Federal Aviation Administration

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South Central (SC) Vol 5 of 5

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Consult the Change Notice (CN) effective 10 JUL 2025 for revised Instrument Procedure Charts for this volume

Consult NOTAMs for latest information

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CORRECTIONS, COMMENTS AND/OR PROCUREMENT

FOR CHARTING ERRORS, OR FOR CHANGES, ADDITIONS, RECOMMENDATIONS ON PROCEDURAL ASPECTS CONTACT:
FAA, Aeronautical Information Services
1305 East-West Highway
SSMC 4, Room 4531
Silver Spring, MD 20910-3281
Telephone: 1-800-638-8972
https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/

For inquiries regarding military charts, please contact **aerohelp@nga.mil**

FOR PROCUREMENT:
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Frequently asked questions (FAQ) are answered on our website at: **https://www.faa.gov/go/ais**
See the FAQs prior to contact via toll free number or email.

Request for the creation or revisions to Airport Diagrams should be in accordance with FAA Order 7910.4

INOP COMPONENTS 25051

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

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

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

(1) ILS, PAR, LPV, GLS minima

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

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

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

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

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

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

(4) Sidestep minima (CAT C-D)

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

(5) All Approach Types, All lines of minima

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

INOP COMPONENTS 25051

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TERMS/LANDING MINIMA DATA 20142

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.

Visibility (RVR 100's of feet) — DA — Aircraft Approach Category — HAT

CATEGORY	A	B	C	D
S-ILS 27	1352/24		200 (200-½)	
S-LOC 27	1440/24 288		(300-½)	1440/50 288 (300-1)
CIRCLING	1540-1 361 (400-1)	1640-1 461 (500-1)	1640-1½ 461 (500-1½)	1740-2 561 (600-2)

Straight-in ILS to Runway 27

Straight-in with Glide Slope Inoperative or not used to Runway 27

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

MDA — HAA — Visibility in Statute Miles

COPTER MINIMA ONLY

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

Copter Approach Direction — Height of MDA/DA Above Landing Area (HAL) — No circling minimums are provided

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

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

COLD TEMPERATURE AIRPORTS

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

COLD TEMPERATURE ERROR TABLE

HEIGHT ABOVE AIRPORT IN FEET

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

AIRCRAFT APPROACH CATEGORIES

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

MANEUVERING TABLE

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

TERMS/LANDING MINIMA DATA 20142

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TERMS/LANDING MINIMA DATA 25163

CIRCLING APPROACH OBSTACLE PROTECTED AIRSPACE

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

CIRCLING APPROACH MANEUVERING AIRSPACE RADIUS

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

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

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

Comparable Values of RVR and Visibility

The following table shall be used for converting RVR to ground or flight visibility. For converting 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)
1600	¼	2400	½	3500	⅝	5500	1
1800	½	2600	½	4000	¾	6000	1¼
2000	½	3000	⅝	4500	⅞		
2200	½	3200	⅝	5000	1		

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)

Visibility (RVR 100's of feet)

Visibility in Statute Miles

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

Radar Minima:

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

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

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

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

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

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

TERMS/LANDING MINIMA DATA 25163

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GENERAL INFORMATION

This publication is issued every 56 days and includes Standard Instrument Approach Procedures (SIAPS), Standard Instrument Departures (SIDs), Standard Terminal Arrivals (STARs), IFR Takeoff Minimums and (Obstacle) Departure Procedures (ODPs), 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). SIAPS with the (FAA) and (FAA-O) designation are regulated under 14 CFR, Part 97. SIAPs with the (FAA-O) designation have been developed by an authorized non-FAA service provider. See 14 CFR, Part 91.175 (a) and the AIM for further details. 14 CFR, Part 91.175 (g) and the Special Notices section of the Chart Supplement contain 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.

FAA Procedure Amendment Number → Orig 31DEC09 ← Procedure Amendment Effective Date
FAA Procedure Amendment Number → Amdt 2B 12MAR09 ← Procedure Amendment Effective Date

The FAA Procedure Amendment Number represents the most current amendment of a given procedure. The Procedure Amendment Effective Date represents the AIRAC cycle date on which the procedure amendment was incorporated into the chart. Updates to the amendment number & effective date represent procedural/criteria revisions to the charted procedure, e.g., course, fix, altitude, minima, etc. 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) instrument procedures, "RADAR REQUIRED" in the planview of the chart indicates that ATC radar must be available to assist the pilot when transitioning from the en route environment. "Radar required" in the pilot briefing portion of the chart indicates that ATC radar is required on portions of the procedure outside the final approach segment, including the missed approach. Some military procedures also have equipment requirements such as "Radar Required", but do not conform to the same charting application standards used by the FAA.

Distances 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.

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

PBN Requirements Box →	From WINRZ, LIBGE: RNAV-1 GPS, RNAV-1GPS from MAP to YARKU.
Equipment Requirements Box →	DME required for LOC only.
Standard Procedure Notes Box →	T Circling to Rwy 25 NA at night. #For inop MALSR increase S-ILS 16R all cats visibility to 2½ SM.

RNAV STAR and DP PBN/Equipment Requirements Notes Box

PBN Requirements Box →	RNAV 1 - DME/DME/IRU or GPS
Equipment Requirements Box →	RADAR required

PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

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

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

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

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

KEY MIKE	FUNCTION
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-off)

ABBREVIATIONS 25107

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

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ABBREVIATIONS 25107

LDA	Localizer Type Directional Aid
Ldg	Landing
LIRL	Low Intensity Runway Lights
LNAV	Lateral Navigation
LOA	Letter of Agreement/ Authorization
LOC	Localizer
LOM	Locator Outer Marker
LP	Localizer Performance
LPV	Localizer Performance with Vertical Guidance
LR	Lead Radial
LRRS	Long Range RADAR Station
MAA	Maximum Authorized Altitude
MALS	Medium Intensity Approach Lighting System
MALSF	Medium Approach Lighting System with Sequenced Flashers
MALSR	Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights
MAP	Missed Approach Point
MCAF	Marine Corps Air Facility
MCALF	Marine Corps Auxiliary Landing Filed
MCAS	Marine Corps Air Station
MCB	Marine Corps Base
MCOLF	Marine Corps Outlying Field
MDA	Minimum Descent Altitude
MEA	Minimum Enroute Altitude
MEML	Memorial
METRO	Metropolitan
MIRL	Medium Intensity Runway Lights
MM	Middle Marker
MOCA	Minimum Obstruction Clearance Altitude
MRA	Minimum Reception Altitude
MSL	Mean Sea Level
MSPEC	Management Specification
MUNI	Municipal
N/A	Not Applicable
NA	Not Authorized
NAAS	Naval Auxiliary Air Station
NAF	Naval Air Facility
NALF	Naval Auxiliary Landing Field
NAS	Naval Air Station
NDB	Nondirectional Radio Beacon
NM	Nautical Mile
NOLF	Naval Outlying Field
NoPT	No Procedure Turn
NOTAM	Notice to Airmen
NS	Naval Station
NTL	National
ODALS	Omnidirectional Approach Lighting System
ODP	Obstacle Departure Procedure
OM	Outer Marker
OPSPEC	Operations Specification
PAR	Precision Approach Radar
PDC	Pre-Departure Clearance
PRM	Precision Runway Monitor
Pvt	Private
R	Radial
RA	Radio Altimeter setting height
RAIL	Runway Alignment Indicator Lights
RCLS	Runway Centerline Light System
REIL	Runway End Identifier Lights
RF	Radius to Fix
RGNL	Regional
RLLS	Runway Lead-in Light System
RNAV	Area Navigation
RNP	Required Navigation Performance
RPI	Runway Point of Interception)
RVR	Runway Visual Range
RWY	Runway
S	Straight-in
SALS	Simplified Short Approach Light System
SALSF	Short Approach Lighting System with Sequenced Flashing Lights
SDF	Simplified Directional Facility
SFB	Space Force Base
SID	Standard Instrument Departure
SM	Statute Mile
SR-SS	Sunrise-Sunset
SSALF	Short Approach Lighting System with Sequenced Flashing Lights
SSALR	Simplified Short Approach Light 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	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

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ABBREVIATIONS 25107

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
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

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LEGEND 23334 INSTRUMENT APPROACH PROCEDURES (CHARTS)

PLANVIEW SYMBOLS

ROUTES

Procedure Track

Feeder Route

Missed Approach

Visual Flight Path

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

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

HOLDING PATTERNS

Hold-in-lieu of Procedure Turn

HOLD 10000 8000
090°
(IAS)
270°
4 NM

HOLD 10000 8000
090°
1 min
270°

Missed Approach
090°
270°

Arrival
HOLD 8000
090°
270°

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

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

FIXES/ATC REPORTING REQUIREMENTS

Reporting Point

GLGHR INT — Intersection

Waypoint

MAP WP (Flyby)

MYLES
I-LVF 14.9 — (Distance From Facility)

MAP WP (Flyover)

DME

Flyover Point

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

R-198 → Radial line and value

LR-198 → Lead Radial

LB-198 → Lead Bearing

ALTITUDES

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

INDICATED AIRSPEED

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

RADIO AIDS TO NAVIGATION

110.1 Underline indicates No Voice transmitted on this frequency

VOR
VORTAC
TACAN
VOR/DME
DME
NDB
NDB/DME
LOM (Compass locator at Outer Marker)
Marker Beacon

Marker beacons that are not specifically part of the procedure.

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

Localizer Back Course
Left side shading- Back Course

SDF Course

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

Primary NAVAID
LIMA
114.5 LIM
Chan 92

Secondary NAVAID
LOM
AKRON
362 AK

TACAN or DME NAVAID
SCOTT
Chan 59
SKE
(112.2)
VHF Paired Frequency

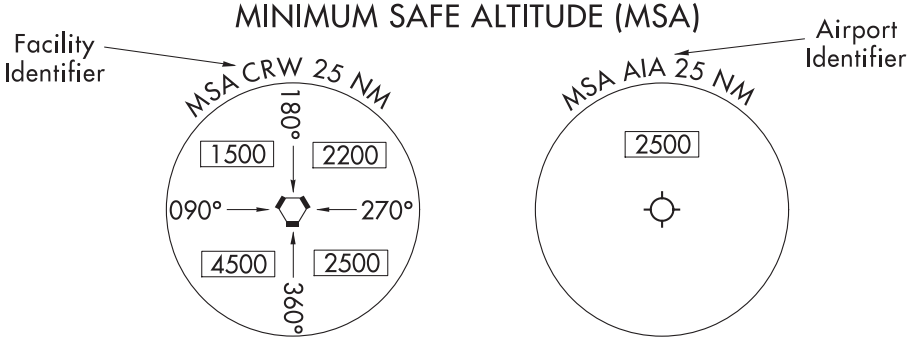
SC-5, 12 JUN 2025 to 07 AUG 2025

LEGEND 23110

INSTRUMENT APPROACH PROCEDURES (CHARTS)

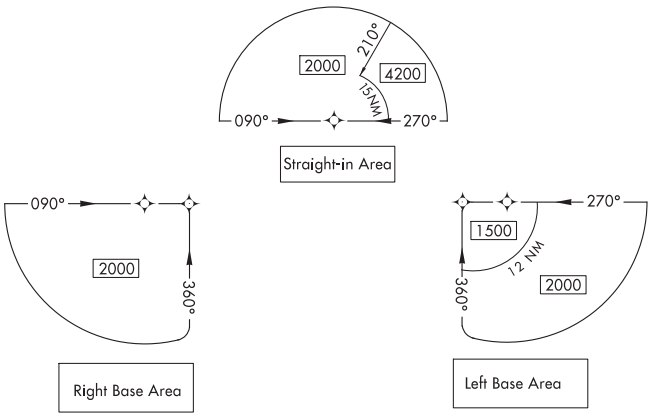
PLANVIEW SYMBOLS

MINIMUM SAFE ALTITUDE (MSA)



(arrows on distance circle identify sectors)

TERMINAL ARRIVAL AREA (TAA)



MISCELLANEOUS

VOR Changeover Point

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

Distance not to scale

International Boundary

Air Defense Identification Zone

SPECIAL USE AIRSPACE

R-352

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

AIRPORTS

Primary and Secondary (named in planview)

Civil

Seaplane Base

Heliport

Joint (Civil-Military)

OBSTACLES

Spot Elevation

Highest Spot Elevation

Obstacle

Group of Obstacles

Highest Obstacle

± Doubtful accuracy

LEGEND 23110

SC-5, 12 JUN 2025 to 07 AUG 2025

LEGEND 24361

INSTRUMENT APPROACH PROCEDURES (CHARTS)

PROFILE VIEW

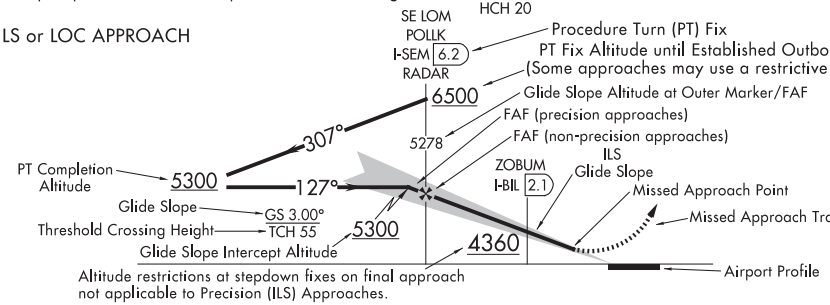
Three different methods are used to depict either electronic or vertical guidance: "GS", "GP", or "VDA".

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: GS 3.00°/TCH 55.

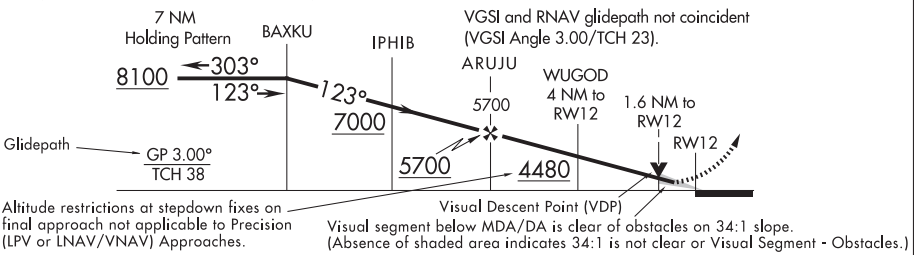
2. "GP" on GLS and RNAV procedures indicates that either electronic vertical guidance (via Wide Area Augmentation System - WAAS or Ground Based Augmentation System - GBAS) or barometric vertical guidance is provided. GLS and RNAV procedures with a published decision altitude (DA/H) depict a GP angle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

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

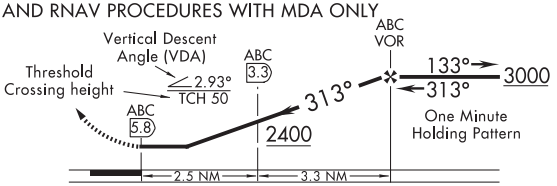
ILS or LOC APPROACH



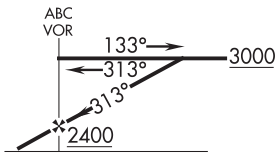
RNAV and GLS PROCEDURES WITH VERTICAL GUIDANCE



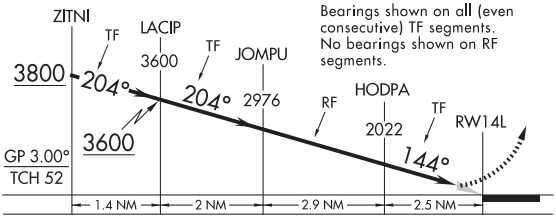
NON-VERTICALLY GUIDED CONVENTIONAL PROCEDURES AND RNAV PROCEDURES WITH MDA ONLY



DESCENT FROM HOLDING PATTERN



RNP APPROACH WITH TF AND RF SEGMENTS



ALTITUDES

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

PROFILE SYMBOLS

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

▼ Visual Descent Point (VDP)

- - - → Visual Flight Path

Note: Facilities and waypoints are depicted as a solid vertical line while fixes and intersections are depicted as a dashed vertical line.

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

LEGEND 23334 STANDARD TERMINAL ARRIVAL (STAR) CHARTS

RADIO AIDS TO NAVIGATION

Compulsory:

VOR, VORTAC, DME, NDB/DME, VOR/DME, TACAN, NDB

Non-Compulsory:

VOR, VORTAC, DME, NDB/DME, VOR/DME, TACAN, NDB

LOM (Compass locator at outer marker)

Marker Beacon

Localizer Front Course

BACK COURSE

Localizer Back Course (Shading on left)

(T) indicates frequency protection range

ORLANDO
112.25 (T) ORL
Chan 59(Y)

Underline indicates no voice transmitted on this frequency

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

TACAN or DME NAVAID Box

SCOTT
Chan 59
SKE
(112.2)

VHF Paired Frequency

FIXES/ATC REPORTING REQUIREMENTS

Unnamed DME fix

Reporting Point (Compulsory)

Reporting Point (Non-Compulsory)

Obvious DME (DME mileage matches route mileage)

75 DME Mileage (when not obvious)

Waypoint (Compulsory)

Waypoint (Non-Compulsory)

Flyover Point

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

AIRPORTS

Civil, Military, Joint (Civil-Military)

Airports not served by the procedure shown in screened color

Civil, Military, Joint (Civil-Military)

ROUTES

MAA FL200 Maximum Authorized Altitude
4500 MEA-Minimum Enroute Altitude
*3500 MOCA-Minimum Obstruction Clearance Altitude
270° Arrival Route
(65) Mileage between Radio Aids, Reporting Points, and Route Breaks

Transition Route

R-275 Radial line and value

Lost Communications Track

V12 J80 Airway/Jet Route Identification

(IAS) Holding Pattern

Lost Comm Holding Pattern

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

SPECIAL USE AIRSPACE

R-352

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

ALTITUDES

5500 Mandatory Altitude (Cross at)

2300 Minimum Altitude (Cross at or above)

4800 Maximum Altitude (Cross at or below)

15000
12000
Block Altitude

Altitude change at other than Radio Aids to Navigation

INDICATED AIRSPEED

175K Mandatory Airspeed

120K Minimum Airspeed

250K Maximum Airspeed

MISCELLANEOUS

Changeover Point

Air Defense Identification Zone

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

Ldg KLAS and KHND

Ldg Rwys 16L/C/R

Terminus identifier

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

LEGEND 23334 DEPARTURE PROCEDURE (DP) CHARTS

RADIO AIDS TO NAVIGATION

Compulsory:

VOR, VORTAC, DME, NDB/DME, VOR/DME, TACAN, NDB

Non-Compulsory:

VOR, VORTAC, DME, NDB/DME, VOR/DME, TACAN, NDB

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

LOM (Compass locator at outer marker)

Marker Beacon

Localizer Front Course

BACK COURSE

Localizer Back Course (Shading on left)

(T) indicates frequency protection range

ORLANDO
112.25 (T) ORL
Chan 59(Y)

Underline indicates no voice transmitted on this frequency

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

TACAN or DME NAVAID Box

SCOTT
Chan 59
SKE
(112.2)

VHF Paired Frequency

FIXES/ATC REPORTING REQUIREMENTS

Unnamed DME fix

Reporting Point (Compulsory)

Reporting Point (Non-Compulsory)

Obvious DME (DME mileage matches route mileage)

75 DME Mileage (when not obvious)

Waypoint (Compulsory)

Waypoint (Non-Compulsory)

Flyover Point

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

MISCELLANEOUS

Changeover Point

Distance not to scale

International Boundary

Sector Boundary

Air Defense Identification Zone

T Takeoff Minimums and (Obstacle) Departure Procedures entry published.

ROUTES

4500 MEA-Minimum Enroute Altitude

*3500 MOCA-Minimum Obstruction Clearance Altitude

270° Departure Route

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

Transition Route

R-275 Radial line and value

Lost Communications Track

Visual Flight Path

V12 J80 Airway/Jet Route Identification

(IAS) Holding Pattern

Lost Comm Holding Pattern

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

SPECIAL USE AIRSPACE

R-352

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

ALTITUDES

5500 Mandatory Altitude (Cross at)

2300 Minimum Altitude (Cross at or above)

4800 Maximum Altitude (Cross at or below)

15000 / 12000 Block Altitude

TOP ALTITUDE: 5000 Top altitude restriction

INDICATED AIRSPEED

175K Mandatory Airspeed

120K Minimum Airspeed

250K Maximum Airspeed

AIRPORTS

H Heliport

Civil

Military

Joint (Civil-Military)

MINIMUM SAFE ALTITUDE (MSA)

Facility Identifier

MSA CRW 25 NM
180°
4500
4100
090°
270°
5300
4700
360°

Airport Identifier

MSA AIA 25 NM
2500

(arrows on distance circle identify sectors)

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LEGEND 23334

24249

LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

Runways

Hard Surface | Other Than Hard Surface | Taxiways, Parking Areas | Stopways, Overruns, Blast Pads | Metal Surface

Closed Runway | Closed Surface | Non-Movement | Under Construction | Water Runway

ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.

uni-directional | bi-directional | Jet Barrier

ARRESTING SYSTEM (EMAS)

REFERENCE FEATURES

Displaced Threshold
Hot Spot
Runway Holding Position Markings
Buildings
Self-Serve Fuel ##
Tanks
Obstructions
Airport Beacon #
Runway Radar Reflectors
Bridges
Control Tower # TWR

Unlit Lit
Wind Cone
Landing Tee
Tetrahedron

When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

See appropriate Chart Supplement for information.

Runway Weight Bearing Capacity or Pavement Classification Number (PCN)/Pavement Classification Rating (PCR) is shown as a codified expression. Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCR 560 R/B/W/T; S-75, D-185, 2D-325, 2D/2D2-1120

Helicopter Alighting Areas

Negative Symbols used to identify Copter Procedures landing point

NOTE:
Landmark features depicted on Copter Approach insets and sketches are provided for visual reference only.

Runway TDZ elevation.....TDZE 123

Runway Slope..... ← 0.3% Down.....0.8% UP →
(shown when rounded runway slope is ≥ 0.3%)

NOTE:
Runway Slope measured to midpoint on runways 8000 feet or longer.

U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or ½ minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

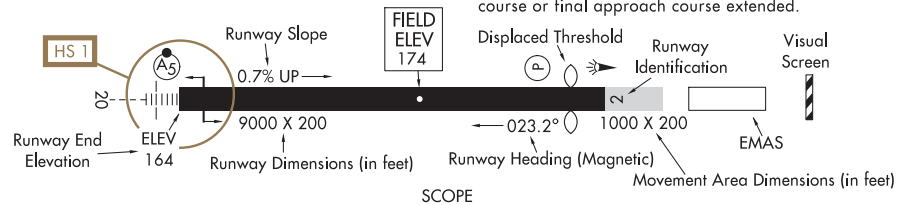
Positional accuracy within ± 600 feet unless otherwise noted on the chart.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A D symbol is shown to indicate runway declared distance information available, see appropriate Chart Supplement for distance information.

NOTE:
All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in DoD FLIP. (Foreign Only)

The airport sketch box includes the final approach course or final approach course extended.



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

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SC-5, 12 JUN 2025 to 07 AUG 2025

LEGEND 22195

INSTRUMENT APPROACH PROCEDURES (CHARTS)

APPROACH LIGHTING SYSTEM - UNITED STATES

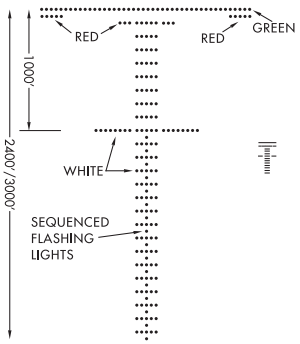
Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, e.g., A2, V, etc.

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

CATEGORY I APPROACH LIGHTING SYSTEM

A1

ALSF-1

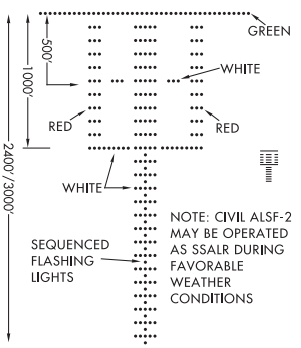


(High Intensity)
LENGTH 2400/3000 FEET

CATEGORY II APPROACH LIGHTING SYSTEM

A

ALSF-2

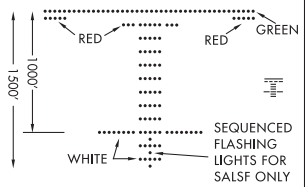


(High Intensity)
LENGTH 2400/3000 FEET

SHORT APPROACH LIGHTING SYSTEM

A2 A2

SALS/SALSF



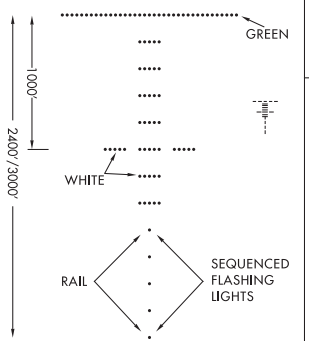
(High Intensity)
LENGTH 1500 FEET

SIMPLIFIED SHORT APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

A3

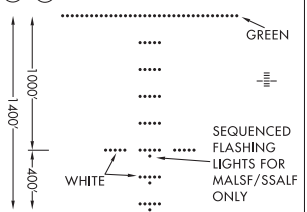
SSALR



(High Intensity)
LENGTH 2400/3000 FEET

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

A4 A4



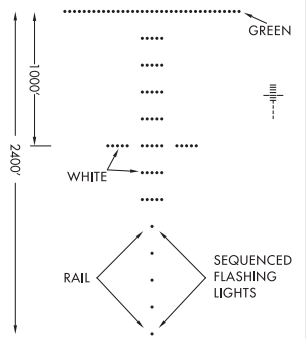
LENGTH 1400 FEET

MEDIUM INTENSITY APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

A5

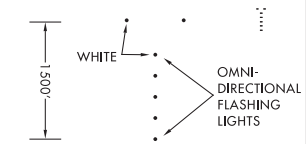
MALSR



LENGTH 2400 FEET

OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM

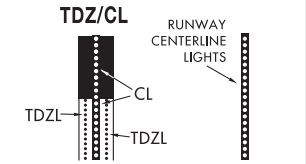
ODALS



LENGTH 1500 FEET

RUNWAY TOUCHDOWN ZONE AND CENTERLINE LIGHTING SYSTEMS

TDZ/CL



AVAILABILITY of TDZ/CL will be shown by NOTE in SKETCH e.g. "TDZ/CL Rwy 15"

SC-5, 12 JUN 2025 to 07 AUG 2025

LEGEND 22195

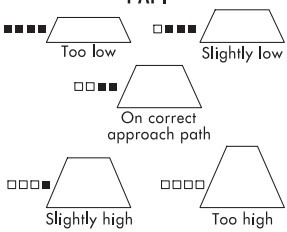
INSTRUMENT APPROACH PROCEDURES (CHARTS)
APPROACH LIGHTING SYSTEM - UNITED STATES

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

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

(P) PRECISION APPROACH PATH INDICATOR

PAPI



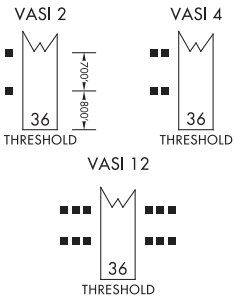
Legend: □ White ■ Red

(V) VISUAL APPROACH SLOPE INDICATOR

VASI

VISUAL APPROACH SLOPE INDICATOR WITH STANDARD THRESHOLD CLEARANCE PROVIDED.

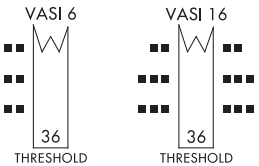
ALL LIGHTS WHITE — TOO HIGH
FAR LIGHTS RED, NEAR LIGHTS WHITE — ON GLIDE SLOPE
ALL LIGHTS RED — TOO LOW



(V3) VISUAL APPROACH SLOPE INDICATOR

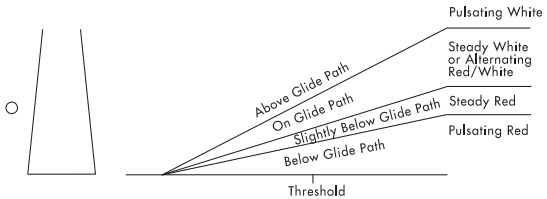
VASI

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



(V2) PULSATING VISUAL APPROACH SLOPE INDICATOR

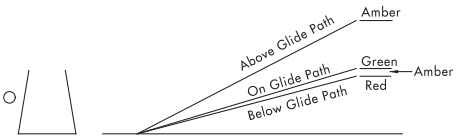
PVASI



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

(V4) TRI-COLOR VISUAL APPROACH SLOPE INDICATOR

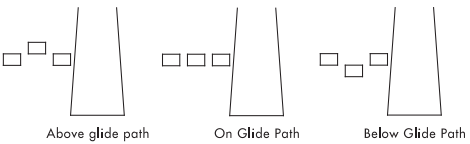
TRCV



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

(V5) ALIGNMENT OF ELEMENTS SYSTEMS

APAP



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

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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

SC-5, 12 JUN 2025 to 07 AUG 2025

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 25107

SC-5, 12 JUN 2025 to 07 AUG 2025

SUPPLEMENTAL TABLES 25107

INSTRUMENT TAKEOFF AND APPROACH PROCEDURE CHARTS
RATE OF DESCENT TABLE

The rate of descent table is provided for use in planning and executingdescents 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 25107

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INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

ANAHUAC, TX
CHAMBERS COUNTY(T00)

TAKEOFF MINIMUMS L
STARS ..... CESAN FOUR (RNAV) Z5
HUDZY FIVE Z18
OHIIO FOUR Z27
SNDAY ONE (RNAV) Z35
TKNIQ THREE (RNAV) Z40
TSHRT TWO Z42
WAPPL SEVEN (RNAV) Z45
IAPS ..... RNAV (GPS) RWY 12 1
DPS ..... BLTWY SEVEN (RNAV) 2
BORRN SIX (RNAV) 3
HOODO SEVEN (RNAV) 5
INDIE EIGHT (RNAV) 6
KARRR SEVEN (RNAV) 7
LURIC EIGHT (RNAV) 9
MMALT SEVEN (RNAV) 10
PALACIOS THREE 11
STRYA EIGHT (RNAV) 13
STYCK EIGHT (RNAV) 14
WATFO SIX (RNAV) 15
WYLSN EIGHT (RNAV) 16

ANGELINA COUNTY
---SEE LUFKIN, TX

ANGLETON/LAKE JACKSON, TX
TEXAS GULF COAST RGNL(LBX)

TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
STARS ..... CESAN FOUR (RNAV) Z5
HUDZY FIVE Z18
KIDDZ FIVE (RNAV) Z20
OHIIO FOUR Z27
SNDAY ONE (RNAV) Z35
TKNIQ THREE (RNAV) Z40
TSHRT TWO Z42
WAPPL SEVEN (RNAV) Z45
IAPS ..... ILS OR LOC RWY 17 17
RNAV (GPS) RWY 17 18
RNAV (GPS) RWY 35 19
DPS ..... ALEXANDRIA THREE 20
BLTWY SEVEN (RNAV) 22
BORRN SIX (RNAV) 23
CRIED ONE 25
EL DORADO ONE 26
GIFFA ONE 27
HOODO SEVEN (RNAV) 28
INDIE EIGHT (RNAV) 29
KARRR SEVEN (RNAV) 30
LEONA FOUR 32
LUFKIN THREE 34
LURIC EIGHT (RNAV) 36
MMALT SEVEN (RNAV) 37
PALACIOS THREE 38
STRYA EIGHT (RNAV) 40
STYCK EIGHT (RNAV) 41
WATFO SIX (RNAV) 42
WYLSN EIGHT (RNAV) 43

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BAY CITY RGNL(BYY)

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WAPPL SEVEN (RNAV) Z45
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RNAV (GPS) RWY 31 45
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BAYTOWN, TX
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STARS ..... CESAN FOUR (RNAV) Z5
HUDZY FIVE Z18
OHIIO FOUR Z27
SNDAY ONE (RNAV) Z35
TKNIQ THREE (RNAV) Z40
TSHRT TWO Z42
WAPPL SEVEN (RNAV) Z45
IAPS ..... RNAV (GPS) RWY 14 54
RNAV (GPS) RWY 32 55
DPS ..... BLTWY SEVEN (RNAV) 56
BORRN SIX (RNAV) 57
HOODO SEVEN (RNAV) 59
INDIE EIGHT (RNAV) 60
KARRR SEVEN (RNAV) 61
LURIC EIGHT (RNAV) 63
MMALT SEVEN (RNAV) 64
PALACIOS THREE 65
STRYA EIGHT (RNAV) 67
STYCK EIGHT (RNAV) 68
WATFO SIX (RNAV) 69
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RWJ AIRPARK(54T)
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HUDZY FIVE Z18
OHIIO FOUR Z27
SNDAY ONE (RNAV) Z35
TKNIQ THREE (RNAV) Z40
TSHRT TWO Z42
WAPPL SEVEN (RNAV) Z45
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DPS ..... BLTWY SEVEN (RNAV) 72
BORRN SIX (RNAV) 73
HOODO SEVEN (RNAV) 75
INDIE EIGHT (RNAV) 76
KARRR SEVEN (RNAV) 77
LURIC EIGHT (RNAV) 79
MMALT SEVEN (RNAV) 80
PALACIOS THREE 81
STRYA EIGHT (RNAV) 83
STYCK EIGHT (RNAV) 84
WATFO SIX (RNAV) 85
WYLSN EIGHT (RNAV) 86

BEAUMONT, TX
BEAUMONT MUNI(BMT)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 13 87
RNAV (GPS) RWY 31 88

BEAUMONT/PORT ARTHUR, TX
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BRENHAM MUNI(11R)
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ALTERNATE MINIMUMS ..... M
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RNAV (GPS) RWY 34 96

BRYAN, TX
COULTER FLD(CFD)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 15 97
RNAV (GPS) RWY 33 98

CALDWELL, TX
CALDWELL MUNI(RWV)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 15 99
RNAV (GPS) RWY 33 100
VOR/DME-A 101

CALHOUN COUNTY
---SEE PORT LAVACA, TX

CENTER, TX
CENTER MUNI(F17)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 17 102
RNAV (GPS) RWY 35 103
NDB RWY 17 104

CHAMBERS COUNTY
---SEE ANAHUAC, TX

CHAMBERS COUNTY/WINNIE STOWELL
---SEE WINNIE/STOWELL, TX

CHEROKEE COUNTY
---SEE JACKSONVILLE, TX

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CLEVELAND, TX
CLEVELAND MUNI(6R3)
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ALTERNATE MINIMUMS ..... M
STARS ..... BAZBL ONE (RNAV) Z3
HUDZY FIVE Z18
OHIIO FOUR Z27
PIEGY ONE (RNAV) Z28
RIICE ONE Z31
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BORRN SIX (RNAV) 107
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COLLEGE STATION, TX
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CONROE/NORTH HOUSTON RGNL
---SEE HOUSTON, TX

COULTER FLD
---SEE BRYAN, TX

CROCKETT, TX
HOUSTON COUNTY(DKR)
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ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 02 130
RNAV (GPS) RWY 20 131

DAVID WAYNE HOOKS MEML
---SEE HOUSTON, TX

EAGLE LAKE, TX
EAGLE LAKE(ELA)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 17 132
RNAV (GPS) RWY 35 133

EASTERWOOD FLD
---SEE COLLEGE STATION, TX

EDNA, TX
JACKSON COUNTY(26R)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 15 134
RNAV (GPS) RWY 33 135

ELLINGTON
---SEE HOUSTON, TX

FAYETTE RGNL AIR CENTER
---SEE LA GRANGE, TX

GALVESTON, TX
SCHOLES INTL AT GALVESTON(GLS)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
STARS ..... CESAN FOUR (RNAV) Z5
HUDZY FIVE Z18
KIDDZ FIVE (RNAV) Z20
OHIIO FOUR Z27
SNDAY ONE (RNAV) Z35
TKNIQ THREE (RNAV) Z40
TSHRT TWO Z42
WAPPL SEVEN (RNAV) Z45
IAPS ..... ILS OR LOC RWY 14 136
RNAV (GPS) RWY 14 137
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GIFFA ONE 151
HOODO SEVEN (RNAV) 152
INDIE EIGHT (RNAV) 153
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---SEE HOUSTON, TX

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HAWTHORNE FLD
---SEE KOUNTZE/SILSBEE, TX

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	RNAV (GPS) RWY 36	171
HOUSTON, TX		
CONROE/NORTH HOUSTON RGNL(CXO)		
TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
HOT SPOT		P
STARS	BAZBL ONE (RNAV)	Z3
	CESAN FOUR (RNAV)	Z5
	HUDZY FIVE	Z18
	OHIIO FOUR	Z27
	PIEGY ONE (RNAV)	Z28
	RIICE ONE	Z31
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	RNAV (GPS) RWY 01	173
	RNAV (GPS) RWY 14	174
	RNAV (GPS) RWY 19	175
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	GIFFA ONE	186
	HOODO SEVEN (RNAV)	187
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	KARRR SEVEN (RNAV)	190
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	LUFKIN THREE	195
	LURIC EIGHT (RNAV)	197
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	STRYA EIGHT (RNAV)	201
	STYCK EIGHT (RNAV)	202
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DAVID WAYNE HOOKS MEML(DWH)		
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ALTERNATE MINIMUMS		M
HOT SPOT		P
STARS	BAZBL ONE (RNAV)	Z3
	HUDZY FIVE	Z18
	OHIIO FOUR	Z27
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	RNAV (GPS) RWY 35L	206
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	BLTWY SEVEN (RNAV)	211
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	HOODO SEVEN (RNAV)	217
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	KARRR SEVEN (RNAV)	220
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	STRYA EIGHT (RNAV)	231
	STYCK EIGHT (RNAV)	232
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INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG
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ELLINGTON(EFD)		
TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
STARS	CESAN FOUR (RNAV)	Z5
	HUDZY FIVE	Z18
	KIDDZ FIVE (RNAV)	Z20
	OHIIO FOUR	Z27
	SNDAY ONE (RNAV)	Z35
	TKNIQ THREE (RNAV)	Z40
	TSHRT TWO	Z42
	WAPPL SEVEN (RNAV)	Z45
IAPS	ILS Z OR LOC Z RWY 17R	235
	ILS Z OR LOC Z RWY 22	236
	ILS Z OR LOC Z RWY 35L	237
	RNAV (GPS) RWY 04	238
	RNAV (GPS) RWY 17R	239
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	EL DORADO ONE	253
	GIFFA ONE	255
	HOODO SEVEN (RNAV)	256
	INDIE EIGHT (RNAV)	257
	KARRR SEVEN (RNAV)	258
	LEONA FOUR	260
	LUFKIN THREE	262
	LURIC EIGHT (RNAV)	264
	MMALT SEVEN (RNAV)	265
	PALACIOS THREE	266
	STRYA EIGHT (RNAV)	268
	STYCK EIGHT (RNAV)	269
	WATFO SIX (RNAV)	270
	WYLSN EIGHT (RNAV)	271

NAME	PROC	SECT PG
HOUSTON, TX(CON'T)		
GEORGE BUSH INTCNTL/HOUSTON(IAH)		
TAKEOFF MINIMUMS		L
LAHSO		O
STARS	BAZBL ONE (RNAV)	Z3
	DOOBI THREE (RNAV)	Z7
	DRLLR FIVE (RNAV)	Z8
	DUUUK THREE	Z10
	GESNR TWO (RNAV)	Z12
	GILCO FIVE	Z14
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ILS OR LOC RWY 26L 276
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IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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.

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 verbally request approval from ATC 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.

SC-5, 12 JUN 2025 to 07 AUG 2025

ANAHUAC, TX

CHAMBERS COUNTY (T00)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10MAR11 (11069) (FAA)

TAKEOFF MINIMUMS:

Rwys 17,35, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 12, vehicles on roadway beginning 19' from DER, left and right of centerline, up to 15' AGL/34' MSL.
Trees beginning 986' from DER, 732' left of centerline, up to 100' AGL/119' MSL.
Rwy 30, trees beginning 60' from DER, left and right of centerline, up to 100' AGL/124' MSL.
Vehicles on roadway 121' from DER, 512' right of centerline, up to 17' AGL/36' MSL.
Tower 2152' from DER, 593' right of centerline 60' AGL/83' MSL.

ANGLETON/LAKE JACKSON, TX

TEXAS GULF COAST RGNL (LBX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 22JUN17 (17173) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 35, tree 1330’ from DER, 797’ left of centerline, 71’ MSL.
Tree 1404’ from DER, 796’ left of centerline, 73’ MSL.
Trees beginning 1467’ from DER, 788’ left of centerline, up to 75’ MSL.
Tree 1474’ from DER, 670’ right of centerline, 72’ MSL.
Tree 1516’ from DER, 684’ right of centerline, 73’ MSL.
Tree 1578’ from DER, 759’ right of centerline, 74’ MSL.

BAY CITY, TX

BAY CITY RGNL (BYY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 22JUN17 (17173) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, trees and poles beginning 51' from DER, 306' left of centerline, up to 91' MSL.
Tree 337' from DER, 442' right of centerline, 79' MSL. Tree 478' from DER, 473' right of centerline, 83' MSL.
Trees beginning 714' from DER, 496' right of centerline, up to 86' MSL.
Rwy 31, tree 102' from DER, 340' right of centerline, 61' MSL.
Tree 548' from DER, 272' left of centerline, 59' MSL.
Tree 944' from DER, 272' right of centerline, 70' MSL.
Trees beginning 1002' from DER, 255' right of centerline, up to 78' MSL.
Tree 1139' from DER, 750' right of centerline, 80' MSL.

BAYTOWN, TX

BAYTOWN (HPY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 10OCT19 (19283) (FAA)

TAKEOFF MINIMUMS:

Rwy 14, 300-1 or std. w/min. climb of 460' per NM to 300.

TAKEOFF OBSTACLE NOTES:

Rwy 14, tree 9' from DER, 214' left of centerline, 47' MSL.
Trees, poles, traverse way beginning 11' from DER, 33'right of centerline, up to 54' MSL.
Tree 89' from DER, 413' left of centerline, 51' MSL.
Poles, building, trees, traverse way beginning 122' from DER, 9' left of centerline, up to 58' MSL.
Trees, poles beginning 316' from DER, 158' left of centerline, up to 66' MSL.
Poles, trees beginning 462' from DER, 237' left of centerline, up to 67' MSL.
Tree 977' from DER, 447' left of centerline, 68' MSL.
Tree 1223' from DER, 90' left of centerline, 70' MSL.
Tree 1356' from DER, 427' left of centerline, 72' MSL.
Tree 1467' from DER, 531' right of centerline, 80' MSL.
Tree 1886' from DER, 558' left of centerline, 91' MSL.
Tower 4066' from DER, 1217' right of centerline, 156' AGL/180' MSL.
Rwy 32, trees, building, fence, poles beginning 131' from DER, 6' right of centerline, up to 76' MSL.
Buildings beginning 251' from DER, 38' left of centerline, up to 42' MSL.
Poles, building, trees, traverse way beginning 289' from DER, 4' left of centerline, up to 38' AGL/71' MSL.
Poles, trees beginning 688' from DER, 70' right of centerline, up to 48' AGL/80' MSL.

RWJ AIRPARK (54T)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 25APR19 (19115) (FAA)

TAKEOFF MINIMUMS:

Rwys 14, 32, NA - Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 8, trees beginning 21' from DER, 152' left of centerline, up to 100' AGL/129' MSL.
Vehicle on road beginning 100' from DER, crossing centerline, up to 15' AGL/44' MSL.
Fence beginning abeam DER, 115' right of centerline, up to 6' AGL/35' MSL.
Trees beginning 133' from DER, 333' right of centerline, up to 100' AGL/129' MSL.
Buildings beginning 266' from DER, left and right of centerline, up to 30' AGL/59' MSL.
Power lines beginning 356' from DER, 460' left of centerline, up to 32' AGL/61' MSL.
Pole 663' from DER, 188' right of centerline, 100' AGL/129' MSL.
Rwy 26, buildings beginning 47' from DER, 118' right of centerline, up to 30' AGL/64' MSL.
Buildings beginning 187' from DER, 85' left of centerline, up to 30' AGL/64' MSL.
Power lines beginning 407' from DER, crossing centerline, up to 32' AGL/66' MSL.
Vehicle on road beginning 448' from DER, crossing centerline, up to 15' AGL/49' MSL.
Trees beginning 619' from DER, left and right of centerline, up to 100' AGL/134' MSL.
Quarry equipment 2800' from DER, 193' right of centerline, up to 100' AGL/134' MSL.

BEAUMONT, TX

BEAUMONT MUNI (BMT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15JAN09 (09015) (FAA)

TAKEOFF MINIMUMS:

Rwys 16,34, NA - Obstacles.

TAKEOFF OBSTACLE NOTES:

Rwy 13, multiple trees, poles and buildings beginning 82' from DER, 2' left of centerline, up to 74' AGL/106' MSL.
Multiple trees, poles and signs beginning 441' from DER, 22' right of centerline, up to 73' AGL/105' MSL.
Vehicle on road 152' from DER, 428' left of centerline, 15' AGL/46' MSL.
Train on railroad 545' from DER, 506' right of centerline, 23' AGL/57' MSL.
Rwy 31, multiple trees, poles and transmission line towers beginning 81' from DER, 2' left of centerline, up to 64' AGL/94' MSL.
Multiple trees, poles, and transmission line towers beginning 241' from DER, 4' right of centerline, up to 56' AGL/88' MSL.
Train on railroad 375' from DER, 354' right of centerline, 23' AGL/55' MSL.

BEAUMONT/PORT ARTHUR, TX

JACK BROOKS RGNL (BPT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 17DEC09 (09351) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 12, multiple trees beginning 1024' from DER, 202' left of centerline, up to 43' AGL/48' MSL.
Trees 1676' from DER, 778' right of centerline, 51' AGL/56' MSL.
Rwy 16, multiple trees beginning 580' from DER, 519' right of centerline, up to 51' AGL/56' MSL.
Rwy 30, trees 1005' from DER, 629' right of centerline, 54' AGL/64' MSL.
Multiple trees beginning 1041' from DER, 617' left of centerline, up to 67' AGL/77' MSL.
Rwy 34, building 770' from DER, 386' right of centerline, 28' AGL/38' MSL.
Multiple trees beginning 1274' from DER, 398' right of centerline, up to 70' AGL/80' MSL.
Multiple trees beginning 1288' from DER, 218' left of centerline, up to 72' AGL/82' MSL.
Tower 1487' from DER, 398' right of centerline, 60' AGL/75' MSL.

BRENHAM, TX

BRENHAM MUNI (11R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 11FEB10 (10042) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 16, trees and poles beginning 45' from DER, 272' right of centerline to 305' left of centerline, up to 89' AGL/299' MSL.
Rwy 34, trees beginning 18' from DER, 325' right of centerline to 380' left of centerline, up to 61' AGL/351' MSL.

BRYAN, TX

COULTER FLD (CFD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05JUL07 (22139) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 15, vehicle on road 266' from DER, on centerline, 17' AGL/386' MSL.
Multiple trees and poles beginning 169' from DER, 339' right of centerline, up to 20' AGL/389' MSL.
Multiple trees and poles beginning 203' from DER, 245' left of centerline, up to 35' AGL/400' MSL.
Rwy 33, multiple poles and T-L towers beginning 36' from DER, 207' left of centerline, up to 35' AGL/382' MSL.
Trees 508' from DER, 290' right of centerline, 25' AGL/371' MSL.

CALDWELL, TX

CALDWELL MUNI (RWV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20SEP12 (12264) (FAA)

TAKEOFF MINIMUMS:

Rwy 33, 300-1 or std. w/min. climb of 778' per NM to 800.

TAKEOFF OBSTACLE NOTES:

Rwy 15, trees beginning 323' from DER, left and right of centerline, up to 40' AGL/399' MSL.
Train on tracks 372' from DER, left and right of centerline, up to 23' AGL/382' MSL.
Power lines beginning 1896' from DER, left and right of centerline, up to 100' AGL/499' MSL.
Rwy 33, trees beginning 5' from DER, left and right of centerline, up to 40' AGL/449' MSL.
Power lines beginning 925' from DER, left and right of centerline, up to 50' AGL/499' MSL.
Water tank 3624' from DER, 1031' left of centerline 215' AGL/648' MSL.

CENTER, TX

CENTER MUNI (F17)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29JUL10 (10210) (FAA)

DEPARTURE PROCEDURE:

Rwy 17, climb heading 167° to 1000 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 17, numerous trees beginning 326' from DER, 432' right and left of centerline, up to 100' AGL/414' MSL.
Vehicle on road 234' from DER, 530' left of centerline, up to 15' AGL/314' MSL.
Rwy 35, numerous trees beginning 1724' from DER, 388' left and right of centerline, up to 100' AGL/459' MSL. Vehicle on road 1091' from DER, 742' right of centerline, up to 15' AGL/354' MSL.

CLEVELAND, TX

CLEVELAND MUNI (6R3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 22SEP11 (11265) (FAA)

DEPARTURE PROCEDURE:

Rwy 16, climb heading 157° to 1400 before turning right.

Rwy 34, climb heading 312° to 2000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 16, trees beginning abeam DER, right and left of centerline, up to 100' AGL/239' MSL.

Rwy 34, trees beginning 120' from DER, 243' left of centerline, up to 100' AGL/259' MSL.

Trees and poles beginning 225' from DER, 363' right of centerline, up to 100' AGL/220' MSL.

Vehicles on road 738' from DER, right and left of centerline, up to 19' AGL/169' MSL.

COLLEGE STATION, TX

EASTERWOOD FLD (CLL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 28FEB19 (21112) (FAA)

DEPARTURE PROCEDURE:

Rwy 35, climb heading 346° to 900 before turning right .

TAKEOFF OBSTACLE NOTES:

Rwy 11, traverse way 5' from DER, 275' right of centerline, 322' MSL.

Tree 8' from DER, 497' right of centerline, 40' AGL/346' MSL.

Tree 10' from DER, 323' right of centerline, 39' AGL/347' MSL.

Pole 10' from DER, 55' left of centerline, 2' AGL/312' MSL.

Tree, traverse way beginning 44' from DER, 162' right of centerline, up to 44' AGL/352' MSL.

Electrical system 139' from DER, 498' left of centerline, 315' MSL.

Tree 496' from DER, 30' left of centerline, 42' AGL/325' MSL.

Trees beginning 497' from DER, 101' left of centerline, up to 331' MSL.

Elevator, building beginning 1888' from DER, 704' left of centerline, up to 64' AGL/366' MSL.

Transmission line 2483' from DER, 1148' left of centerline, 374' MSL.

Rwy 29, pole 11' from DER, 55' right of centerline, 1' AGL/320' MSL.

Tree 30' from DER, 414' left of centerline, 322' MSL.

Tree 135' from DER, 530' left of centerline, 343' MSL.

Trees beginning 305' from DER, 533' left of centerline, up to 361' MSL.

Trees beginning 536' from DER, 561' right of centerline, up to 346' MSL.

Tree 838' from DER, 665' right of centerline, 348' MSL.

Trees beginning 1010' from DER, 371' left of centerline, up to 362' MSL.

Pole beginning 1083' from DER, 692' right of centerline, up to 358' MSL.

Trees beginning 1174' from DER, 244' left of centerline, up to 363' MSL.

Tree, pole beginning 1257' from DER, 251' left of centerline, up to 365' MSL.

Trees beginning 1429' from DER, 420' right of centerline, up to 366' MSL.

Trees beginning 1542' from DER, 528' right of centerline, up to 370' MSL.

Pole beginning 1735' from DER, 278' left of centerline, up to 42' AGL/367' MSL.

Trees beginning 1865' from DER, 87' right of centerline, up to 379' MSL.

Tree, pole beginning 1879' from DER, 37' left of centerline, up to 49' AGL/369' MSL.

Trees beginning 1945' from DER, 65' left of centerline, up to 48' AGL/371' MSL.

Tree 2059' from DER, 378' left of centerline, 372' MSL.

Rwy 35, pole 11' from DER, 55' left of centerline, 1' AGL/321' MSL.

Sign 23' from DER, 251' left of centerline, 322' MSL.

Tree 232' from DER, 552' left of centerline, 38' AGL/361' MSL.

Trees beginning 297' from DER, 460' left of centerline, up to 41' AGL/364' MSL.

Tree 774' from DER, 598' right of centerline, 341' MSL.

Tree 808' from DER, 607' right of centerline, 349' MSL.

Tree, building beginning 883' from DER, 235' left of centerline, up to 366' MSL.

Tree 1085' from DER, 649' right of centerline, 355' MSL.

Tree 1181' from DER, 719' right of centerline, 356' MSL.

Pole 1552' from DER, 818' left of centerline, 376' MSL.

Trees beginning 1740' from DER, 751' left of centerline, up to 380' MSL.

CROCKETT, TX

HOUSTON COUNTY (DKR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15DEC11 (11349) (FAA)

TAKEOFF MINIMUMS:

Rwy 2, 400-2 or std. w/min. climb of 280' per NM to 800.

Rwy 20, 300-1½ or std. w/min. climb of 459'per NM to 700.

TAKEOFF OBSTACLE NOTES:

Rwy 2, multiple trees beginning 57' from DER, 61' right of centerline, up to 50' AGL/399' MSL.

Multiple trees and terrain beginning 27' from DER, 109' left of centerline, up to 50' AGL/409' MSL.

Tower 1.5 NM from DER, 2864' left of centerline 233' AGL/623' MSL.

Rwy 20, multiple towers beginning 4567' from DER, 1025' right of centerline, up to 200' AGL/529' MSL.

EAGLE LAKE, TX

EAGLE LAKE (ELA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05DEC19 (19339) (FAA)

TAKEOFF MINIMUMS:

Rwy 17, 300-2¼, or std. w/min. climb of 210' per NM to 400.

TAKEOFF OBSTACLE NOTES:

Rwy 17, vehicles on road, tree, vegetation beginning 38' from DER, 126' left of centerline, up to 197' MSL.
Tree 153' from DER, 110' left of centerline, 202' MSL.
Vehicles on road, tree beginning 155' from DER, 6' right of centerline, up to 197' MSL.
Trees beginning 155' from DER, 12' left of centerline, up to 36' AGL/216' MSL.
Trees, vehicles on road beginning 216' from DER, 205' right of centerline, up to 212' MSL.
Trees beginning 270' from DER, 357' left of centerline, up to 40' AGL/220' MSL.
Tree 1682' from DER, 458' left of centerline, 233' MSL.
Tower 2588' from DER, 792' left of centerline, 192' AGL/317' MSL.
Tower 1.7 NM from DER, 3144' right of centerline, 270' AGL/443' MSL.
Rwy 35, terrain beginning 5' from DER, 287' left of centerline, up to 186' MSL.
Terrain 9' from DER, 270' right of centerline, 185' MSL.
Trees beginning 96' from DER, 271' right of centerline, up to 17' AGL/199' MSL.
Vegetation 116' from DER, 366' left of centerline, 193' MSL.
Trees, vehicles on road, pole beginning 323' from DER, 127' left of centerline, up to 219' MSL.
Tree 641' from DER, 21' right of centerline, 200' MSL.
Tree 696' from DER, 31' right of centerline, 202' MSL.
Tree, vehicles on road beginning 702' from DER, 16' right of centerline, up to 207' MSL.
Pole 1055 ' from DER, 441' right of centerline, 219' MSL.
Tree, poles beginning 1062' from DER, 580' right of centerline, up to 223' MSL.

EDNA, TX

JACKSON COUNTY (26R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10DEC15 (15344) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 15, trees beginning 758' from DER, left and right of centerline, up to 20' AGL/84' MSL.
Rwy 33, vehicle on road beginning 292' from DER, 576' left of centerline, up to 15' AGL/79' MSL.
Power poles beginning 783' from DER, 397' left of centerline, 40' AGL/104' MSL.
Power pole 1169' from DER, 506' right of centerline, 40' AGL/104' MSL.

GALVESTON, TX

SCHOLES INTL AT GALVESTON (GLS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 22AUG13 (13234) (FAA)

DEPARTURE PROCEDURE:

Rwy 32, climb heading 318° to 800 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 14, building 2614' from DER, 376' right of centerline, 76' AGL/81' MSL.
Rwy 18, buildings beginning 2560' from DER, 284' left of centerline, up to 121' AGL/178' MSL.
T-L tower 636' from DER, 551' right of centerline, 55' AGL/60' MSL.
Trees and poles beginning 50' from DER, 75' right of centerline, up to 60' AGL/65' MSL.
Rwy 32, crane 4434' from DER, 1081' left of centerline, 131' AGL/131' MSL.
Rwy 36, bush 419' from DER, 577' left of centerline, 12' AGL/17' MSL.
Tree 526' from DER, 371' left of centerline, 14' AGL/19' MSL.
Trees beginning 713' from DER, 383' right of centerline, up to 27' AGL/32' MSL.

GIDDINGS, TX

GIDDINGS-LEE COUNTY (GYB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29JUL10 (10210) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 17, numerous trees beginning 720' from DER, 58' right of centerline, up to 50' AGL/479' MSL.
Numerous trees beginning 754' from DER, 340' left of centerline, up to 50' AGL/479' MSL.
Rwy 35, numerous trees beginning 613' from DER, 272' right of centerline, up to 50' AGL/539' MSL.
Numerous trees beginning 558' from DER, 265' left of centerline, up to 50' AGL/559' MSL.
Vehicle on road 516' from DER, 246' left of centerline, 15' AGL/514' MSL.

HOUSTON, TX

CONROE/NORTH HOUSTON RGNL (CXO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 22JUN17 (21336) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 1, tree 829' from DER, 548' right of centerline, 297' MSL.
Tree 1252' from DER, 553' right of centerline, 312' MSL.
Trees beginning 1609' from DER, 300' left of centerline, up to 322' MSL.
Trees beginning 3635' from DER, 464' left of centerline, up to 327' MSL.
Tree 3830' from DER, 580' right of centerline, 347' MSL.
Tree 4658' from DER, 135' right of centerline, 348' MSL.
Rwy 14, NAVAID 399' from DER, 266' right of centerline, 20' AGL/255' MSL.
Tree 1478' from DER, 691' right of centerline, 291' MSL.
Tree 1653' from DER, 682' left of centerline, 294' MSL.
Tree 2129' from DER, 80' right of centerline, 306' MSL.
Tree 2153' from DER, 407' left of centerline, 300' MSL.
Rwy 19, tree 1' from DER, 474' left of centerline, 292' MSL.
Trees beginning 16' from DER, 264' left of centerline, up to 295' MSL.
Tree 67' from DER, 322' right of centerline, 263' MSL.
Trees beginning 855' from DER, 324' right of centerline, up to 303' MSL.
Trees beginning 2139' from DER, 65' right of centerline, up to 316' MSL.
Trees beginning 2365' from DER, 331' left of centerline, up to 312' MSL.
Trees beginning 2475' from DER, 158' left of centerline, up to 315' MSL.
Tree 3423' from DER, 123' right of centerline, 323' MSL.

DAVID WAYNE HOOKS MEML (DWH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 20APR23 (23110) (FAA)

TAKEOFF MINIMUMS:

Rwys 17L, 35R, NA-Environmental.
Waterways 17, 35, NA-Air traffic.

TAKEOFF OBSTACLE NOTES:

Rwy 17R, trees, pole beginning 84' from DER, 294' right of centerline, up to 189' MSL.
Building 432' from DER, 526' left of centerline, 27' AGL/172' MSL.
Building, NAVAID beginning 643' from DER, 256' left of centerline, up to 29' AGL/173' MSL.
Trees beginning 708' from DER, 430' left of centerline, up to 188' MSL.
Tree 1383' from DER, 860' right of centerline, 190' MSL.
Tree 1514' from DER, 164' left of centerline, 189' MSL.
Trees beginning 1648' from DER, 394' left of centerline, up to 197' MSL.
Trees beginning 2100' from DER, 67' left of centerline, up to 214' MSL.
Tree 2407' from DER, 188' left of centerline, 215' MSL.
Tree 2469' from DER, 81' left of centerline, 217' MSL.
Trees beginning 2743' from DER, 163' left of centerline, up to 220' MSL.
Rwy 35L, building, pole, tree beginning 85' from DER, 68' left of centerline, up to 48' AGL/202' MSL.
Tree, vehicle on road beginning 100' from DER, on centerline, up to 175' MSL.
Tree 487' from DER, 488' right of centerline, 200' MSL.
Trees beginning 750' from DER, 123' right of centerline, up to 203' MSL.
Tree, building, pole beginning 797' from DER, 42' left of centerline, up to 211' MSL.
Tree, pole beginning 868' from DER, 144' right of centerline, up to 228' MSL.
Tree 898' from DER, 283' left of centerline, 223' MSL.
Tree, pole beginning 930' from DER, 31' left of centerline, up to 226' MSL.
Trees beginning 1190' from DER, 613' right of centerline, up to 233' MSL.
Tree 1266' from DER, 330' left of centerline, 228' MSL.
Tree 1333' from DER, 76' left of centerline, 231' MSL.
Tree, building, transmission line beginning 1342' from DER, 152' left of centerline, up to 233' MSL.
Transmission line, tree beginning 1428' from DER, 245' right of centerline, up to 107' AGL/254' MSL.
Building 1649' from DER, 252' left of centerline, 48' AGL/199' MSL.
Tree, transmission line beginning 2084' from DER, 569' left of centerline, up to 238' MSL.

ELLINGTON (EFD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 10JAN13 (13010) (FAA)

TAKEOFF MINIMUMS:

Rwy 22, 200-1¼ or std w/min. climb of 214' per NM to 300, or alternatively with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1400' prior to DER.

TAKEOFF OBSTACLE NOTES:

Rwy 4, tree 1526' from DER, 737' right of centerline, 39' AGL/69' MSL.
Rwy 17R, pole 1488' from DER, 817' right of centerline, 40' AGL/74' MSL.
Rwy 22, obstruction light on GS and equipment 321' from DER, 544' left of centerline, 39' AGL/68' MSL.
Sign 213' from DER, 472' right of centerline, 6' AGL/32' MSL.
Antenna on building 1998' from DER, 598' right of centerline, 54' AGL/83' MSL.
Obstruction light on communication equipment and antenna 1626' from DER, 837' right of centerline, 88' AGL/114' MSL.
Obstruction light on water tower and tank 6114' from DER, 1635' right of centerline,159' AGL/192' MSL.

CON'T

HOUSTON, TX (CON'T)

ELLINGTON (EFD) (CON'T)

Rwy 35L, trees beginning 1119' from DER, 679' right of centerline, up to 37' AGL/77' MSL.
Crane 2353' from DER, 1024' left of centerline, 58' AGL/97' MSL.
Rwy 35R, tree 1597' from DER, 32' left of centerline, 50' AGL/80' MSL.
Tank 2639' from DER, 1157' right of centerline, 77' AGL/109' MSL.

GEORGE BUSH INTCNTL/HOUSTON (IAH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 05JUN08 (21112) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 8L, tree 2866' from DER, 921' left of centerline, 107' AGL/201' MSL.
Multiple trees beginning 2750' from DER, 106' right of centerline, up to 80' AGL/174' MSL.
Rwy 15L, multiple trees 2638' from DER, 758' right of centerline, up to 76' AGL/160' MSL.
Rwy 15R, tower 1431' from DER, 591' left of centerline, 48' AGL/133' MSL.
Antenna on glideslope 1469' from DER, 621' left of centerline, 49' AGL/133' MSL.
Rwy 26R, pole 950' from DER, 660' right of centerline, 40' AGL/129' MSL.
Rwy 33R, tree 2868' from DER, 1027' right of centerline, 73' AGL/172' MSL.

HOUSTON EXEC (TME)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 30AUG07 (21112) (FAA)

DEPARTURE PROCEDURE:
Rwy 36, climb heading 355° to 700 before turning east.

TAKEOFF OBSTACLE NOTES:
Rwy 36, power poles from left to right beginning 703' from DER, 623' left to 685' right of centerline, up to 32' AGL/196' MSL.

HOUSTON/SOUTHWEST (AXH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 5 05JUN08 (21336) (FAA)

DEPARTURE PROCEDURE:
Rwy 9, climb heading 089° to 2000 before turning left.
Rwy 27, climb heading 269° to 2200 before turning right.

TAKEOFF OBSTACLE NOTES:
Rwy 9, multiple hangars beginning 239' from DER, 360' right of centerline, up to 42' AGL/106' MSL.
Multiple trees beginning 501' from DER, 355' right of centerline, up to 43' AGL/111' MSL.
Multiple hangars beginning 119' from DER, 498' left of centerline, up to 41' AGL/105' MSL.
Pole 332' from DER, 299' left of centerline, 43' AGL/97' MSL.
Antenna 1172' from DER, 658' left of centerline, 51' AGL/115' MSL.
Multiple trees beginning 558' from DER, 68' left of centerline, up to 58' AGL/122' MSL.
Rwy 27, multiple trees beginning 1050' from DER, 40' left of centerline, up to 71' AGL/140' MSL.
Vehicle and road 99' from DER, 291' right of centerline, 15' AGL/83' MSL.
Multiple trees beginning 873' from DER, 514' right of centerline, up to 59' AGL/130' MSL.
Multiple transmission poles beginning 1304' from DER, 131' right of centerline, up to 41' AGL/110' MSL.

PEARLAND RGNL (LVJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 4 03APR14 (14093) (FAA)

DEPARTURE PROCEDURE:
Rwy 14, climb heading 142° to 1600 before turning right.
Rwy 32, climb heading 322° to 700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 14, vehicles on road beginning 11' from DER, 450' right of centerline, up to 15' AGL/54' MSL.
Hangers 99' from DER, 521' left of centerline, up to 13' AGL/53' MSL.
Trees beginning 102' from DER, 328' left of centerline, up to 27' AGL/71' MSL.
Trees beginning 199' from DER, 307' right of centerline, up to 64' AGL/98' MSL.
Vehicles on road beginning 364' from DER, left and right of centerline, up to 15' AGL/59' MSL.
Trees beginning 618' from DER, 331' left of centerline, up to 32' AGL/71' MSL.
Trees beginning 983' from DER, 94' right of centerline, up to 20' AGL/90' MSL.
Trees beginning 1251' from DER, 72' left of centerline, up to 60' AGL/94' MSL.
Rwy 32, multiple trees beginning 30' from DER, 142' right of centerline, up to 59' AGL/100' MSL.
Multiple trees beginning 41' from DER, 200' left of centerline, up to 74' AGL/118' MSL.
Pole 68' from DER, 107' right of centerline, 26' AGL/70' MSL.
Multiple buildings and poles beginning 103' from DER, 235' right of centerline, up to 34' AGL/78' MSL.
Vehicles on road 513' from DER, left and right of centerline, 15' AGL/59' MSL.
Multiple poles and trees beginning 605' from DER, left and right of centerline up to 84' AGL/128' MSL.

HOUSTON, TX (CON'T)

SUGAR LAND RGNL (SGR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7A 20SEP12 (12264) (FAA)

DEPARTURE PROCEDURE:

Rwy 17, climb heading 170° to 1500 before turning eastbound.

Rwy 35, climb heading 350° to 1100 before turning southbound.

TAKEOFF OBSTACLE NOTES:

Rwy 17, multiple poles beginning 436' from DER, 172' right of centerline, up to 44' AGL/124' MSL.
Railroad 110' from DER, 10' left of centerline, 23' AGL/104' MSL.
Multiple poles beginning 135' from DER, 270' left of centerline, up to 44' AGL/ 111' MSL.
Building 1036' from DER, 743' right of centerline, 26' AGL/102' MSL.
Rwy 35, vehicle and road 65' from DER , 2' right of centerline, 15' AGL/ 96' MSL.
Multiple trees beginning 37' from DER , 275' right of centerline, up to 81' AGL/164' MSL.
DME antenna 380' from DER , 253' right of centerline, 24' AGL/100' MSL.
Multiple trees beginning 83' from DER , 65' left of centerline, up to 81' AGL/155' MSL.

WEST HOUSTON (IWS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 20SEP12 (12264) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 15, road and vehicle beginning 74' from DER, 60' left of centerline, up to 15' AGL/123' MSL.
Road and vehicle beginning 342' from DER, 6' right of centerline, up 15' AGL/123' MSL.
Building 177' from DER, 398' left of centerline, 18' AGL/126' MSL.
Light pole 942' from DER, 453' right of centerline, 39' AGL/145' MSL.
Trees beginning 307' from DER, 26 left of centerline, up to 58' AGL/165' MSL.
Trees beginning 130' from DER, 117' right of centerline, up to 100' AGL/208' MSL.
Rwy 33, trees beginning 168' from DER, 9' left of centerline, up to 70' AGL/179' MSL.
Trees beginning 66' from DER, 3' right of centerline, up to 75' AGL/184' MSL.

WILLIAM P HOBBY (HOU)

AMDT 7A 07OCT21 (21280) (FAA)

TAKEOFF MINIMUMS:

Rwy 22, std. w/min. climb of 290' per NM to 2700.

DEPARTURE PROCEDURE:

Rwys 31L/R, climb on heading 311° to 800 before turning westbound.

TAKEOFF OBSTACLE NOTES:

Rwy 4, lighting beginning 2' from DER, 85' left of centerline, up to 1' AGL/39' MSL.
Lighting beginning 2' from DER, 84' right of centerline, up to 1' AGL/39' MSL.
Lighting beginning 9' from DER, 4' left of centerline, up to 1' AGL/40' MSL.
Lighting beginning 9' from DER, 5' right of centerline, up to 1' AGL/40' MSL.
Building 1562' from DER, 858' right of centerline, 69' AGL/103' MSL.
Tree 2399' from DER, 154' left of centerline, 66' AGL/99' MSL.
Pole beginning 4403' from DER, 767' right of centerline, up to 121' AGL/166' MSL.
Rwy 13L, tree, lighting, sign beginning 3' from DER, 39' right of centerline, up to 75' AGL/115' MSL.
Lighting beginning 9' from DER, 39' left of centerline, up to 1' AGL/40' MSL.
Sign 26' from DER, 149' left of centerline, 2' AGL/42' MSL.
Trees, building, tree beginning 174' from DER, 9' left of centerline, up to 75' AGL/115' MSL.
Trees beginning 423' from DER, 24' right of centerline, up to 75' AGL/118' MSL.
Trees beginning 2389' from DER, 55' left of centerline, up to 75' AGL/118' MSL.
Trees 2448' from DER, 1149' right of centerline, 75' AGL/121' MSL.
Rwy 13R, lighting beginning 12' from DER, 85' right of centerline, up to 1' AGL/42' MSL.
Lighting beginning 12' from DER, 94' left of centerline, up to 1' AGL/42' MSL.
Lighting 41' from DER, 115' left of centerline, 3' AGL/44' MSL.
Lighting 42' from DER, 114' right of centerline, 2' AGL/43' MSL.
Fence 87' from DER, 492' left of centerline, 7' AGL/45' MSL.
Traverse way 178' from DER, 497' left of centerline, 55' MSL.
Traverse way 516' from DER, 542' right of centerline, 55' MSL.
Pole, tree beginning 752' from DER, 686' left of centerline, up to 50' AGL/90' MSL.
Trees beginning 1113' from DER, 737' right of centerline, up to 58' AGL/98' MSL.
Tree 1930' from DER, 905' left of centerline, 50' AGL/92' MSL.
Tree 2313' from DER, 948' right of centerline, 58' AGL/101' MSL.
Tree 2365' from DER, 1030' right of centerline, 59' AGL/105' MSL.
Tree 2716' from DER, 1128' right of centerline, 70' AGL/117' MSL.
Rwy 22, lighting beginning 5' from DER, 84' right of centerline, up to 1' AGL/43' MSL.
Pole, tree beginning 727' from DER, 626' right of centerline, up to 34' AGL/77' MSL.
Pole 1353' from DER, 776' left of centerline, 38' AGL/82' MSL.
Pole 1804' from DER, 968' right of centerline, 64' AGL/109' MSL.
Pole 2942' from DER, 1189' right of centerline, 72' AGL/117' MSL.

CON'T

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HOUSTON, TX (CON'T)

WILLIAM P HOBBY (HOU) (CON'T)

Rwy 31L, lighting 9' from DER, 94' right of centerline, 1' AGL/45' MSL.
Lighting beginning 9' from DER, 85' left of centerline, up to 1' AGL/45' MSL.
Electrical system 135' from DER, 482' left of centerline, 7' AGL/50' MSL.
Pole 190' from DER, 508' left of centerline, 40' AGL/83' MSL.
Pole, building beginning 359' from DER, 411' left of centerline, up to 39' AGL/84' MSL.
Building 547' from DER, 273' right of centerline, 27' AGL/69' MSL.
Tree 1391' from DER, 466' left of centerline, 89' MSL.
Tree 2585' from DER, 702' left of centerline, 83' AGL/121' MSL.
Rwy 31R, sign beginning 29' from DER, 82' left of centerline, up to 2' AGL/47' MSL.
Trees, pole beginning 60' from DER, 308' right of centerline, up to 75' AGL/121' MSL.
Building 499' from DER, 525' left of centerline, 27' AGL/69' MSL.

HUNTSVILLE, TX

HUNTSVILLE MUNI (UTS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 16MAY24 (24137) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 18, trees beginning 3' from DER, 341' right of centerline, up to 50' AGL/407' MSL.
Building, sign, vehicle on road beginning 118' from DER, 347' right of centerline, up to 50' AGL/407' MSL.
Pole 955' from DER, 651' left of centerline, 30' AGL/394' MSL.
Vehicle on road 1193' from DER, 375' right of centerline, 34' AGL/411' MSL.
Rwy 36, tree, pole beginning 90' from DER, 438' left of centerline, up to 349' MSL.
Tree, pole beginning 157' from DER, 426' right of centerline, up to 352' MSL.
Tree 1235' from DER, 670' left of centerline, 359' MSL.
Tree 1625' from DER, 351' right of centerline, 355' MSL.
Trees beginning 1797' from DER, 157' right of centerline, up to 382' MSL.
Tree 2235' from DER, 297' left of centerline, 366' MSL.
Trees beginning 2311' from DER, 343' left of centerline, up to 369' MSL.

JACKSONVILLE, TX

CHEROKEE COUNTY (JSO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 16FEB06 (06047) (FAA)

DEPARTURE PROCEDURE:
Rwy 14, climb via heading 135° to 1200 before proceeding on course.

JASPER, TX

JASPER COUNTY/BELL FLD (JAS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 27AUG09 (21336) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 18, trees beginning 2081' from DER, 118' left of centerline, up to 100' AGL/327' MSL.
Trees beginning 690' from DER, 87' right of centerline, up to 100' AGL/329' MSL.
Rwy 36, hangar 320' from DER, 504' left of centerline, 27' AGL/236' MSL.
Trees beginning 534' from DER, 139' left of centerline, up to 100' AGL/329' MSL.
Pole 1968' from DER, 409' left of centerline, 33' AGL/262' MSL.
Bush 94' from DER, 476' right of centerline, 8' AGL/217' MSL.
Trees beginning 514' from DER, 6' right of centerline, up to 100' AGL/354' MSL.
Hangar 1176' from DER, 675' right of centerline, 30' AGL/249' MSL.
Tower 1246' from DER, 611' right of centerline, 40' AGL/258' MSL.

