600-1¼)
SIDESTEP 31R	1360-1 572 (600-1)		1360-1½ 572 (600-1½)	1360-2 572 (600-2)
CIRCLING	1360-1 551 (600-1)		1420-1¾ 611 (700-1¾)	1520-2¼ 711 (800-2¼)

FAF to MAP 4.3 NM				
Knots	60	90	120	150 180
Min:Sec	4:18	2:52	2:09	1:43 1:26

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

SAN ANTONIO, TEXAS

AL-369 (FAA)

25331

LOC/DME I-ANT 110.9 Chan 46	APP CRS 128°	Rwy 13R Ldg 8502 TDZE 809 Apt Elev 809
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ILS RWY 13R (CAT II) SAN ANTONIO INTL (SAT)

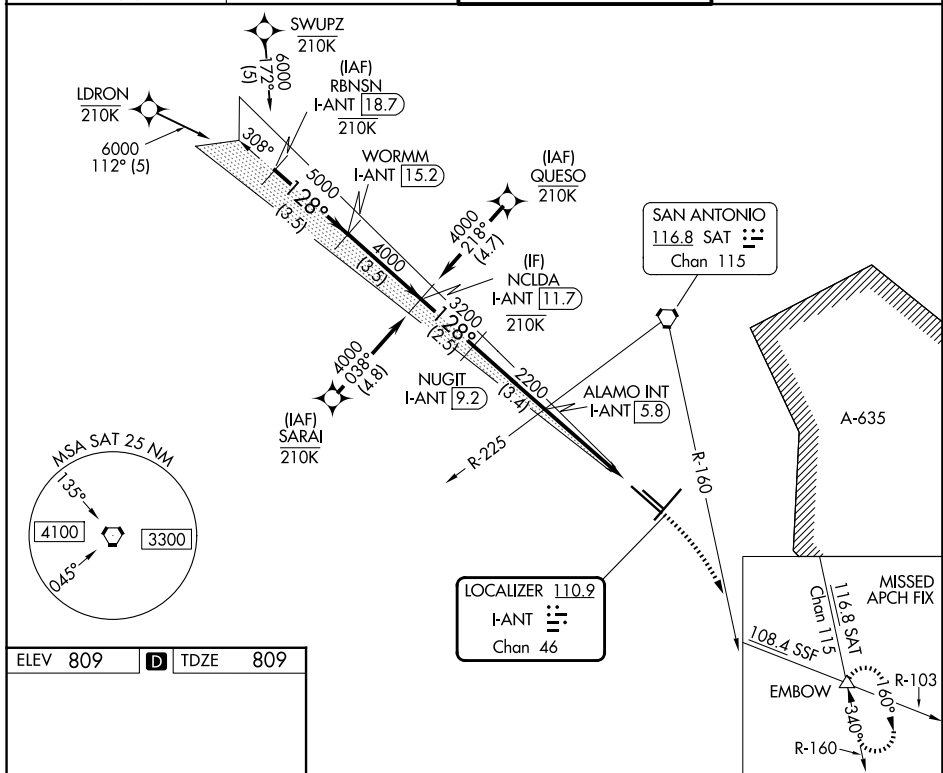
RNP APCH-GPS. From LDRON, SWUPZ, SARAI, QUESO.

RNAV 1-GPS or RADAR required for procedure entry. DME required.

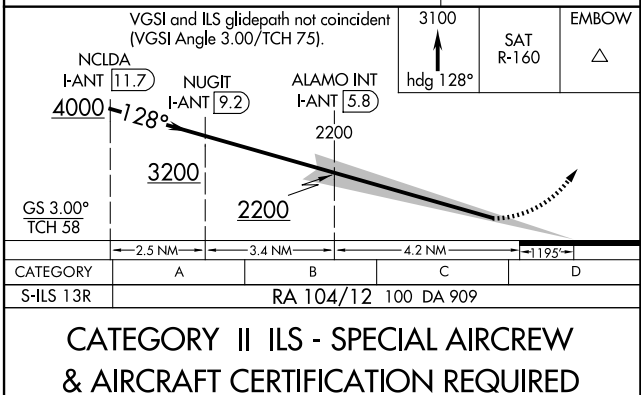
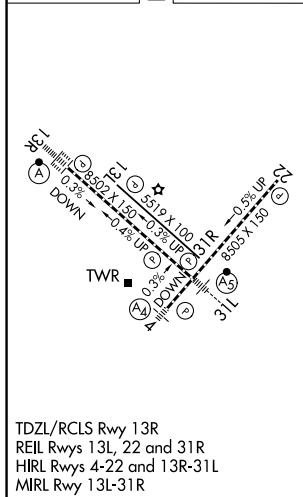


MISSED APPROACH: Climb to 3100 on heading 128° and SAT VORTAC R-160 to EMBOW INT and hold.

D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6
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ELEV 809	D	TDZE 809
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SAN ANTONIO, TEXAS

Amdt 15 25JAN24

29°32'N-98°28'W

SAN ANTONIO INTL (SAT) ILS RWY 13R (CAT II)

**CATEGORY II ILS - SPECIAL AIRCREW
& AIRCRAFT CERTIFICATION REQUIRED**

SAN ANTONIO, TEXAS

AL-369 (FAA)

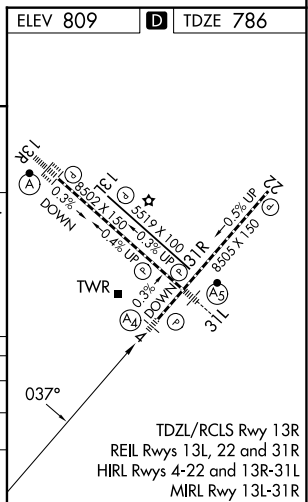
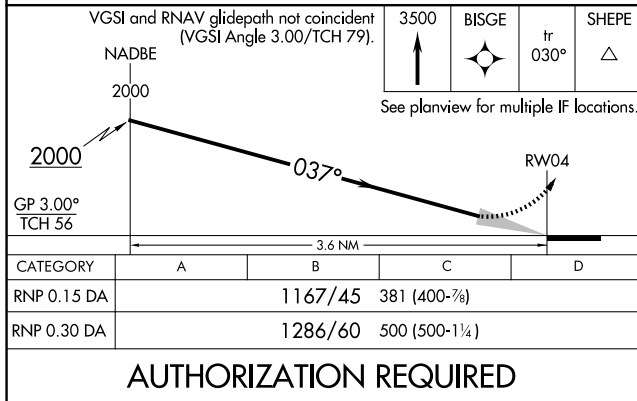
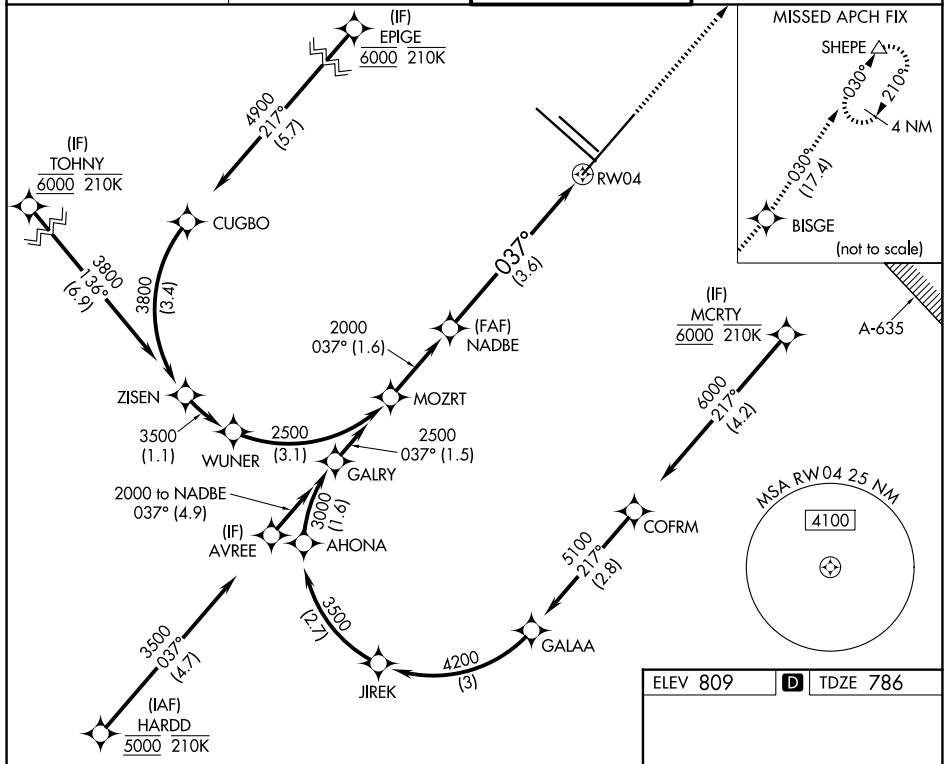
25331

APP CRS	Rwy Ldg	8505
037°	TDZE	786
	Apt Elev	809

RNAV (RNP) Z RWY 4

SAN ANTONIO INTL (SAT)

RNP AR APCH - GPS.		MALS	MISSED APPROACH: Climb to 3500 direct BISGE and track 030° to SHEPE and hold.
▼ For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C.		Ⓜ	
D-ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON
118.9	125.1 307.0	119.8 257.8	121.9 348.6



SAN ANTONIO, TEXAS

Amtd 1 25JAN24

29°32'N-98°28'W

RNAV (RNP) Z RWY 4

SC-3, 03 SEP 2026 to 29 OCT 2026

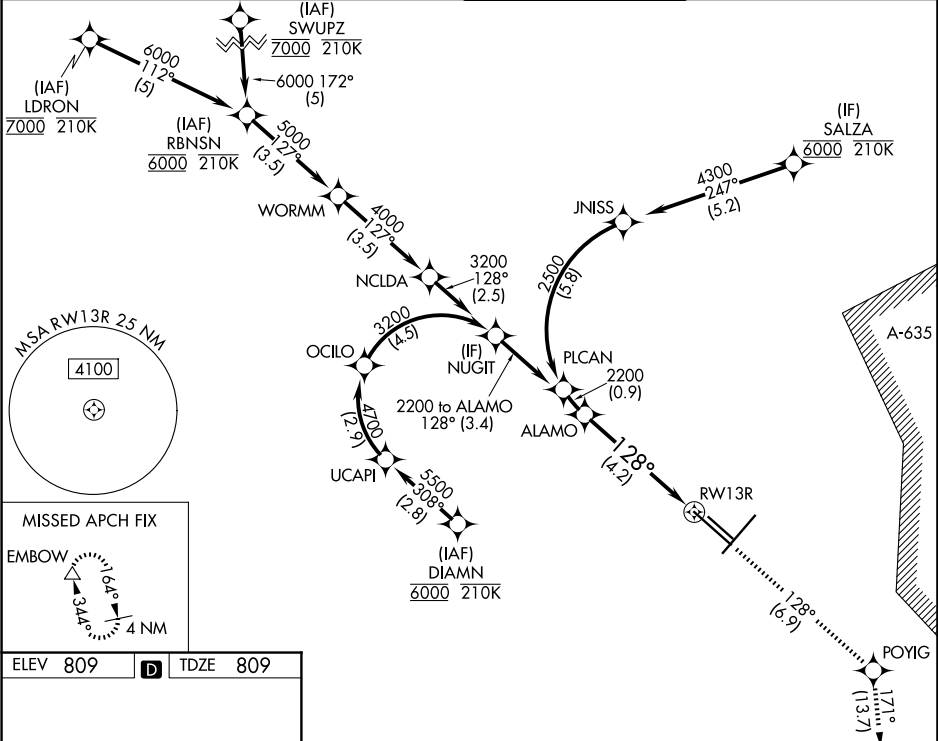
SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	8502
128°	TDZE	809
	Apt Elev	809

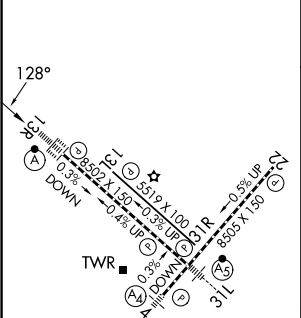
RNAV (RNP) Z RWY 13R
SAN ANTONIO INTL (SAT)

RNP AR APCH - GPS.	ALSIF-2	MISSED APPROACH: (Do not exceed 210K until POYIG) Climb to 3100 on track 128° to POYIG and track 171° to EMBOW and hold.
For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C. For inop ALS, increase RNP 0.3 all Cats visibility to RVR 6000.		

D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6
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ELEV 809	D	TDZE 809
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TDZL/RCLS Rwy 13R
REIL Rwy 13L, 22 and 31R
HIRL Rwy 4-22 and 13R-31L
MIRL Rwy 13L-31R

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 75).	3100 POYIG tr 128°	POYIG	tr 171°	EMBOW
See planview for multiple IF locations.				



CATEGORY	A	B	C	D
RNP 0.15 DA		1137/26	328 (400-½)	
RNP 0.30 DA		1218/40	409 (500-¾)	

AUTHORIZATION REQUIRED

SAN ANTONIO, TEXAS

AL-369 (FAA)

25331

APP CRS	Rwy Ldg	8505
217°	TDZE	770
	Apt Elev	809

RNAV (RNP) Z RWY 22

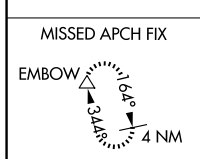
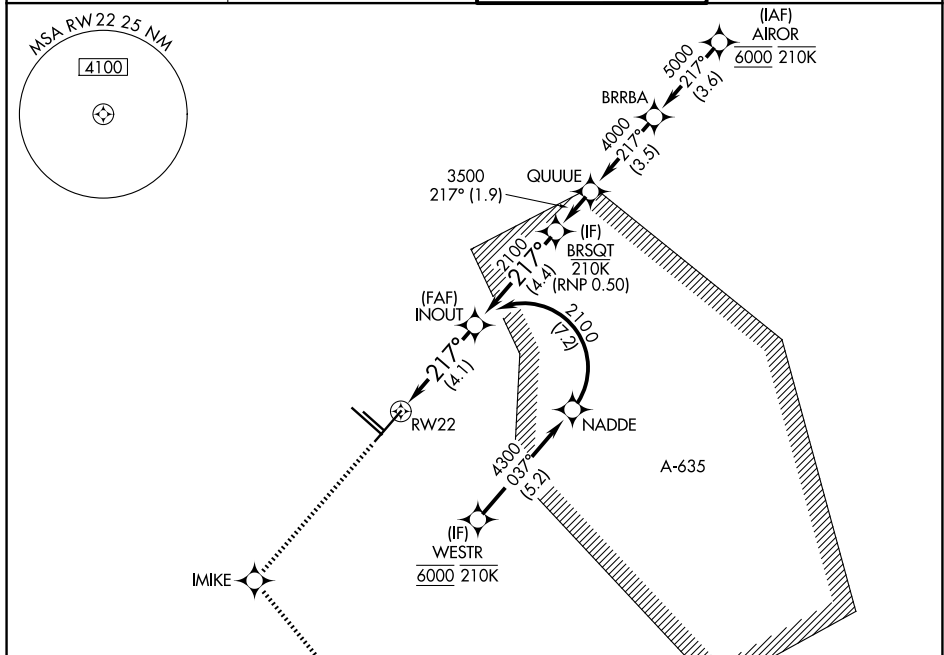
SAN ANTONIO INTL (SAT)

RNP AR APCH - GPS. Authorization required.
From BRSQT: min RNP 0.50. From NADDE: RF.

MISSED APPROACH: Climb to 3100
direct IMIKE and on track 137° to
EMBOW and hold.

For uncompensated Baro-VNAV systems, procedure NA below -6°C or above 54°C.

D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6
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3100

↑

IMIKE

✱

EMBOW

△

See planview for multiple IF locations.

RW22

217°

2100

GP 3.00°

TCH 55

4.1 NM

CATEGORY	A	B	C	D
RNP 0.15 DA		1070-7/8	300 (300-7/8)	
RNP 0.30 DA		1220-13/8	450 (500-13/8)	

AUTHORIZATION REQUIRED

ELEV 809

D

TDZE 770

TDZL/RCLS Rwy 13R

REIL Rwys 13L, 22 and 31R

HIRL Rwys 4-22 and 13R-31L

MIRL Rwy 13L-31R

SAN ANTONIO, TEXAS
Amdt 3 27NOV25

29°32'N-98°28'W

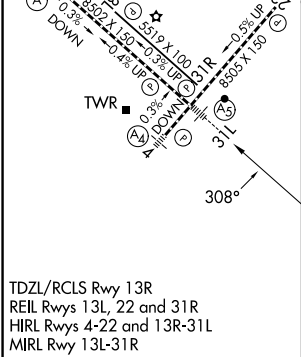
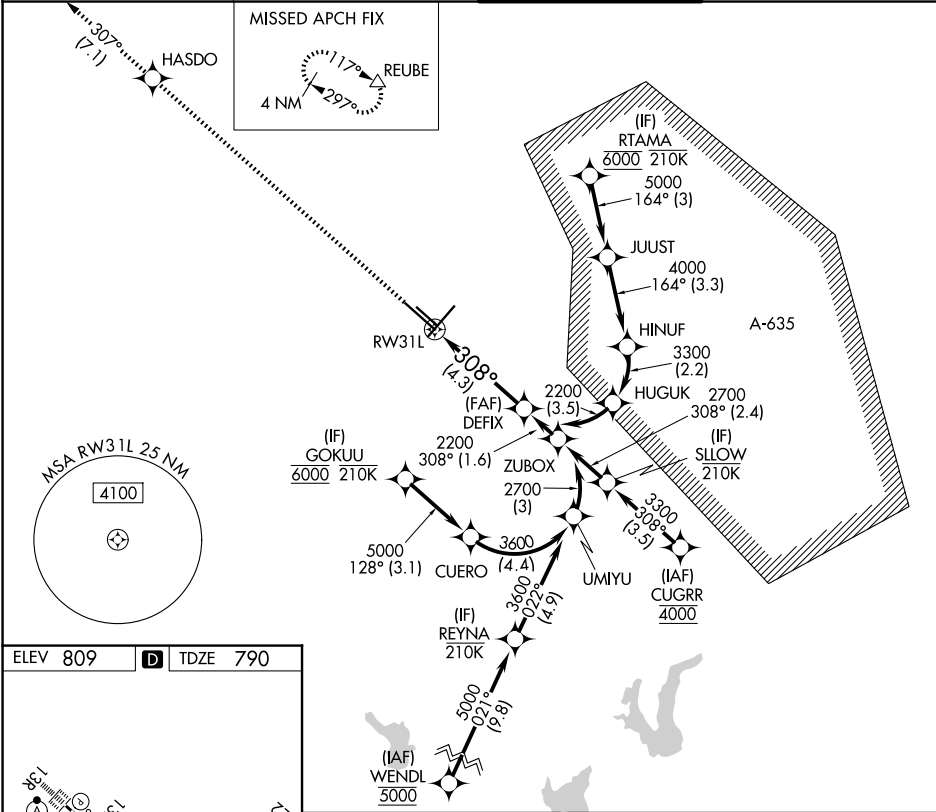
RNAV (RNP) Z RWY 22

SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS	Rwy Ldg	8502
308°	TDZE	790
	Apt Elev	809

RNAV (RNP) Z RWY 31L
SAN ANTONIO INTL (SAT)

RNP AR APCH - GPS.		MALSR	MISSED APPROACH: Climb to 4200 direct HASDO and track 307° to REUBE and hold.
▼ For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C. For inop ALS, increase RNP 0.15 all Cats visibility to RVR 5500, increase RNP 0.30 all Cats visibility to RVR 6000.		AS	
D-ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON
118.9	125.1 307.0	119.8 257.8	121.9 348.6



SAN ANTONIO, TEXAS

AL-369 (FAA)

25331

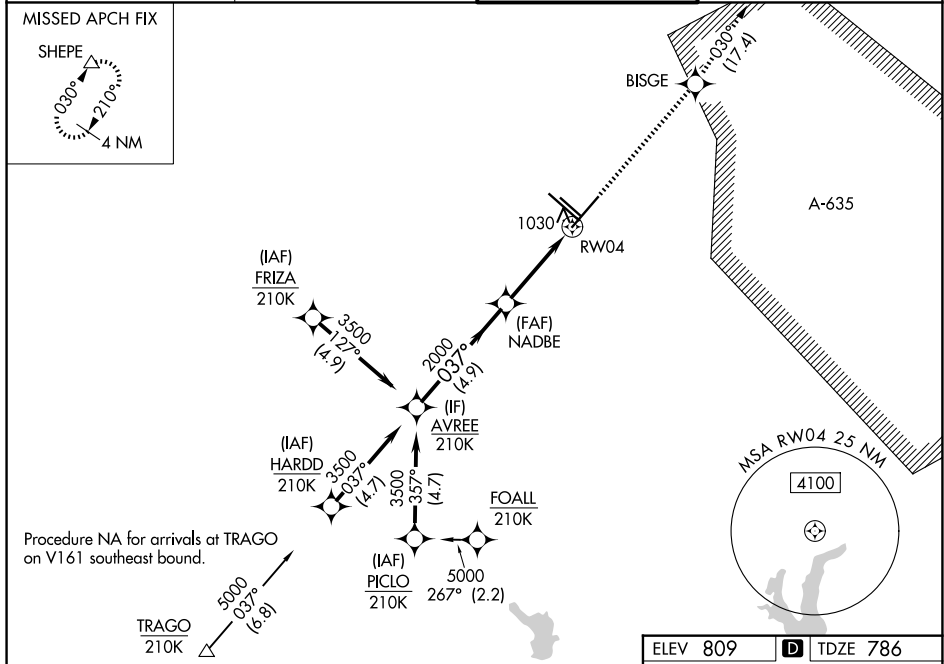
WAAS CH 77613 W04A	APP CRS 037°	Rwy Ldg TDZE Apt Elev	8505 786 809
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RNAV (GPS) Y RWY 4

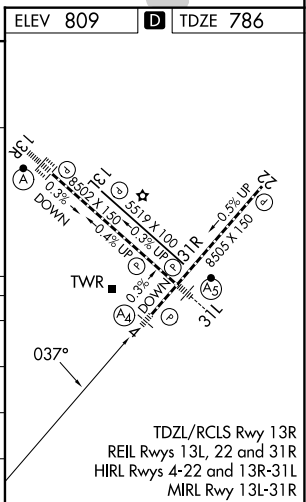
SAN ANTONIO INTL (SAT)

RNP APCH - GPS.		MALS	MISSED APPROACH: Climb to 3500 direct BISGE and track 030° to SHEPE and hold.
▼ Circling NA northwest of Rwy 4 and 13R. Inop table does not apply to LPV. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 6000. Increase LNAV Cats A/B visibility to RVR 5500 and LNAV Cats C/D visibility to 1% SM.		Ⓜ	

D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6
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VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 79).		3500		BISGE	tr 030°	SHEPE △
AVREE		NADBE				
3500		2000		1.3 NM to RW04		
GP 3.00° TCH 56		2000		RW04		
4.9 NM		2.3 NM		1.3 NM		
CATEGORY	A	B	C	D		
LPV DA	986/40		200 (200-¾)			
LNAV/ VNAV DA	1201/50		415 (400-1)			
LNAV MDA	1280/40	494 (500-¾)	1280/60	494 (500-1¼)		
CIRCLING	1280-1 471 (500-1)	1340-1 531 (600-1)	1420-1¾ 611 (700-1¾)	1520-2¼ 711 (800-2¼)		



SAN ANTONIO, TEXAS
Amdt 4A 20FEB25

29°32'N-98°28'W

RNAV (GPS) Y RWY 4

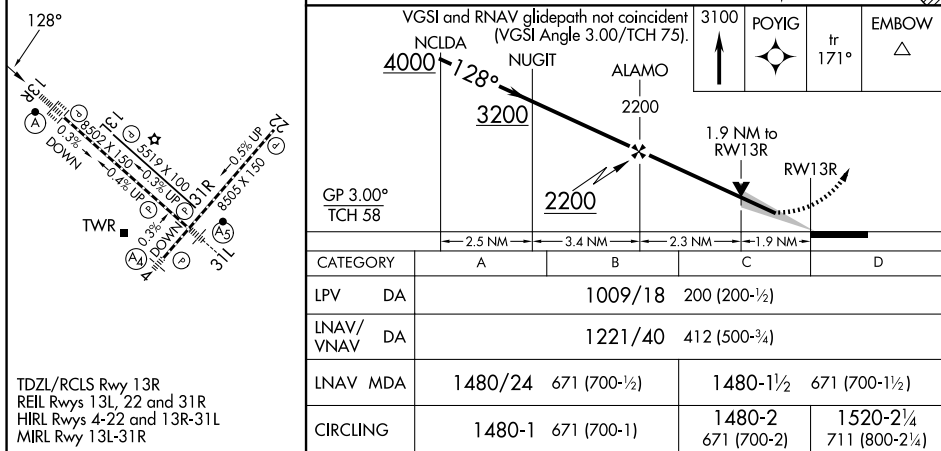
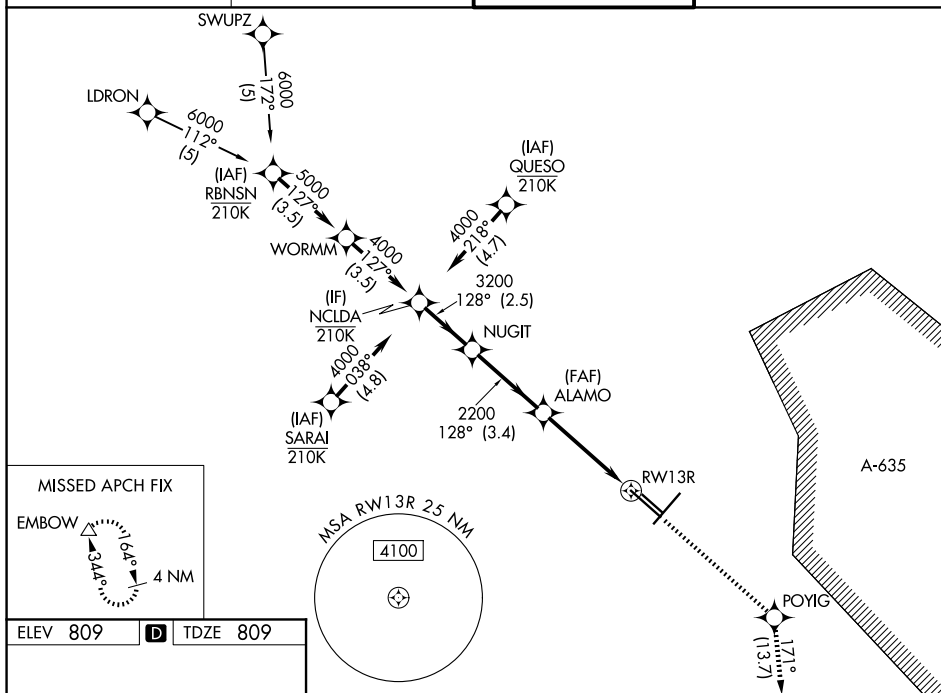
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 82409 W13A	APP CRS 128°	Rwy Ldg 8502 TDZE 809 Apt Elev 809
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RNAV (GPS) Y RWY 13R
SAN ANTONIO INTL (SAT)

RNP APCH - GPS.			MISSED APPROACH: Climb to 3100 direct POYIG and on track 171° to EMBOW and hold.
 Circling NA northwest of Rwy 4 and 13R. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 6000 and LNAV Cts C and D visibility to 1% SM.			
D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6



SAN ANTONIO, TEXAS

AL-369 (FAA)

25331

WAAS CH 69430 W22A	APP CRS 217°	Rwy Ldg TDZE 770 Apt Elev 809
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RNAV (GPS) Y RWY 22

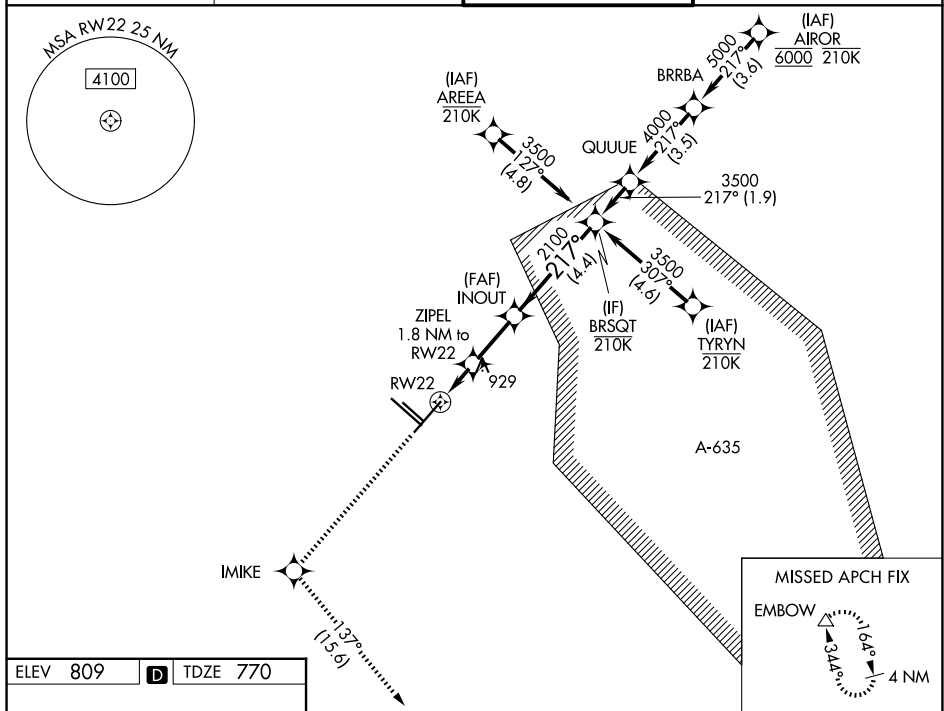
SAN ANTONIO INTL (SAT)

RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -6°C or above 54°C.
Circling NA northwest of Rwy 4 and 13R.

MISSED APPROACH: Climb to 3100 direct IMIKE and on track 137° to EMBOW and hold.