KOUNTZE/SILSBEE, TX

HAWTHORNE FLD (45R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 12JUN25 (25163) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 13, trees beginning 1' from DER, 77' right of centerline, up to 80' AGL/146' MSL.
Tree 26' from DER, 442' left of centerline, 110' MSL.
Tree 43' from DER, 373' left of centerline, 127' MSL.
Trees beginning 110' from DER, 118' left of centerline, up to 80' AGL/146' MSL.
Trees beginning 341' from DER, 319' left of centerline, up to 80' AGL/149' MSL.
Trees beginning 511' from DER, 123' left of centerline, up to 80' AGL/153' MSL.
Trees beginning 634' from DER, 273' right of centerline, up to 80' AGL/149' MSL.
Trees beginning 804' from DER, 67' right of centerline, up to 80' AGL/153' MSL.
Trees beginning 912' from DER, 128' left of centerline, up to 80' AGL/156' MSL.
Trees beginning 1483' from DER, 12' left of centerline, up to 80' AGL/159' MSL.
Trees beginning 1606' from DER, on centerline, up to 80' AGL/156' MSL.
Trees beginning 2258' from DER, 343' left of centerline, up to 178' MSL.
Trees beginning 2387' from DER, 397' left of centerline, up to 182' MSL.

CON'T

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KOUNTZE/SILSBEE, TX (CON'T)

HAWTHORNE FLD (45R) (CON'T)

Rwy 13 (CON'T), trees beginning 2549' from DER, 64' left of centerline, up to 183' MSL.
Rwy 31, trees beginning 183' from DER, 334' right of centerline, up to 126' MSL.
Trees beginning 379' from DER, 295' right of centerline, up to 130' MSL.
Trees beginning 403' from DER, 19' left of centerline, up to 97' MSL.
Trees beginning 421' from DER, 151' right of centerline, up to 133' MSL.
Tree, pole beginning 514' from DER, 42' right of centerline, up to 136' MSL.
Trees beginning 634' from DER, 58' left of centerline, up to 112' MSL.
Trees beginning 736' from DER, 200' left of centerline, up to 114' MSL.
Trees beginning 766' from DER, 17' left of centerline, up to 116' MSL.
Trees beginning 886' from DER, 331' left of centerline, up to 123' MSL.
Trees beginning 968' from DER, 453' left of centerline, up to 137' MSL.
Tree 1049' from DER, 454' left of centerline, 139' MSL.
Trees beginning 1103' from DER, 283' left of centerline, up to 149' MSL.
Trees beginning 1338' from DER, 21' right of centerline, up to 146' MSL.
Tree 1432' from DER, 364' left of centerline, 151' MSL.
Tree 1435' from DER, 455' left of centerline, 159' MSL.
Trees beginning 1486' from DER, 90' left of centerline, up to 162' MSL.
Trees beginning 2047' from DER, 5' right of centerline, up to 158' MSL.
Trees beginning 3169' from DER, 926' left of centerline, up to 167' MSL.
Trees beginning 3246' from DER, 1024' right of centerline, up to 181' MSL.

LA GRANGE, TX

FAYETTE RGNL AIR CENTER (3T5)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13SEP18 (18256) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 16, trees, terrain beginning 146' from DER, 389' right of centerline, up to 45' AGL/378' MSL.
Vehicles on traverse way beginning 199' from DER, 481' left of centerline, up to 15' AGL/336' MSL.
Trees beginning 246' from DER, 454' right of centerline, up to 47' AGL/381' MSL.
Tree 525' from DER, 533' right of centerline, 49' AGL/383' MSL.
Tree 570' from DER, 540' left of centerline, 35' AGL/355' MSL.
Tree, building beginning 760' from DER, 527' right of centerline, up to 45' AGL/384' MSL.
Tree 769' from DER, 569' left of centerline, 43' AGL/361' MSL.
Tree 880' from DER, 524' right of centerline, 45' AGL/386' MSL.
Tree, pole, catenary beginning 926' from DER, 589' right of centerline, up to 48' AGL/390' MSL.
Tree 945' from DER, 532' left of centerline, 45' AGL/364' MSL.
Trees beginning 1005' from DER, 367' left of centerline, up to 46' AGL/365' MSL.
Tree 1183' from DER, 632' right of centerline, 49' AGL/396' MSL.
Trees beginning 1319' from DER, 259' left of centerline, up to 44' AGL/369' MSL.
Trees beginning 1465' from DER, 297' right of centerline, up to 56' AGL/406' MSL.
Trees beginning 1467' from DER, 28' left of centerline, up to 48' AGL/380' MSL.
Tree 1570' from DER, 652' right of centerline, 54' AGL/407' MSL.
Tree, catenary, pole beginning 1625' from DER, 32' right of centerline, up to 56' AGL/411' MSL.
Tree 2052' from DER, 188' left of centerline, 34' AGL/381' MSL.
Tree 2111' from DER, 523' left of centerline, 42' AGL/382' MSL.
Trees beginning 2456' from DER, 51' left of centerline, up to 44' AGL/399' MSL.
Trees beginning 2599' from DER, 5' right of centerline, up to 60' AGL/415' MSL.
Rwy 34, trees beginning 35' from DER, 322' left of centerline, up to 53' AGL/358' MSL.
Tree 200' from DER, 482' right of centerline, 13' AGL/315' MSL.
Tree 262' from DER, 335' right of centerline, 24' AGL/326' MSL.
Trees beginning 310' from DER, 361' right of centerline, up to 29' AGL/331' MSL.
Tree 494' from DER, 396' left of centerline, 58' AGL/360' MSL.
Tree, pole, catenary beginning 513' from DER, 205' left of centerline, up to 61' AGL/365' MSL.
Trees beginning 634' from DER, 389' right of centerline, up to 52' AGL/352' MSL.
Trees beginning 799' from DER, 162' right of centerline, up to 55' AGL/353' MSL.

LA PORTE, TX

LA PORTE MUNI (T41)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 29MAY14 (14149) (FAA)

DEPARTURE PROCEDURE:

Rwy 5, climb heading 046° to 500 before proceeding on course.
Rwy 12, climb heading 121° to 500 before turning right.
Rwy 30, climb heading 301° to 700 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 5, trees beginning 334' from DER, left and right of centerline, up to 67' AGL/91' MSL.
Poles beginning 973' from DER, 387' left of centerline, up to 40' AGL/64' MSL.
Buildings beginning 319' from DER, left and right of centerline, up to 30' AGL/54' MSL.
Stack 2.3 NM from DER, 3296' left of centerline, 300' AGL/334' MSL.
Rwy 12, poles beginning 127' from DER, left and right of centerline, up to 54' AGL/74' MSL.
Trees beginning 183' from DER, 446' right of centerline, up to 40' AGL/60' MSL.

CON'T

LA PORTE, TX (CON'T)

LA PORTE MUNI (T41) (CON'T)

Rwy 12 (CON'T), building 675' from DER, 411' right of centerline, up to 32' AGL/55' MSL.
Trees beginning 888' from DER, 113' right of centerline, up to 43' AGL/63' MSL.
Rwy 23, buildings beginning 30' from DER, 242' left of centerline, up to 30' AGL/54' MSL.
Buildings beginning 231' from DER, 134' right of centerline, up to 30' AGL/54' MSL.
Trees beginning 243' from DER, 494' right of centerline, up to 67' AGL/91' MSL.
Poles beginning 363' from DER, left and right of centerline, up to 40' AGL/64' MSL.
Vehicle on road beginning 493' from DER, 562' left of centerline, up to 15' AGL/39' MSL.
Trees beginning 573' from DER, 292' left of centerline, up to 67' AGL/91' MSL.
Trees beginning 1123' from DER, 69' right of centerline, up to 67' AGL/91' MSL.
Rwy 30, trees beginning 44' from DER, 331' right of centerline, up to 51' AGL/71' MSL.
Pole 114' from DER, 500' left of centerline, 37' AGL/60' MSL.
Buildings beginning 334' from DER, 355' left of centerline, up to 25' AGL/50' MSL.
Trees beginning 367' from DER, 471' left of centerline, up to 37' AGL/57' MSL.
Building 669' from DER, 415' right of centerline, 30' AGL/55' MSL.
Poles beginning 768' from DER, 427' right of centerline, up to 50' AGL/74' MSL.
Trees beginning 1048' from DER, left and right of centerline, up to 67' AGL/87' MSL.

LIBERTY, TX

LIBERTY MUNI (T78)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 29MAY14 (14149) (FAA)

DEPARTURE PROCEDURE:
Rwy 16, climb heading 161° to 1700 before turning left.
Rwy 34, climb heading 341° to 1000 before turning right.

TAKEOFF OBSTACLE NOTES:
Rwy 16, hangars beginning 4' from DER, 340' right of centerline, up to 21' AGL/91' MSL.
Tree 273' from DER, 401' right of centerline, 28' AGL/96' MSL.
Trees beginning 1067' from DER, 122' left of centerline, up to 76' AGL/146' MSL.
Trees and poles beginning 1166' from DER. 48' right of centerline, up to 85' AGL/155' MSL.
Rwy 34, trees beginning 176' from DER, 262' left of centerline, up to 52' AGL/117' MSL.
Poles beginning 427' from DER, 318' right of centerline, up to 40' AGL/105' MSL.
Poles beginning 451' from DER, 236' left of centerline, up to 39' AGL/106' MSL.
Trees beginning 758' from DER, 101' right of centerline, up to 101' AGL/166' MSL.
Trees beginning 1953' from DER, 40' left of centerline, up to 96' AGL/161' MSL.

LIVINGSTON, TX

LIVINGSTON MUNI (00R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 05MAY11 (11125) (FAA)

DEPARTURE PROCEDURE:
Rwy 12, climb heading 125° to 1700 before proceeding on course.
Rwy 30, climb heading 305° to 800 before turning south.

TAKEOFF OBSTACLE NOTES:
Rwy 12, trees beginning at DER, right and left of centerline, up to 100' AGL/249' MSL.
Rwy 30, vehicle on road 10' from DER, 492' right of centerline, 10' AGL/159' MSL.
Trees beginning 260' from DER, 304' right of centerline, up to 100' AGL/249' MSL.

LUFKIN, TX

ANGELINA COUNTY (LFK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 07DEC17 (17341) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 7, trees beginning 109' from DER, 333' right of centerline, up to 354' MSL.
Trees beginning 358' from DER, 293' left of centerline, up to 350' MSL.
Trees beginning 467' from DER, 452' right of centerline, up to 365' MSL.
Trees beginning 513' from DER, 302' left of centerline, up to 381' MSL.
Tree 1470' from DER, 328' right of centerline, 366' MSL.
Trees beginning 1477' from DER, 483' right of centerline, up to 367' MSL.
Trees beginning 1599' from DER, 36' left of centerline, up to 387' MSL.
Trees beginning 1618' from DER, 274' right of centerline, up to 369' MSL.
Trees beginning 1636' from DER, 42' right of centerline, up to 376' MSL.
Trees beginning 1977' from DER, 44' right of centerline, up to 379' MSL.
Trees beginning 3207' from DER, 1351' left of centerline, up to 391' MSL.
Tree 3787' from DER, 965' left of centerline, 395' MSL.
Trees beginning 3798' from DER, 1035' left of centerline, up to 403' MSL.
Rwy 16, trees beginning 6' from DER, 384' left of centerline, up to 56' AGL/324' MSL.
Tree 138' from DER, 529' right of centerline, 284' MSL.
Trees beginning 184' from DER, 3' left of centerline, up to 79' AGL/344' MSL.
Tree 260' from DER, 229' right of centerline, 289' MSL.
Tree, rd (n) beginning 264' from DER, 164' right of centerline, up to 320' MSL.
CON'T

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LUFKIN, TX (CON'T)

ANGELINA COUNTY (LFK) (CON'T)

Rwy 16 (CON'T), trees beginning 1333' from DER, 388' right of centerline, up to 324' MSL.
Trees beginning 1932' from DER, 49' right of centerline, up to 327' MSL.
Tree 2612' from DER, 448' right of centerline, 90' AGL/342' MSL.
Rwy 25, tree 265' from DER, 511' right of centerline, 302' MSL.
Trees beginning 403' from DER, 283' right of centerline, up to 354' MSL.
Trees beginning 407' from DER, 555' left of centerline, up to 299' MSL.
Trees beginning 1375' from DER, 605' left of centerline, up to 328' MSL.
Tree 1627' from DER, 629' left of centerline, 330' MSL.
Tree 2655' from DER, 144' left of centerline, 353' MSL.
Tree 3109' from DER, 417' right of centerline, 362' MSL.
Rwy 34, sign 20' from DER, 200' left of centerline, 1' AGL/290' MSL.
Ldg 48' from DER, 457' right of centerline, 303' MSL.
Tree 95' from DER, 328' right of centerline, 330' MSL.
Trees beginning 166' from DER, 314' right of centerline, up to 54' AGL/338' MSL.
Pole and trees beginning 344' from DER, 310' right of centerline, up to 346' MSL.
Vehicles on road 571' from DER, 3' left of centerline, 312' MSL.
Vehicle on road beginning 579' from DER, 75' right of centerline, up to 306' MSL.
Trees beginning 602' from DER, 166' left of centerline, up to 367' MSL.
Trees beginning 620' from DER, 446' right of centerline, up to 354' MSL.
Tree, pole beginning 809' from DER, 230' right of centerline, up to 361' MSL.
Trees beginning 1249' from DER, 233' right of centerline, up to 364' MSL.

MADISONVILLE, TX

MADISONVILLE MUNI (51R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 26DEC24 (24361) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 1, trees 41' from DER, 453' left of centerline, 50' AGL/333' MSL.
Trees beginning 87' from DER, 195' left of centerline, up to 50' AGL/339' MSL.
Trees beginning 133' from DER, 8' right of centerline, up to 50' AGL/346' MSL.
Trees beginning 385' from DER, 44' left of centerline, up to 50' AGL/342' MSL.
Rwy 19, trees beginning 39' from DER, 32' left of centerline, up to 50' AGL/310' MSL.
Trees beginning 85' from DER, 20' right of centerline, up to 50' AGL/310' MSL.
Trees beginning 773' from DER, 118' right of centerline, up to 50' AGL/313' MSL.
Trees beginning 1738' from DER, 448' left of centerline, up to 50' AGL/313' MSL.

MARLIN, TX

MARLIN (T15)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10JAN13 (13010) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 17, power lines beginning 411' from DER, left and right of centerline, up to 125' AGL/524' MSL.
Building 7' from DER, 155' left of centerline, 30' AGL/439' MSL.
Trees beginning 656' from DER, left and right of centerline, up to 50' AGL/449' MSL.
Building 309' from DER, 100' left of centerline, 30' AGL/439' MSL.
Vehicles in parking lot 364' from DER, on centerline, up to 15' AGL/415' MSL.
Rwy 35, trees 225' from DER, 232' right of centerline, up to 50' AGL/469' MSL.
Trees 181' from DER, 240' left of centerline, up to 50' AGL/459' MSL.
Trees beginning 708' from DER, left and right of centerline, up to 50' AGL/469' MSL.
Vehicles 68' from DER, 347' right of centerline, up to 15' AGL/424' MSL.

MEXIA, TX

MEXIA-LIMESTONE CO (LXY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 11AUG22 (22223) (FAA)

TAKEOFF MINIMUMS:
Rwy 36, 300-2¼ or std. w/min. climb of 259' per NM to 1000, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1700' prior to the DER.

TAKEOFF OBSTACLE NOTES:
Rwy 18, vehicles on road beginning 202' from DER, 400' left of centerline, up to 15' AGL/554' MSL.
Tree 419' from DER, 292' right of centerline, up to 80' AGL/619' MSL.
Rwy 36, trees beginning 179' from DER, 382' right of centerline, up to 80' AGL/619' MSL.
Trees beginning 391' from DER, 315' left of centerline, up to 80' AGL/629' MSL.

NACOGDOCHES, TX

NACOGDOCHES A L MANGHAM JR RGNL (OCH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 22JUN17 (17173) (FAA)

DEPARTURE PROCEDURE:

Rwy 36, climb heading 359° to 1000 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 18, trees 47' from DER, 503' left of centerline, 67' AGL/397' MSL.
Trees 1227' from DER, 580' left of centerline, 52' AGL/382' MSL.
Trees 2234' from DER, 939' right of centerline, 71' AGL/431' MSL.
Rwy 36, trees 252' from DER, 485' left of centerline, 81' AGL/401' MSL.
Trees 792' from DER, 513' left of centerline, 87' AGL/447' MSL.
Trees beginning 1957' from DER, 23' left of centerline, up to 70' AGL/470' MSL.
Trees 207' from DER, 492' right of centerline, 58' AGL/388' MSL.
Multiple OL's and trees beginning 661' from DER, 2' right of centerline, up to 74' AGL/434' MSL.
Multiple trees beginning 2290' from DER, 316' right of centerline, up to 87' AGL/487' MSL.

NAVASOTA, TX

NAVASOTA MUNI (60R)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 02FEB84 (84033) (FAA)

DEPARTURE PROCEDURE:

Rwy 35, climb runway heading to 2100 before turning eastbound.

ORANGE, TX

ORANGE COUNTY (ORG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22OCT09 (09295) (FAA)

TAKEOFF MINIMUMS:

Rwy 4, 400-1¼ or std. w/ min. climb of 425' per NM to 500.
Rwys 13, 31, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees beginning 893' from DER, 513' right of centerline, up to 30' AGL/87' MSL.
Trees beginning 1856' from DER, 550 left of centerline, up to 30' AGL/66' MSL.
Transmission poles beginning 2518' from DER, left and right of centerline, up to 73' AGL/83' MSL.
Tower 6401' from DER, 1900' left of centerline, 283' AGL/298' MSL.
Rwy 22, trees beginning at DER, left and right of centerline, up to 30' AGL/39' MSL.

PALACIOS, TX

PALACIOS MUNI (PSX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 26MAY16 (16147) (FAA)

DEPARTURE PROCEDURE:

Rwy 8, climbing right turn heading 125° to 1800 before proceeding on course.
Rwy 13, climb heading 132° to 1100 before turning left.
Rwy 36, climb heading 357° to 1100 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 31, bush 20' from DER, 296' right of centerline, 6' AGL/16' MSL.

PALESTINE, TX

PALESTINE MUNI (PSN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 30JAN20 (20030) (FAA)

TAKEOFF MINIMUMS:

Rwy 9, 400-3 w/min. climb of 262' per NM to 1200 or std. w/min. climb of 316' per NM to 900 or 1000-3 for VCOA.

VCOA:

Rwy 9, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Palestine Muni at or above 1300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 9, trees beginning 201' from DER, 195' left of centerline, up to 100' AGL/381' MSL.
Trees beginning 207' from DER, 87' right of centerline, up to 100' AGL/378' MSL.
Trees beginning 2276' from DER, 216' left of centerline, up to 100' AGL/384' MSL.
Trees beginning 2535' from DER, 218' left of centerline, up to 100' AGL/388' MSL.
Trees beginning 2538' from DER, 84' right of centerline, up to 100' AGL/388' MSL.
Trees beginning 2794' from DER, 221' left of centerline, up to 100' AGL/394' MSL.
Trees beginning 2796' from DER, 69' right of centerline, up to 100' AGL/401' MSL.
Trees beginning 3052' from DER, 223' left of centerline, up to 100' AGL/401' MSL.
Trees beginning 4085' from DER, 233' left of centerline, up to 100' AGL/407' MSL.
Trees beginning 4344' from DER, 236' left of centerline, up to 100' AGL/414' MSL.
Trees beginning 4350' from DER, 66' right of centerline, up to 100' AGL/407' MSL.
Trees beginning 4603' from DER, 238' left of centerline, up to 100' AGL/420' MSL.

CON'T

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PALESTINE, TX (CON'T)

PALESTINE MUNI (PSN) (CON'T)

Rwy 9 (CON'T), trees beginning 4609' from DER, 64' right of centerline, up to 100' AGL/414' MSL.
Trees beginning 4862' from DER, 241' left of centerline, up to 100' AGL/427' MSL.
Trees beginning 4868' from DER, 61' right of centerline, up to 100' AGL/420' MSL.
Trees beginning 5124' from DER, 243' left of centerline, up to 100' AGL/430' MSL.
Trees beginning 5127' from DER, 59' right of centerline, up to 100' AGL/430' MSL.
Tree 5380' from DER, 549' left of centerline, 100' AGL/434' MSL.
Trees beginning 5386' from DER, 56' right of centerline, up to 100' AGL/437' MSL.
Trees beginning 5404' from DER, 54' right of centerline, up to 100' AGL/440' MSL.
Trees beginning 5627' from DER, 855' left of centerline, up to 100' AGL/440' MSL.
Trees beginning 5639' from DER, 249' left of centerline, up to 100' AGL/443' MSL.
Tree 5663' from DER, 1872' right of centerline, 100' AGL/443' MSL.
Tree 5883' from DER, 2070' left of centerline, 100' AGL/447' MSL.
Trees beginning 5886' from DER, 251' left of centerline, up to 100' AGL/450' MSL.
Trees beginning 5904' from DER, 51' right of centerline, up to 100' AGL/450' MSL.
Tree 1 NM from DER, 2073' left of centerline, 100' AGL/457' MSL.
Trees beginning 1 nm from DER, 254' left of centerline, up to 100' AGL/460' MSL.
Trees beginning 1 NM from DER, 48' right of centerline, up to 100' AGL/457' MSL.
Tree 1 NM from DER, 1867' right of centerline, 100' AGL/460' MSL.
Tree 1 NM from DER, 2075' left of centerline, 100' AGL/463' MSL.
Trees beginning 1 NM from DER, 256' left of centerline, up to 100' AGL/470' MSL.
Trees beginning 1 NM from DER, 46' right of centerline, up to 100' AGL/463' MSL.
Tree 1 NM from DER, 2078' left of centerline, 100' AGL/473' MSL.
Trees beginning 1 NM from DER, 43' right of centerline, up to 100' AGL/473' MSL.
Tree 1.1 NM from DER, 2080' left of centerline, 100' AGL/483' MSL.
Trees beginning 1.1 NM from DER, 261' left of centerline, up to 100' AGL/489' MSL.
Trees beginning 1.1 NM from DER, 41' right of centerline, up to 100' AGL/479' MSL.
Trees beginning 1.1 NM from DER, 950' right of centerline, up to 100' AGL/483' MSL.
Tree 1.1 NM from DER, 2083' left of centerline, 100' AGL/493' MSL.
Trees beginning 1.1 NM from DER, 264' left of centerline, up to 100' AGL/499' MSL.
Trees beginning 1.1 NM from DER, 38' right of centerline, up to 100' AGL/486' MSL.
Trees beginning 1.1 NM from DER, 36' right of centerline, up to 100' AGL/493' MSL.
Tree 1.2 NM from DER, 1479' left of centerline, 100' AGL/509' MSL.
Trees beginning 1.2 NM from DER, 267' left of centerline, up to 100' AGL/519' MSL.
Trees beginning 1.2 NM from DER, 33' right of centerline, up to 100' AGL/499' MSL.
Trees beginning 1.2 NM from DER, 269' left of centerline, up to 100' AGL/532' MSL.
Trees beginning 1.2 NM from DER, 30' right of centerline, up to 100' AGL/525' MSL.
Trees beginning 1.3 NM from DER, 272' left of centerline, up to 100' AGL/552' MSL.
Trees beginning 1.3 NM from DER, 12' right of centerline, up to 100' AGL/552' MSL.
Trees beginning 1.3 NM from DER, 274' left of centerline, up to 100' AGL/568' MSL.
Tree 1.4 NM from DER, 2705' left of centerline, 100' AGL/575' MSL.
Trees beginning 1.4 NM from DER, 279' left of centerline, up to 100' AGL/601' MSL.
Trees beginning 1.4 NM from DER, 5' left of centerline, up to 100' AGL/621' MSL.
Tower 2.5 NM from DER, 345' left of centerline, 199' AGL/809' MSL.
Rwy 18, tree abeam DER, 409' left of centerline, 415' MSL.
Tree, terrain beginning 43' from DER, 241' right of centerline, up to 421' MSL.
Trees beginning 80' from DER, 257' left of centerline, up to 435' MSL.
Trees beginning 158' from DER, 166' right of centerline, up to 447' MSL.
Trees beginning 328' from DER, 41' left of centerline, up to 81' AGL/451' MSL.
Trees, vehicle on road beginning 481' from DER, 478' right of centerline, up to 449' MSL.
Tree 594' from DER, 352' right of centerline, 450' MSL.
Trees beginning 695' from DER, 35' right of centerline, up to 463' MSL.
Trees beginning 1561' from DER, 109' right of centerline, up to 465' MSL.
Rwy 27, trees beginning 189' from DER, 149' left of centerline, up to 100' AGL/420' MSL.
Trees beginning 195' from DER, 133' right of centerline, up to 100' AGL/411' MSL.
Rwy 36, tree, terrain beginning 134' from DER, 404' right of centerline, up to 439' MSL.
Tree 178' from DER, 403' left of centerline, 418' MSL.
Tree 200' from DER, 481' left of centerline, 421' MSL.
Trees beginning 432' from DER, 270' left of centerline, up to 434' MSL.
Tree 561' from DER, 481' left of centerline, 452' MSL.
Trees beginning 612' from DER, 306' left of centerline, up to 462' MSL.
Trees beginning 783' from DER, 401' left of centerline, up to 471' MSL.
Tree 990' from DER, 733' right of centerline, 456' MSL.

PORT LAVACA, TX

CALHOUN COUNTY (PKV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 13SEP18 (18256) (FAA)

TAKEOFF MINIMUMS:

Rwys 5, 23, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 14, vehicles on road 475' from DER, on centerline, up to 44' MSL.

Rwy 32, vegetation 65' from DER, 408' left of centerline, 34' MSL.

Pole and vehicles on road beginning 547' from DER, 412' right of centerline, up to 35' AGL/60' MSL.

Vehicles on road 570' from DER, 411' left of centerline, up to 45' MSL.

VICTORIA, TX

VICTORIA RGNL (VCT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 12AUG21 (21224) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 18, building 588' from DER, 415' left of centerline, 18' AGL/118' MSL.

Industrial system 1696' from DER, 265' right of centerline, 61' AGL/159' MSL.

Rwy 36, vegetation 104' from DER, 165' right of centerline, 10' AGL/116' MSL.

WHARTON,TX

WHARTON RGNL (ARM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 27AUG09 (09239) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 32, vehicle on roads beginning 26' from DER, 312' right of centerline, up to 17' AGL/113' MSL.

Buildings beginning 40' from DER, 338' right of centerline, up to 26' AGL/125' MSL.

Poles beginning 140' from DER, 467' right of centerline, up to 43' AGL/142' MSL.

Tree 828' from DER, 509' right of centerline, 28' AGL/127' MSL.

Fence 24' from DER, 288' left of centerline, 4' AGL/103' MSL.

Tree 1147' from DER, 425' left of centerline, 41' AGL/140' MSL.

WINNIE/STOWELL, TX

CHAMBERS COUNTY/WINNIE STOWELL (T90)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05OCT23 (23278) (FAA)

TAKEOFF MINIMUMS:

Rwy 17, std w/min climb of 376'/NM to 2700, or 1800-3 for VCOA.

Rwy 35, std w/min climb of 341'/NM to 2700, or 1800-3 for VCOA.

VCOA:

All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Chambers County/Winnie Stowell airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 17, trees beginning 616' from DER, 23' left of centerline, up to 125' MSL.

Trees beginning 1164' from DER, 475' right of centerline, up to 125' MSL.

Rwy 35, trees beginning 742' from DER, 212' left of centerline, up to 130' MSL.

Tree 1572' from DER, 672' right of centerline, 130' MSL.

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INSTRUMENT APPROACH PROCEDURE CHARTS

IFR ALTERNATE AIRPORT MINIMUMS

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

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	**600-2**	**800-2**
Non-Standard or restrictions	As indicated below	As indicated below
Helicopters	For the selected approach: Ceiling: 200' above published ceiling Visibility: the greater of 1 SM visibility or the published visibility	
US Military (USA/USN/USAF)	See Service Regulations	

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

NAME ALTERNATE MINIMUMS

ANGLETON/LAKE JACKSON, TX
TEXAS GULF
COAST RGNL (LBX)……..….**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

BAY CITY, TX
BAY CITY
RGNL (BYY)……..**RNAV (GPS) Rwy 13[1]**
RNAV (GPS) Rwy 31[1]
VOR-A[2]
[1]NA when local weather not available.
[2]Categories A, B, 1100-2; Category C, 1100-3.

BEAUMONT, TX
BEAUMONT
MUNI (BMT)……..……..…...**RNAV (GPS) Rwy 13[1]**
RNAV (GPS) Rwy 31[2]
[1]Category D, 800-2¼.
[2]NA when local weather not available.

NAME ALTERNATE MINIMUMS

BEAUMONT/PORT ARTHUR, TX
JACK BROOKS
RGNL (BPT)……...**ILS or LOC Rwy 12[12]**
RNAV (GPS) Rwy 12[3]
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 30
RNAV (GPS) Rwy 34
NA when local weather not available.
[1]NA when control tower closed.
[2]LOC, Categories A, B, C, D, E, 900-2.
[3]Category D, 800-2½; Category E, 900-2¾.

BRENHAM, TX
BRENHAM
MUNI (11R)……**RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
NA when local weather not available.
Category D, 800-2¼.

CALDWELL, TX
CALDWELL
MUNI (RWV)...……..**RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33
VOR/DME-A
NA when local weather not available.
Category B, 900-2.

CLEVELAND, TX
CLEVELAND MUNI (6R3)…...**RNAV (GPS) Rwy 16**
NA when local weather not available.

NAME ALTERNATE MINIMUMS

COLLEGE STATION, TX

EASTERWOOD
FLD (CLL)....**ILS or LOC Rwy 35[12]**
LOC BC Rwy 17[13]
RNAV (GPS) Rwy 11[34]
RNAV (GPS) Rwy 17[34]
RNAV (GPS) Rwy 29[34]
RNAV (GPS) Rwy 35[34]
VOR Rwy 29[5]
VOR or TACAN Rwy 11[34]

[1]NA when control tower closed.
[2]LOC, Category D, 900-2¾; Category E, 900-3.
[3]Category D, 900-2¾; Category E, 900-3.
[4]NA when local weather not available.
[5]Category D, 900-2¾.

CROCKETT, TX

HOUSTON
COUNTY (DKR)....**RNAV (GPS) Rwy 2**
NA when local weather not available.

EAGLE LAKE, TX

EAGLE LAKE (ELA)....**RNAV (GPS) Rwy 17[1]**
RNAV (GPS) Rwy 35
Category C, 900-2½.
[1]NA when local weather not available.

GALVESTON, TX

SCHOLES INTL
AT GALVESTON (GLS)....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 18[1]
RNAV (GPS) Rwy 32[1]
RNAV (GPS) Rwy 36[1]
NA when local weather not available.
[1]Category E, 800-2¼.

GIDDINGS, TX

GIDDINGS-
LEE COUNTY (GYB)....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.
Category C, 800-2¼.

HEARNE, TX

HEARNE MUNI (LHB)....**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

HOUSTON, TX

CONROE/NORTH HOUSTON
RGNL (CXO)....**RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 19[1]
RNAV (GPS) Rwy 32
Category D, 800-2¼.
[1]NA when local weather not available.

DAVID WAYNE HOOKS
MEML (DWH)....**RNAV (GPS) Rwy 35L**
NA when local weather not available.

NAME ALTERNATE MINIMUMS

HOUSTON, TX (CON'T)

ELLINGTON (EFD)....**ILS Z or LOC Z Rwy 17R[1]**
ILS Z or LOC Z Rwy 22[1]
ILS Z or LOC Z Rwy 35L[1]
RNAV (GPS) Rwy 4[2]
RNAV (GPS) Rwy 17R[2]
RNAV (GPS) Rwy 22[2]
RNAV (GPS) Rwy 35L[2]
[1]LOC, Category E, 800-2¼.
[2]Category E, 800-2¼.

HOUSTON
EXEC (TME)....**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.
Category D, 900-2¾.

PEARLAND RGNL (LVJ)....**RNAV (GPS) Rwy 32**
NA when local weather not available.

SUGAR LAND
RGNL (SGR)....**ILS or LOC Rwy 35[1]**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
NA when local weather not available.
[1]NA when control tower closed.

WILLIAM P
HOBBY (HOU)....**ILS or LOC Rwy 4[1]**
ILS or LOC Rwy 13R[1]
ILS or LOC Rwy 31L[2]
LOC Rwy 22[3]
RNAV (GPS) Rwy 4[4]
RNAV (GPS) Rwy 13R[4]
RNAV (GPS) Rwy 22[3]
RNAV (GPS) Rwy 31L[5]
[1]LOC, Categories C, D, 800-2¼;
Category E, 900-3.
[2]LOC, Categories C, D, 800-2¼.
[3]Category D, 800-2¼; Category E, 800-2¾.
[4]Categories C, D, 800-2¼; Category E, 900-3.
[5]Categories C, D, 800-2¼.

HUNTSVILLE, TX

HUNTSVILLE
MUNI (UTS)....**RNAV (GPS) Rwy 18**
VOR/DME-A
NA when local weather not available.
Category C, 800-2¼.

JACKSONVILLE, TX

CHEROKEE
COUNTY (JSO)....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
VOR Rwy 14
NA when local weather not available.

NAME	ALTERNATE MINIMUMS
JASPER, TX	
JASPER COUNTY/BELL FLD (JAS)	**RNAV (GPS) Rwy 18** **RNAV (GPS) Rwy 36**
NA when local weather not available.	
LA GRANGE, TX	
FAYETTE RGNL AIR CENTER (3T5)	**RNAV (GPS) Rwy 16** **RNAV (GPS) Rwy 34**
NA when local weather not available.	
LUFKIN, TX	
ANGELINA COUNTY (LFK)	**RNAV (GPS) Rwy 7** **RNAV (GPS) Rwy 16** **RNAV (GPS) Rwy 25** **RNAV (GPS) Rwy 34** **VOR Rwy 16** **VOR Rwy 34**
Category D, 900-2¾.	
NACOGDOCHES, TX	
NACOGDOCHES A L MANGHAM JR RGNL (OCH)	**RNAV (GPS) Rwy 18** **RNAV (GPS) Rwy 36**
NA when local weather not available.	
NAVASOTA, TX	
NAVASOTA MUNI (60R)	**RNAV (GPS) Rwy 17** **RNAV (GPS) Rwy 35**
NA when local weather not available.	
ORANGE, TX	
ORANGE COUNTY (ORG)	**RNAV (GPS) Rwy 22**
NA when local weather not available.	
PALACIOS, TX	
PALACIOS MUNI (PSX)	**RNAV (GPS) Rwy 13** **VOR Rwy 13**
NA when local weather not available. Category D, 800-2¼.	
PALESTINE, TX	
PALESTINE MUNI (PSN)	**RNAV (GPS) Rwy 18** **RNAV (GPS) Rwy 36**
NA when local weather not available. Category C, 1000-2¾; Category D, 1000-3.	
PORT LAVACA, TX	
CALHOUN COUNTY (PKV)	**RNAV (GPS) Rwy 14** **RNAV (GPS) Rwy 32** **VOR/DME-A**
NA when local weather not available.	

NAME	ALTERNATE
VICTORIA, TX	
VICTORIA RGNL (VCT)	**ILS or LOC Rwy 13**[1,2] **RNAV (GPS) Rwy 13**[3] **RNAV (GPS) Rwy 31**[3] **VOR Rwy 13**[3] **VOR Rwy 31**[3]
NA when local weather not available. [1]NA when control tower closed. [2]LOC, Category D, 800-2½. [3]Category D, 800-2½.	

THERE ARE NO RADAR PROCEDURES FOR SOUTHEAST TEXAS (SC-5)

SC-5, 12 JUN 2025 to 07 AUG 2025

21112

LAND AND HOLD-SHORT OPERATIONS (LAHSO)

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

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

CITY/AIRPORT	LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
HOUSTON, TX			
GEORGE BUSH INTCNTL/	26L	TWY NE	9,010 feet
HOUSTON (IAH)	08R	TWY NP	9,019 feet

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21112

22195

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*
BEAUMONT/PORT ARTHUR, TX		
JACK BROOKS RGNL (BPT)	HS 1	South end of Twy B not visible from control twr.
COLLEGE STATION, TX		
EASTERWOOD FLD (CLL)	HS 1	Rwy holding position marking Twy B and Rwy 11.
HOUSTON, TX		
DAVID WAYNE HOOKS MEML (DWH)	HS 1	Ramp A and Twy C at Rwy 17R.
	HS 2	Twy E, Twy D, Twy K at Rwy 17L.
	HS 3	Twy E at Rwy 17R-35L.
	HS 4	Int of Twy G and Rwy 17L-35R.
	HS 5	Int of Twy H and Rwy 17L-35R.
	HS 6	Twy K at Rwy 17L.
HOUSTON, TX		
CONROE/NORTH HOUSTON RGNL (CXO)	HS 1	Twy F west of Twy D.
HOUSTON, TX		
SUGAR LAND RGNL (SGR)	HS 1	Twy E int with Twy A, Twy A3 from Rwy 17-35.
HOUSTON, TX		
WILLIAM P. HOBBY (HOU)	HS 1	Twy G at Rwy 13R.
	HS 2	Twy E at int Rwy 13L.

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

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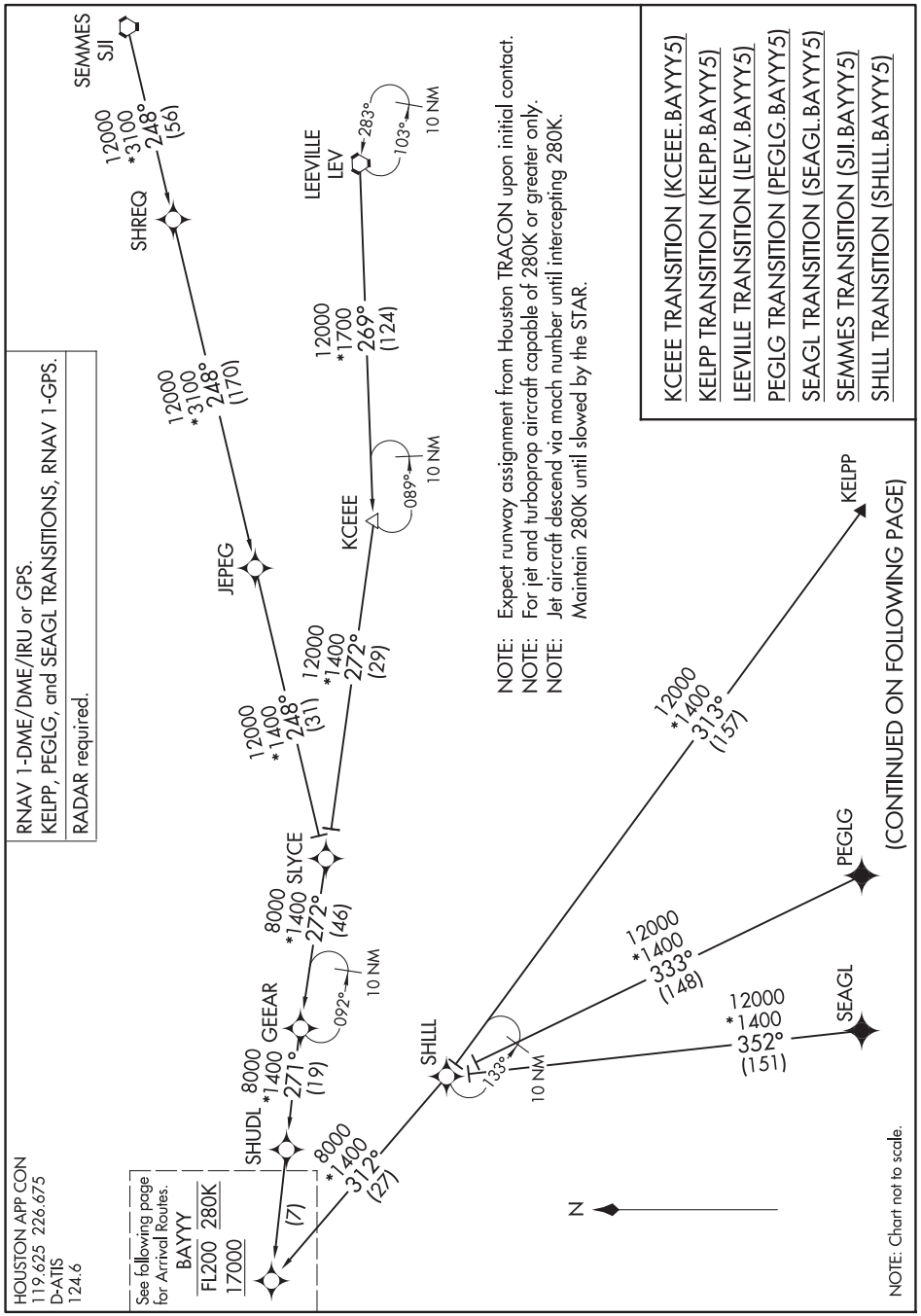
BAYYY FIVE ARRIVAL (RNAV) Transition Routes



(CONTINUED ON FOLLOWING PAGE)

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BAYYY FIVE ARRIVAL (RNAV) Transition Routes

HOUSTON, TEXAS

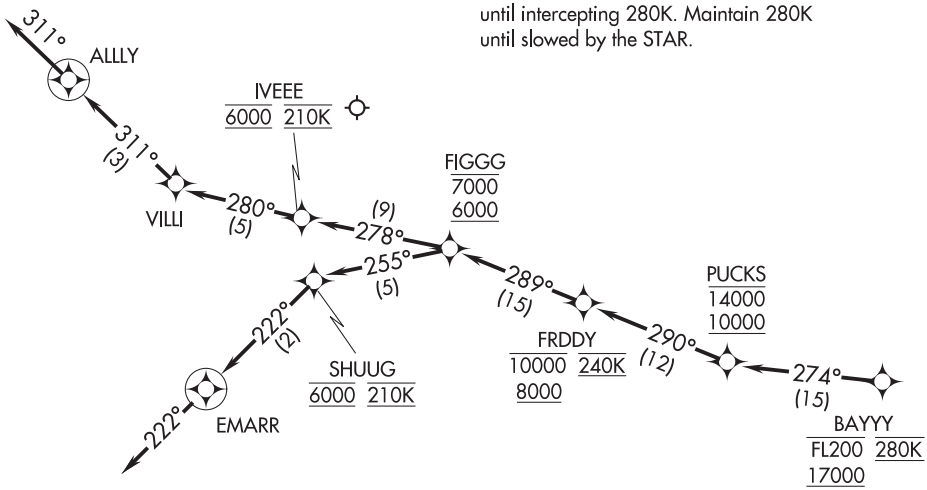
BAYYY FIVE ARRIVAL (RNAV) Arrival Routes

HOUSTON, TEXAS

HOUSTON APP CON
119.625 226.675
D-ATIS
124.6

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

NOTE: Expect runway assignment from Houston TRACON upon initial contact.
NOTE: For jet and turboprop aircraft capable of 280K or greater only.
NOTE: Jet aircraft descend via Mach number until intercepting 280K. Maintain 280K until slowed by the STAR.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From BAYYY on track 274° to cross PUCKS between 10000 and 14000.

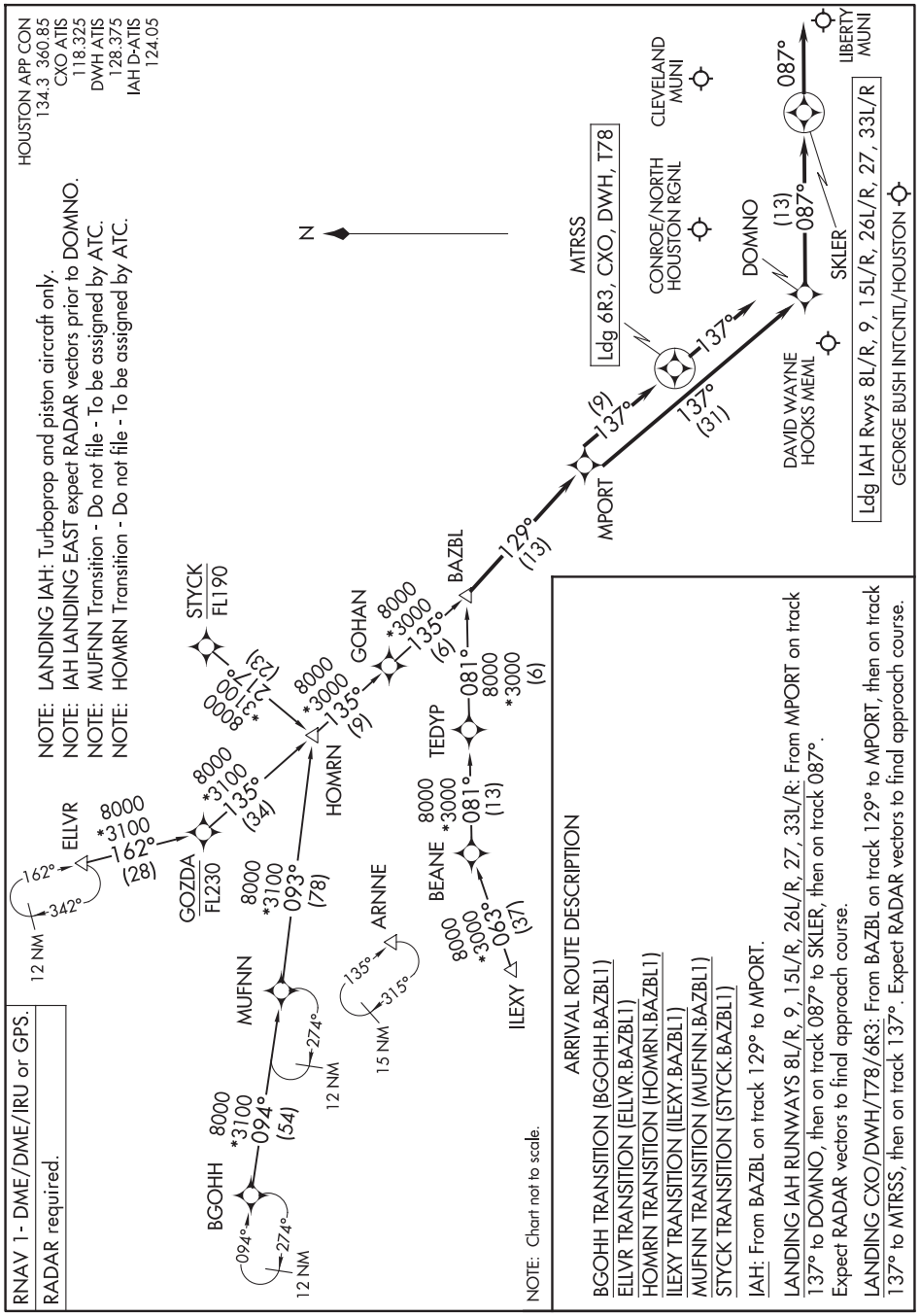
LANDING RUNWAY 4: From PUCKS on track 290° to cross FRDDY between 8000 and 10000 and at 240K, then on track 289° to cross FIGGG between 6000 and 7000, then on track 255° to cross SHUUG at 6000 and at 210K, then on track 222° to EMARR, then on track 222°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 13L/R: From PUCKS on track 290° to cross FRDDY between 8000 and 10000 and at 240K, then on track 289° to cross FIGGG between 6000 and 7000, then on track 278° to cross IVEEE at 6000 and at 210K, then on track 280° to VILLI, then on track 311° to ALLLY, then on track 311°. Expect RADAR vectors to final approach course.

BAZBL ONE ARRIVAL (RNAV)

AL-5461 (FAA)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

BAZBL ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

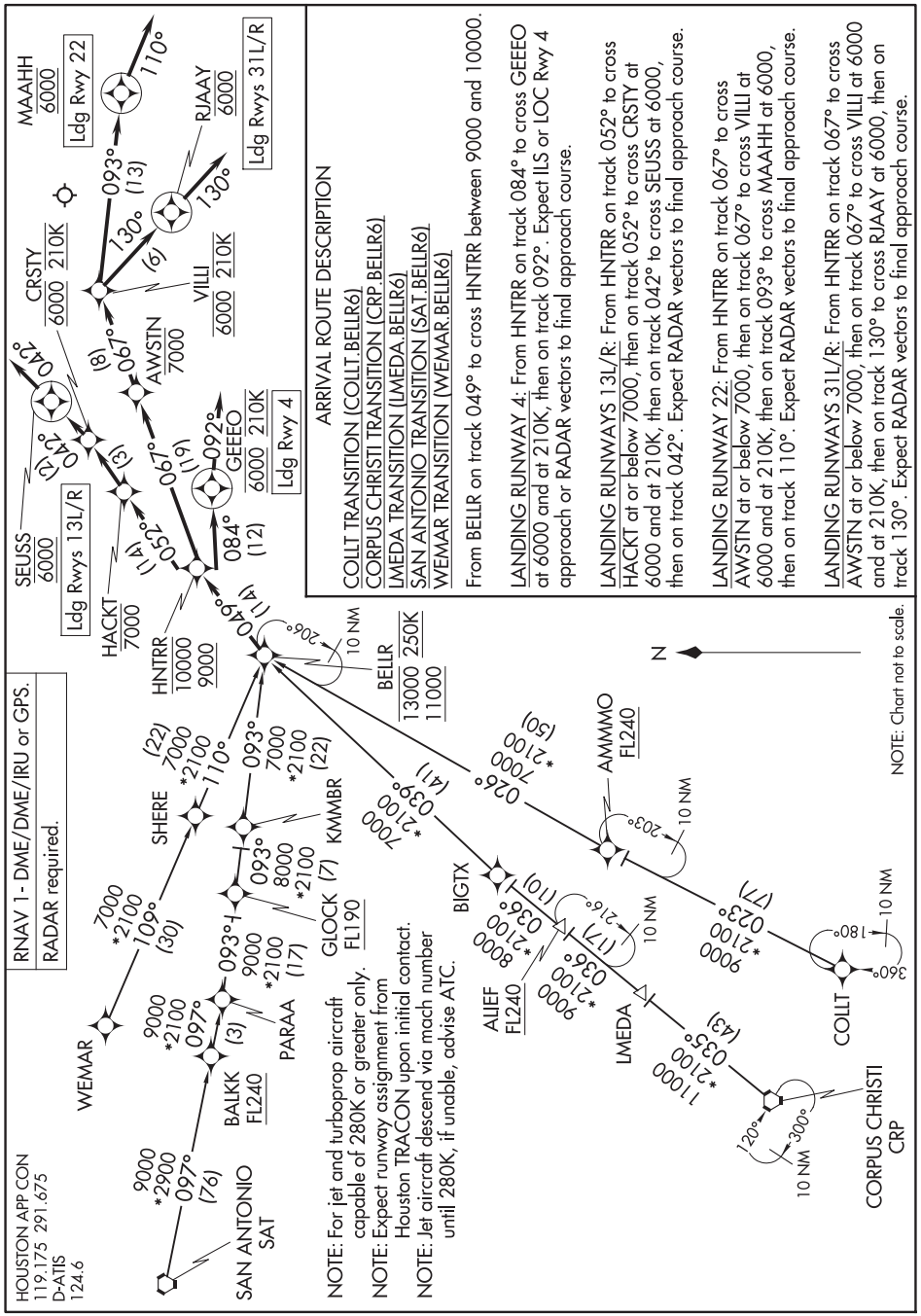
(BELLR.BELLR6) 24305

AL-198 (FAA)

WILLIAM P HOBBY (HOU)

BELLR SIX ARRIVAL (RNAV)

HOUSTON, TEXAS



ARRIVAL ROUTE DESCRIPTION

COLLT TRANSITION (COLLT.BELLR6)
CORPUS CHRISTI TRANSITION (CRP.BELLR6)
LMEDA TRANSITION (LMEDA.BELLR6)
SAN ANTONIO TRANSITION (SAT.BELLR6)
WEMAR TRANSITION (WEMAR.BELLR6)

From BELLR on track 049° to cross HNTRR between 9000 and 10000.

LANDING RUNWAY 4: From HNTRR on track 084° to cross GEEEO at 6000 and at 210K, then on track 092°. Expect ILS or LOC Rwy 4 approach or RADAR vectors to final approach course.

LANDING RUNWAYS 13L/R: From HNTRR on track 052° to cross HACKT at or below 7000, then on track 052° to cross CRSTY at 6000 and at 210K, then on track 042° to cross SEUSS at 6000, then on track 042°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 22: From HNTRR on track 067° to cross AWSTN at or below 7000, then on track 067° to cross VILLI at 6000 and at 210K, then on track 093° to cross MAAHH at 6000, then on track 110°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 31L/R: From HNTRR on track 067° to cross AWSTN at or below 7000, then on track 067° to cross VILLI at 6000 and at 210K, then on track 130° to cross RJAAY at 6000, then on track 130°. Expect RADAR vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025

BELLR SIX ARRIVAL (RNAV)

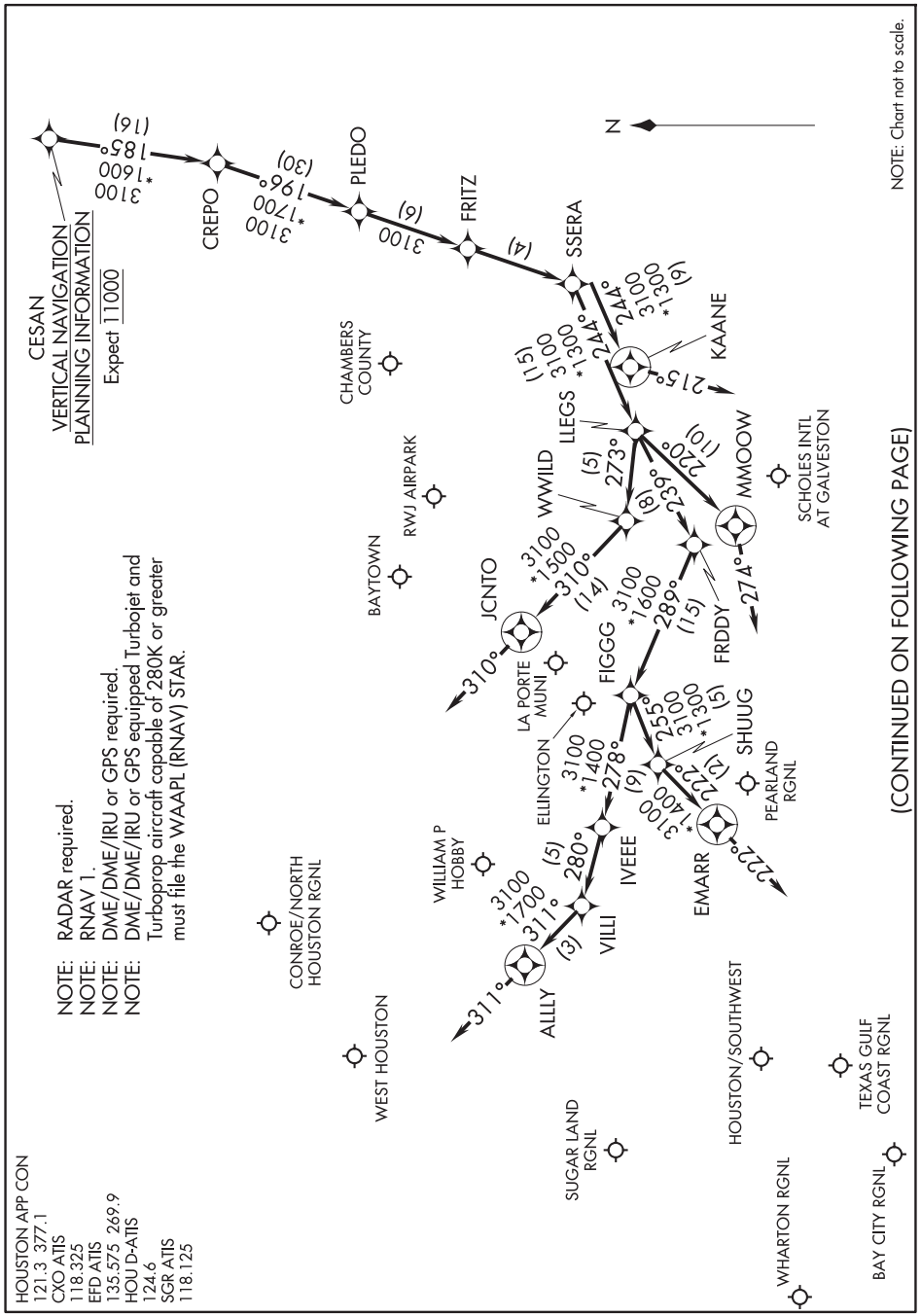
(BELLR.BELLR6) 31OCT24

HOUSTON, TEXAS

WILLIAM P HOBBY (HOU)

CESAN FOUR ARRIVAL (RNAV)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

CESAN FOUR ARRIVAL (RNAV)

HOUSTON, TEXAS

ARRIVAL ROUTE DESCRIPTION

From CESAN on track 185° to CREPO, then on track 196° to PLEDO.

LANDING HOU RWYS 13L/R: From PLEDO on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to LLEGS, then on track 239° to FRDDY, then on track 289° to FIGGG, then on track 278° to IVEEE, then on track 280° to VILLI, then on track 311° to ALLLY, then on track 311°. Expect vectors to final approach course.

LANDING HOU RWY 4: From PLEDO on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to LLEGS, then on track 239° to FRDDY, then on track 289° to FIGGG, then on track 255° to SHUUG, then on track 222° to EMARR, then on track 222°. Expect vectors to approach course.

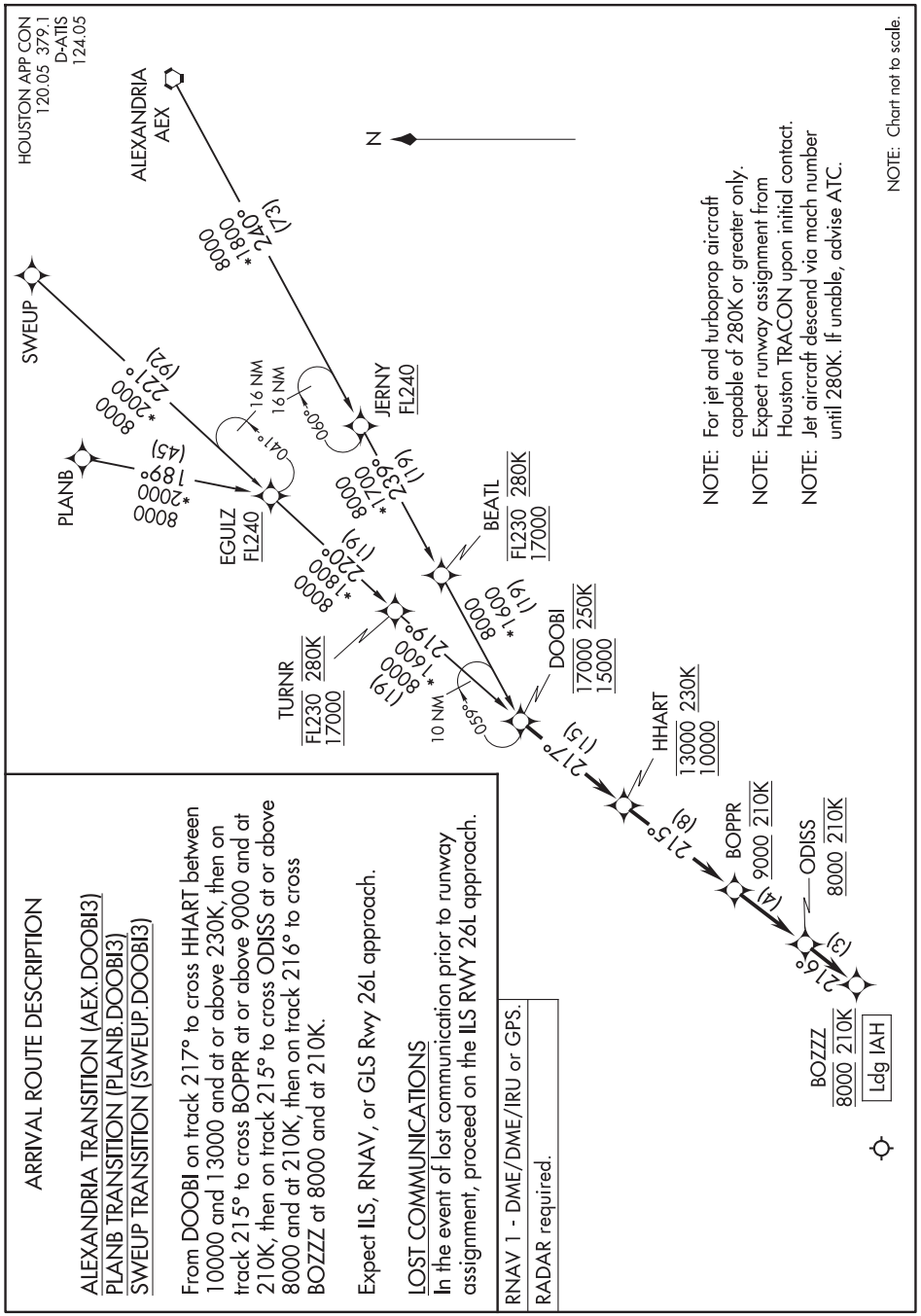
LANDING HOU RWY 22: From PLEDO on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to LLEGS, then on track 273° to WWILD, then on track 310° to JCNTO, then on track 310°. Expect vectors to final approach course.

LANDING HOU RWYS 31L/R: From PLEDO on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to LLEGS, then on track 220° to MMOOW, then on track 274°. Expect vectors to final approach course.

ALL OTHER AIRPORTS: From CESAN on track 185° to CREPO, then on track 196° to PLEDO, then on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to KAANE, then on track 215°. Expect vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025

DOOBI THREE ARRIVAL (RNAV) AL-5461 (FAA)



ARRIVAL ROUTE DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DOOBI3)
PLANB TRANSITION (PLANB.DOOBI3)
SWEUP TRANSITION (SWEUP.DOOBI3)

From DOOBI on track 217° to cross HHART between 10000 and 13000 and at or above 230K, then on track 215° to cross BOPPR at or above 9000 and at 210K, then on track 215° to cross ODISS at or above 8000 and at 210K, then on track 216° to cross BOZZZ at 8000 and at 210K.

Expect ILS, RNAV, or GLS Rwy 26L approach.

LOST COMMUNICATIONS

In the event of lost communication prior to runway assignment, proceed on the ILS RWY 26L approach.

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

COWBOY TRANSITION (CVE.DRLLR5):

DIESL TRANSITION (DIESL.DRLLR5):

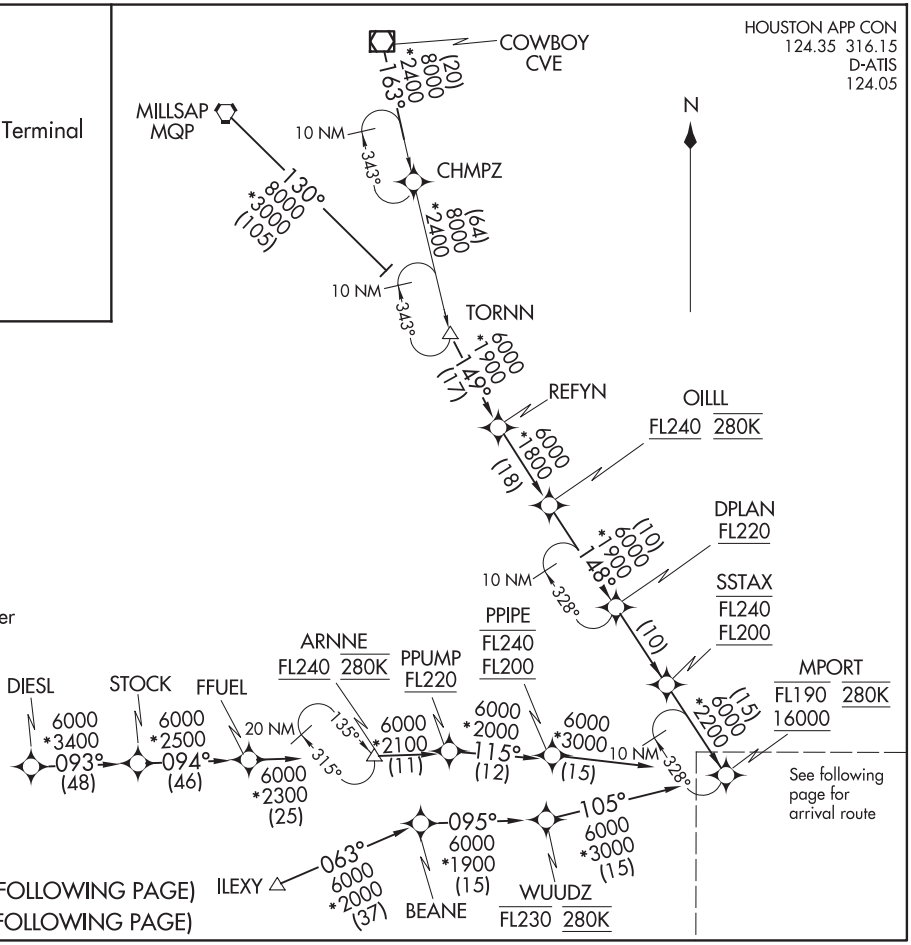
ILEXY TRANSITION (ILEXY.DRLLR5): Austin Terminal Area Departures only.

MILLSAP TRANSITION (MQP.DRLLR5):

OILLL TRANSITION (OILLL.DRLLR5):

TORNN TRANSITION (TORNN.DRLLR5):

NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turbojet and turboprop aircraft capable of 280K or greater only.
NOTE: Fly the Runway 26R transition; Houston Approach control may assign a different transition on initial contact.
NOTE: Corresponding RNAV STAR is GUSHR. Expect GUSHR when IAH is landing east.
NOTE: Turbojet aircraft descend via mach number until intercepting 280K. Maintain 280K until slowed by the STAR.

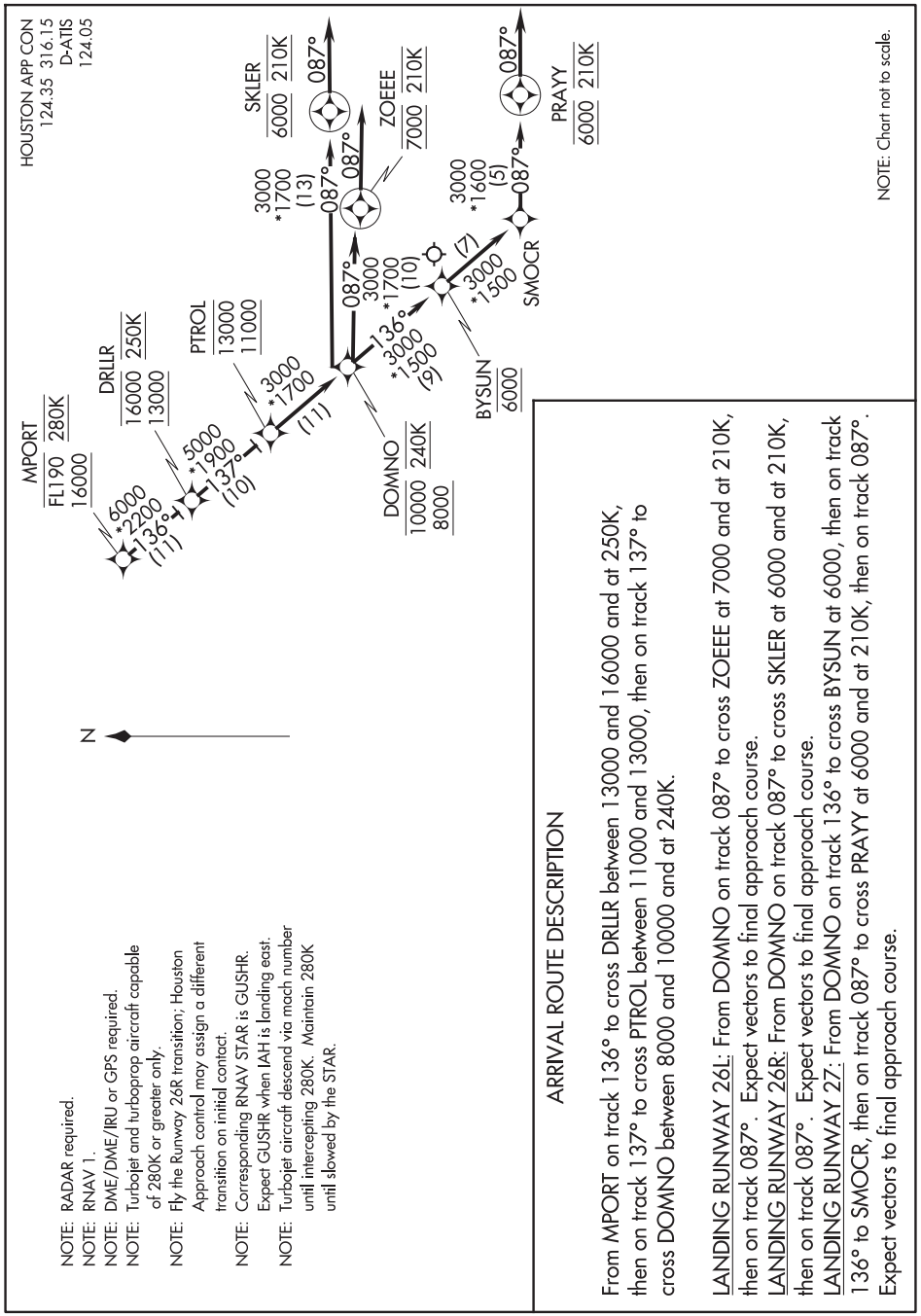


(NOTES ON THE FOLLOWING PAGE)
(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DRLLR FIVE ARRIVAL (RNAV) Arrival Routes

HOUSTON, TEXAS



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turbojet and turboprop aircraft capable of 280K or greater only.
NOTE: Fly the Runway 26R transition; Houston Approach control may assign a different transition on initial contact.
NOTE: Corresponding RNAV STAR is GUSHR. Expect GUSHR when IAH is landing east.
NOTE: Turbojet aircraft descend via mach number until intercepting 280K. Maintain 280K until slowed by the STAR.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From MPORT on track 136° to cross DRLLR between 13000 and 16000 and at 250K, then on track 137° to cross PTROL between 11000 and 13000, then on track 137° to cross DOMNO between 8000 and 10000 and at 240K.

LANDING RUNWAY 26L: From DOMNO on track 087° to cross ZOEEE at 7000 and at 210K, then on track 087°. Expect vectors to final approach course.

LANDING RUNWAY 26R: From DOMNO on track 087° to cross SKLER at 6000 and at 210K, then on track 087°. Expect vectors to final approach course.

LANDING RUNWAY 27: From DOMNO on track 136° to cross BYSUN at 6000, then on track 136° to SMOCR, then on track 087° to cross PRAYY at 6000 and at 210K, then on track 087°. Expect vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025

DRLLR FIVE ARRIVAL (RNAV) Arrival Routes
HOUSTON, TEXAS

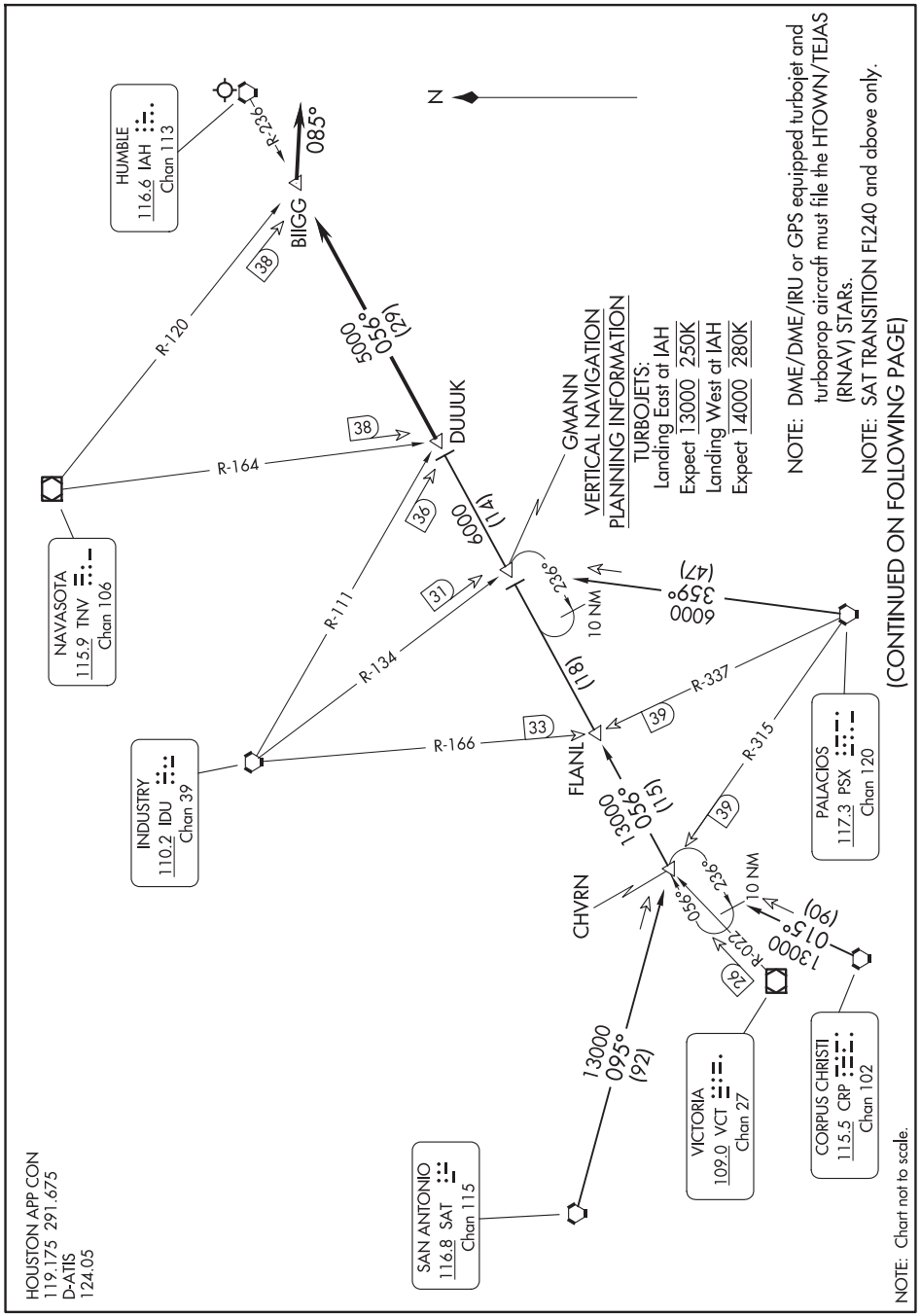
(DUUUK.DUUUK3) 24137

DUUUK THREE ARRIVAL

AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

DUUUK THREE ARRIVAL

(DUUUK.DUUUK3) 10OCT19

HOUSTON, TEXAS

GEORGE BUSH INTCNTL/HOUSTON (IAH)

ARRIVAL ROUTE DESCRIPTION

CORPUS CHRISTI TRANSITION (CRP.DUUUK3): From over CRP VORTAC on CRP R-015 to CHVRN, then on IAH R-236 to DUUUK. Thence . . . .
PALACIOS TRANSITION (PSX.DUUUK3): From over PSX VORTAC on PSX R-359 to GMANN, then on IAH R-236 to DUUUK. Thence . . . .
SAN ANTONIO TRANSITION (SAT.DUUUK3): From over SAT VORTAC on SAT R-095 to CHVRN, then on IAH R-236 to DUUUK. Thence . . . .

. . . . From over DUUUK on IAH R-236 to BIIGG. Depart BIIGG heading 085° for vectors to final approach.

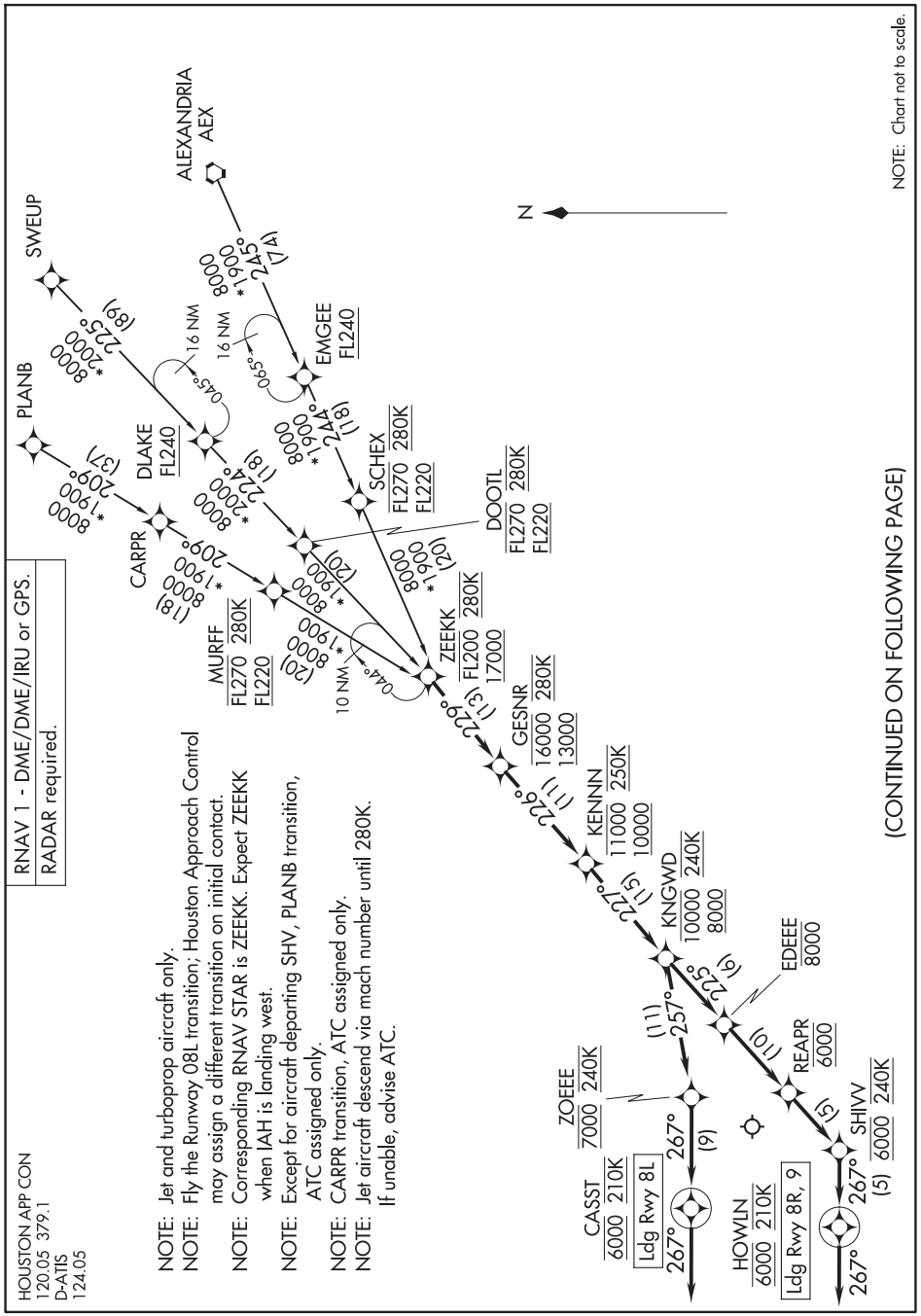
(ZEEKK.GESNR2) 25163

GESNR TWO ARRIVAL (RNAV)

AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

GESNR TWO ARRIVAL (RNAV)

(ZEEKK.GESNR2) 12JUN25

HOUSTON, TEXAS

GEORGE BUSH INTCNTL/HOUSTON (IAH)

ARRIVAL ROUTE DESCRIPTION

ALEXANDRIA TRANSITION (AEX.GESNR2)
CARPR TRANSITION (CARPR.GESNR2)
PLANB TRANSITION (PLANB.GESNR2)
SWEUP TRANSITION (SWEUP.GESNR2)

From ZEEKK on track 229° to cross GESNR between 13000 and 16000 and at 280K.

LANDING RUNWAY 8L: From GESNR on track 226° to cross KENNN between 10000 and 11000 and at 250K, then on track 227° to cross KNGWD between 8000 and 10000 and at 240K, then on track 257° to cross ZOEEE at 7000 and at 240K, then on track 267° to cross CASST at 6000 and at 210K, then on track 267°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 8R/9: From GESNR on track 226° to cross KENNN between 10000 and 11000 and at 250K, then on track 227° to cross KNGWD between 8000 and 10000 and at 240K, then on track 225° to cross EDEEE at or below 8000, then on track 225° to cross REAPR at 6000, then on track 225° to cross SHIVV at 6000 and at 240K, then on track 267° to cross HOWLN at 6000 and at 210K, then on track 267°. Expect RADAR vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025

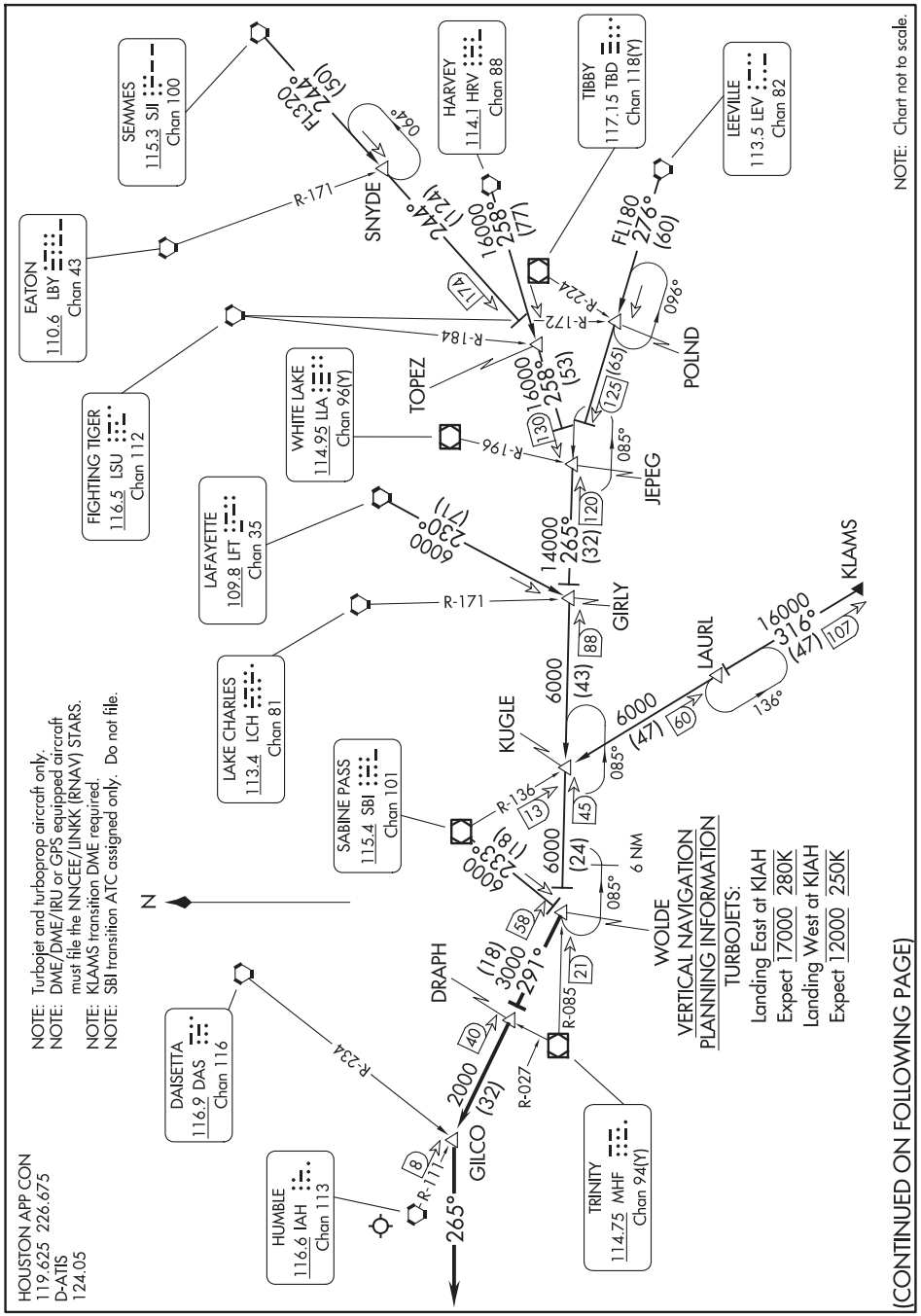
(WOLDE.GILCO5) 24137

GILCO FIVE ARRIVAL

AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

GILCO FIVE ARRIVAL

(WOLDE.GILCO5) 10OCT19

HOUSTON, TEXAS

GEORGE BUSH INTCNTL/HOUSTON (IAH)

ARRIVAL ROUTE DESCRIPTION

HARVEY TRANSITION (HRV.GILCO5): From over HRV VORTAC on HRV R-258 to JEPEG, then on MHF R-085 to WOLDE. Thence . . . .
JEPEG TRANSITION (JEPEG.GILCO5): From over JEPEG on MHF R-085 to WOLDE. Thence . . . .
KLAMS TRANSITION (KLAMS.GILCO5): From over KLAMS on SBI R-136 to KUGLE, then on MHF R-085 to WOLDE. Thence . . . .
LAFAYETTE TRANSITION (LFT.GILCO5): From over LFT VORTAC on LFT R-230 to GIRLY, then on MHF R-085 to WOLDE. Thence . . . .
LEEVILLE TRANSITION (LEV.GILCO5): From over LEV VORTAC on LEV R-276 to JEPEG, then on MHF R-085 to WOLDE. Thence . . . .
SABINE PASS TRANSITION (SBI.GILCO5): From over SBI VOR/DME on SBI R-233 to WOLDE. Thence . . . .
SEMMES TRANSITION (SJI.GILCO5): From SJI VORTAC on SJI R-244 to TOPEZ, then on HRV R-258 to JEPEG, then on MHF R-085 to WOLDE. Thence . . . .

. . . .From over WOLDE on IAH R-111 to GILCO.

LANDING RUNWAYS 8L/R, 9:
From GILCO fly heading 265° for vectors to final approach course.

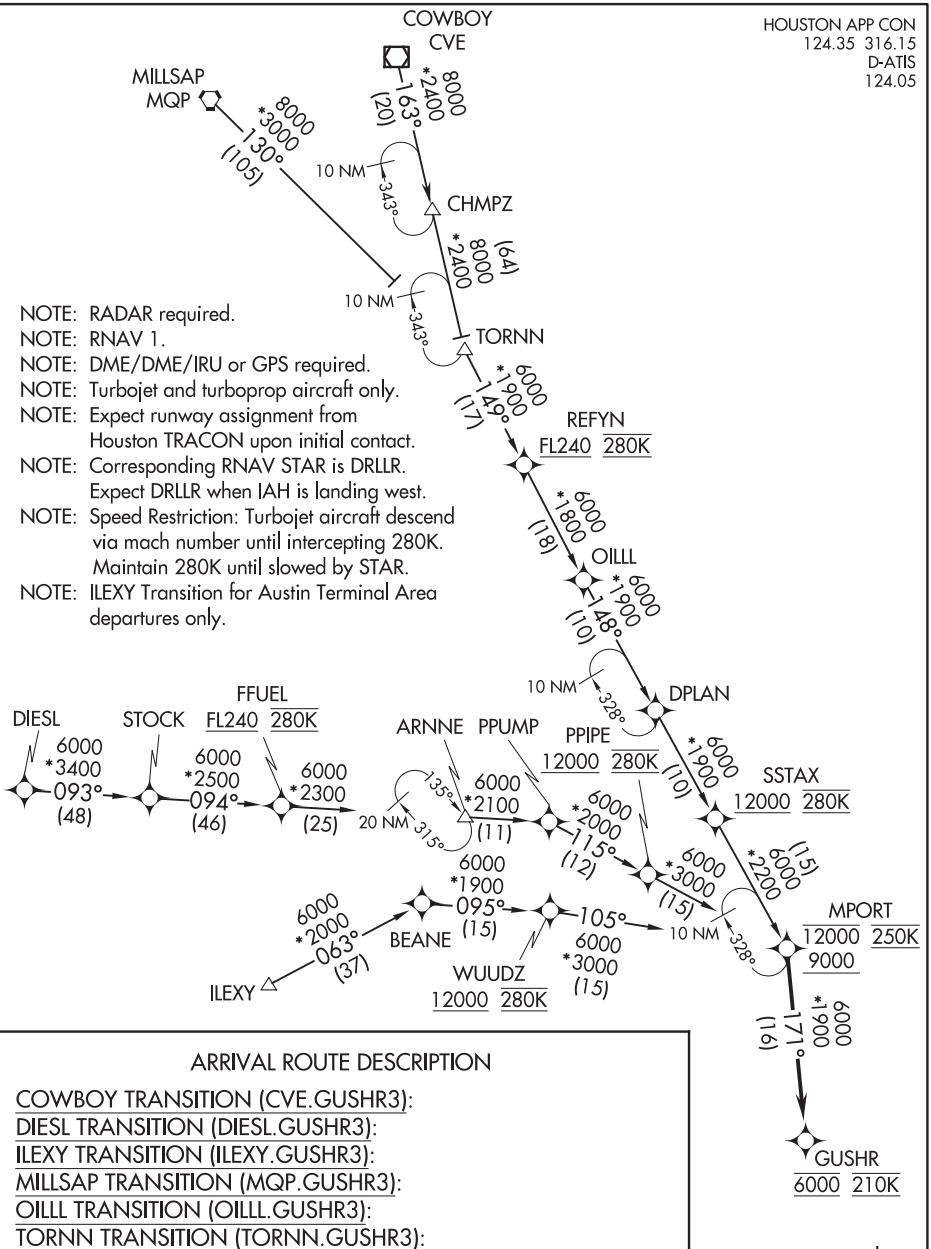
FOR ALL OTHER RUNWAYS:
Expect vectors to final approach course at or prior to GILCO.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(MPORT.GUSHR3) 21112

GUSHR THREE ARRIVAL (RNAV) AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)
HOUSTON, TEXAS



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turbojet and turboprop aircraft only.
NOTE: Expect runway assignment from Houston TRACON upon initial contact.
NOTE: Corresponding RNAV STAR is DRLLR. Expect DRLLR when IAH is landing west.
NOTE: Speed Restriction: Turbojet aircraft descend via mach number until intercepting 280K. Maintain 280K until slowed by STAR.
NOTE: ILEXY Transition for Austin Terminal Area departures only.

ARRIVAL ROUTE DESCRIPTION

COWBOY TRANSITION (CVE.GUSHR3):
DIESL TRANSITION (DIESL.GUSHR3):
ILEXY TRANSITION (ILEXY.GUSHR3):
MILLSAP TRANSITION (MQP.GUSHR3):
OILLL TRANSITION (OILLL.GUSHR3):
TORNN TRANSITION (TORNN.GUSHR3):

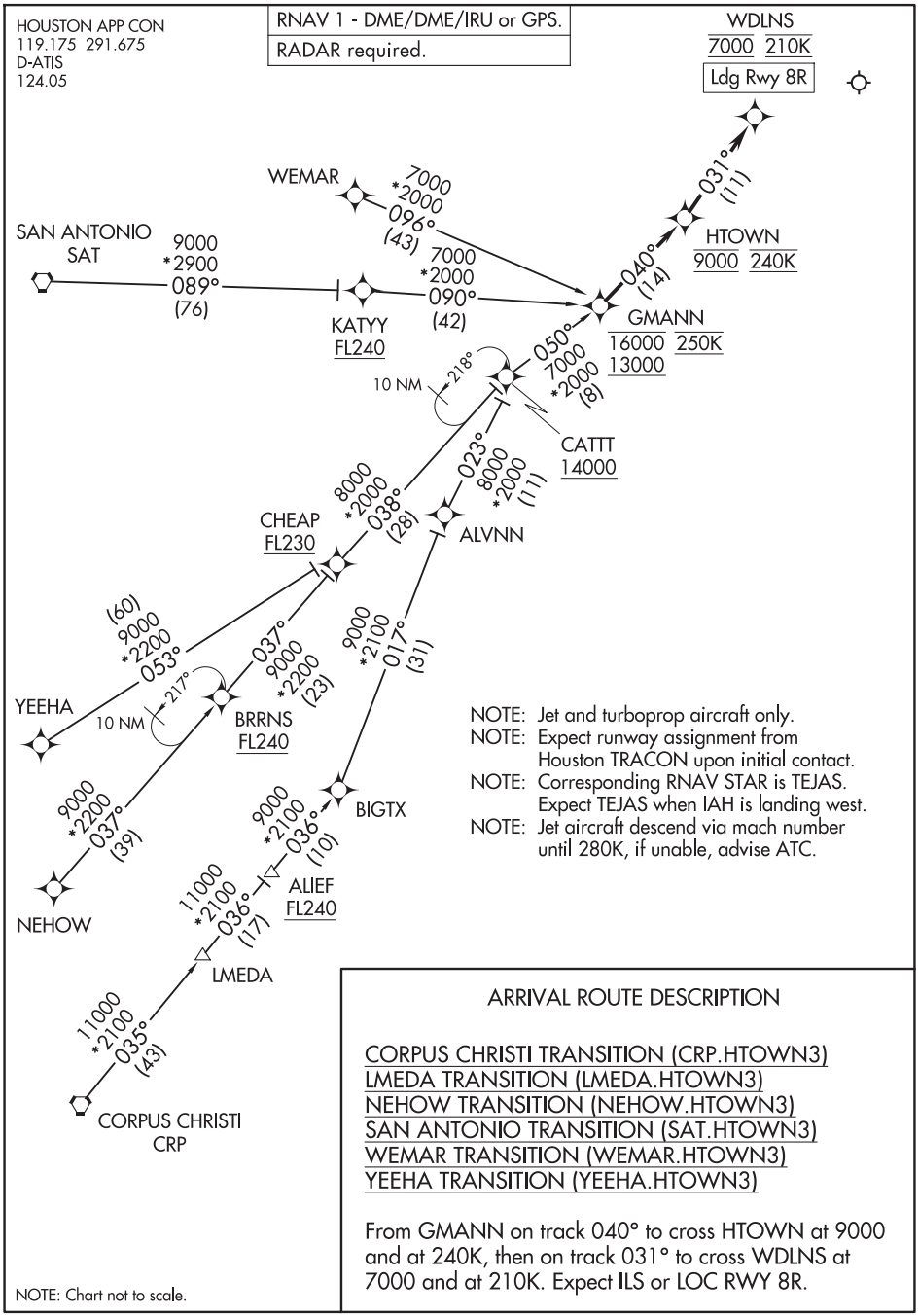
From MPORT on track 171° to cross GUSHR at 6000 and at 210K.
Expect ILS or LOC Rwy 08L.

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

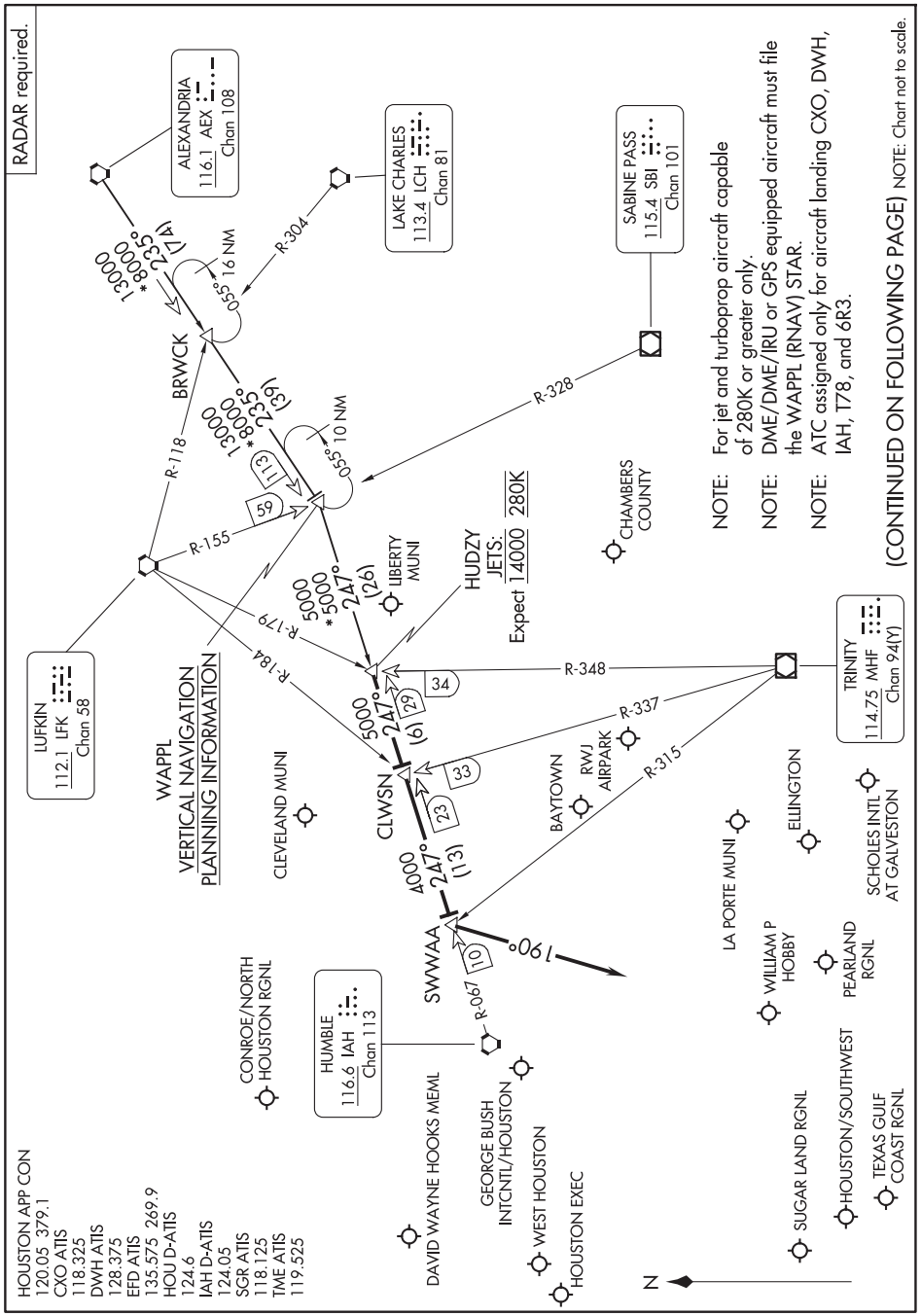
HTOWN THREE ARRIVAL (RNAV)

HOUSTON, TEXAS



HUDZY FIVE ARRIVAL

HOUSTON, TEXAS



NOTE: For jet and turboprop aircraft capable of 280K or greater only.

NOTE: DME/DME/IRU or GPS equipped aircraft must file the WAPPL (RNAV) STAR.

NOTE: ATC assigned only for aircraft landing CXO, DWH, IAH, T78, and 6R3.

(CONTINUED ON FOLLOWING PAGE) NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

HUDZY FIVE ARRIVAL
HOUSTON, TEXAS

ARRIVAL ROUTE DESCRIPTION

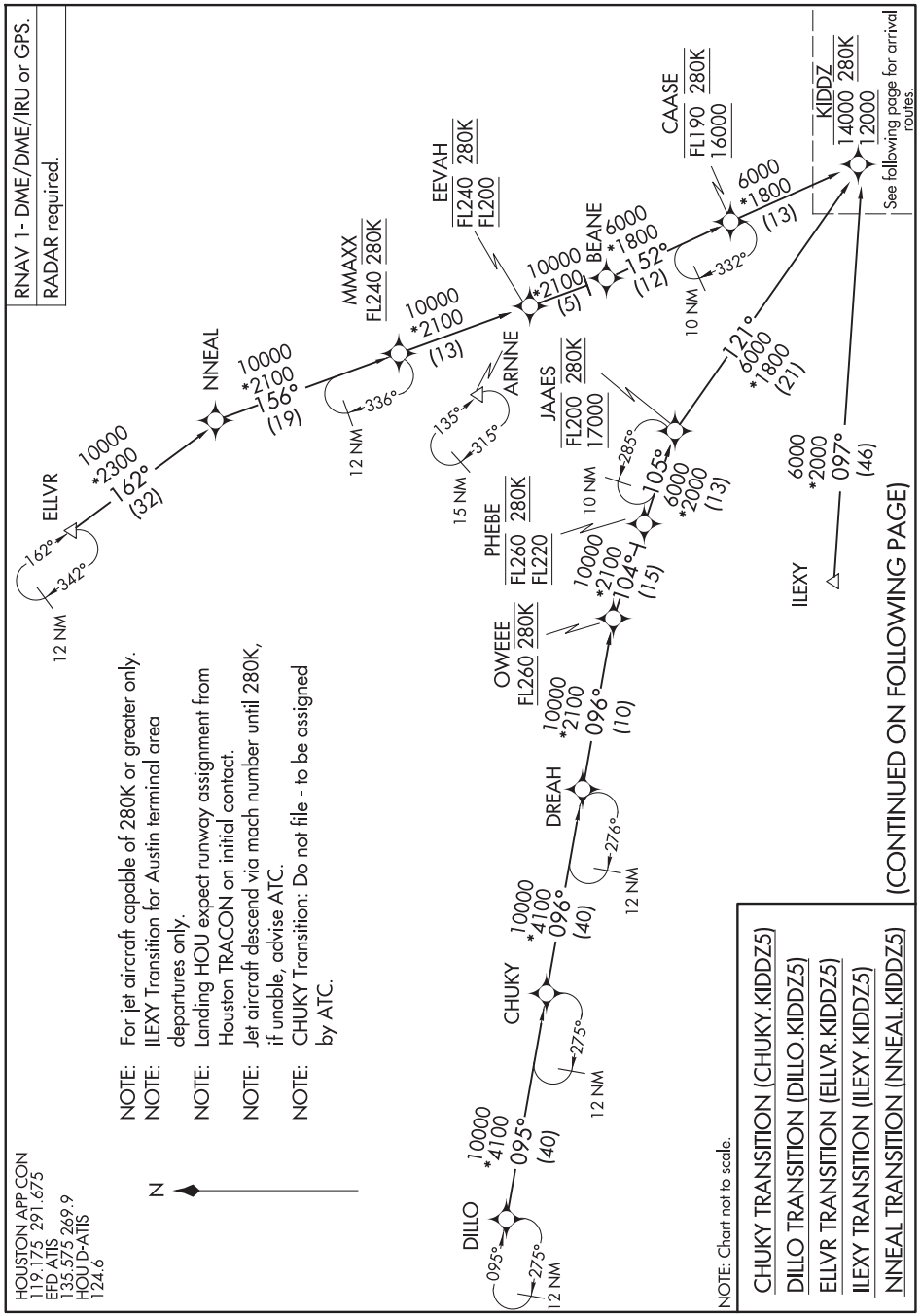
ALEXANDRIA TRANSITION (AEX.HUDZY5): From over AEX VORTAC on AEX R-235 to WAPPL, then on IAH R-067 to HUDZY. Thence. . . .

. . . .from over HUDZY on IAH R-067 to CLWSN, then on IAH R-067 to SWWAA, then on heading 190°. Expect RADAR vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

KIDDZ FIVE ARRIVAL (RNAV) Transition Routes

HOUSTON, TEXAS



KIDDZ FIVE ARRIVAL (RNAV) Transition Routes
HOUSTON, TEXAS

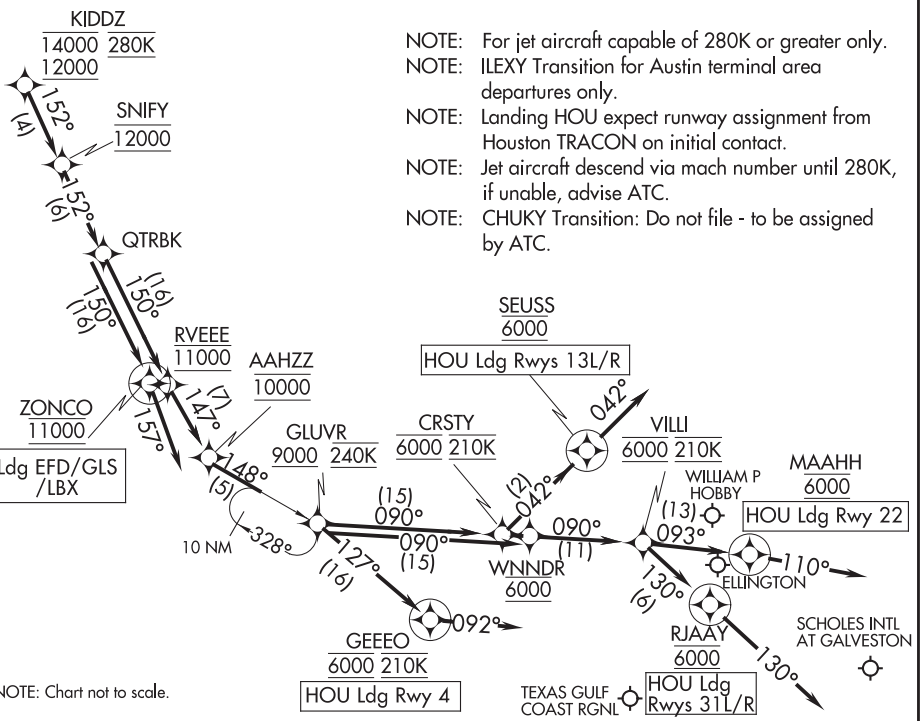
KIDDZ FIVE ARRIVAL (RNAV) Arrival Routes

HOUSTON, TEXAS

HOUSTON APP CON
119.175 291.675
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6

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

NOTE: For jet aircraft capable of 280K or greater only.
NOTE: ILEXY Transition for Austin terminal area departures only.
NOTE: Landing HOU expect runway assignment from Houston TRACON on initial contact.
NOTE: Jet aircraft descend via mach number until 280K, if unable, advise ATC.
NOTE: CHUKY Transition: Do not file - to be assigned by ATC.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

HOU: From KIDDZ on track 152° to cross SNIFY at 12000, then on track 152° to QTRBK, then on track 150° to cross RVEEE at 11000, then on track 147° to cross AAHZZ at 10000, then on track 148° to cross GLUVR at or above 9000 and at 240K.

LANDING HOU RUNWAY 4: From GLUVR on track 127° to cross GEEEO at 6000 and at 210K, then on track 092°. Expect ILS or LOC Rwy 04 approach or RADAR vectors to final approach course.

LANDING HOU RUNWAYS 13L/R: From GLUVR on track 090° to cross CRSTY at 6000 and at 210K, then on track 042° to cross SEUSS at 6000, then on track 042°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAY 22: From GLUVR on track 090° to cross WNNDR at 6000, then on track 090° to cross VILLI at 6000 and at 210K, then on track 093° to cross MAAHH at 6000, then on track 110°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAYS 31L/R: From GLUVR on track 090° to cross WNNDR at 6000, then on track 090° to cross VILLI at 6000 and at 210K, then on track 130° to RJAAY at 6000, then on track 130°. Expect RADAR vectors to final approach course.

LANDING GLS/LBX/EFD: From KIDDZ on track 152° to cross SNIFY at 12000, then on track 152° to QTRBK, then on track 150° to cross ZONCO at 11000, then on track 157°. Expect RADAR vectors to final approach course.

KIDDZ FIVE ARRIVAL (RNAV) Arrival Routes

HOUSTON, TEXAS

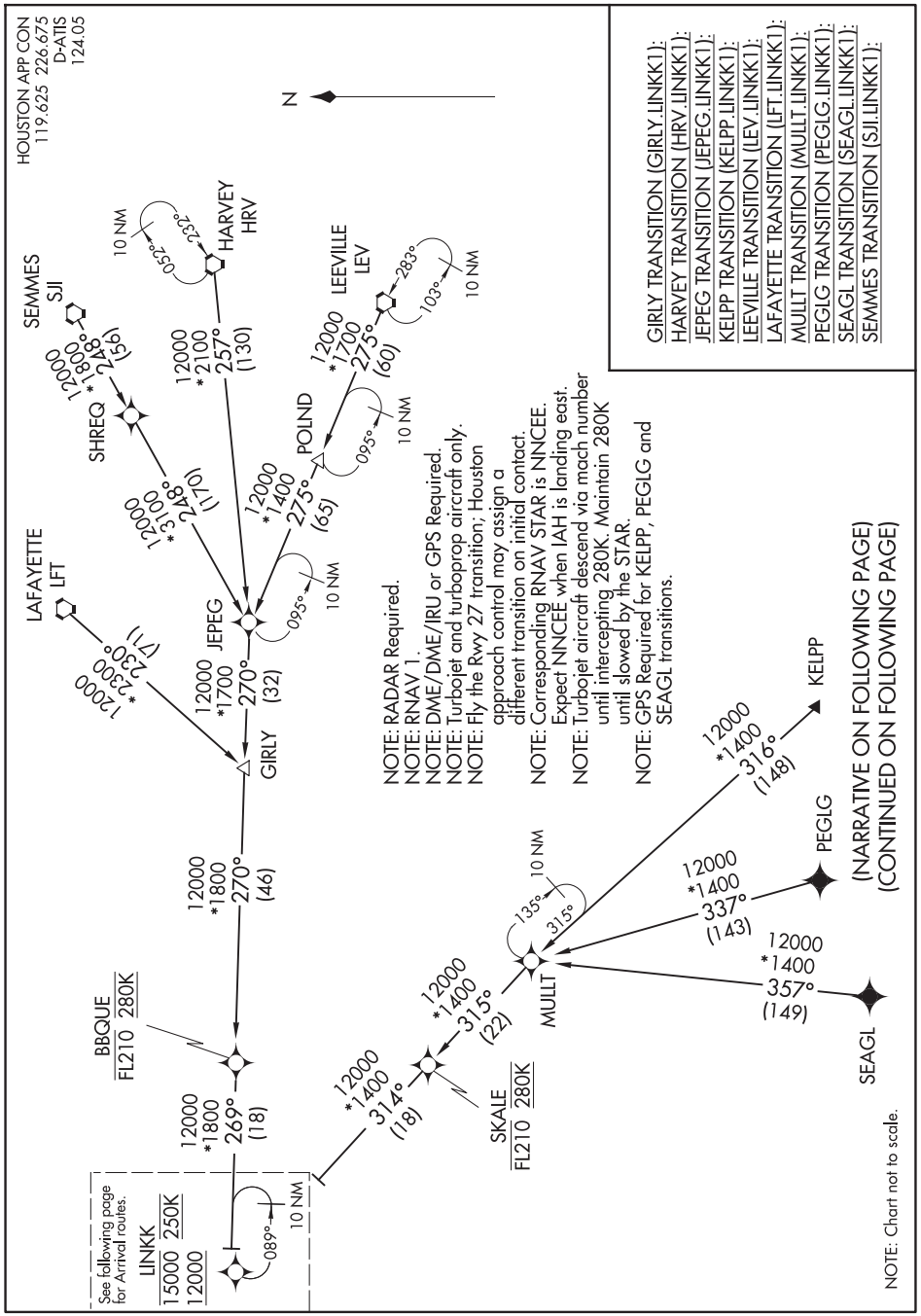
SC-5, 12 JUN 2025 to 07 AUG 2025

(LINKK.LINKK1) 22139 AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)

LINKK ONE ARRIVAL (RNAV) Transition Routes

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

LINKK ONE ARRIVAL (RNAV) Transition Routes

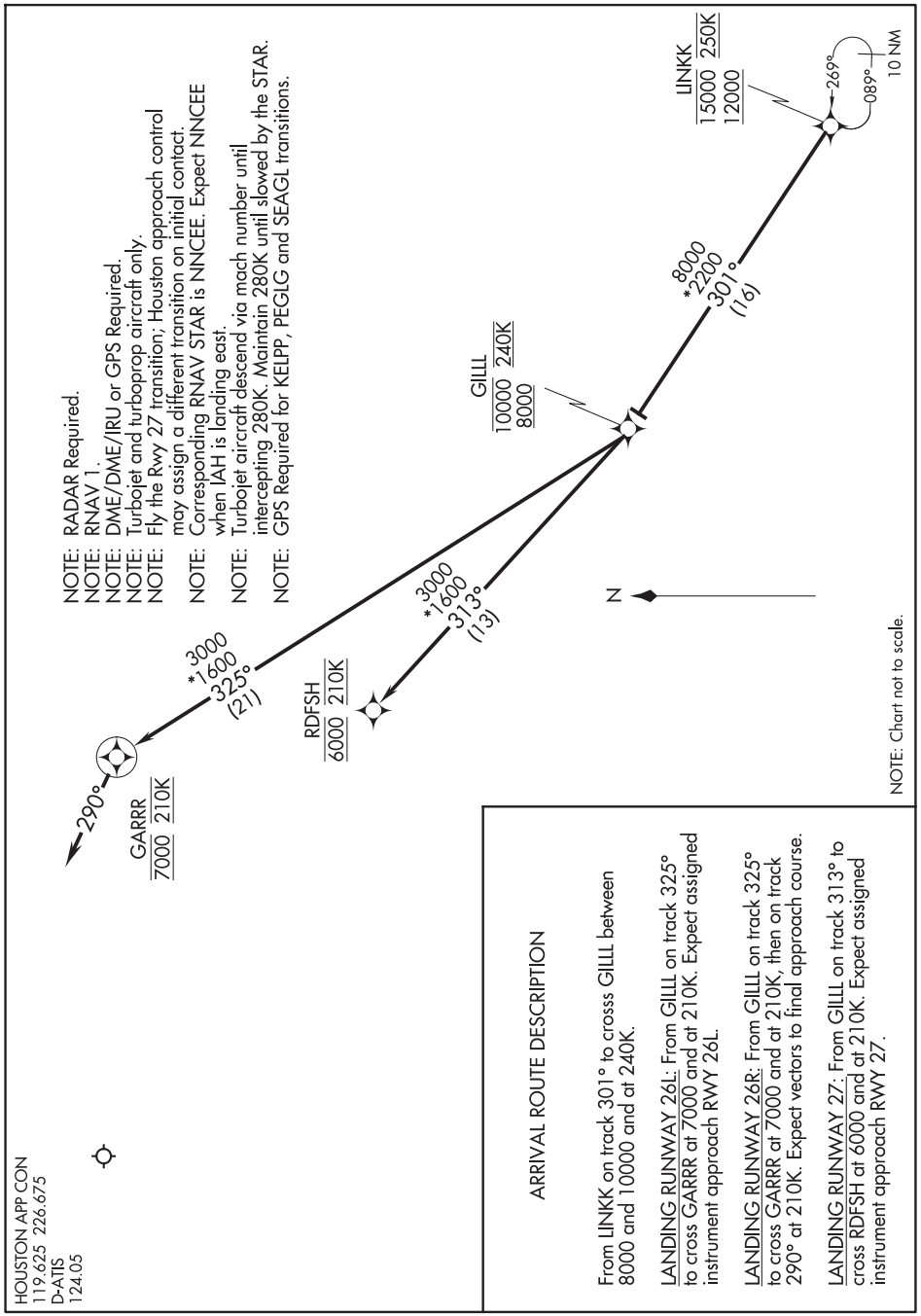
HOUSTON, TEXAS

(LINKK.LINKK1) 30APR15

GEORGE BUSH INTCNTL/HOUSTON (IAH)

LINKK ONE ARRIVAL (RNAV) Arrival Routes

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

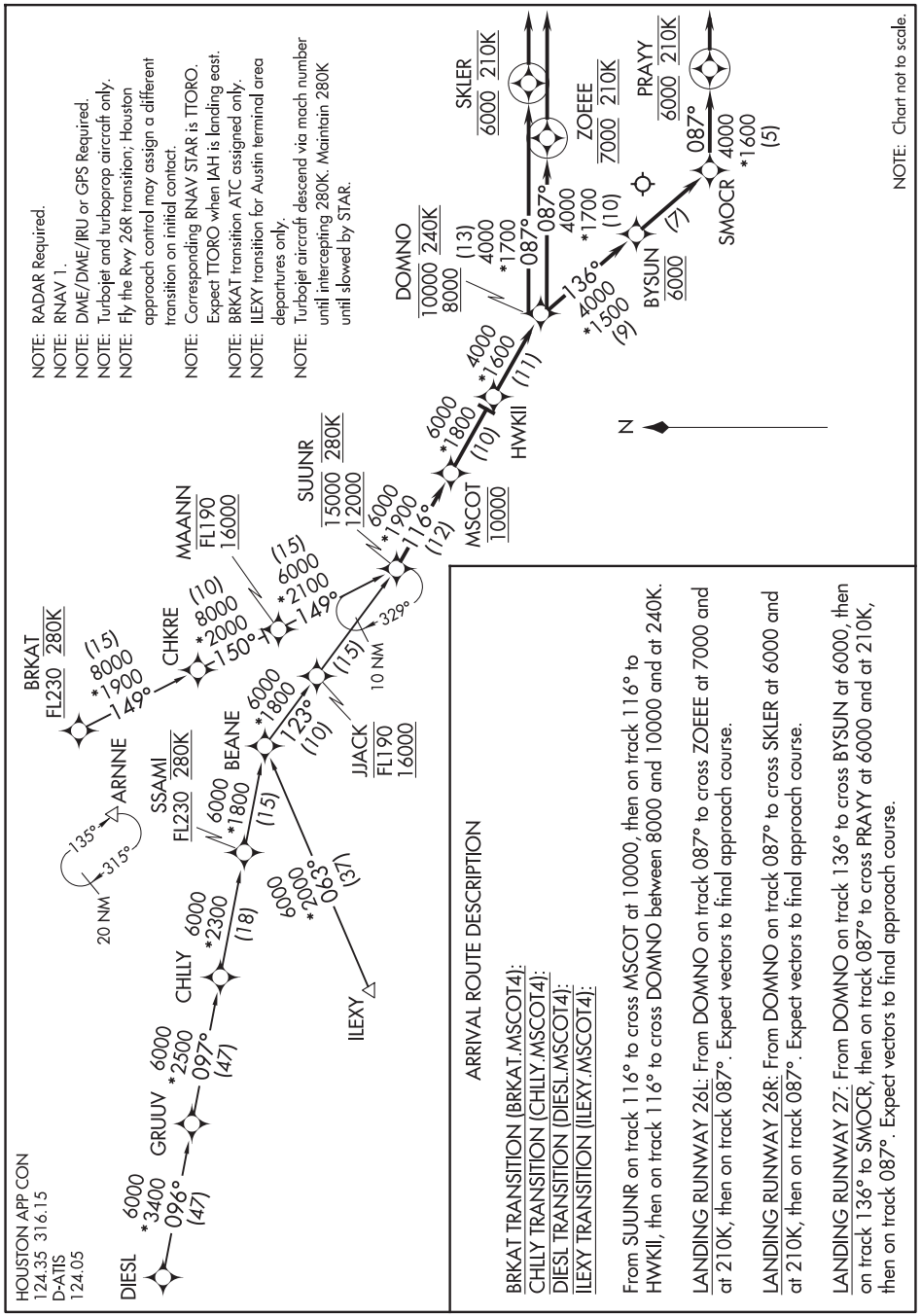
SC-5, 12 JUN 2025 to 07 AUG 2025

(SUUNR.MSCOT4) 21112

MSCOT FOUR ARRIVAL (RNAV) AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)
HOUSTON, TEXAS

NOTE: RADAR Required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS Required.
NOTE: Turbojet and turboprop aircraft only.
NOTE: Fly the Rwy 26R transition; Houston approach control may assign a different transition on initial contact.
NOTE: Corresponding RNAV STAR is TTORO. Expect TTORO when IAH is landing east.
NOTE: BRKAT transition ATC assigned only.
NOTE: ILEXY transition for Austin terminal area departures only.
NOTE: Turbojet aircraft descend via mach number until intercepting 280K. Maintain 280K until slowed by STAR.



ARRIVAL ROUTE DESCRIPTION

BRKAT TRANSITION (BRKAT.MSCOT4):
CHLLY TRANSITION (CHLLY.MSCOT4):
DIESL TRANSITION (DIESL.MSCOT4):
ILEXY TRANSITION (ILEXY.MSCOT4):

From SUUNR on track 116° to cross MSCOT at 10000, then on track 116° to HWKII, then on track 116° to cross DOMNO between 8000 and 10000 and at 240K.

LANDING RUNWAY 26L: From DOMNO on track 087° to cross ZOEEE at 7000 and at 210K, then on track 087°. Expect vectors to final approach course.

LANDING RUNWAY 26R: From DOMNO on track 087° to cross SKLER at 6000 and at 210K, then on track 087°. Expect vectors to final approach course.

LANDING RUNWAY 27: From DOMNO on track 136° to cross BYSUN at 6000, then on track 136° to SMOCR, then on track 087° to cross PRAYY at 6000 and at 210K, then on track 087°. Expect vectors to final approach course.

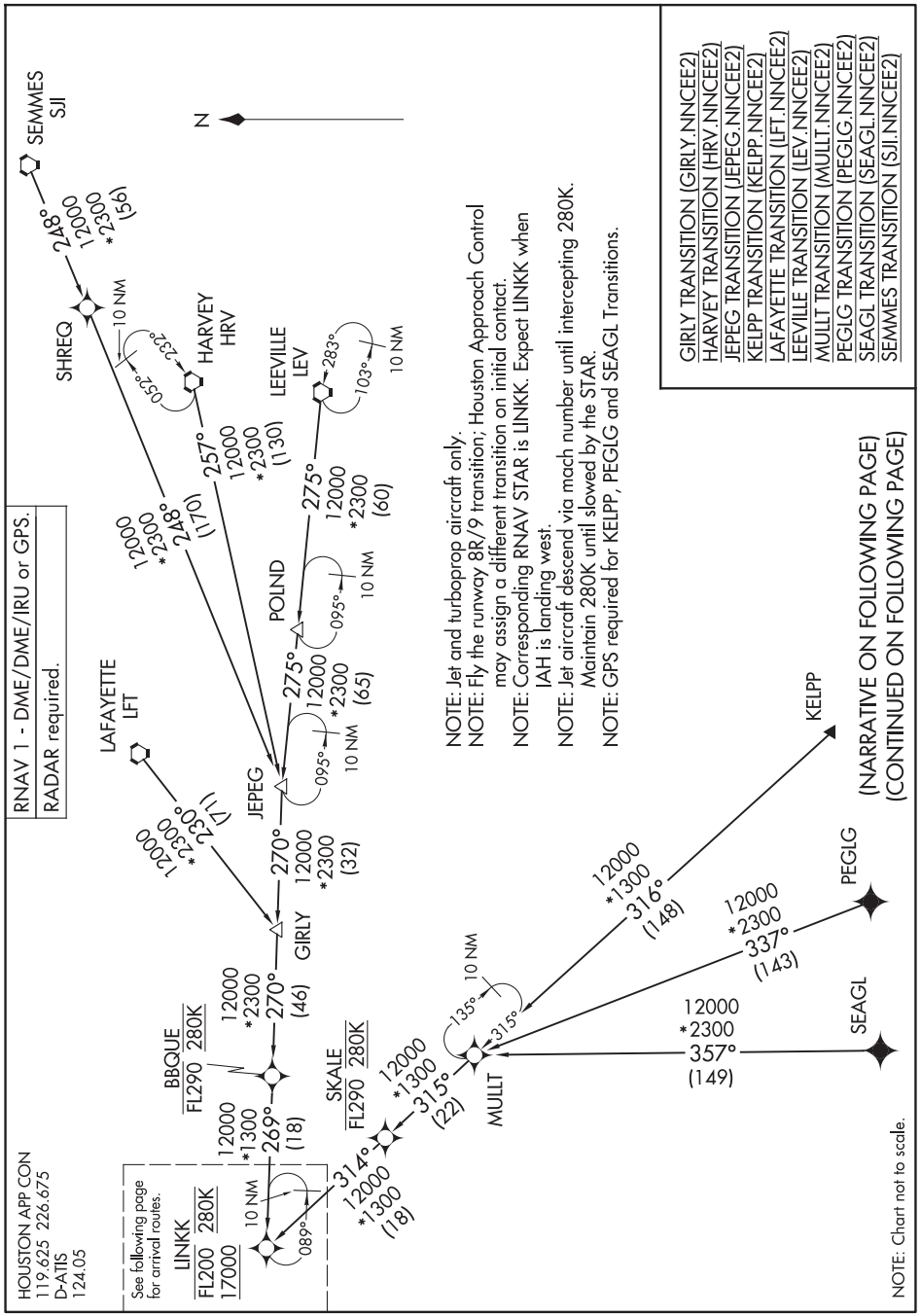
SC-5, 12 JUN 2025 to 07 AUG 2025

MSCOT FOUR ARRIVAL (RNAV)
(SUUNR.MSCOT4) 30APR15

HOUSTON, TEXAS
GEORGE BUSH INTCNTL/HOUSTON (IAH)

NNCEE TWO ARRIVAL (RNAV) Transition Routes

HOUSTON, TEXAS



(NARRATIVE ON FOLLOWING PAGE)
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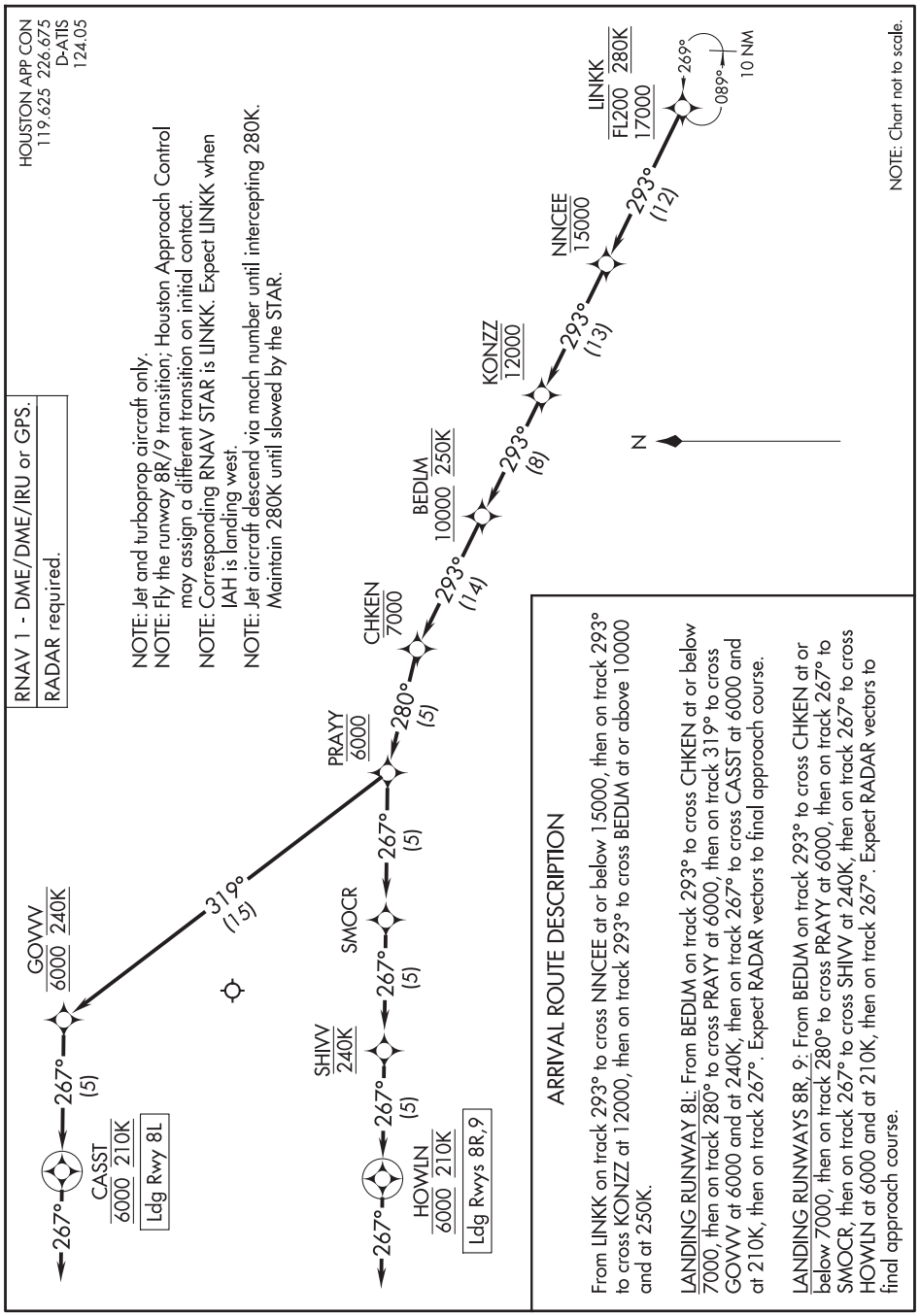
SC-5, 12 JUN 2025 to 07 AUG 2025

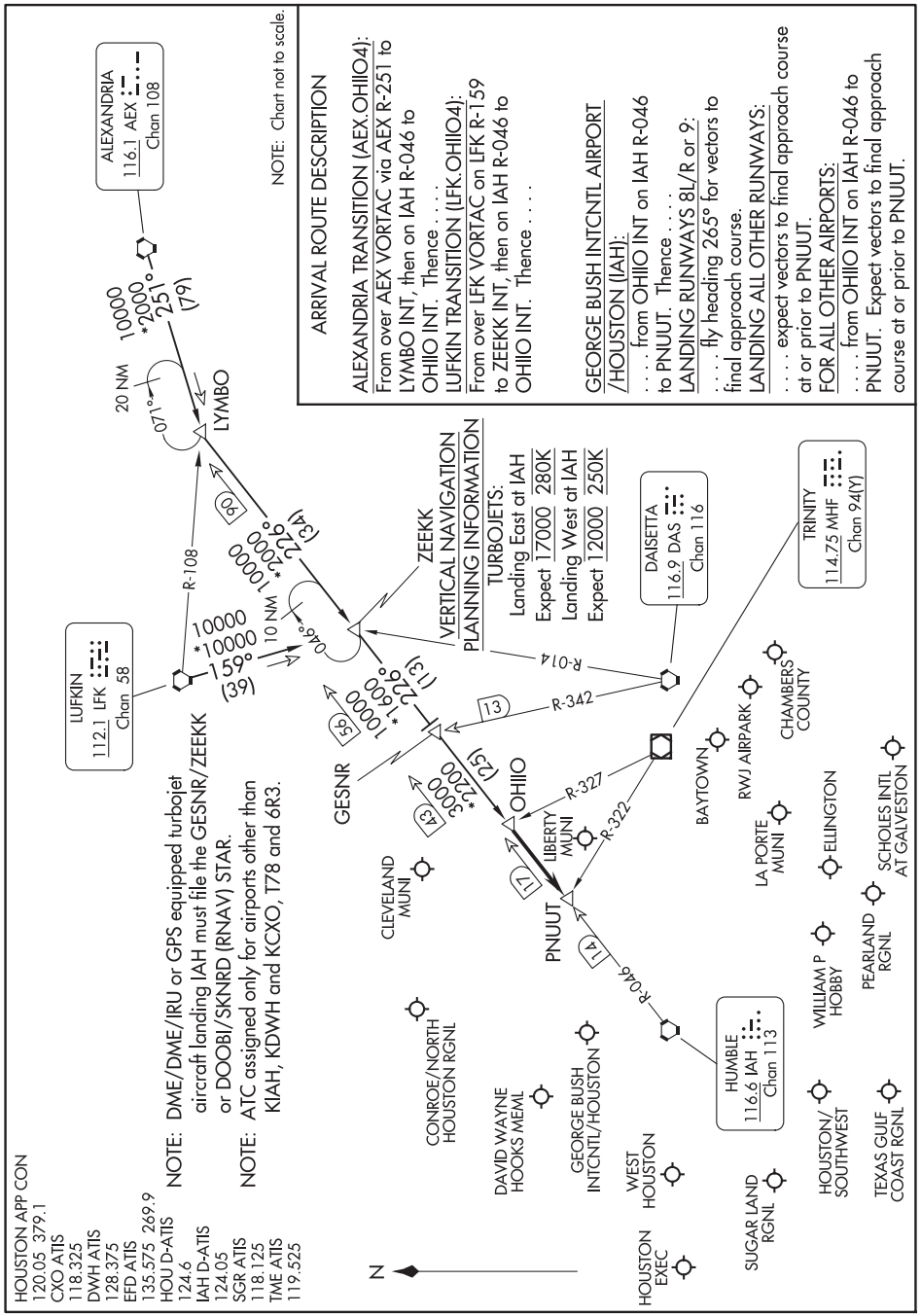
NNCEE TWO ARRIVAL (RNAV) Transition Routes
HOUSTON, TEXAS

NNCEE TWO ARRIVAL (RNAV) Arrival Routes



OHIIO FOUR ARRIVAL

HOUSTON, TEXAS



OHIIO FOUR ARRIVAL

HOUSTON, TEXAS

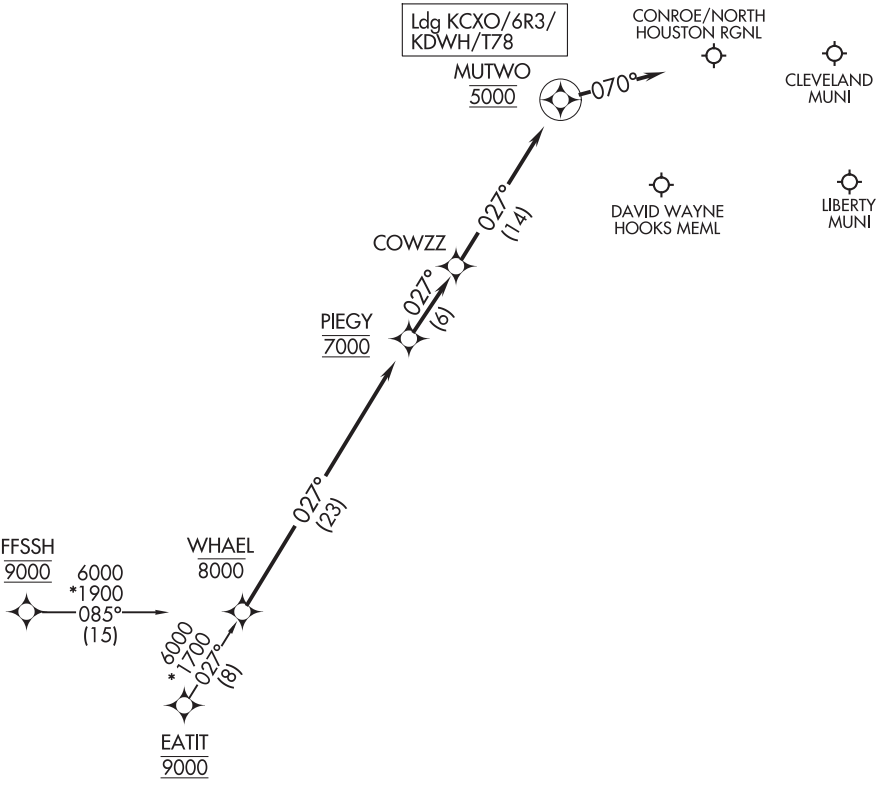
(WHAEL.PIEGY1) 24305 AL-5573 (FAA)

PIEGY ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

HOUSTON APP CON
119.7 281.4
CXO ATIS
118.325
DWH ATIS
128.375

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



NOTE: Chart not to scale.

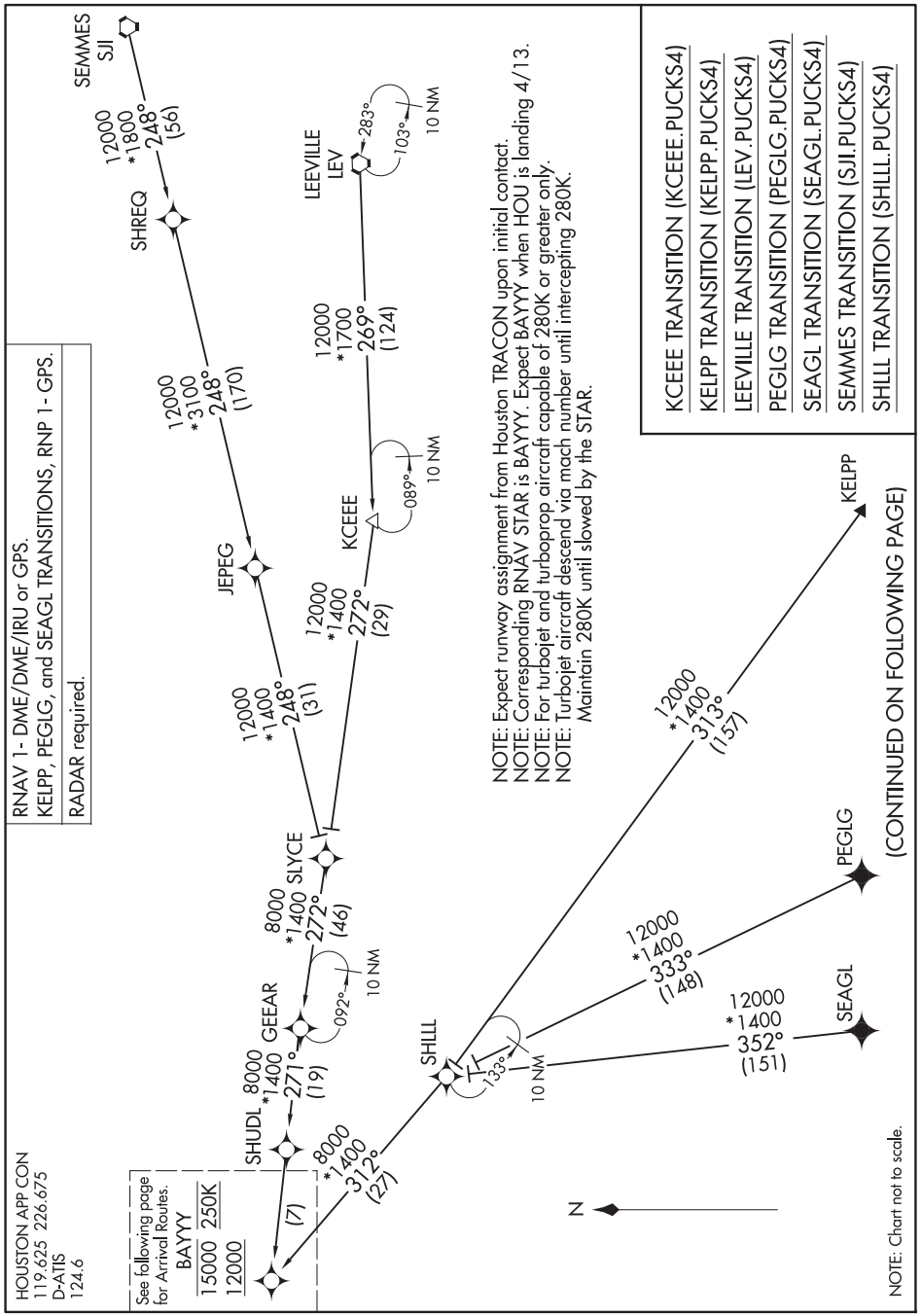
ARRIVAL ROUTE DESCRIPTION

EATIT TRANSITION (EATIT.PIEGY1)
FFSSH TRANSITION (FFSSH.PIEGY1)

LANDING ALL AIRPORTS: From WHAEL on track 027° to cross PIEGY at 7000, then on track 027° to COWZZ, then on track 027° to cross MUTWO at 5000, then on track 070°. Expect RADAR vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025

PUCKS FOUR ARRIVAL (RNAV) Transition Routes



(CONTINUED ON FOLLOWING PAGE)

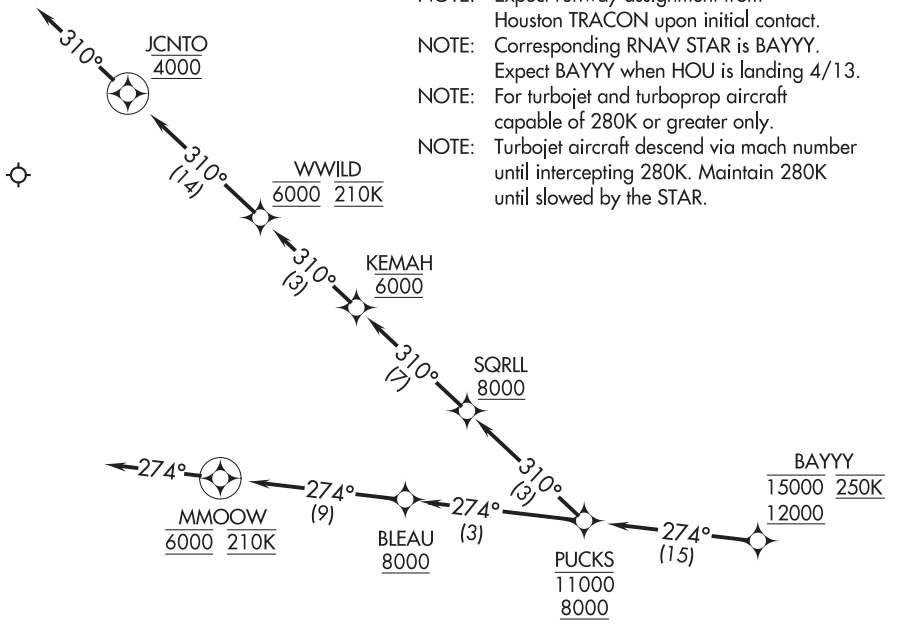
SC-5, 12 JUN 2025 to 07 AUG 2025

PUCKS FOUR ARRIVAL (RNAV) Arrival Routes

HOUSTON APP CON
119.625 226.675
D-ATIS
124.6

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

NOTE: Expect runway assignment from Houston TRACON upon initial contact.
NOTE: Corresponding RNAV STAR is BAYYY. Expect BAYYY when HOU is landing 4/13.
NOTE: For turbojet and turboprop aircraft capable of 280K or greater only.
NOTE: Turbojet aircraft descend via mach number until intercepting 280K. Maintain 280K until slowed by the STAR.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From BAYYY on track 274° to cross PUCKS between 8000 and 11000.

LANDING RUNWAY 22: From PUCKS on track 310° to cross SQRLL at or above 8000, then on track 310° to cross KEMAH at 6000, then on track 310° to cross WWILD at 6000 and at 210K, then on track 310° to cross JCNTO at 4000, then on track 310°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 31L/R: From PUCKS on track 274° to cross BLEAU at or above 8000, then on track 274° to cross MMOOW at 6000 and at 210K, then on track 274°. Expect RADAR vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025

RIICE ONE ARRIVAL

Transition Routes

HOUSTON, TEXAS

HOUSTON APP CON
124.35 316.15
CXO ATIS
118.325
DWH ATIS
128.375
IAH D-ATIS
124.05

RADAR required

MAVERICK
113.1 TTT
Chan 78

COWBOY
116.2 CVE
Chan 109

MILLSAP
117.7 MQP
Chan 124

WACO
115.3 ACT
Chan 100

CENTEX
112.8 CWK
Chan 75

COLLEGE STATION
113.3 CLL
Chan 80

NAVASOTA
115.9 TNV
Chan 106

LEONA
110.8 LOA
Chan 45

BILEE TRANSITION (BILEE.RIICE1): From over BILEE on TNV R-334 to HOMRN, then on IAH R-313 to RIICE. Thence. . . .

COLLEGE STATION TRANSITION (CLL.RIICE1): From over CLL VORTAC on CLL R-076 to BAZBL, then on IAH R-313 to RIICE. Thence. . . .

COWBOY TRANSITION (CVE.RIICE1): From over CVE VOR/DME on CVE R-160 to TORNN, then on TNV R-334 to HOMRN, then on IAH R-313 to RIICE. Thence. . . .

ILEXY TRANSITION (ILEXY.RIICE1): From over ILEXY on CLL R-238 to CLL VORTAC, then on CLL R-076 to BAZBL, then on IAH R-313 to RIICE. Thence. . . .

LEONA TRANSITION (LOA.RIICE1): From over LOA VORTAC on LOA R-181 to BAZBL, then on IAH R-313 to RIICE. Thence. . . .

MILLSAP TRANSITION (MQP.RIICE1): From over MQP VORTAC on MQP R-124 to TORNN, then on TNV R-334 to HOMRN, then on IAH R-313 to RIICE. Thence. . . .

TORNN TRANSITION (TORNN.RIICE1): From over TORNN on TNV R-334 to HOMRN, then on IAH R-313 to RIICE. Thence. . . .

NOTE: DME/DME/IRU or GPS equipped jet or turboprop aircraft landing IAH capable of 280K or greater must file the DRLLR/GUSHR (RNAV) STARs.

RIICE
Jets:
Landing east at IAH:
Expect 9000
Landing west at IAH:
Expect 16000 280K

NOTE: Chart not to scale.

See following page for arrival routes.

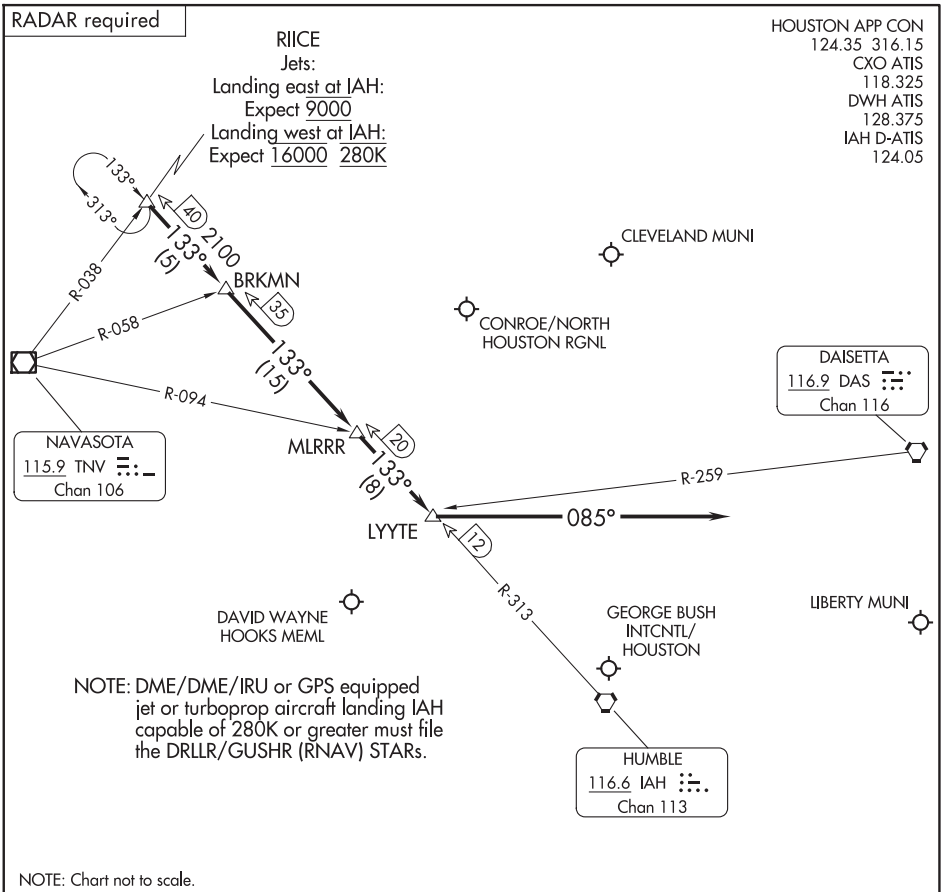
(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

RIICE ONE ARRIVAL

Arrival Routes

HOUSTON, TEXAS



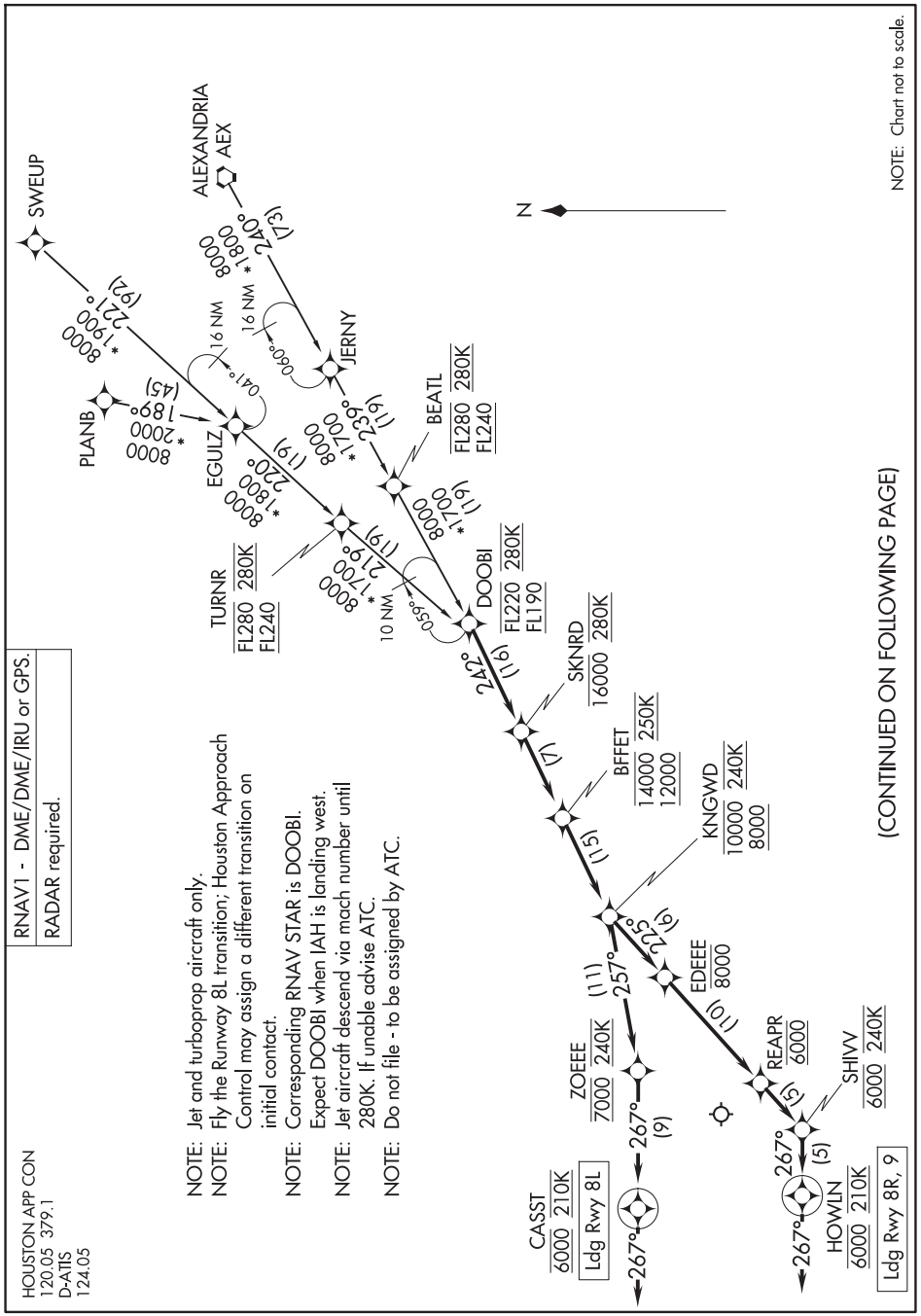
ARRIVAL ROUTE DESCRIPTION

GEORGE BUSH INTCNTL/HOUSTON (IAH):
. . . . From over RIICE on IAH R-313 to BRKMN, to MLRRR, to LYYTE.