D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6
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ELEV 809	D	TDZE 770
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3100 IMIKE tr 137°		EMBOW	VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 85).	
ZIPEL 1.8 NM to RW22		INOUT 2100	BRSQT 3500	
1.3 NM to RW22		0.5 NM	2.3 NM	
1.3 NM		0.5 NM	4.4 NM	
CATEGORY	A	B	C	D
LPV DA	970-3/4		200 (200-3/4)	
LNAV/VNAV DA	1240-1 3/8		470 (500-1 3/8)	
LNAV MDA	1240-1	470 (500-1)	1240-1 3/8	470 (500-1 3/8)
CIRCLING	1280-1 471 (500-1)	1340-1 531 (600-1)	1420-1 3/4 611 (700-1 3/4)	1540-2 1/4 731 (800-2 1/4)

TDZL/RCLS Rwy 13R
REIL Rwy 13L, 22 and 31R
HIRL Rwy 4-22 and 13R-31L
MIRL Rwy 13L-31R

SAN ANTONIO, TEXAS

Amdt 4 27NOV25

29°32'N-98°28'W

SAN ANTONIO INTL (SAT)

RNAV (GPS) Y RWY 22

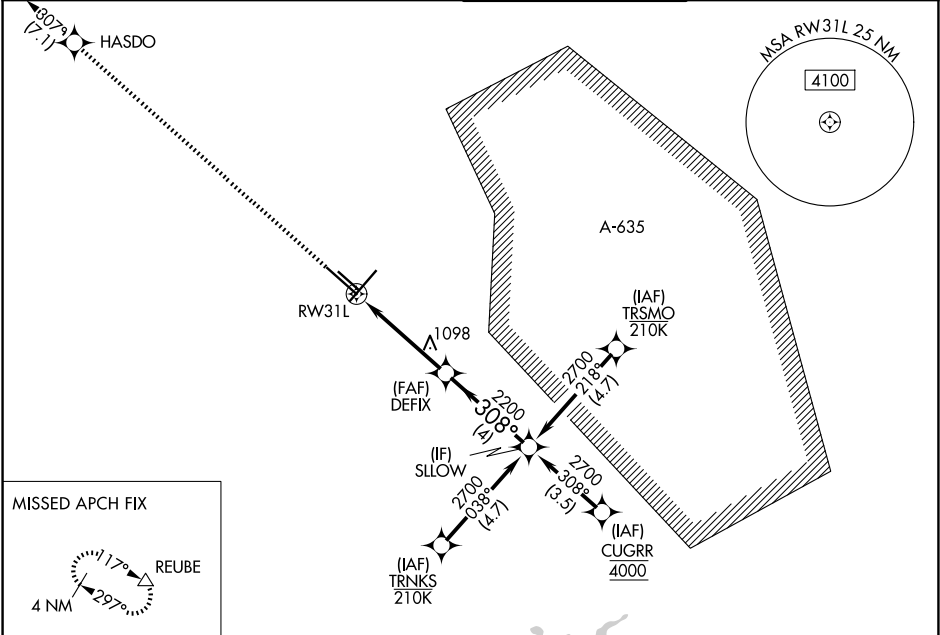
SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 61209 W31A	APP CRS 308°	Rwy Ldg TDZE 790 Apt Elev 809
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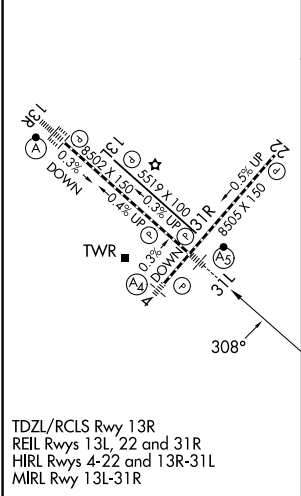
RNAV (GPS) Y RWY 31L
SAN ANTONIO INTL (SAT)

RNP APCH - GPS. ▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C or above 54°C. Circling NA northwest of Rwy 4 and 13R. ▲ * RVR 1800 authorized with use of FD or AP or HUD to DA.	MALSR AS	MISSED APPROACH: Climb to 4200 direct HASDO and track 307° to REUBE and hold.
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D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6
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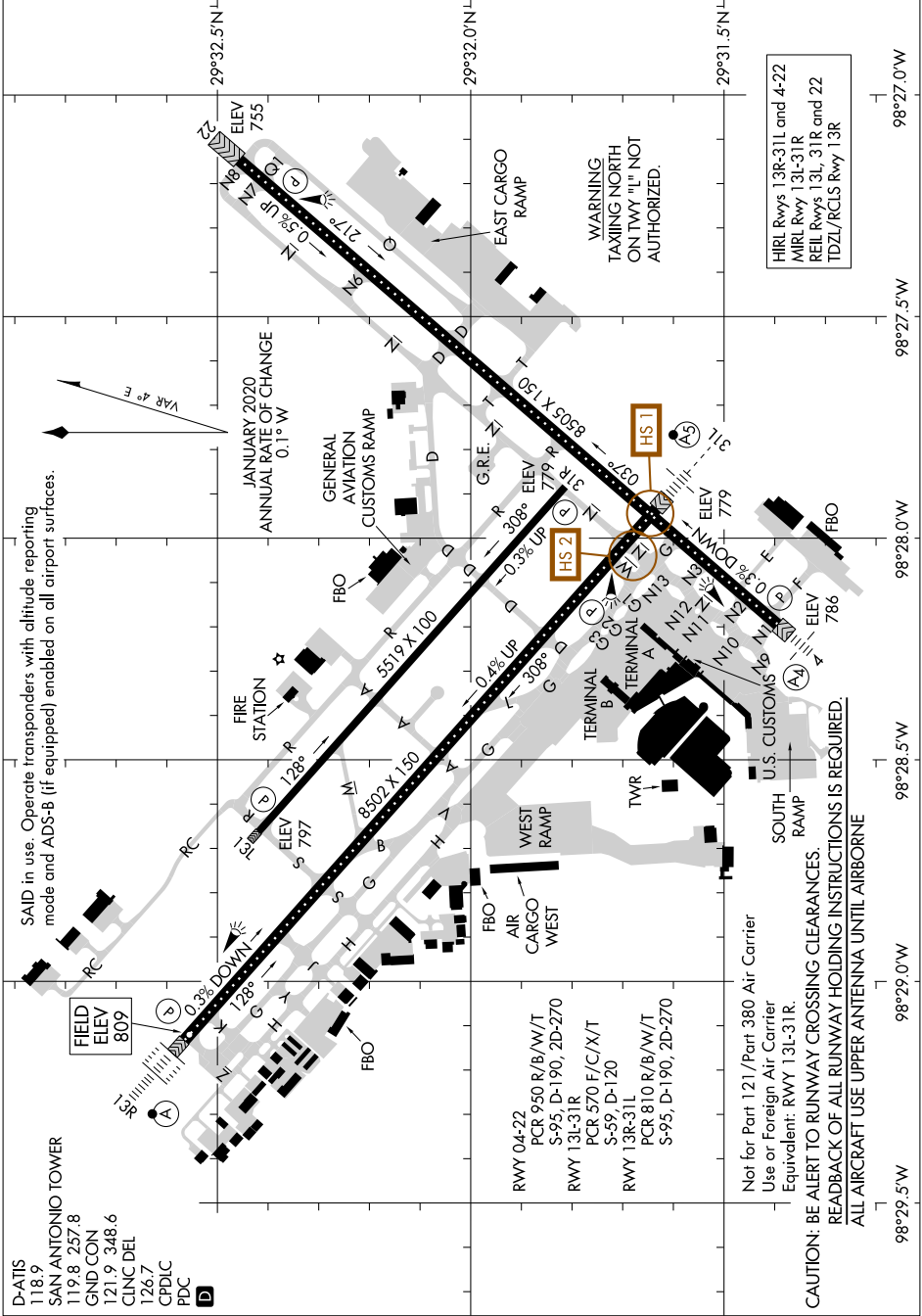
ELEV 809	D	TDZE 790
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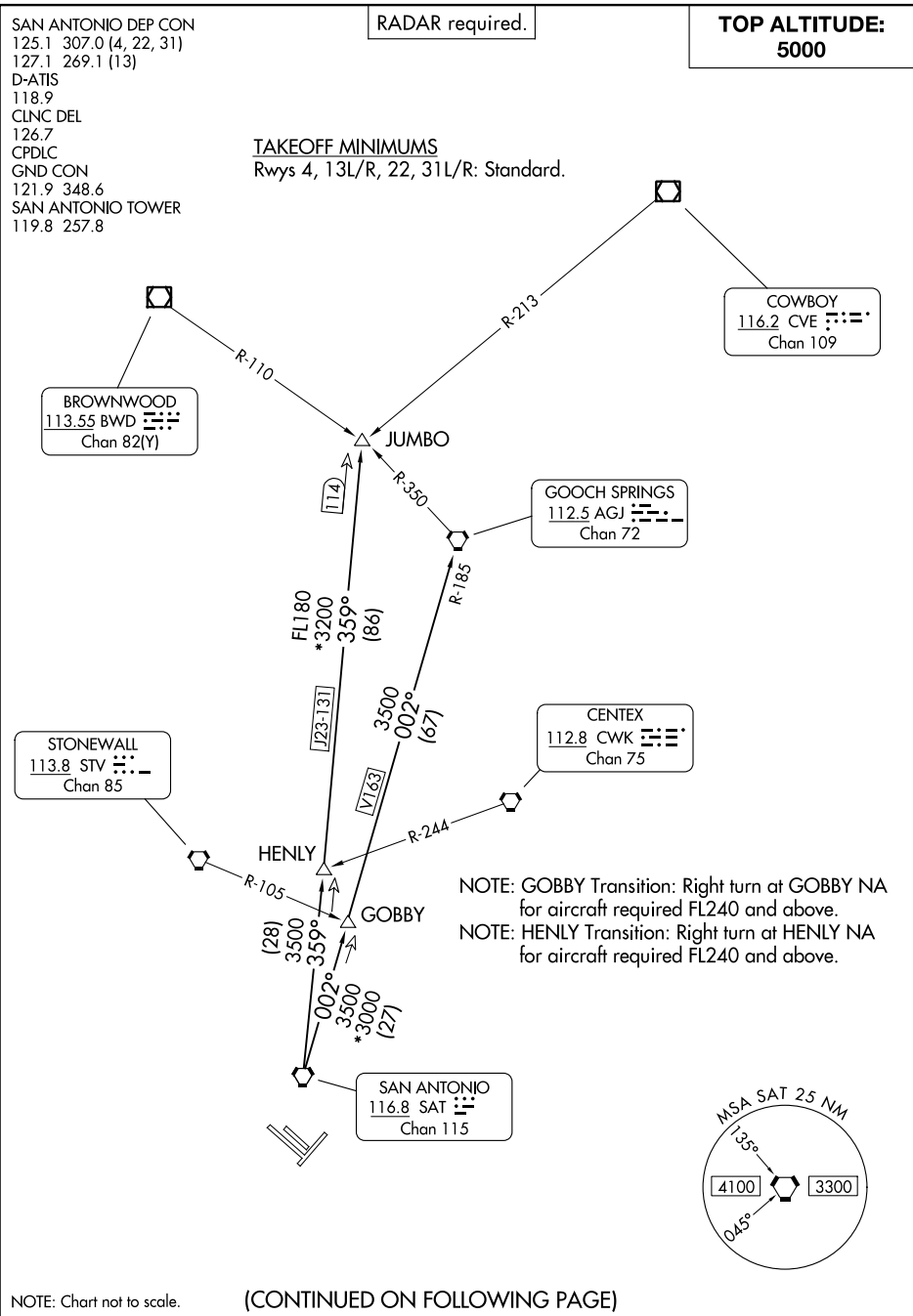


4200	HASDO	REUBE	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 82).	
↑	✧	△	SLOW	
1.5 NM to RWY 31L		DEFIX 2200	308°	2700
RWY 31L		2200	308°	2700
1.5 NM		2.8 NM	4 NM	GP 3.00° TCH 60
CATEGORY	A	B	C	D
LPV DA *	990/24		200 (200-½)	
LNAV/VNAV DA	1220/40		430 (500-¾)	
LNAV MDA	1360/24	570 (600-½)	1360/60	570 (600-1¼)
CIRCLING	1360-1	551 (600-1)	1420-1¾ 611 (700-1¾)	1520-2¼ 711 (800-2¼)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026





ALAMO FIVE DEPARTURE



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4, 13L/R, 22, 31L/R: Climb on assigned heading for RADAR vectors to SAT VORTAC, maintain 5000, then on transition/route. Expect filed altitude 10 minutes after departure.

GOBBY TRANSITION (ALAMO5.GOBBY): From over SAT VORTAC on SAT R-002 to GOBBY.

GOOCH SPRINGS TRANSITION (ALAMO5.AGJ): From over SAT VORTAC on SAT R-002 to GOBBY, then on SAT R-002 and AGJ R-185 to AGJ VORTAC.

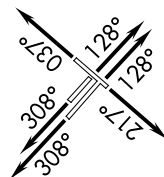
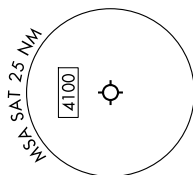
HENLY TRANSITION (ALAMO5.HENLY): From over SAT VORTAC on SAT R-359 to HENLY.

JUMBO TRANSITION (ALAMO5.JUMBO): From over SAT VORTAC on SAT R-359 to JUMBO.

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

TOP ALTITUDE:
5000



NOTE: Chart not to scale.

RNAV 1 - DME/DME/IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

SAN ANTONIO DEP CON
125.1 307.0 (31L/R)
125.7 290.225 (13L/R, 22)
127.1 269.1 (4)

D-ATIS

118.9

CLINC DEL

126.7

CPDLC

GND CON

121.9 348.6

SAN ANTONIO 1100 9570

$$Z \leftarrow$$

TAKEOFF MINIMUMS

Rwys 4, 13L/R, 22, 31L/R: Standard.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 037° or as assigned by ATC, for vectors to TREVA, thence. . . .

TAKEOFF RUNWAYS 13L/R: Climb on heading 128° or as assigned by

ATC for vectors to TRFVA, thence

TAKEOFF RUNWAY 22: Climb on heading 217° or as assigned by ATC

for vectors to TPEVA thence
TAKEOFF RUNWAY 22. Climb on heading Z17 or as assigned by ATIS,

for vectors to KEVA, hence. . .

TAKEOFF RUNWAYS 31L/R: Climb on heading 308° or as assigned by ATIS for **TRV** or **TRV** if **TRV** is **TRV**.

AIC, for vectors to IREVA, hence. . . .

... on track 305° to TATAR, then on track 305° to ALISS. Maintain 5000.

Expect filed altitude 10 minutes after departure.

(ALISS7.ALISS) 07AUG25

SAN ANTONIO INTL (SAT)

(BOWIE8.BOWIE) 25219

AL-369 (FAA)

SAN ANTONIO INTL (SAT)
SAN ANTONIO, TEXAS

BOWIE EIGHT DEPARTURE

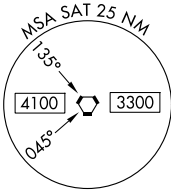
SAN ANTONIO DEP CON
125.7 290.225 (Rwys 13, 22, 31)
127.1 269.1 (Rwy 4 CORPUS CHRISTI Transition)
125.1 307.0 (Rwy 4 LAREDO Transition)
D-ATIS
118.9
CLNC DEL
126.7
CPDLC
GND CON
121.9 348.6
SAN ANTONIO TOWER
119.8 257.8

RADAR required.
DME required.

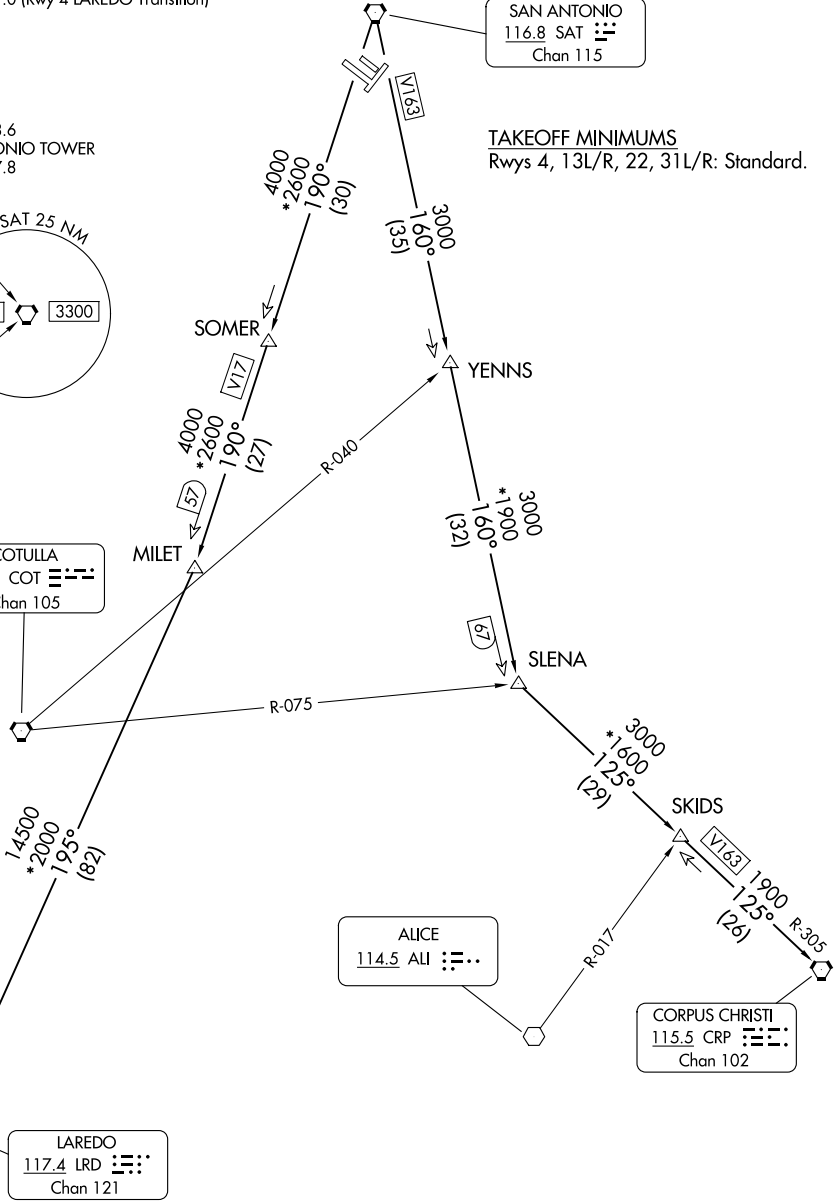
TOP ALTITUDE:
5000

SAN ANTONIO
116.8 SAT
Chan 115

TAKEOFF MINIMUMS
Rwys 4, 13L/R, 22, 31L/R: Standard.



COTULLA
115.8 COT
Chan 105



NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

BOWIE EIGHT DEPARTURE

(BOWIE8.BOWIE) 07AUG25

SAN ANTONIO, TEXAS
SAN ANTONIO INTL (SAT)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



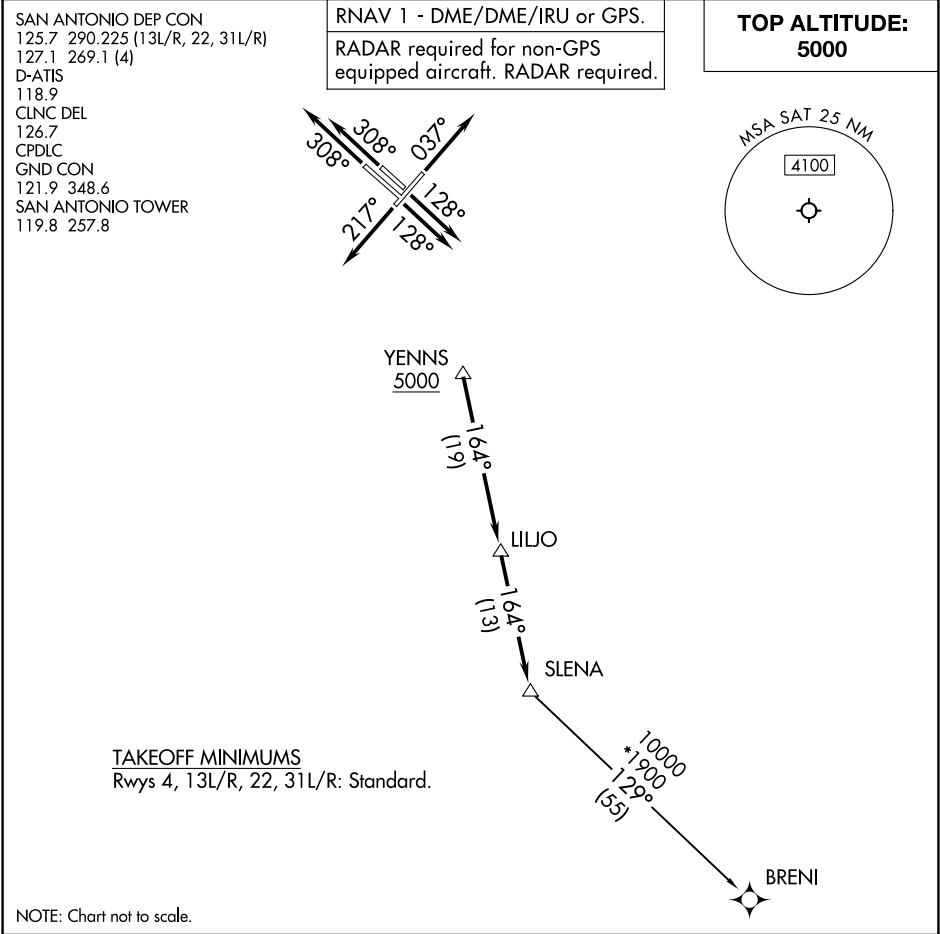
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4, 13L/R, 22, 31L/R: Climb on assigned heading for vectors to SAT VORTAC. Then on transition route, expect filed altitude 10 minutes after departure. Maintain 5000.

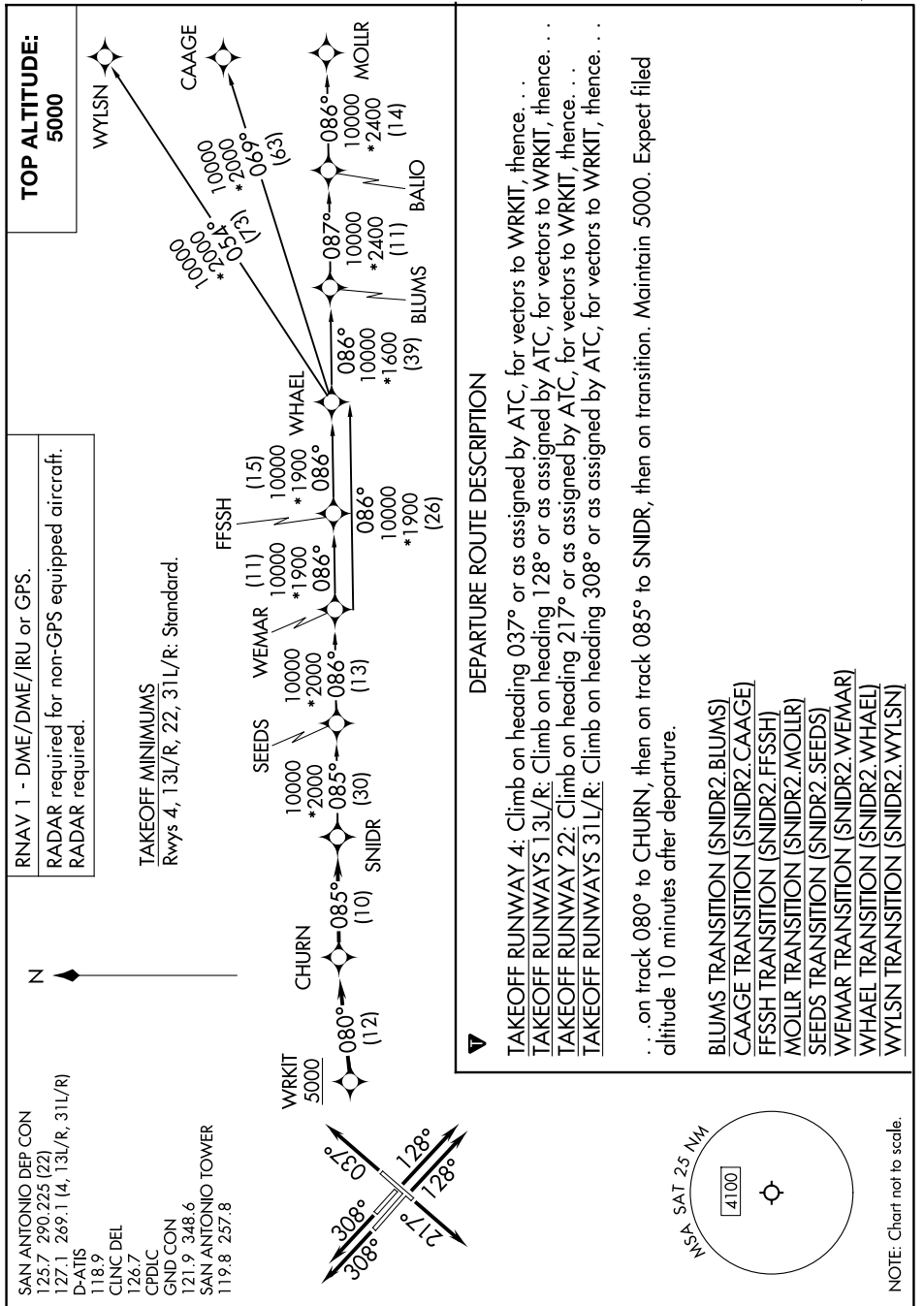
CORPUS CHRISTI TRANSITION (BOWIE8.CRP): From over SAT VORTAC on SAT R-160 to SLENA, then on CRP R-305 to CRP VORTAC.

LAREDO TRANSITION (BOWIE8.LRD): From over SAT VORTAC on SAT R-190 to MILET, then on LRD R-015 to LRD VORTAC.

SAN ANTONIO INTL (SAT)



SNIDR TWO DEPARTURE (RNAV)

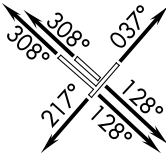


NOTE: Chart not to scale.

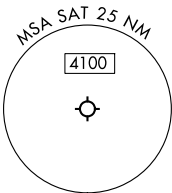
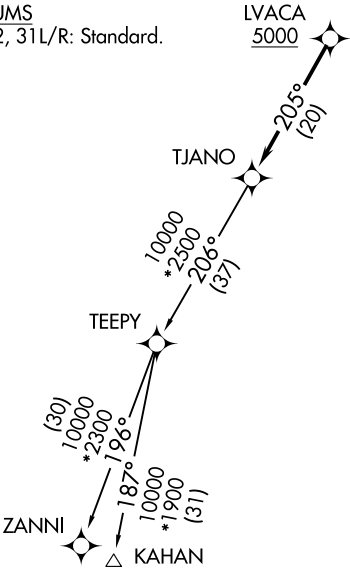
SAN ANTONIO DEP CON
125.7 290.225 (13L/R, 22, 31L/R)
127.1 269.1 (4)
D-ATIS
118.9
CLNC DEL
126.7
CPDLC
GND CON
121.9 348.6
SAN ANTONIO TOWER
119.8 257.8

RNAV 1 - DME/DME IRU or GPS.
RADAR required for non-GPS
equipped aircraft. RADAR required.

TOP ALTITUDE:
5000



TAKEOFF MINIMUMS
Rwys 4, 13L/R, 22, 31L/R: Standard.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 037° or as assigned by ATC, for vectors to LVACA, thence. . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 128° or as assigned by ATC, for vectors to LVACA, thence. . .
TAKEOFF RUNWAY 22: Climb on heading 217° or as assigned by ATC, for vectors to LVACA, thence. . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 308° or as assigned by ATC, for vectors to LVACA, thence. . .

. . .on track 205° to TJANO, then on transition. Maintain 5000. Expect filed altitude 10 minutes after departure.

KAHAN TRANSITION (TJANO2.KAHAN)
ZANNI TRANSITION (TJANO2.ZANNI)

(YODUH2.YODUH) 25219

AL-369 (FAA)

SAN ANTONIO INTL (SAT)

SAN ANTONIO, TEXAS

YODUH TWO DEPARTURE (RNAV)

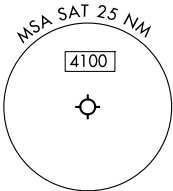
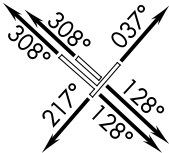
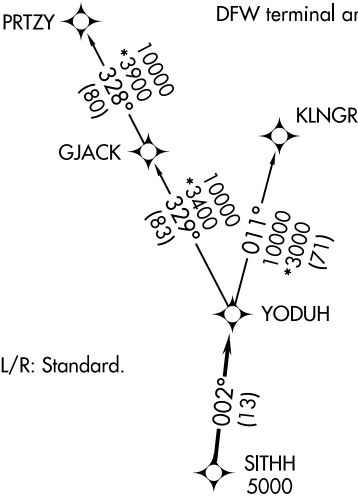
SAN ANTONIO DEP CON
125.1 307.0 (31L/R)
125.7 290.225 (22)
127.1 269.1 (4, 13L/R)
D-ATIS
118.9
CLNC DEL
126.7
CPDLC
GND CON
121.9 348.6
SAN ANTONIO TOWER
119.8 257.8

RNAV 1 - DME/DME IRU or GPS.
RADAR required for non-GPS
equipped aircraft. RADAR required.

TOP ALTITUDE:
5000

NOTE: Aircraft destined for airports north/northeast of
DFW terminal area must file the KLNGR Transition.

TAKEOFF MINIMUMS
Rwys 4, 13L/R, 22, 31L/R: Standard.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 037° or as assigned by ATC, for vectors to SITHH, thence. . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 128° or as assigned by ATC, for vectors to SITHH, thence. . .
TAKEOFF RUNWAY 22: Climb on heading 217° or as assigned by ATC, for vectors to SITHH, thence. . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 308° or as assigned by ATC, for vectors to SITHH, thence. . .

. . .on track 002° to YODUH, then on transition. Maintain 5000. Expect filed altitude 10 minutes after departure.

KLNGR TRANSITION (YODUH2.KLNGR)
PRTZY TRANSITION (YODUH2.PRTZY)

YODUH TWO DEPARTURE (RNAV)
(YODUH2.YODUH) 07AUG25

SAN ANTONIO, TEXAS
SAN ANTONIO INTL (SAT)

APP CRS 338°	Rwy Ldg 3530 TDZE 571 Apt Elev 578
------------------------	---

RNAV (GPS) RWY 32
STINSON MUNI (SSF)

T Rwy 32 helicopter visibility reduction below $\frac{3}{4}$ SM NA.
A Circling Rwy 10 NA at night.

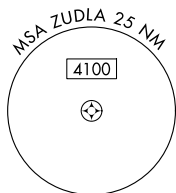
MISSED APPROACH: Climb to 1100 then climbing right turn to 2500 direct GANLE and hold.

ATIS
128.8

SAN ANTONIO APP CON
125.7 290.225

STINSON TOWER ★
118.2 (CTAF) 379.9

GND CON
121.7 379.9

UNICOM
122.95

Procedure NA for arrivals at
BRAUN on V68 northeast bound.

Final approach course offset 15.15°.

Procedure NA for arrivals at
SOMER on V17 northbound.

SOMER

$$\begin{array}{r} 3000 \\ - 1030 \\ \hline (8.8) \end{array}$$

ELEV 578	D	TDZE 571
----------	----------	----------

□

571

$$\begin{array}{c} 3000 \\ 005 \end{array}$$

(8.8)

Procedure NA for arrivals at LEMIG on V550-568 and T499 southbound.