LANDING RUNWAYS 26L/R or 27:
. . . . Fly heading 085° for vectors to final approach course.

LANDING ALL OTHER RUNWAYS:
. . . . Expect vectors to final approach course at or prior to LYYTE.

FOR ALL OTHER AIRPORTS:
. . . . From over RIICE on IAH R-313 to BRKMN, thence as depicted to LYYTE. Expect vectors to final approach course at or prior to LYYTE.


HOUSTON APP CON
120.05 379.1
D-ATIS
124.05
RNAV1 - DME/DME/IRU or GPS.
RADAR required.
NOTE: Jet and turboprop aircraft only.
NOTE: Fly the Runway 8L transition; Houston Approach Control may assign a different transition on initial contact.
NOTE: Corresponding RNAV STAR is DOOBI. Expect DOOBI when IAH is landing west.
NOTE: Jet aircraft descend via mach number until 280K. If unable advise ATC.
NOTE: Do not file - to be assigned by ATC.
SWEUP
PLANB
8000 *2000 189° (45)
8000 *1900 221° (92)
041°
16 NM
EGULZ
8000 *1800 220° (19)
TURNR
FL280 280K
FL240
8000 *1700 219° (19)
10 NM
059°
ALEXANDRIA
AEX
8000 *1800 240° (21)
16 NM
060°
JERNY
8000 *1700 239° (19)
BEATL
FL280 280K
FL240
8000 *1700 (19)
DOOBI
FL220 280K
FL190
247° (9)
SKNRD
16000 280K
(7)
BFFET
14000 250K
12000
(5)
KNGWD
10000 240K
8000
(1)
225° (9)
EDEEE
8000
(11)
257°
ZOEEE
7000 240K
267° (9)
267°
CASST
6000 210K
Ldg Rwy 8L
267°
(11)
REAPR
6000
(5)
SHIVV
6000 240K
267°
(5)
HOWLN
6000 210K
Ldg Rwy 8R, 9
267°
N
NOTE: Chart not to scale.
(CONTINUED ON FOLLOWING PAGE)

(DOOBI.SKNRD5) 25163

SKNRD FIVE ARRIVAL(RNAV)

AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)
HOUSTON, TEXAS

ARRIVAL ROUTE DESCRIPTION

ALEXANDRIA TRANSITION (AEX.SKNRD5)
PLANB TRANSITION (PLANB.SKNRD5)
SWEUP TRANSITION (SWEUP.SKNRD5)

From DOOBI on track 242° to cross SKNRD at or below 16000 and at 280K.

LANDING RUNWAY 8L: From SKNRD on track 242° to cross BFFET between 12000 and 14000 and at 250K, then on track 242° to cross KNGWD at between 8000 and 10000 and at 240K, then on track 257° to cross ZOEEE at 7000 and at 240K, then on track 267° to cross CASST at 6000 and at 210K, then on track 267°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 8R, 9: From SKNRD on track 242° to cross BFFET between 12000 and 14000 and at 250K, then on track 242° to cross KNGWD between 8000 and 10000 and at 240K, then on track 225° to cross EDEEE at or below 8000, then on track 225° to cross REAPR at 6000, then on track 225° to cross SHIVV at 6000 and at 240K, then on track 267° to cross HOWLN at 6000 and at 210K, then on track 267°. Expect RADAR vectors to final approach course.

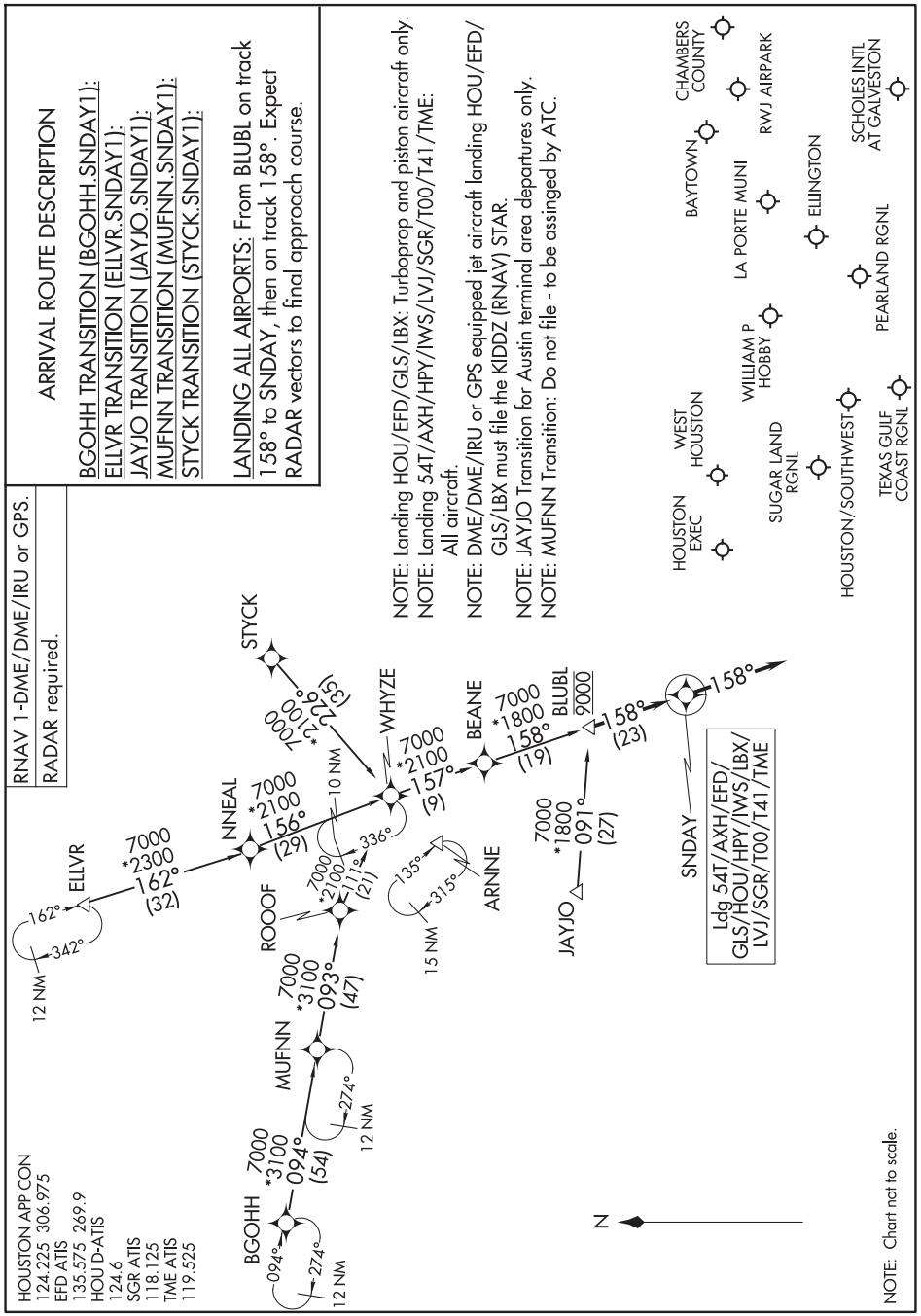
SC-5, 12 JUN 2025 to 07 AUG 2025

SKNRD FIVE ARRIVAL (RNAV)
(DOOBI.SKNRD5) 12JUN25

HOUSTON, TEXAS
GEORGE BUSH INTCNTL/HOUSTON (IAH)

SNDAY ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

SNDAY ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

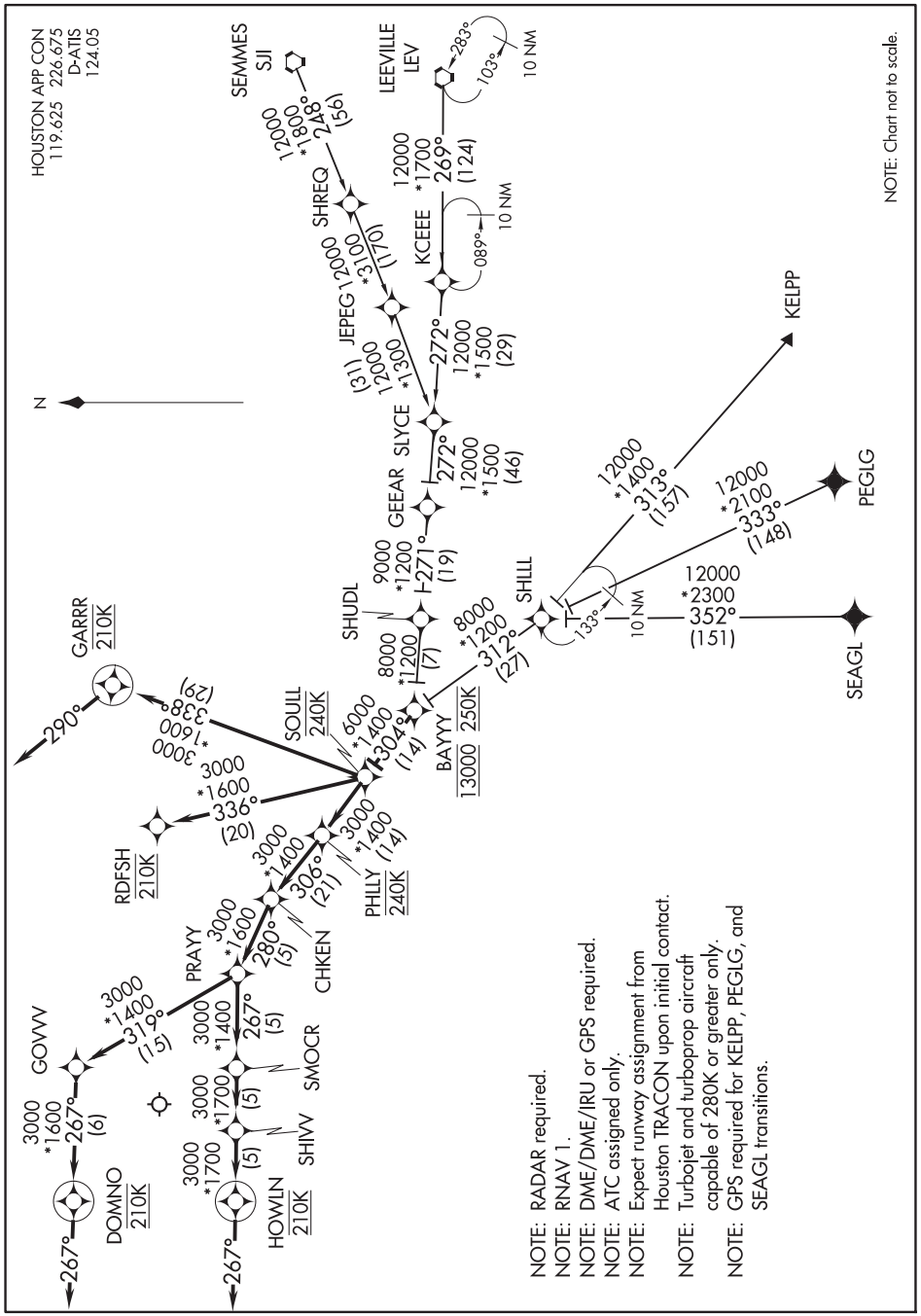
(BAYYY.SOULL1) 21112

SOULL ONE ARRIVAL (RNAV)

GEORGE BUSH INTCNTL/HOUSTON (IAH)

AL-5461 (FAA)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

SOULL ONE ARRIVAL (RNAV)

(BAYYY.SOULL1) 08JAN15

HOUSTON, TEXAS

GEORGE BUSH INTCNTL/HOUSTON (IAH)

KCEEE TRANSITION (KCEEE.SOULL1):
KELPP TRANSITION (KELPP.SOULL1):
LEEVILLE TRANSITION (LEV.SOULL1):
PEGLG TRANSITION (PEGLG.SOULL1):
SEAGL TRANSITION (SEAGL.SOULL1):
SHLLL TRANSITION (SHLLL.SOULL1):
SEMMES TRANSITION (SJI.SOULL1):

ARRIVAL ROUTE DESCRIPTION

From BAYYY on track 304° to SOULL at 240K.

LANDING RUNWAY 8L: From SOULL on track 304° to PHLLY at 240K, then on track 306° to CHKEN, then on track 280° to PRAYY, then on track 319° to GOVVV, then on track 267° to DOMNO at 210K, then on track 267° at 210K. Expect vectors to final approach course.

LANDING RUNWAY 8R: From SOULL on track 304° to PHLLY at 240K, then on track 306° to CHKEN, then on track 280° to PRAYY, then on track 267° to SMOCR, then on track 267° to SHIVV, then on track 267° to HOWLN at 210K, then on track 267°. Expect vectors to final approach course.

LANDING RUNWAY 9: From SOULL on track 304° to PHLLY at 240K, then on track 306° to CHKEN, then on track 280° to PRAYY, then on track 267° to SMOCR, then on track 267° to SHIVV, then on track 267° to HOWLN at 210K, then on track 267°. Expect vectors to final approach course.

LANDING RUNWAY 26L: From SOULL on track 338° to GARRR at 210K.
Expect ILS or LOC Rwy 26L.

LANDING RUNWAY 26R: From SOULL on track 338° to GARRR at 210K, then on track 290°at 210K. Expect vectors to final approach course.

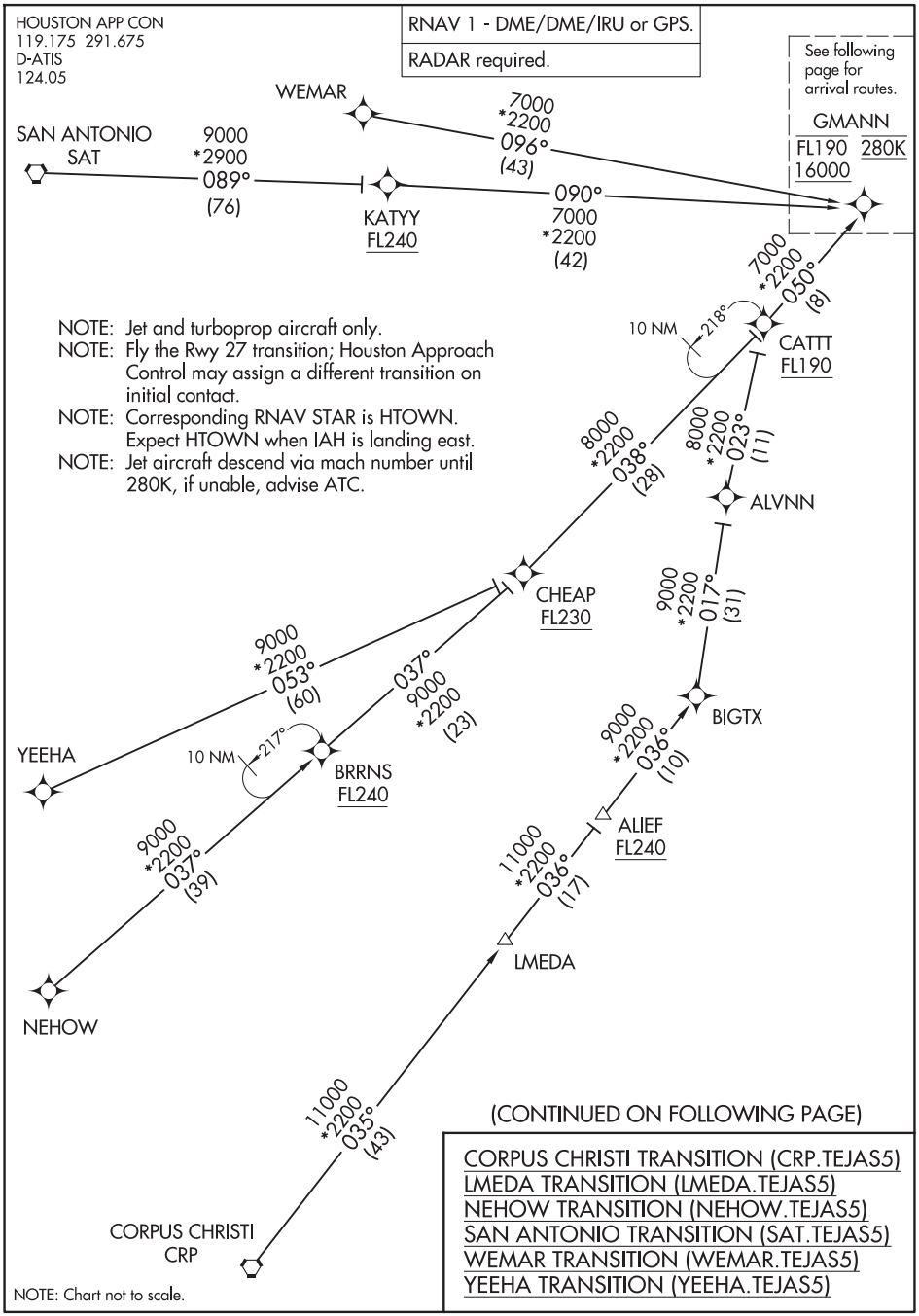
LANDING RUNWAY 27: From SOULL on track 336° to RDFSH at 210K.
Expect ILS or LOC Rwy 27.

(GMANN.TEJAS5) 23278

GEORGE BUSH INTCNTL/HOUSTON (IAH)

TEJAS FIVE ARRIVAL (RNAV) Transition Routes

HOUSTON, TEXAS



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CORPUS CHRISTI TRANSITION (CRP.TEJAS5)
LMEDA TRANSITION (LMEDA.TEJAS5)
NEHOW TRANSITION (NEHOW.TEJAS5)
SAN ANTONIO TRANSITION (SAT.TEJAS5)
WEMAR TRANSITION (WEMAR.TEJAS5)
YEEHA TRANSITION (YEEHA.TEJAS5)

SC-5, 12 JUN 2025 to 07 AUG 2025

TEJAS FIVE ARRIVAL (RNAV) Arrival Routes

(GMANN.TEJAS5) 05OCT23

GEORGE BUSH INTCNTL/HOUSTON (IAH)

HOUSTON, TEXAS

ARRIVAL ROUTE DESCRIPTION

From GMANN on track 058° to cross CITTE at or below 16000, then on track 059° to cross TEJAS between 12000 and 14000 and at 250K.

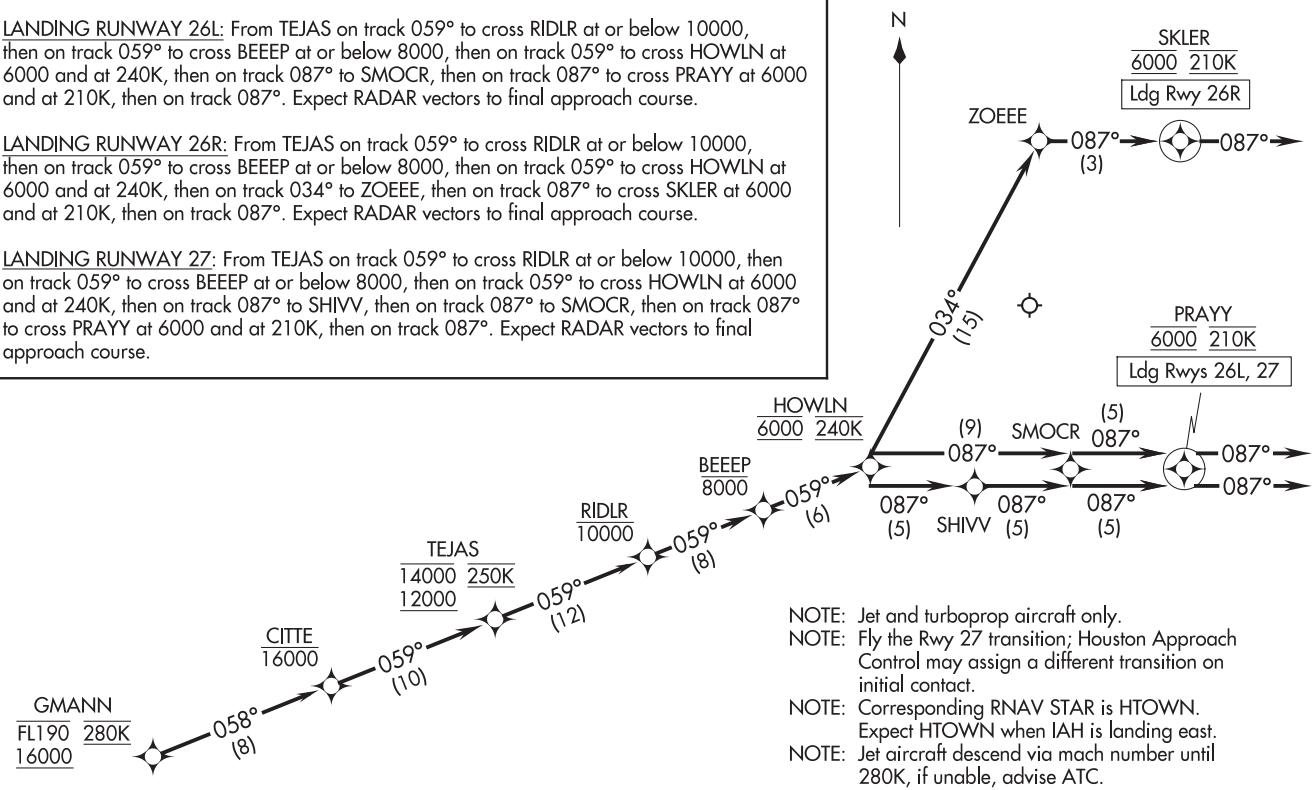
LANDING RUNWAY 26L: From TEJAS on track 059° to cross RIDLR at or below 10000, then on track 059° to cross BEEEP at or below 8000, then on track 059° to cross HOWLN at 6000 and at 240K, then on track 087° to SMOCR, then on track 087° to cross PRAYY at 6000 and at 210K, then on track 087°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 26R: From TEJAS on track 059° to cross RIDLR at or below 10000, then on track 059° to cross BEEEP at or below 8000, then on track 059° to cross HOWLN at 6000 and at 240K, then on track 034° to ZOEEE, then on track 087° to cross SKLER at 6000 and at 210K, then on track 087°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 27: From TEJAS on track 059° to cross RIDLR at or below 10000, then on track 059° to cross BEEEP at or below 8000, then on track 059° to cross HOWLN at 6000 and at 240K, then on track 087° to SHIVV, then on track 087° to SMOCR, then on track 087° to cross PRAYY at 6000 and at 210K, then on track 087°. Expect RADAR vectors to final approach course.

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

HOUSTON APP CON
119.175 291.675
D-ATIS
124.05



NOTE: Jet and turboprop aircraft only.
NOTE: Fly the Rwy 27 transition; Houston Approach Control may assign a different transition on initial contact.
NOTE: Corresponding RNAV STAR is HTOWN. Expect HTOWN when IAH is landing east.
NOTE: Jet aircraft descend via mach number until 280K, if unable, advise ATC.

NOTE: Chart not to scale.

TEJAS FIVE ARRIVAL (RNAV) Arrival Routes

(GMANN.TEJAS5) 23278

GEORGE BUSH INTCNTL/HOUSTON (IAH)

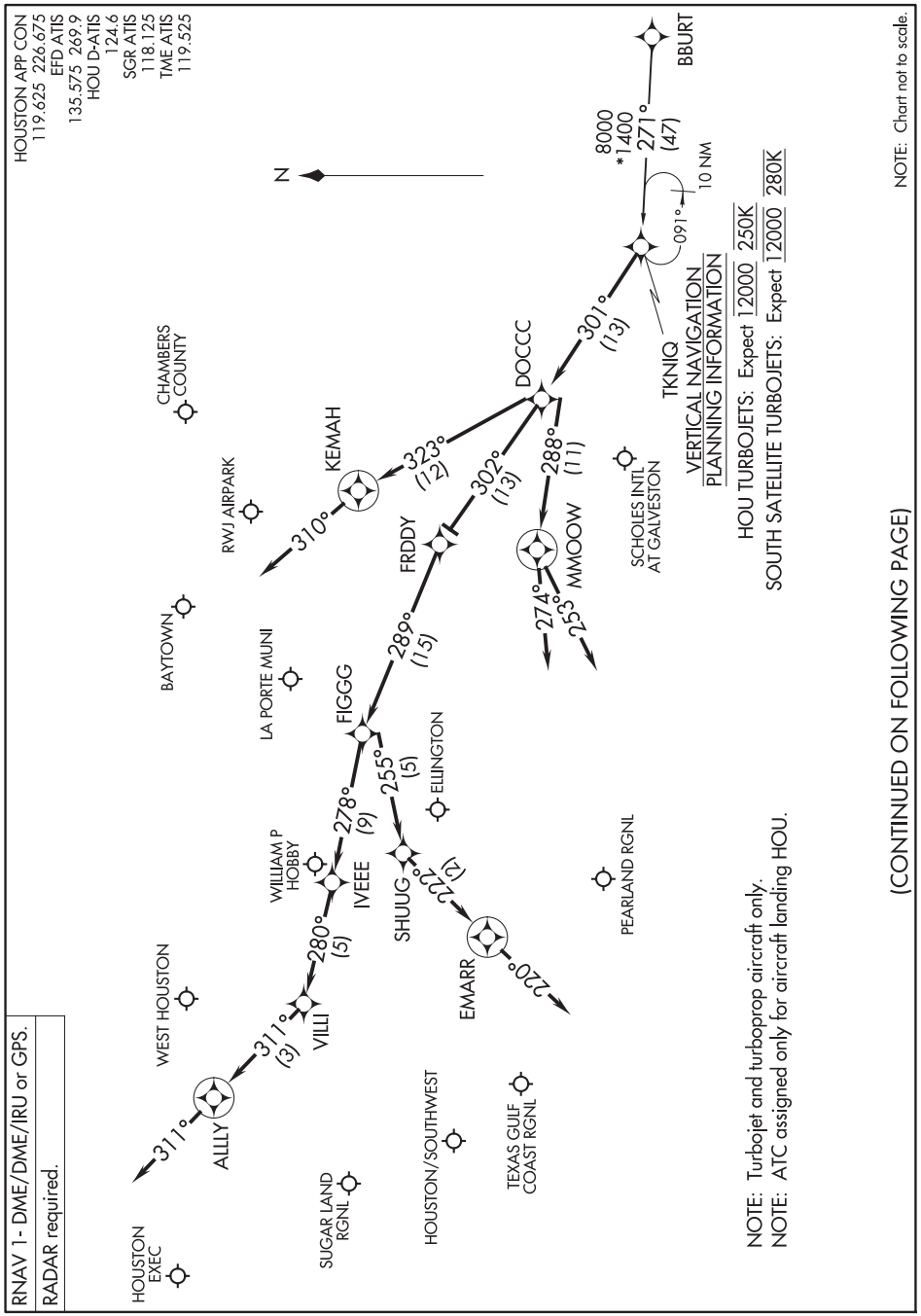
HOUSTON, TEXAS

AL-5461 (FAA)

SC-5, 12 JUN 2025 to 07 AUG 2025

TKNIQ THREE ARRIVAL (RNAV)

HOUSTON, TEXAS



TKNIQ THREE ARRIVAL (RNAV)
HOUSTON, TEXAS

ARRIVAL ROUTE DESCRIPTION

BBURT TRANSITION (BBURT.TKNIQ3)

From TKNIQ on track 301° to DOCCC.

LANDING HOU RUNWAY 4: From DOCCC on track 302° to FRDDY, then on track 289° to FIGGG, then on track 255° to SHUUG, then on track 222° to EMARR, then on track 220°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAYS 13L/R: From DOCCC on track 302° to FRDDY, then on track 289° to FIGGG, then on track 278° to IVEEE, then on track 280° to VILLI, then on track 311° to ALLLY, then on track 311°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAY 22: From DOCCC on track 323° to KEMAH, then on track 310°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAYS 31L/R: From DOCCC on track 288° to MMOOW, then on track 274°. Expect RADAR vectors to final approach course.

LANDING AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41, 54T: From DOCCC on track 288° to MMOOW, then on track 253°. Expect RADAR vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

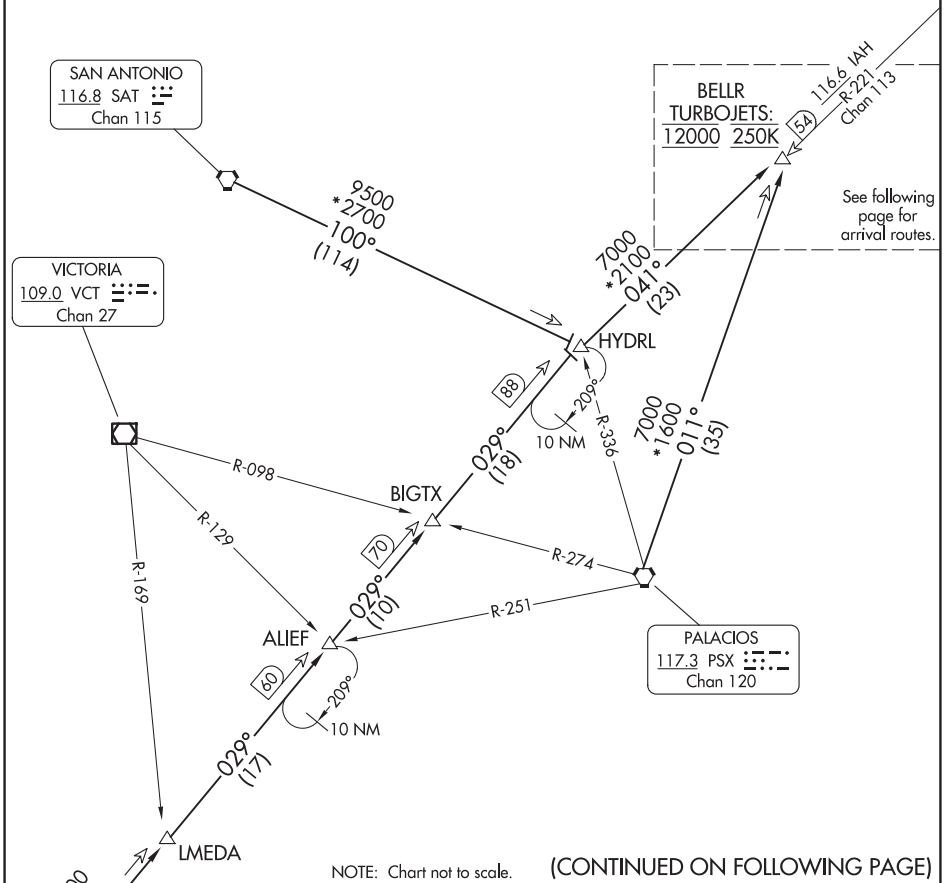
TSHRT TWO ARRIVAL

Transition Routes

HOUSTON, TEXAS

HOUSTON APP CON
119.175 291.675
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6
SGR ATIS
118.125
TME ATIS
119.525

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS equipped turbojet and turboprop aircraft landing HOU must file the BELLR (RNAV) STAR.
NOTE: DME required.
NOTE: DME required for holding at HYDRL.



NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

CORPUS CHRISTI TRANSITION (CRP.TSHRT2): From over CRP VORTAC on CRP R-029 to HYDRL, then on IAH R-221 to BELLR. Thence . . . .

PALACIOS TRANSITION (PSX.TSHRT2): From over PSX VORTAC on PSX R-011 to BELLR. Thence . . . .

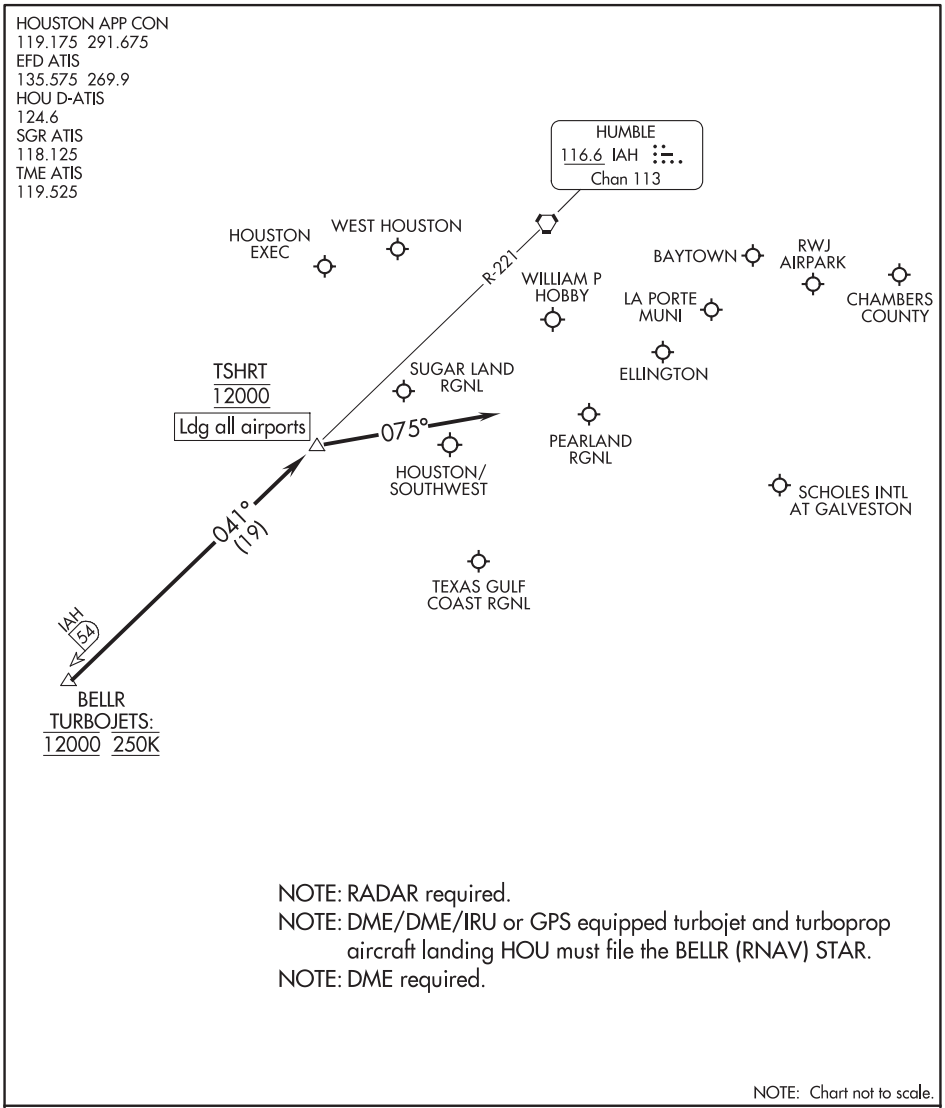
SAN ANTONIO TRANSITION (SAT.TSHRT2): From over SAT VORTAC on SAT R-100 to HYDRL, then on IAH R-221 to BELLR. Thence . . . .

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

TSHRT TWO ARRIVAL

Arrival Routes

HOUSTON, TEXAS



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS equipped turbojet and turboprop aircraft landing HOU must file the BELLR (RNAV) STAR.

NOTE: DME required.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

. . . . from over BELLR on IAH R-221 to cross TSHRT at 12000. From TSHRT fly heading 075° for vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025

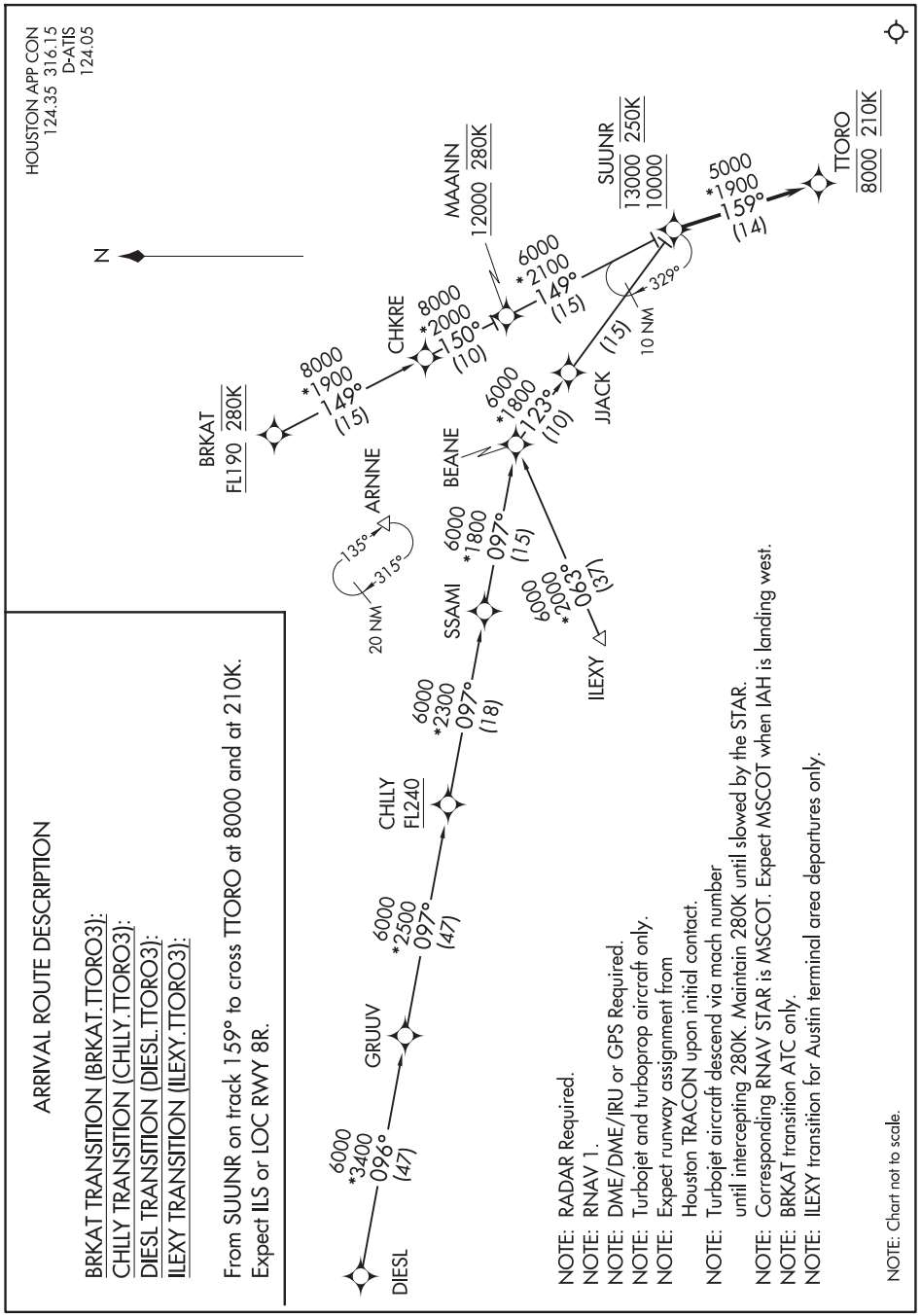
TSHRT TWO ARRIVAL Arrival Routes HOUSTON, TEXAS

(SUUNR.TTORO3) 21112

GEORGE BUSH INTCNTL/HOUSTON (IAH)

TTORO THREE ARRIVAL (RNAV) AL-5461 (FAA)

HOUSTON, TEXAS



ARRIVAL ROUTE DESCRIPTION

BRKAT TRANSITION (BRKAT.TTORO3):
CHILLY TRANSITION (CHILLY.TTORO3):
DIESL TRANSITION (DIESL.TTORO3):
ILEXY TRANSITION (ILEXY.TTORO3):

From SUUNR on track 159° to cross TTORO at 8000 and at 210K.
Expect ILS or LOC RWY 8R.

NOTE: RADAR Required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS Required.
NOTE: Turbojet and turboprop aircraft only.
NOTE: Expect runway assignment from Houston TRACON upon initial contact.
NOTE: Turbojet aircraft descend via mach number until intercepting 280K. Maintain 280K until slowed by the STAR.
NOTE: Corresponding RNAV STAR is MSCOT. Expect MSCOT when IAH is landing west.
NOTE: BRKAT transition ATC only.
NOTE: ILEXY transition for Austin terminal area departures only.

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

TTORO THREE ARRIVAL (RNAV)

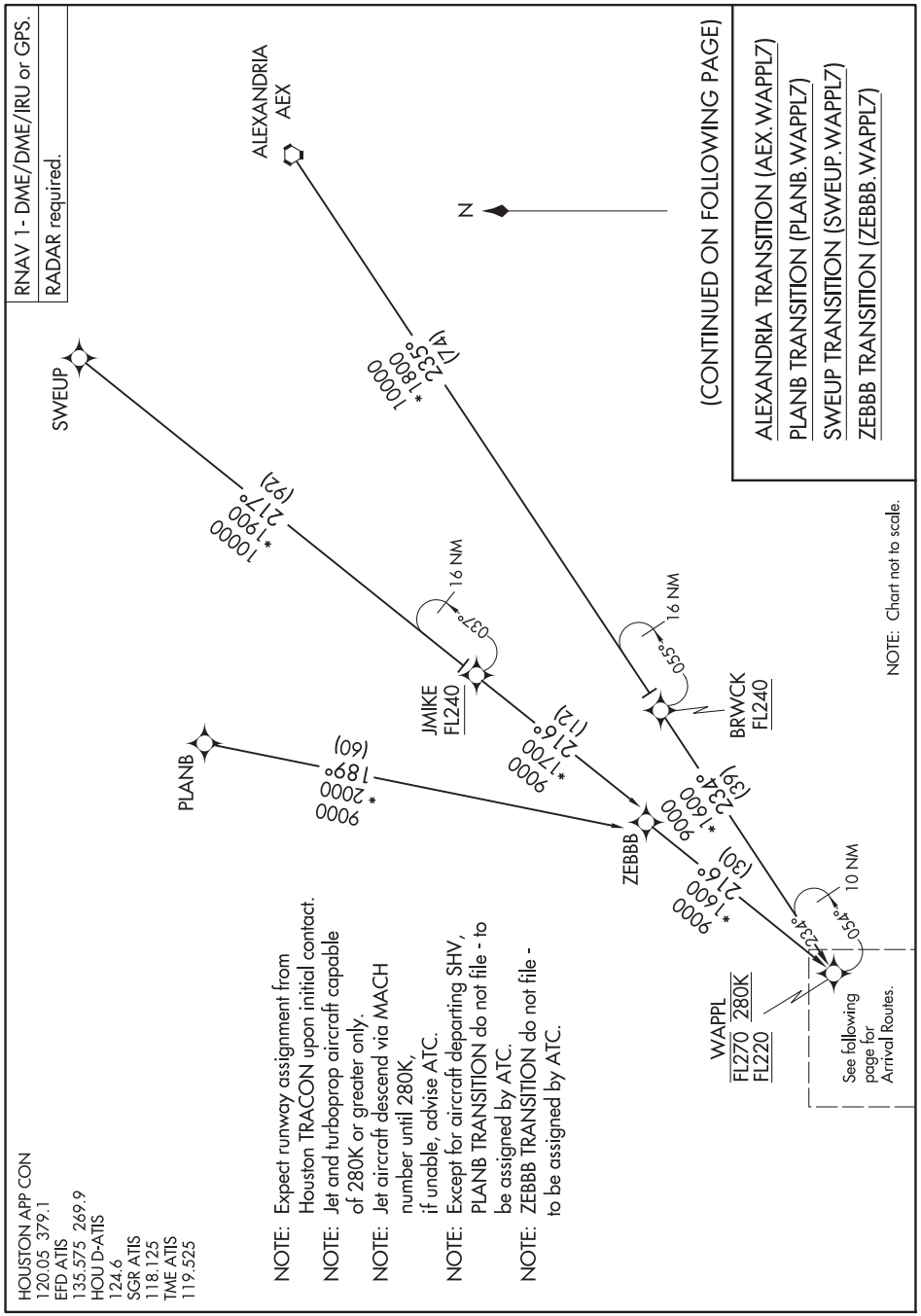
(SUUNR.TTORO3) 30APR15

HOUSTON, TEXAS

GEORGE BUSH INTCNTL/HOUSTON (IAH)

WAPPL SEVEN ARRIVAL (RNAV) Transition Routes

HOUSTON, TEXAS

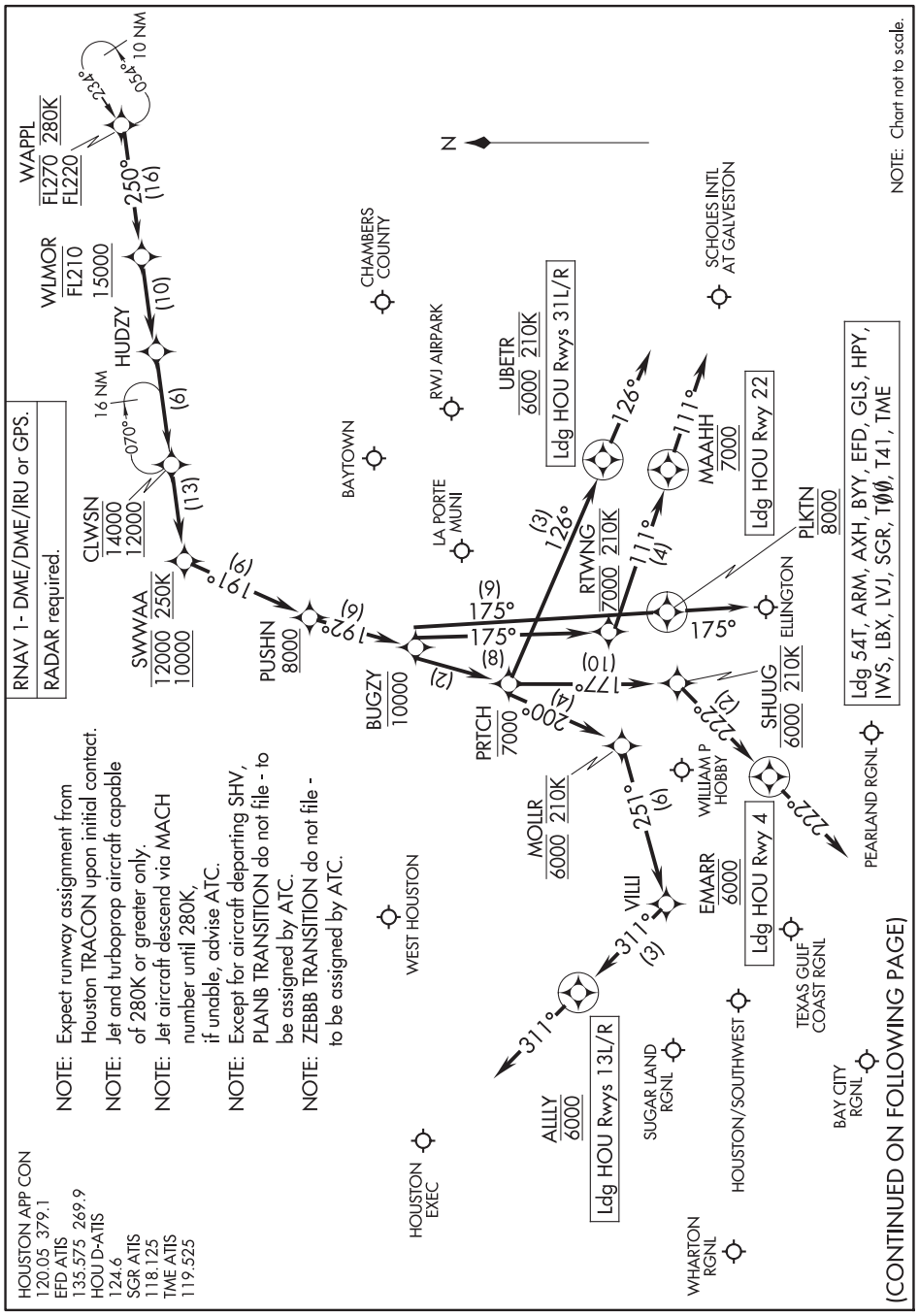


SC-5, 12 JUN 2025 to 07 AUG 2025

WAPPL SEVEN ARRIVAL (RNAV) Transition Routes HOUSTON, TEXAS

WAPPL SEVEN ARRIVAL (RNAV) Arrival Routes

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

WAPPL SEVEN ARRIVAL (RNAV) Arrival Routes
HOUSTON, TEXAS

ARRIVAL ROUTE DESCRIPTION

From WAPPL on track 250° to cross WLMOR between 15000 and FL210, then on track 250° to HUDZY, then on track 250° to cross CLWSN between 12000 and 14000, then on track 250° to cross SWWAA between 10000 and 12000 and at 250K, then on track 191° to cross PUSHN at or above 8000.

LANDING HOU RUNWAY 4: From PUSHN on track 192° to cross BUGZY at or below 10000, then on track 192° to cross PRTCH at or below 7000, then on track 177° to cross SHUUG at 6000 and at 210K, then on track 222° to cross EMARR at 6000, then on track 222°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAYS 13L/R: From PUSHN on track 192° to cross BUGZY at or below 10000, then on track 192° to cross PRTCH at or below 7000, then on track 200° to cross MOLLR at 6000 and at 210K, then on track 251° to VILLI, then on track 311° to cross ALLLY at 6000, then on track 311°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAY 22: From PUSHN on track 192° to cross BUGZY at or below 10000, then on track 175° to cross RTWNG at 7000 and at 210K, then on track 111° to cross MAAHH at 7000, then on track 111°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAYS 31L/R: From PUSHN on track 192° to cross BUGZY at or below 10000, then on track 192° to cross PRTCH at or below 7000, then on track 126° to cross UBETR at 6000 and at 210K, then on track 126°. Expect RADAR vectors to final approach course.

LANDING GLS/TME/AXH/HPY/T41/54T/TØØ/SGR/ARM/BYY/LBX/LVJ/IWS/EFD: From WAPPL on track 250° to cross WLMOR between 15000 and FL210, then on track 250° to HUDZY, then on track 250° to cross CLWSN between 12000 and 14000, then on track 250° to cross SWWAA between 10000 and 12000 and at 250K, then on track 191° to cross PUSHN at or above 8000, then on track 192° to cross BUGZY at or below 10000, then on track 175° to cross PLKTN at 8000, then on track 175°. Expect RADAR vectors to final approach course.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(ZEEKK.ZEEKK3) 25163

GEORGE BUSH INTCNTL/HOUSTON (IAH)

ZEEKK THREE ARRIVAL(RNAV) AL-5461 (FAA)

HOUSTON, TEXAS

HOUSTON APP CON
120.05 379.1
D-ATIS
124.05

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

PLANB
8000 *1900 209° (37)
CARPR 280K
DOOTL FL200 17000
SWEUP
8000 *2000 225° (89)
8000 *1900 209° (18)
DLAKE FL240 280K
045° 16 NM
MURFF FL200 17000
8000 *2000 224° (18)
ALEXANDRIA AEX
16 NM 065°
8000 *1900 245° (74)
8000 *1900 244° (18)
EMGEE FL240 280K
(20) *1900 (20)
10 NM 044°
ZEEKK 14000 12000 250K
(20)
SCHEX FL200 17000
211° (13)
BLUUZ 10000 240K
(8) 194°
172° (7)
TABRR 7000 6000
PPUNK 8000
(7)
(6)
VZEEE 6000
HOOTI 6000 210K
Ldg Rwy 26R
191° (16)
(5)
SOFFT
ODISS 8000 210K
185° (4)
216° (3)
CLSIK 4000 210K
Ldg Rwy 27
BOZZZ 8000 210K
Ldg Rwy 26L

NOTE: Jet or turboprop aircraft capable of 280K or greater only.
NOTE: Fly the runway 26R transition; Houston Approach Control may assign a different transition on initial contact.
NOTE: Corresponding RNAV STAR is GESNR. Expect GESNR when IAH is landing east.
NOTE: Except for aircraft departing SHV, PLANB TRANSITION, ATC assigned only.
NOTE: CARPR TRANSITION ATC assigned only.
NOTE: Jet aircraft descend via mach number until 280K. If unable, advise ATC.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

ARRIVAL ROUTE DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ZEEKK3)
CARPR TRANSITION (CARPR.ZEEKK3)
PLANB TRANSITION (PLANB.ZEEKK3)
SWEUP TRANSITION (SWEUP.ZEEKK3)

From ZEEKK on track 211° to cross BLUUZ at or below 10000 and at 240K.

LANDING RUNWAY 26L: From BLUUZ on track 191° to cross ODISS at or above 8000 and at 210K, then on track 216° to cross BOZZZ at 8000 and at 210K. Expect ILS or LOC RWY 26L approach.

LANDING RUNWAY 26R: From BLUUZ on track 194° to cross TABRR between 6000 and 7000, then on track 194° to cross HOOTI at 6000 and at 210K. Expect ILS or LOC RWY 26R approach.

LANDING RUNWAY 27: From BLUUZ on track 172° to cross PPUNK at or below 8000, then on track 172° to cross VZEEE at or above 6000, then on track 172° to SOFFT, then on track 185° to cross CLSIK at 4000 and at 210K. Expect ILS or LOC RWY 27 approach.

SC-5, 12 JUN 2025 to 07 AUG 2025

INTENTIONALLY

LEFT

BLANK

SC-5, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy ldg	3005
124°	TDZE	21
	Apt Elev	21

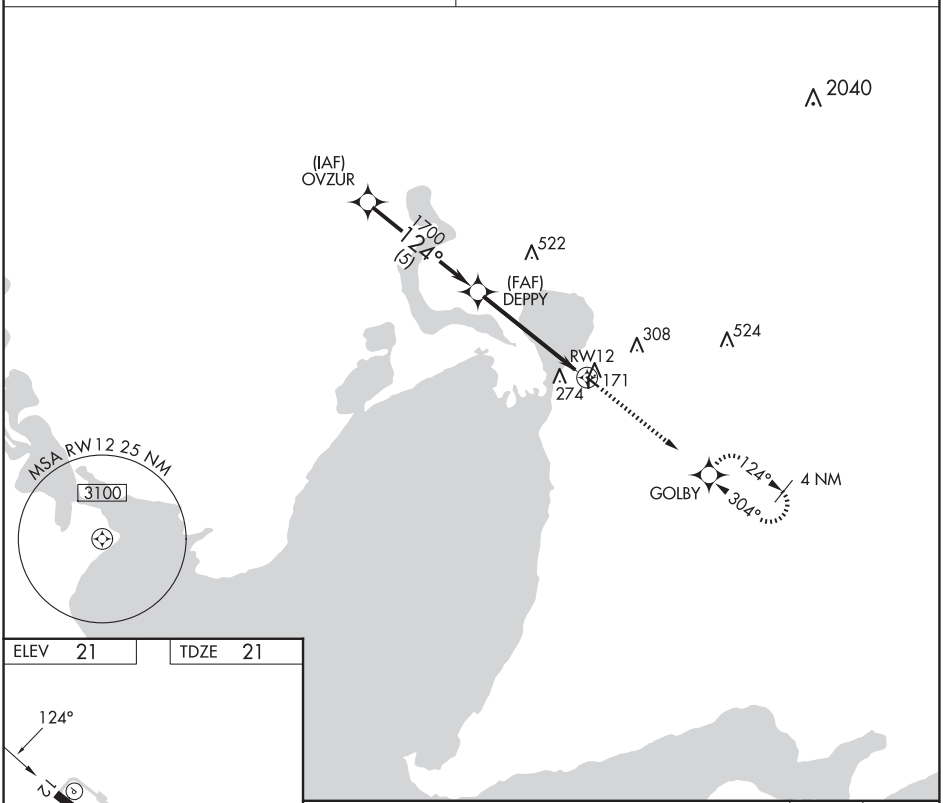
RNAV (GPS) RWY 12

CHAMBERS COUNTY (TØØ)

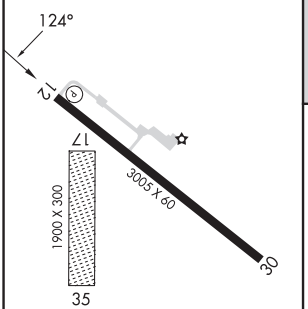
RADAR required. Use William P Hobby altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Procedure NA at night. Rwy 12 helicopter visibility reduction below 1 SM NA. Circling NA to Rwys 17 and 35.

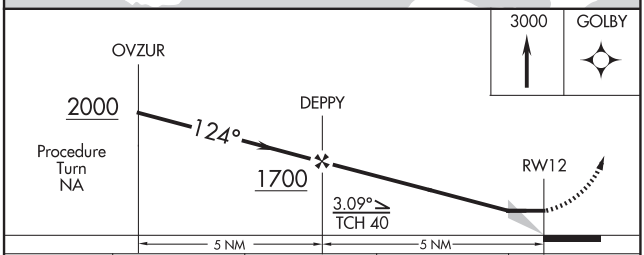
MISSED APPROACH: Climb to 3000 direct GOLBY WP and hold.

HOUSTON APP CON	CTAF
134.45 284.0	122.9 L



ELEV 21 TDZE 21





CATEGORY	A	B	C	D
LNAV MDA	560-1 539 (600-1)		560-1½ 539 (600-1½)	NA
CIRCLING	660-1 639 (700-1)		700-2 679 (700-2)	NA

MIRL Rwy 12-30 L
LIRL Rwy 12-30

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

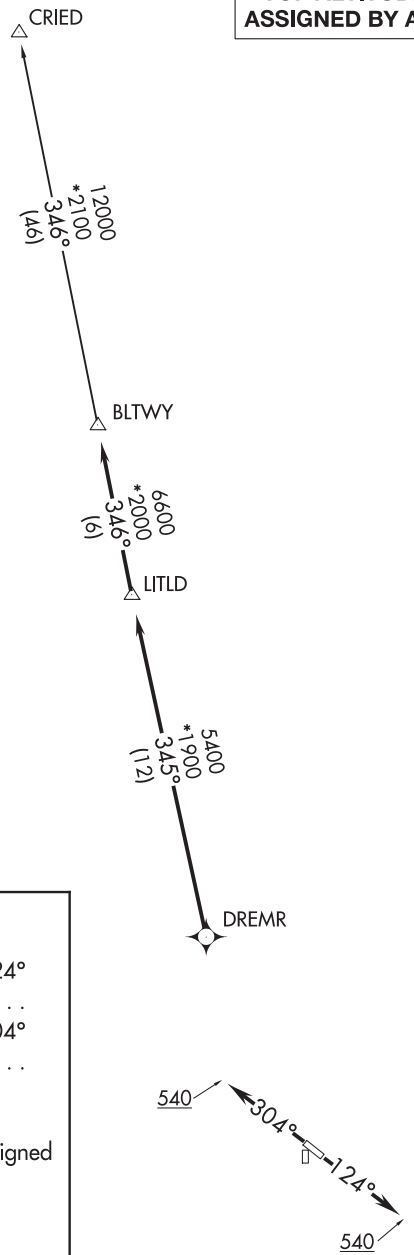
(BLTWY7.BLTWY) 21280

BLTWY SEVEN DEPARTURE (RNAV)

CHAMBERS COUNTY (TØØ)
ANAHUAC, TEXAS

CTAF
122.9
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 17, 35: NA - Environmental
Rwys 12, 30: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

BLTWY SEVEN DEPARTURE (RNAV)
(BLTWY7.BLTWY) 07OCT21

ANAHUAC, TEXAS
CHAMBERS COUNTY (TØØ)

BORRN SIX DEPARTURE (RNAV)

ANAHUAC, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

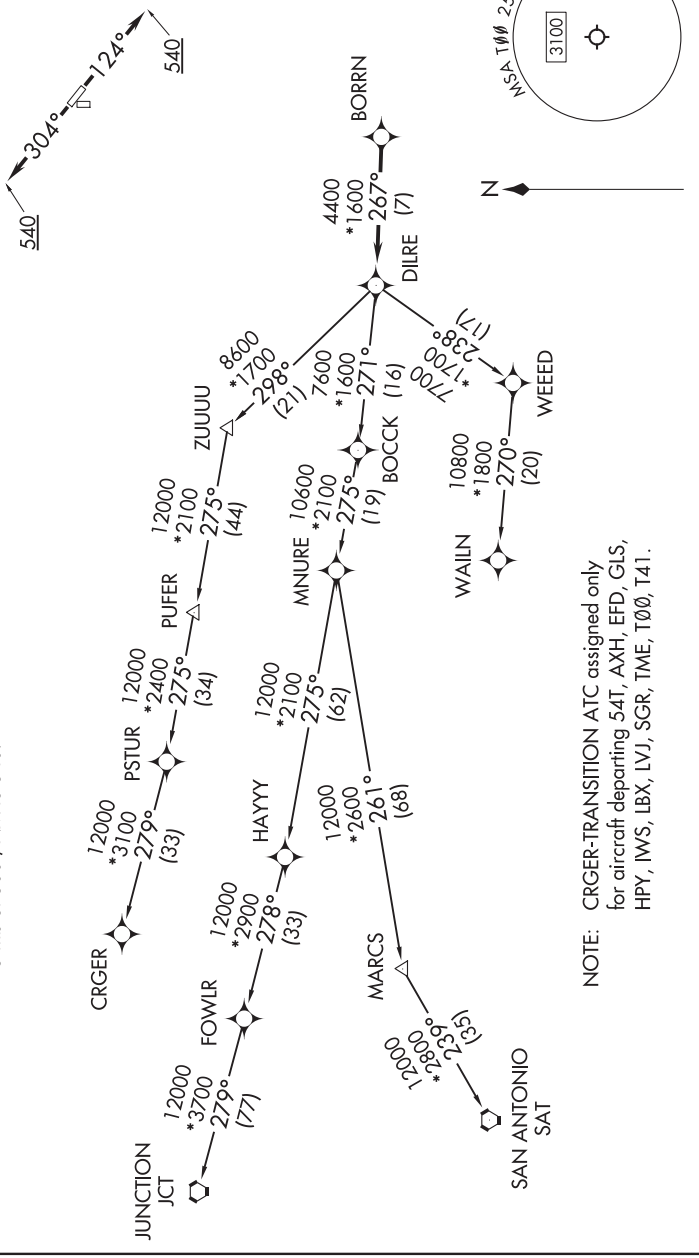
RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TAKEOFF MINIMUMS

Rwys 17, 35: NA - Environmental.
Rwys 12, 30: Standard with minimum climb of 500'/NM to 540.

CTAF
122.9
HOUSTON DEP CON
134.45 284.0



NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

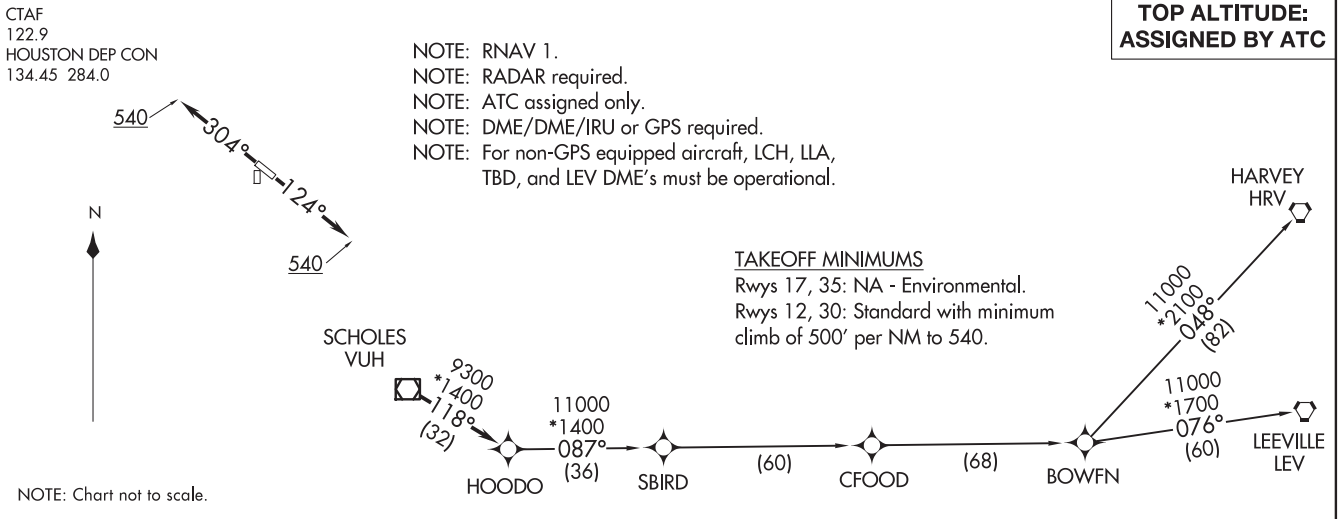
CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TAKEOFF MINIMUMS
Rwys 17, 35: NA - Environmental.
Rwys 12, 30: Standard with minimum climb of 500' per NM to 540.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

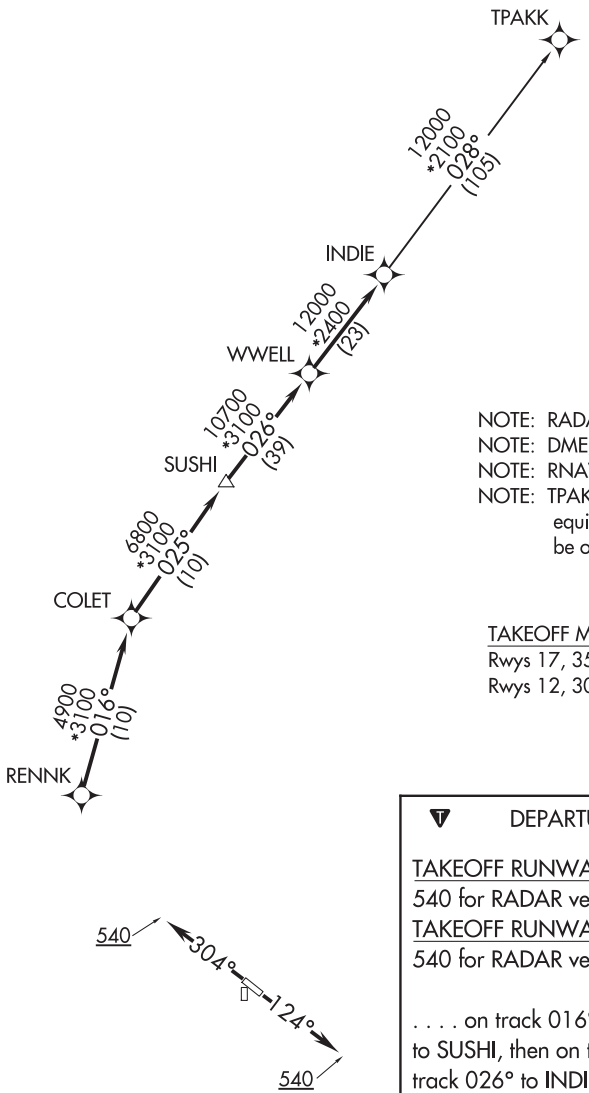
(INDIE8.INDIE) 21280

INDIE EIGHT DEPARTURE (RNAV)

CHAMBERS COUNTY (TØØ)
ANAHUAC, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.9
HOUSTON DEP CON
134.45 284.0



NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.

TAKEOFF MINIMUMS
Rwys 17, 35: NA-Environmental
Rwys 12, 30: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

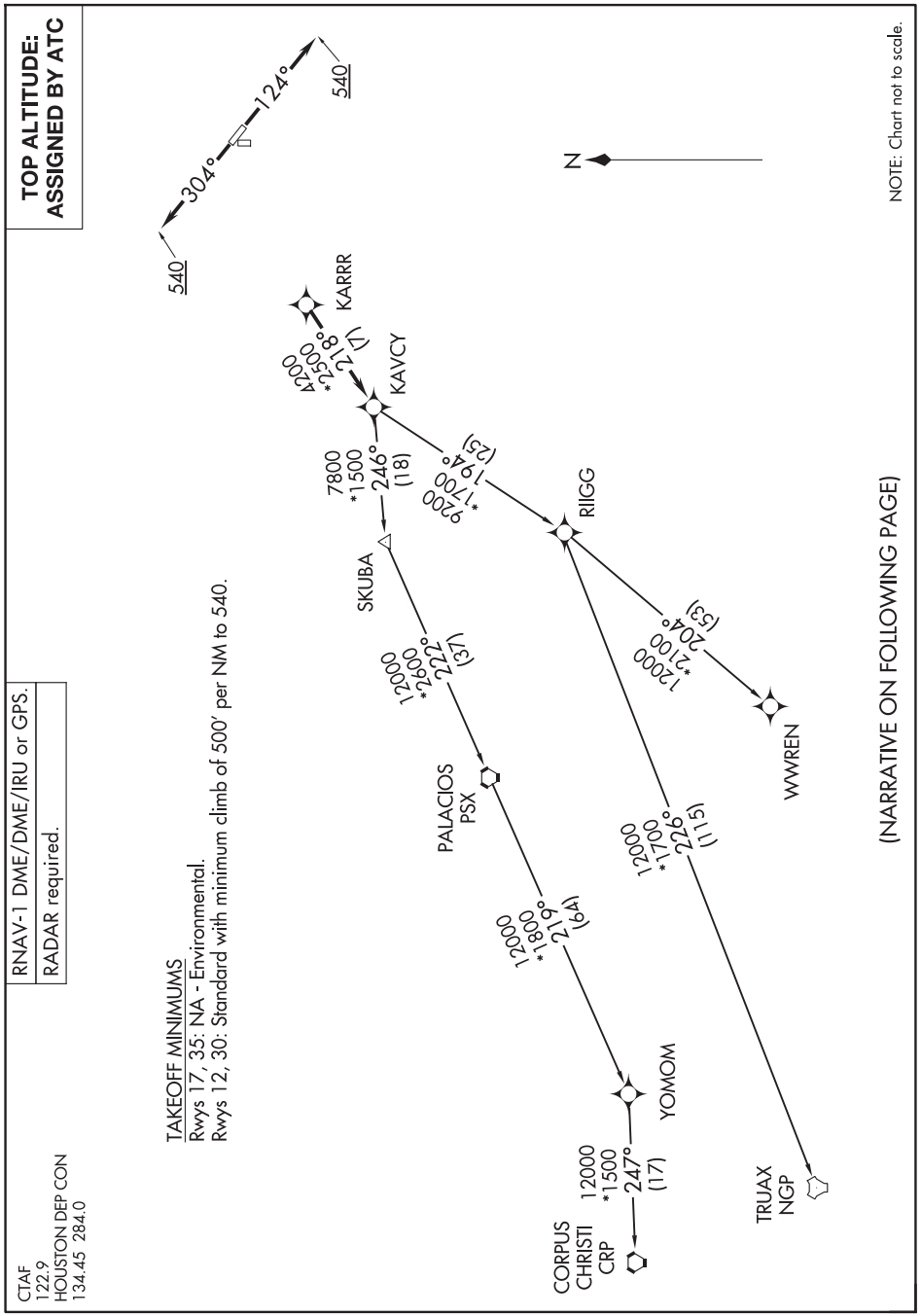
TPAKK TRANSITION (INDIE8.TPAKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

INDIE EIGHT DEPARTURE (RNAV)
(INDIE8.INDIE) 07OCT21
ANAHUAC, TEXAS
CHAMBERS COUNTY (TØØ)

KARRR SEVEN DEPARTURE (RNAV)



SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)

ANAHUAC, TEXAS
CHAMBERS COUNTY (TØØ)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

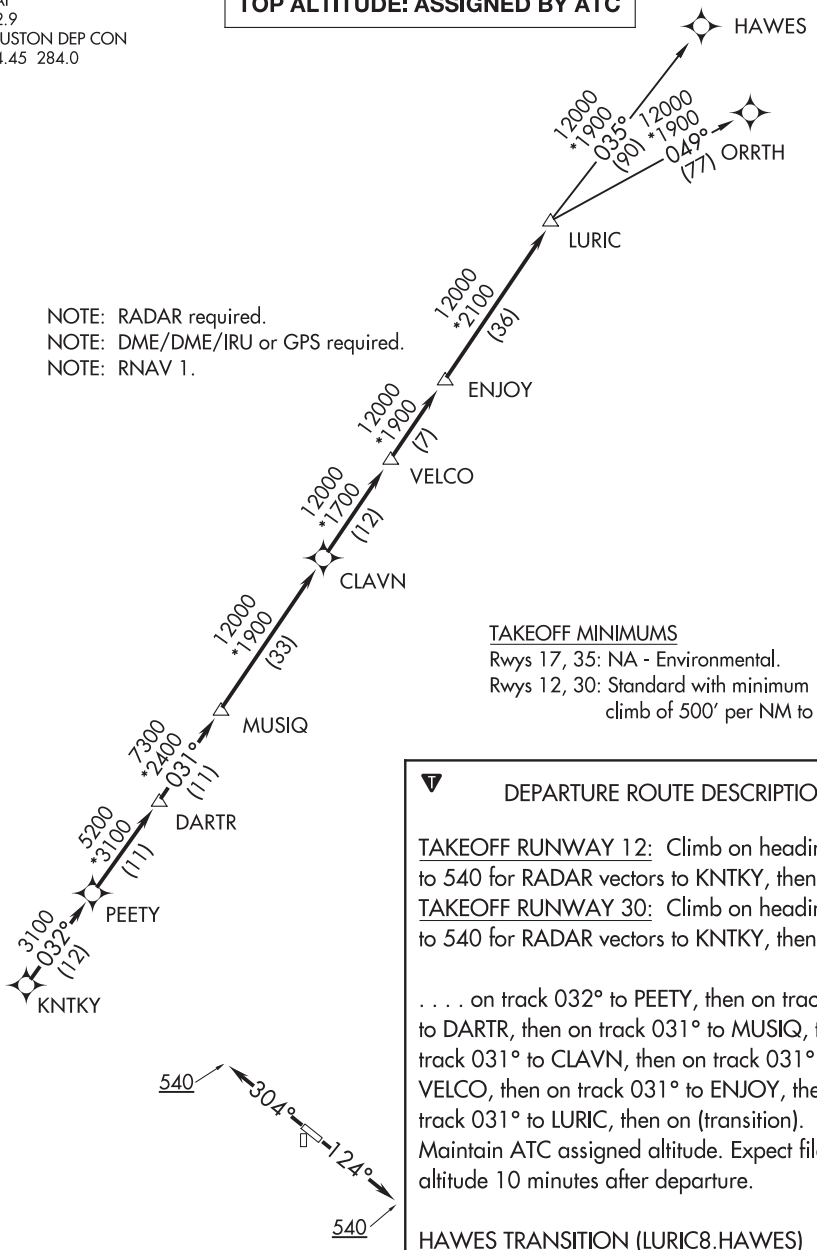
SC-5, 12 JUN 2025 to 07 AUG 2025

LURIC EIGHT DEPARTURE (RNAV)

CHAMBERS COUNTY (TØØ)
ANAHUAC, TEXAS

CTAF
122.9
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



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

TAKEOFF MINIMUMS
Rwys 17, 35: NA - Environmental.
Rwys 12, 30: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

MMALT SEVEN DEPARTURE (RNAV)

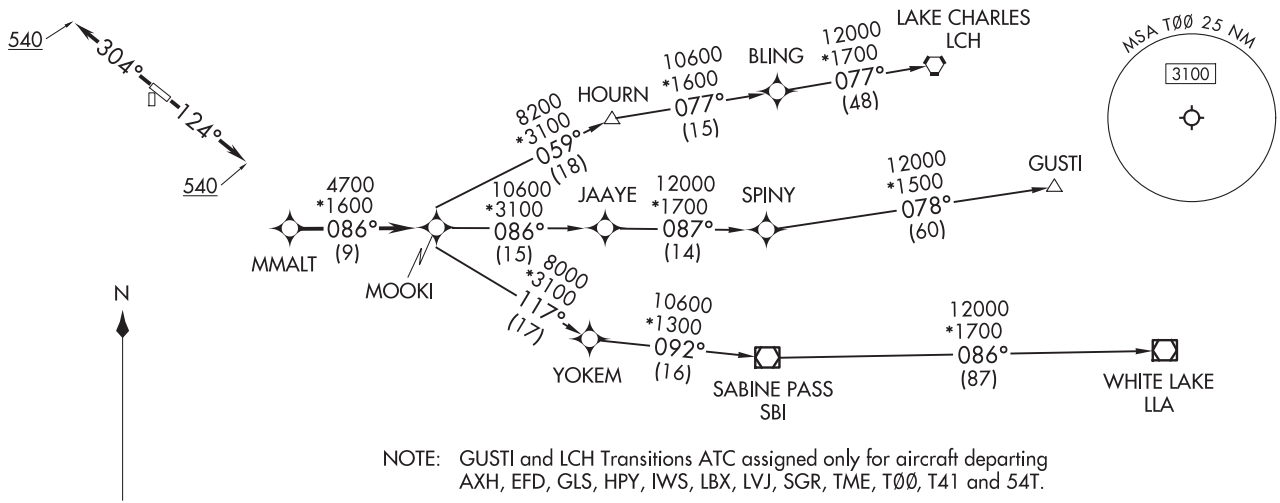
(MMALT7.MMALT) 30NOV23

ANAHUAC, TEXAS
CHAMBERS COUNTY (TØØ)

HOUSTON DEP CON
134.45 284.0
CTAF
122.9

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

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.

TAKEOFF MINIMUMS
Rwys 17, 35: NA-Environmental.
Rwys 12, 30: Standard with minimum climb of 500'/NM to 540.

NOTE: Chart not to scale.

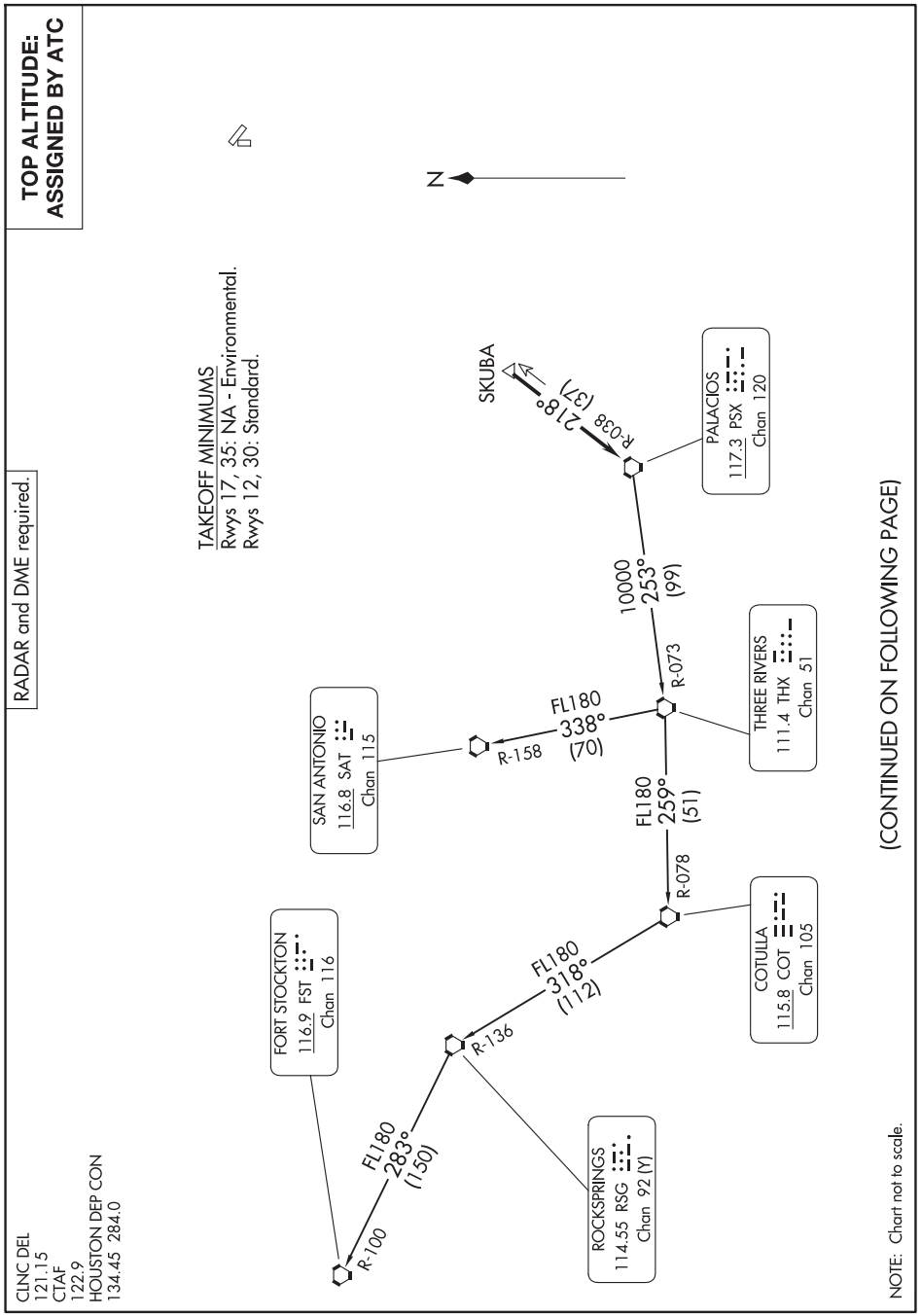
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

(MMALT7.MMALT) 23334
MMALT SEVEN DEPARTURE (RNAV)
AL-6395 (FAA)
CHAMBERS COUNTY (TØØ)
ANAHUAC, TEXAS


TOP ALTITUDE: ASSIGNED BY ATC
RADAR and DME required.
TAKEOFF MINIMUMS
Rwys 17, 35: NA - Environmental.
Rwys 12, 30: Standard.
N
SKUBA
R-038
218° (37)
PALACIOS
117.3 PSX
Chan 120
10000
253°
(99)
R-073
THREE RIVERS
111.4 THX
Chan 51
FL180
338°
(70)
R-158
SAN ANTONIO
116.8 SAT
Chan 115
FL180
259°
(51)
R-078
COTULLA
115.8 COT
Chan 105
FL180
318°
(112)
R-136
ROCKSPRINGS
114.55 RSG
Chan 92 (Y)
FL180
283°
(150)
R-100
FORT STOCKTON
116.9 FST
Chan 116
CLNC DEL
121.15
CTAF
122.9
HOUSTON DEP CON
134.45 284.0
(CONTINUED ON FOLLOWING PAGE)
NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

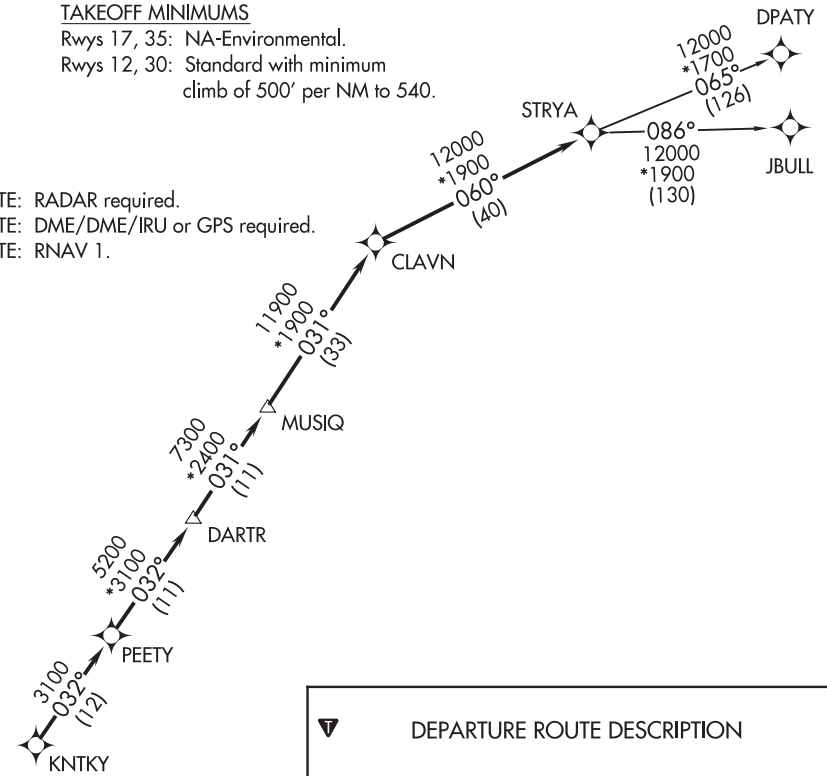
STRYA EIGHT DEPARTURE (RNAV)

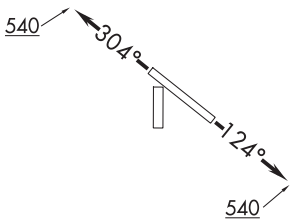
CTAF
122.9
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 17, 35: NA-Environmental.
Rwys 12, 30: Standard with minimum climb of 500′ per NM to 540.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540 for RADAR vectors to KNTKY, thence . . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

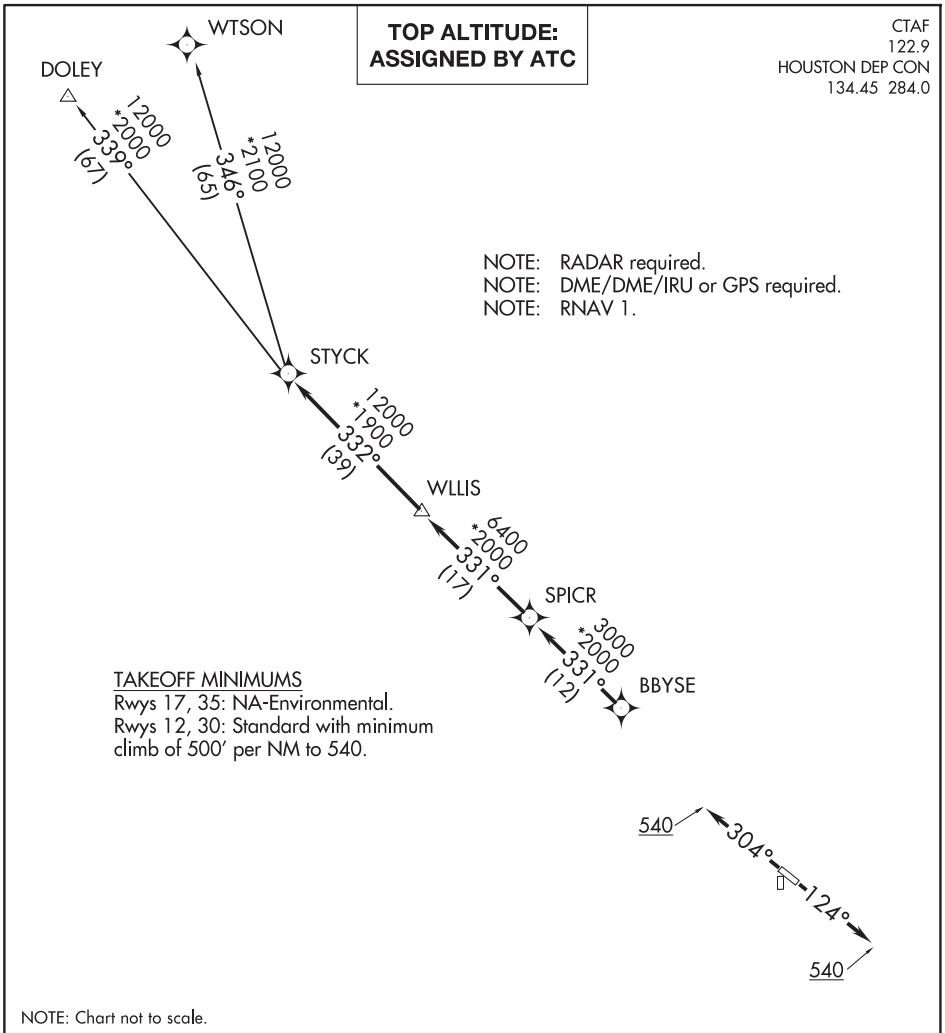
DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025

(STYCK8.STYCK) 21280 AL-6395 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

CHAMBERS COUNTY (TØØ)
ANAHUAC, TEXAS



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

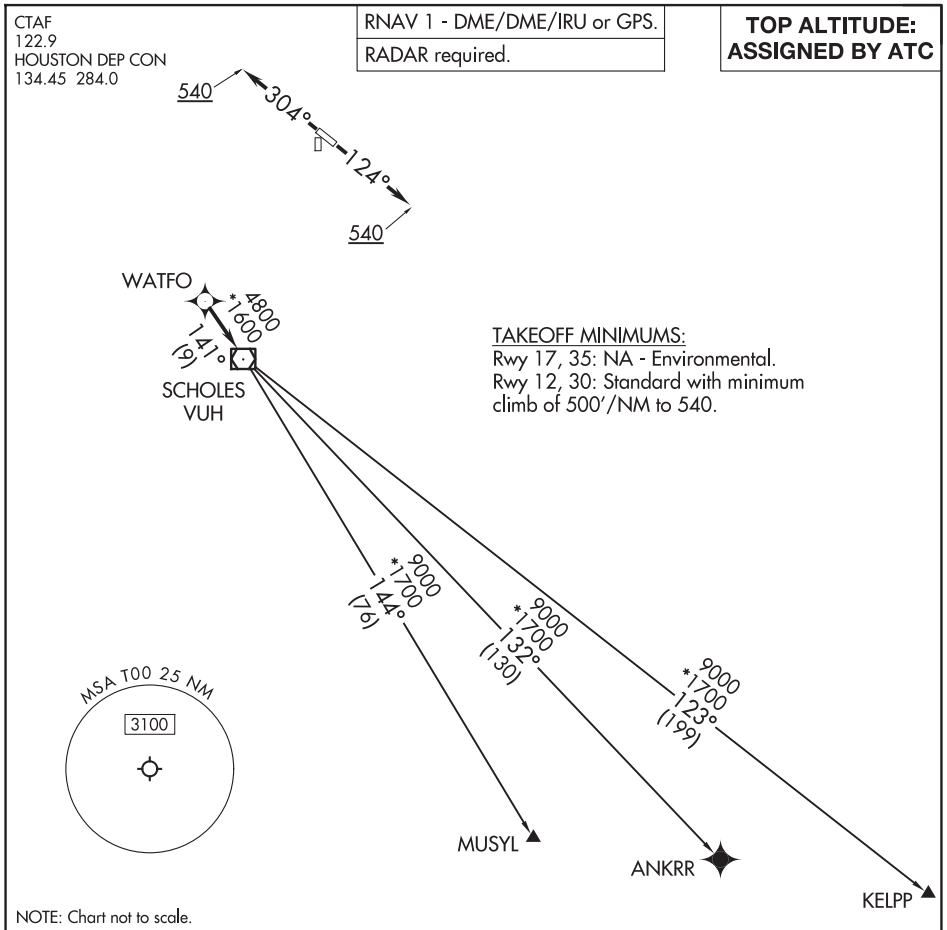
DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025

WATFO SIX DEPARTURE (RNAV)

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

TOP ALTITUDE: ASSIGNED BY ATC



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

(WYLSN8.WYLSN) 21280 AL-6395 (FAA)

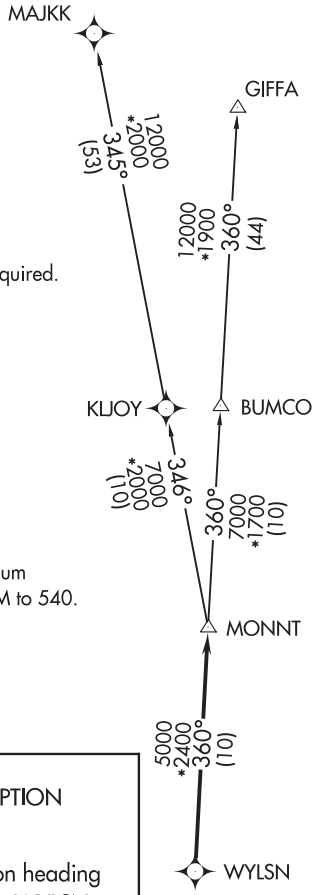
CHAMBERS COUNTY (TØØ)

WYLSN EIGHT DEPARTURE (RNAV)

ANAHUAC, TEXAS

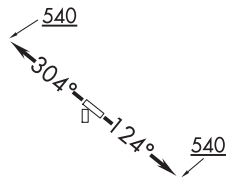
CTAF
122.9
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



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

TAKEOFF MINIMUMS
Rwy 17, 35: NA - Environmental.
Rwy 12, 30: Standard with minimum climb of 500′ per NM to 540.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb on heading 124° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 304° to 540 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

WYLSN EIGHT DEPARTURE (RNAV)
ANAHUAC, TEXAS
(WYLSN8.WYLSN) 07OCT21
CHAMBERS COUNTY (TØØ)

ILS or LOC RWY 17
TEXAS GULF COAST RGNL (LBX)

LOC/DME I-LBX	APP CRS	Rwy ldg	7000
109.1	175°	TDZE	25
Chan 28		Apt Elev	25

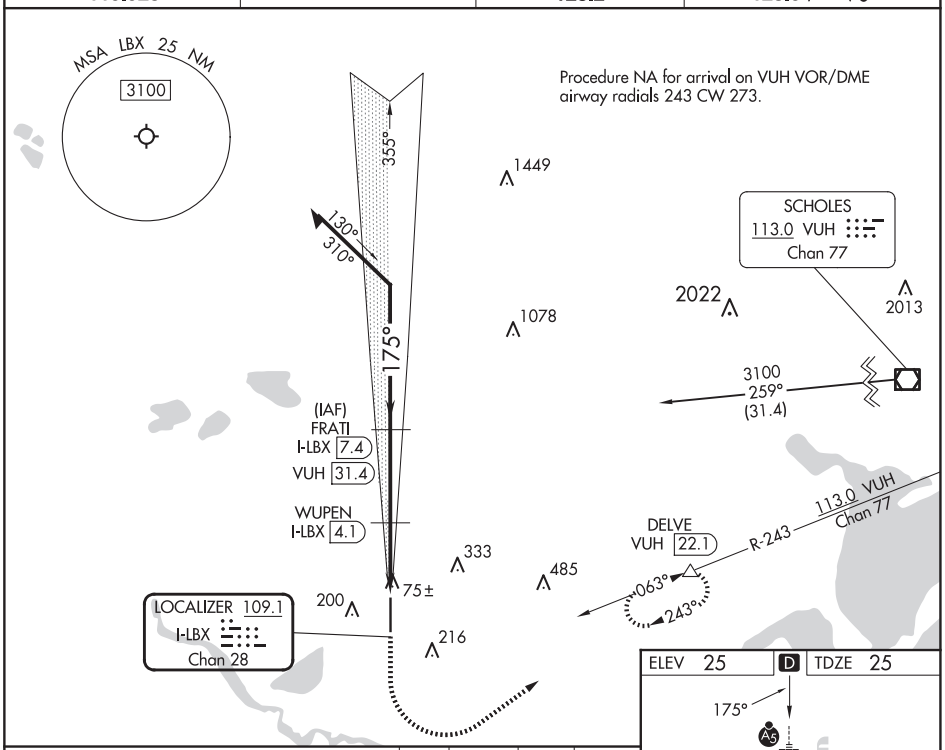
DME required.

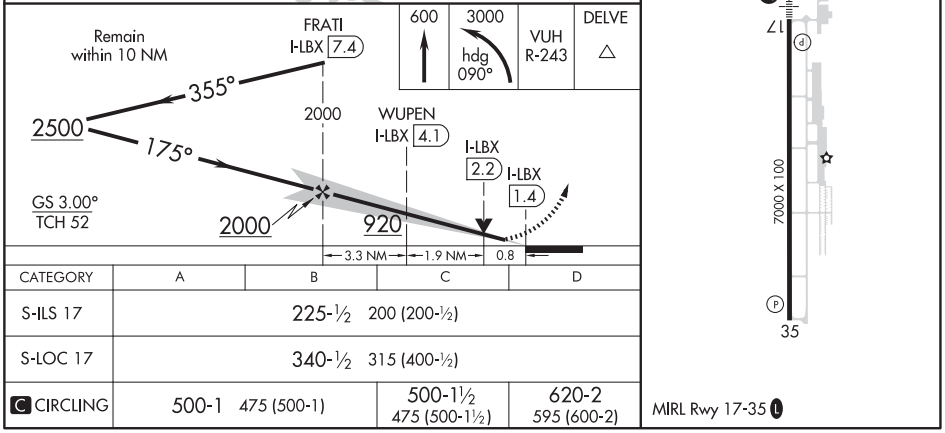
T
A NA For inop ALS, increase S-LOC 17 Cat C/D visibility to ⅞ SM. Circling NA east of Rwy 17-35.

MALSR A5

MISSED APPROACH: Climb to 600 then climbing left turn to 3000 on heading 090° and VUH VOR/DME R-243 to DELVE/VUH 22.1 DME and hold, continue climb-in-hold to 3000.

ASOS	HOUSTON APP CON	CLNC DEL	UNICOM
119.925	134.45 284.0	125.2	123.0 (CTAF) L





CATEGORY	A	B	C	D
S-ILS 17	225-½ 200 (200-½)			
S-LOC 17	340-½ 315 (400-½)			
C CIRCLING	500-1 475 (500-1)		500-1½ 475 (500-1½)	620-2 595 (600-2)

SC-5, 12 JUN 2025 to 07 AUG 2025

ANGLETON/LAKE JACKSON, TEXAS AL-6453 (FAA) 23362

WAAS CH 70316 W17A	APP CRS 175°	Rwy ldg 7000 TDZE 25 Apt Elev 25

RNAV (GPS) RWY 17
TEXAS GULF COAST RGNL (LBX)

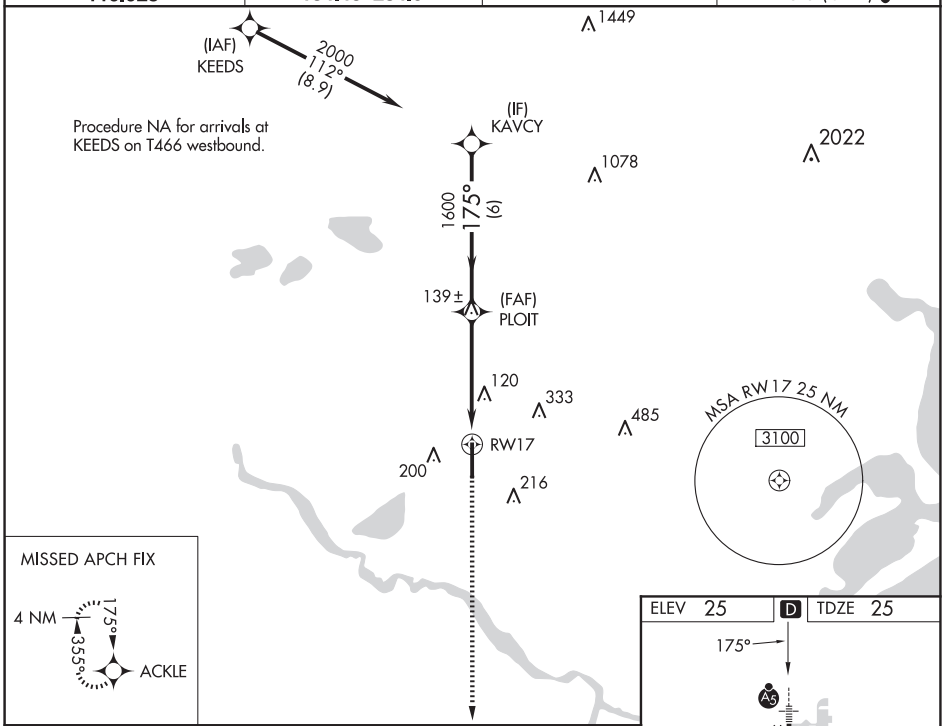
RNP APCH - GPS.

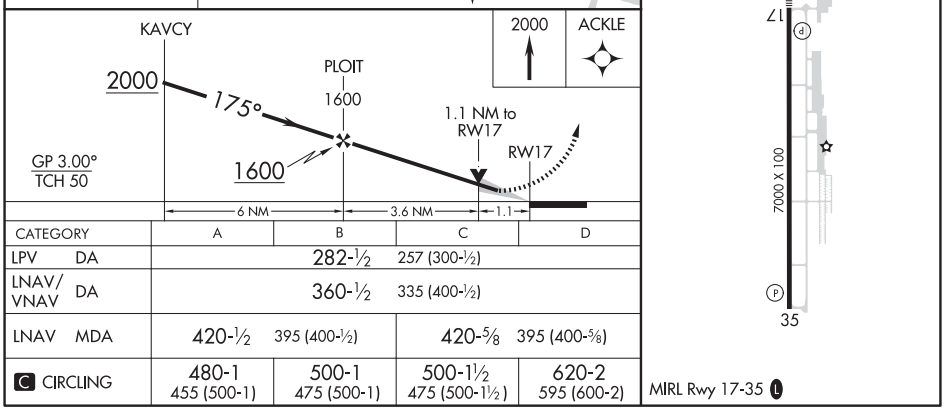
Circling NA east of Rwy 17-35. Baro-VNAV and VDP NA when using William P. Hobby altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use William P. Hobby altimeter setting and increase LPV DA to 363 feet; increase LNAV/VNAV DA to 441 feet and all visibilities ¼ SM; increase all MDAs 100 feet and LNAV visibility Cat C/D ⅜ SM, and Circling visibility Cat D ¼ SM.

MALSR

MISSED APPROACH: Climb to 2000 direct ACKLE and hold.

ASOS	HOUSTON APP CON	CLNC DEL	UNICOM
119.925	134.45 284.0	125.2	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	282-½ 257 (300-½)			
LNAV/VNAV DA	360-½ 335 (400-½)			
LNAV MDA	420-½ 395 (400-½)		420-⅝ 395 (400-⅝)	
C CIRCLING	480-1 455 (500-1)	500-1 475 (500-1)	500-1½ 475 (500-1½)	620-2 595 (600-2)

SC-5, 12 JUN 2025 to 07 AUG 2025

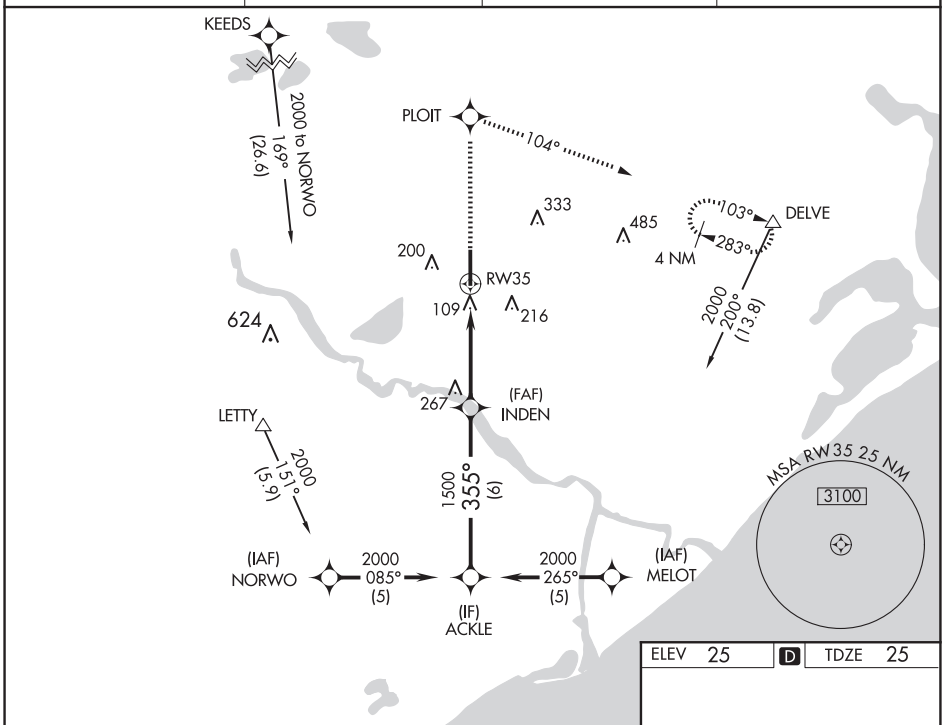
WAAS CH 77516 W35A	APP CRS 355°	Rwy ldg 7000 TDZE 25 Apt Elev 25

RNAV (GPS) RWY 35
TEXAS GULF COAST RGNL (LBX)

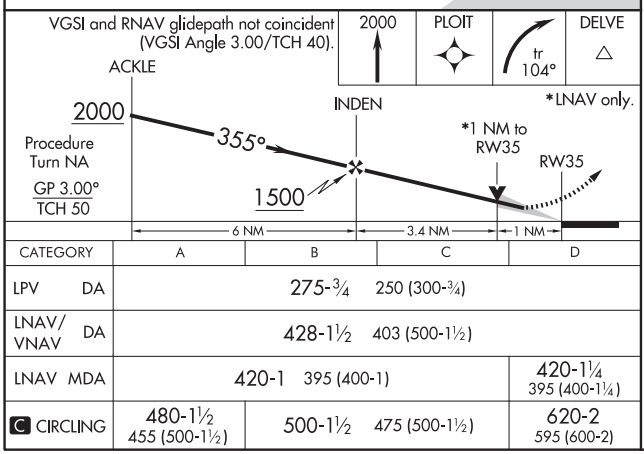
T A DME/DME RNP-0.3 NA. Baro-VNAV NA below -16°C (4°F). When local altimeter setting not received, use William P. Hobby altimeter setting and increase all DAs/MDAs 100 feet and Circling Cat D visibility ¼ SM. Baro-VNAV and VDP NA when using William P. Hobby altimeter setting. Circling NA east of Rwy 17-35.

MISSED APPROACH: Climb to 2000 direct PLOIT and right turn via 104° track to DELVE and hold.

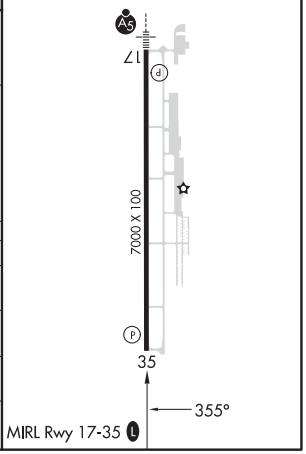
ASOS	HOUSTON APP CON	CLNC DEL	UNICOM
119.925	134.45 284.0	125.2	123.0 (CTAF) L



ELEV 25 | D | TDZE 25



CATEGORY	A	B	C	D
LPV DA	275-¾ 250 (300-¾)			
LNAV/VNAV DA	428-1½ 403 (500-1½)			
LNAV MDA	420-1 395 (400-1)			420-1¼ 395 (400-1¼)
C CIRCLING	480-1½ 455 (500-1½)	500-1½ 475 (500-1½)		620-2 595 (600-2)

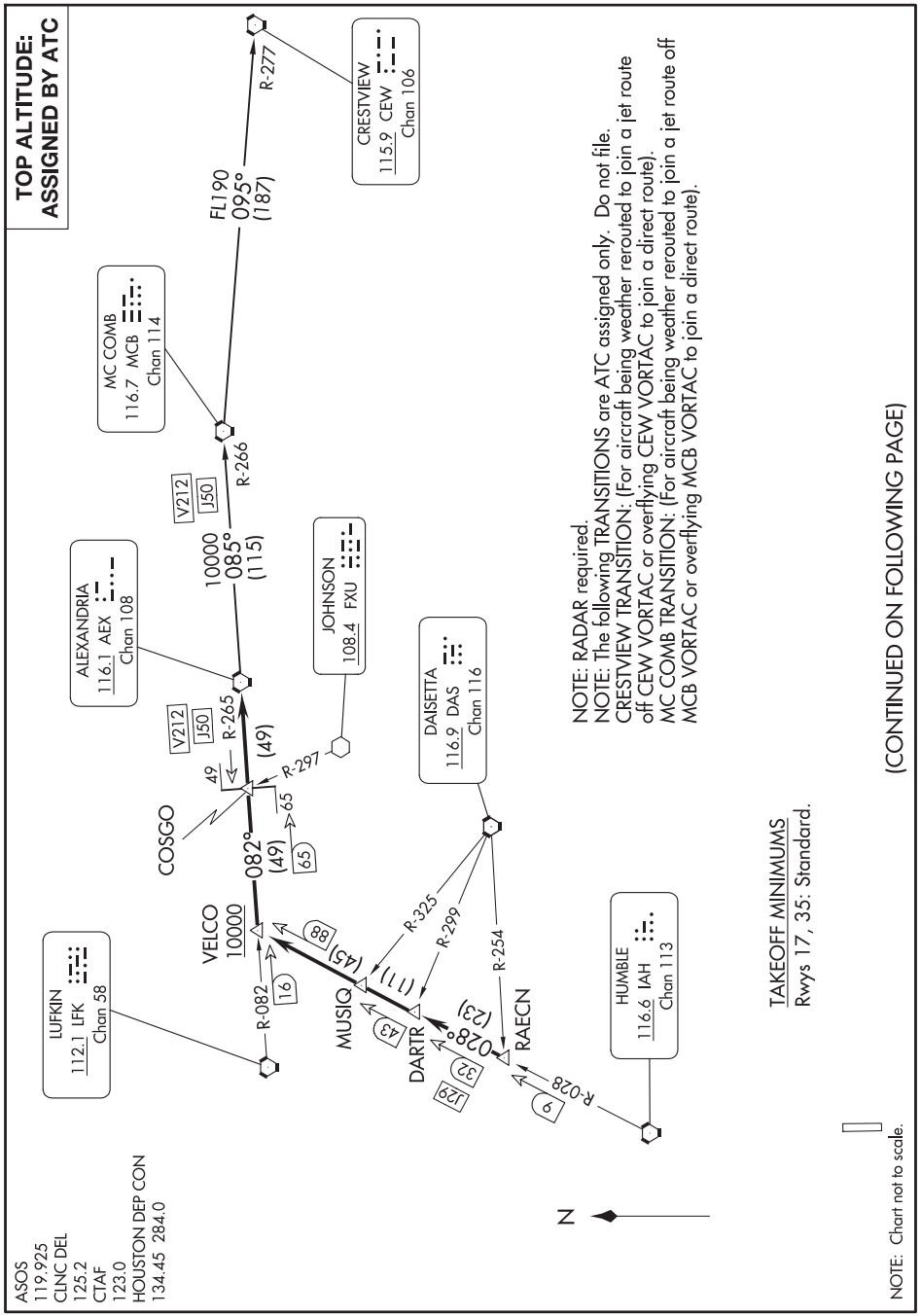


SC-5, 12 JUN 2025 to 07 AUG 2025

(AEX3.AEX) 25135 AL-6453 (FAA)

ALEXANDRIA THREE DEPARTURE

TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS



(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

ALEXANDRIA THREE DEPARTURE

ANGLETON/LAKE JACKSON, TEXAS
TEXAS GULF COAST RGNL (LBX)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

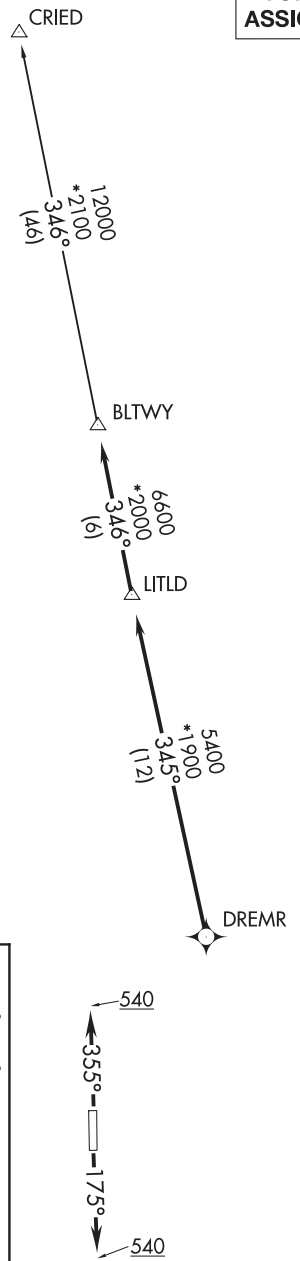
(BLTWY7.BLTWY) 21280

BLTWY SEVEN DEPARTURE (RNAV) AL-6453 (FAA)

TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwys 17, 35: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540 for RADAR vectors to DREMR, thence . . . .

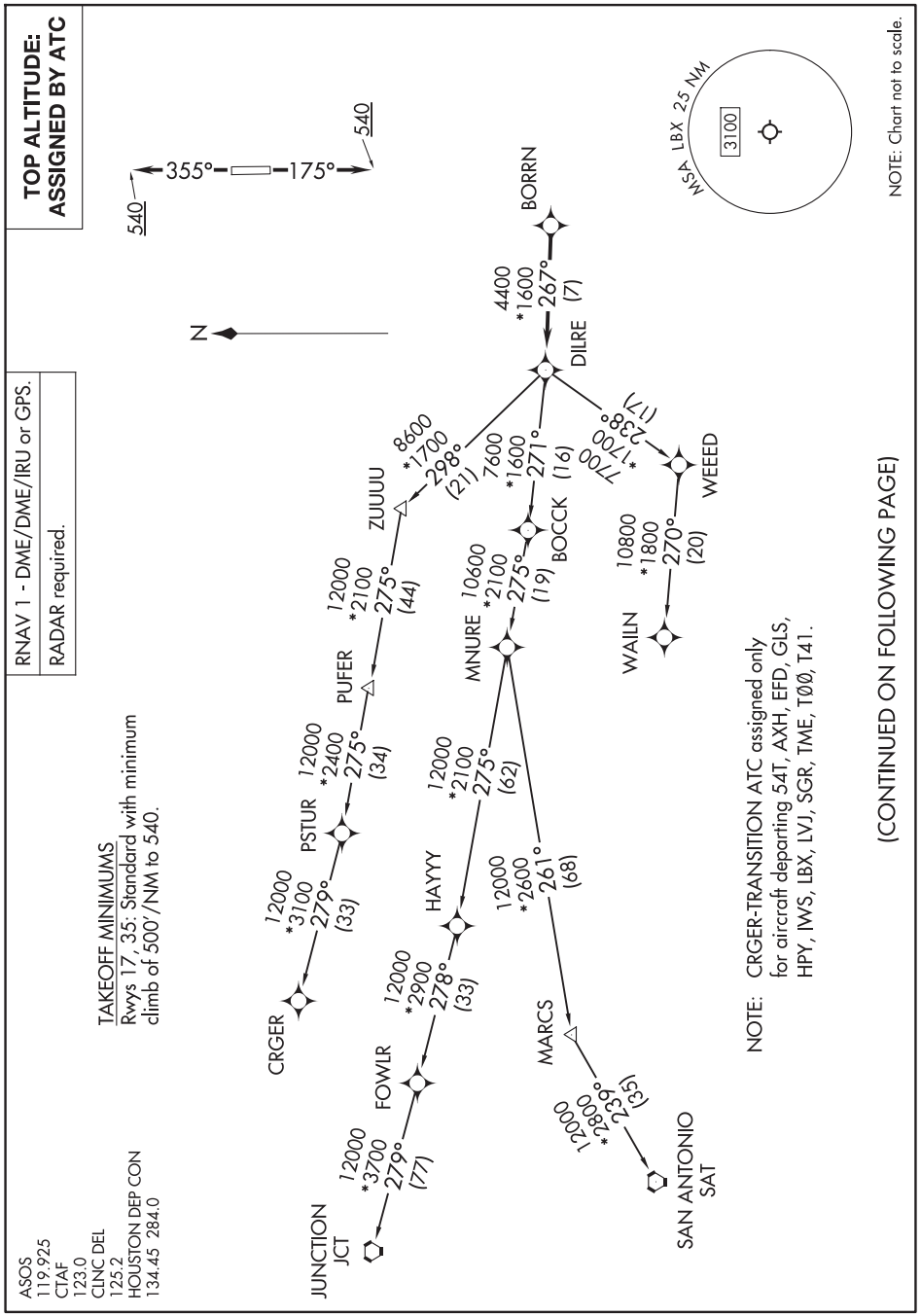
. . . . on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)



SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

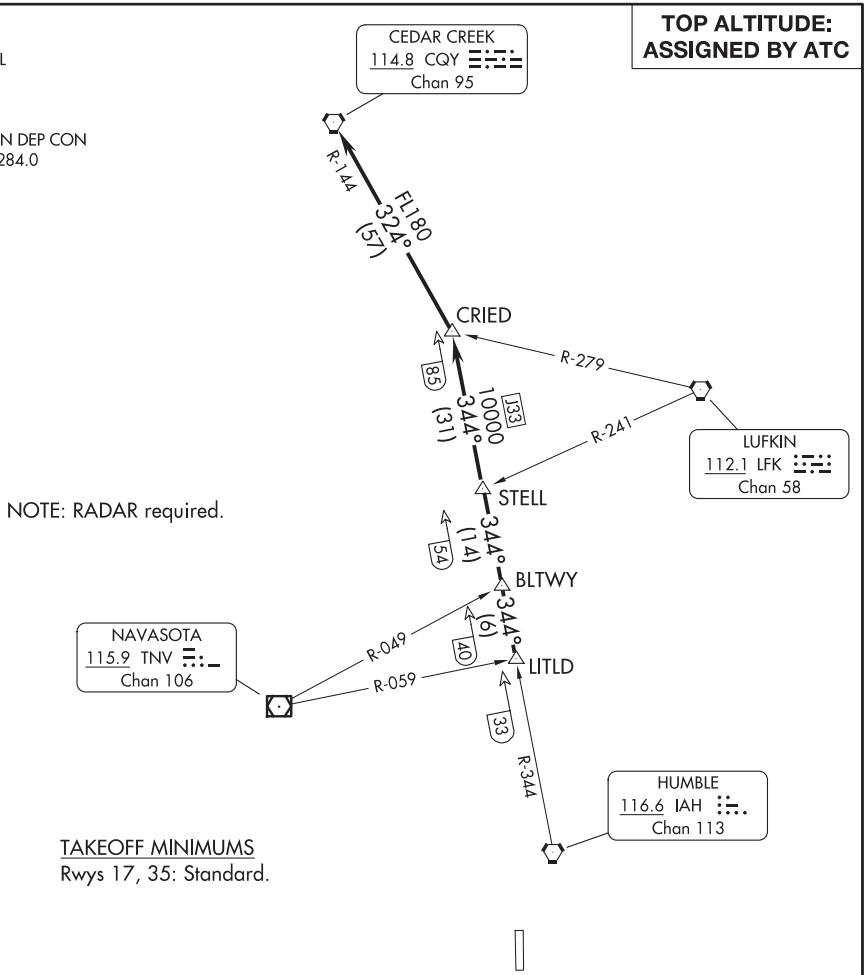
SC-5, 12 JUN 2025 to 07 AUG 2025

CRIED ONE DEPARTURE

AL-6453 (FAA)

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

(ELD1.ELD) 24193 AL-6453 (FAA)

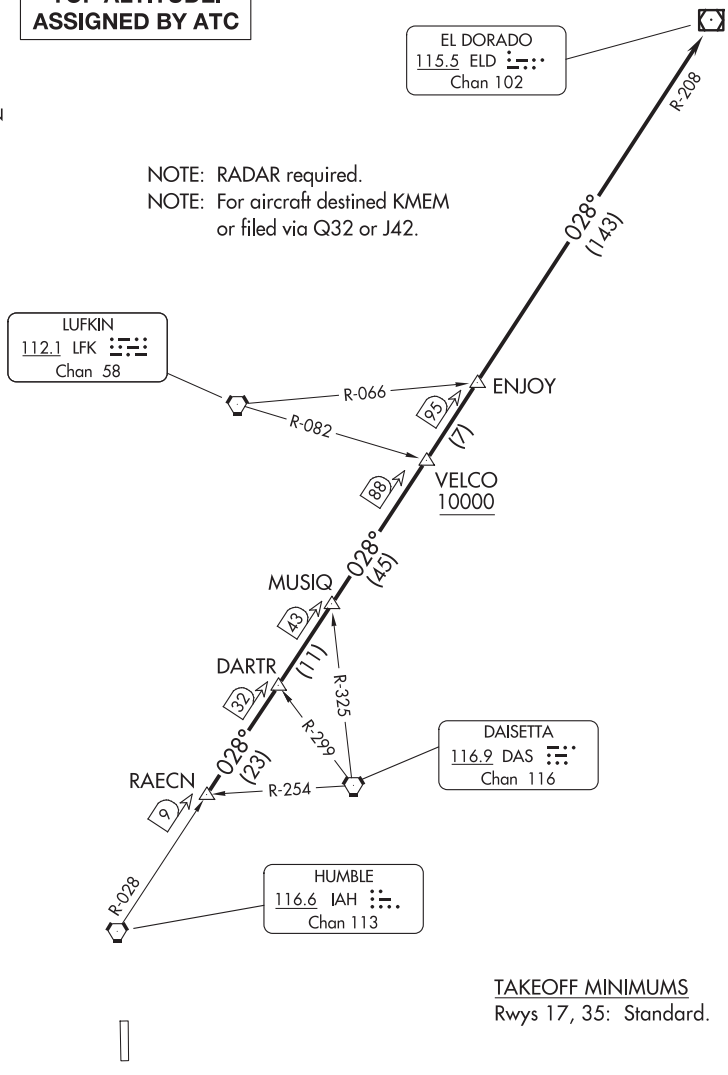
EL DORADO ONE DEPARTURE

TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.



TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.

CEDAR CREEK
114.8 CQY
Chan 95

R-128

GIFFA
10000

LEONA
110.8 LOA
Chan 45

R-059

85

358°
(44)

R-121

BUMCO

41

358°
(10)

MONNT

31

R-292

DAISETTA
116.9 DAS
Chan 116

R-358

HUMBLE
116.6 IAH
Chan 113

TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

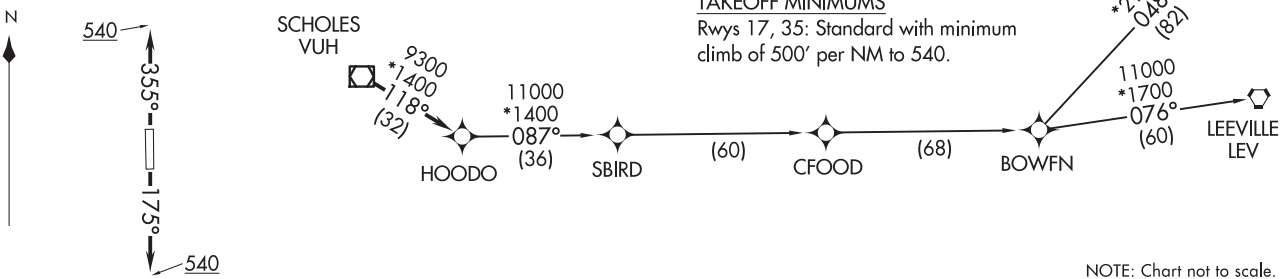
HOODO SEVEN DEPARTURE (RNAV)
(HOODO7.HOODO) 07OCT21

ANGLETON/LAKE JACKSON, TEXAS
TEXAS GULF COAST RGNL (LBX)

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500' per NM to 540.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

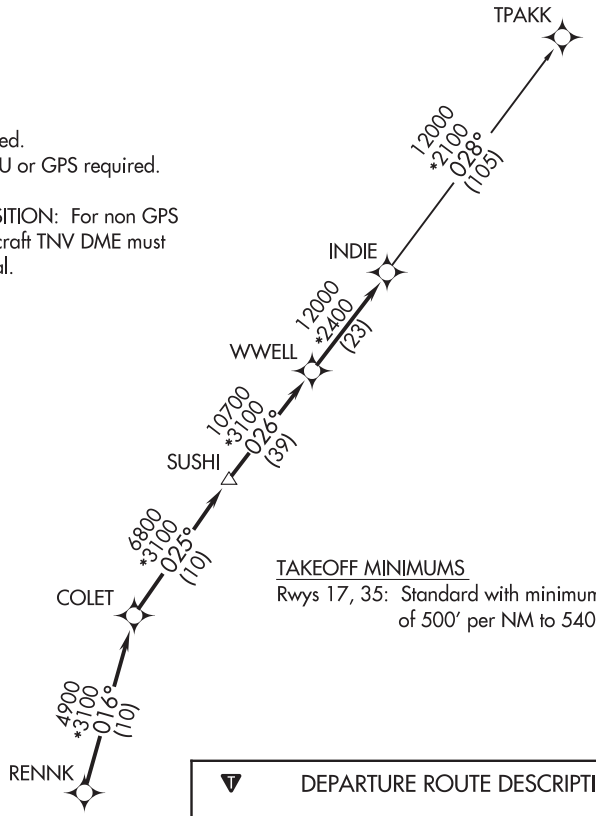
(HOODO7.HOODO) 21280
HOODO SEVEN DEPARTURE (RNAV)
AL-6453 (FAA)
TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

INDIE EIGHT DEPARTURE (RNAV)

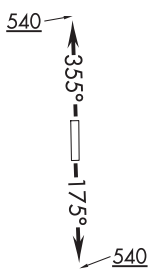
TOP ALTITUDE: ASSIGNED BY ATC

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500′ per NM to 540.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition).
Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(KARRR7.KARRR) 22363 AL-6453 (FAA)

KARRR SEVEN DEPARTURE (RNAV)

TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

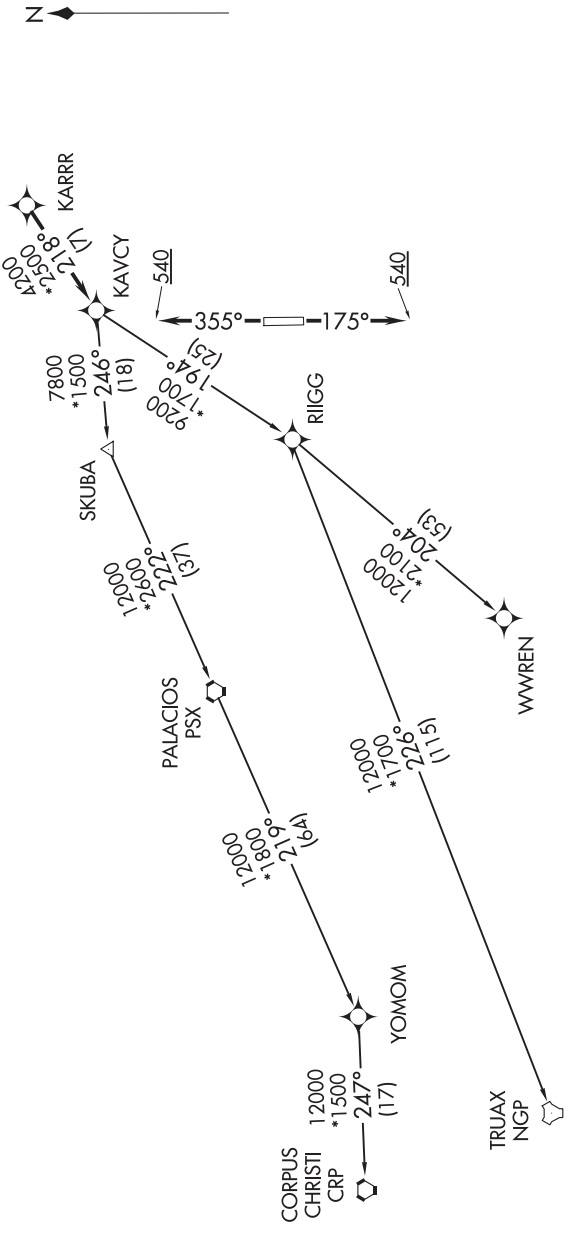
TOP ALTITUDE: ASSIGNED BY ATC

RNAV-1 DME/DME/IRU or GPS.

RADAR required.

ASOS
119.925
CTAF
123.0
CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0

TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500′ per NM to 540.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)

(KARRR7.KARRR) 29DEC22

ANGLETON/LAKE JACKSON, TEXAS
TEXAS GULF COAST RGNL (LBX)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

(LOA4.LOA) 24137

LEONA FOUR DEPARTURE

AL-6453 (FAA)

TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

TULSA
114.4 TUL
Chan 91

ARDMORE
116.7 ADM
Chan 114

BONHAM
114.6 BYP
Chan 93

RANGER
115.7 FUZ
Chan 104

CEDAR CREEK
114.8 CQY
Chan 95

WACO
115.3 ACT
Chan 100

LEONA
110.8 LOA
Chan 45

NAVASOTA
115.9 TNV
Chan 106

HUMBLE
116.6 IAH
Chan 113

DOLEY

WLLIS

R-156
FL180
336°
(127)

R-173
FL180
353°
(81)

R-130
FL180
310°
(58)

R-163
10000
341°
(65)

R-046
10000
334°
(67)

R-147
4000
327°
(39)

R-047

38

R-330

TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

NOTE: RADAR required.
NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).
NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.
NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.
NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LFK3.LFK) 24137

AL-6453 (FAA)

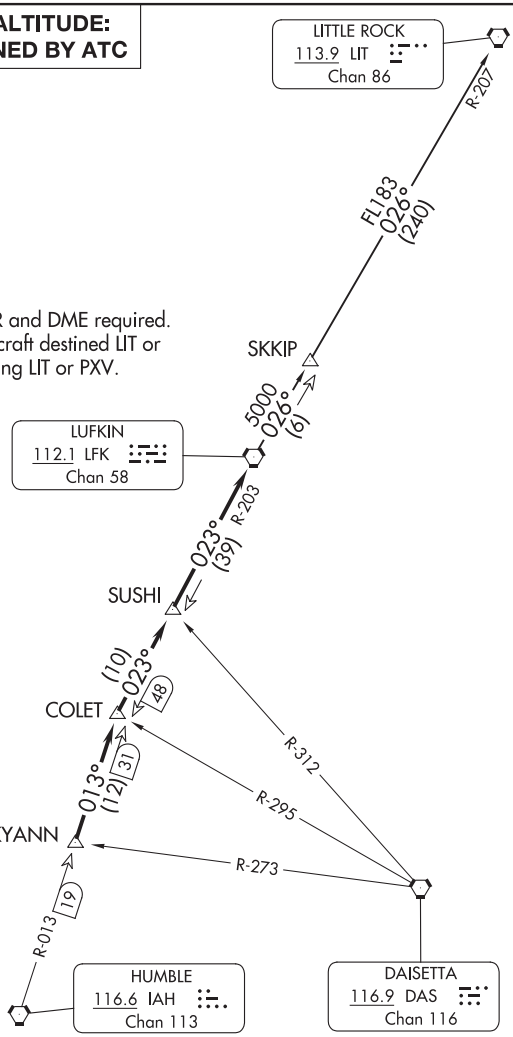
LUFKIN THREE DEPARTURE

TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.



TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

(LURIC8.LURIC) 21280 AL-6453 (FAA)

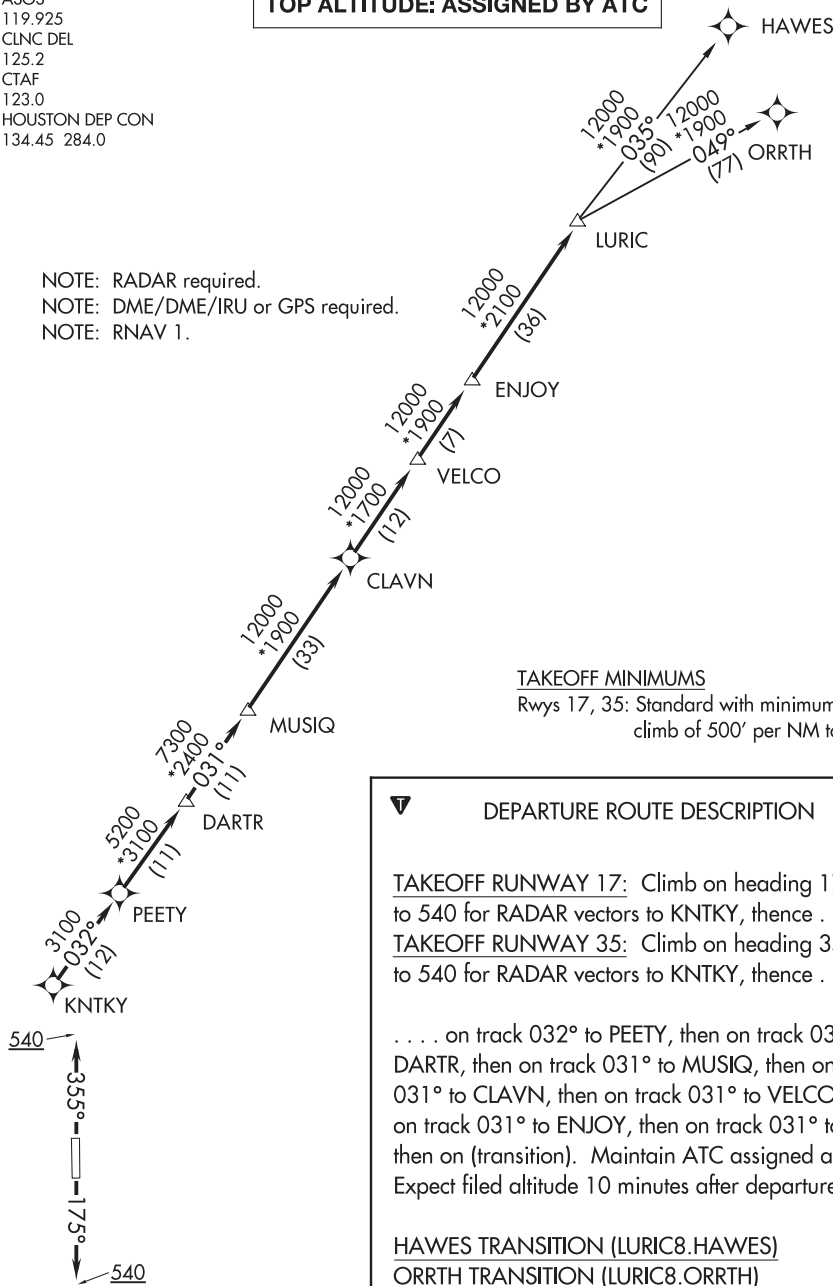
LURIC EIGHT DEPARTURE (RNAV)

TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

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



TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

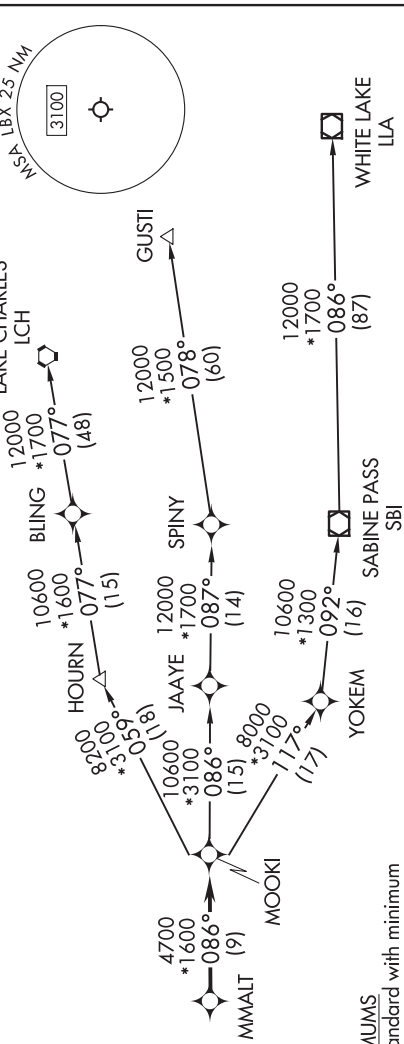
MMALT SEVEN DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - DME/DME/IRU or GPS.

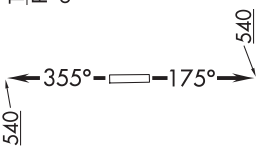
RADAR required.

HOUSTON DEP CON
134.45 284.0
ASOS
119.925
CLNC DEL
125.2
CTAF
123.0



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41 and 54T.

TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500'/NM to 540.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

SC-5, 12 JUN 2025 to 07 AUG 2025

(PSX3.PSX) 24137 AL-6453 (FAA)

PALACIOS THREE DEPARTURE

TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

RADAR and DME required.

TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

N

SKUBA

R-038 218° (37)

PALACIOS
117.3 PSX
Chan 120

10000
253°
(99)

R-073

THREE RIVERS
111.4 THX
Chan 51

FL180
338°
(70)

R-158

SAN ANTONIO
116.8 SAT
Chan 115

FL180
259°
(51)

R-078

COTULLA
115.8 COT
Chan 105

FL180
318°
(112)

R-136

ROCKSPRINGS
114.55 RSG
Chan 92 (Y)

FL180
283°
(150)

R-100

FORT STOCKTON
116.9 FST
Chan 116

ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS THREE DEPARTURE
ANGLETON/LAKE JACKSON, TEXAS
TEXAS GULF COAST RGNL (LBX)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(STRYA8.STRYA) 21280 AL-6453 (FAA)

STRYA EIGHT DEPARTURE (RNAV)

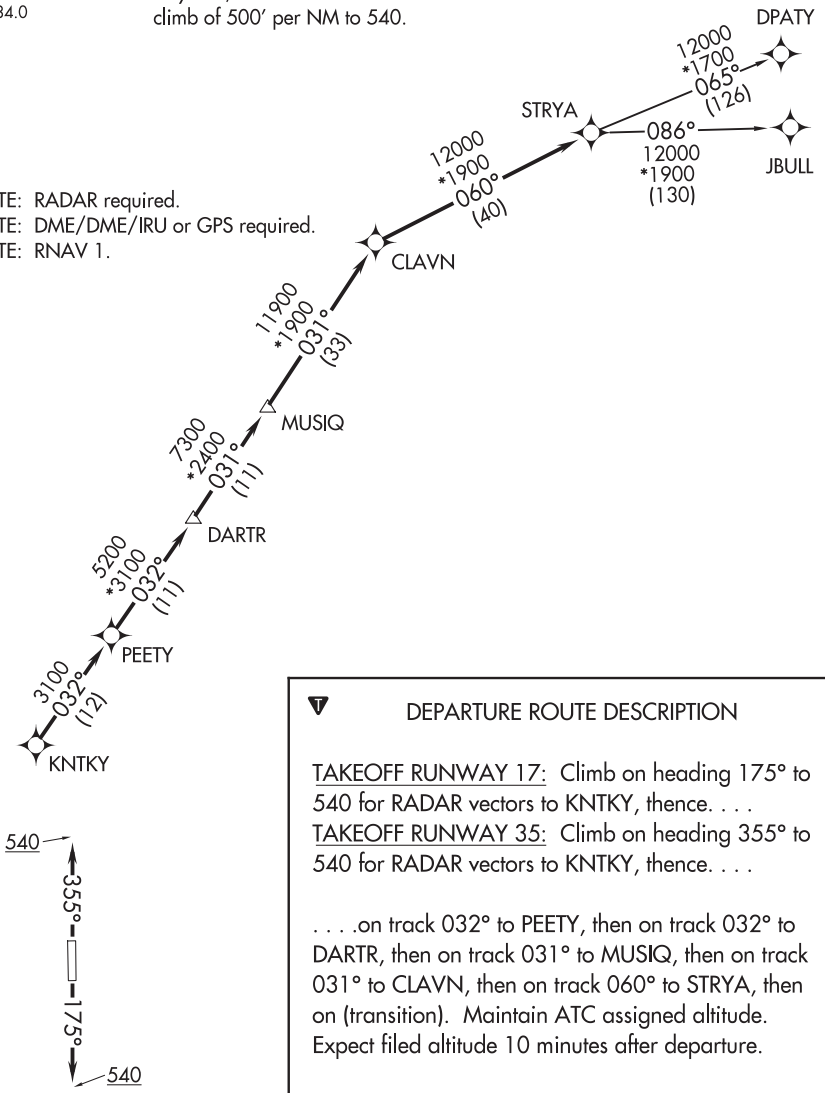
TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
119.925
CTAF
123.0
CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0

TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500′ per NM to 540.

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



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540 for RADAR vectors to KNTKY, thence. . . .

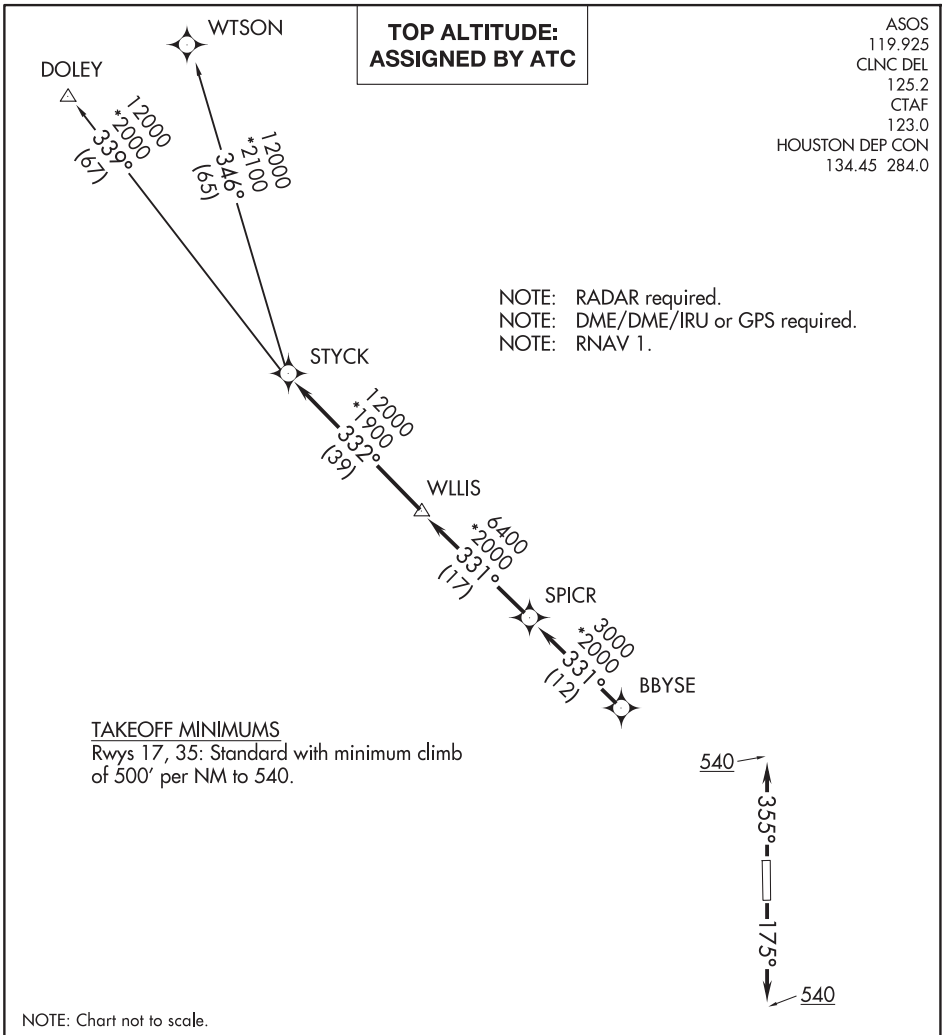
. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

STYCK EIGHT DEPARTURE (RNAV)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(WATFO6.WATFO) 23222 AL-6453 (FAA)

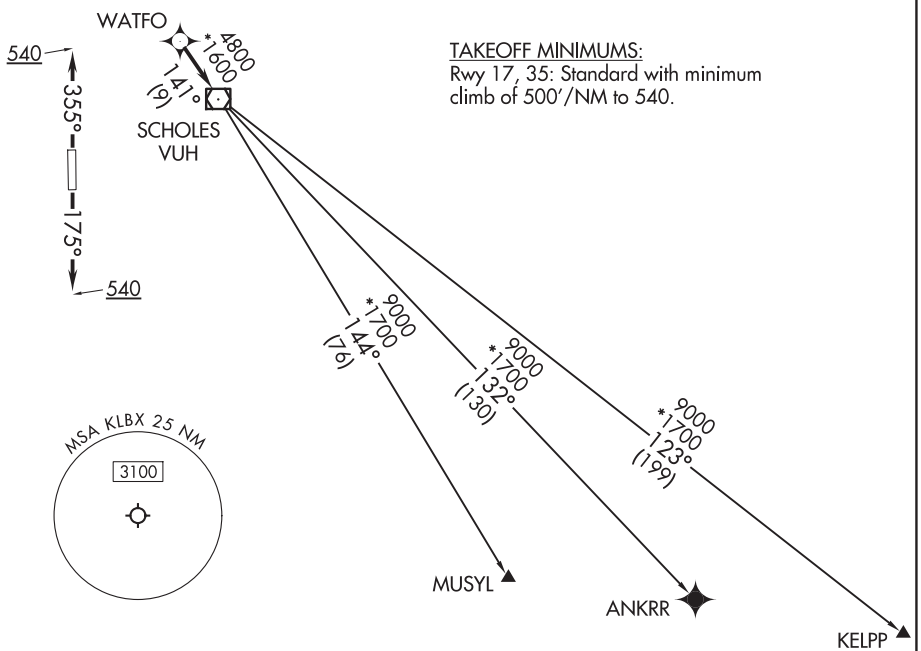
WATFO SIX DEPARTURE (RNAV)

TEXAS GULF COAST RGNL (LBX)
ANGLETON/LAKE JACKSON, TEXAS

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

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
119.925
CTAF
123.0
CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

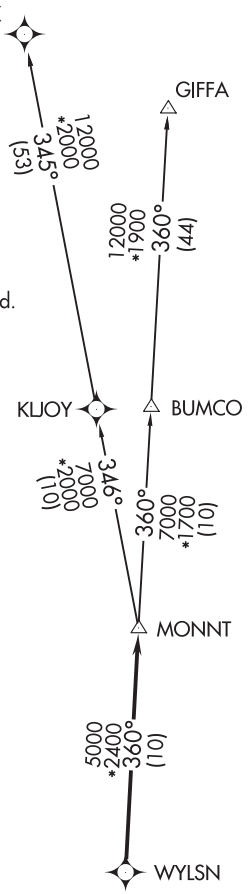
SC-5, 12 JUN 2025 to 07 AUG 2025

WYLSN EIGHT DEPARTURE (RNAV)

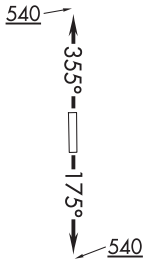
ASOS
119.925
CLNC DEL
125.2
CTAF
123.0
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

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



TAKEOFF MINIMUMS
Rwy 17, 35: Standard with minimum climb of 500′ per NM to 540.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 175° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 355° to 540 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

BAY CITY, TEXAS

AL-5824 (FAA)

25051

RNAV (GPS) RWY 13

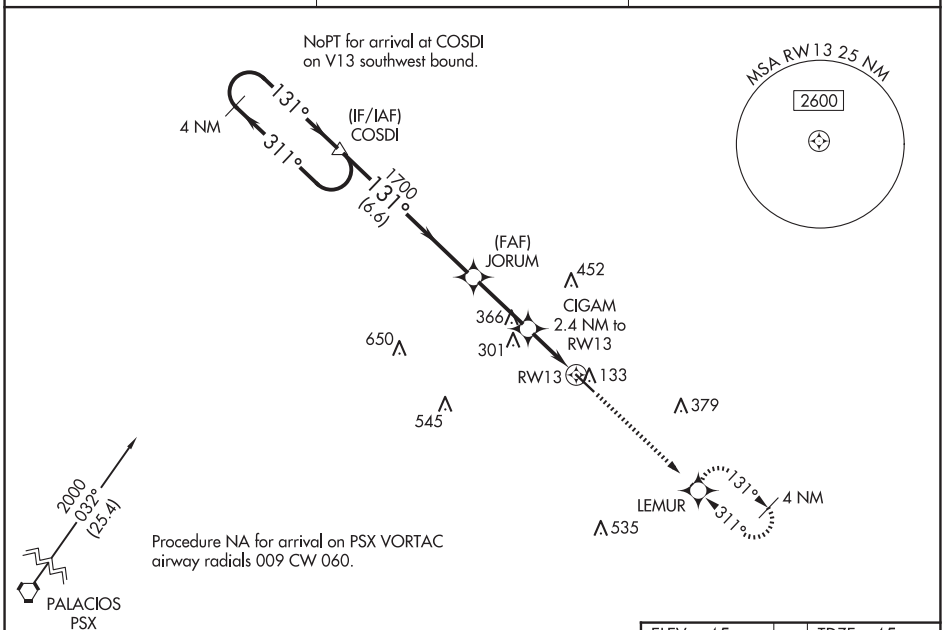
BAY CITY RGNL (BYY)

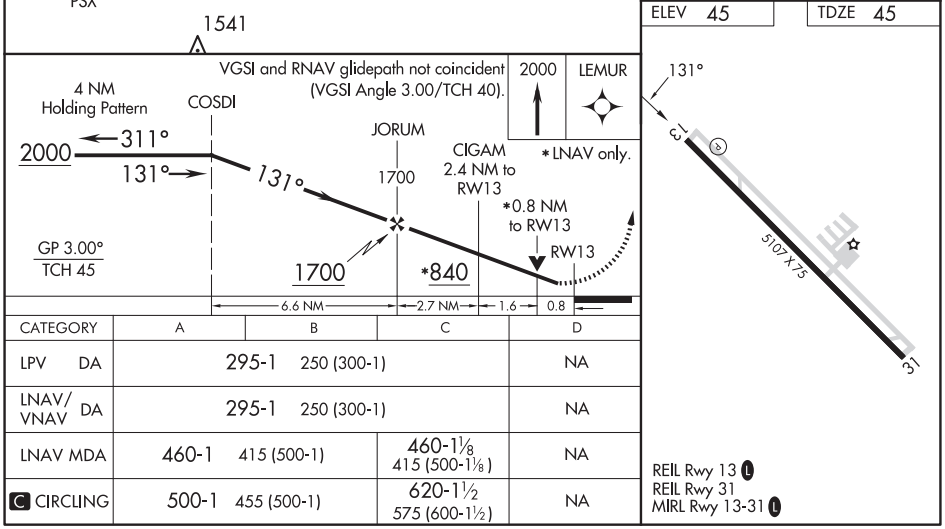
WAAS CH 40127 W13A	APP CRS 131°	Rwy ldg 5107 TDZE 45 Apt Elev 45

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). Rwy 13, 31 helicopter visibility reduction below 1 SM NA. RADAR required. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Palacios altimeter setting and increase all DA 63 feet and all MDA 80 feet; increase LNAV visibility Cat C ¼ mile. VDP and Baro-VNAV N/A when using Palacios altimeter setting.