1100	2500	GANLE
		

GANLE Holding Pattern

7° $\xrightarrow{157^\circ}$ 6000
 $\xleftarrow{337^\circ}$ 2500

CATEGORY	A	B	C	D
INAV MDA	940-1 369 (400-1)			NA
CIRCLING	1040-1 462 (500-1)	1120-1 542 (600-1)	1260-2 682 (700-2)	NA

REIL Rwys 10, 14, 28, and 32
MIRL Rwys 10-28 and 14-32

SAN ANTONIO, TEXAS
Amdt 1A 14MAY26

29°20'N-98°28'W

STINSON MUNI (SSF)

RNAV (GPS) RWY 32

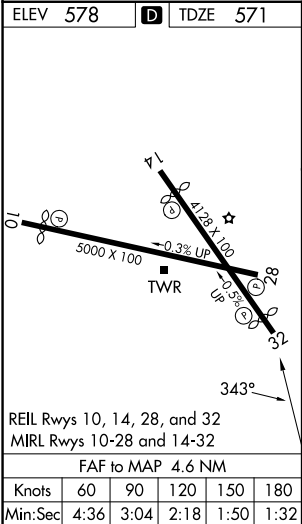
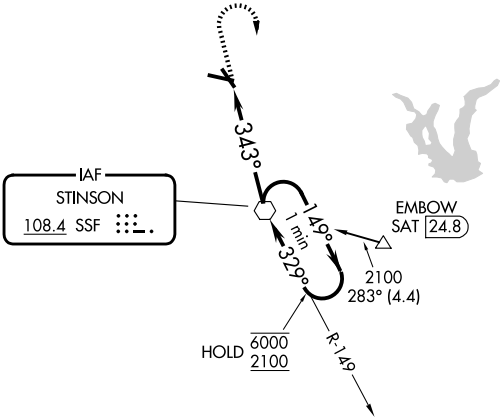
SC-3, 03 SEP 2026 to 29 OCT 2026

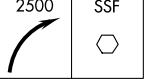
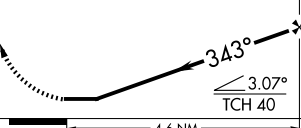
VOR SSF	APP CRS	Rwy Ldg
108.4	343°	3530
		TDZE
		571
		Apt Elev
		578

VOR RWY 32
STINSON MUNI (SSF)

 Rwy 32 helicopter visibility reduction below 3/4 SM NA. Straight-in Rwy 32 NA at night, Circling Rwy 10, NA at night.	MISSED APPROACH: Climb to 1400 then climbing right turn to 2500 direct SSF VOR and hold.
--	--

ATIS 128.8	SAN ANTONIO APP CON 125.7 290.225	STINSON TOWER ★ 118.2 (CTAF) 379.9	GND CON 121.7 379.9	UNICOM 122.95
----------------------	---	--	-------------------------------	-------------------------



1400	2500	SSF	One Minute Holding Pattern	
		SSF VOR	149° → 6000	← 329° 2100
		343°	149°	329°
4.6 NM		3.07°	TCH 40	
CATEGORY	A	B	C	D
S-32	1020-1	449 (500-1)	1020-1 3/8 449 (500-1 3/8)	NA
CIRCLING	1040-1 462 (500-1)	1120-1 542 (600-1)	1260-2 682 (700-2)	NA

AIRPORT DIAGRAM

AL-372 (FAA)

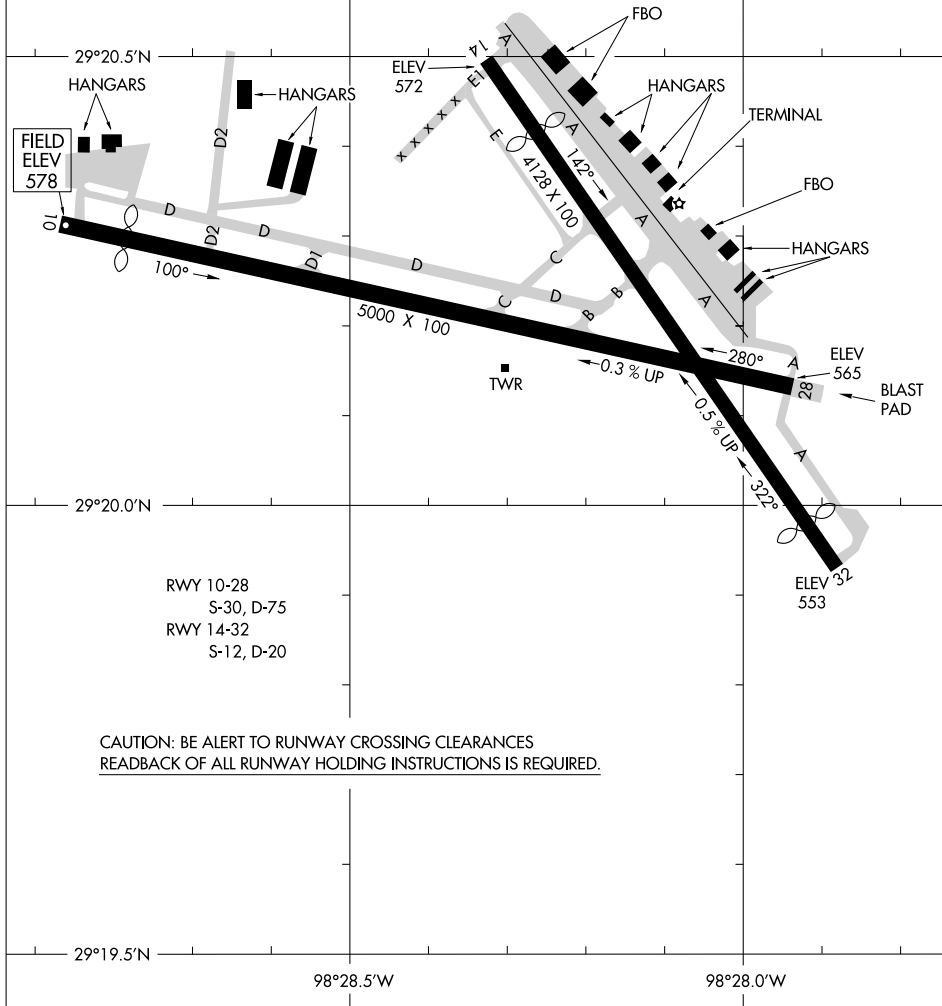
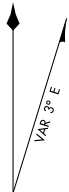
STINSON MUNI (SSF)

SAN ANTONIO, TEXAS

ATIS
128.8
STINSON TOWER ★
118.2 379.9
GND CON
121.7 379.9
CLNC DEL (When Tower Closed)
121.7



JANUARY 2025
ANNUAL RATE OF CHANGE
0.1° W

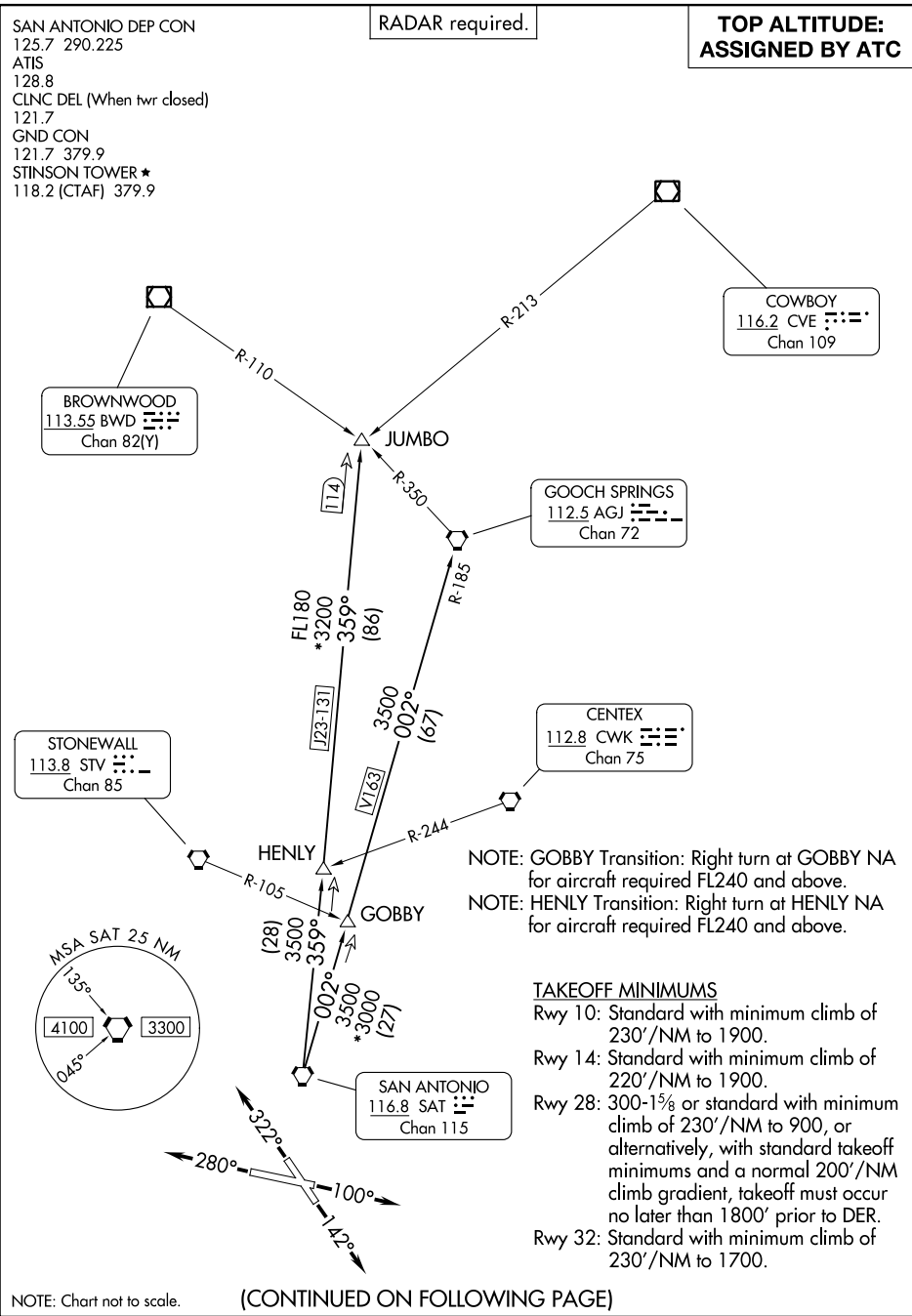


SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

ALAMO FIVE DEPARTURE



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

ALAMO FIVE DEPARTURE

ALAMO FIVE DEPARTURE



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10: Climb on heading 100° or as assigned by ATC for RADAR vectors to SAT VORTAC, thence. . .

TAKEOFF RUNWAY 14: Climb on heading 142° or as assigned by ATC for RADAR vectors to SAT VORTAC, thence. . .

TAKEOFF RUNWAY 28: Climb on heading 280° or as assigned by ATC for RADAR vectors to SAT VORTAC, thence. . .

TAKEOFF RUNWAY 32: Climb on heading 322° or as assigned by ATC for RADAR vectors to SAT VORTAC, thence. . .

. . .on transition/route. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GOBBY TRANSITION (ALAMO5.GOBBY): From over SAT VORTAC on SAT R-002 to GOBBY.

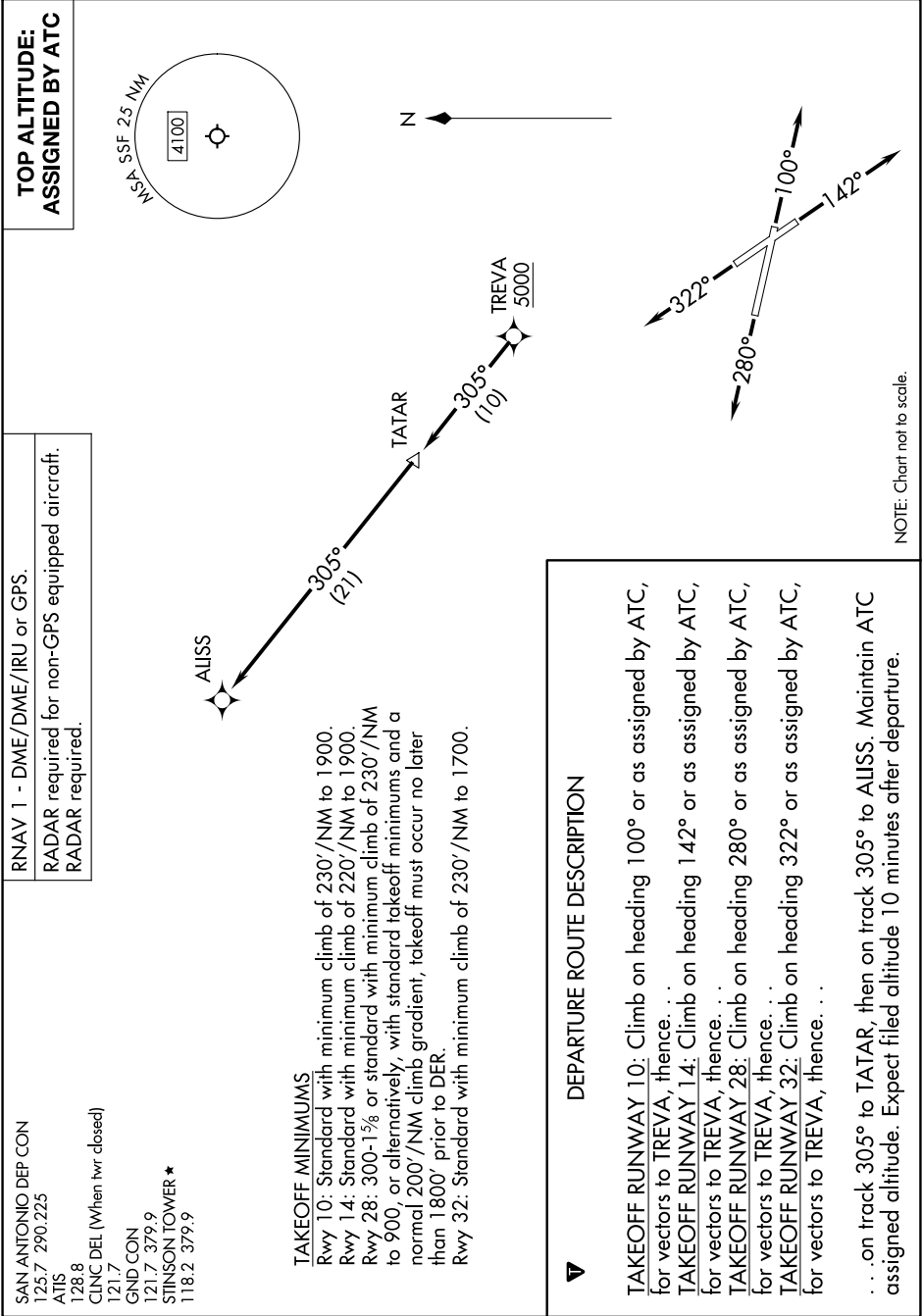
GOOCH SPRINGS TRANSITION (ALAMO5.AGJ): From over SAT VORTAC on SAT R-002 to GOBBY, then on SAT R-002 and AGJ R-185 to AGJ VORTAC.

HENLY TRANSITION (ALAMO5.HENLY): From over SAT VORTAC on SAT R-359 to HENLY.

JUMBO TRANSITION (ALAMO5.JUMBO): From over SAT VORTAC on SAT R-359 to JUMBO.

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



(BOWIE8.BOWIE) 25219

AL-372 (FAA)

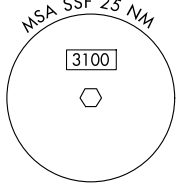
STINSON MUNI (SSF')

SAN ANTONIO, TEXAS

BOWIE EIGHT DEPARTURE

SAN ANTONIO DEP CON
125.7 290.225
ATIS
128.8
CLNC DEL (When twr closed)
121.7
GND CON
121.7 379.9
STINSON TOWER ★
118.2 (CTAF) 379.9

RADAR required.
DME required.



SAN ANTONIO
116.8 SAT
Chan 115

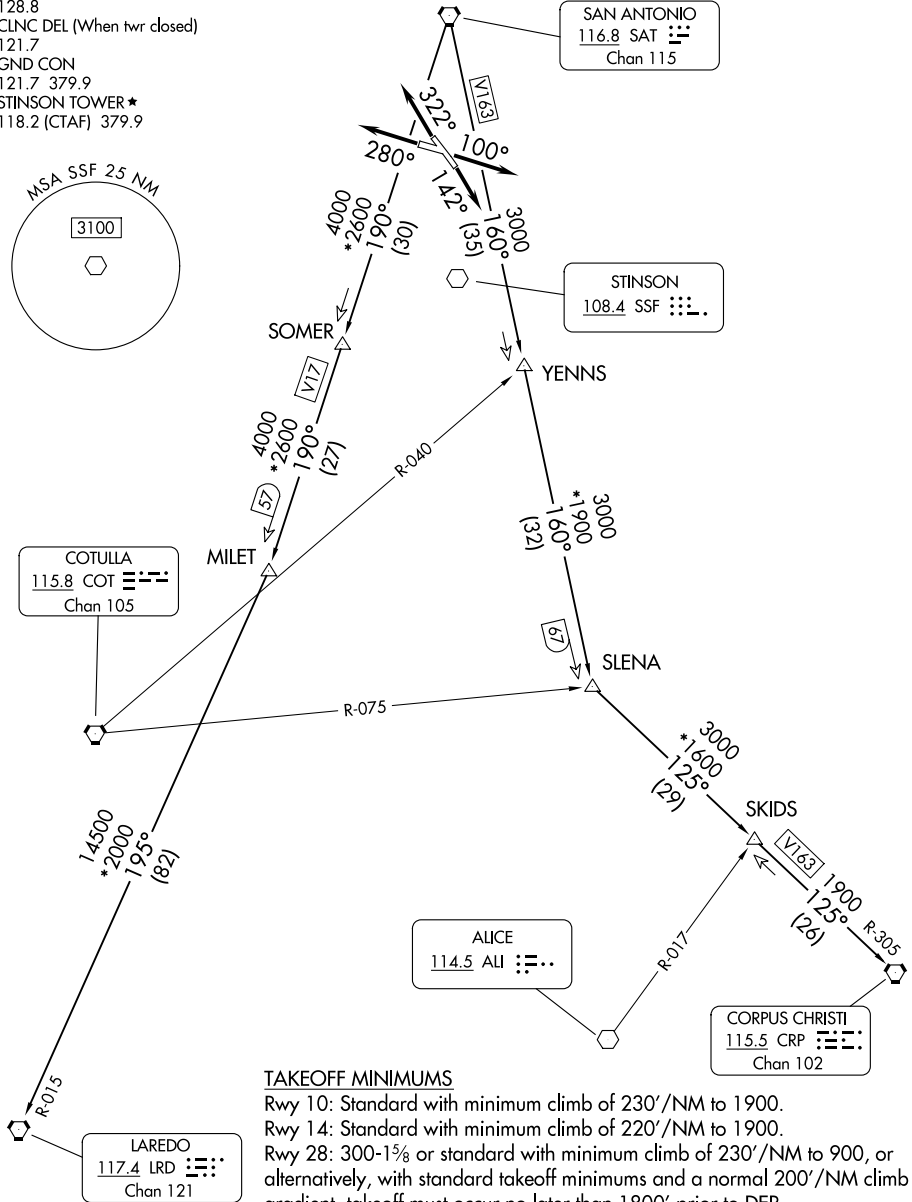
STINSON
108.4 SSF

COTULLA
115.8 COT
Chan 105

ALICE
114.5 ALI

CORPUS CHRISTI
115.5 CRP
Chan 102

LAREDO
117.4 LRD
Chan 121



TAKEOFF MINIMUMS

Rwy 10: Standard with minimum climb of 230'/NM to 1900.

Rwy 14: Standard with minimum climb of 220'/NM to 1900.

Rwy 28: 300-1½ or standard with minimum climb of 230'/NM to 900, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1800' prior to DER.

Rwy 32: Standard with minimum climb of 230'/NM to 1700.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

BOWIE EIGHT DEPARTURE

(BOWIE8.BOWIE) 07AUG25

SAN ANTONIO, TEXAS

STINSON MUNI (SSF')



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10: Climb on heading 100° or as assigned by ATC for vectors to SAT VORTAC, thence. . . .
TAKEOFF RUNWAY 14: Climb on heading 142° or as assigned by ATC for vectors to SAT VORTAC, thence. . . .
TAKEOFF RUNWAY 28: Climb on heading 280° or as assigned by ATC for vectors to SAT VORTAC, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 322° or as assigned by ATC for vectors to SAT VORTAC, thence. . . .

. . . .on transition/route. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (BOWIE8.CRP): From over SAT VORTAC on SAT R-160 to SLENA, then on CRP R-305 to CRP VORTAC.

LAREDO TRANSITION (BOWIE8.LRD): From over SAT VORTAC on SAT R-190 to MILET, then on LRD R-015 to LRD VORTAC.

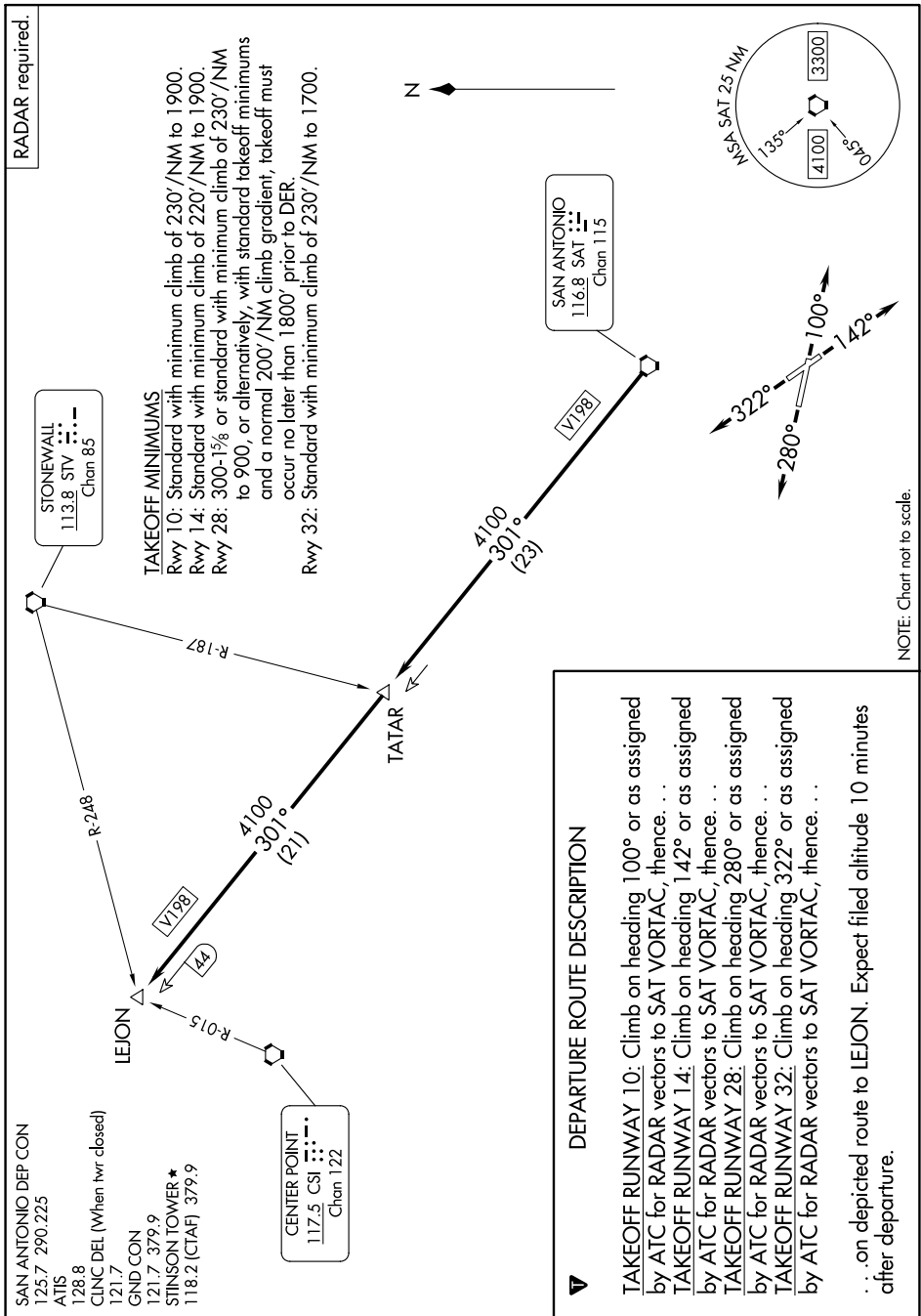
SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

(LEJON5.LEJON) 26246
LEJON FIVE DEPARTURE

438
AL-372 (FAA)

STINSON MUNI (SSF)
SAN ANTONIO, TEXAS



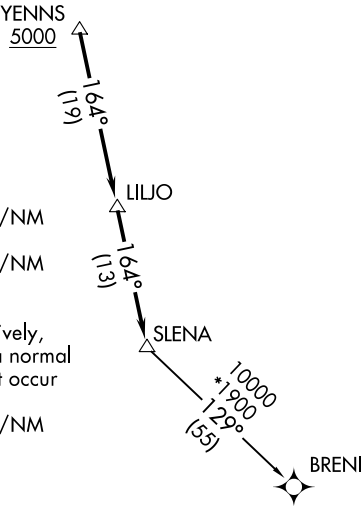
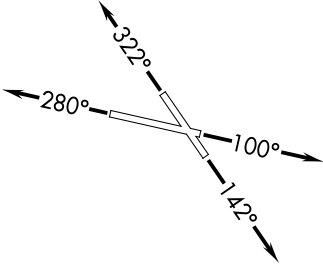
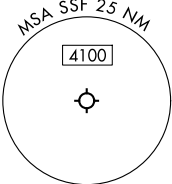
(LEJON5.LEJON) 07AUG25
LEJON FIVE DEPARTURE

SAN ANTONIO, TEXAS
STINSON MUNI (SSF)

SAN ANTONIO DEP CON
125.7 290.225
ATIS
128.8
CLNC DEL (When twr closed)
121.7
GND CON
121.7 379.9
STINSON TOWER ★
118.2 379.9

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.
RADAR required.

TOP ALTITUDE:
ASSIGNED BY ATC



TAKEOFF MINIMUMS

- Rwy 10: Standard with minimum climb of 230’/NM to 1900.
- Rwy 14: Standard with minimum climb of 220’/NM to 1900.
- Rwy 28: 300-1½ or standard with minimum climb of 230’/NM to 900, or alternatively, with standard takeoff minimums and a normal 200’/NM climb gradient, takeoff must occur no later than 1800’ prior to DER.
- Rwy 32: Standard with minimum climb of 230’/NM to 1700.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10: Climb on heading 100° or as assigned by ATC, for vectors to YENNS. Thence. . .
TAKEOFF RUNWAY 14: Climb on heading 142° or as assigned by ATC, for vectors to YENNS. Thence. . .
TAKEOFF RUNWAY 28: Climb on heading 280° or as assigned by ATC, for vectors to YENNS. Thence. . .
TAKEOFF RUNWAY 32: Climb on heading 322° or as assigned by ATC, for vectors to YENNS. Thence. . .
...on track 164° to LILJO, then on track 164° to SLENA, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

BRENI TRANSITION (SLENA2.BRENI)

SNIDR TWO DEPARTURE (RNAV)

SC-3, 03 SEP 2026 to 29 OCT 2026

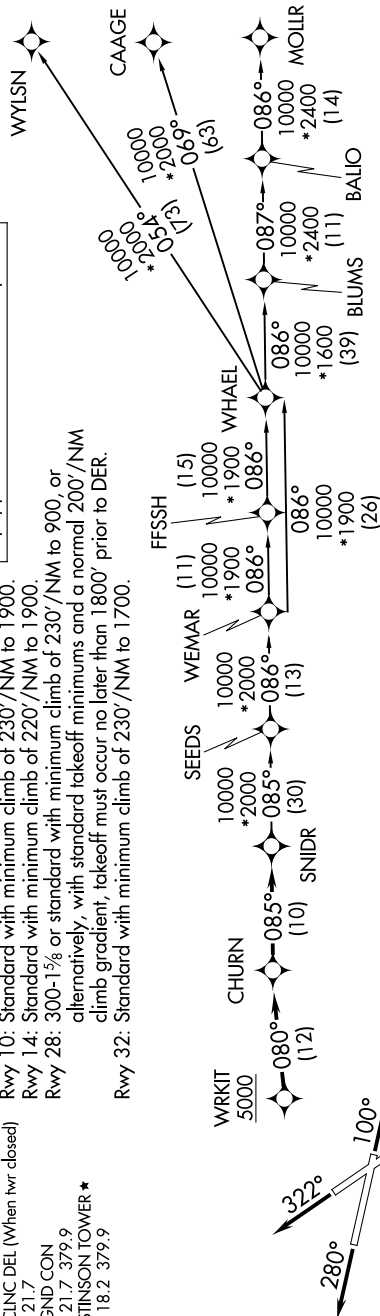
SAN ANTONIO DEP CON
125.7 290.225
ATIS
128.8
CLINC DEL (When twr closed)
121.7
GND CON
121.7 379.9
STINSON TOWER ★
118.2 379.9

TAKEOFF MINIMUMS

Rwy 10: Standard with minimum climb of 230°/NM to 1900.
 Rwy 14: Standard with minimum climb of 220°/NM to 1900.
 Rwy 28: 300-1% or standard with minimum climb of 230°/NM; alternatively, with standard takeoff minimums and a 2% climb gradient, takeoff must occur no later than 1800.
 Rwy 32: Standard with minimum climb of 230°/NM to 1700.

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS
equipped aircraft. RADAR required

**TOP ALTITUDE:
ASSIGNED BY ATC**

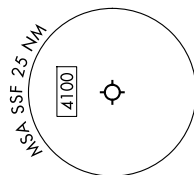


DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10: Climb on heading 100° or as assigned by ATC, for vectors to WRKIT, hence. . .
 TAKEOFF RUNWAY 14: Climb on heading 142° or as assigned by ATC, for vectors to WRKIT, hence. . .
 TAKEOFF RUNWAY 28: Climb on heading 280° or as assigned by ATC, for vectors to WRKIT, hence. . .
 TAKEOFF RUNWAY 32: Climb on heading 322° or as assigned by ATC, for vectors to WRKIT, hence. . .

...on track 080° to CHURN, then on track 085° to SNIDR. Expect filed altitude 10 minutes after departure.

BLUMS TRANSITION (SNIDR2.BLUMS)
CAAGE TRANSITION (SNIDR2.CAAGE)
FFSSH TRANSITION (SNIDR2.FFSSH)
MOLLR TRANSITION (SNIDR2.MOLLR)
SEEDS TRANSITION (SNIDR2.SEEDS)
WEMAR TRANSITION (SNIDR2.WEMAR)
WHAEL TRANSITION (SNIDR2.WHAEL)
WYLSN TRANSITION (SNIDR2.WYLSN)



NOTE: Chart not to scale.

SNIDR TWO DEPARTURE (RNAV)

(SNIDR2.SNIDR) 07AUG25

SAN ANTONIO, TEXAS
STINSON MUNI (SSF)

TJANO TWO DEPARTURE (RNAV)

SAN ANTONIO DEP CON
125.7 290.225
ATIS
128.8
CLNC DEL (When twr closed)
121.7
GND CON
121.7 379.9
STINSON TOWER ★
118.2 379.9

RNAV 1 - DME/DME IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

**TOP ALTITUDE:
ASSIGNED BY ATC**

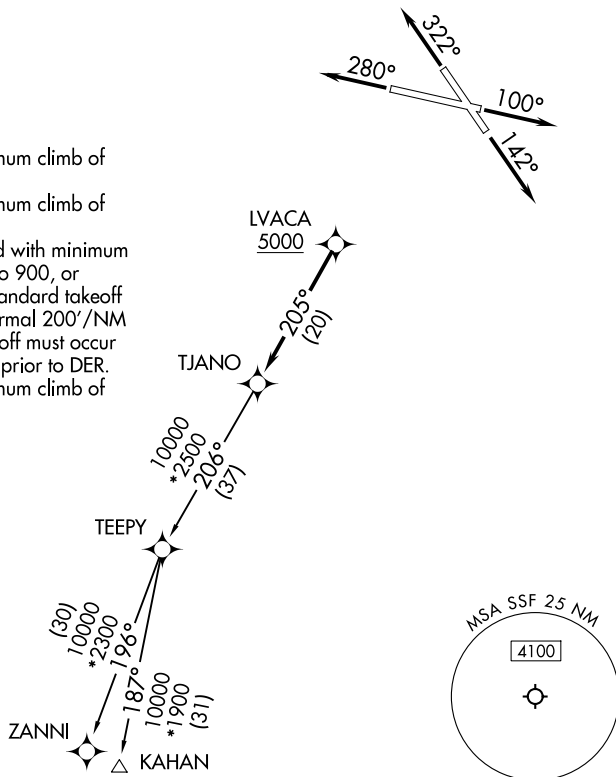
TAKEOFF MINIMUMS

Rwy 10: Standard with minimum climb of 230'/NM to 1900.

Rwy 14: Standard with minimum climb of 220'/NM to 1900.

Rwy 28: 300-1½ or standard with minimum climb of 230'/NM to 900, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1800' prior to DER.

Rwy 32: Standard with minimum climb of 230'/NM to 1700.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10: Climb on heading 100° or as assigned by ATC, for vectors to LVACA, thence. . .