MISSED APPROACH: Climb to 2000 direct LEMUR and hold.

AWOS-3PT	HOUSTON CENTER	UNICOM
118.075	128.6 360.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	295-1 250 (300-1)			NA
LNAV/VNAV DA	295-1 250 (300-1)			NA
LNAV MDA	460-1 415 (500-1)		460-1⅛ 415 (500-1⅛)	NA
C CIRCLING	500-1 455 (500-1)		620-1½ 575 (600-1½)	NA

REIL Rwy 13 L
REIL Rwy 31
MIRL Rwy 13-31 L

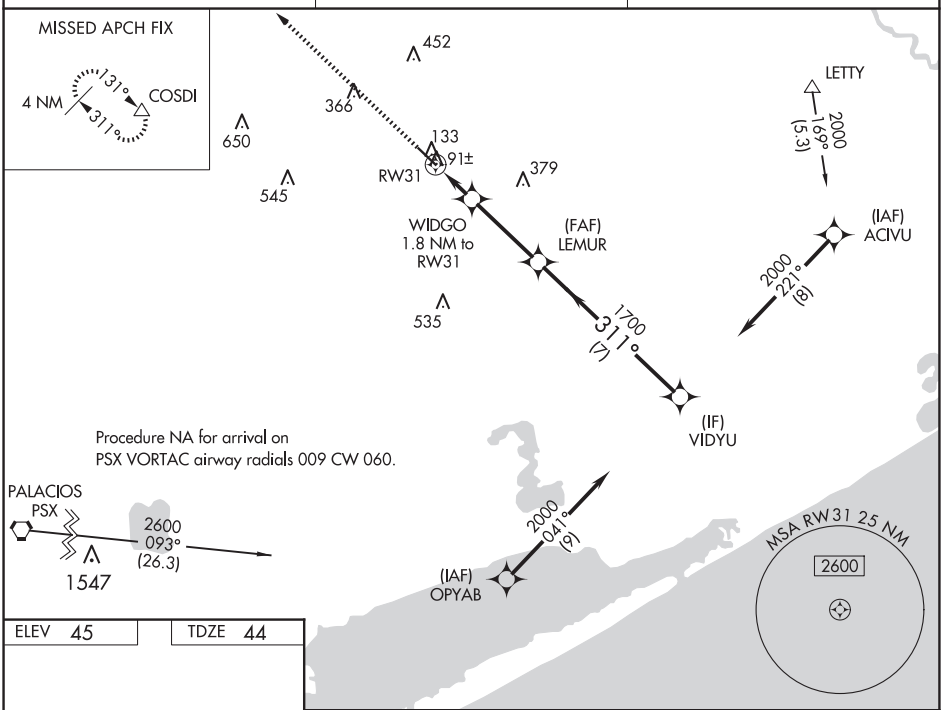
WAAS CH 78326 W31A	APP CRS 311°	Rwy ldg 5107 TDZE 44 Apt Elev 45

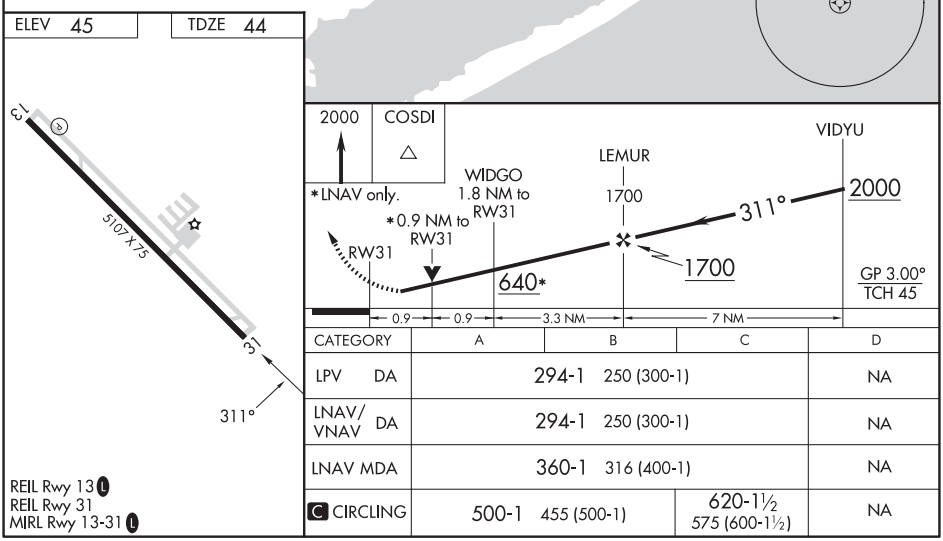
RNAV (GPS) RWY 31
BAY CITY RGNL (BYY)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). Rwy 13, 31 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Palacios altimeter setting and increase all DA 63 feet and all MDA 80 feet; increase LNAV visibility Cat C ¼ mile. VDP and Baro-VNAV N/A when using Palacios altimeter setting.

MISSED APPROACH: Climb to 2000 direct COSDI and hold.

AWOS-3PT	HOUSTON CENTER	UNICOM
118.075	128.6 360.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	294-1 250 (300-1)			NA
LNAV/VNAV DA	294-1 250 (300-1)			NA
LNAV MDA	360-1 316 (400-1)			NA
C CIRCLING	500-1 455 (500-1)		620-1½ 575 (600-1½)	NA

REIL Rwy 13 L
REIL Rwy 31
MIRL Rwy 13-31 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

BAY CITY, TEXAS | AL-5824 (FAA) | 25051

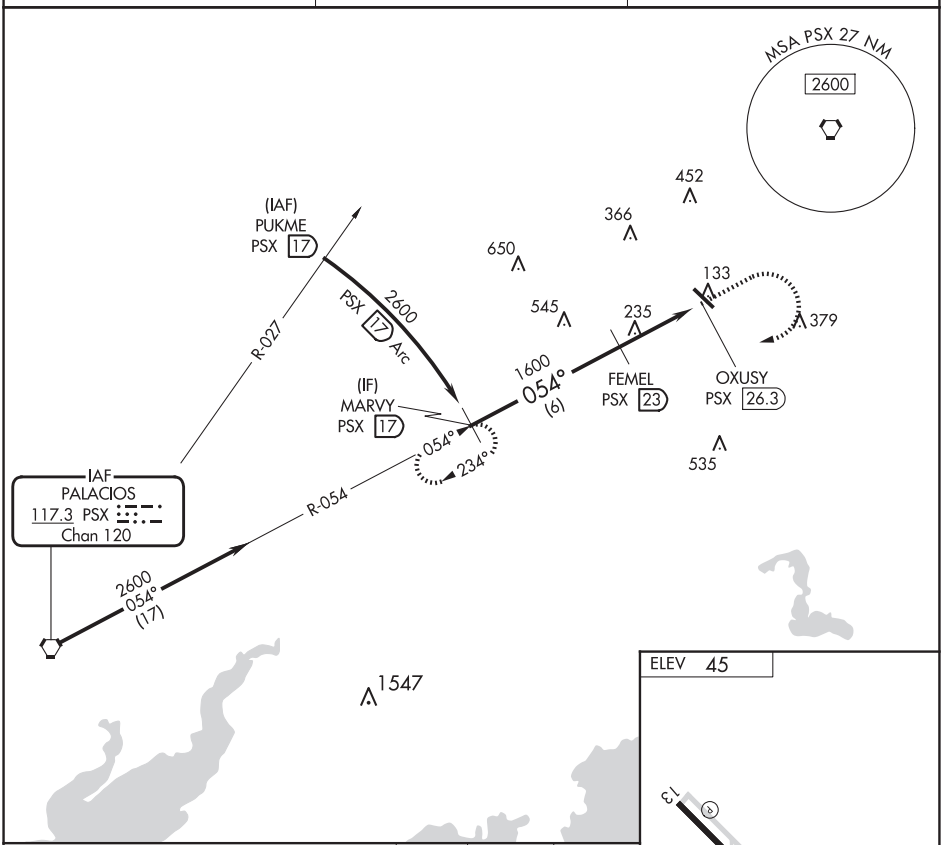
VOR-A
BAY CITY RGNL (BYY)

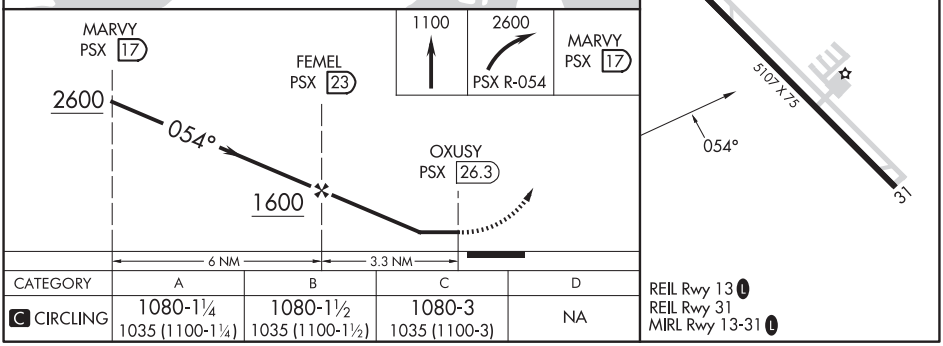
VORTAC PSX 117.3 Chan 120	APP CRS 054°	Rwy ldg N/A TDZE N/A Apt Elev 45

Rwy 13, 31 helicopter visibility reduction below 1 SM NA.
DME required. When local altimeter setting not received, use Palacios altimeter setting and increase all MDA 80 feet.

MISSED APPROACH: Climb to 1100 then climbing right turn to 2600 on PSX VORTAC R-054 to MARVY/17 DME and hold.

AWOS-3PT	HOUSTON CENTER	UNICOM
118.075	128.6 360.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
C CIRCLING	1080-1¼ 1035 (1100-1¼)	1080-1½ 1035 (1100-1½)	1080-3 1035 (1100-3)	NA

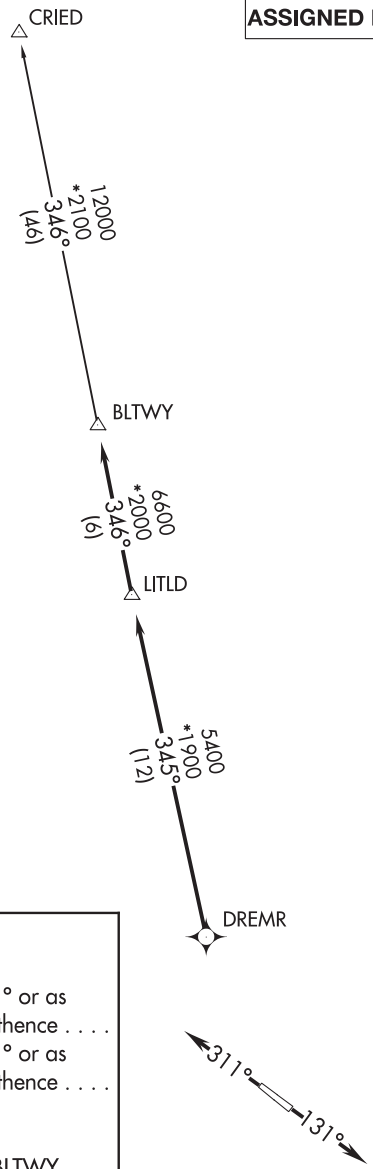
SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

BLTWY SEVEN DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.8
HOUSTON DEP CON
128.6 360.85



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 13, 31: Standard with minimum climb of 500′ per NM to 560.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 131° or as assigned by ATC for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 31: Climb on heading 311° or as assigned by ATC for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

(INDIE8.INDIE) 25051 AL-5824 (FAA) BAY CITY RGNL (BYY)

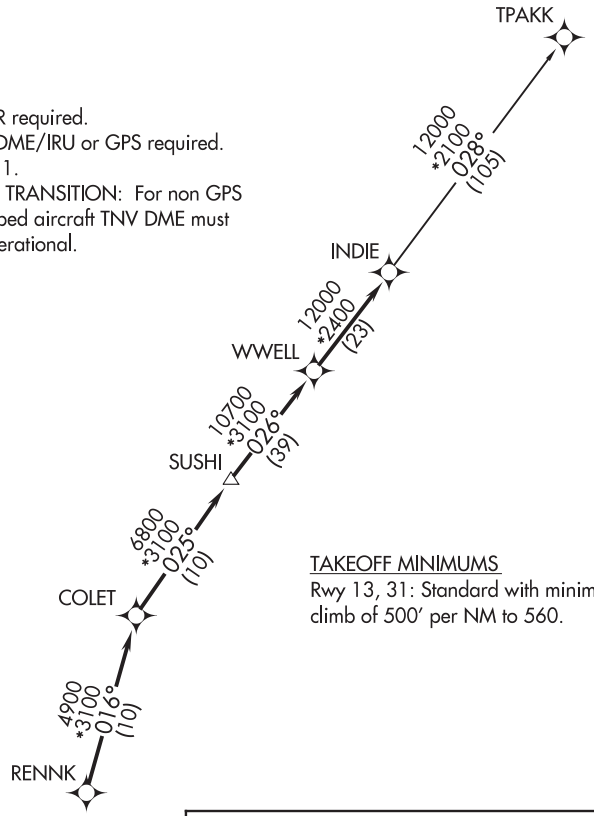
INDIE EIGHT DEPARTURE (RNAV)

BAY CITY, TEXAS

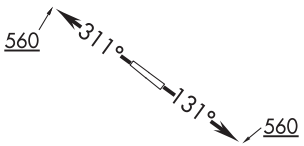
AWOS-3PT
118.075
CTAF
122.8
HOUSTON CENTER
128.6 360.8

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwy 13, 31: Standard with minimum climb of 500′ per NM to 560.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 131° to 560 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 31: Climb on heading 311° to 560 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE , then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

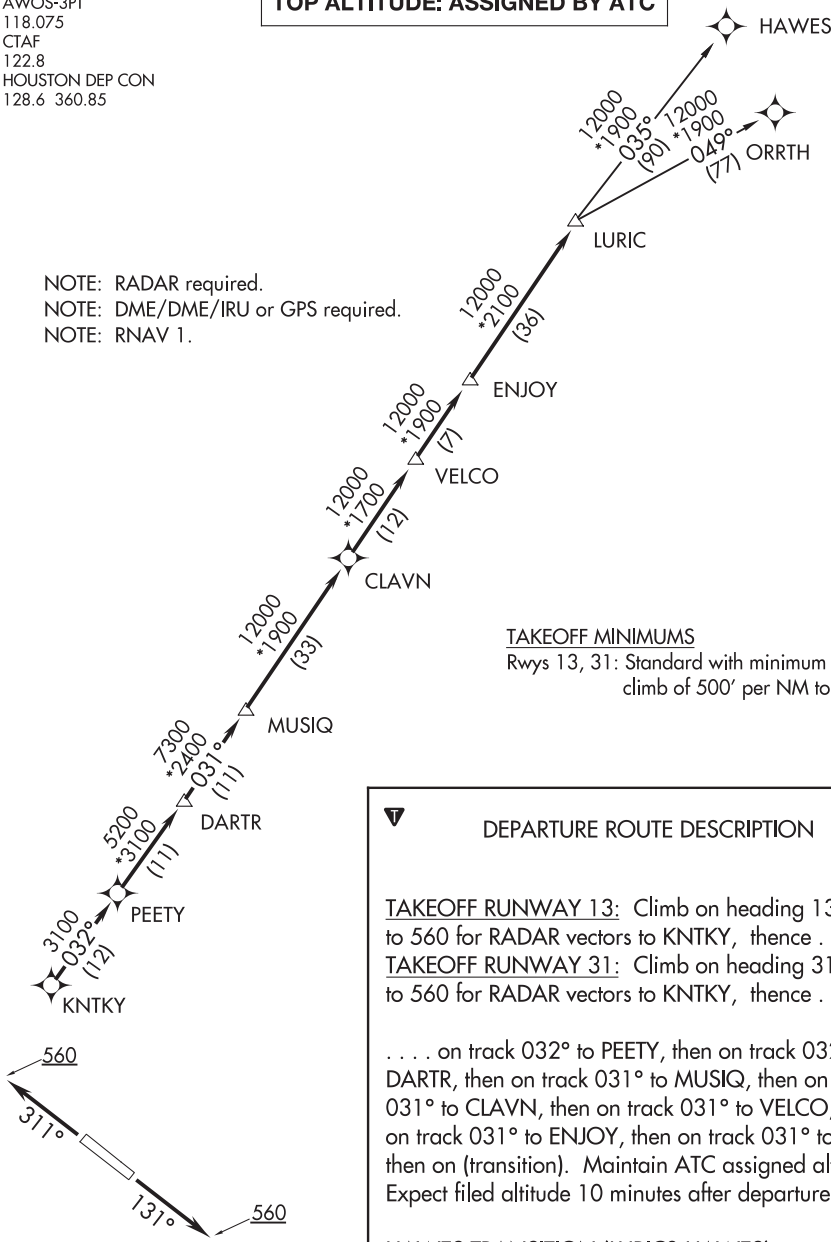
TPAKK TRANSITION (INDIE8.TPAKK)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3PT
118.075
CTAF
122.8
HOUSTON DEP CON
128.6 360.85

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



TAKEOFF MINIMUMS
Rwys 13, 31: Standard with minimum climb of 500′ per NM to 560.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 131° to 560 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 31: Climb on heading 311° to 560 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

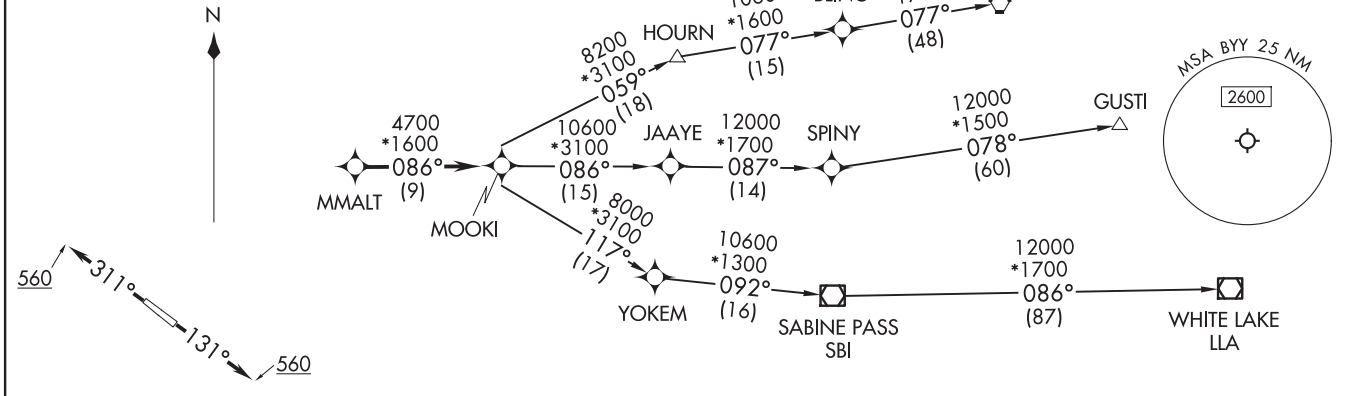
NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON DEP CON
128.6 360.85

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

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.

TAKEOFF MINIMUMS
Rwys 13, 31: Standard with minimum climb of 500'/NM to 560.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 131° to 560, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 31: Climb on heading 311° to 560, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

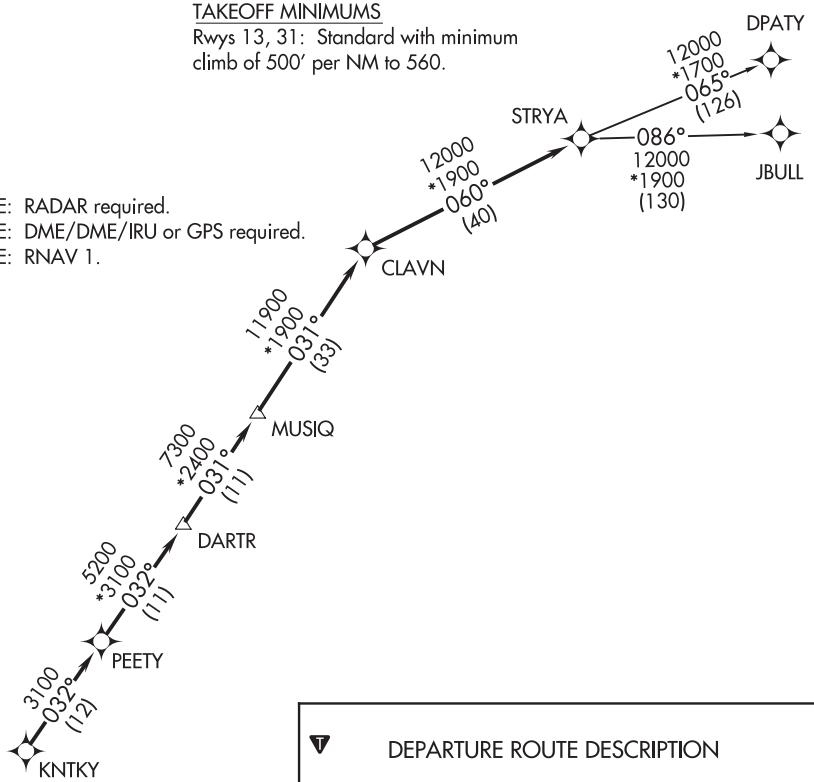
STRYA EIGHT DEPARTURE (RNAV)

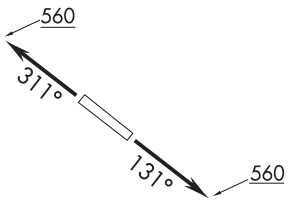
TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3PT
118.075
CTAF
122.8
HOUSTON CENTER
128.6 360.85

TAKEOFF MINIMUMS
Rwys 13, 31: Standard with minimum climb of 500′ per NM to 560.

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 131° to 560 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 31: Climb on heading 311° to 560 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

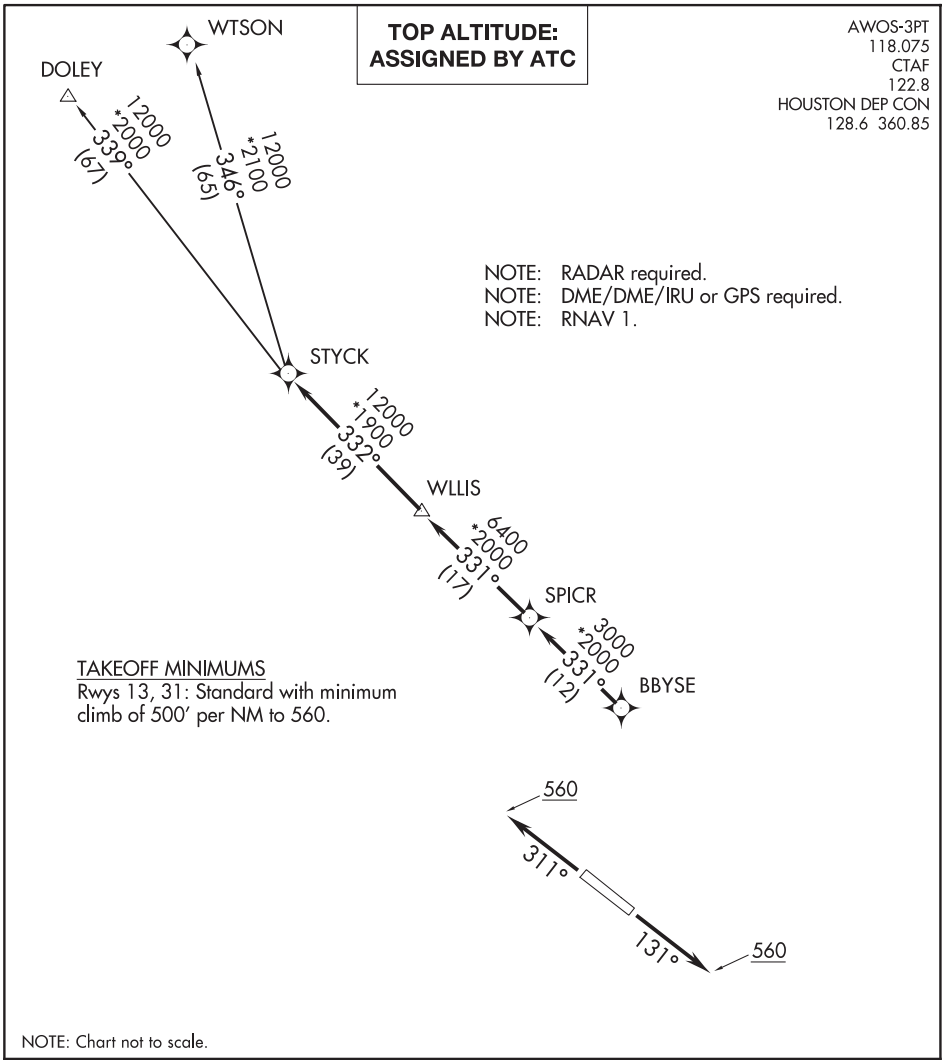
SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

(STYCK8.STYCK) 25051 AL-5824 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

BAY CITY RGNL (BYY)
BAY CITY, TEXAS



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 131° to 560 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 31: Climb on heading 311° to 560 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

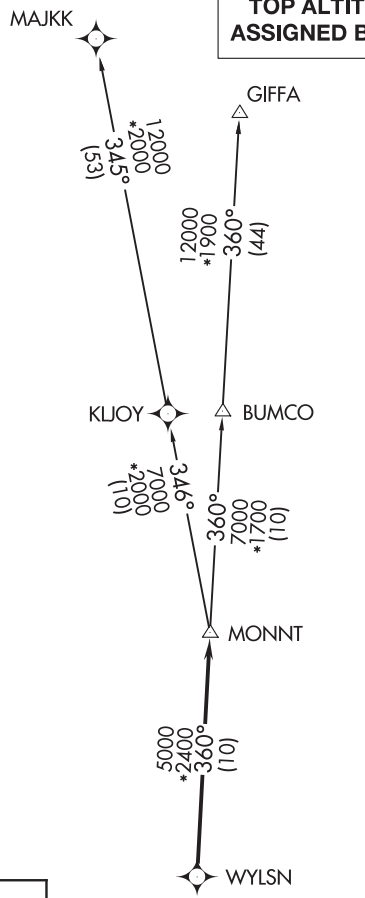
DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

WYLSN EIGHT DEPARTURE (RNAV)

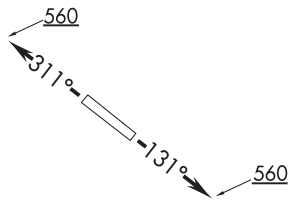
HOUSTON DEP CON
128.6 360.85

TOP ALTITUDE: ASSIGNED BY ATC



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

TAKEOFF MINIMUMS
Rwy 13, 31: Standard with minimum climb of 500′ per NM to 560.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 131° to 560 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 31: Climb on heading 311° to 560 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

BAYTOWN, TEXAS

AL-5757 (FAA)

21168

RNAV (GPS) RWY 14
BAYTOWN (HPY)

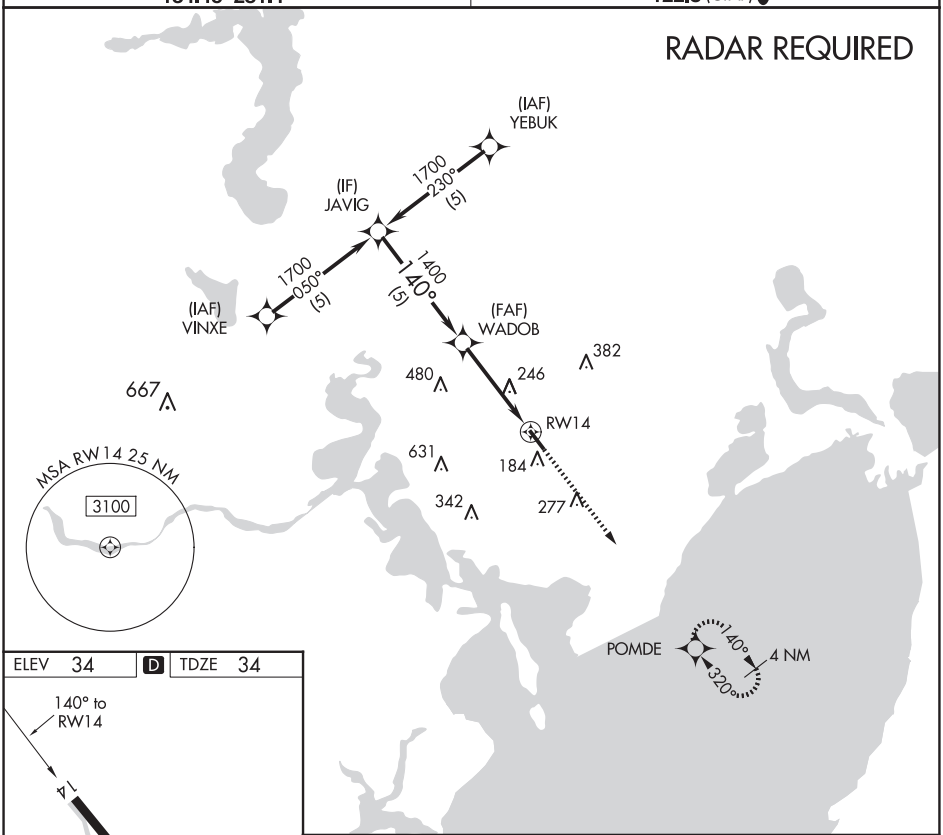
APP CRS	Rwy ldg	3320
140°	TDZE	34
	Apt Elev	34

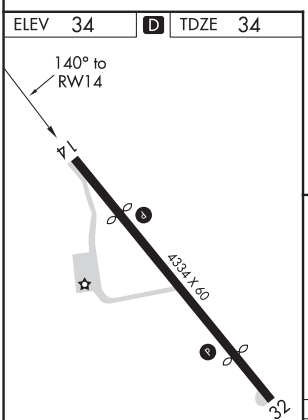
RNP APCH.

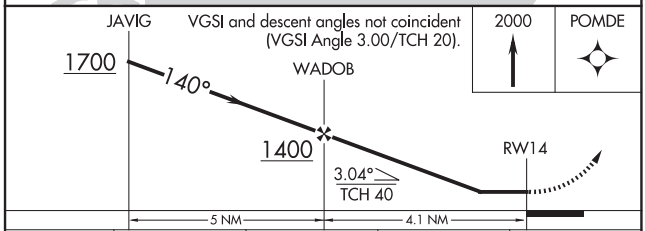
Circling NA at night. Rwy 14 helicopter visibility reduction below 1 SM NA. Obtain local altimeter setting on CTAF; when not received, use William P Hobby altimeter setting and increase all MDA 60 feet.

MISSED APPROACH: Climb to 2000 direct to POMDE and hold.

HOUSTON APP CON	UNICOM
134.45 281.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	500-1 466 (500-1)		NA	
CIRCLING	500-1 466 (500-1)	560-1 526 (600-1)	NA	

MIRL Rwy 14-32 L
REIL Rwys 14 and 32 L

RNAV (GPS) RWY 32
BAYTOWN (HPY)

APP CRS	Rwy ldg	3283
320°	TDZE	28
	Apt Elev	34

RNP APCH-GPS.

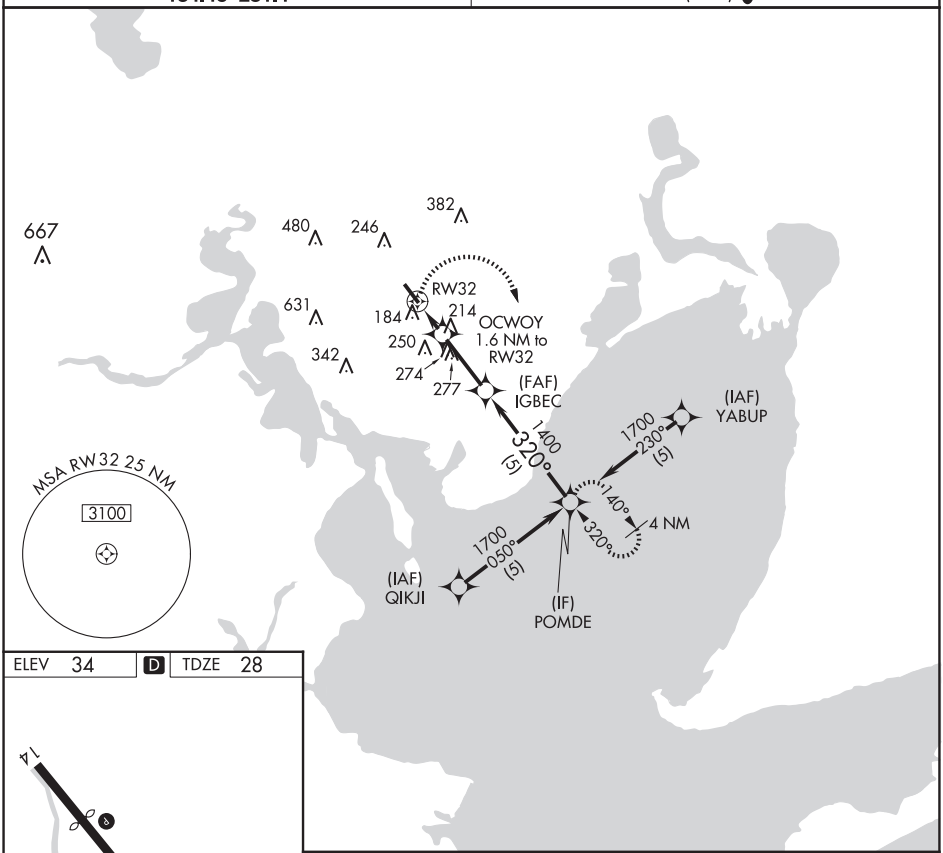
T

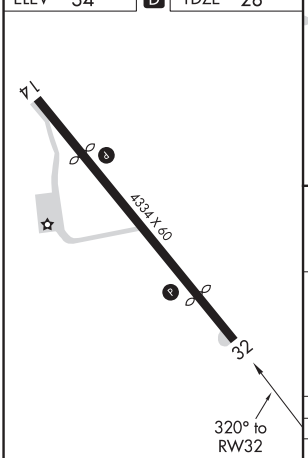
A NA

Circling NA at night. Rwy14 helicopter visibility reduction below 1 SM NA. Obtain local altimeter setting on CTAF; when not received, use William P Hobby altimeter setting and increase all MDA 60 feet.

MISSED APPROACH: Climbing right turn to 2000 direct to POMDE and hold.

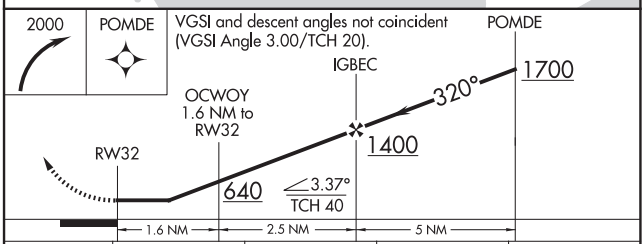
HOUSTON APP CON	UNICOM
134.45 281.4	122.8 (CTAF) L





MIRL Rwy 14-32 L

REIL Rwys 14 and 32 L



CATEGORY	A	B	C	D
LNAV MDA	520-1	492 (500-1)	NA	
CIRCLING	520-1 486 (500-1)	560-1 526 (600-1)	NA	

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

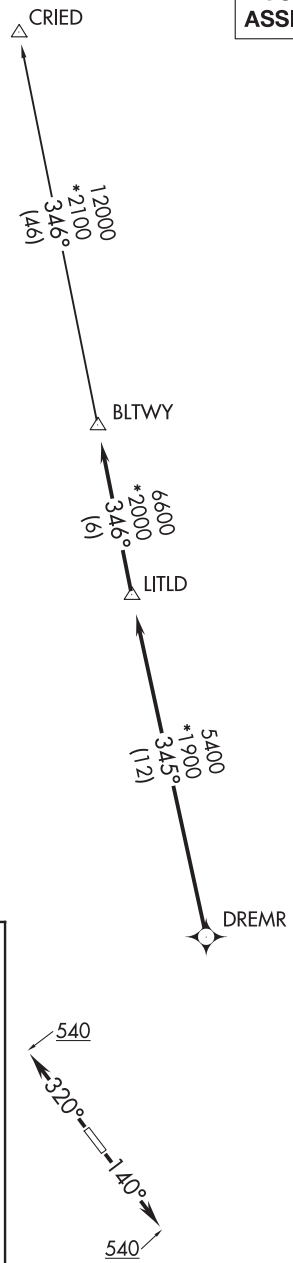
(BLTWY7.BLTWY) 21280

BLTWY SEVEN DEPARTURE (RNAV)

BAYTOWN (HPY)
BAYTOWN, TEXAS

CTAF
122.8
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 14, 32: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

BLTWY SEVEN DEPARTURE (RNAV)
(BLTWY7.BLTWY) 07OCT21

BAYTOWN, TEXAS
BAYTOWN (HPY)

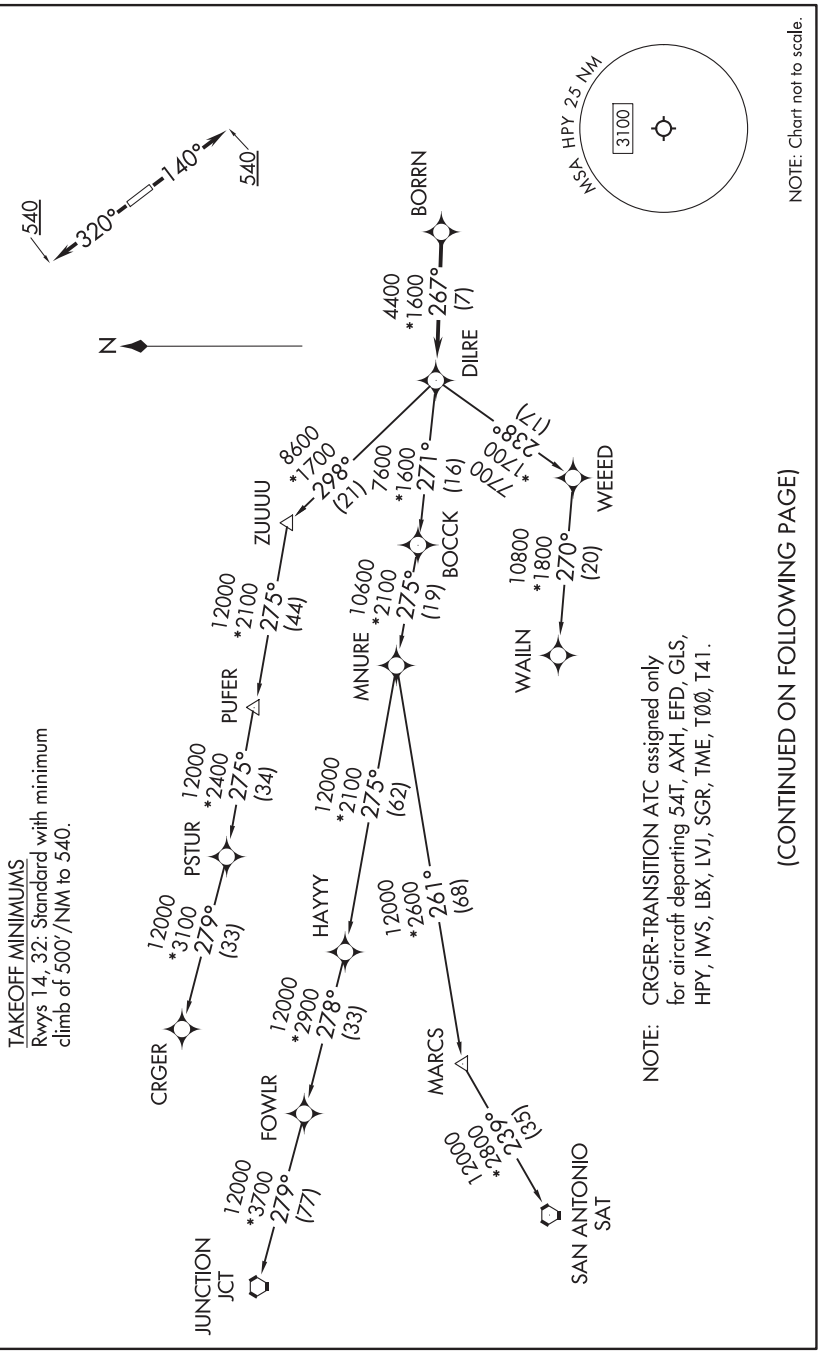
BORRN SIX DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

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

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500'/NM to 540.

CTAF
122.8
HOUSTON DEP CON
134.45 284.0



NOTE: Chart not to scale.

NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

HOODO SEVEN DEPARTURE (RNAV)
(HOODO7.HOODO) 07OCT21

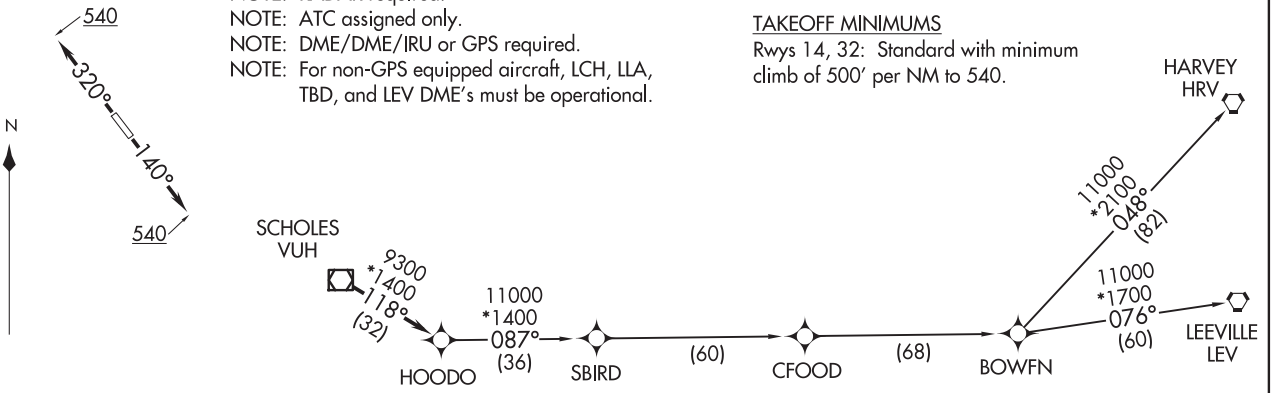
BAYTOWN, TEXAS
BAYTOWN (HPY)

CTAF
122.8
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 540.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(HOODO7.HOODO) 21280
HOODO SEVEN DEPARTURE (RNAV)
AL-5757 (FAA)
BAYTOWN (HPY)
BAYTOWN, TEXAS

(INDIE8.INDIE) 21280

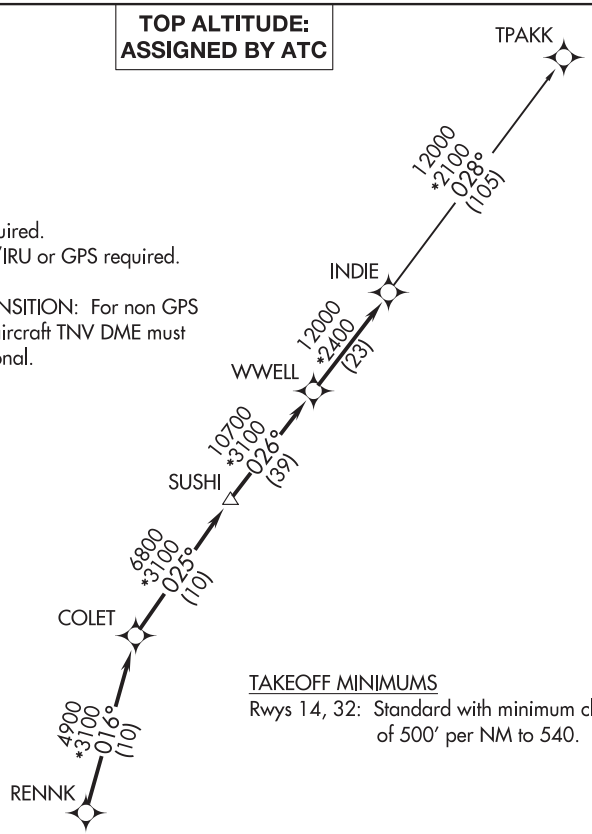
INDIE EIGHT DEPARTURE (RNAV)

BAYTOWN (HPY)
BAYTOWN, TEXAS

CTAF
122.8
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



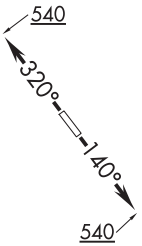
TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)



NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

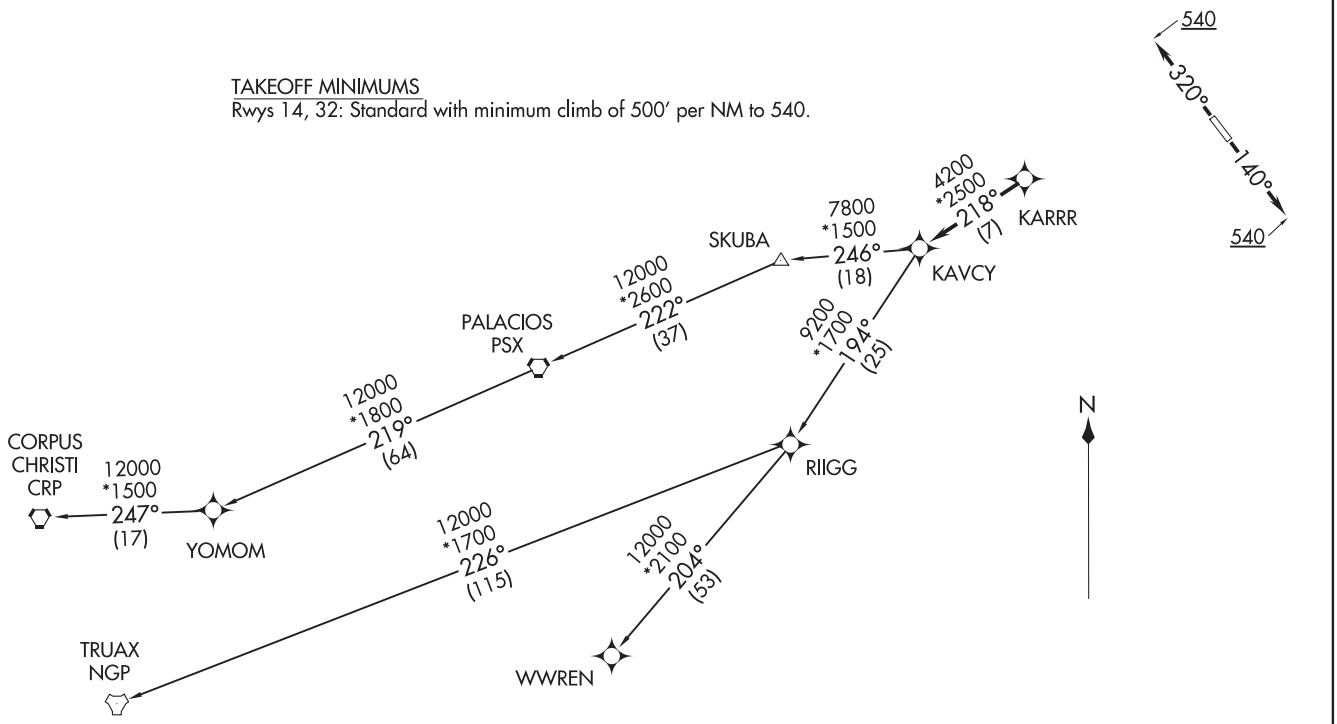
INDIE EIGHT DEPARTURE (RNAV)
(INDIE8.INDIE) 07OCT21
BAYTOWN, TEXAS
BAYTOWN (HPY)

CTAF
122.8
HOUSTON DEP CON
134.45 284.0

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

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 540.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
KARRR SEVEN DEPARTURE (RNAV)
(KARRR7.KARRR) 29DEC22
BAYTOWN, TEXAS
BAYTOWN (HPY)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540, for RADAR vectors to KARRR, thence . . . .

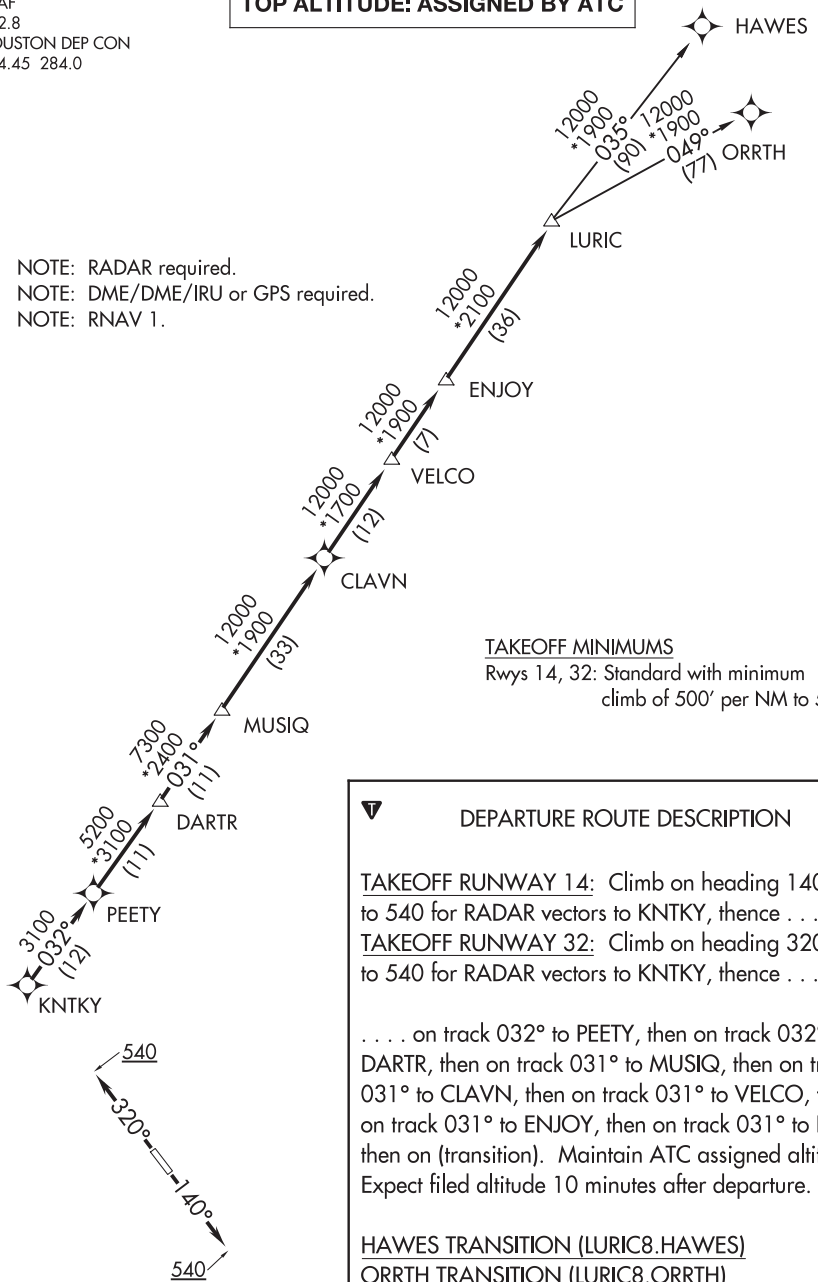
. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSTION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.8
HOUSTON DEP CON
134.45 284.0

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



TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

MMALT SEVEN DEPARTURE (RNAV)

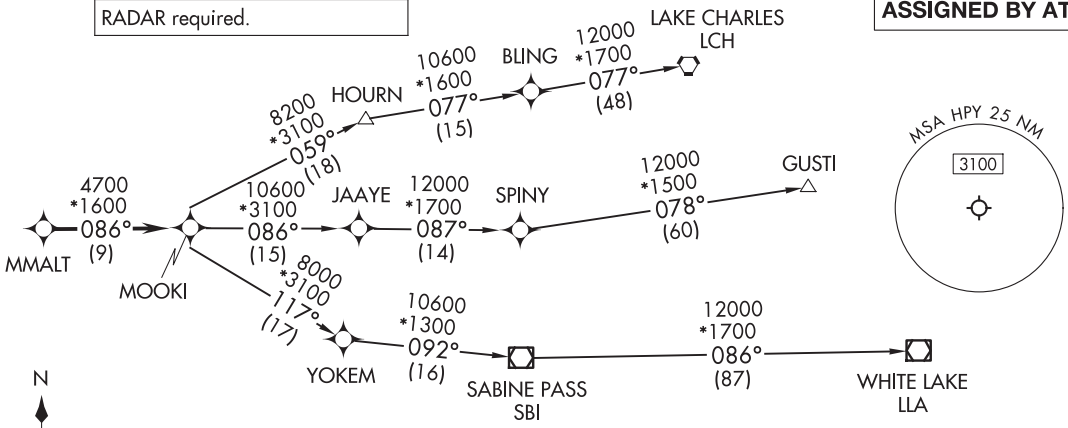
(MMALT7.MMALT) 30NOV23

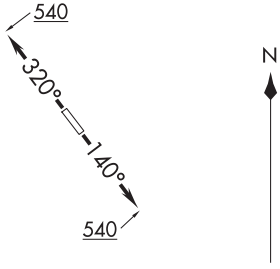
BAYTOWN (HPY)
BAYTOWN, TEXAS

HOUSTON DEP CON
134.45 284.0
CTAF
122.8

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

TOP ALTITUDE: ASSIGNED BY ATC





NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′/NM to 540.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

(MMALT7.MMALT) 23334
MMALT SEVEN DEPARTURE (RNAV)
AL-5757 (FAA)
BAYTOWN (HPY)
BAYTOWN, TEXAS

SC-5, 12 JUN 2025 to 07 AUG 2025

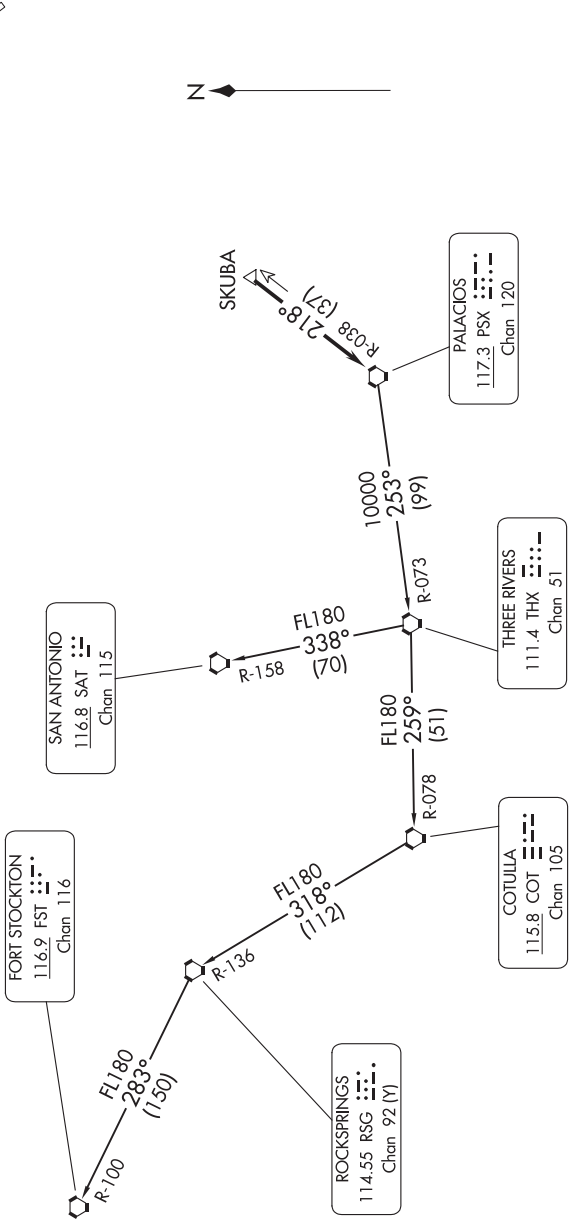
PALACIOS THREE DEPARTURE

TOP ALTITUDE: ASSIGNED BY ATC

RADAR and DME required.

TAKEOFF MINIMUMS
Rwy 14: 300-1 or standard with a minimum climb of 420′ per NM to 300.
Rwy 32: Standard.

CTAF
122.8
HOUSTON DEP CON
134.45 284.0



(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

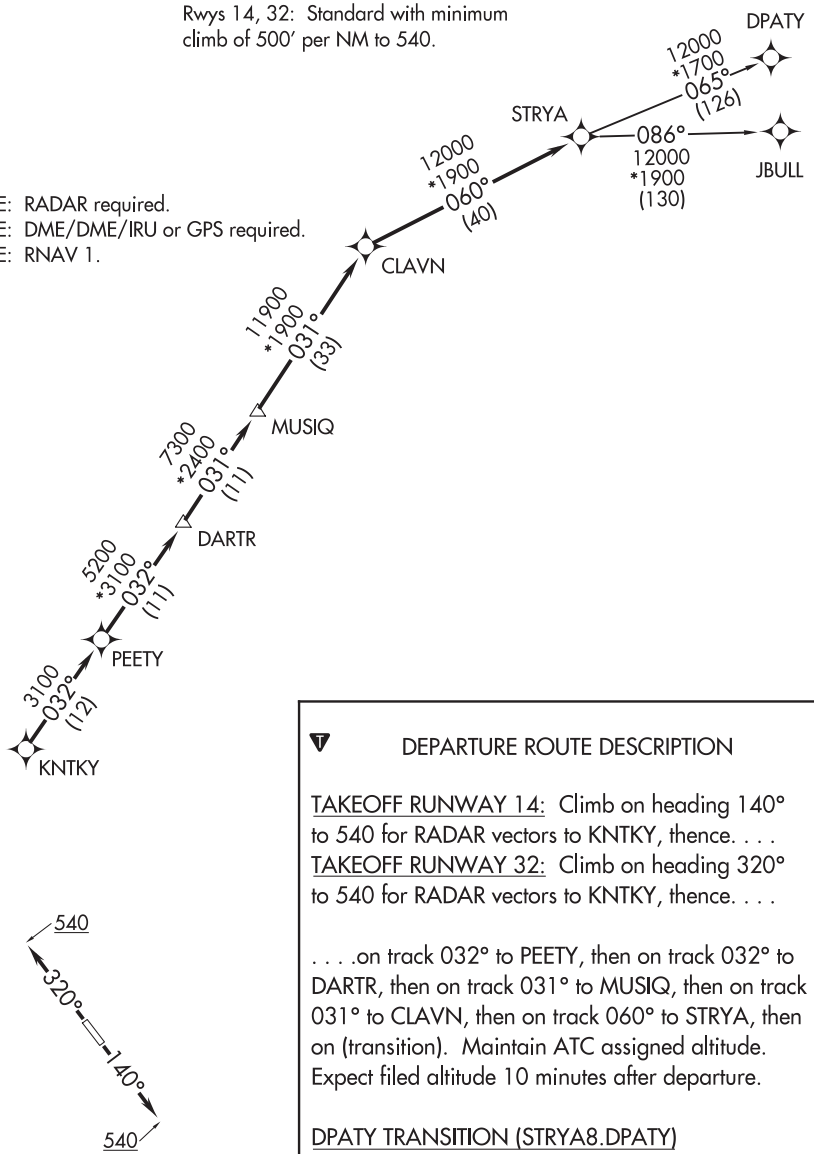
STRYA EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.8
HOUSTON DEP CON
134.45 284.0

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 540.

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



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540 for RADAR vectors to KNTKY, thence. . . .

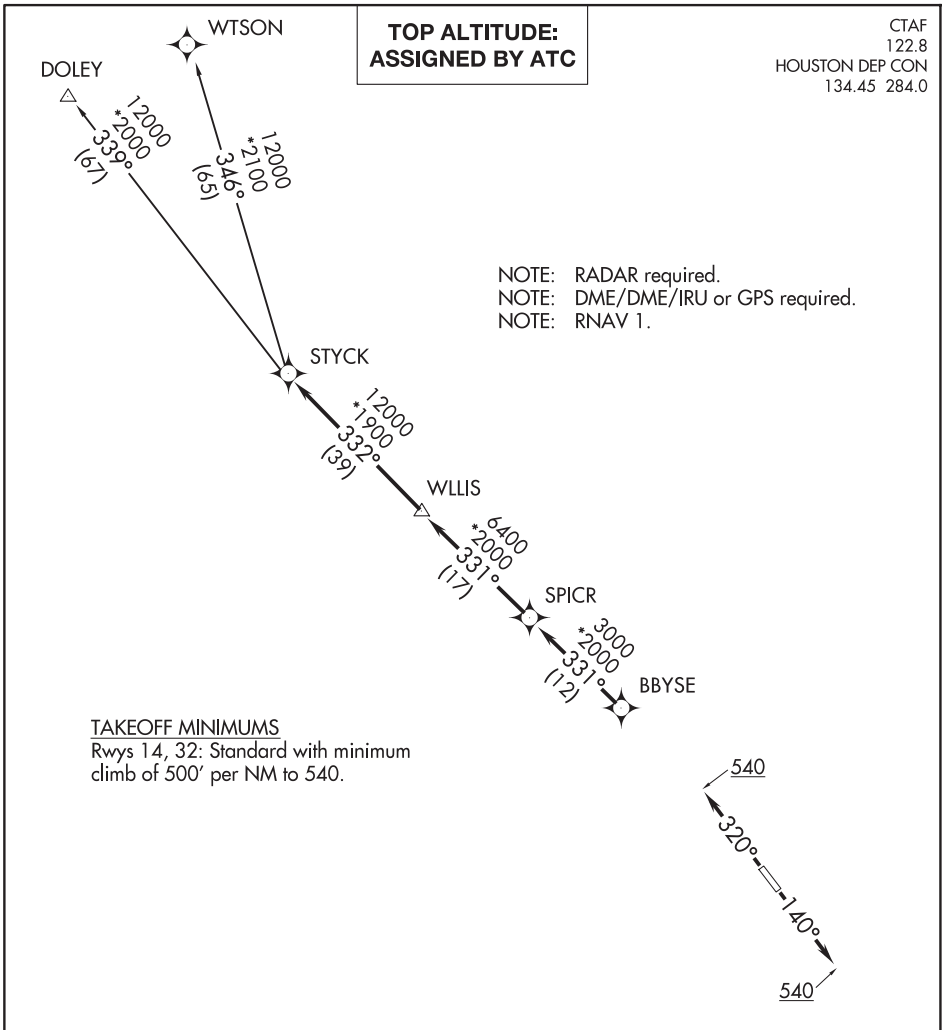
. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

(STYCK8.STYCK) 21280 AL-5757 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

BAYTOWN (HPY)
BAYTOWN, TEXAS



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

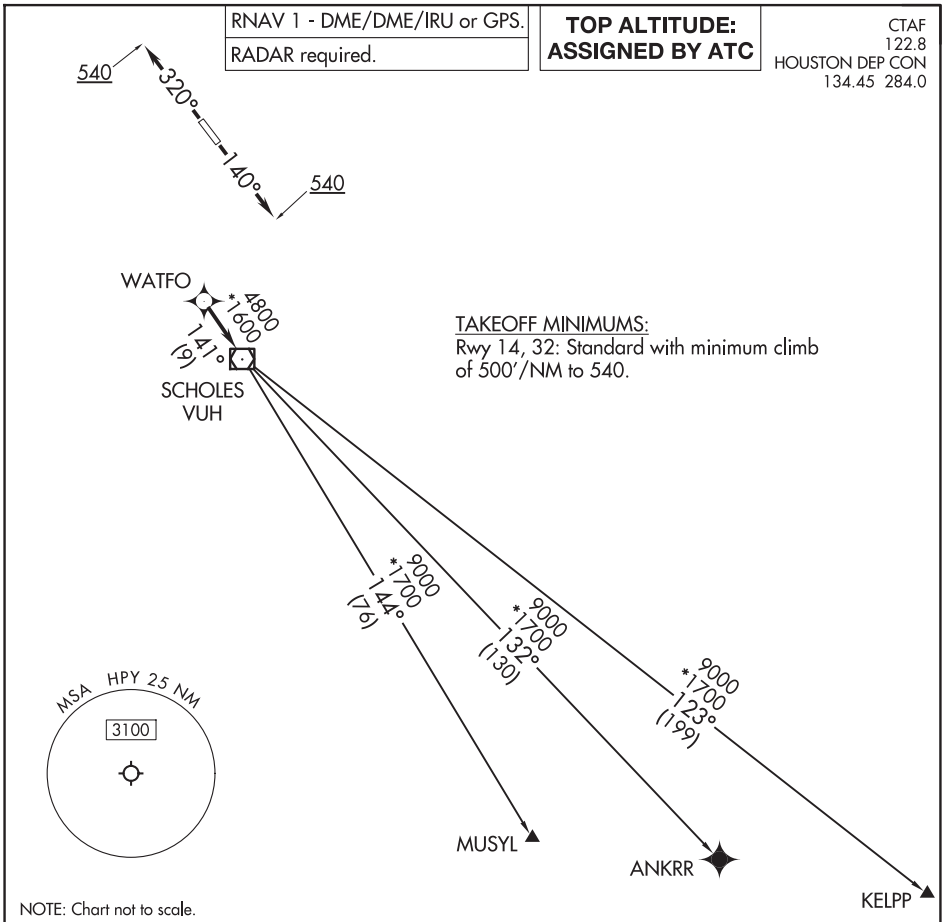
WATFO SIX DEPARTURE (RNAV)

BAYTOWN (HPY)
BAYTOWN, TEXAS

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

TOP ALTITUDE: ASSIGNED BY ATC

CTAF 122.8
HOUSTON DEP CON 134.45 284.0



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

WATFO SIX DEPARTURE (RNAV)

BAYTOWN, TEXAS
BAYTOWN (HPY)

(WYLSN8.WYLSN) 21280 AL-5757 (FAA)

BAYTOWN (HPY)

BAYTOWN, TEXAS

WYLSN EIGHT DEPARTURE (RNAV)

CTAF
122.8
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

MAJKK

GIFFA

12000
*2000
345°
(53)

12000
*1900
360°
(44)

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

KLJOY

BUMCO

7000
*2000
346°
(10)

360°
7000
*1700
(10)

TAKEOFF MINIMUMS
Rwy 14, 32: Standard with minimum climb of 500′ per NM to 540.

MONNT

5000
*2400
360°
(10)

WYLSN

540

320°

140°

540

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 140° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 540 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

WYLSN EIGHT DEPARTURE (RNAV)

BAYTOWN, TEXAS

(WYLSN8.WYLSN) 07OCT21

BAYTOWN (HPY)

APP CRS	Rwy Ldg	N/A
264°	TDZE	N/A
	Apt Elev	33

RNAV (GPS)-A
RWJ AIRPARK (54T)

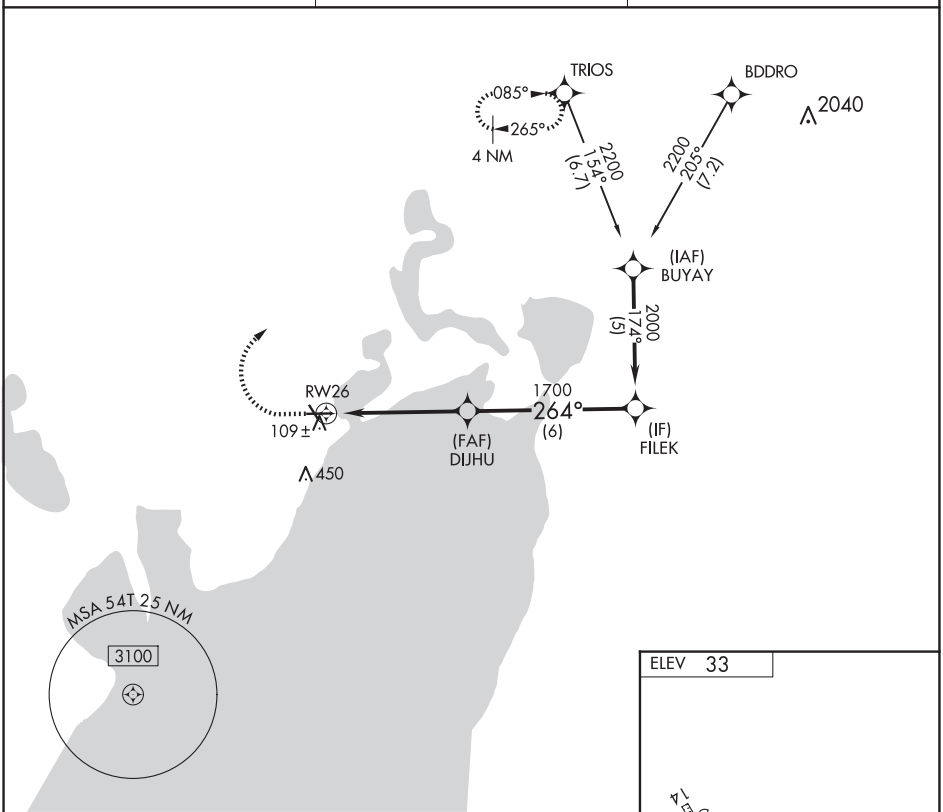
RNP APCH - GPS.

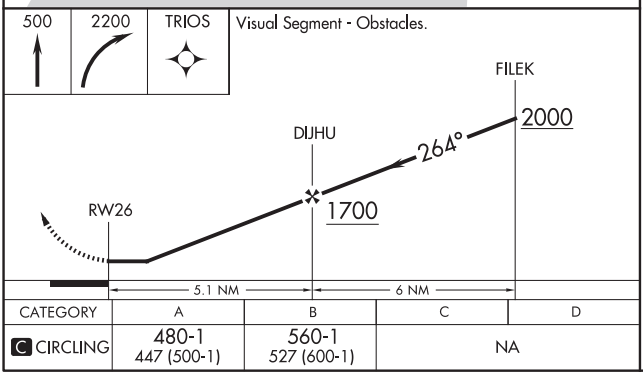
Circling NA to Rwys 14 and 32. Procedure NA at night. Use HOU altimeter setting.

NA

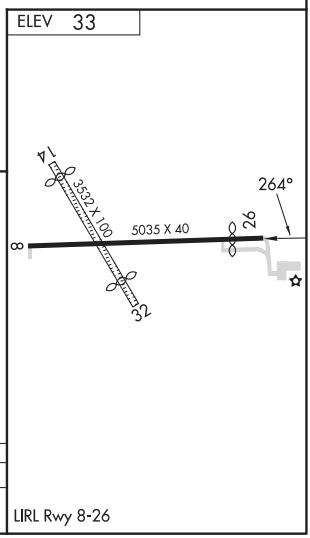
MISSED APPROACH: Climb to 500 then climbing right turn to 2200 direct TRIOS and hold.