TAKEOFF RUNWAY 14: Climb on heading 142° or as assigned by ATC, for vectors to LVACA, thence. . .

TAKEOFF RUNWAY 28: Climb on heading 280° or as assigned by ATC, for vectors to LVACA, thence. . .

TAKEOFF RUNWAY 32: Climb on heading 322° or as assigned by ATC, for vectors to LVACA, thence. . .

...on track 205° to TJANO, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

KAHAN TRANSITION (TJANO2.KAHAN)

ZANNI TRANSITION (TJANO2.ZANNI)

TJANO TWO DEPARTURE (RNAV)

(TJANO2.TJANO) 07AUG25

SAN ANTONIO, TEXAS
STINSON MUNI (SSF)

(YODUH2.YODUH) 25219

AL-372 (FAA)

STINSON MUNI (SSF)
SAN ANTONIO, TEXAS

YODUH TWO DEPARTURE (RNAV)

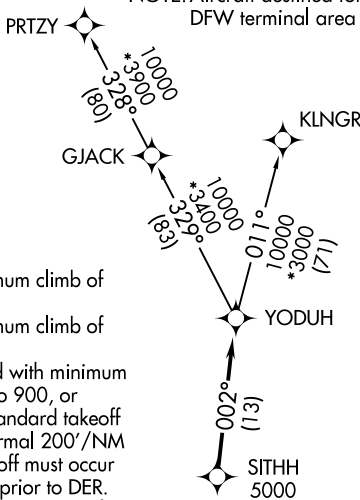
SAN ANTONIO DEP CON
125.7 290.225
ATIS
128.8
CLNC DEL (When twr closed)
121.7
GND CON
121.7 379.9
STINSON TOWER ★
118.2 379.9

RNAV 1 - DME/DME IRU or GPS.

RADAR required for non-GPS equipped aircraft.
RADAR required.

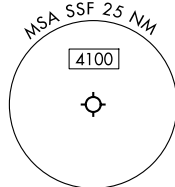
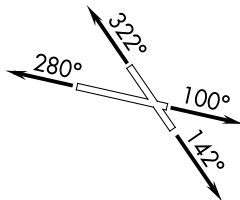
**TOP ALTITUDE:
ASSIGNED BY ATC**

NOTE: Aircraft destined for airports north/northeast of
DFW terminal area must file the KLNGR Transition.



TAKEOFF MINIMUMS

- Rwy 10: Standard with minimum climb of 230'/NM to 1900.
- Rwy 14: Standard with minimum climb of 220'/NM to 1900.
- Rwy 28: 300-1⁵/₈ or standard with minimum climb of 230'/NM to 900, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1800' prior to DER.
- Rwy 32: Standard with minimum climb of 230'/NM to 1700.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 10:** Climb on heading 100° or as assigned by ATC, for vectors to SITHH, thence. . .
- TAKEOFF RUNWAY 14:** Climb on heading 142° or as assigned by ATC, for vectors to SITHH, thence. . .
- TAKEOFF RUNWAY 28:** Climb on heading 280° or as assigned by ATC, for vectors to SITHH, thence. . .
- TAKEOFF RUNWAY 32:** Climb on heading 322° or as assigned by ATC, for vectors to SITHH, thence. . .

. . .on track 002° to YODUH, then on transition. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

KLNGR TRANSITION (YODUH2.KLNGR)
PRTZY TRANSITION (YODUH2.PRTZY)

YODUH TWO DEPARTURE (RNAV)
(YODUH2.YODUH) 07AUG25

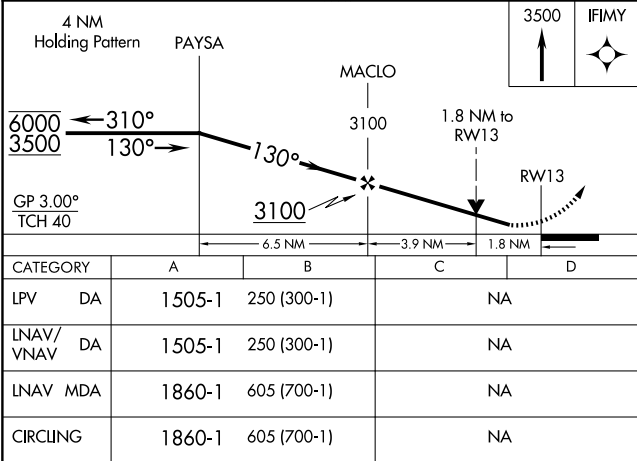
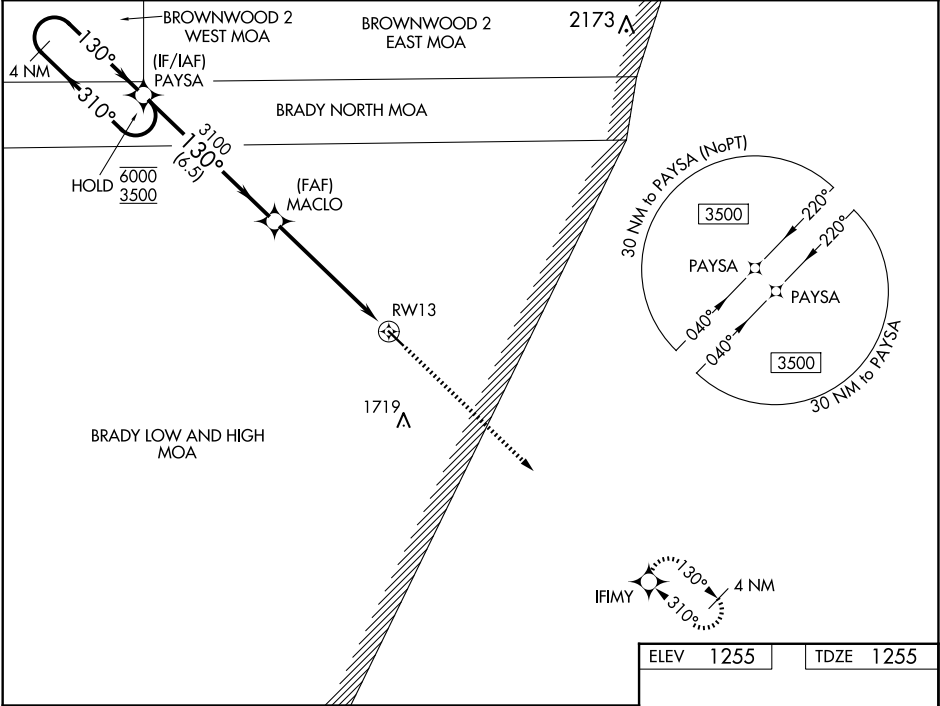
SAN ANTONIO, TEXAS
STINSON MUNI (SSF)

WAAS CH 87144 W13A	APP CRS 130°	Rwy Idg TDZE 1255 Apt Elev 1255	4206
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RNAV (GPS) RWY 13
SAN SABA COUNTY MUNI (81R)

RNP APCH - GPS. ▼ Rwy 13 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 3500 direct IFIMY and hold.
---	---

AWOS-3P 120.525	HOUSTON CENTER 132.35 317.5	UNICOM 122.8 (CTAF) 0
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ELEV	1255	TDZE	1255
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CATEGORY	A	B	C	D
LPV DA	1505-1	250 (300-1)	NA	
LNAV/VNAV DA	1505-1	250 (300-1)	NA	
LNAV MDA	1860-1	605 (700-1)	NA	
CIRCLING	1860-1	605 (700-1)	NA	

MIRL Rwy 13-31 0

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

SAN SABA, TEXAS

AL-11829 (FAA)

24193

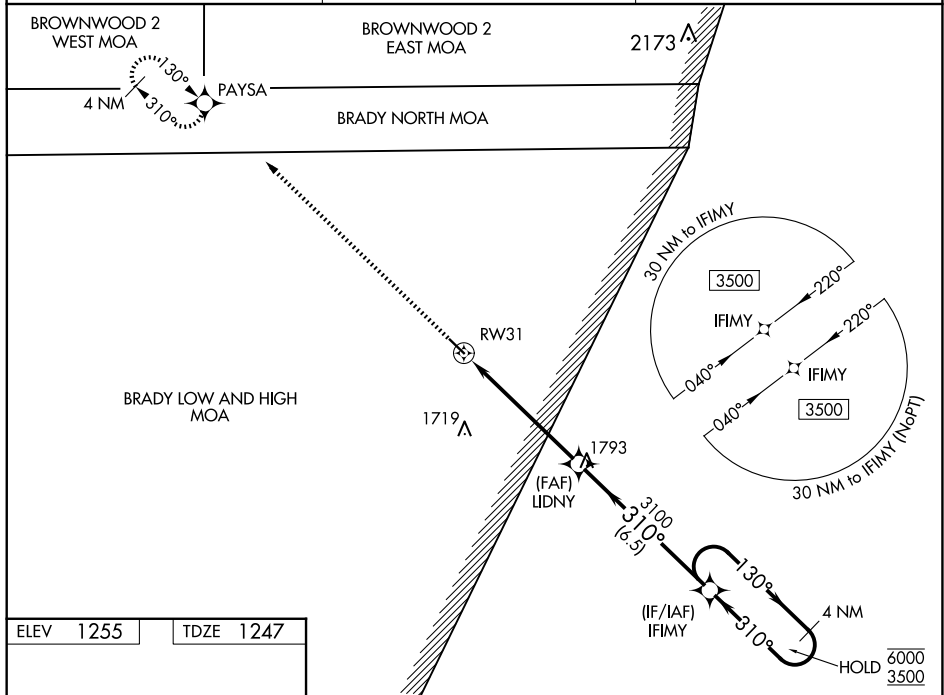
WAAS CH 42944 W31A	APP CRS 310°	Rwy Idg TDZE 1247 Apt Elev 1255	4206
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RNAV (GPS) RWY 31

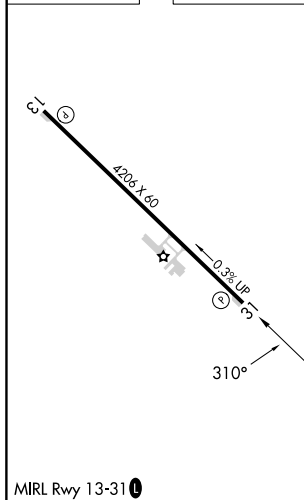
SAN SABA COUNTY MUNI (81R)

RNP APCH - GPS.	MISSED APPROACH: Climb to 3500 direct PAYSA and hold.
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AWOS-3P 120.525	HOUSTON CENTER 132.35 317.5	UNICOM 122.8 (CTAF) 0
---------------------------	---------------------------------------	---------------------------------



ELEV 1255	TDZE 1247
-----------	-----------



3500

↑

PAYSA

✦

4 NM

Holding Pattern

IFIMY

130° → 6000

← 310° 3500

GP 3.00°

TCH 40

LIDNY

3100

2.1 NM to RW31

↓

310°

↘

3100

2.1 NM

←

3.7 NM

←

6.5 NM

←

RW31

↙

2.1 NM

←

CATEGORY		A	B	C	D
LPV DA		1497-1	250 (300-1)	NA	
LNAV/VNAV DA		1497-1	250 (300-1)	NA	
LNAV MDA		1940-1	693 (700-1)	NA	
CIRCLING		1940-1	685 (700-1)	NA	

SAN SABA, TEXAS
Orig 30NOV23

31°14'N-98°43'W

SAN SABA COUNTY MUNI (81R)
RNAV (GPS) RWY 31

SC-3, 03 SEP 2026 to 29 OCT 2026

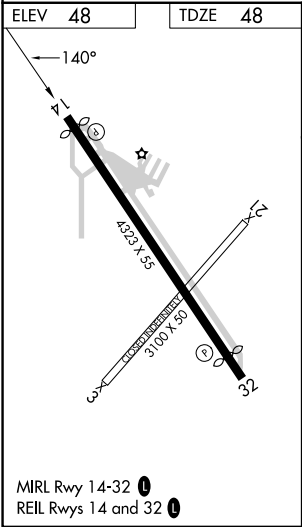
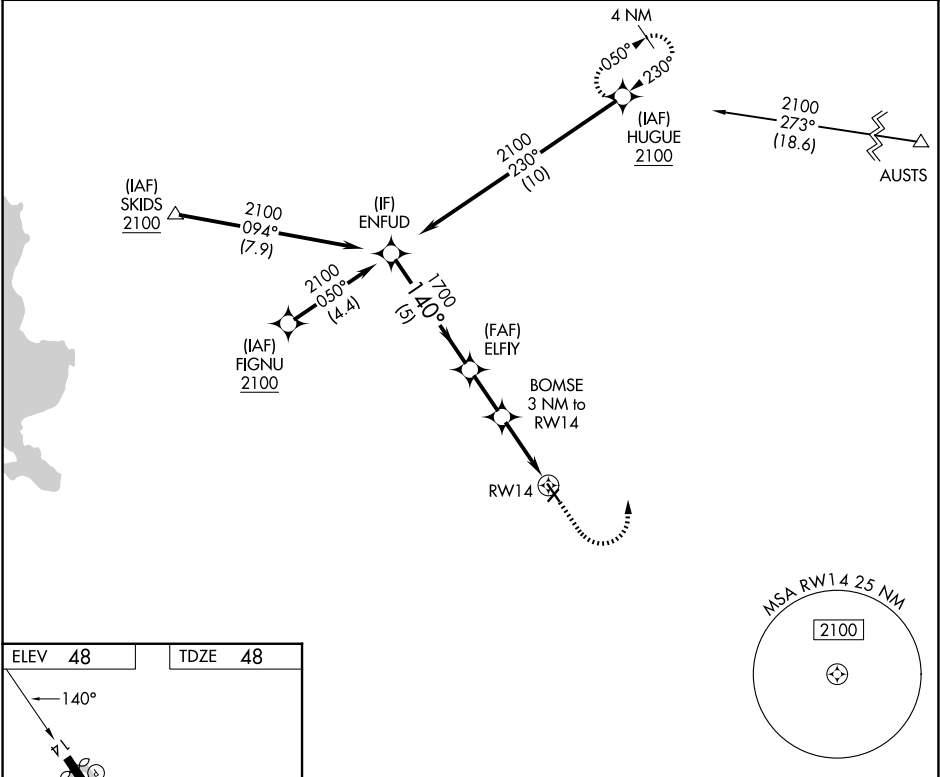
APP CRS	Rwy Ldg	4073
140°	TDZE	48
	Apt Elev	48

RNAV (GPS) RWY 14

SINTON (T69)

RNP APCH - GPS.	MISSED APPROACH: Climb to 500 then climbing left turn to 2100 direct HUGUE and hold.
▼ ⚠ Rwy 14 helicopter visibility reduction below 1 SM NA. Procedure NA at night.	

AWOS-3 118.25	CORPUS APP CON 120.9 348.725	UNICOM 122.8 (CTAF) 0
------------------	---------------------------------	--------------------------



VGSi and descent angles not coincident (VGSi Angle 3.00/TCH 19).				500	2100	HUGUE
ENFUD				↑	↪	✧
2100				1700	1040	
140°				3.04°		
5 NM				2.1 NM	3 NM	
CATEGORY	A	B	C	D		
LNAV MDA	420-1	372 (400-1)	NA			
CIRCLING	620-1	720-1	NA			
	572 (600-1)	672 (700-1)				

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

SINTON, TEXAS

AL-5274 (FAA)

25219

VORTAC CRP 115.5 Chan 102	APP CRS 138°	Rwy Ldg 4073 TDZE 48 Apt Elev 48
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VOR RWY 14
SINTON (T69)

DME required.

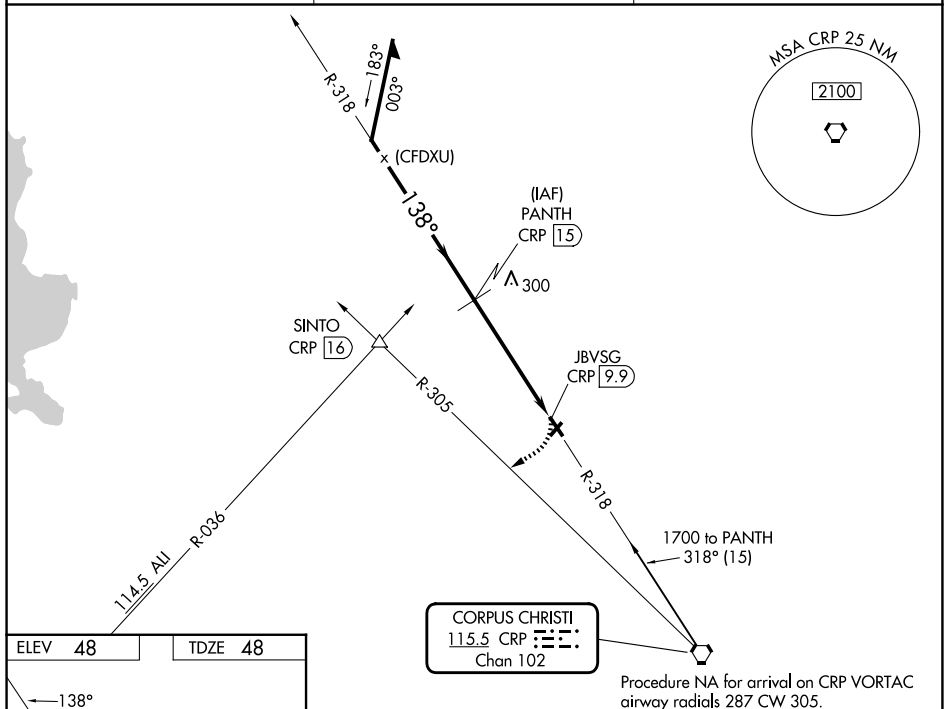
MISSED APPROACH: Climbing right turn to 1800 on heading 230° and CRP VORTAC R-305 to SINTO INT/CRP 16 DME.

T Procedure NA at night.

A Rwy 14 helicopter visibility reduction below 1 SM NA.

AWOS-3
118.25

CORPUS APP CON
120.9 348.725

UNICOM
122.8 (CTAF) **L**

Procedure NA for arrival on CRP VORTAC
airway radials 287 CW 305.

VGSI and descent angles not coincident
(VGSI Angle 3.00°/TCH 19).

1800
hdg
230°

CRP
R-305

SINTO
△

Remain within 10 NM

700

138°

PANTH CRP 15

318°

 3.00°

TCIT 40

CATEGORY	A	B	C	D
S-14	640-1	592 (600-1)		NA
CIRCLING	640-1 592 (600-1)	720-1 672 (700-1)		NA

SINTON, TEXAS
Amdt 1C 31DEC20

28°02' N-97°33' W

447

SINTON (T69)
VOR RWY 14

SC-3, 03 SEP 2026 to 29 OCT 2026

SMITHVILLE, TEXAS

AL-9361 (FAA)

23166

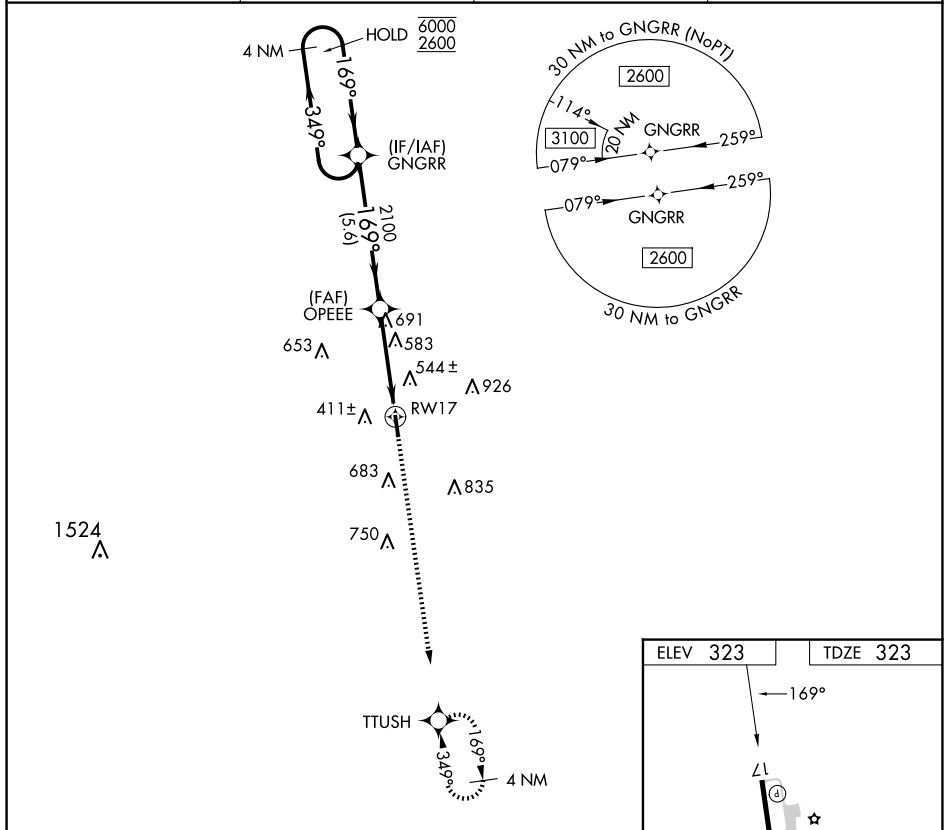
APP CRS	Rwy Idg	4000
169°	TDZE	323
	Apt Elev	323

RNAV (GPS) RWY 17

SMITHVILLE CRAWFORD MUNI (84R)

RNP APCH - GPS.	MISSED APPROACH: Climb to 2600 direct TTUSH and hold.
▼ NA Rwy 17 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 17 NA at night, Circling Rwy 17 NA at night.	

GYB AWOS-3 119.225	AUSTIN APP CON 120.875 270.25	CTAF 122.9	123.30
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4 NM Holding Pattern	GNGRR	OPEEE	2600	TTUSH
6000 2600	← 349° 169° →	169°	4.20° TCH 40	RW17
5.6 NM		3.9 NM		
CATEGORY	A	B	C	D
RNAV MDA	900-1 577 (600-1)		NA	
CIRCLING	960-1 637 (700-1)		NA	
MIRL Rwy 17-35 0				

SMITHVILLE, TEXAS

Orig 15JUN23

30°02'N-97°10'W

SMITHVILLE CRAWFORD MUNI (84R)

RNAV (GPS) RWY 17

SC-3, 03 SEP 2026 to 29 OCT 2026

SONORA, TEXAS

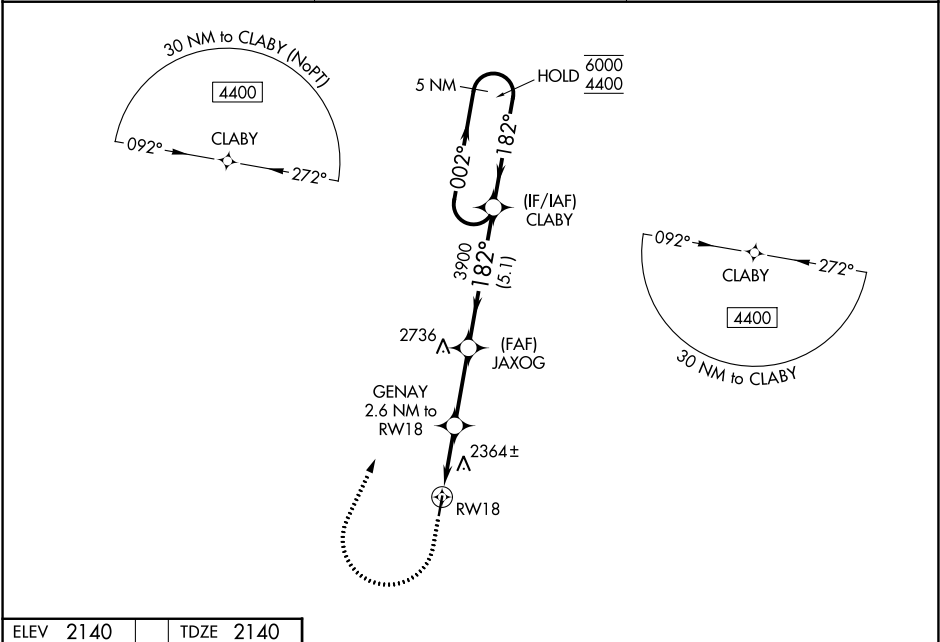
AL-6360 (FAA)

26190

WAAS CH 72645 W18A	APP CRS 182°	Rwy Ldg TDZE 2140 Apt Elev 2140
--	------------------------	---

RNAV (GPS) RWY 18
SONORA MUNI (SOA)

RNP APCH-GPS.		MISSED APPROACH: Climb to 2700 then climbing right turn to 4400 direct CLABY and hold.
▼ ▲ Circling Rwy 36 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C.		
AWOS-3 118.075	HOUSTON CENTER 125.75 346.4	UNICOM 122.8 (CTAF) ①



ELEV 2140

TDZE 2140

MIRL Rwy 18-36

REIL Rwy 18 and 36

2700

4400

CLABY

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).

5 NM Holding Pattern

JAXOG

GENAY 2.6 NM to RW18

RW18

1.6 NM to RW18

1 NM

2.8 NM

5.1 NM

3900

3900

3000

CLABY

002°

182°

182°

6000

4400

GP 3.00° TCH 40

CATEGORY	A	B	C	D
LPV DA	2425-1	285 (300-1)		NA
LNAV/VNAV DA	2691-1 ⁵ / ₈	551 (600-1 ⁵ / ₈)		NA
LNAV MDA	2680-1	540 (600-1)		NA
CIRCLING	3040-1 ¹ / ₄ 900 (900-1 ¹ / ₄)	3080-1 ¹ / ₄ 940 (1000-1 ¹ / ₄)		NA

SONORA, TEXAS
Orig 05OCT23

30°35'N-100°39'W

SONORA MUNI (SOA)
RNAV (GPS) RWY 18

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 90535 W17A	APP CRS 174°	Rwy Ldg 4000 TDZE 600 Apt Elev 600
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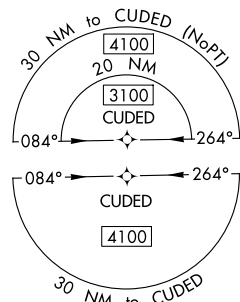
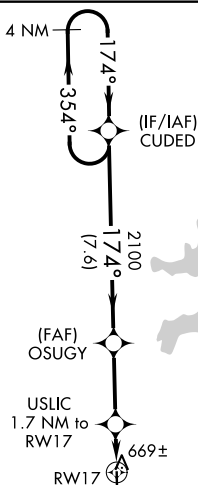
RNAV (GPS) RWY 17
TAYLOR MUNI (T74)

RNP APCH.

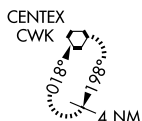
T For uncompensated Baro-VNAV systems, INAV/VNAV NA below -16C or above 54C. When local altimeter setting not received, use Austin Exec altimeter setting and increase all DA to 914 feet and all MDA 40 feet. VDP and Baro-VNAV NA when using Austin Exec altimeter setting.

MISSED APPROACH: Climb to 1100 then climbing right turn to 3100 direct CWK VORTAC and hold.

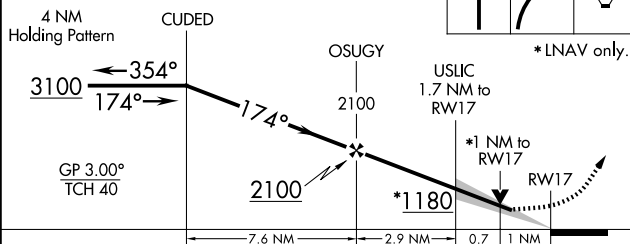
AWOS-3PT 119.75	AUSTIN APP CON 127.225 317.65	UNICOM 122.8 (CTAF) 0
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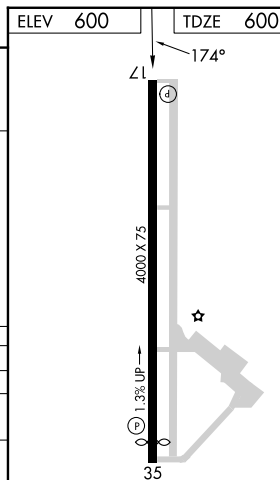
MISSED APCH FIX



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 40).