HOU ASOS	HOUSTON APP CON	UNICOM
124.6	134.45 284.0	122.7 (CTAF)





CATEGORY	A	B	C	D
C CIRCLING	480-1 447 (500-1)	560-1 527 (600-1)	NA	



LIRL Rwy 8-26

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

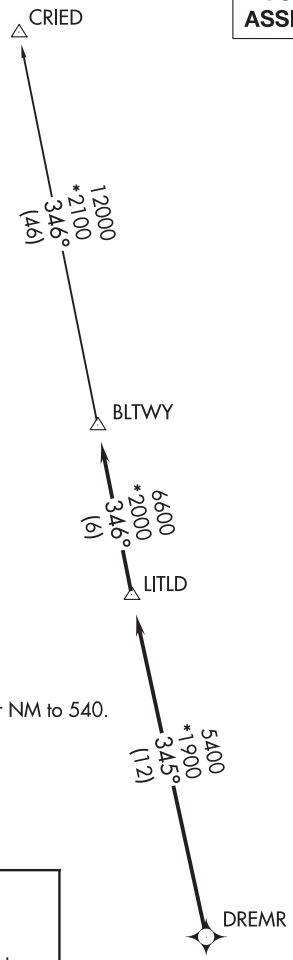
(BLTWY7.BLTWY) 21280

BLTWY SEVEN DEPARTURE (RNAV)

RWJ AIRPARK (54T)
BAYTOWN, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.7
HOUSTON DEP CON
134.45 284.0

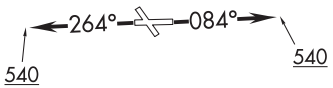


NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 14, 32: NA - Environmental.
Rwys 8, 26: Standard with minimum climb of 500′ per NM to 540.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 084° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

BLTWY SEVEN DEPARTURE (RNAV)
(BLTWY7.BLTWY) 07OCT21

BAYTOWN, TEXAS
RWJ AIRPARK (54T)

BORRN SIX DEPARTURE (RNAV)

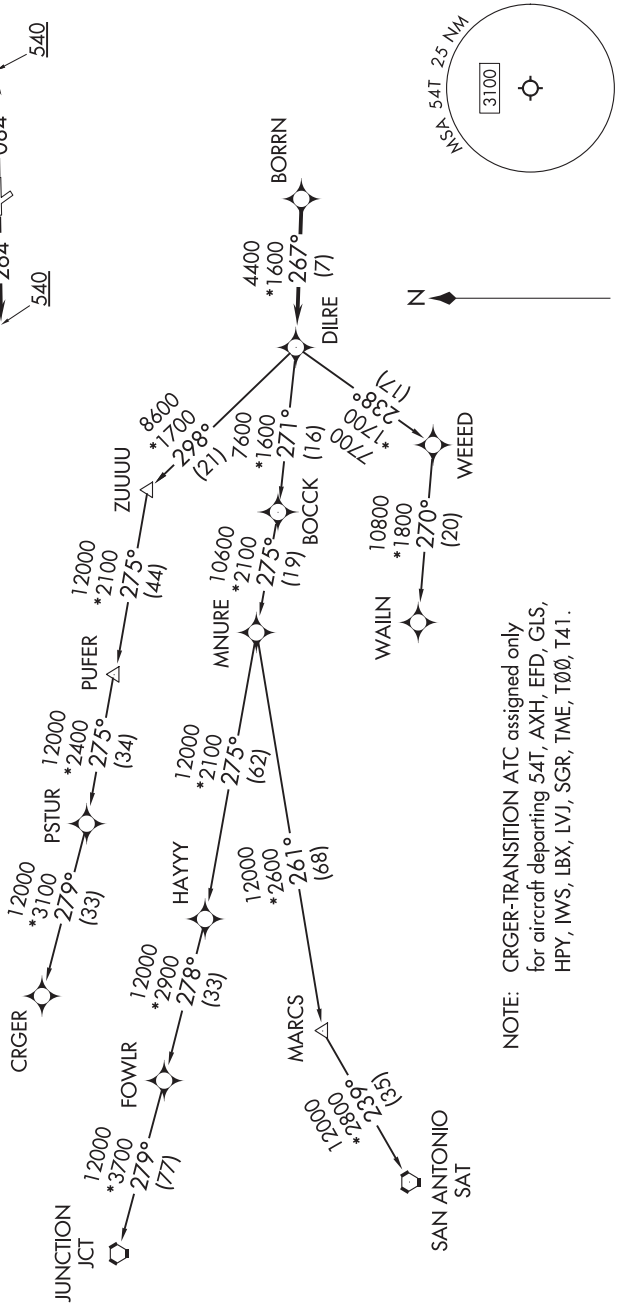
TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TAKEOFF MINIMUMS
Rwys 14, 32: NA - Environmental.
Rwys 8, 26: Standard with minimum climb of 500'/NM to 540.

CTAF 122.7
HOUSTON DEP CON 134.45 284.0



NOTE: Chart not to scale.

NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 084° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

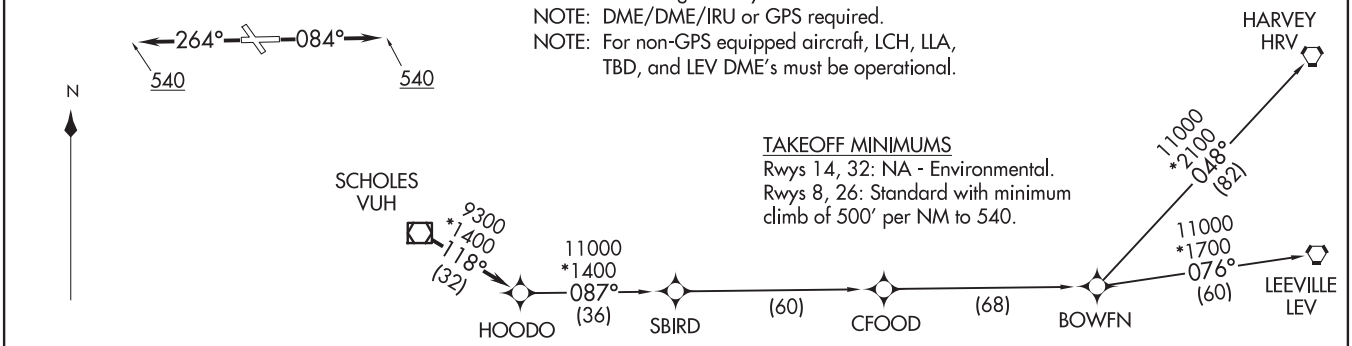
CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.7
HOUSTON DEP CON
134.45 284.0

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.



TAKEOFF MINIMUMS
Rwys 14, 32: NA - Environmental.
Rwys 8, 26: Standard with minimum climb of 500' per NM to 540.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 084° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .

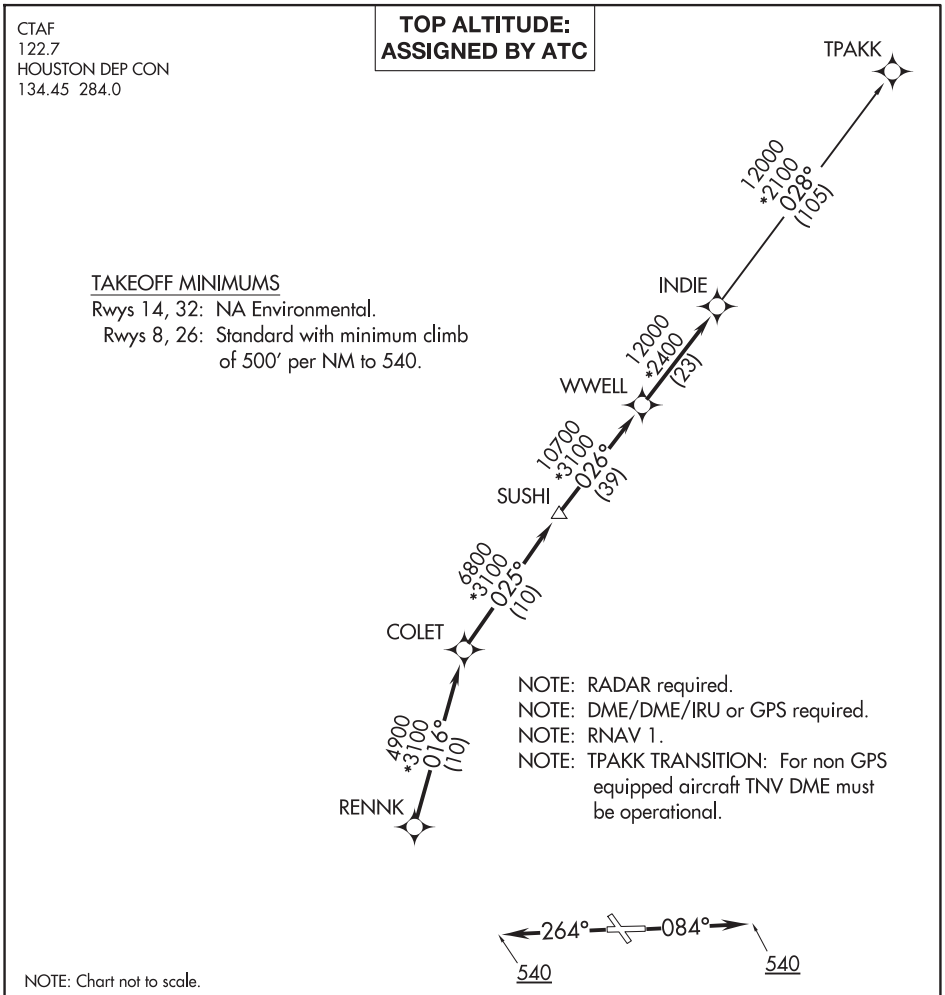
. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(INDIE8.INDIE) 21280

INDIE EIGHT DEPARTURE (RNAV)

RWJ AIRPARK (54T)
BAYTOWN, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

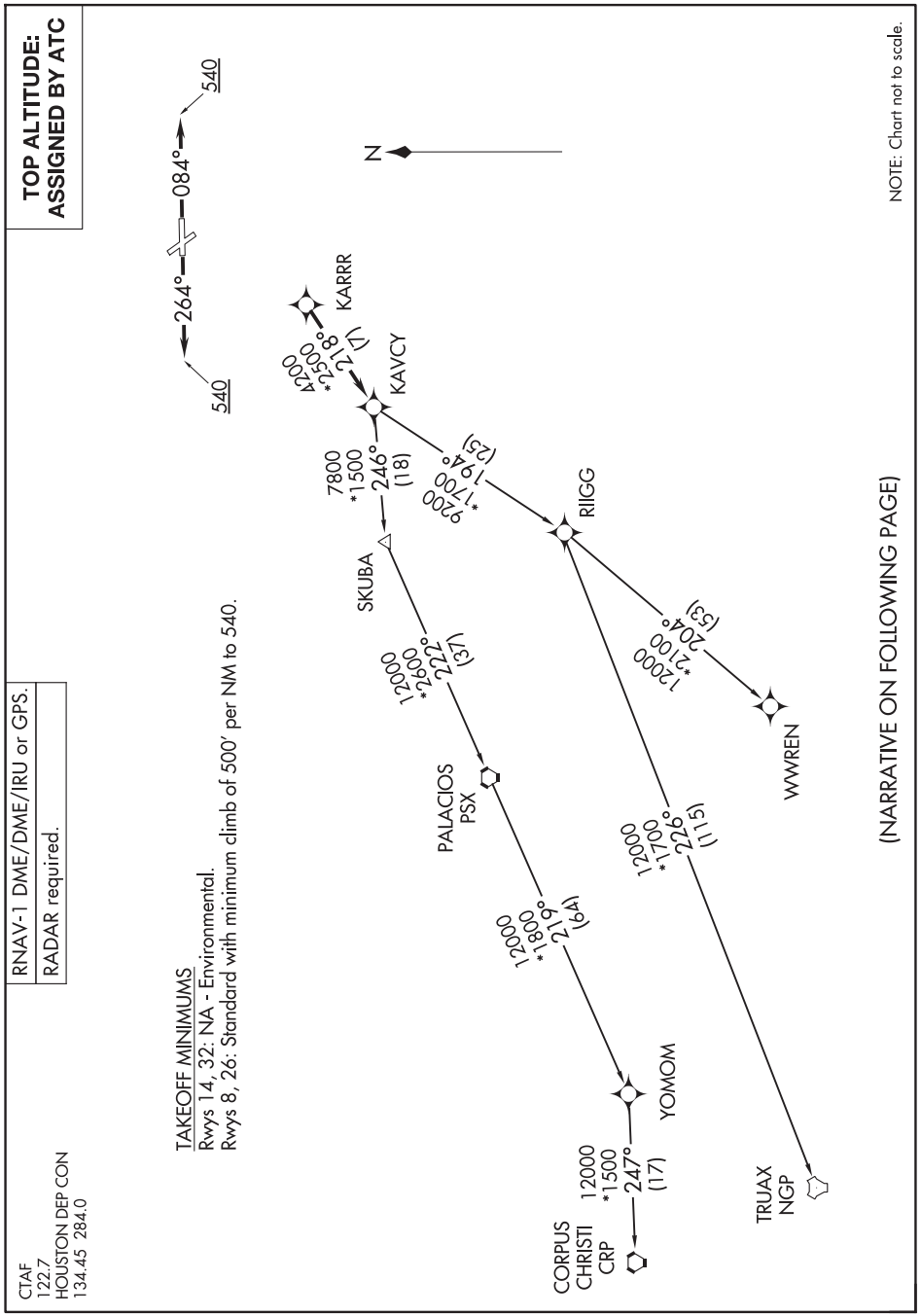
TAKEOFF RUNWAY 8: Climb on heading 084° to 540 for RADAR vectors to RENNK, thence . . . .

TAKEOFF RUNWAY 26: Climb on heading 264° to 540 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

KARRR SEVEN DEPARTURE (RNAV)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 084° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

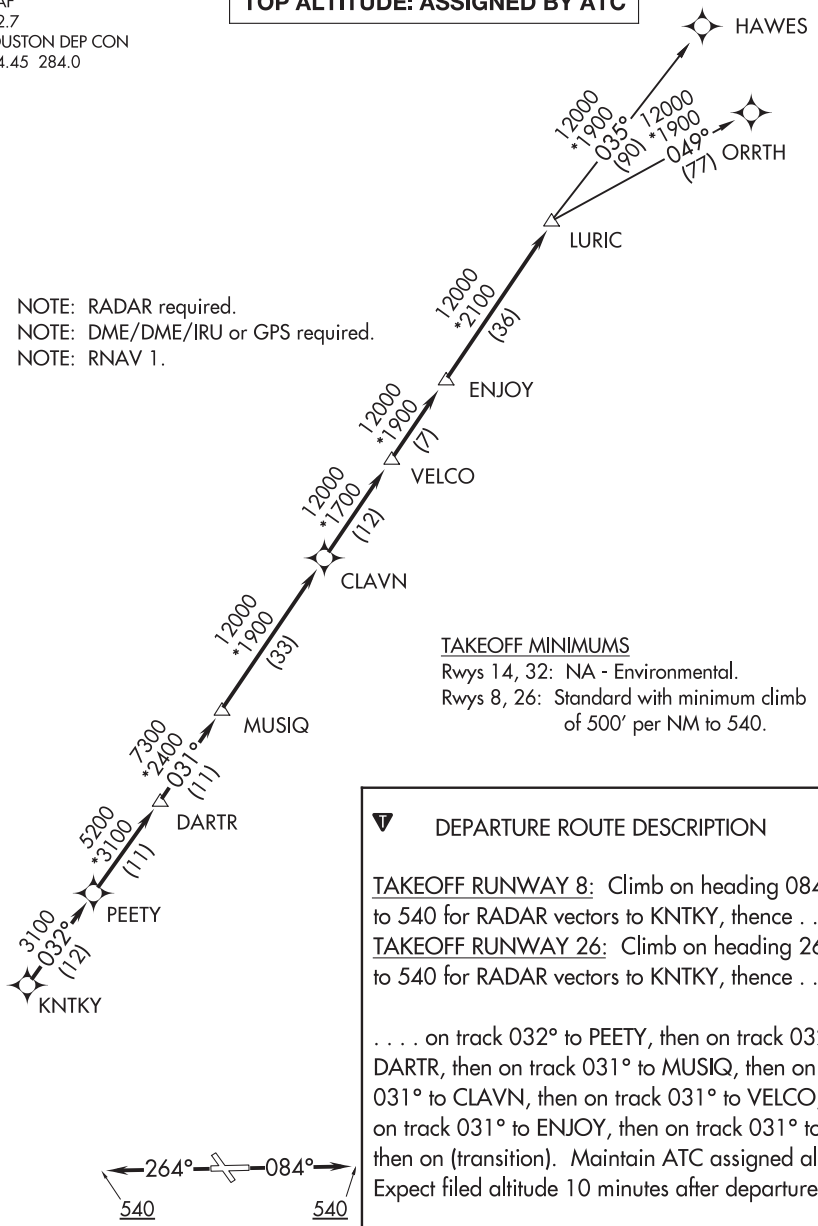
CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

LURIC EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.7
HOUSTON DEP CON
134.45 284.0



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

TAKEOFF MINIMUMS
Rwys 14, 32: NA - Environmental.
Rwys 8, 26: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 084° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

MMALT SEVEN DEPARTURE (RNAV)

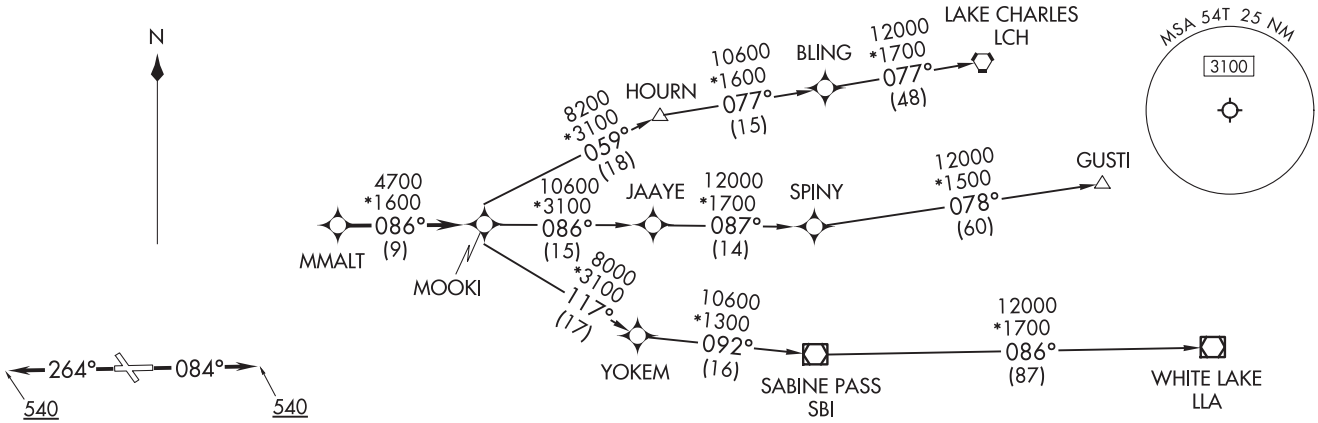
(MMALT7.MMALT) 30NOV23

RWJ AIRPARK (54T)
BAYTOWN, TEXAS

HOUSTON DEP CON
134.45 284.0
CTAF
122.7

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

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.

TAKEOFF MINIMUMS
Rwys 14, 32: NA-Environmental.
Rwys 8, 26: Standard with minimum climb of 500'/NM to 540.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

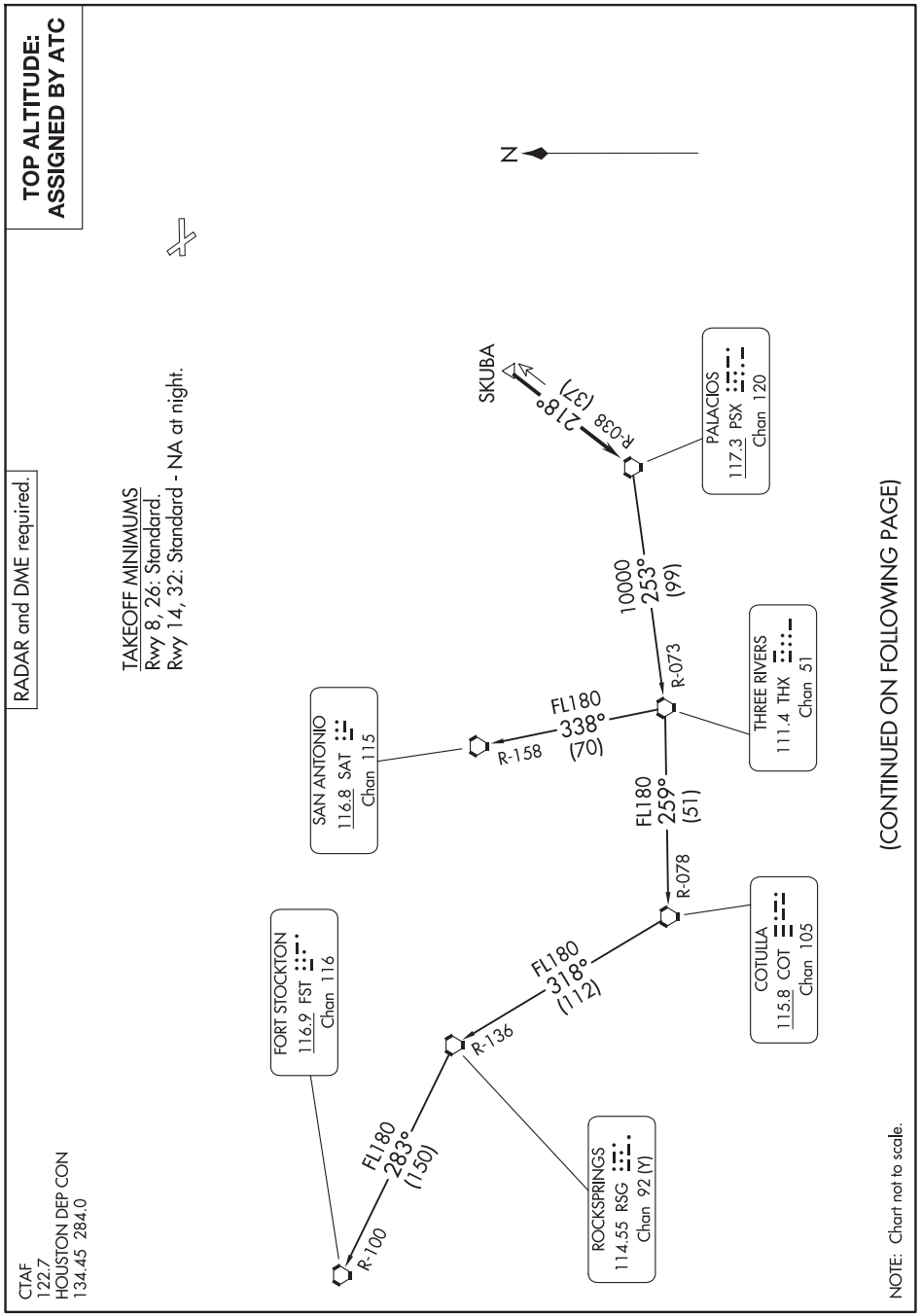
TAKEOFF RUNWAY 8: Climb on heading 084° to 540, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

(MMALT7.MMALT) 23334
MMALT SEVEN DEPARTURE (RNAV)
RWJ AIRPARK (54T)
BAYTOWN, TEXAS

PALACIOS THREE DEPARTURE



SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS THREE DEPARTURE

BAYTOWN, TEXAS
RWJ AIRPARK (54T)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

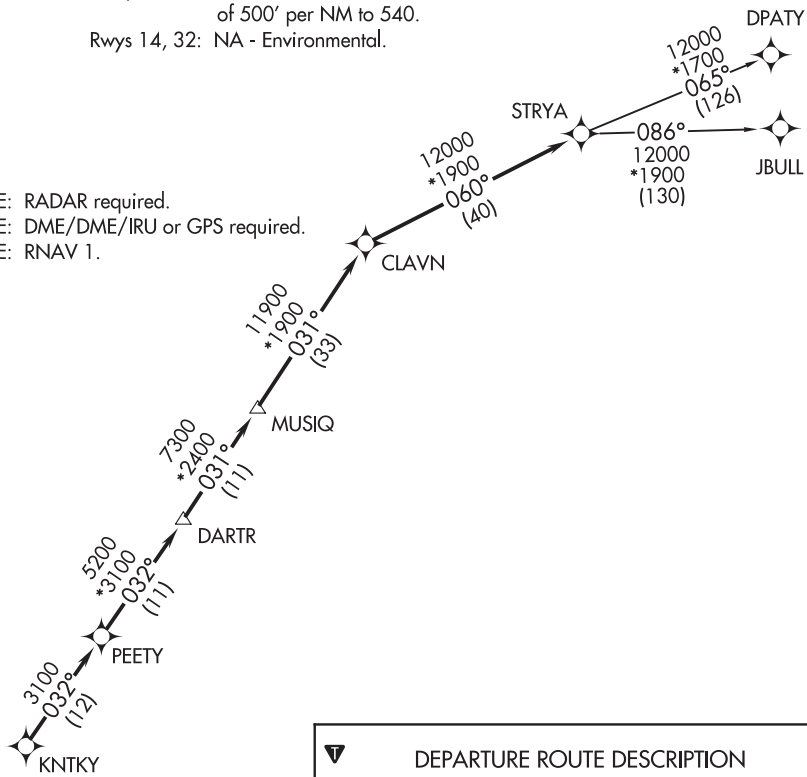
STRYA EIGHT DEPARTURE (RNAV)

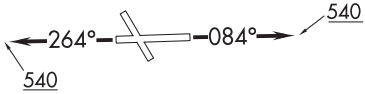
CTAF
122.7
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 8, 26: Standard with minimum climb of 500′ per NM to 540.
Rwys 14, 32: NA - Environmental.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 084° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(STYCK8.STYCK) 21280 AL-6674 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

RWJ AIRPARK (54T)
BAYTOWN, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.7
HOUSTON DEP CON
134.45 284.0

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

WTSON
DOLEY
12000
*2000
339°
(67)
12000
*2100
346°
(65)
STYCK
12000
*1900
332°
(39)
WLLIS
6400
*2000
331°
(17)
SPICR
3000
*2000
331°
(12)
BBYSE

TAKEOFF MINIMUMS
Rwys 14, 32: NA-Environmental.
Rwys 8, 26: Standard with minimum climb of 500′ per NM to 540.

264° 084°
540 540

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 084° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

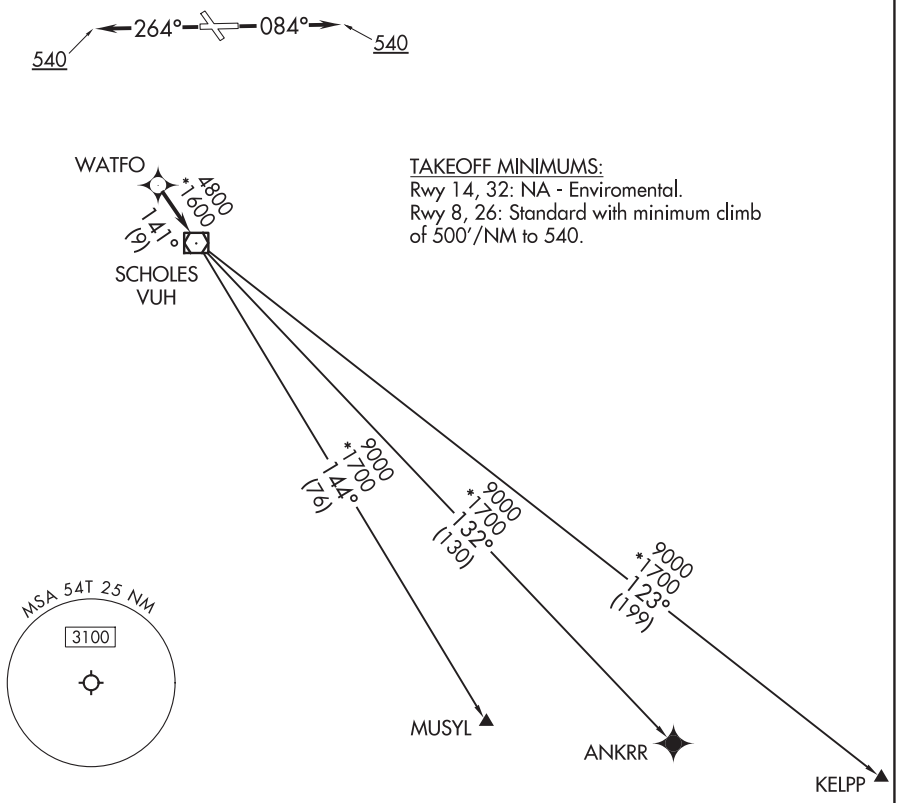
WATFO SIX DEPARTURE (RNAV)

RWJ AIRPARK (54T)
BAYTOWN, TEXAS

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

TOP ALTITUDE: ASSIGNED BY ATC

CTAF 122.7
HOUSTON DEP CON 134.45 284.0



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 084° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

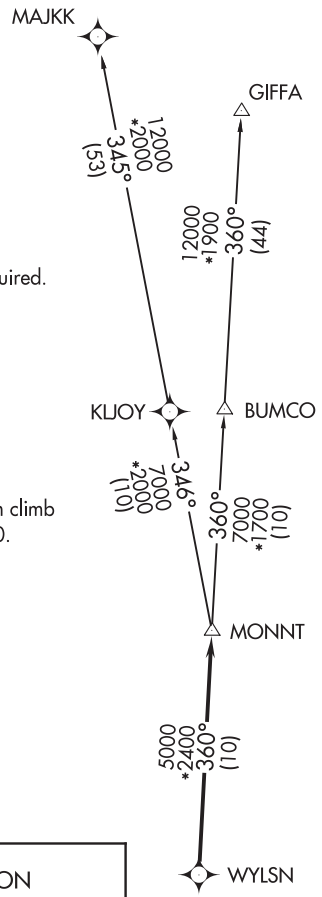
(WYLSN8.WYLSN) 21280 AL-6674 (FAA) RWJ AIRPARK (54T)

WYLSN EIGHT DEPARTURE (RNAV)

BAYTOWN, TEXAS

CTAF
122.7
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



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

TAKEOFF MINIMUMS
Rwy 8, 26: Standard with minimum climb of 500′ per NM to 540.
Rwy 14, 32: NA - Environmental.

264° 084°
540 540

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 084° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 26: Climb on heading 264° to 540 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 49141 W13A	APP CRS 128°	Rwy ldg 3668 TDZE 31 Apt Elev 32

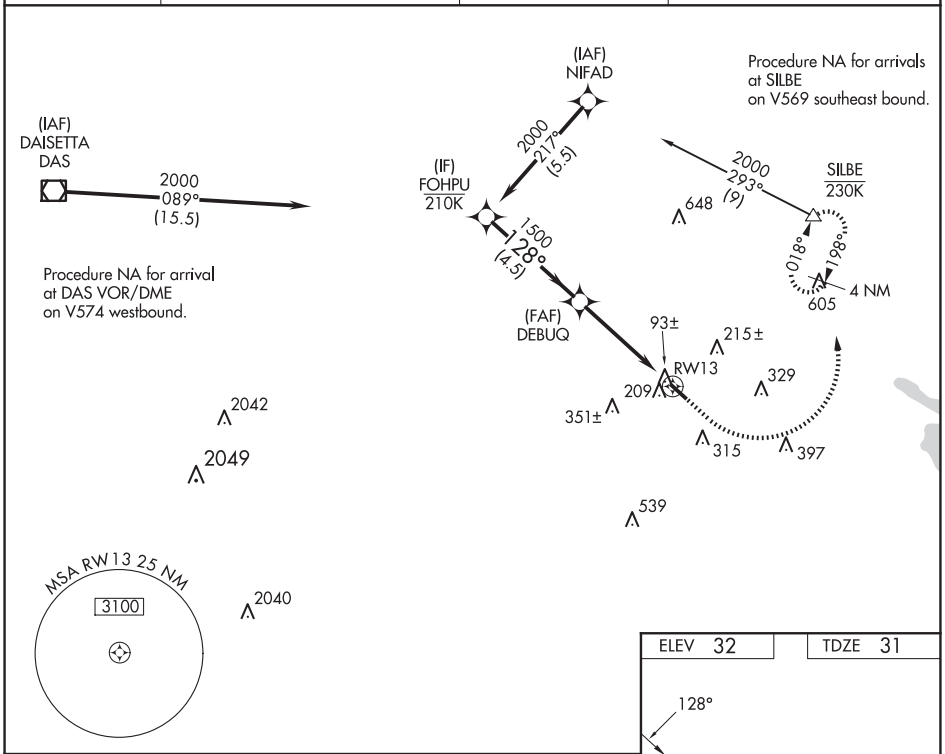
RNAV (GPS) RWY 13
BEAUMONT MUNI (BMT)

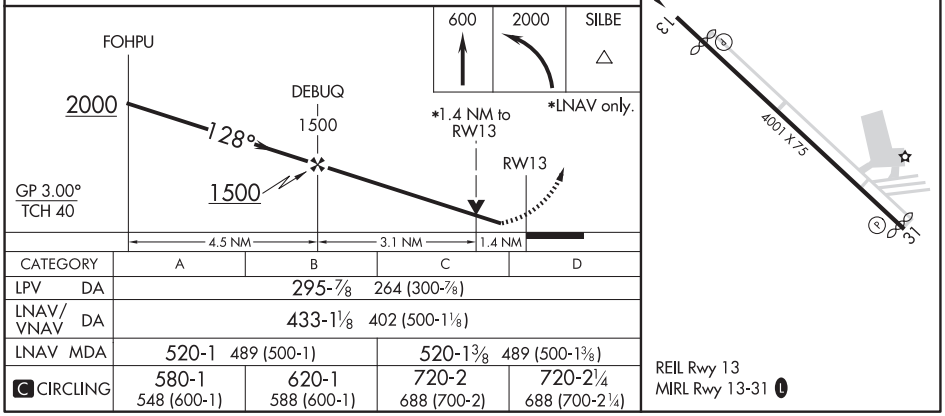
RNP APCH GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. Circling Rwy 31 NA at night. Rwy 13 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: (Do not exceed 230K until SILBE) Climb to 600 then climbing left turn to 2000 direct SILBE and hold.

AWOS-3PT	HOUSTON APP CON	CLNC DEL	UNICOM
118.425	121.3 377.1	121.75	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	295-⅞ 264 (300-⅞)			
LNAV/VNAV DA	433-1⅛ 402 (500-1⅛)			
LNAV MDA	520-1 489 (500-1)		520-1⅜ 489 (500-1⅜)	
C CIRCLING	580-1 548 (600-1)	620-1 588 (600-1)	720-2 688 (700-2)	720-2¼ 688 (700-2¼)

REIL Rwy 13
MIRL Rwy 13-31 L

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

BEAUMONT, TEXAS | AL-42 (FAA) | 24081

RNAV (GPS) RWY 31
BEAUMONT MUNI (BMT)

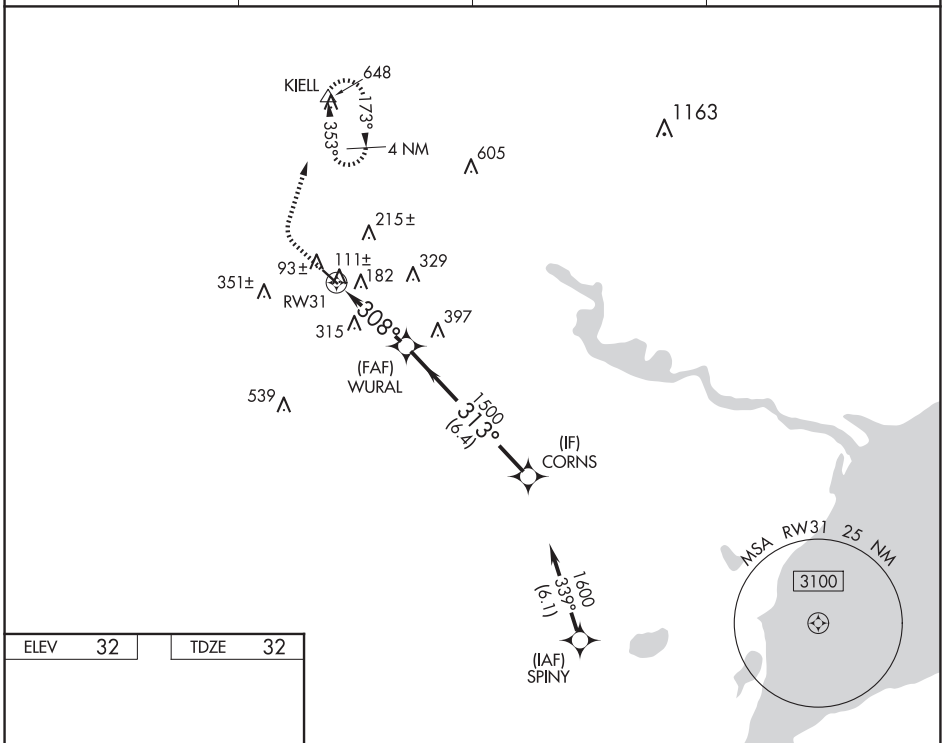
WAAS	APP CRS		
CH 58241	308°	Rwy ldg	3934
W31A		TDZE	32
		Apt Elev	32

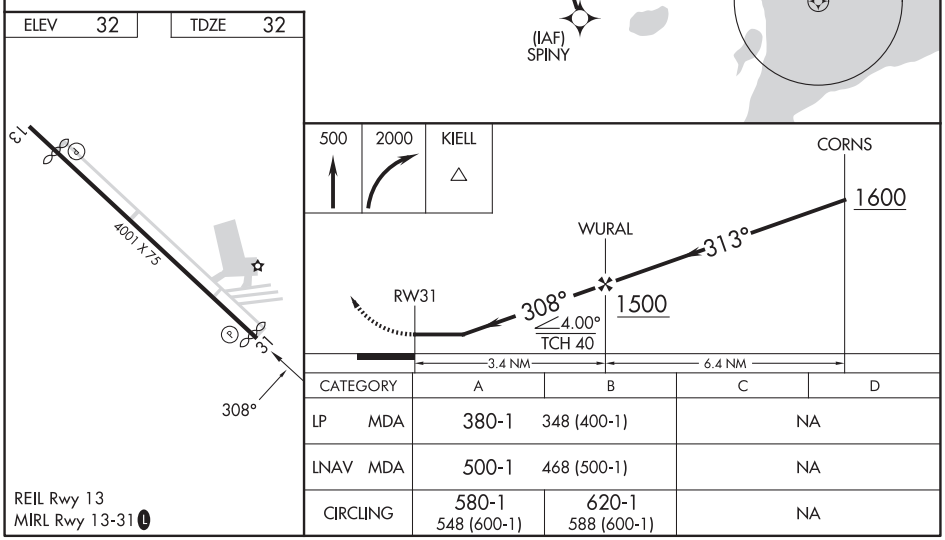
RNP APCH - GPS.

Rwy 31 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 31 NA at night, Circling Rwy 31 NA at night.

MISSED APPROACH: Climb to 500 then climbing right turn to 2000 direct KIELL and hold, continue to climb-in-hold to 2000.

AWOS-3PT	HOUSTON APP CON	CLNC DEL	UNICOM
118.425	121.3 377.1	121.75	123.0 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	380-1	348 (400-1)	NA	
LNAV MDA	500-1	468 (500-1)	NA	
CIRCLING	580-1 548 (600-1)	620-1 588 (600-1)	NA	

REIL Rwy 13
MIRL Rwy 13-31 L

SC-5, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 12
JACK BROOKS RGNL (BPT)

LOC/DME I-BPT	APP CRS	Rwy ldg	6508
110.15	120°	TDZE	15
Chan 38(Y)		Apt Elev	15

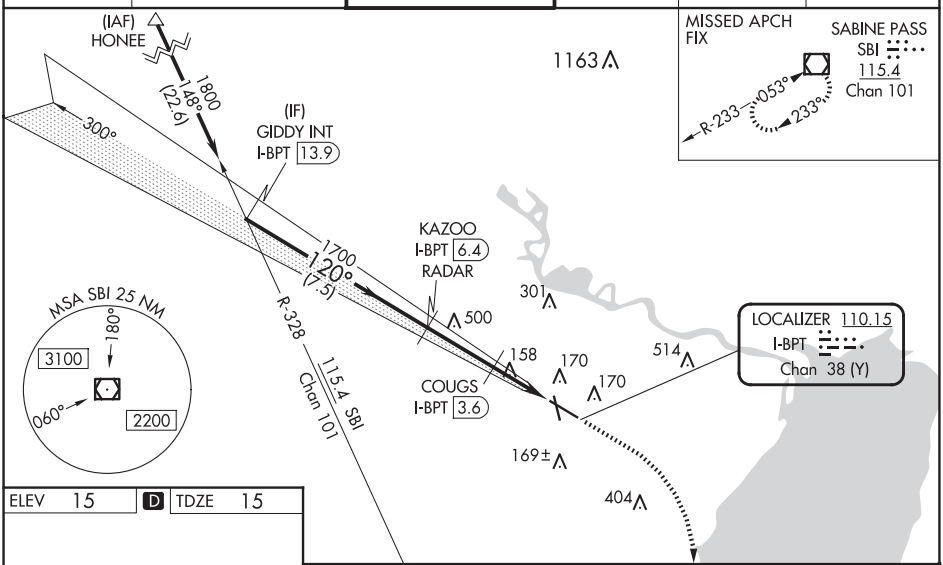
DME or RADAR required.

Helicopter visibility reduction below RVR 4000 NA. Inop table does not apply to S-ILS 12. When local altimeter setting not received use Orange County altimeter setting: increase S-ILS 12 DA to 297 feet; increase all MDAs 40 feet. COUGS fix minimums: increase S-LOC 12 visibility Cat C/D/E to RVR 5000. For inop ALS, increase S-LOC visibility Cat A to RVR 5500 and Cat C/D/E to 2½ SM. COUGS fix minimums: increase S-LOC visibility Cat A/B to RVR 5500 and Cat E to 1⅜ SM. For inop ALS when using Orange County altimeter setting, increase S-ILS 12 all Cats visibility to RVR 4500, S-LOC 12 visibility Cat A to RVR 5500 and Cat C/D/E to 2½ SM. COUGS fix minimums: increase S-LOC 12 visibility Cat A/B to RVR 5500 and Cat C/D/E to 1⅜ SM. VDP NA when using Orange County altimeter setting.
*RVR 1800 authorized with use of FD or AP or HUD to DA, NA when using Orange County altimeter setting.

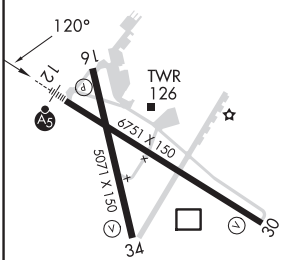
MALSR

MISSED APPROACH: Climb to 500 then climbing right turn to 3000 direct SBI VOR/DME and hold.

ATIS	HOUSTON APP CON	BEAUMONT TOWER*	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	124.85	118.3	122.95

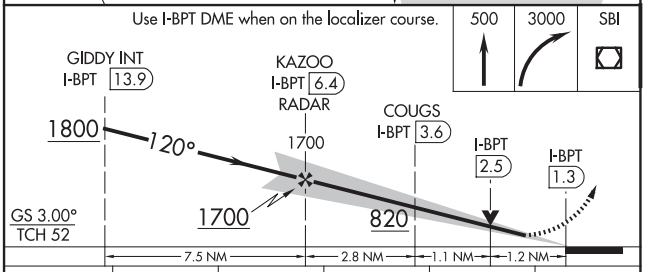


ELEV	15	D	TDZE	15



REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

Use I-BPT DME when on the localizer course.



CATEGORY	A	B	C	D	E
S-ILS 12*	265/40 250 (300-¾)				
S-LOC 12	820/40 805 (900-¾)		820-1⅞ 805 (900-1⅞)		
COUGS FIX MINIMUMS (DME REQUIRED)					
S-LOC 12	460/40 445 (500-¾)		460/45 445 (500-⅞)		

FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

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WAAS CH 99715 W12A	APP CRS 120°	Rwy ldg 6508 TDZE 15 Apt Elev 15

RNAV (GPS) RWY 12
JACK BROOKS RGNL (BPT)

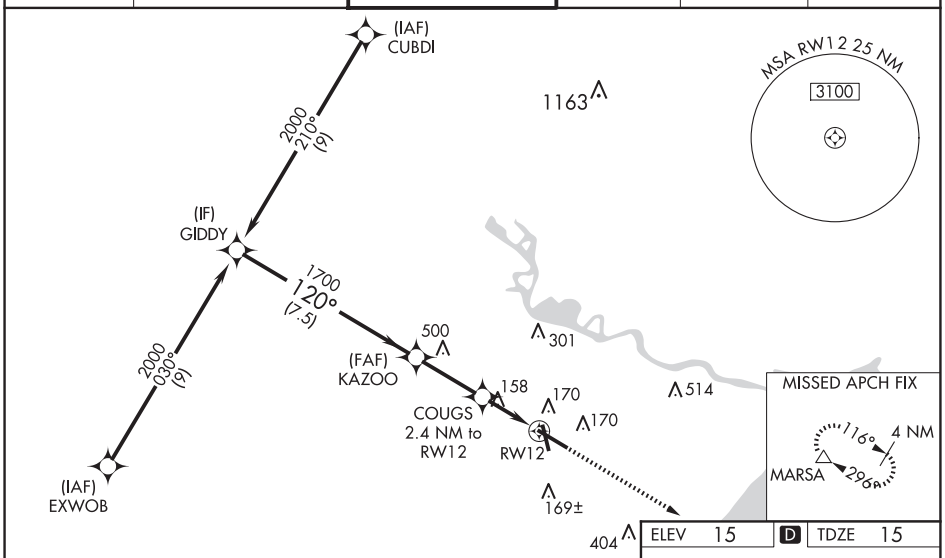
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C or above 54°C. Baro-VNAV and VDP NA when using Orange County altimeter setting. Rwy 12 helicopter visibility reduction below RVR 4000 NA. When local altimeter setting not received, use Orange altimeter setting: increase LPV DA to 297 feet; increase LNAV/VNAV DA to 464 feet and all visibilities to RVR 4500; increase all MDAs 40 feet and LNAV visibility Cat C/D/E to RVR 5000 and Circling visibility Cat E ¼ SM. Inop table does not apply to LPV. For inop ALS, increase LNAV/VNAV visibility all Cats to RVR 6000; LNAV Cats A/B to RVR 5500, Cat E to 1⅜ SM. For inop ALS when using Orange County altimeter setting, increase LPV all Cats visibility to RVR 4500, LNAV/VNAV visibility Cat E to 1⅜ SM; and increase LNAV visibility Cats A/B to RVR 5500, Cats C/D/E 1⅜ SM.

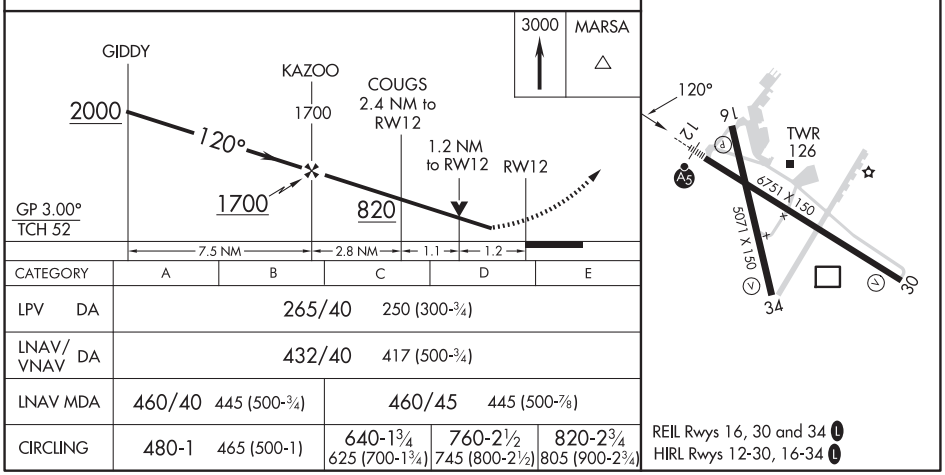
MALSR

MISSED APPROACH: Climb to 3000 direct MARSA and hold.

ATIS	HOUSTON APP CON	BEAUMONT TOWER★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF) L	124.85	118.3	122.95



ELEV 15 D TDZE 15



CATEGORY	A	B	C	D	E
LPV DA	265/40 250 (300-¾)				
LNAV/VNAV DA	432/40 417 (500-¾)				
LNAV MDA	460/40 445 (500-¾)		460/45 445 (500-⅞)		
CIRCLING	480-1 465 (500-1)		640-1¾ 625 (700-1¾)	760-2½ 745 (800-2½)	820-2¾ 805 (900-2¾)

REIL Rwys 16, 30 and 34 L
HIRL Rwys 12-30, 16-34 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 16

JACK BROOKS RGNL (BPT)

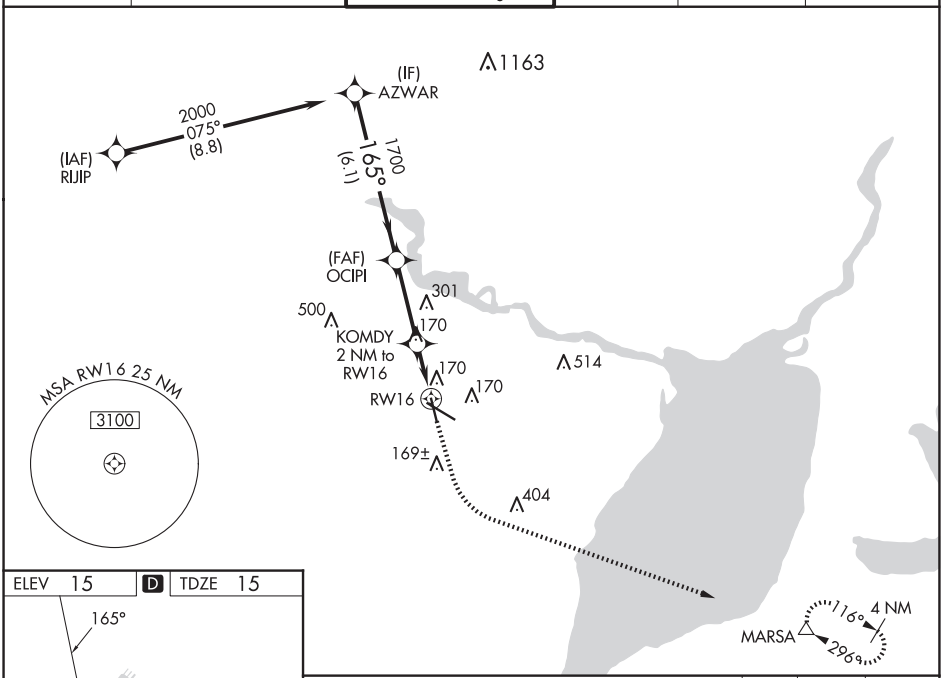
WAAS CH 82316 W16A	APP CRS 165°	Rwy ldg 5070 TDZE 15 Apt Elev 15

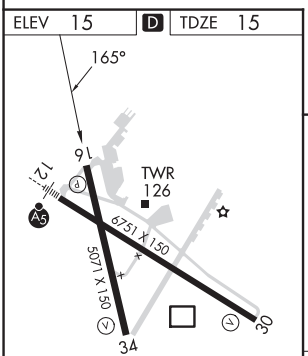
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C or above 54°C.
Baro-VNAV and VDP NA when using Orange County altimeter setting. Rwy 16 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Orange County altimeter setting: increase LPV DA to 307 feet and all visibilities ⅛ SM; increase LNAV/VNAV DA to 363 feet and all visibilities ⅛ SM; increase all MDAs 40 feet and LNAV visibility Cat C/D/E ¼ SM.

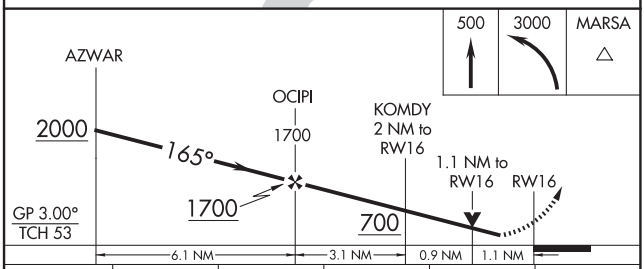
MISSED APPROACH: Climb to 500 then climbing left turn to 3000 direct MARSA and hold.

ATIS	HOUSTON APP CON	BEAUMONT TOWER★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF) L	124.85	118.3	122.95





REIL Rwys 16, 30 and 34 L
HIRL Rwys 12-30, 16-34 L



CATEGORY	A	B	C	D	E
LPV DA	275-¾ 260 (300-¾)				
LNAV/VNAV DA	331-⅞ 316 (400-⅞)				
LNAV MDA	420-1 405 (500-1)		420-1⅛ 405 (500-1⅛)		

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SC-5, 12 JUN 2025 to 07 AUG 2025

BEAUMONT/PORT ARTHUR, TEXAS AL-521 (FAA) 24081

RNAV (GPS) RWY 30
JACK BROOKS RGNL (BPT)

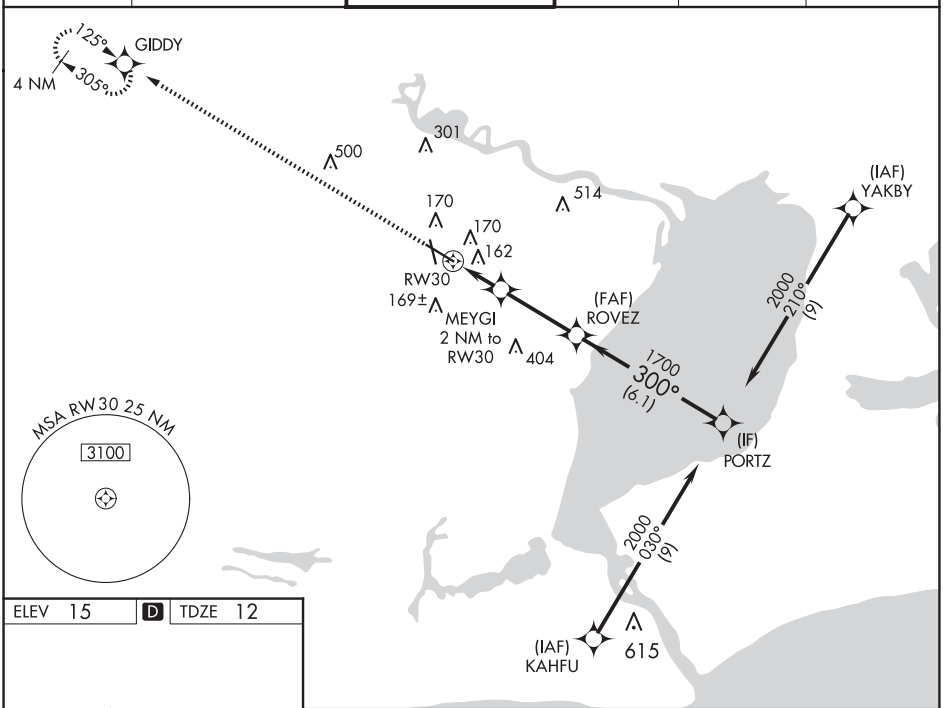
WAAS CH 69216 W30A	APP CRS 300°	Rwy ldg 6751 TDZE 12 Apt Elev 15

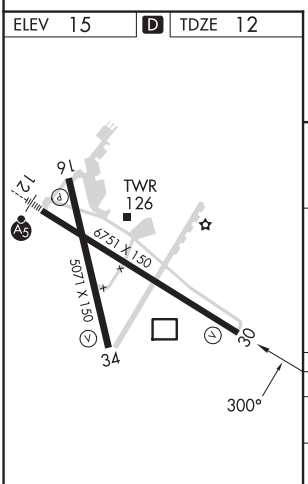
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C or above 54°C. Rwy 30 helicopter visibility reduction below ¾SM NA. Baro-VNAV and VDP NA when using Orange County altimeter setting. When local altimeter setting not received, use Orange County altimeter setting: increase LPV DA to 294 feet and all visibilities ⅛ SM. Increase LNAV/VNAV DA to 355 feet and all visibilities ⅛ SM. Increase all MDAs 40 feet and LNAV visibility Cat C/D/E ¼ SM.

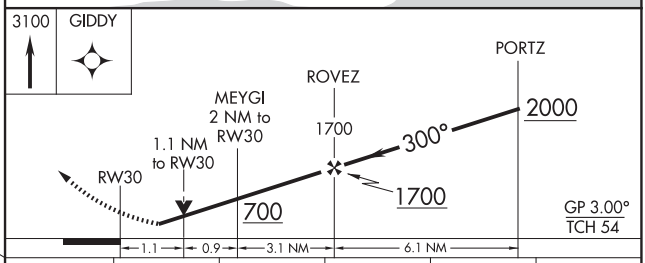
MISSED APPROACH: Climb to 3100 direct GIDDY and hold, continue climb-in-hold to 3100.

ATIS	HOUSTON APP CON	BEAUMONT TOWER*	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF) L	124.85	118.3	122.95





REIL Rwys 16, 30 and 34 L
HIRL Rwys 12-30, 16-34 L



CATEGORY	A	B	C	D	E
LPV DA	262-¾ 250 (300-¾)				
LNAV/VNAV DA	323-⅞ 311 (400-⅞)				
LNAV MDA	420-1 408 (500-1)		420-1⅛ 408 (500-1⅛)		

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SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 34
JACK BROOKS RGNL (BPT)

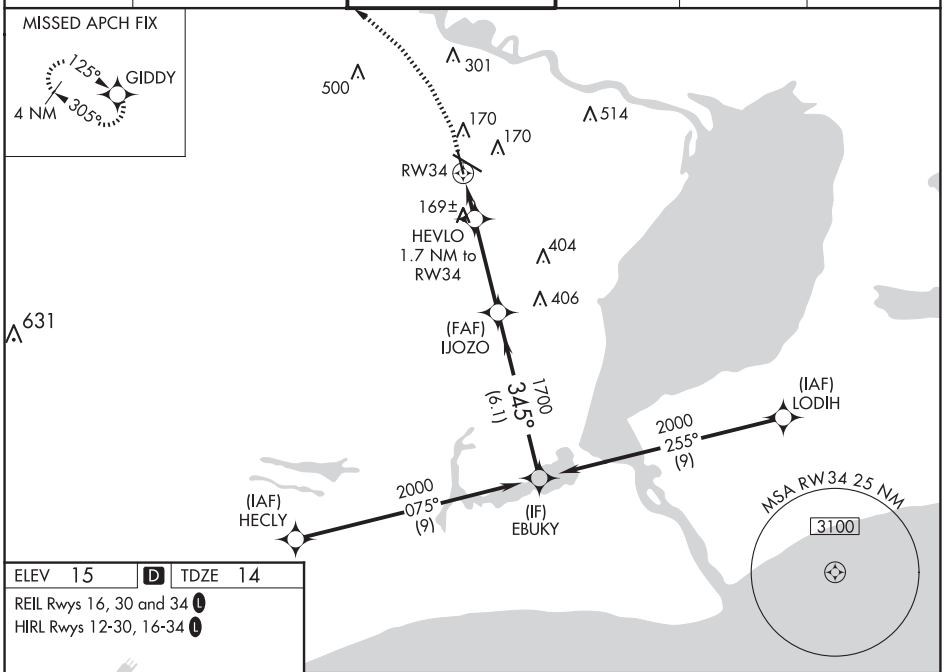
WAAS CH 72616 W34A	APP CRS 345°	Rwy ldg 5070 TDZE 14 Apt Elev 15

RNP APCH - GPS.

Baro-VNAV NA when using Orange County altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C or above 54°C. When local altimeter setting not received, use Orange County altimeter setting: increase LPV DA to 346 feet; increase LNAV/VNAV DA to 347 feet and all visibilities ⅛ SM; increase all MDAs 40 feet.

MISSED APPROACH: Climb to 500 then climbing left turn to 3100 direct GIDDY and hold, continue climb-in-hold to 3100.

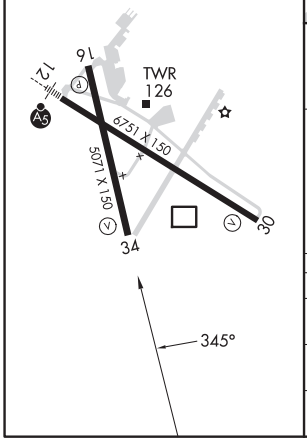
ATIS	HOUSTON APP CON	BEAUMONT TOWER★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF) L	124.85	118.3	122.95

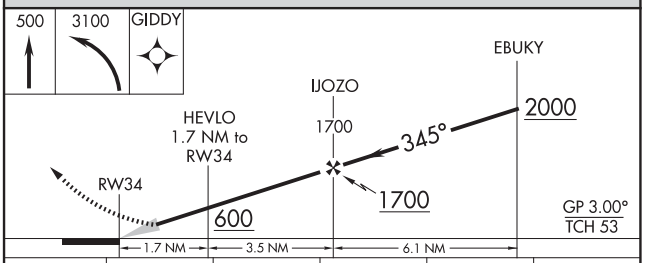


ELEV 15 | D | TDZE 14

REIL Rwys 16, 30 and 34 L

HIRL Rwys 12-30, 16-34 L





CATEGORY	A	B	C	D	E
LPV DA	214-¾ 200 (200-¾)				
LNAV/VNAV DA	315-⅞ 301 (300-⅞)				
LNAV MDA	480-1 466 (500-1)		480-1⅜ 466 (500-1⅜)		

SC-5, 12 JUN 2025 to 07 AUG 2025

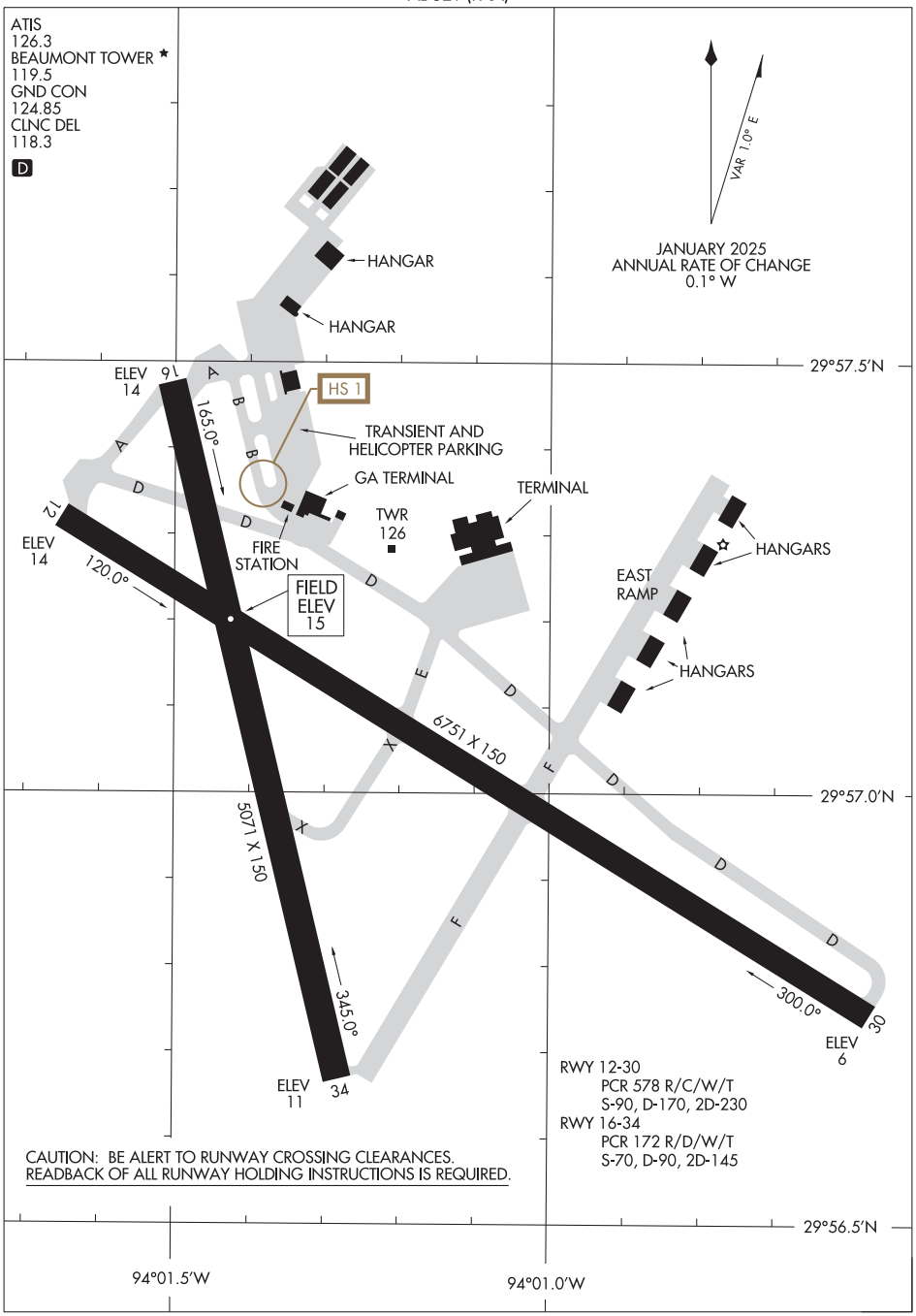
SC-5, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-521 (FAA)

JACK BROOKS RGNL (BPT)
BEAUMONT/PORT ARTHUR, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
BEAUMONT/PORT ARTHUR, TEXAS
JACK BROOKS RGNL (BPT)

WAAS CH 86316 W16A	APP CRS 165°	Rwy ldg 6003 TDZE 318 Apt Elev 318

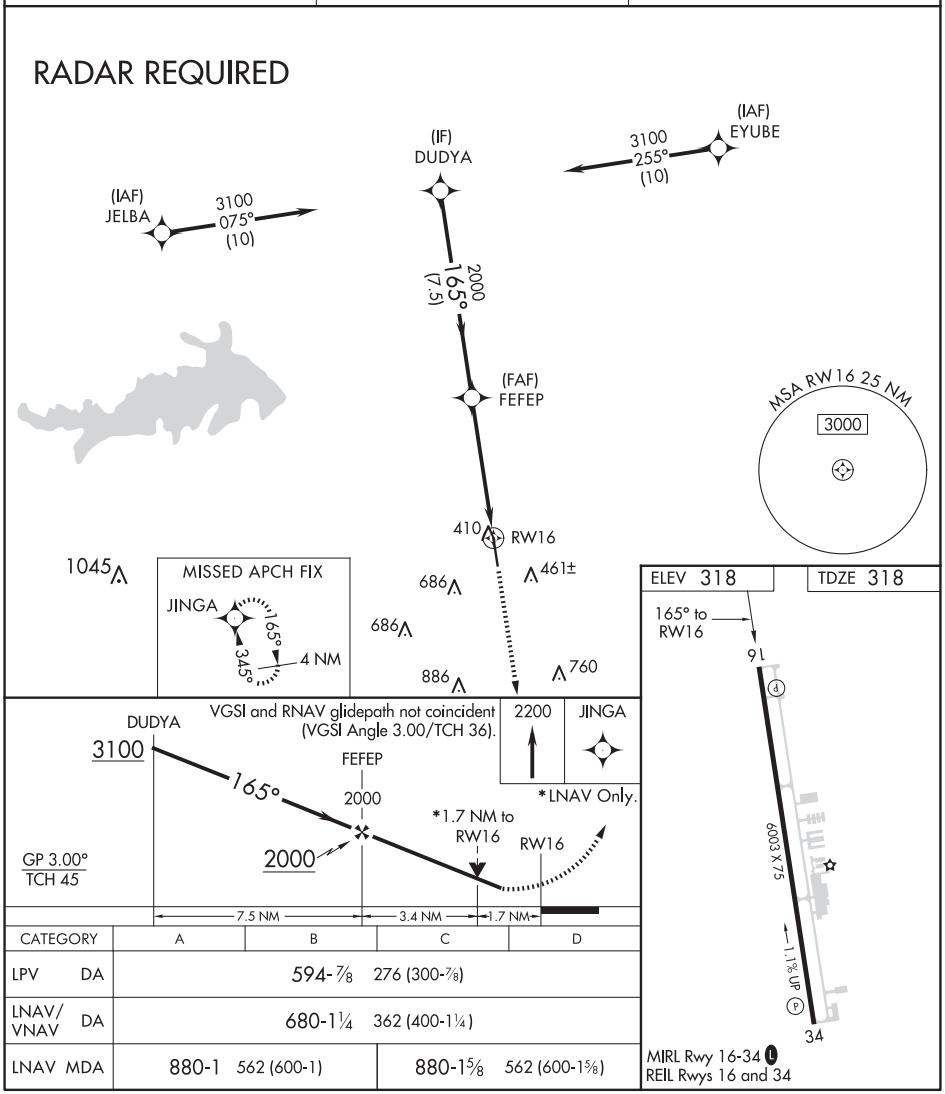
RNAV (GPS) RWY 16
BRENHAM MUNI (11R)

RNP APCH.

Rwy 16 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 37°C. When local altimeter setting not received, use College Station altimeter setting and increase all DA 52 feet, and all MDA 60 feet, increase LPV and LNAV/VNAV all Cats and LNAV Cats C/D visibility ¼ SM. VDP and Baro-VNAV NA with College Station altimeter setting.

MISSED APPROACH: Climb to 2200 direct JINGA and hold.

AWOS-3	HOUSTON APP CON	UNICOM
121.125	134.3 360.85	123.075 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	594-⅞ 276 (300-⅞)			
LNAV/VNAV DA	680-1¼ 362 (400-1¼)			
LNAV MDA	880-1 562 (600-1)		880-1⅝ 562 (600-1⅝)	

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

BRENHAM, TEXAS | AL-6271 (FAA) | 19311

WAAS CH 77616 W34A	APP CRS 345°	Rwy ldg 6003 TDZE 269 Apt Elev 318

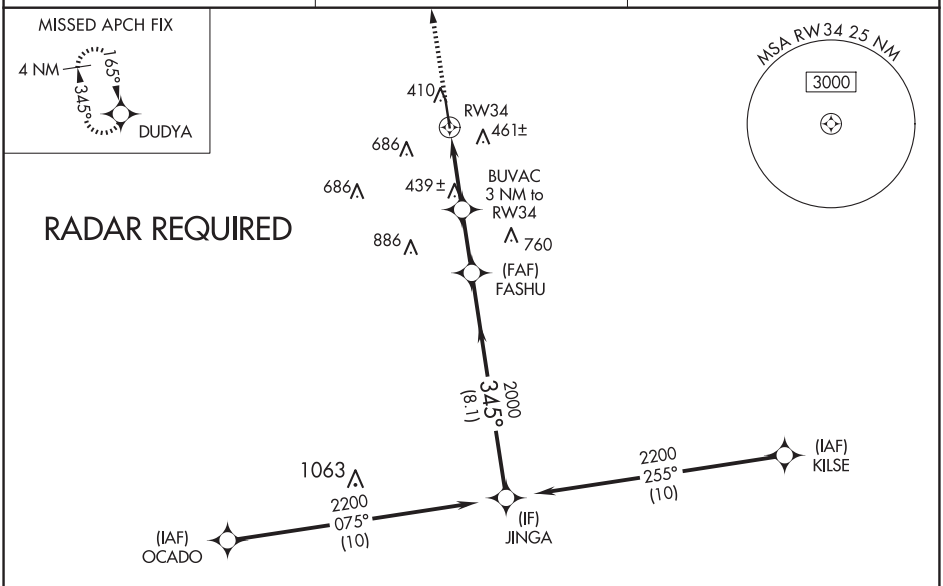
RNAV (GPS) RWY 34
BRENHAM MUNI (11R)

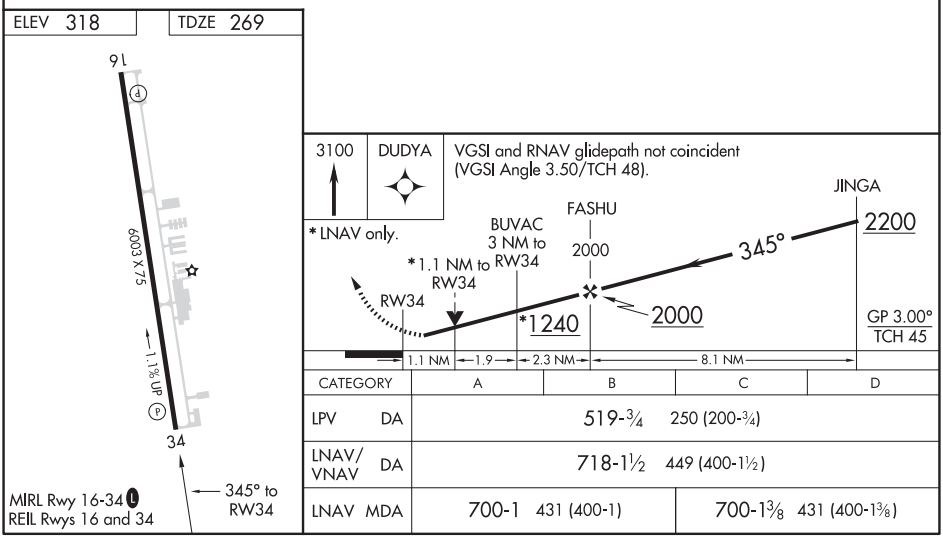
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 37°C. Rwy 34 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use College Station altimeter setting and increase all DA 52 feet, and all MDA 60 feet; increase LPV and LNAV/VNAV all Cats visibility ¼ SM. VDP and Baro-VNAV NA with College Station altimeter setting.

MISSED APPROACH: Climb to 3100 direct DUDYA and hold.

AWOS-3	HOUSTON APP CON	UNICOM
121.125	134.3 360.85	123.075 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	519-¾ 250 (200-¾)			
LNAV/VNAV DA	718-1½ 449 (400-1½)			
LNAV MDA	700-1 431 (400-1)		700-1⅜ 431 (400-1⅜)	

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 15
COULTER FLD (CFD)

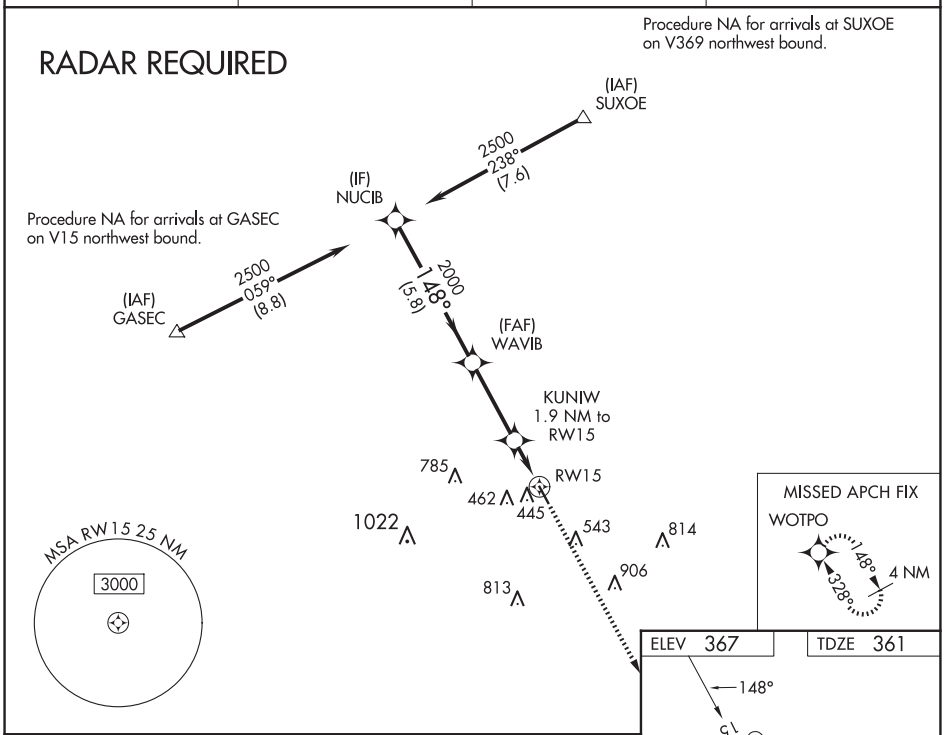
WAAS CH 69403 W15A	APP CRS 148°	Rwy ldg 4000 TDZE 361 Apt Elev 367

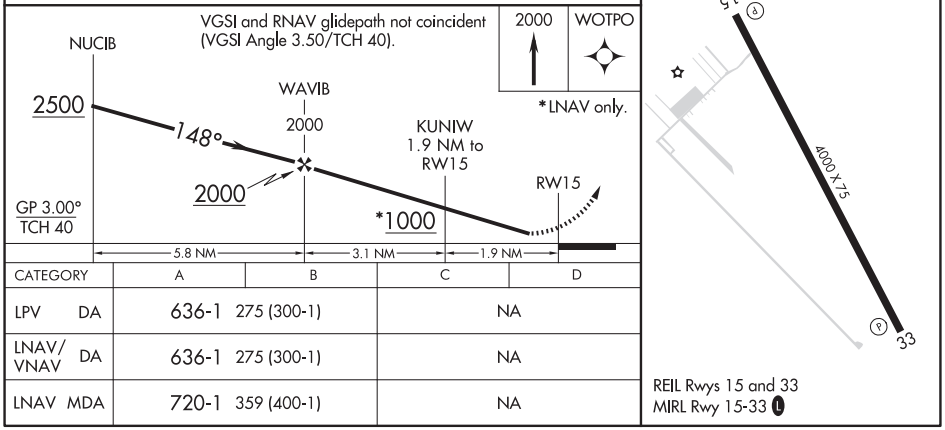
RNP APCH.