CATEGORY		A	B	C	D
LPV	DA	882-7/8	282 (300-7/8)		NA
LNAV/ VNAV	DA	882-7/8	282 (300-7/8)		NA
LNAV	MDA	960-1	360 (400-1)		NA
CIRCLING		1100-1	500 (500-1)		NA

MIRL Rwy 17-35 **L**

TAYLOR, TEXAS

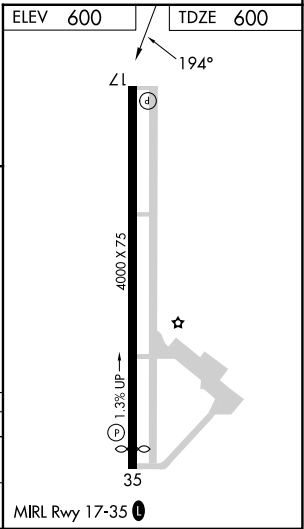
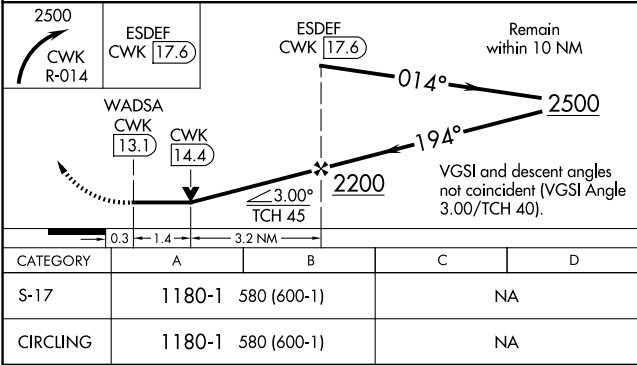
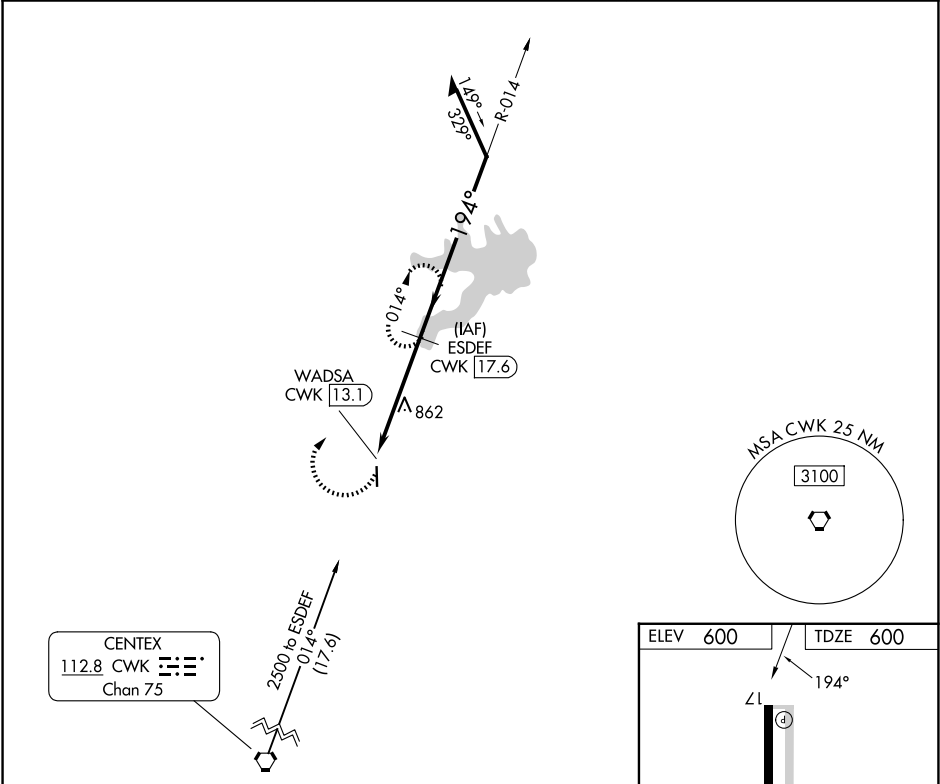
AL-6938 (FAA)

26022

VORTAC CWK	APP CRS	Rwy Ldg
112.8	194°	4000
Chan 75		TDZE 600
		Apt Elev 600

VOR RWY 17
TAYLOR MUNI (T74)

DME required. Circling Rwy 35 NA at night. Rwy 17 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Austin Exec altimeter setting and increase all MDA 40 feet. VDP NA when using Austin Exec altimeter setting.		MISSED APPROACH: Climbing right turn to 2500 on CWK VORTAC R-014 to ESDEF/17.6 DME and hold.
AWOS-3PT 119.75	AUSTIN APP CON 127.225 317.65	UNICOM 122.8 (CTAF) 0



TAYLOR, TEXAS
Amdt 1E 08OCT20

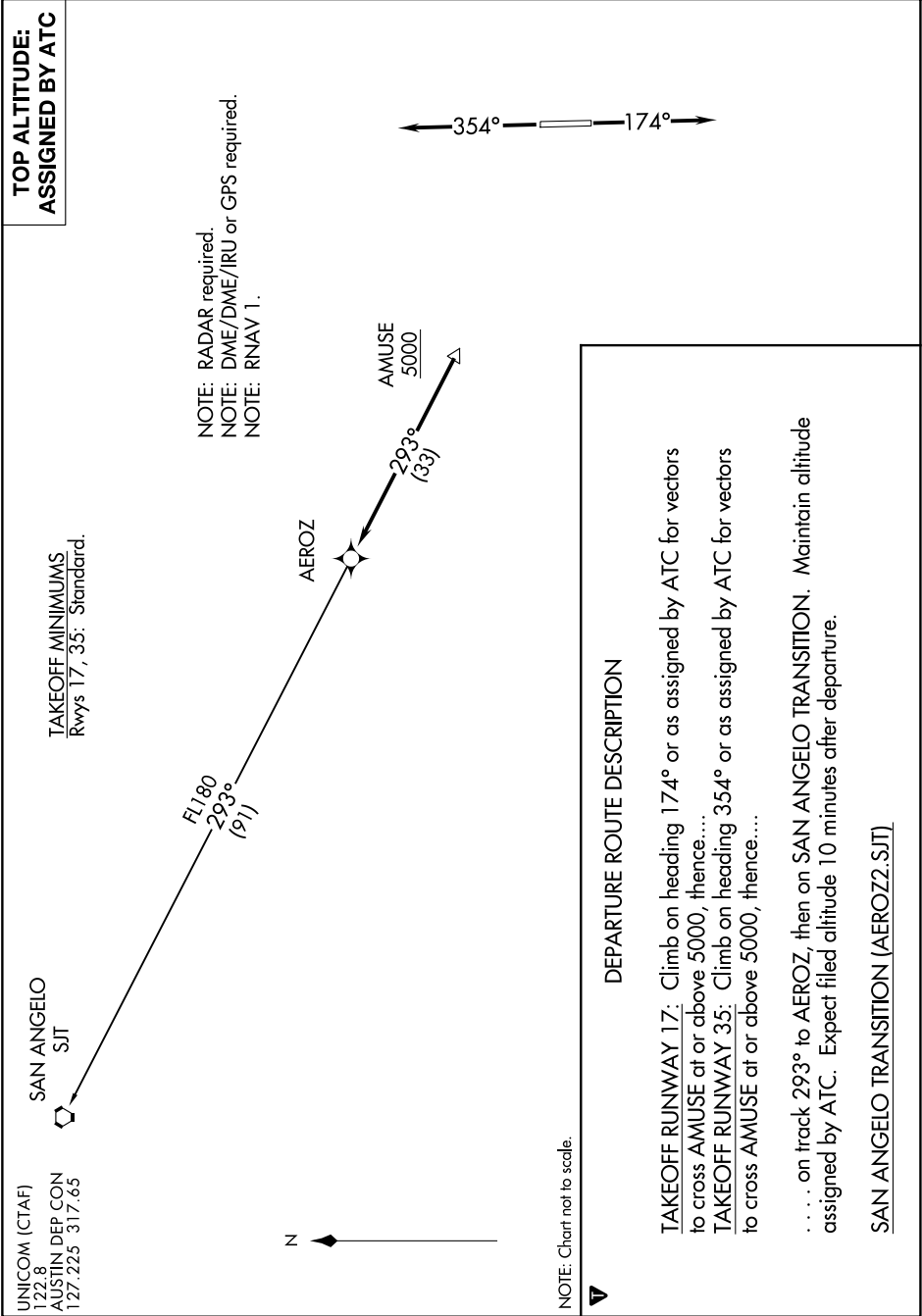
30°34' N-97°27' W

TAYLOR MUNI (T74)
VOR RWY 17

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



SC-3, 03 SEP 2026 to 29 OCT 2026

UNICOM (CTAF)
122.8
AUSTIN DEP CON
127.225 317.65

TOP ALTITUDE:
ASSIGNED BY ATC

TAKEOFF MINIMUMS:
Rwys 17, 35: Standard.

GARDS
5000



224°
(36)



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

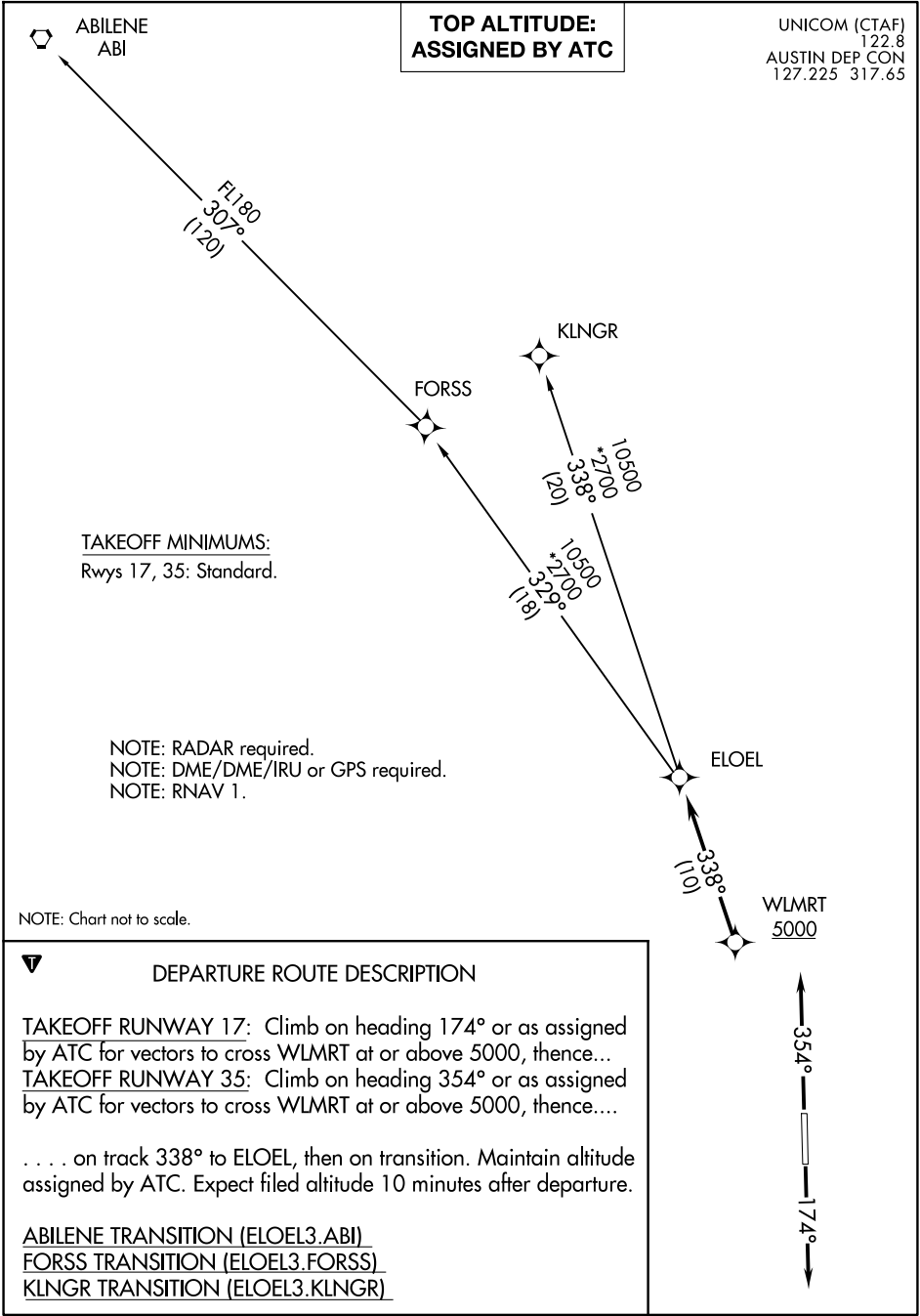
NOTE: Chart not to scale.

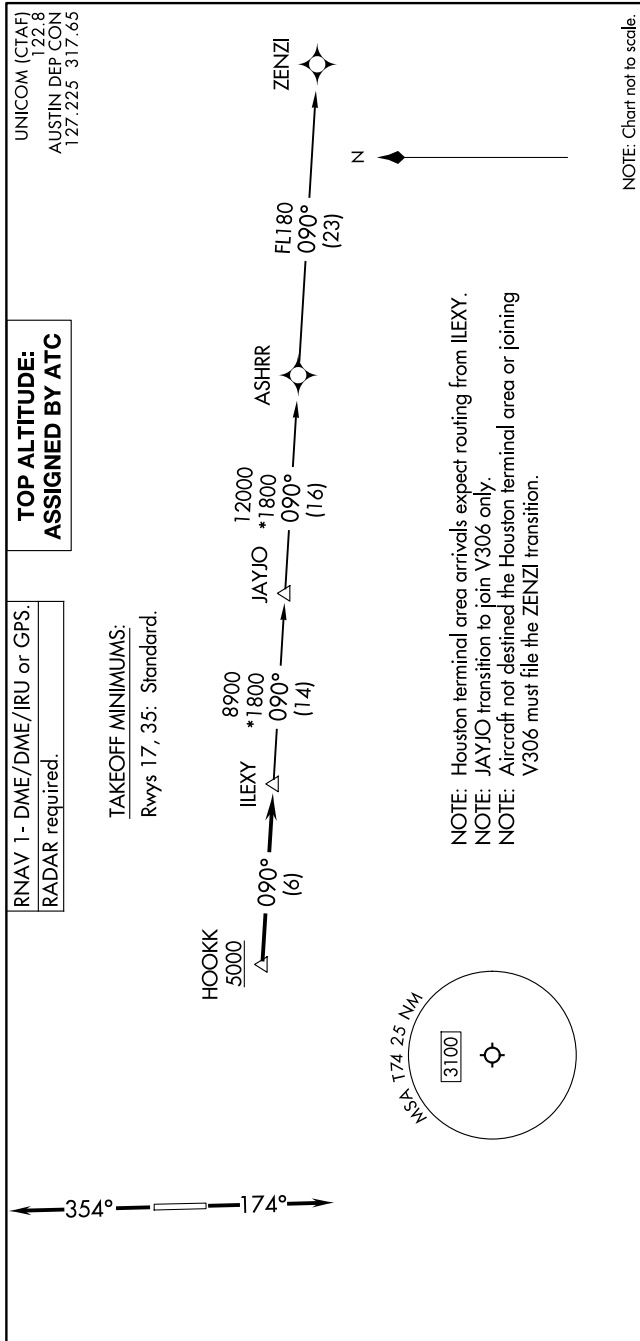


DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 174° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence....
TAKEOFF RUNWAY 35: Climb on heading 354° or as assigned by ATC for vectors to cross GARDS at or above 5000, thence....

. . . . on track 224° to BNDIA. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.



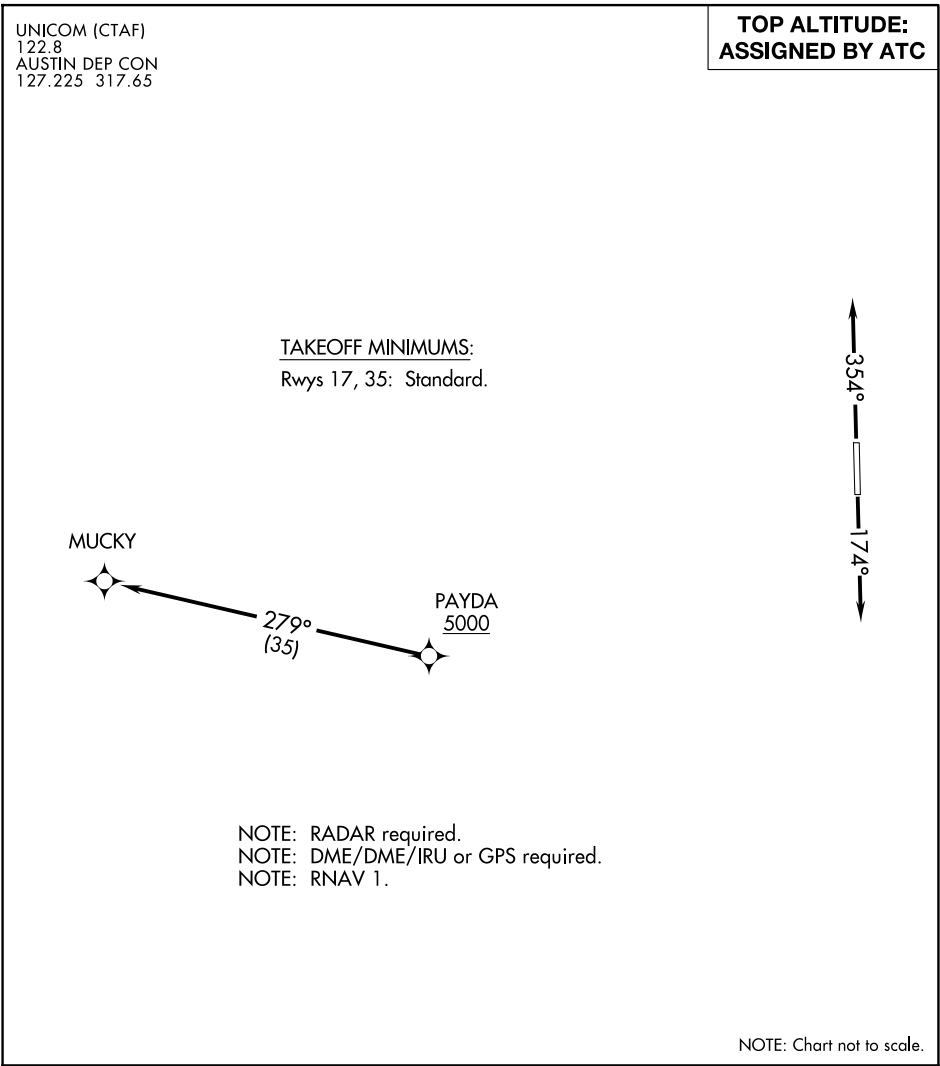


NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 174° or as assigned by ATC for vectors to cross HOOKK at or above 5000, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 354° or as assigned by ATC for vectors to cross HOOKK at or above 5000, thence. . . .
... on track 090° to ILEXY, then on transition. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

JAYJO TRANSITION (ILEXY4.JAYJO)
ZENZI TRANSITION (ILEXY4.ZENZI)



▼

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 174° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .

TAKEOFF RUNWAY 35: Climb on heading 354° or as assigned by ATC for vectors to cross PAYDA at or above 5000, thence. . . .

. . . . on track 279° to MUCKY. Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

(SAYBR3.SAYBR) 21112

SAYBR THREE DEPARTURE (RNAV)

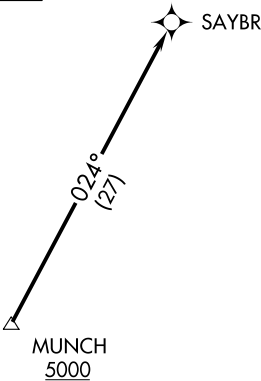
AL-6938 (FAA)

TAYLOR MUNI (T74)

TAYLOR, TEXAS

UNICOM (CTAF)
122.8
AUSTIN DEP CON
127.225 317.65

TOP ALTITUDE:
ASSIGNED BY ATC



- NOTE: RADAR required.
- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: For DFW terminal area arrivals at FL230 or below only.

TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 174° or as assigned by ATC for vectors to cross MUNCH at or above 5000, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 354° or as assigned by ATC for vectors to cross MUNCH at or above 5000, thence. . . .

. . . .on track 024° to SAYBR. Maintain altitude assigned by ATC.
Expect filed altitude 10 minutes after departure.

SAYBR THREE DEPARTURE (RNAV)

(SAYBR3.SAYBR) 22APR21

TAYLOR, TEXAS

TAYLOR MUNI (T74)

ILS or LOC RWY 16
DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

MALSR

MISSED APPROACH: Climb to 1100 then continue climb to 3600 on heading 160° and on ACT VORTAC R-181 to CONRA INT/ACT 40.2 DME and hold, continue climb-in-hold to 3600.

ELEV 682 D TDZE 682

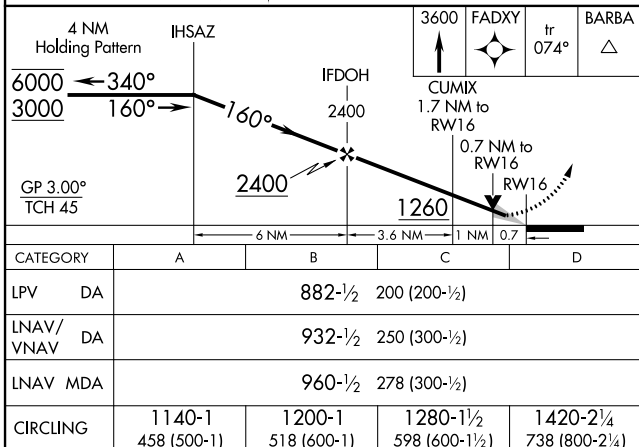
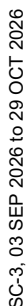
MIRA Rwy 3-21
MIRA Rwy 16-34

FAF to MAP 3 NM

Knots	60	90	120	150	180
Min:Sec	3:00	2:00	1:30	1:12	1:00

RNAV (GPS) RWY 16
DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

MISSED APPROACH: Climb to 3600 direct FADXY and on track 074° to BARBA and hold, continue climb-in-hold to 3600.

UNICOM
123.0 (CTAF) **L**

DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

31°09'N-97°24'W

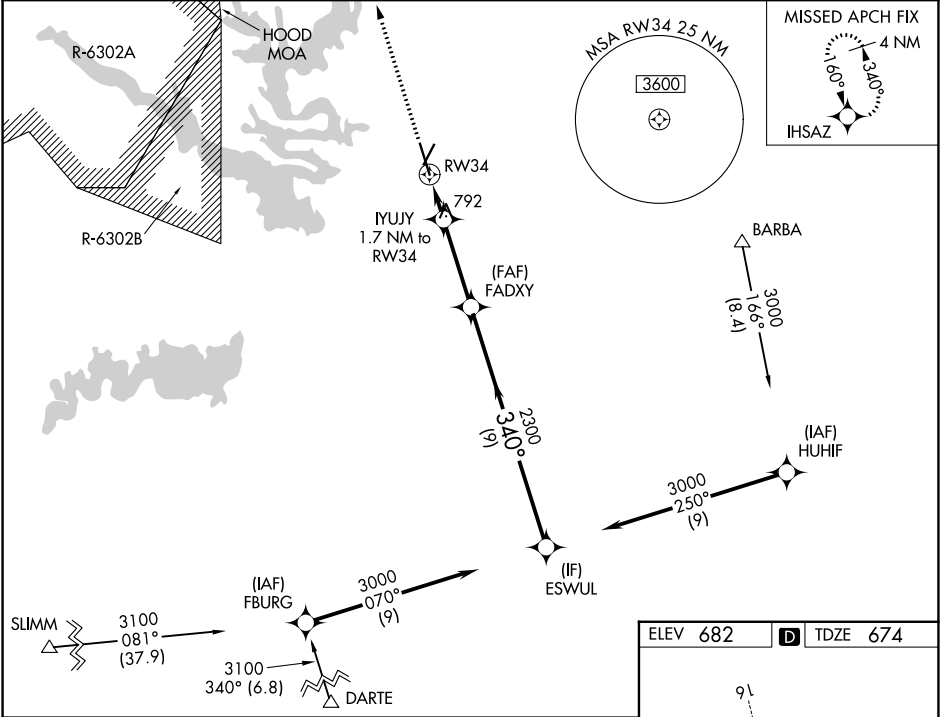
RNAV (GPS) RWY 16

WAAS CH 82401 W34A	APP CRS 340°	Rwy Ldg TDZE Apt Elev	7000 674 682
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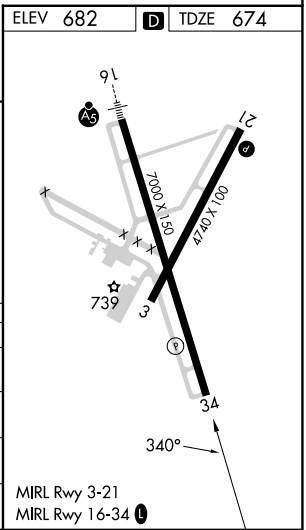
RNAV (GPS) RWY 34
DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

RNP APCH.	MISSED APPROACH: Climb to 3000 direct ILSAZ and hold.
▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C .	

AWOS-3PT 134.975	GRAY APP CON 120.075 370.0	CLNC DEL 125.9	UNICOM 123.0 (CTAF) 0
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3000 ILSAZ	VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 34).			
	IYUJY 1.7 NM to RW34	FADXY 2300	ESWUL 3000	GP 3.00° TCH 50
	1.1 NM to RW34			
	1.1 NM	0.6	3.3 NM	9 NM
CATEGORY	A	B	C	D
LPV DA	874-¾ 200 (200-¾)			
LNAV/VNAV DA	924-¾ 250 (300-¾)			
LNAV MDA	1060-1	386 (400-1)	1060-1⅛	386 (400-1⅛)
CIRCLING	1140-1 458 (500-1)	1200-1 518 (600-1)	1280-1½ 598 (600-1½)	1420-2¼ 738 (800-2¼)



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

APP CRS 328°	Rwy Ldg TDZE Apt Elev	5256 933 942
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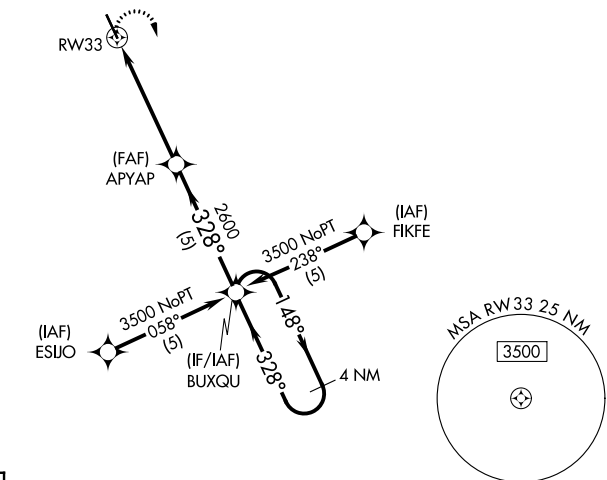
RNAV (GPS) RWY 33

GARNER FLD (UVA)

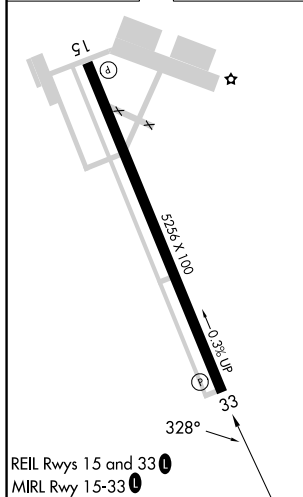
⚠ When local altimeter setting not received, use Hondo Rgnl altimeter setting and increase all MDA 100 feet; increase LNAV Cat C/D and Circling Cat C/D visibility ¼ SM. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climbing right turn to 3500 direct BUXQU WP and hold.
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AWOS-3PT 124.175	HOUSTON CENTER 134.95 269.4	UNICOM 122.8 (CTAF) 0
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RADAR REQUIRED



ELEV 942	TDZE 933
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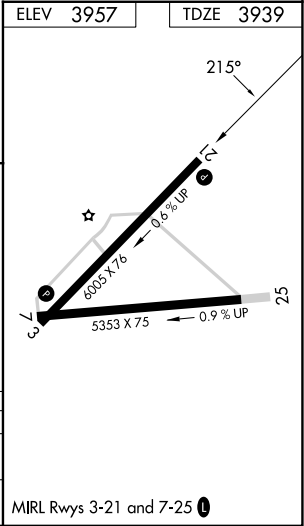
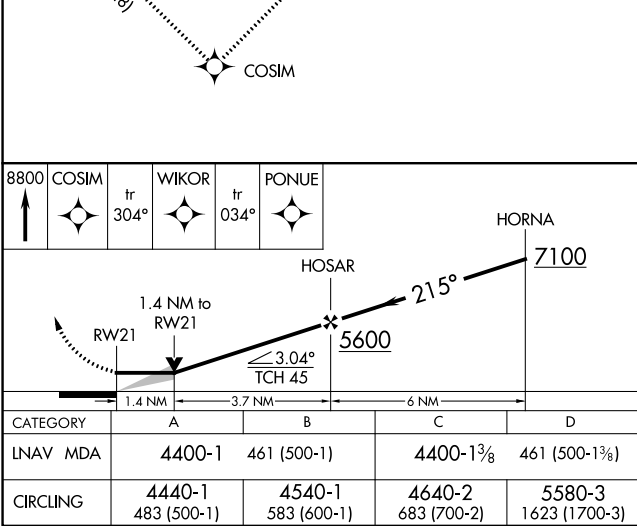
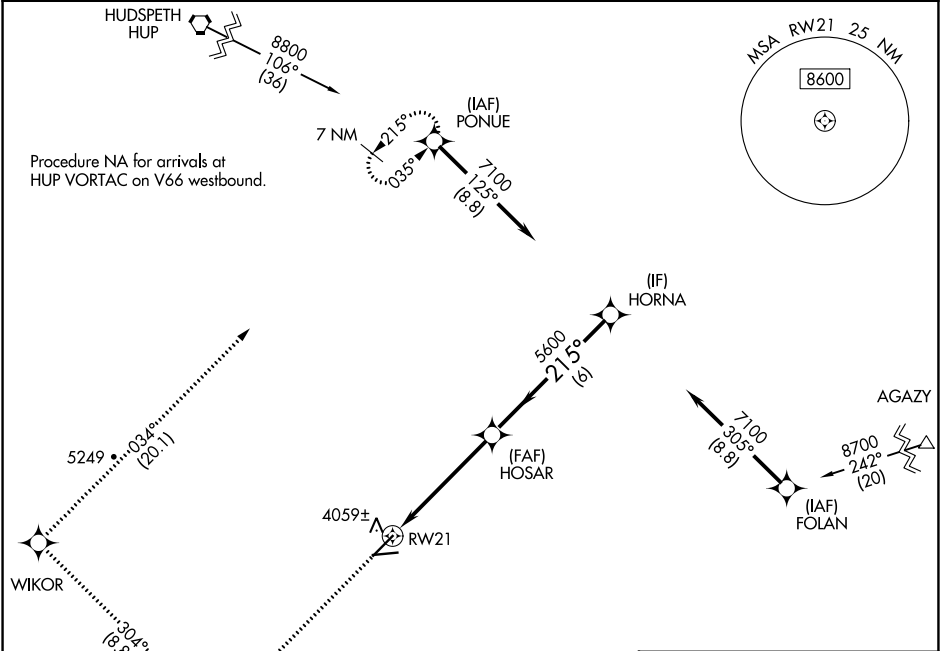
3500 	BUXQU 	VGSI and descent angle not coincident (VGSI Angle 3.00/TCH 35).	4 NM Holding Pattern

APP CRS	Rwy Ldg	6005
215°	TDZE	3939
	Apt Elev	3957

RNAV (GPS) RWY 21
CULBERSON COUNTY (VHN)

RNP APCH.	MISSED APPROACH: Climb to 8800 direct COSIM and on track 304° to WIKOR and on track 034° to PONUE and hold.
▼ ▲	Circling to Rwy 7, 25 NA at night. Circling NA south of Rwy 25 and southeast of Rwy 3.

AWOS-3PT 119.925	ALBUQUERQUE CENTER 135.875 292.15	CTAF 122.9 0
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SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

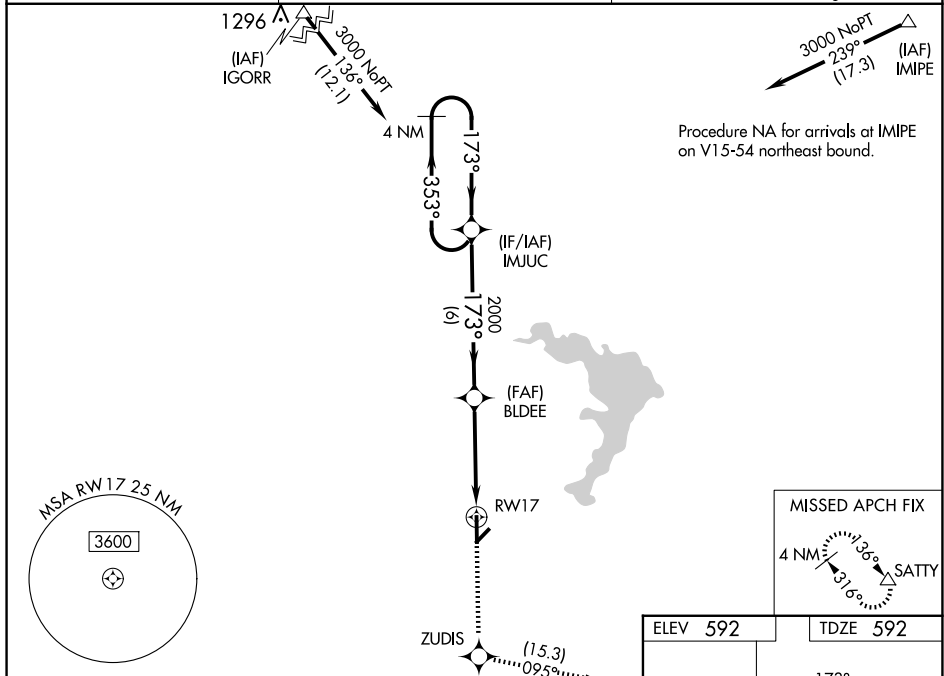
RNAV (GPS) RWY 17

MC GREGOR EXEC (PWG)

T Baro-VNAV NA when using Waco Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. When local altimeter setting not received, use Waco Rgnl altimeter setting and increase LPV DA to 873 feet and all visibilities ½ SM; increase LNAV/VNAV DA to 873 feet and all visibilities ½ SM; increase all MDAs 40 feet and Circling/visibility Cat C ¼ SM.

MISSED APPROACH:
Climb to 2500 direct
ZUDIS and on track
095° to SATTY and hold.

AWOS-3PT 135.525	WACO APP CON★ 127.65 352.0	UNICOM 123.05 (CTAF) ①
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4 NM Holding Pattern

IMJUC

2500

ZUDIS

tr 095°

SATY

3000

← 353°

→ 173°

173°

2000

1.3 NM to RW17

RW17

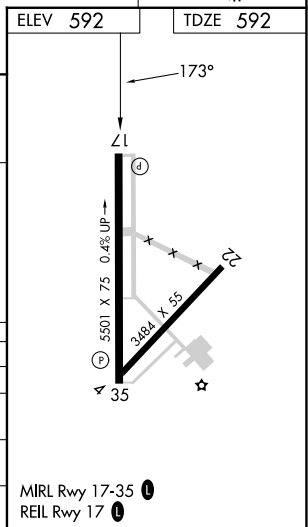
GP 3.00°

TCH 37

6 NM

3 NM

1.3 NM



CATEGORY	A	B	C	D
LPV DA	842- ³ / ₄	250 (300- ³ / ₄)		NA
LNAV/ VNAV DA	842- ³ / ₄	250 (300- ³ / ₄)		NA
LNAV MDA	1040-1	448 (500-1)	1040-1 ³ / ₈ 448 (500-1 ³ / ₈)	NA
CIRCLING	1040-1 448 (500-1)	1060-1 468 (500-1)	1300-2 708 (800-2)	NA

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 87130 W35A	APP CRS 353°	Rwy Ldg TDZE 580 Apt Elev 592
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RNAV (GPS) RWY 35

MC GREGOR EXEC (PWG)

RNP APCH - GPS.

▼

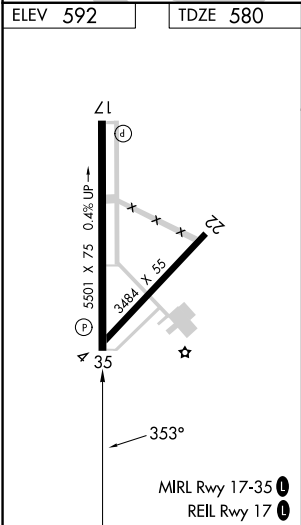
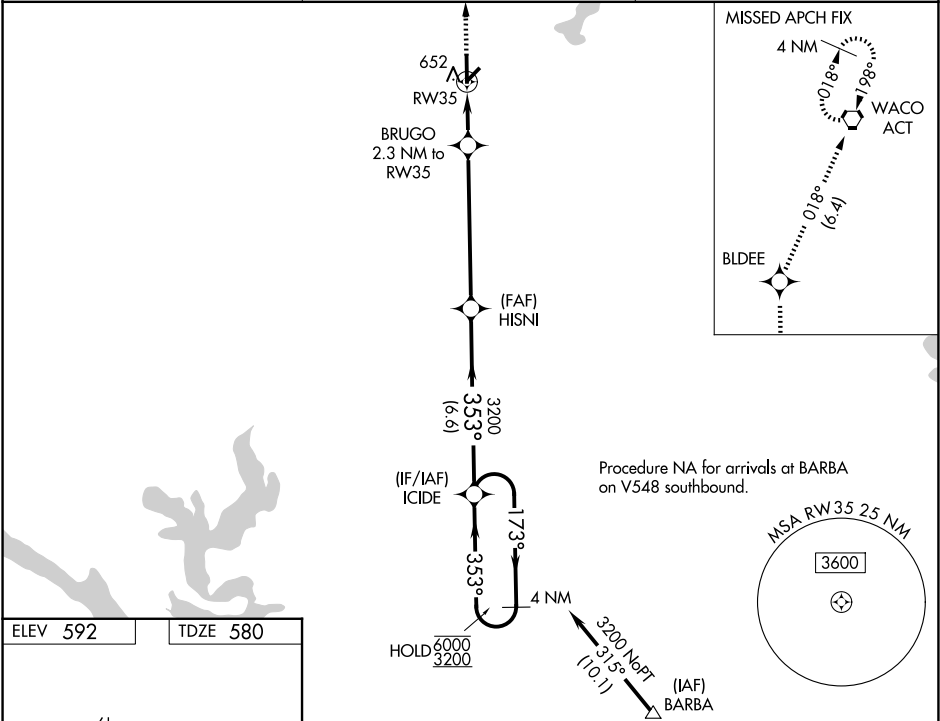
▲

ASR

Rwy 35 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -7°C or above 54°C. Baro-VNAV and VDP NA when using ACT altimeter setting. Circling Rwy 4/22 NA at night. When local altimeter setting not received, use ATC altimeter setting and increase all DA to 861 feet and all visibilities ½ SM; increase all MDAs 40 feet and LNAV visibility Cat C ½ SM, and Circling visibility Cat C ¼ SM.

MISSED APPROACH:
Climb to 2500 direct BLDEE and on track 018° to ACT VORTAC and hold.

AWOS-3PT 135.525	WACO APP CON★ 127.65 352.0	UNICOM 123.05 (CTAF) ①
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2500	BLDEE	tr 018°	ACT	HISNI	ICIDE	4 NM Holding Pattern
				3200		
				BRUGO 2.3 NM to RW35		
				1.1 NM to RW35		
				1340		
				3200		
				353°		
				173°		
				6000		
				3200		
				GP 3.00°		
				TCH 46		
				1.1 NM	1.2 NM	5.8 NM
				6.6 NM		
CATEGORY	A	B	C	D		
LPV DA	830-¾	250 (300-¾)		NA		
LNAV/VNAV DA	830-¾	250 (300-¾)		NA		
LNAV MDA	960-1	380 (400-1)		NA		
CIRCLING	1020-1 428 (500-1)	1060-1 468 (500-1)	1300-2 708 (800-2)	NA		

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WACO, TEXAS

AL-5441 (FAA)

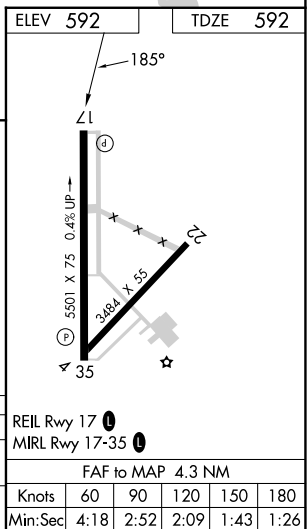
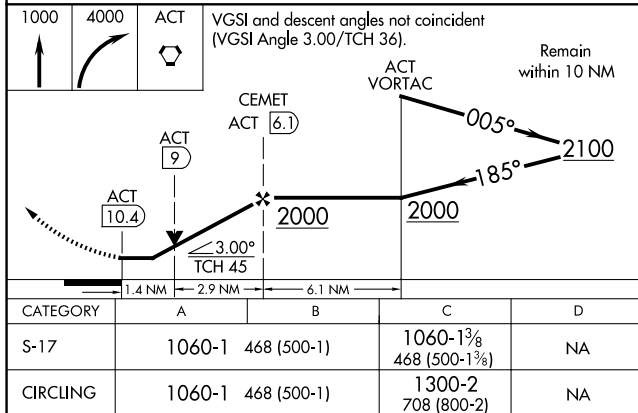
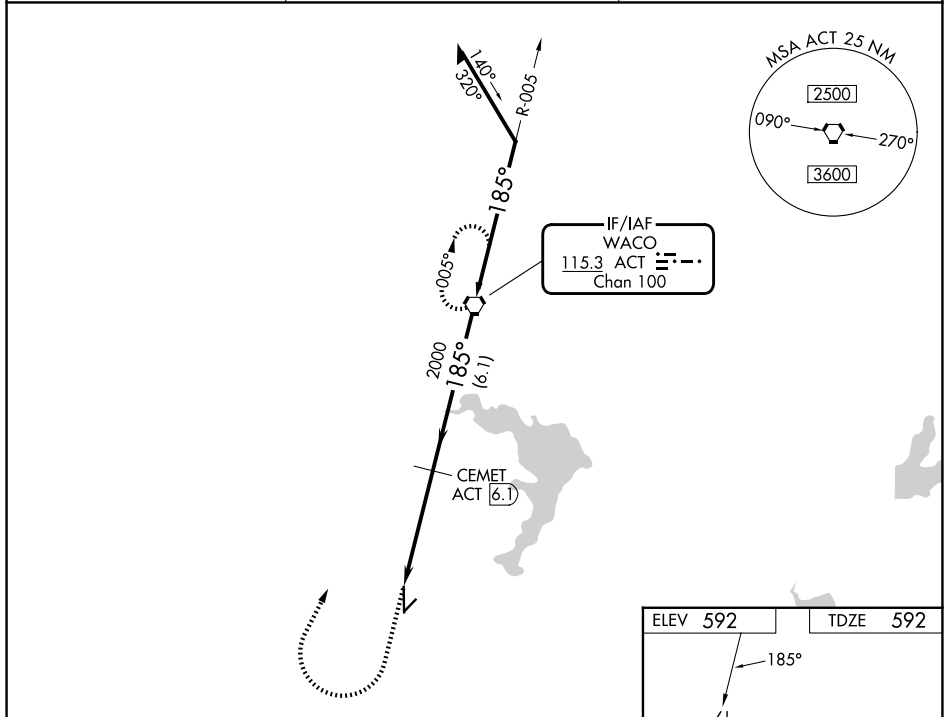
26134

VORTAC ACT	APP CRS	Rwy Ldg	5501
115.3	185°	TDZE	592
Chan 100		Apt Elev	592

VOR RWY 17
MC GREGOR EXEC (PWG)

DME required.	MISSED APPROACH: Climb to 1000 then climbing right turn to 4000 direct ACT VORTAC and hold, continue climb-in-hold to 4000.
▼ ▲ ASR Circling Rwy 4/22 NA at night. VDP NA when using ACT altimeter setting. When local altimeter setting not recieved, use ACT altimeter setting and increase all MDAs 40 feet and Circling visibility Cat C ¼ SM.	

AWOS-3PT 135.525	WACO APP CON★ 127.65 352.0	UNICOM 123.05 (CTAF) 0
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WACO, TEXAS
Amdt 12 14MAY26

31°29'N-97°19'W

MC GREGOR EXEC (PWG)
VOR RWY 17

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

LOC I-CNW	APP CRS	Rwy Ldg	8600
110.7	174°	TDZE	470
		Apt Elev	470

ILS or LOC RWY 17L
TSTC WACO (CNW)

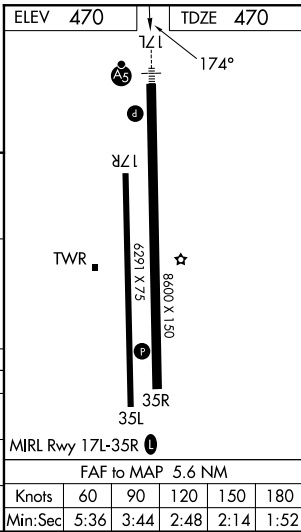
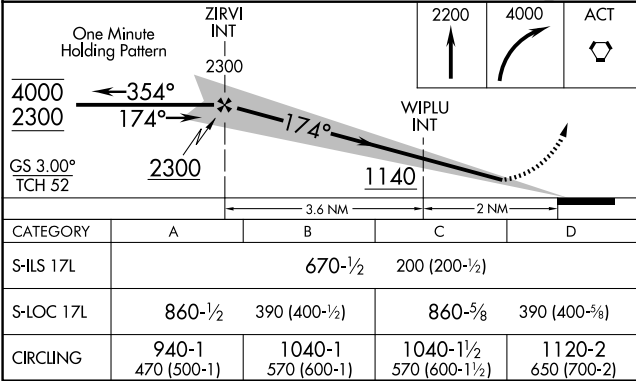
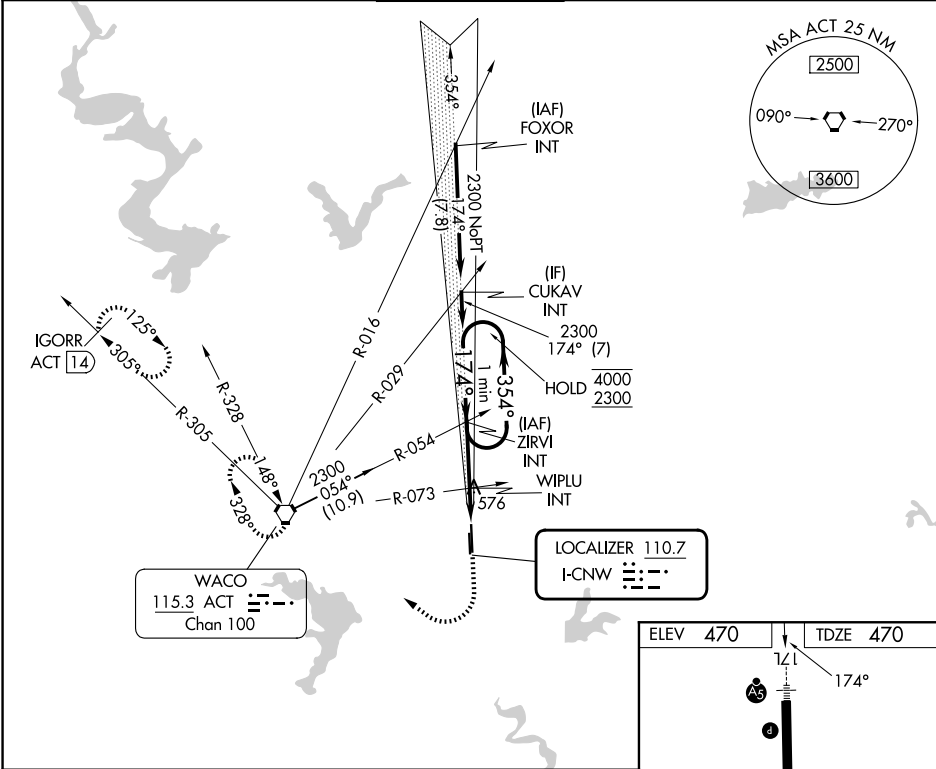
NA

ASR

MALSR

MISSED APPROACH: Climb to 2200 then climbing right turn to 4000 direct ACT VORTAC and hold, continue climb-in-hold to 4000. (TACAN aircraft continue on ACT VORTAC R-305 to IGORR/ACT 14 DME and hold SE, RT, 305° inbound)

AWOS-3PT	WACO APP CON ★	TSTC TOWER ★	GND CON	UNICOM
134.225	127.65 227.125	124.0 (CTAF) 255.7	121.70	122.95



SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WACO, TEXAS

AL-579 (FAA)

25219

WAAS CH 73020 W17A	APP CRS 174°	Rwy Ldg TDZE Apt Elev	8600 470 470
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RNAV (GPS) RWY 17L

TSTC WACO (CNW)

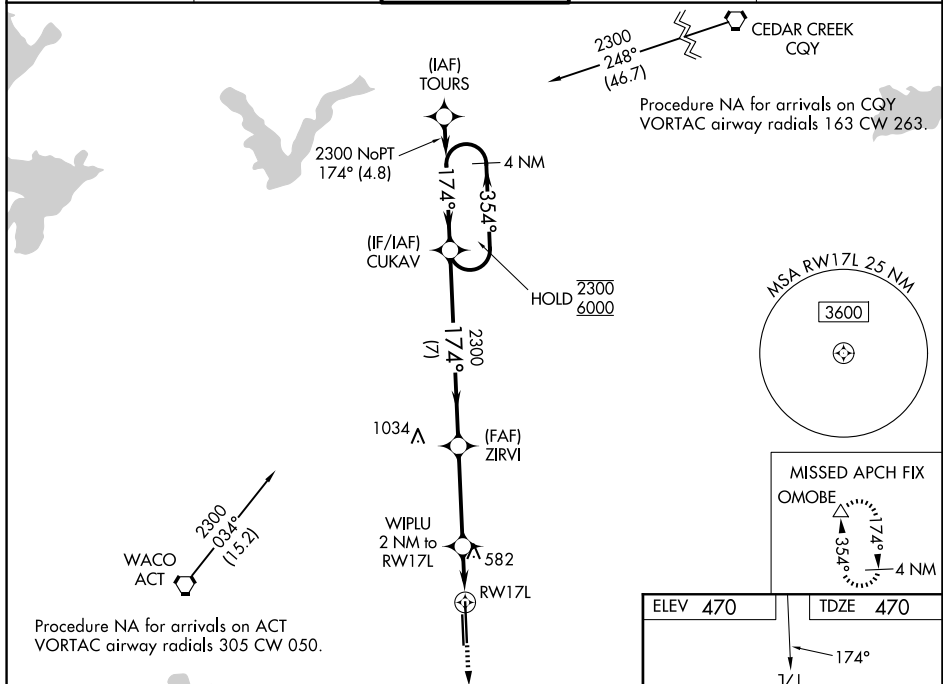
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to ¾ SM and LNAV Cats C/D visibility to 1 SM.

MALSR

MISSED APPROACH: Climb to 2300 direct OMOBE and hold.

AWOS-3PT 134.225	WACO APP CON ★ 127.65 227.125	TSTC TOWER ★ 124.0 (CTAF) 255.7	GND CON 121.7 0	UNICOM 122.95
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4 NM Holding Pattern

CUKAV

ZIRVI

WIPLU

2300

OMOBE

GP 3.00° TCH 52

*1140

*LNAV only.

*1 NM to RW17L

RW17L

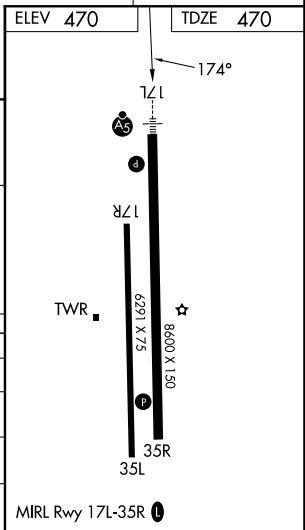
7 NM

3.6 NM

1 NM

1 NM

CATEGORY	A	B	C	D
LPV DA		670-½	200 (200-½)	
LNAV/VNAV DA		720-½	250 (300-½)	
LNAV MDA	840-½	370 (400-½)	840-⅝	370 (400-⅝)
CIRCLING	940-1 470 (500-1)	1040-1 570 (600-1)	1040-1½ 570 (600-1½)	1120-2 650 (700-2)



WACO, TEXAS

Amtd 2 05DEC19

31°38'N-97°04'W

RNAV (GPS) RWY 17L

TSTC WACO (CNW)

SC-3, 03 SEP 2026 to 29 OCT 2026

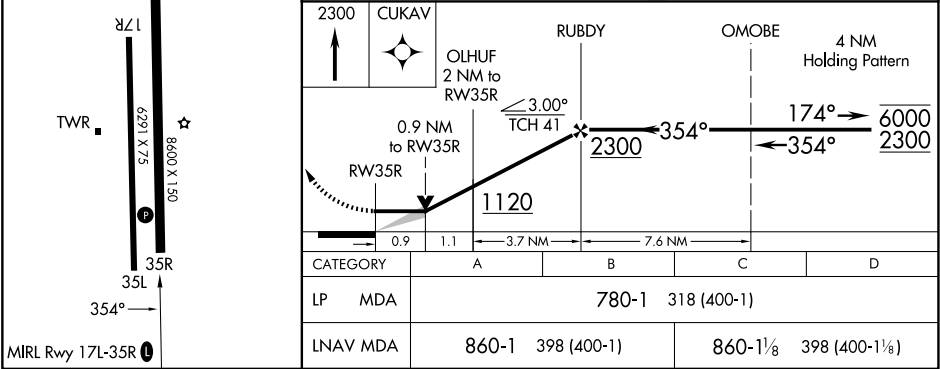
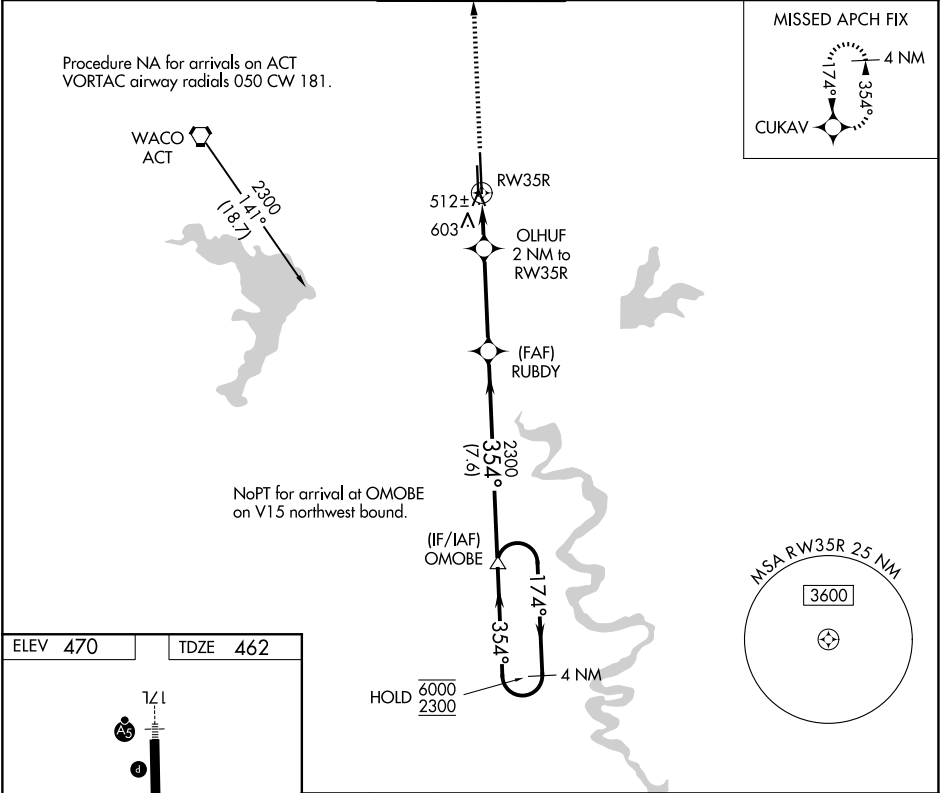
SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 82731 W35A	APP CRS 354°	Rwy Ldg TDZE 462 Apt Elev 470
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RNAV (GPS) RWY 35R

TSTC WACO (CNW)

RNP APCH.		MISSED APPROACH: Climb to 2300 direct CUKAV and hold.	
AWOS-3PT 134.225	WACO APP CON ★ 127.65 227.125	TSTC TOWER ★ 124.0 (CTAF) 255.7	GND CON 121.70
		UNICOM 122.95	



AIRPORT DIAGRAM

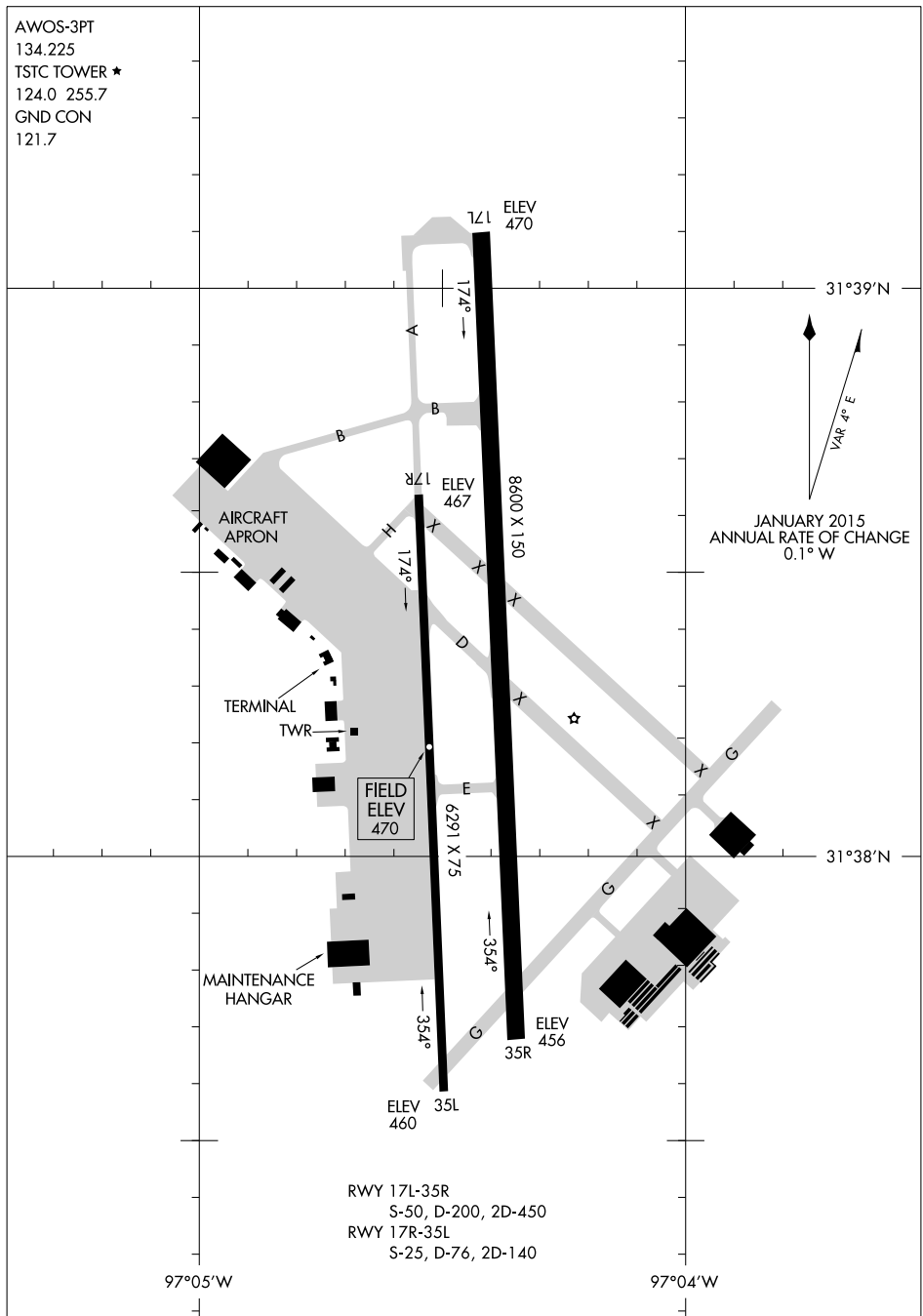
AL-579 (FAA)

TSTC WACO (CNW)
WACO, TEXAS

AWOS-3PT
134.225
TSTC TOWER ★
124.0 255.7
GND CON
121.7

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026



AIRPORT DIAGRAM

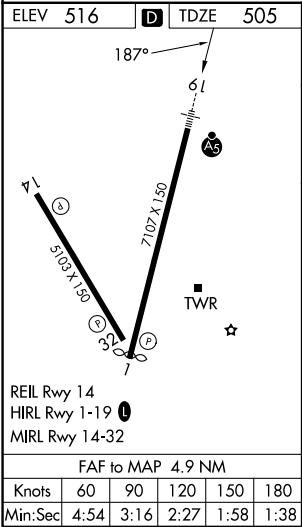
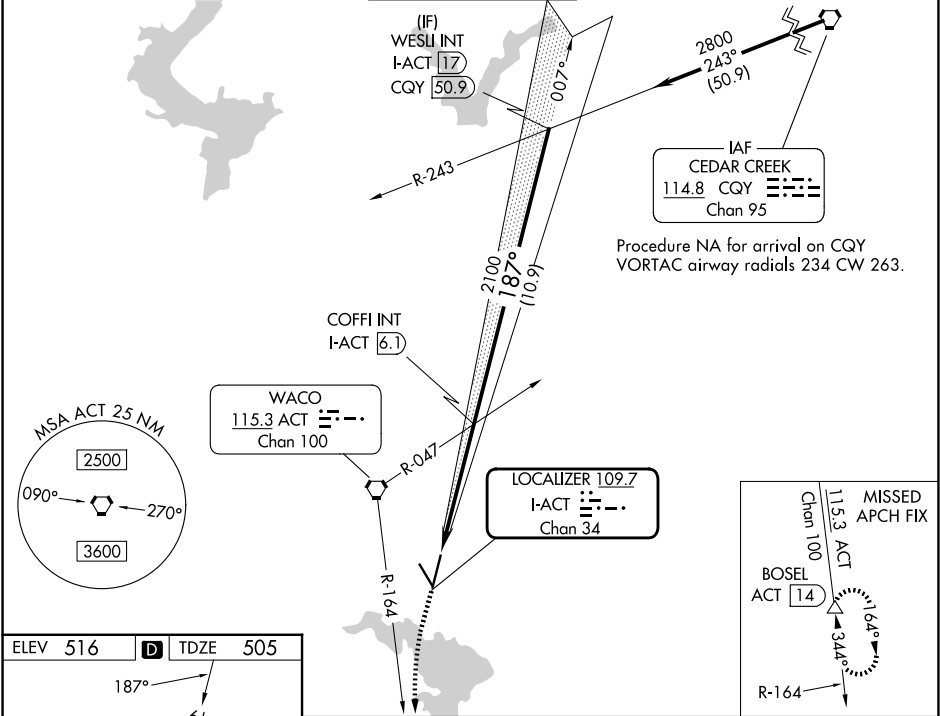
WACO, TEXAS
TSTC WACO (CNW)

LOC/DME I- ACT	APP CRS	Rwy Ldg	6605
109.7	187°	TDZE	505
Chan 34		Apt Elev	516

ILS or LOC RWY 19
WACO RGNL (ACT)

DME required.	MALSR	MISSED APPROACH: Climb to 1500 then climbing left turn to 4000 on ACT VORTAC R-164 to BOSEL 14 DME and hold, continue climb-in-hold to 4000.
ASR		

ATIS 123.85	WACO APP CON ★ 127.65 227.125	WACO TOWER ★ 119.3 (CTAF) 0 257.8	GND CON 121.9	UNICOM 122.95
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	1500	4000	BOSEL		WESLI INT
	↑	ACT R-164	△		I- ACT 17
*LOC only.					
		* I- ACT 2.3	COFFI INT I- ACT 6.1	2100	2800
		I- ACT 1.3		187°	
				2100	
					GS 3.00° TCH 55
CATEGORY	A	B	C	D	
S-ILS 19**	705/24 200 (200-½)				
S-LOC 19	900/24 395 (400-½)		900/35 395 (400-¾)		
CIRCLING	940-1 424 (500-1)	980-1 464 (500-1)	1020-1½ 504 (600-1½)	1160-2 644 (700-2)	

WACO, TEXAS

AL-439 (FAA)

26134

WAAS CH 65919 W01A	APP CRS 007°	Rwy Ldg TDZE 511 Apt Elev 516
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RNAV (GPS) RWY 1

WACO RGNL (ACT)

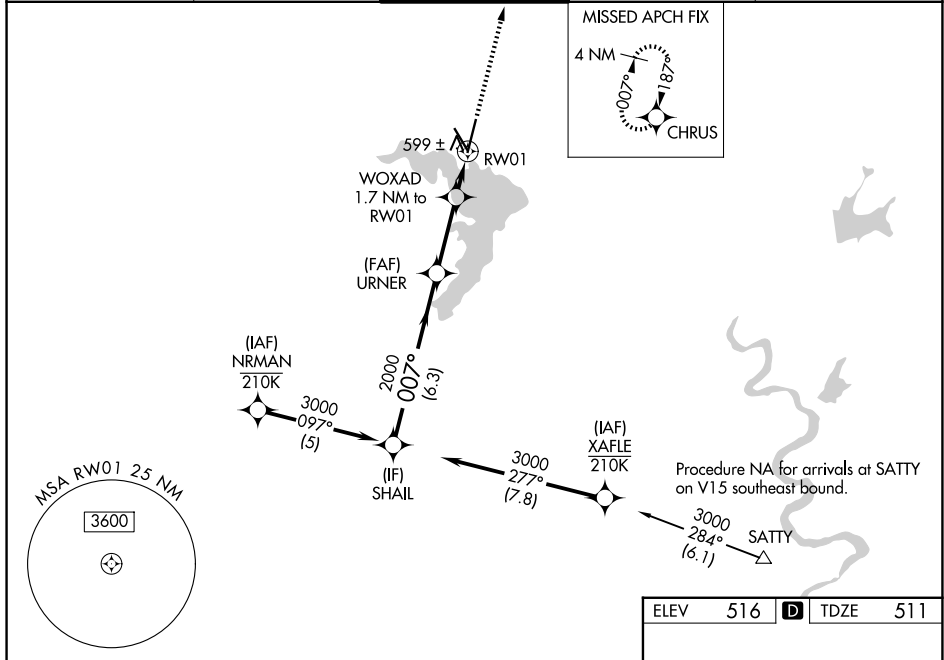
RNP APCH - GPS.

ASR

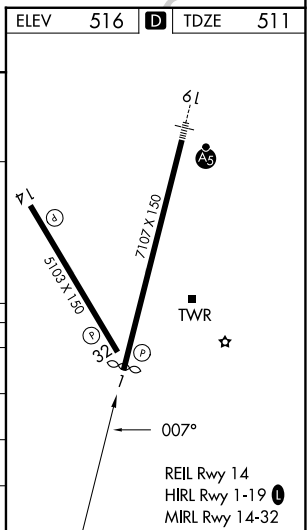
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -8°C or above 54°C. Baro-VNAV and VDP NA when using PWG altimeter setting. Rwy 1 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use PWG altimeter setting and increase LPV DA to 792 feet and all visibilities ½ SM. Increase LNAV/VNAV DA to 813 feet; increase all MDAs 40 feet and LNAV visibility Cat C/D ½ SM, and Circling visibility Cat D ¼ SM.

MISSED APPROACH: Climb to 3000 direct CHRUS and hold.

ATIS 123.85	WACO APP CON ★ 127.65 227.125	WACO TOWER ★ 119.3 (CTAF) 0 257.8	GND CON 121.9	UNICOM 122.95
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WACO, TEXAS

Amtd 2 26DEC24

31°37'N-97°14'W

RNAV (GPS) RWY 1

WACO RGNL (ACT)

SC-3, 03 SEP 2026 to 29 OCT 2026

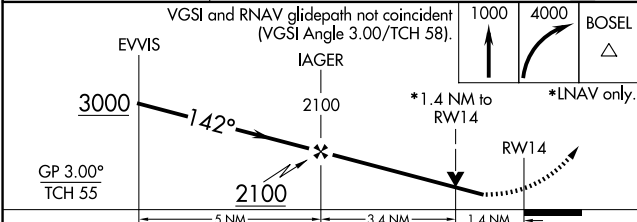
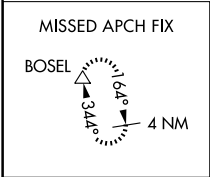
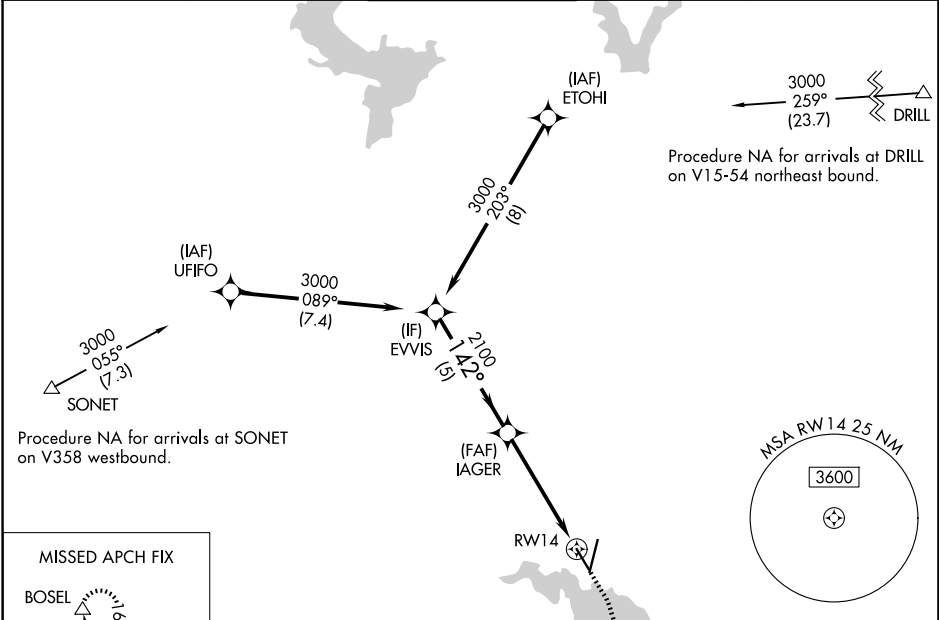
SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 56520 W14A	APP CRS 142°	Rwy Ldg TDZE Apt Elev	5103 513 516
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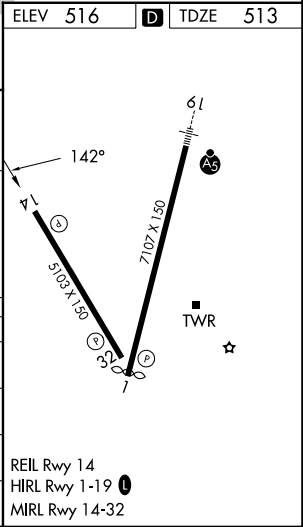
RNAV (GPS) RWY 14
WACO RGNL (ACT)

RNP APCH.	MISSED APPROACH: Climb to 1000 then climbing right turn to 4000 direct BOSEL and hold, continue climb-in-hold to 4000.
▼ ASR	Rwy 14 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, procedure NA below -8°C or above 54°C.

ATIS 123.85	WACO APP CON * 127.65 227.125	WACO TOWER * 119.3 (CTAF) 0 257.8	GND CON 121.9	UNICOM 122.95
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CATEGORY	A	B	C	D
LPV DA		763-¾	250 (300-¾)	
LNAV/VNAV DA		763-¾	250 (300-¾)	
LNAV MDA	1020-1	507 (600-1)	1020-1¾	507 (600-1¾)
CIRCLING	1020-1	504 (600-1)	1020-1½ 504 (600-1½)	1160-2 644 (700-2)



WACO, TEXAS

AL-439 (FAA)

26134

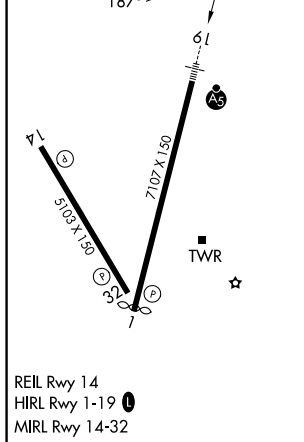
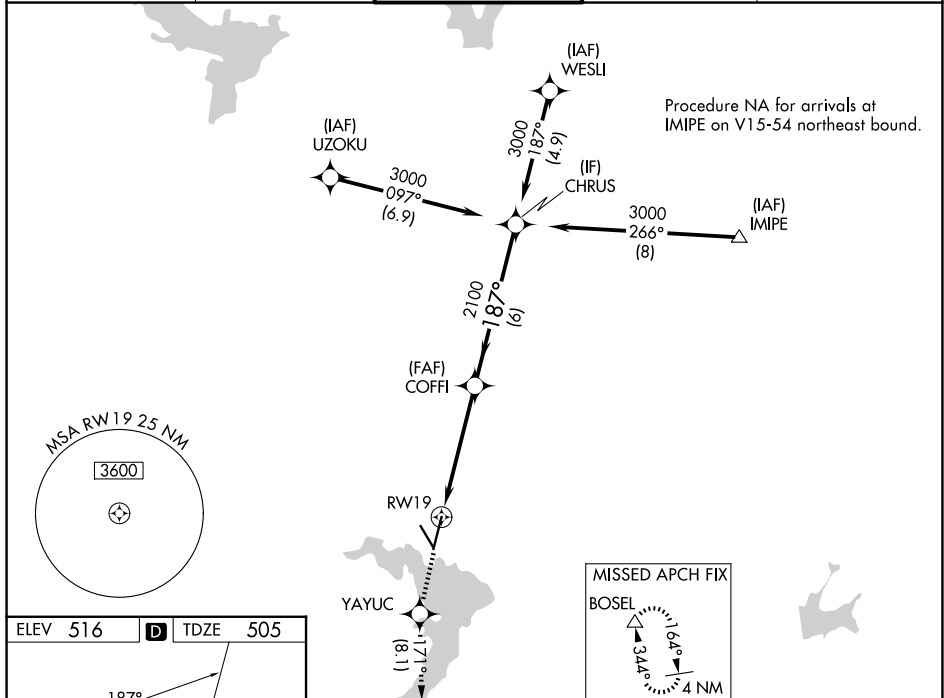
WAAS CH 82119 W19A	APP CRS 187°	Rwy Ldg 6605 TDZE 505 Apt Elev 516
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RNAV (GPS) RWY 19

WACO RGNL (ACT)

RNP APCH - GPS.	MALSR 	MISSED APPROACH: Climb to 4000 direct YAYUC and on track 171° to BOSEL and hold, continue climb-in-hold to 4000.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -8°C or above 54°C. For inop ALS, increase LNAV/VNAV visibility all Cats to RVR 4000. ASR **RVR 1800 authorized with use of FD or AP or HUD to DA.		

ATIS 123.85	WACO APP CON ★ 127.65 227.125	WACO TOWER ★ 119.3 (CTAF) 0 257.8	GND CON 121.9	UNICOM 122.95
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4000 ↑		YAYUC ✱		tr 171°		BOSEL △	
*LNAV only.				*1.1 NM to RW19			

WACO, TEXAS
Amdt 1A 10AUG23

31°37'N-97°14'W

RNAV (GPS) RWY 19

WACO RGNL (ACT)

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 69420 W32A	APP CRS 322°	Rwy Ldg TDZE 516 Apt Elev 516
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RNAV (GPS) RWY 32

WACO RGNL (ACT)

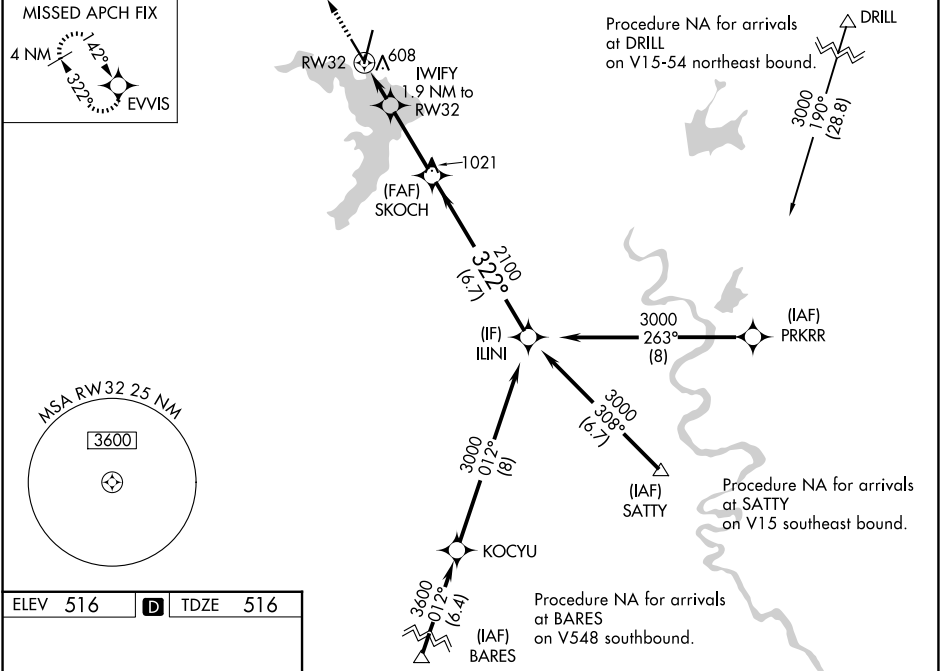
⚠

ASR

DME/DME RNP-0.3 NA. When local altimeter setting not received use Mc Gregor Exec altimeter setting and increase all DA 31 feet and all MDA 40 feet; increase LPV and LNAV/VNAV all Cats and LNAV Cats C/D visibility 1/8 mile and Circling Cat D visibility 1/4 mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (9°F) or above 54°C (130°F). Baro-VNAV NA when using Mc Gregor Exec altimeter setting. VDP NA with Mc Gregor Exec altimeter setting.

MISSED APPROACH: Climb to 4000 direct EVVIS and hold, continue climb-in-hold to 4000.

ATIS 123.85	WACO APP CON ★ 127.65 227.125	WACO TOWER ★ 119.3(CTAF) 257.8	GND CON 121.9	UNICOM 122.95
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WACO, TEXAS

AL-439 (FAA)

26134

VORTAC ACT	APP CRS	Rwy Ldg	5103
115.3	321°	TDZE	516
Chan 100		Apt Elev	516

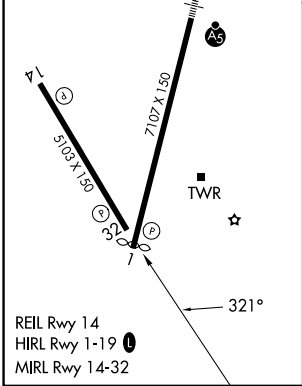
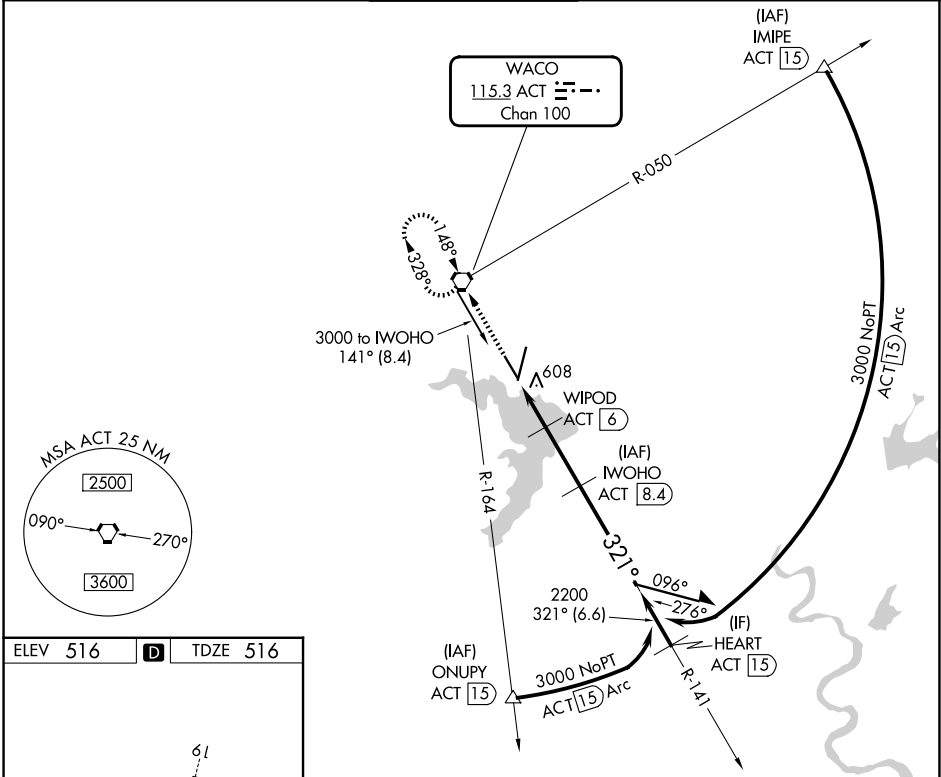
VOR/DME RWY 32
WACO RGNL (ACT)

ASR

VDP NA with Mc Gregor Exec altimeter setting. When local altimeter setting not received use Mc Gregor Exec altimeter setting and increase all MDA 40 feet; increase S-32 Cats C/D visibility 1/8 mile and Circling Cat D visibility 1/4 mile.

MISSED APPROACH: Climb to 3000 direct ACT VORTAC and hold, continue climb-in-hold to 3000.

ATIS 123.85	WACO APP CON* 127.65 227.125	WACO TOWER* 119.3 (CTAF) 257.8	GND CON 121.9	UNICOM 122.95
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3000	ACT	WIPOD ACT 6	IWOHO ACT 8.4	Remain within 10 NM
3000	ACT	WIPOD ACT 6	IWOHO ACT 8.4	3000
2200	ACT	WIPOD ACT 6	IWOHO ACT 8.4	2200
1300	ACT	WIPOD ACT 6	IWOHO ACT 8.4	1300
0.9	1.1	2.4		
CATEGORY	A	B	C	D
S-32	860-1 344 (400-1)			
CIRCLING	940-1 424 (500-1)	980-1 464 (500-1)	1020-1½ 504 (600-1½)	1160-2 644 (700-2)

WACO, TEXAS
Amdt 15B 02APR15

31°37'N-97°14'W

WACO RGNL (ACT)
VOR/DME RWY 32

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

VOR RWY 14
WACO RGNL (ACT)

MISSED APPROACH: Climbing right turn to 4000 on ACT VORTAC R-164 to BOSEL/ACT 14.00 DME and hold, Continue climb-in-hold to 4000.

WACO, TEXAS
Amdt 23C 15AUG19
31°37'N-97°14'W
477
WACO RGNL (ACT)
VOR RWY 14

26134

AIRPORT DIAGRAM

AL-439 (FAA)

WACO RGNL (ACT)
WACO, TEXAS

ATIS
123.85
WACO TOWER ★
119.3 257.8
GND CON
121.9

D

JANUARY 1985
ANNUAL RATE OF CHANGE
0.1° W

VAR 7° E

ELEV
509

142°

ELEV
502

61

A

A1

187°

x x

A2

A

A3

A4

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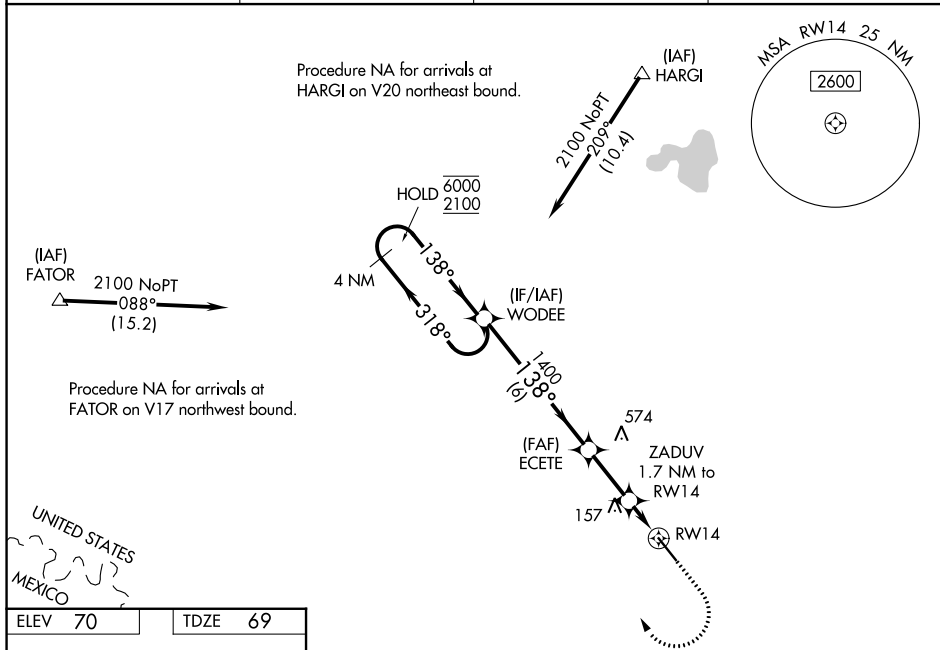
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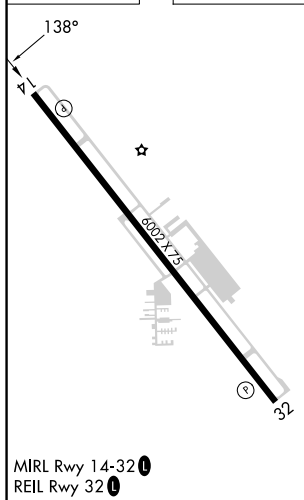
WAAS CH 70341 W14A	APP CRS 138°	Rwy Ldg 6002 TDZE 69 Apt Elev 70
--	------------------------	---

RNAV (GPS) RWY 14
MID VALLEY INTL (TXW)

RNP APCH.		⚠ MISSED APPROACH: Climb to 900 then climbing right turn to 2100 direct WODEE and hold.	
⚠ Rwy 14 helicopter visibility reduction below $\frac{3}{4}$ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.			
AWOS-3PT 118.575	VALLEY APP CON 126.55 377.2	CINC DEL 125.95	UNICOM 122.8 (CTAF) 0



ELEV	70		TDZE	69
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[illegible]

WESLACO, TEXAS

AL-6930 (FAA)

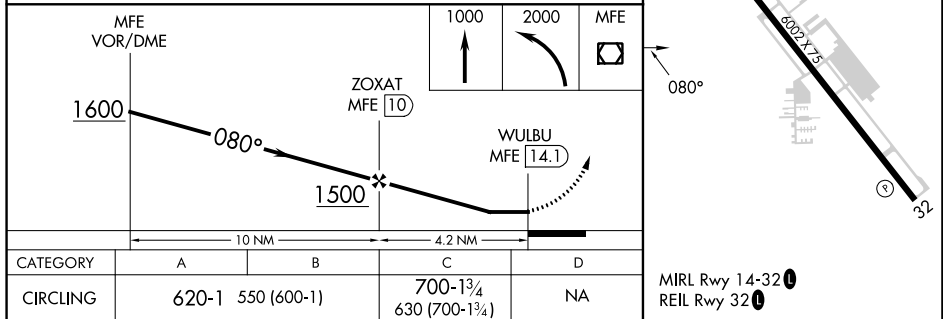
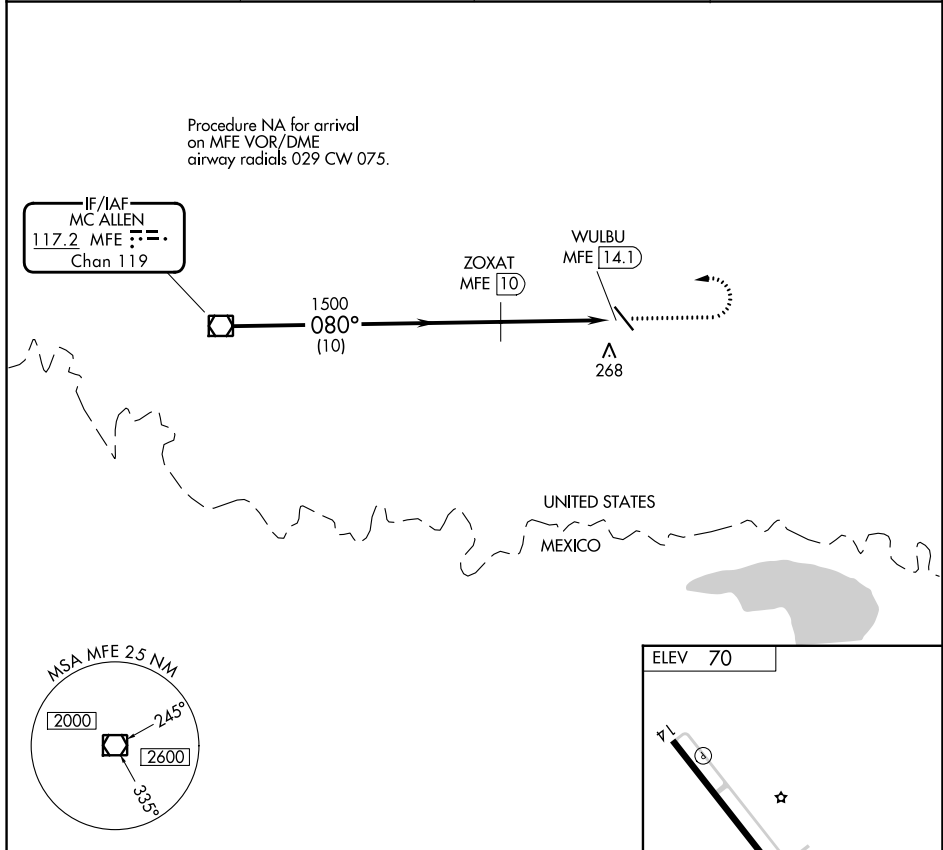
26246

VOR/DME MFE 117.2 Chan 119	APP CRS 080°	Rwy Ldg TDZE Apt Elev 70	N/A N/A 70
--	------------------------	--	-------------------------

VOR-A
MID VALLEY INTL (TXW)

DME required. ▼ When local altimeter not received, use McAllen altimeter setting and increase all MDA 40 feet. ▲	MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct MFE VOR/DME.
--	--

AWOS-3PT 118.575	VALLEY APP CON 126.55 377.2	CLNC DEL 125.95	UNICOM 122.8 (CTAF) 0
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WESLACO, TEXAS
Orig-C 25JAN24

26°11'N-97°58'W

MID VALLEY INTL (TXW)
VOR-A

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

WAAS CH 93831 W13A	APP CRS 132°	Rwy Ldg TDZE Apt Elev	5003 2822 2822
--	------------------------	-----------------------------	---

RNAV (GPS) RWY 13

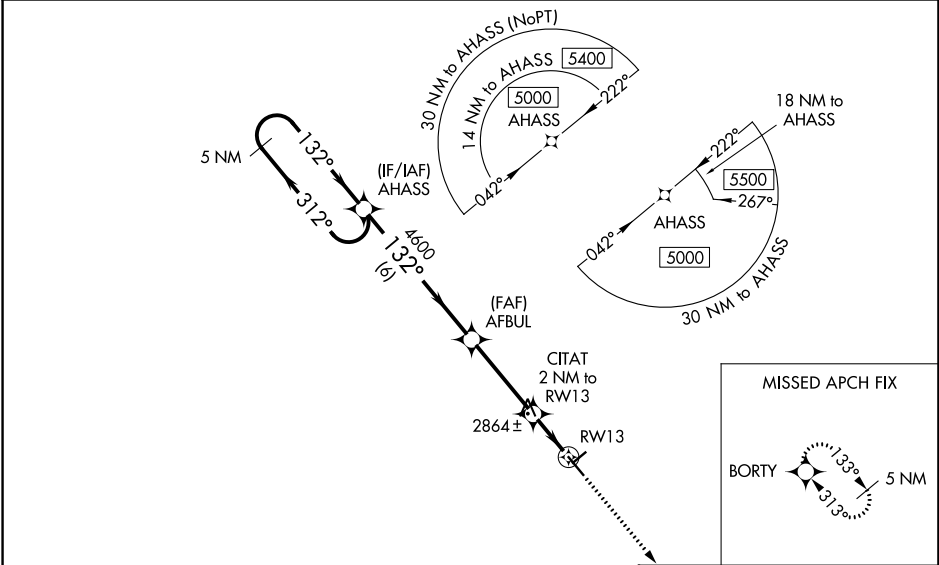
WINKLER COUNTY (INK)

RNP APCH - GPS.

T Baro-VNAV NA when using Pecos altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. VDP NA with Pecos altimeter setting. Rwy 13 helicopter visibilities reduction below ¾ SM NA. When local altimeter setting not received, use Pecos altimeter setting: increase LPV DA to 3167 feet and all Cats visibilities ¼ SM; increase LNAV/VNAV DA to 3167 feet and all Cats visibilities ¼ SM; increase all MDAs 100 feet and LNAV Cat C visibility ⅓ SM and Circling Cat C visibility ¼ SM.

MISSED APPROACH:
Climb to 5000 direct BORTY and hold.

ASOS 118.325	FORT WORTH CENTER 133.1 298.95	UNICOM 123.0 (CTAF) 0
------------------------	--	---------------------------------



5 NM Holding Pattern AHASS 5000 ← 312° 132° → GP 3.00° TCH 45 AFBUL 4600 CITAT 2 NM to RW13 0.8 NM to RW13 4600 3500 6 NM 3.4 NM 1.2 NM 0.8 5000 BORTY					ELEV 2822 TDZE 2822 132° 3514 X 100 5003 X 100 31						
CATEGORY	A	B		C		D					
LPV DA	3072-¾		250 (300-¾)		NA						
LNAV/VNAV DA	3072-¾		250 (300-¾)		NA						
LNAV MDA	3320-1	498 (500-1)		3320-1⅜ 498 (500-1⅜)		NA					
CIRCLING	3320-1	498 (500-1)		3580-2¼ 758 (800-2¼)		NA	MIRL Rwy 4-22 and 13-31 0				

WINK, TEXAS

AL-461 (FAA)

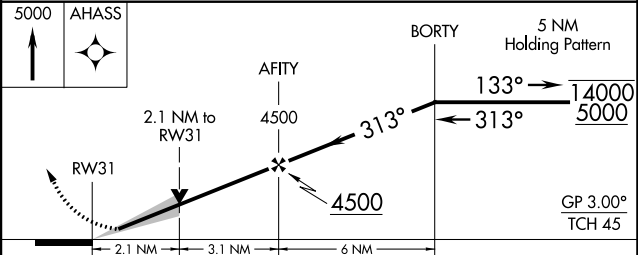
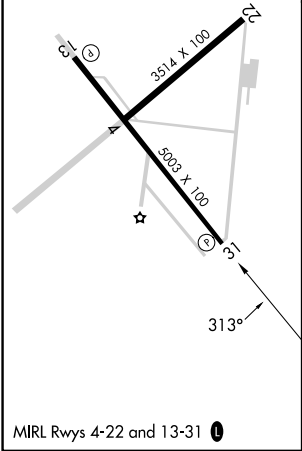
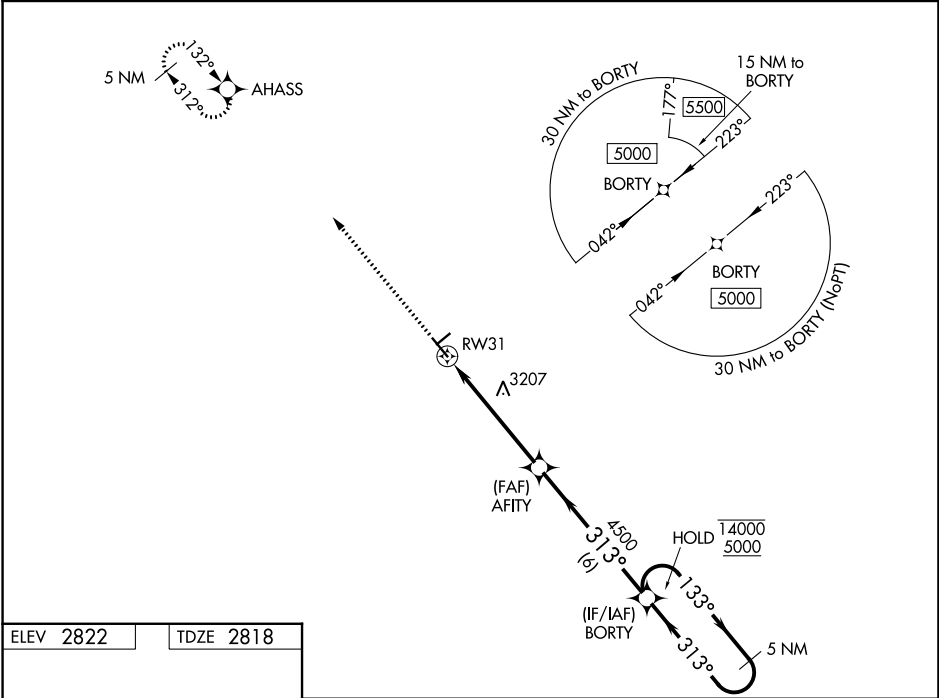
26190

WAAS CH 56233 W31A	APP CRS 313°	Rwy Ldg TDZE 5003 2818 Apt Elev 2822
--	------------------------	--

RNAV (GPS) RWY 31
WINKLER COUNTY (INK)

RNP APCH - GPS.		MISSED APPROACH: Climb to 5000 direct AHASS and hold.
▼ ▲	For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C.	

ASOS 118.325	FORT WORTH CENTER 133.1 298.95	UNICOM 123.0 (CTAF) 0
------------------------	--	---------------------------------



CATEGORY	A	B	C	D
LPV DA	3068-3/4	250 (300-3/4)		NA
LNAV/VNAV DA	3253-1 1/4	435 (500-1 1/4)		NA
LNAV MDA	3520-1	702 (700-1)	3520-2 702 (700-2)	NA
CIRCLING	3520-1	698 (700-1)	3580-2 1/4 758 (800-2 1/4)	NA

WINK, TEXAS
Amdt 1B 14JUL22

31°47'N-103°12'W

WINKLER COUNTY (INK)
RNAV (GPS) RWY 31

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

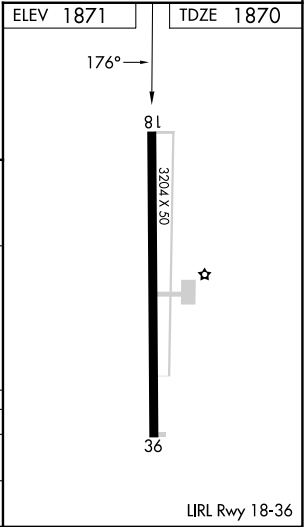
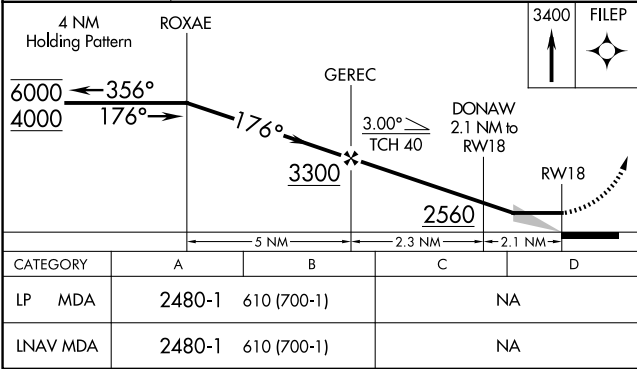
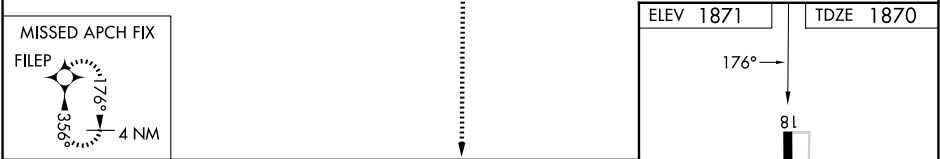
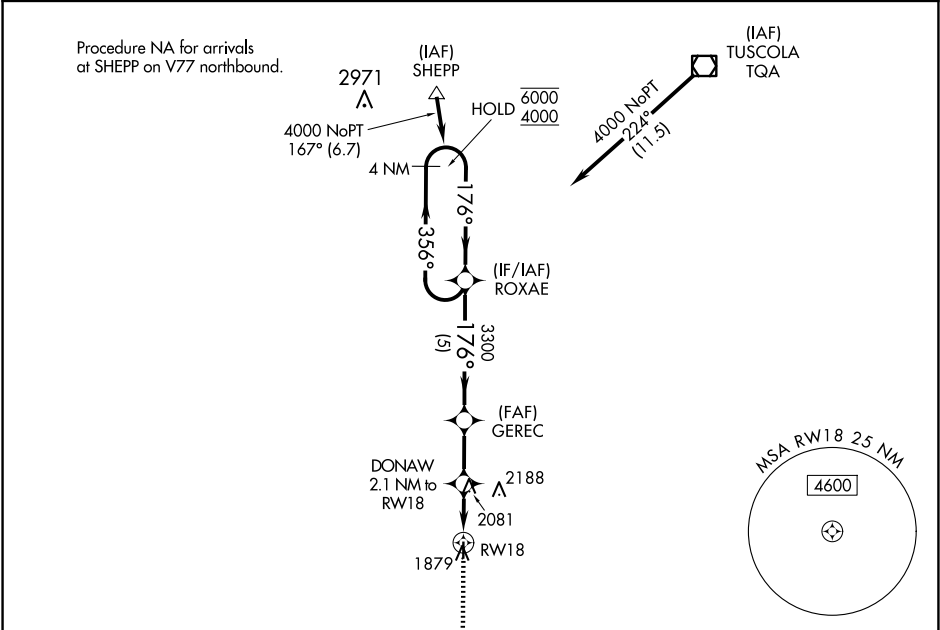
WAAS CH 93822 W18A	APP CRS 176°	Rwy Ldg TDZE 1870 Apt Elev 1871
--	------------------------	---

RNAV (GPS) RWY 18

WINTERS MUNI (77F)

RNP APCH - GPS.	MISSED APPROACH: Climb to 3400 direct FILEP and hold.
▼ ▲ NA Use ABI altimeter setting; when not received, use COM altimeter setting and increase all MDAs 20 feet.	

ABI ASOS 118.25	ABILENE APP CON 127.2 282.3	CTAF 122.9
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RNAV (GPS) RWY 36
WINTERS MUNI (77F)

MISSED APPROACH:
Climb to 4000 direct
ROXAE and hold.

CTAF
122.9



TUSCOLA
TQA

²⁷²³Δ

Procedure NA for arrivals
at TQA VOR/DME
on V94 eastbound.

1879 RW36 1915±

PADYI
1.5 NM
PW/34

(FAF)
SAVHE

3300
356°.
(5)

(IF/IAF) FILE

	/	<u>6000</u>
HOLD		4000

MSA RW30 25 NM

Procedure NA for arrivals at OWENN
on V77 southwest bound.

(IAF) OWENN 4000 NoPT 066° (16.2)

ELEV	1871		TDZE	1871
------	------	--	------	------

81

3204 X 50

36

356°

URL Rwy 18-36

4000	ROXAE
------	-------

PADY
1.5 NM
RW3

SAVHE

FILE 4 NM
Holding Pattern

$$\begin{array}{r} 176^\circ \rightarrow 6000 \\ - 356^\circ \\ \hline 4000 \end{array}$$

CATEGORY	A	B	C	D
LP MDA	2260-1	389 (400-1)	NA	
LNAV MDA	2260-1	389 (400-1)	NA	
CIRCLING	2440-1 569 (600-1)	2520-1 649 (700-1)	NA	

WINTERS MUNI (77F)

RNAV (GPS) RWY 36

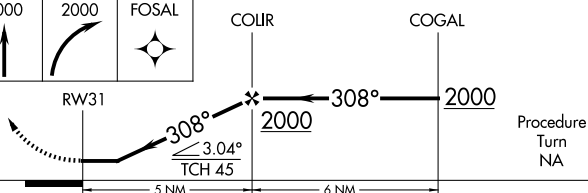
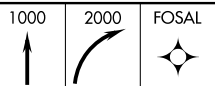
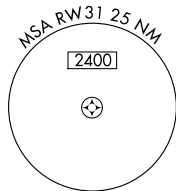
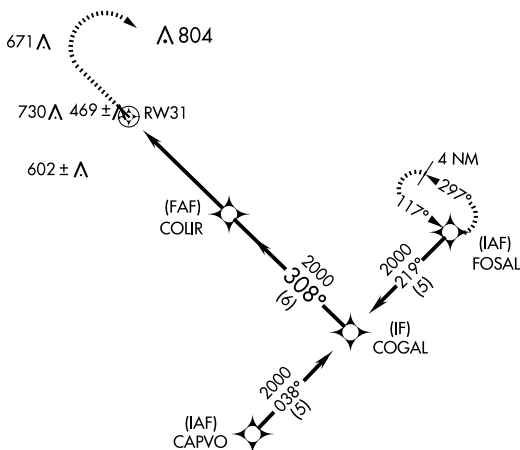
SC-3, 03 SEP 2026 to 29 OCT 2026

22363

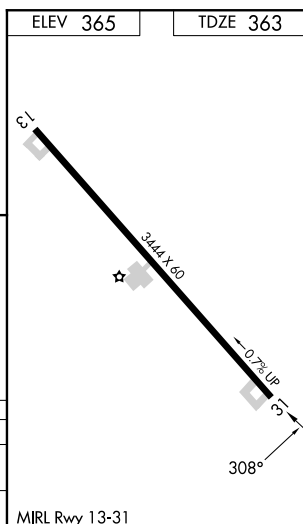
RNAV (GPS) RWY 31
YOAKUM MUNI (T85)

T	Use Victoria Rgnl altimeter setting. Procedure NA at night.
A NA	Rwy 31 helicopter visibility reduction below $\frac{3}{4}$ SM NA.

MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct FOSAL and hold.

CTAF
122.9

CATEGORY	A	B	C	D
LNAV MDA	840-1 477 (500-1)		840-1 $\frac{1}{4}$ 477 (500-1 $\frac{1}{4}$)	NA
CIRCLING	920-1 555 (600-1)		1200-2 $\frac{1}{2}$ 835 (900-2 $\frac{1}{2}$)	NA



29°19'N-097°08'W
485

YOAKUM MUNI (T85)
RNAV (GPS) RWY 31

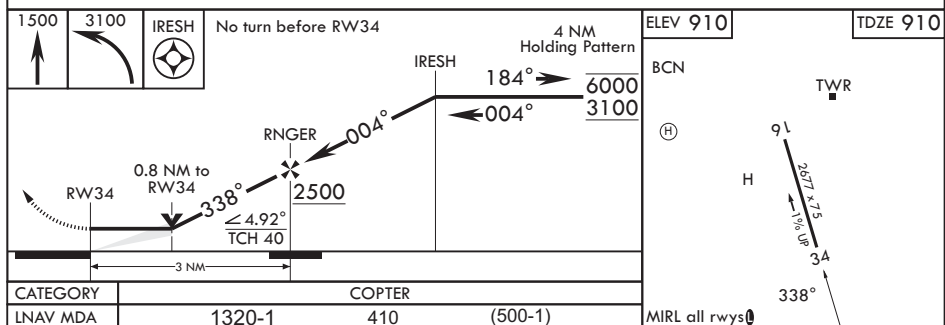
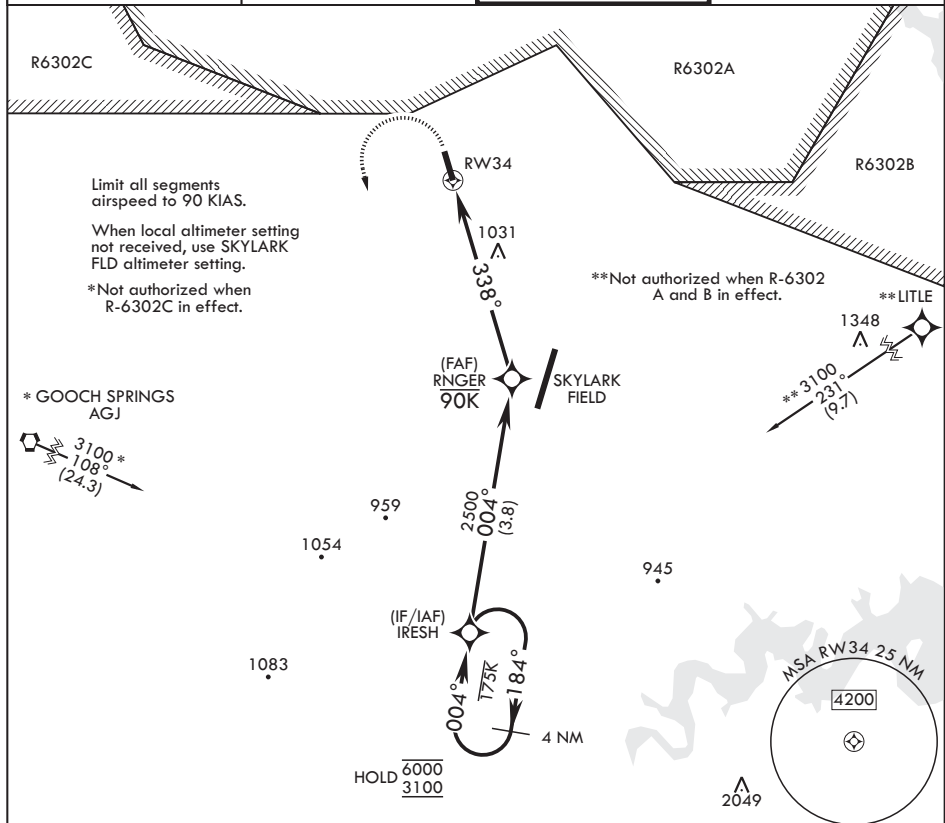
FORT HOOD, TEXAS

COPTER RNAV (GPS) RWY 34

APCH CRS 338°	Rwy Idg TDZE Arpt Elev	2677 910 910
------------------	------------------------------	--------------------

(USA) YOAKUM DEFRENN AHP (FORT HOOD) (KHLR)

RNP APCH – GPS		MISSED APPROACH: Climb to 1500 then climbing left turn to 3100 direct IRESH and hold.	
RADAR required for missed approach.			
 NA			
ATIS ★ 138.6	GRAY APP CON/DEP CON 120.075 323.15	TOWER ★ 119.65 0 269.45	GND CON 133.85 225.4



FORT HOOD, TEXAS

31°08'N - 97°43'W YOAKUM DEFRENN AHP (FORT HOOD) (KHLR)

COPTER RNAV (GPS) RWY 34

Amdt 1 30OCT25

SC-3, 03 SEP 2026 to 29 OCT 2026

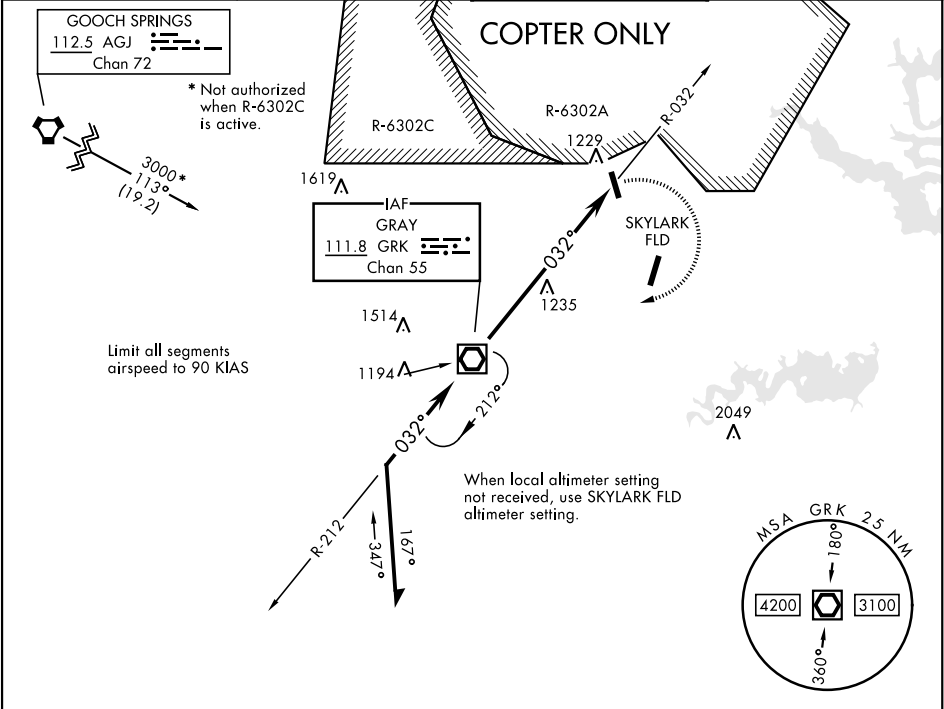
SC-3, 03 SEP 2026 to 29 OCT 2026

COPTER VOR 032°

VOR/DME GRK 111.8 Chan 55	APCH CRS 032°	Rwy Idg TDZE Arpt Elev N/A N/A 910
---------------------------------	------------------	---

[USA] YOAKUM DEFRENN AHP (FORT HOOD) (KHLR)

RADAR required		MISSED APPROACH: Climbing right turn to 3000 direct to GRK VOR/DME and hold.	
ATIS★ 138.6	GRAY APP CON 120.075 323.15	TOWER★ 119.65 269.45	GND CON 133.85 225.4



ELEV 910	
★	
TWR	
91	
2,037 x 75	
1% UP	
34	
032°	
MIRL Rwy 16-34	
FAF to MAP 8.0 NM	
Knots	45 60 75 90 105
Min:Sec	10:40 8:00 6:24 5:20 4:34

COPTER VOR 032°

SC-3, 03 SEP 2026 to 29 OCT 2026

SC-3, 03 SEP 2026 to 29 OCT 2026

FORT HOOD, TEXAS

COPTER NDB RWY 34

LOM IL 278	APCH CRS 353°	Rwy Idg TDZE Arpt Elev 2677 910 910
----------------------	-------------------------	---

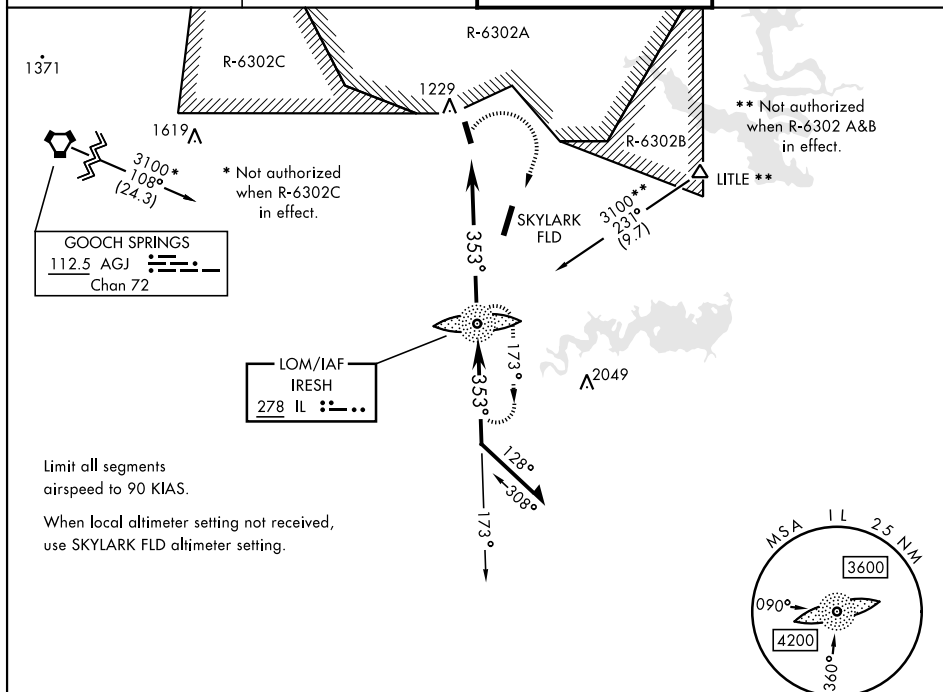
[USA] YOAKUM DEFRENN AHP (FORT HOOD) (KHLR)

RADAR required

NA

MISSED APPROACH: Climbing right turn to 3100 direct IL LOM and hold.

ATIS★ 138.6	GRAY APP CON 120.075 323.15	TOWER★ 119.65 269.45	GND CON 133.85 225.4
-----------------------	---------------------------------------	--------------------------------	--------------------------------



ELEV 910		TDZE 910	
★		①	
3100		TWR	
IL		91	
IRESH LOM		34	
Remain within 5 NM		353°	
3100		MIRL Rwy 16-34	
3.11°		FAF to MAP 6.6 NM	
TCH 40		Knots	
6.6 NM		45 60 75 90 105	
CATEGORY		Min:Sec	
S-34		8:48 6:36 5:17 4:24 3:46	
CIRCLING			

FORT HOOD, TEXAS

31°08'N-97°43'W

YOAKUM DEFRENN AHP (FORT HOOD) (KHLR)

Amdt 1 30OCT25

COPTER NDB RWY 34

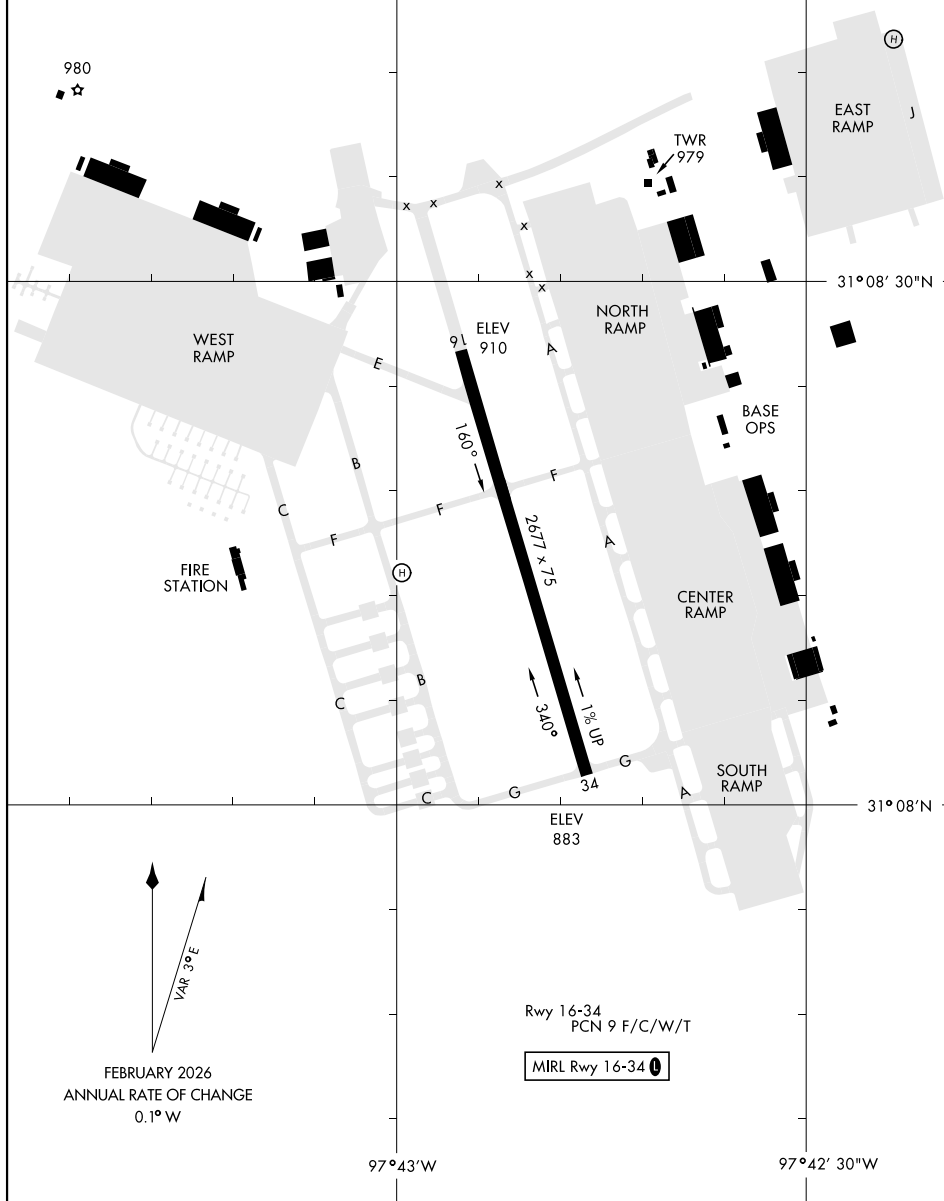
SC-3, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

[USA]

FORT HOOD, TEXAS

ATIS ★
 138.6
 TOWER ★
 119.65 **L** 269.45
 GND CON
 133.85 225.4
 CLNC DEL
 225.4

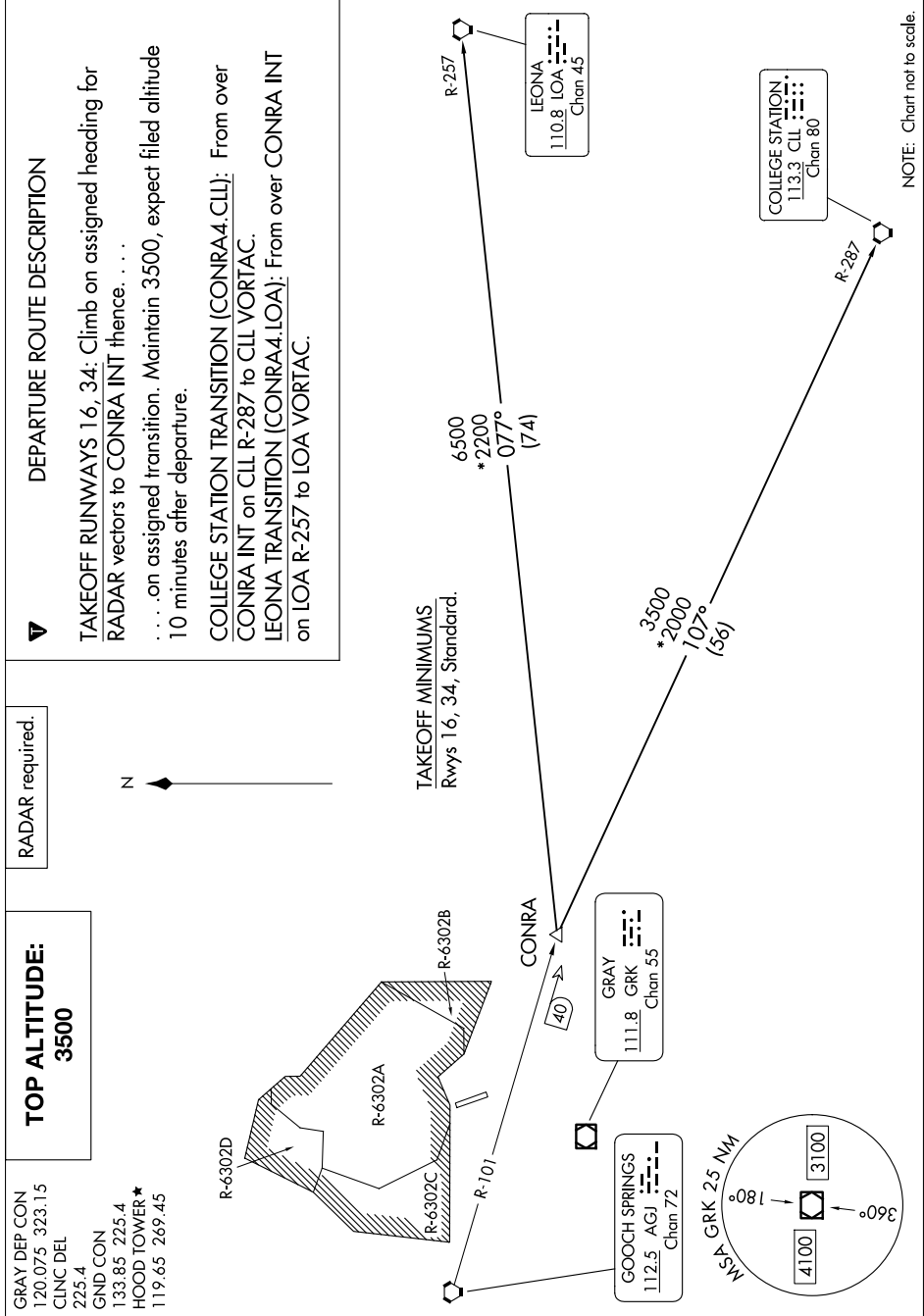
FIELD
ELEV
910

SC-3, 03 SEP 2026 to 29 OCT 2026

AIRPORT DIAGRAM

FORT HOOD, TEXAS

YOAKUM DEFRENN AHP (FORT HOOD) (KHLR)



GRAY DEP CON
120.075 323.15
CLNC DEL
225.4
GND CON
133.85 225.4
HOOD TOWER★
119.65 269.45

RADAR required.

**TOP ALTITUDE:
ASSIGNED BY ATC**

TAKEOFF MINIMUMS
Rwys 16, 34: Standard.

GOOCH SPRINGS
112.5 AGJ :--:--:
Chan 72

STONEWALL
113.8 STV 
Chan 85

GRAY
111.8 GRK 
Chan 55

NOTE: WACO Transition for aircraft inbound to terminal area airports.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 16, 34: Climbing right turn heading 240° to intercept and proceed on AGJ R-098. Thence

... on assigned transition. Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

STONEWALL TRANSITION (LAMPS9.STV): From over AGJ VORTAC on AGJ R-202 and STV R-018 to STV VORTAC.

WACO TRANSITION (LAMPS9.ACT): From over AGJ VORTAC on AGJ R-036 to SONET INT, then on ACT R-271 to ACT VORTAC.

LAMPS NINE DEPARTURE

(LAMPS9.AGJ) 14MAY26

FORT HOOD (KILLEEN), TEXAS

YOAKUM-DEFRENN AHP (FORT HOOD) (KHLR)

INTENTIONALLY
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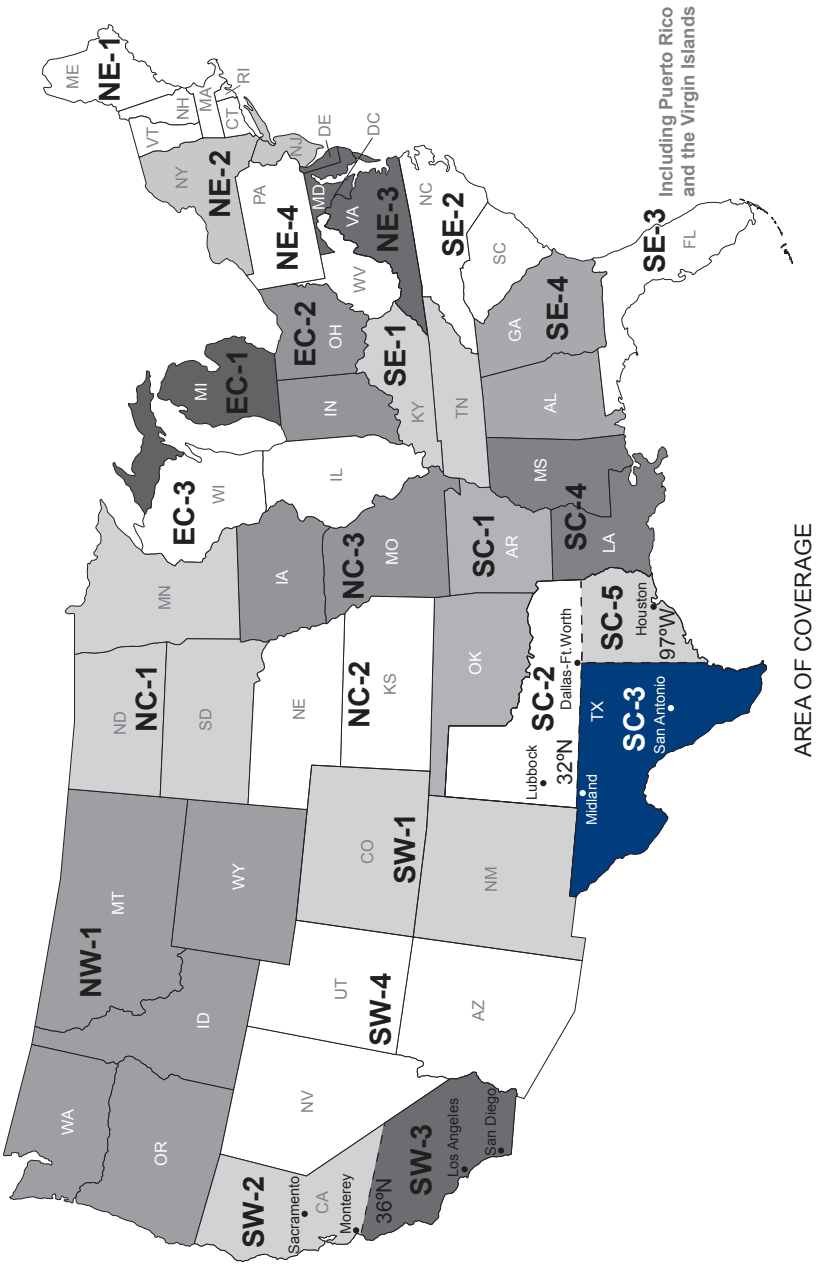
INSIDE BACK COVER

INTENTIONALLY

LEFT

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NSN 7641015059587

NGA REF. NO. OK-10-2859 TERMXFAABTTPPSC3



EFF. DATE 26246