NA — Baro-VNAV NA. Rwy 15 helicopter visibility reduction below ¾ SM NA. Use College Station altimeter setting; when not received, use Caldwell altimeter setting and increase all DA 31 feet and all MDA 40 feet.

MISSED APPROACH: Climb to 2000 direct WOTPO and hold.

AWOS-3PT	CLL ASOS	HOUSTON APP CON	UNICOM
125.975	126.85	134.3 360.85	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	636-1 275 (300-1)		NA	
LNAV/VNAV DA	636-1 275 (300-1)		NA	
LNAV MDA	720-1 359 (400-1)		NA	

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

BRYAN, TEXAS | AL-6276 (FAA) | 25107

RNAV (GPS) RWY 33
COULTER FLD (CFD)

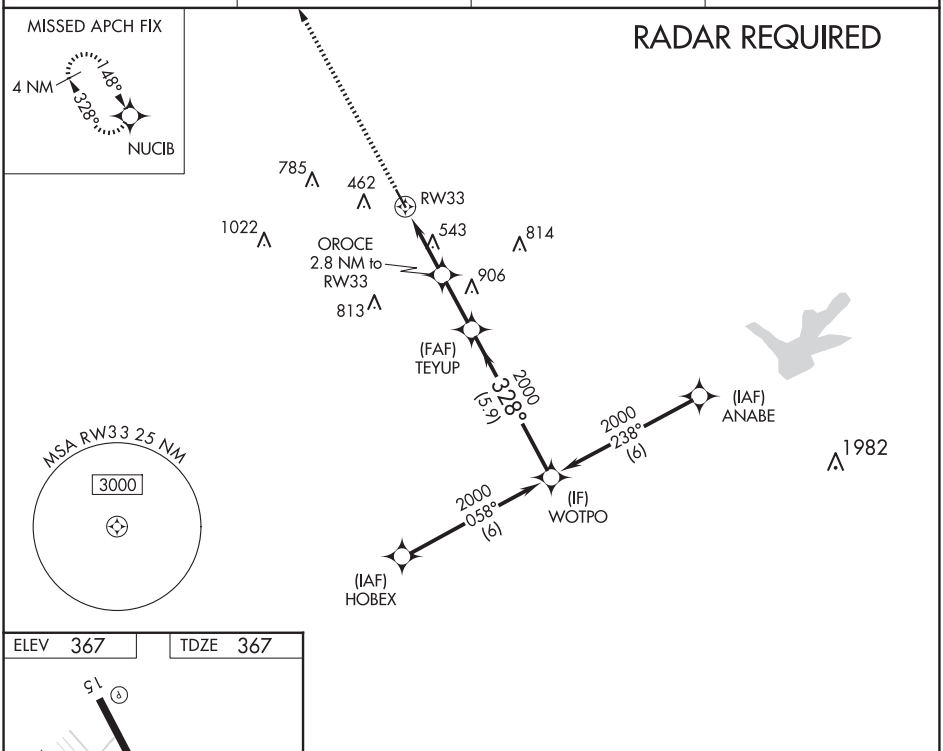
WAAS CH 70603 W33A	APP CRS 328°	Rwy ldg 4000 TDZE 367 Apt Elev 367

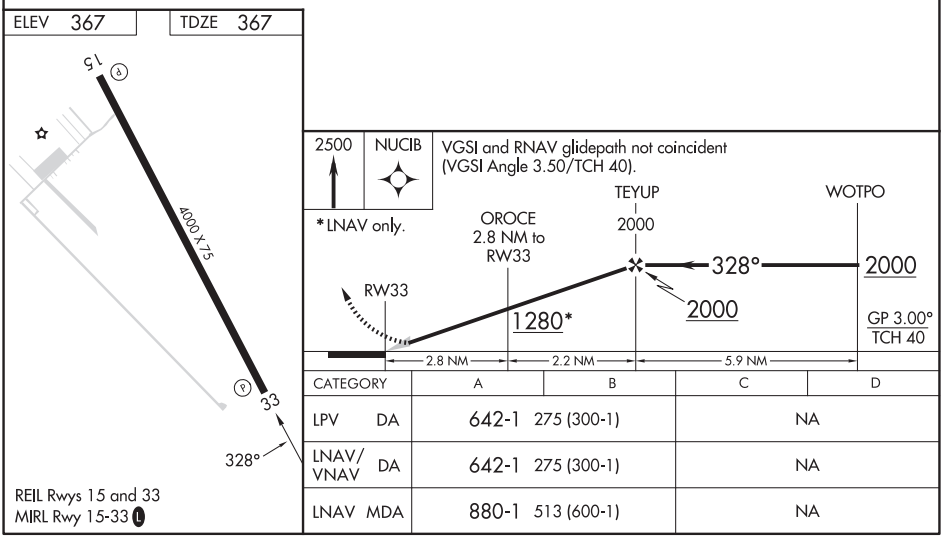
RNP APCH.

NA — Baro-VNAV NA. Use College Station altimeter setting; when not received, use Caldwell altimeter setting and increase all DA 31 feet and all MDA 40 feet.

MISSED APPROACH: Climb to 2500 direct NUCIB and hold.

AWOS-3PT	CLL ASOS	HOUSTON APP CON	UNICOM
125.975	126.85	134.3 360.85	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	642-1 275 (300-1)		NA	
LNAV/VNAV DA	642-1 275 (300-1)		NA	
LNAV MDA	880-1 513 (600-1)		NA	

BRYAN, TEXAS | COULTER FLD (CFD)

Amdt 1B 07NOV19 | 30°43'N-96°20'W | RNAV (GPS) RWY 33

SC-5, 12 JUN 2025 to 07 AUG 2025

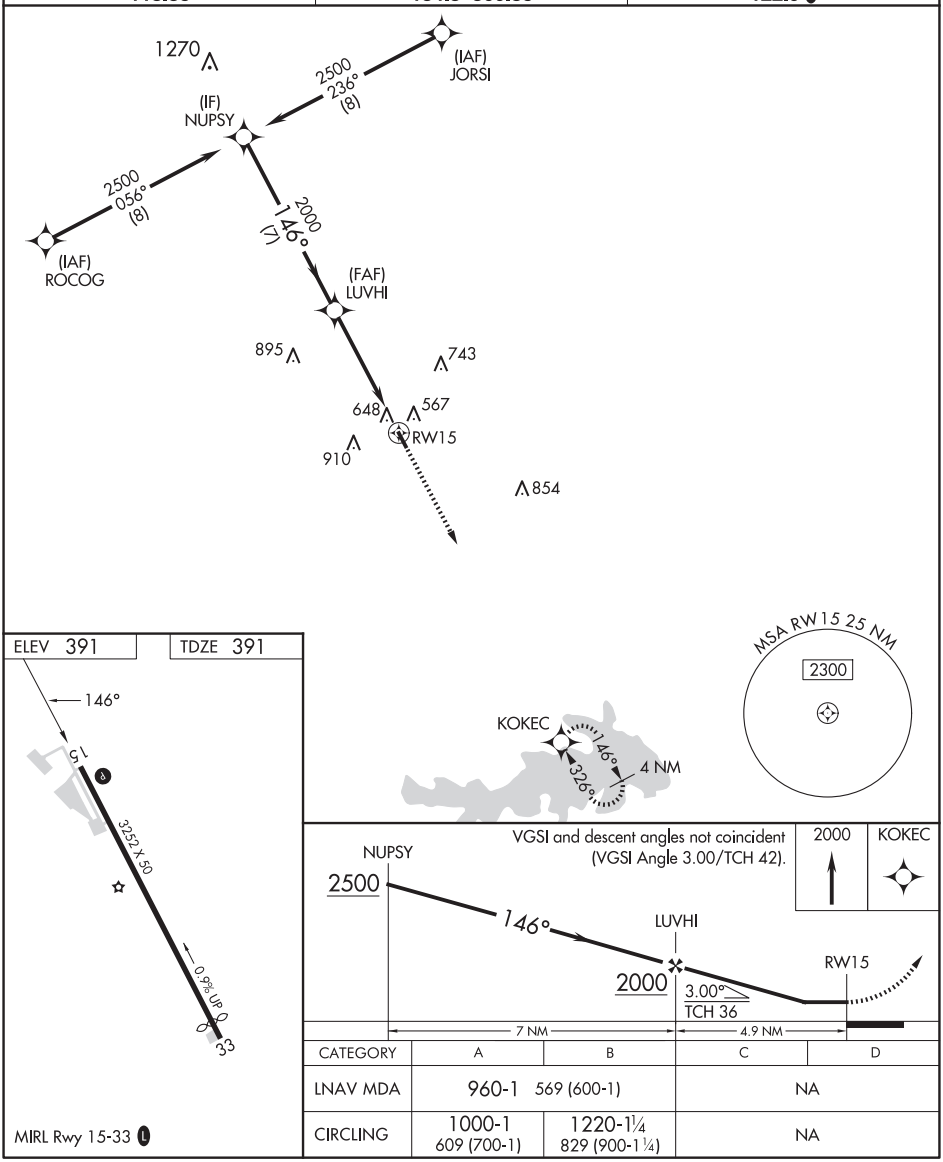
RNAV (GPS) RWY 15
CALDWELL MUNI (RWV)

APP CRS	Rwy ldg	3252
146°	TDZE	391
	Apt Elev	391

RNP APCH - GPS.
RADAR required.
When local altimeter setting not received, use College Station altimeter setting and increase all MDA 60 feet. Circling NA east of Rwy 15-33. Procedure NA at night. Rwy 15 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2000 direct KOKEC and hold.

AWOS-3PT	HOUSTON APP CON	CTAF
118.35	134.3 360.85	122.9 L



CATEGORY	A	B	C	D
LNAV MDA	960-1 569 (600-1)		NA	
CIRCLING	1000-1 609 (700-1)	1220-1¼ 829 (900-1¼)	NA	

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

CALDWELL, TEXAS | AL-6743 (FAA) | 23278

RNAV (GPS) RWY 33

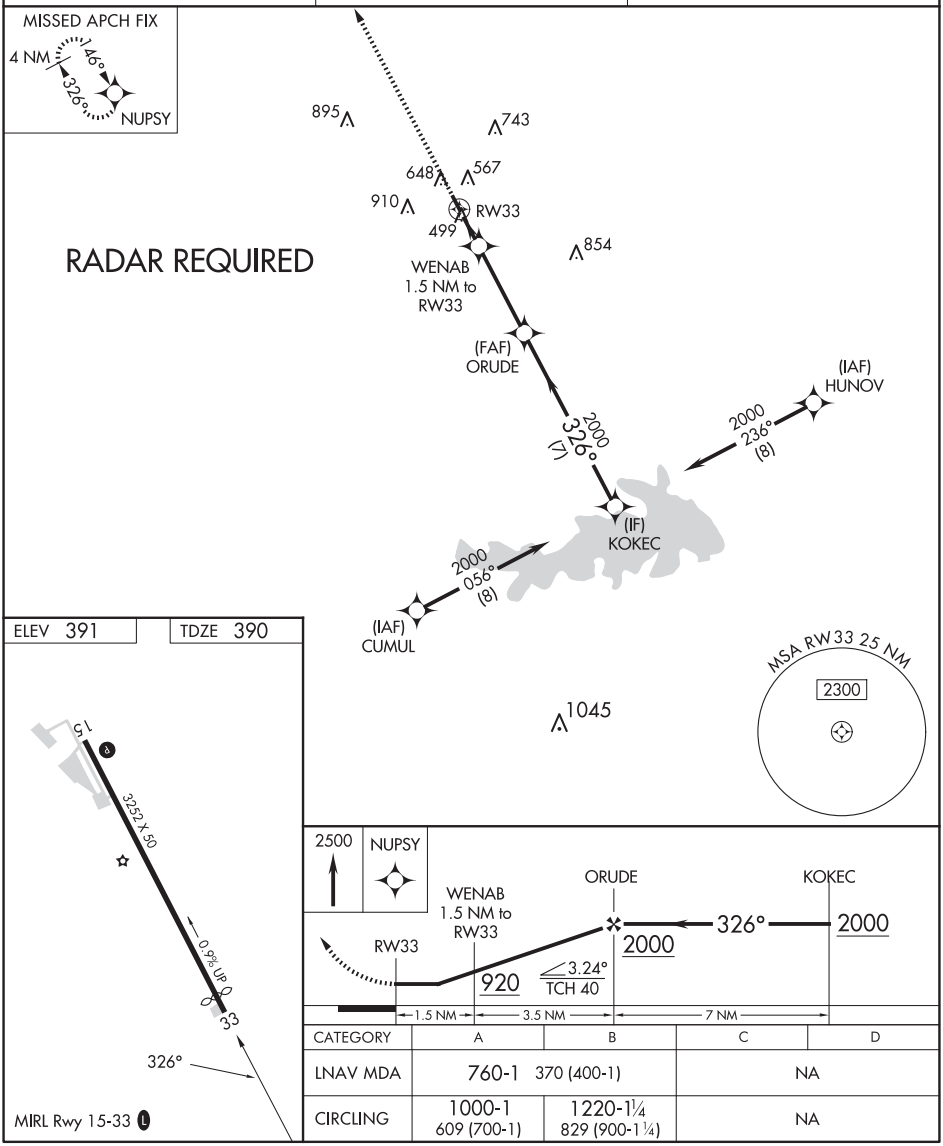
CALDWELL MUNI (RWV)

APP CRS	Rwy ldg	3010
326°	TDZE	390
	Apt Elev	391

When local altimeter setting not received, use College Station altimeter setting and increase all MDA 60 feet. Circling NA east of Rwy 15-33. DME/DME RNP-0.3 NA. Procedure NA at night. Rwy 33 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2500 direct NUPSY and hold.

AWOS-3PT	HOUSTON APP CON	CTAF
118.35	134.3 360.85	122.9 L



CATEGORY	A	B	C	D
LNAV MDA	760-1 370 (400-1)		NA	
CIRCLING	1000-1 609 (700-1)	1220-1¼ 829 (900-1¼)	NA	

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

CALDWELL, TEXAS
Orig-C 30DEC21

30°31′N-96°42′W

CALDWELL MUNI (RWV)
RNAV (GPS) RWY 33

VORTAC CLL 113.3 Chan 80	APP CRS 243°	Rwy ldg N/A TDZE N/A Apt Elev 391

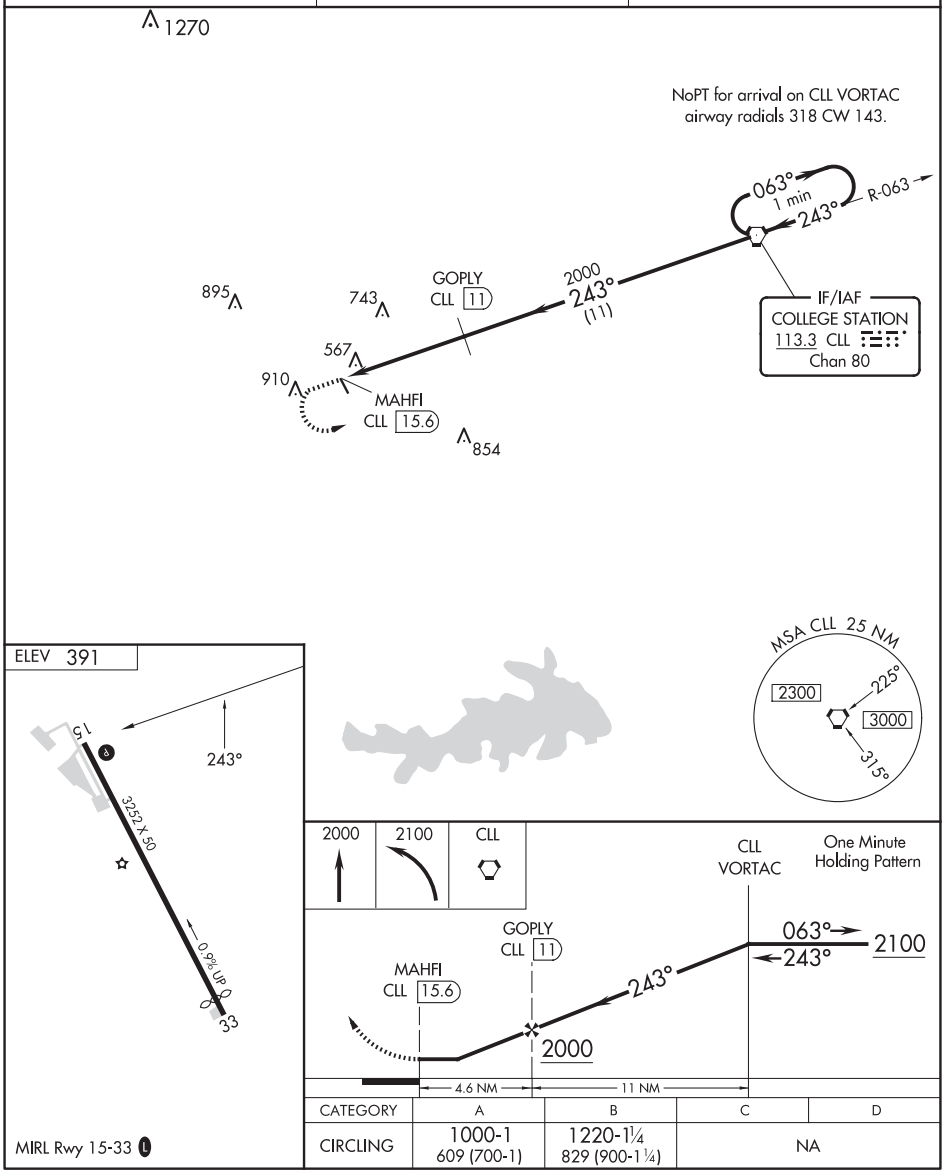
VOR/DME-A

CALDWELL MUNI (RWV)

When local altimeter setting not received, use College Station altimeter setting and increase MDA 60 feet. Circling NA east of Rwy 15-33. Procedure NA at night.

MISSED APPROACH: Climb to 2000 then climbing left turn to 2100 direct CLL VORTAC and hold.

AWOS-3PT	HOUSTON APP CON	CTAF
118.35	134.3 360.85	122.9 L



CATEGORY	A	B	C	D
CIRCLING	1000-1 609 (700-1)	1220-1¼ 829 (900-1¼)	NA	

MIRL Rwy 15-33 L

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

CENTER, TEXAS

AL-6632 (FAA)

21224

RNAV (GPS) RWY 17
CENTER MUNI (F17)

APP CRS	Rwy ldg	5501
167°	TDZE	319
	Apt Elev	319

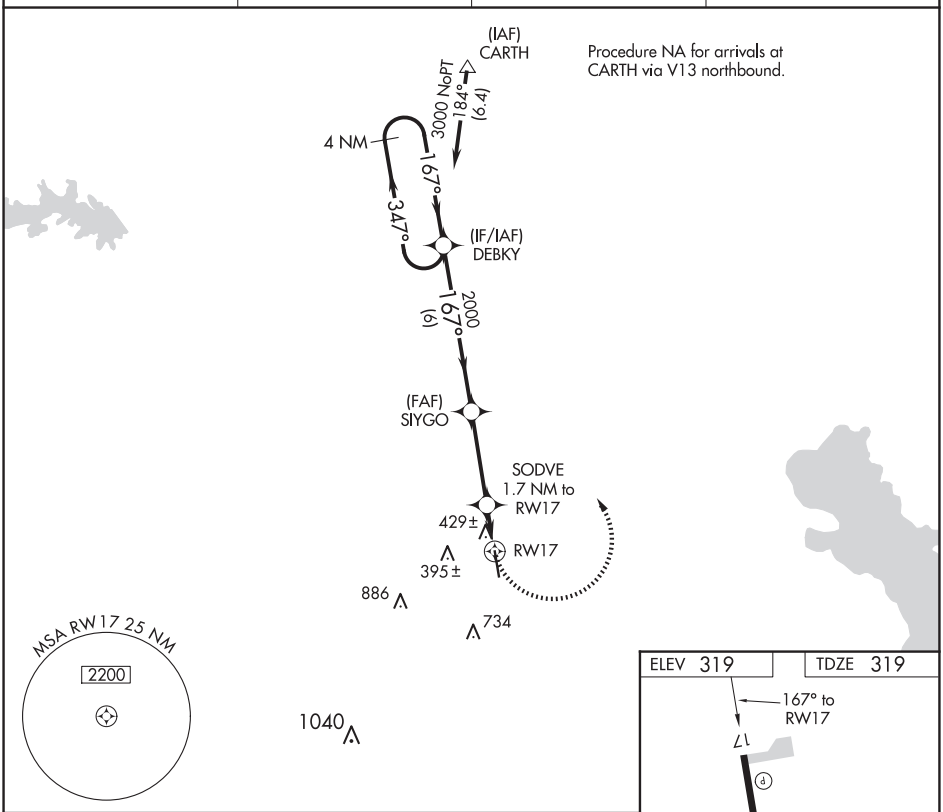
RNP APCH.

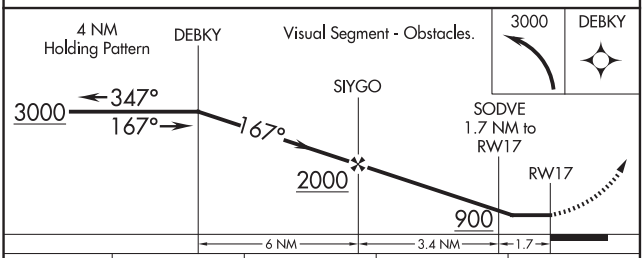
Rwy 17 helicopter visibility reduction below 1 SM NA.

NA Straight-In Rwy 17 NA at night, Circling Rwy 17 NA at night.

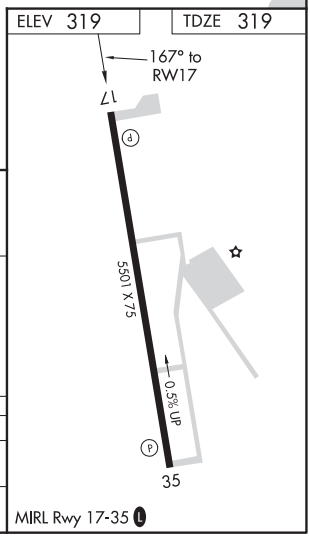
MISSED APPROACH: Climbing left turn to 3000 direct DEBKY and hold, continue climb-in-hold to 3000.

AWOS-3PT	OCH AWOS-3	FORTH WORTH CENTER	UNICOM
128.775	135.625	126.325 346.25	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	800-1 481 (500-1)		800-1¼ 481 (500-1¼)	NA
CIRCLING	860-1 541 (600-1)		1160-2½ 841 (900-2½)	NA



CENTER, TEXAS
Orig-E 12AUG21

31°50′N-94°09W

CENTER MUNI (F17)
RNAV (GPS) RWY 17

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy ldg	5501
347°	TDZE	308
	Apt Elev	319

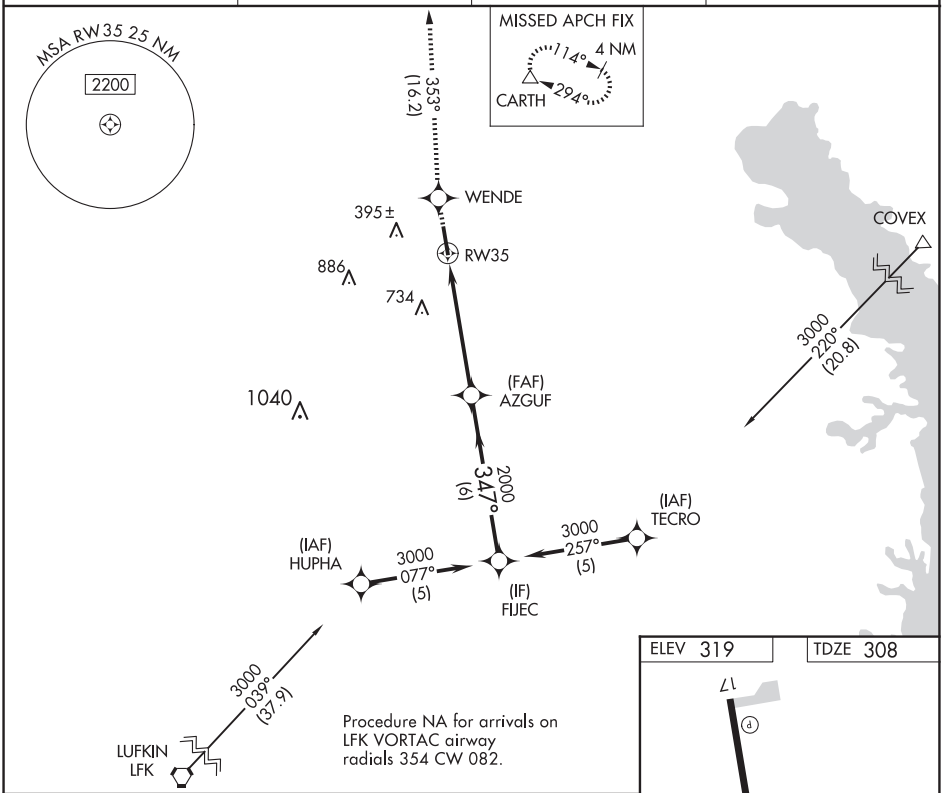
RNAV (GPS) RWY 35
CENTER MUNI (F17)

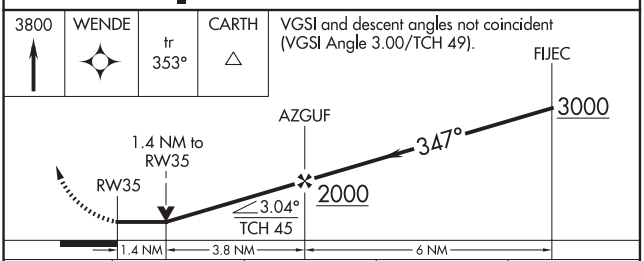
RNP APCH.

Rwy 35 helicopter visibility reduction below ¾ SM NA. Circling Rwy 35 NA at night.

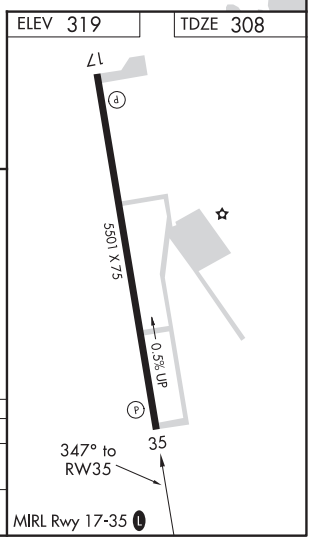
MISSED APPROACH: Climb to 3800 direct WENDE and on track 353° to CARTH and hold.

AWOS-3PT	OCH AWOS-3	FORTH WORTH CENTER	UNICOM
128.775	135.625	126.325 346.25	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	960-1 652 (700-1)		960-1¾ 652 (700-1¾)	NA
CIRCLING	960-1 641 (700-1)		1160-2½ 841 (900-2½)	NA



SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

CENTER, TEXAS

AL-6632 (FAA)

21224

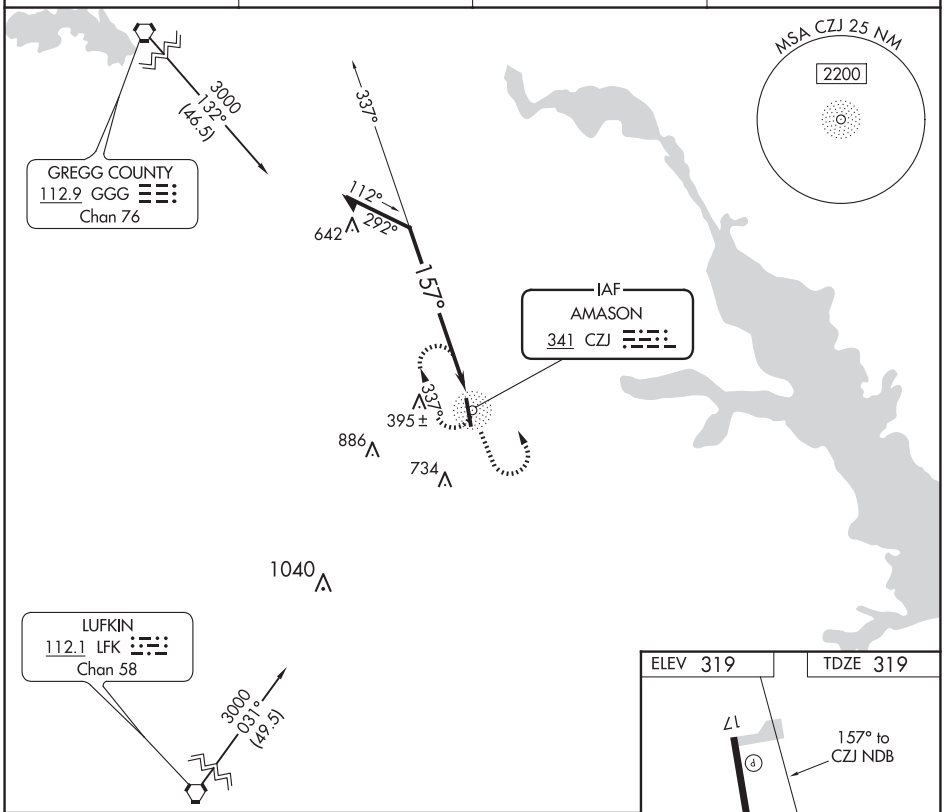
NDB RWY 17
CENTER MUNI (F17)

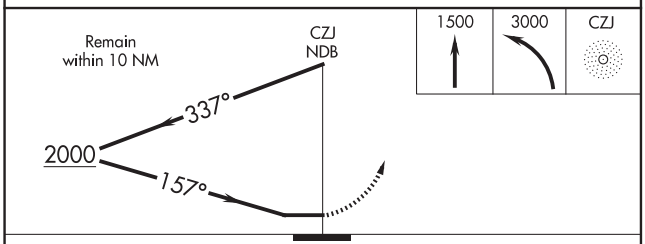
NDB CZJ	APP CRS	Rwy ldg / TDZE / Apt Elev
341	157°	5501 / 319 / 319

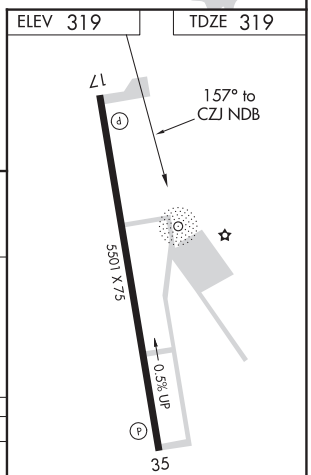
NA Rwy 17 helicopter visibility reduction below 1 SM NA. Straight-In Rwy 17 NA at night, Circling Rwy 17 NA at night.

MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 direct CZJ NDB and hold.

AWOS-3PT	OCH AWOS-3	FORTH WORTH CENTER	UNICOM
128.775	135.625	126.325 346.25	122.8 (CTAF) L







MIRL Rwy 17-35 L

CATEGORY	A	B	C	D
S-17	1200-1¼	881 (900-1¼)	1200-2¾ 881 (900-2¾)	NA
CIRCLING	1200-1¼	881 (900-1¼)	1200-2¾ 881 (900-2¾)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 16
CLEVELAND MUNI (6R3)

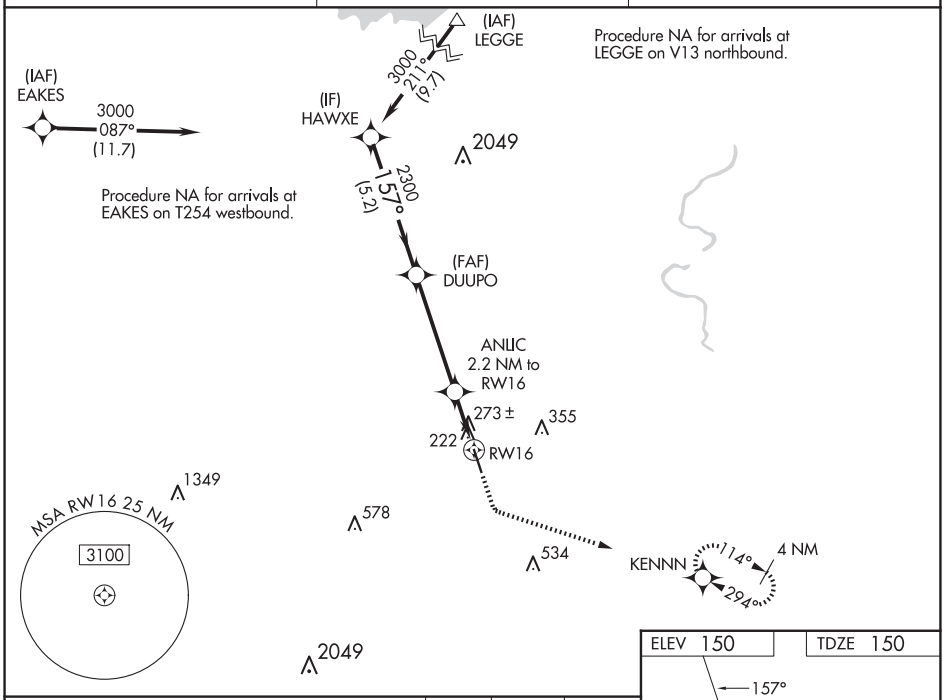
WAAS CH 65724 W16A	APP CRS 157°	Rwy ldg 5001 TDZE 150 Apt Elev 150

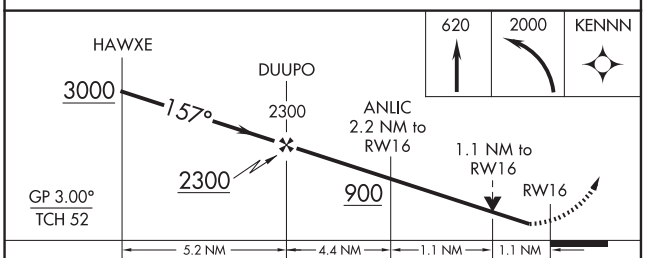
RNP APCH-GPS.

Rwy 16 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. Circling Rwy 34 NA at night.

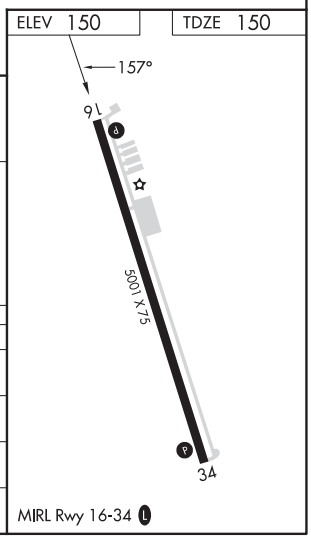
MISSED APPROACH: Climb to 620 then climbing left turn to 2000 direct KENNN and hold.

AWOS-3	HOUSTON APP CON	UNICOM
119.325	119.7 281.4	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	400-¾ 250 (300-¾)			NA
LNAV/VNAV DA	538-1⅛ 388 (400-1⅛)			NA
LNAV MDA	540-1 390 (400-1)		540-1⅛ 390 (400-1⅛)	NA
C CIRCLING	600-1 450 (500-1)		660-1½ 510 (600-1½)	NA



SC-5, 12 JUN 2025 to 07 AUG 2025

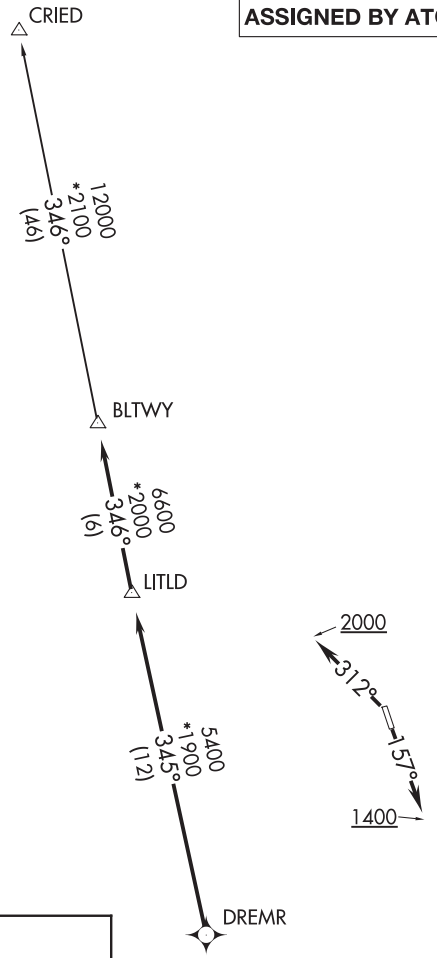
(BLTWY7.BLTWY) 21280

BLTWY SEVEN DEPARTURE (RNAV)

CLEVELAND MUNI (6R3)
CLEVELAND, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
119.325
CTAF
123.0
HOUSTON DEP CON
119.7 281.4



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwy 16, 34: Standard with minimum climb of 500′ per NM to 660.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 34: Climb on heading 312° to 2000 for RADAR vectors to DREMR, thence . . . .

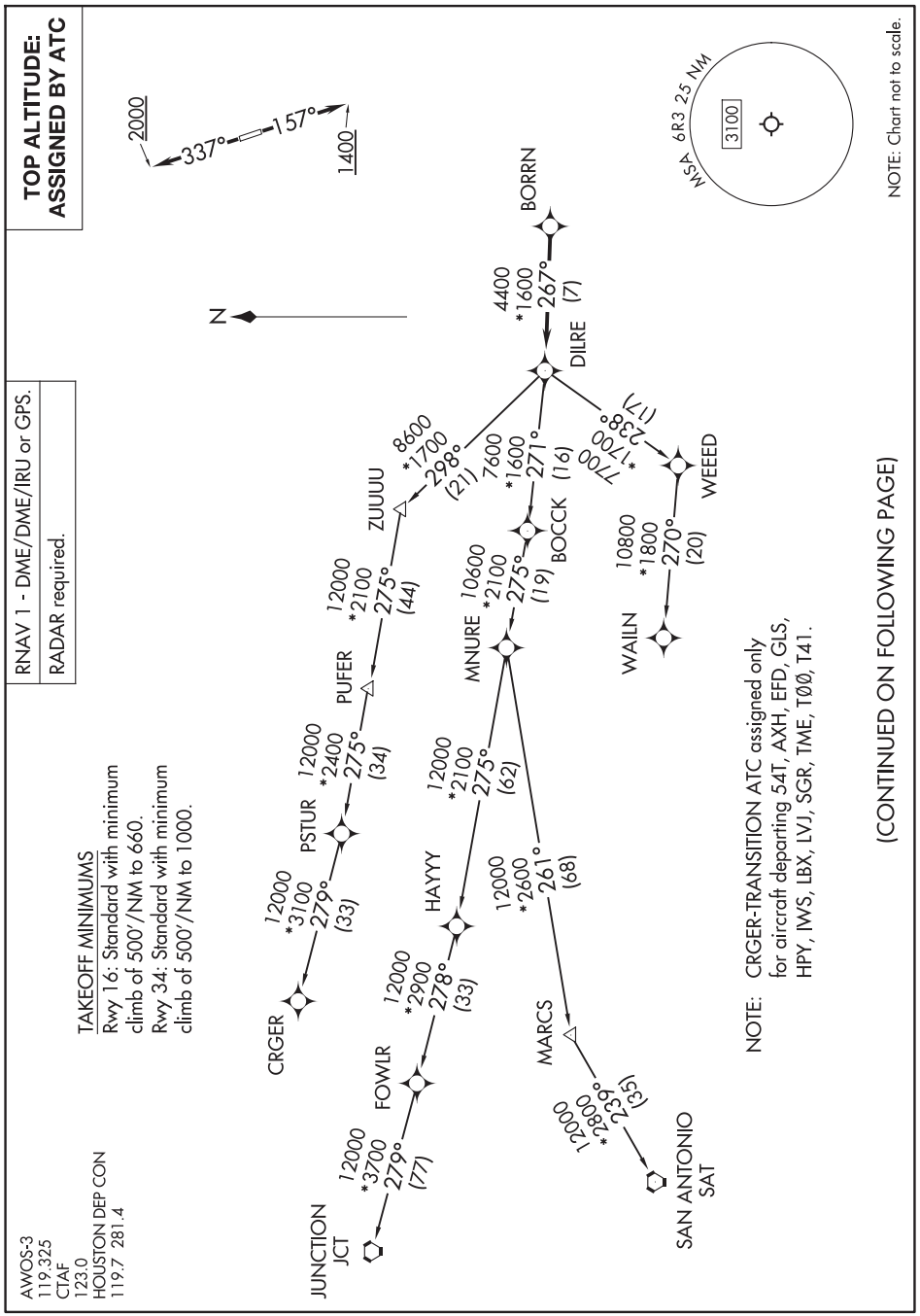
...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

BLTWY SEVEN DEPARTURE (RNAV)
(BLTWY7.BLTWY) 07OCT21
CLEVELAND, TEXAS
CLEVELAND MUNI (6R3)


TOP ALTITUDE: ASSIGNED BY ATC
RNAV 1 - DME/DME/IRU or GPS.
RADAR required.
TAKEOFF MINIMUMS
Rwy 16: Standard with minimum climb of 500'/NM to 660.
Rwy 34: Standard with minimum climb of 500'/NM to 1000.
AWOS-3 119.325
CTAF 123.0
HOUSTON DEP CON 119.7 281.4
2000
337°
157°
1400
N
BORRN
4400 *1600 267° (7)
DILRE
8600 *1700 298° (21)
ZUUUU
7600 *1600 271° (16)
BOCCK
7700 *1700 238° (17)
WEEED
12000 *2100 275° (44)
PUFER
12000 *2400 275° (34)
PSTUR
12000 *3100 279° (33)
CRGER
10600 *2100 275° (19)
MNURE
10800 *1800 270° (20)
WAILN
12000 *2100 275° (62)
HAYYY
12000 *2600 261° (68)
MARCS
12000 *2900 278° (33)
FOWLR
12000 *3700 279° (77)
JUNCTION JCT
12000 *2800 239° (35)
SAN ANTONIO SAT
MSA 6R3 25 NM
3100
NOTE: Chart not to scale.
NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.
(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 337° to 2000, for RADAR vectors to BORRN, thence. . . .

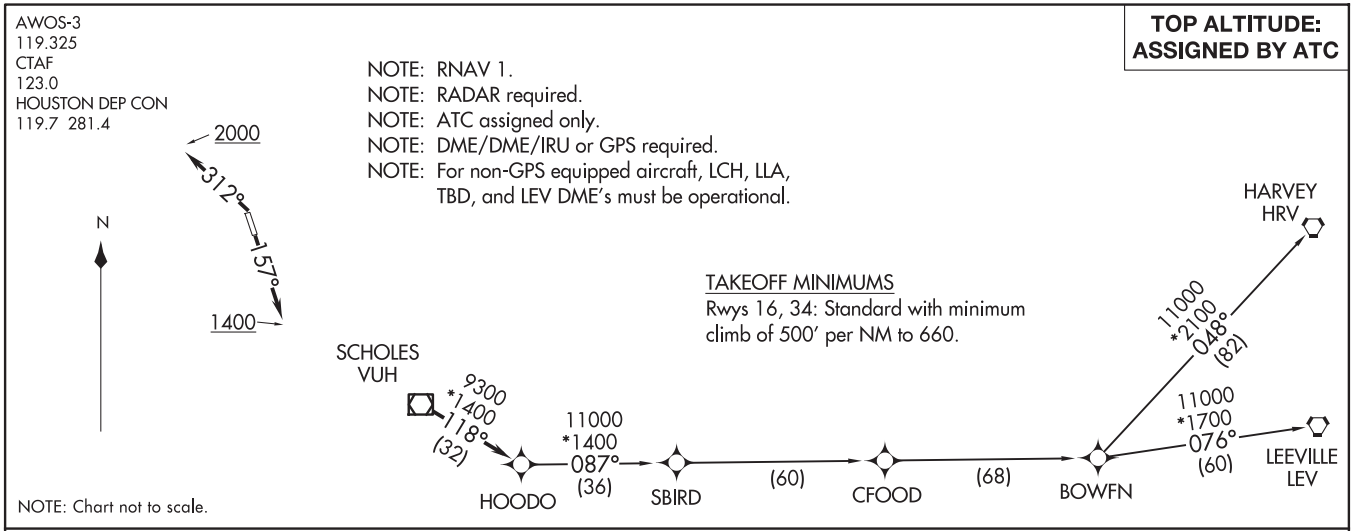
. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.



TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500' per NM to 660.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 34: Climb on heading 312° to 2000, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(INDIE8.INDIE) 21280

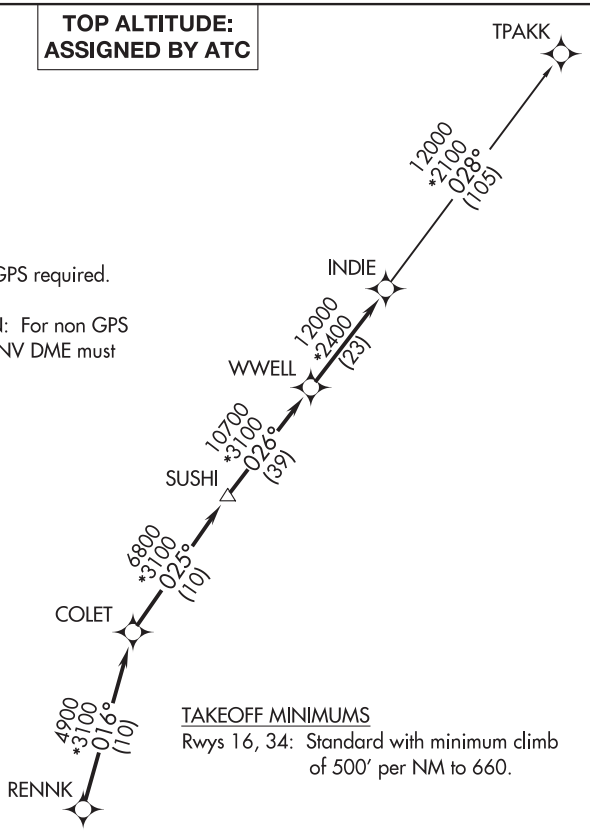
INDIE EIGHT DEPARTURE (RNAV)

CLEVELAND MUNI (6R3)
CLEVELAND, TEXAS

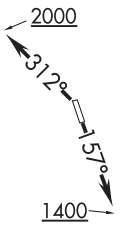
AWOS-3
119.325
CTAF
123.0
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500′ per NM to 660.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 34: Climb on heading 312° to 2000 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

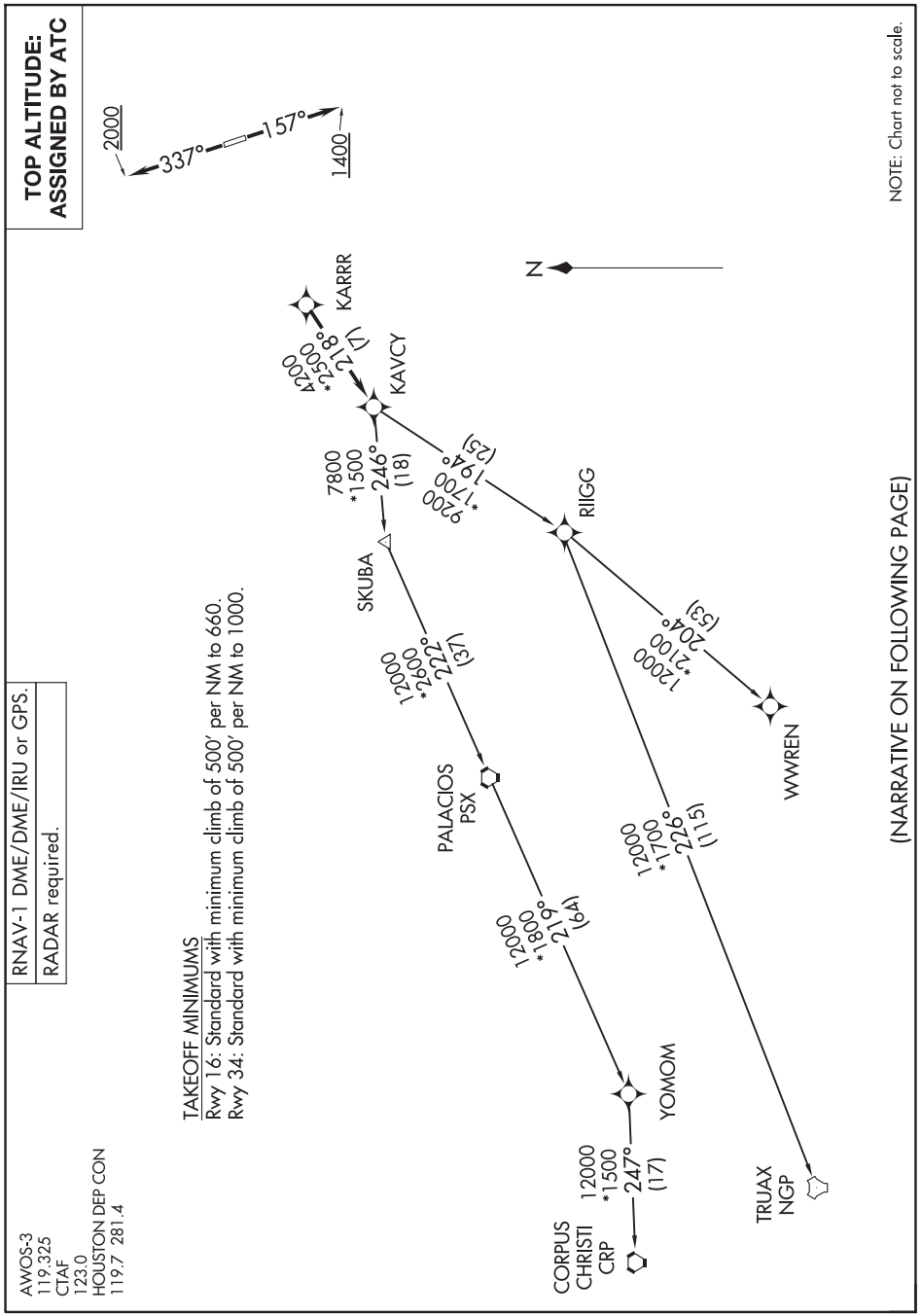
TPAKK TRANSITION (INDIE8.TPAKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

INDIE EIGHT DEPARTURE (RNAV)
CLEVELAND, TEXAS
CLEVELAND MUNI (6R3)

KARRR SEVEN DEPARTURE (RNAV)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 337° to 2000, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

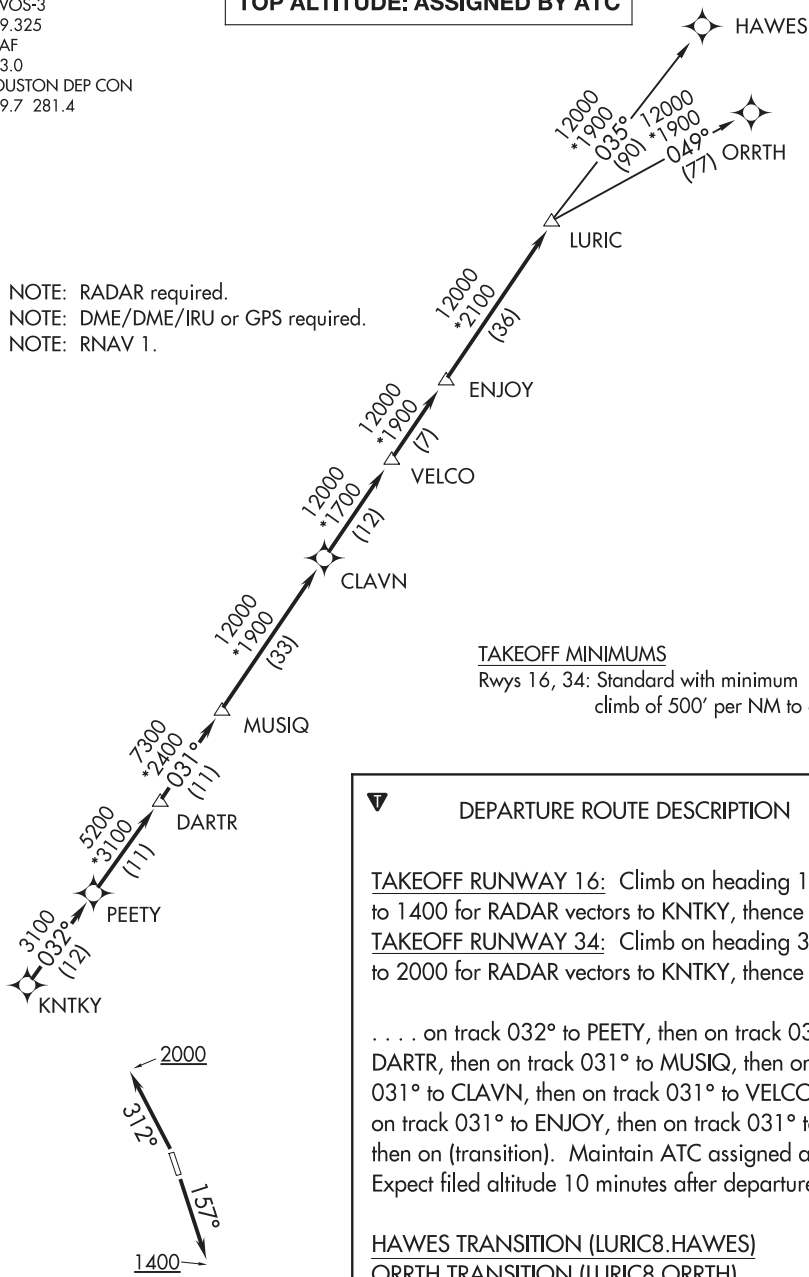
LURIC EIGHT DEPARTURE (RNAV)

CLEVELAND, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
119.325
CTAF
123.0
HOUSTON DEP CON
119.7 281.4

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



TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500′ per NM to 660.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 34: Climb on heading 312° to 2000 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

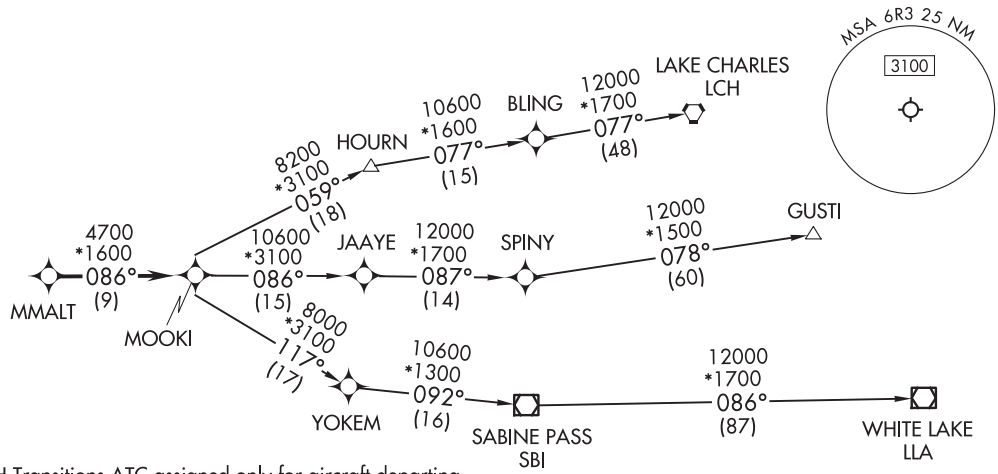
HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

HOUSTON DEP CON
119.7 281.4
AWOS-3
119.325
CTAF
123.0

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

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.

TAKEOFF MINIMUMS
Rwy 16: Standard with minimum climb of 500′/NM to 660.
Rwy 34: Standard with minimum climb of 500′/NM to 1000.

DEPARTURE ROUTE DESCRIPTION

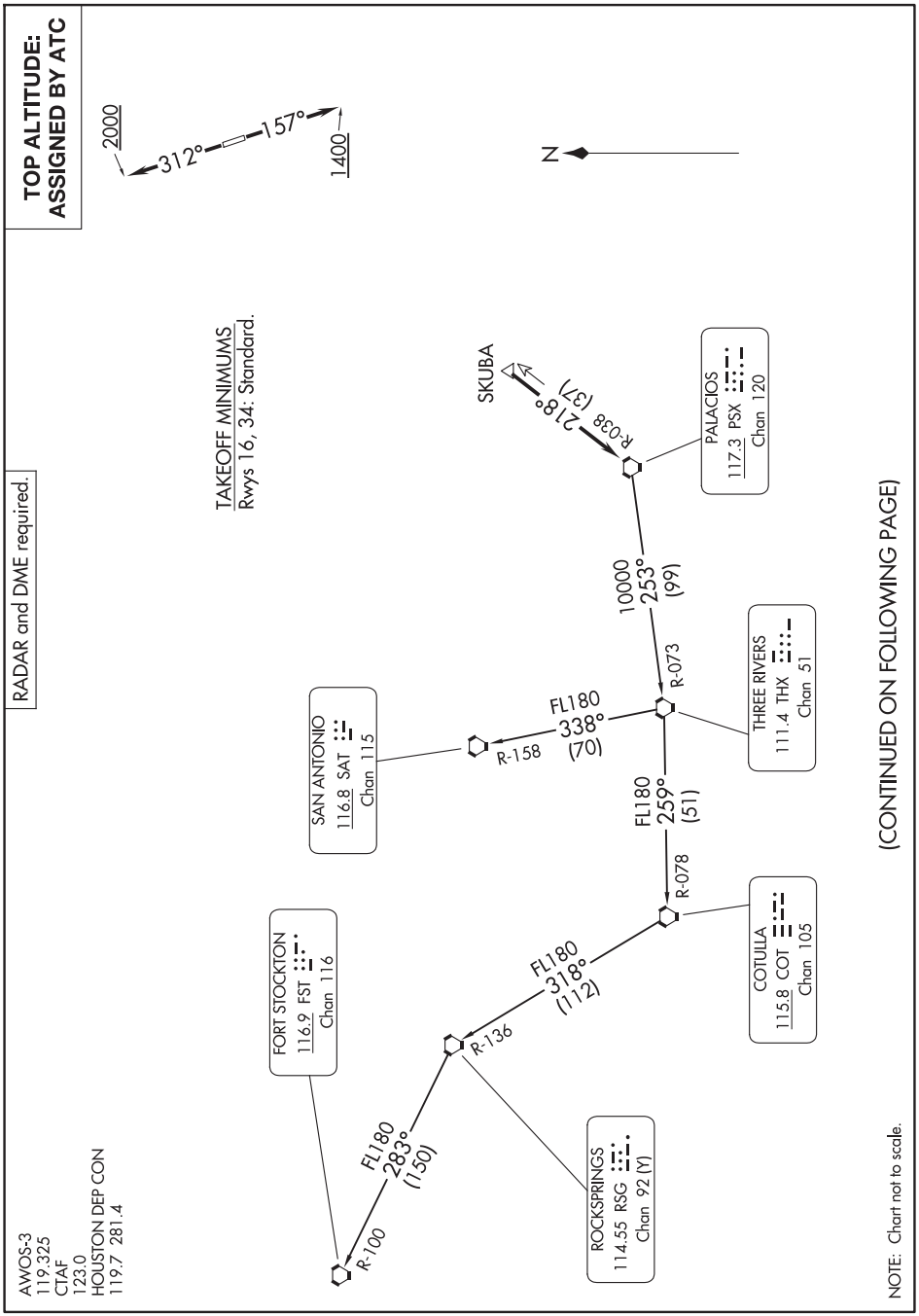
TAKEOFF RUNWAY 16: Climb on heading 157° to 1400, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 337° to 2000, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

NOTE: Chart not to scale.

PALACIOS THREE DEPARTURE



(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 312° to 2000 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

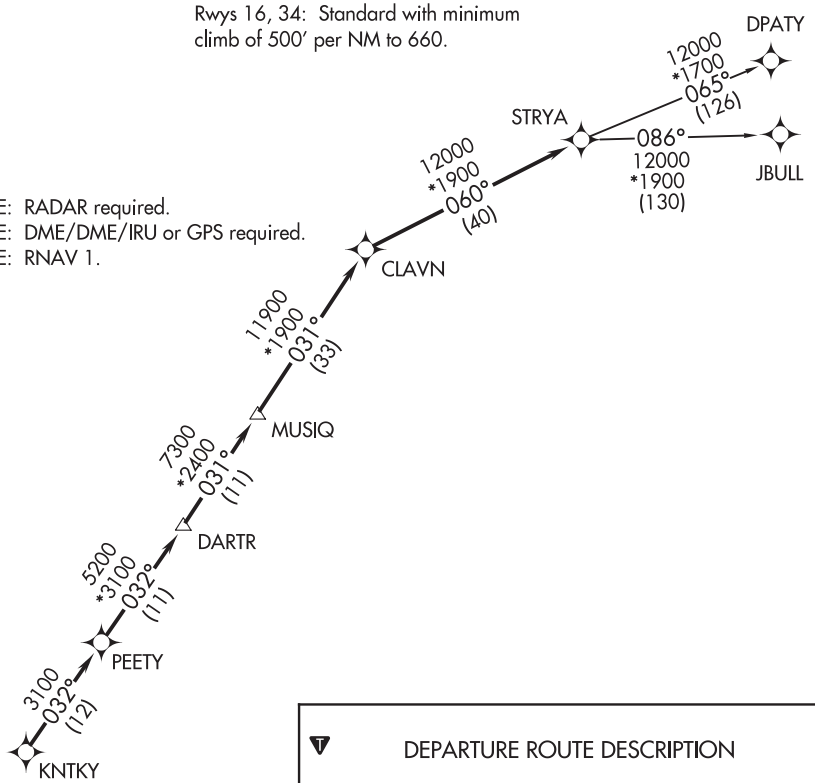
STRYA EIGHT DEPARTURE (RNAV)

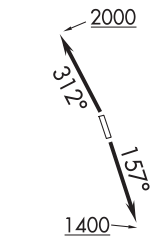
TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
119.325
CTAF
123.0
HOUSTON DEP CON
119.7 281.4

TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500′ per NM to 660.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 312° to 2000 for RADAR vectors to KNTKY, thence. . . .

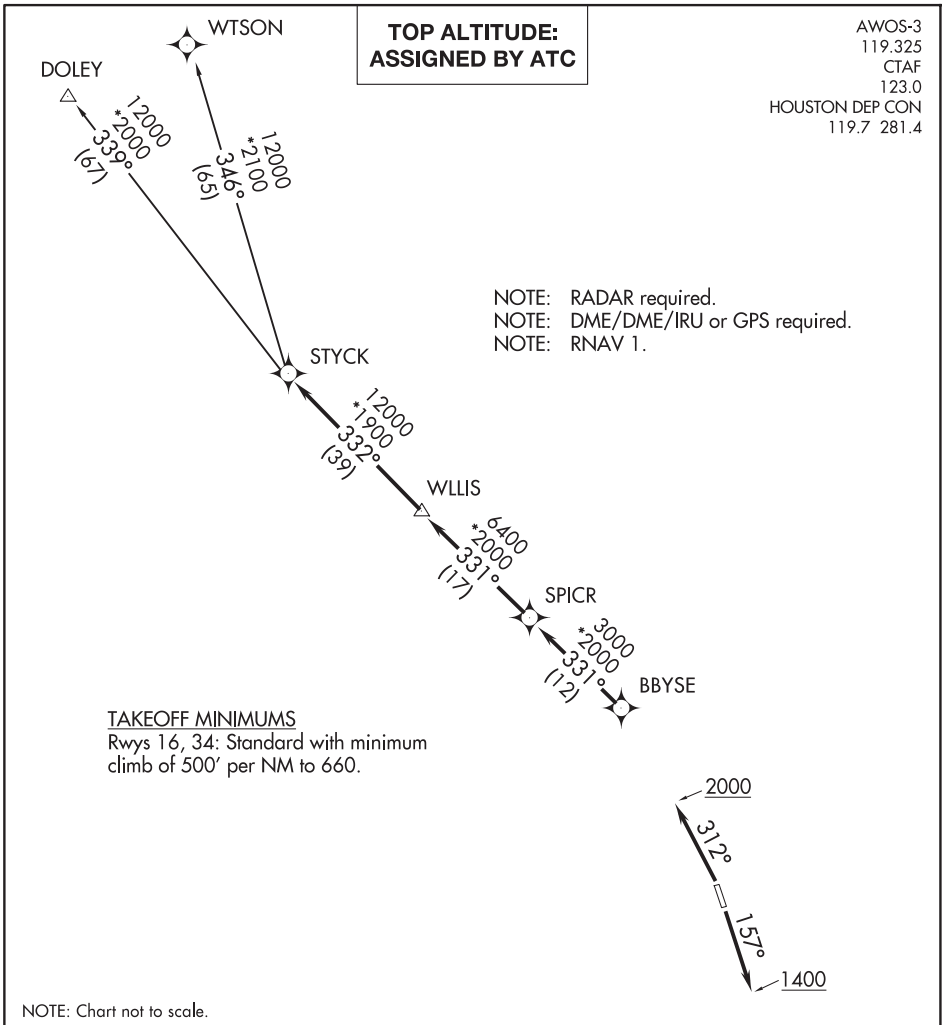
. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

(STYCK8.STYCK) 21280 AL-6073 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

CLEVELAND MUNI (6R3)
CLEVELAND, TEXAS



DEPARTURE ROUTE DESCRIPTION

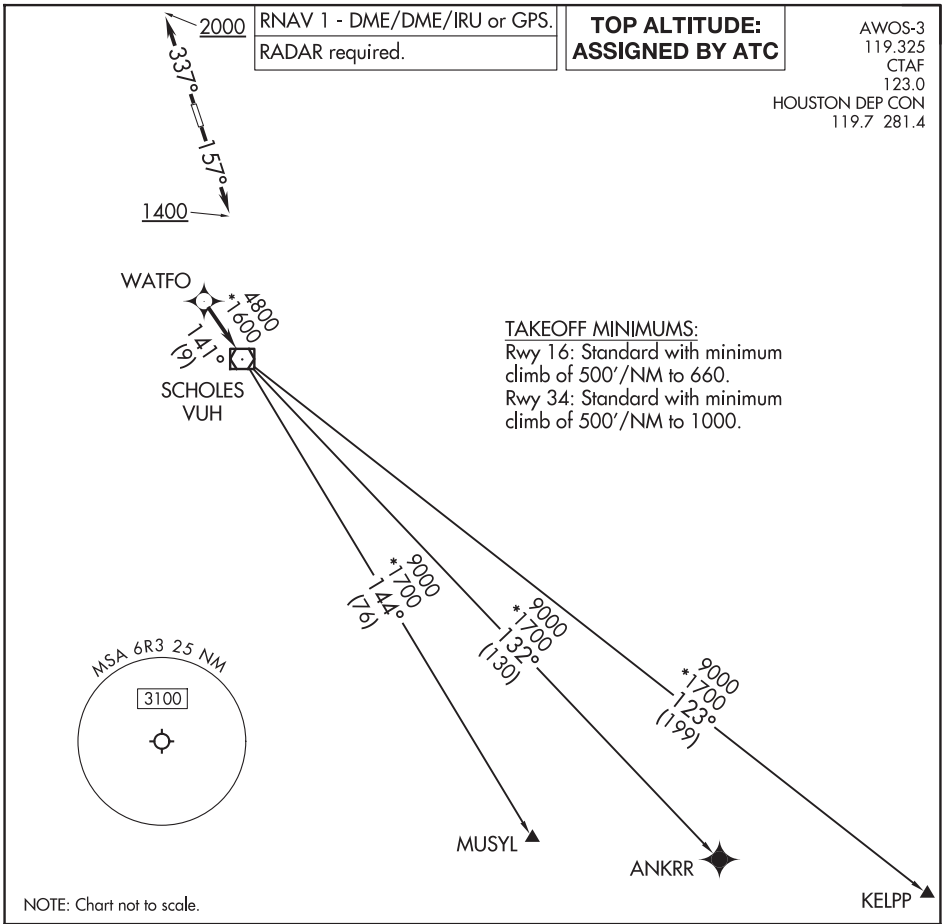
TAKEOFF RUNWAY 16: Climb on heading 157° to 1400 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 34: Climb on heading 312° to 2000 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025

WATFO SIX DEPARTURE (RNAV)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 337° to 2000, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

(WYLSN8.WYLSN) 21280 AL-6073 (FAA)

CLEVELAND MUNI (6R3)

WYLSN EIGHT DEPARTURE (RNAV)

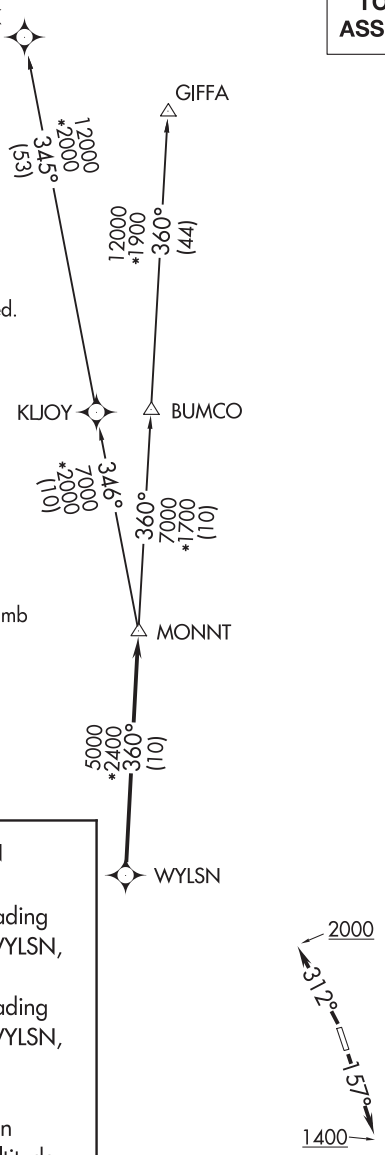
CLEVELAND, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
119.325
CTAF
123.0
HOUSTON DEP CON
119.7 281.4

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

TAKEOFF MINIMUMS
Rwy 16, 34: Standard with minimum climb of 500′ per NM to 660.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 157° to 1400 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 312° to 2000 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 35
EASTERWOOD FLD (CLL)

LOC/DME I-CLL	APP CRS	Rwy ldg	6932
110.55	346°	TDZE	311
Chan 42 (Y)		Apt Elev	321

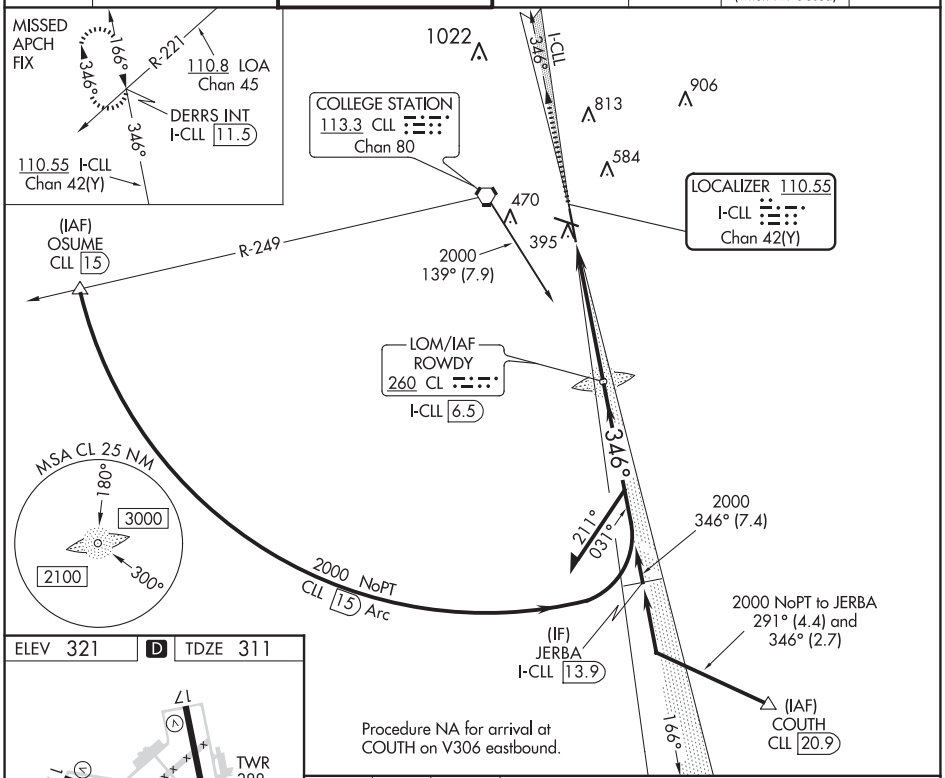
ADF or DME required for procedure entry. ADF or DME required for LOC only.

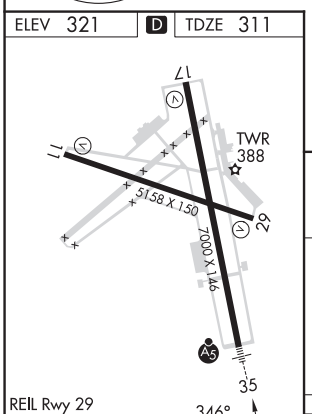
For inop ALS, increase S-ILS 35 Cat E visibility to ¾ SM and S-LOC 35 Cat E visibility to 1⅜ SM. ILS glideslope unusable for coupled approaches below 1050 feet MSL.

MALSR

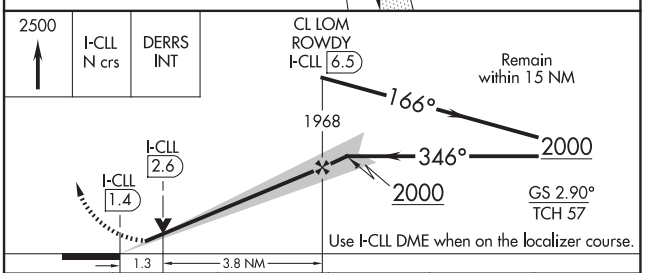
MISSED APPROACH: Climb to 2500 on I-CLL north course to DERRS INT/I-CLL 11.5 DME and hold.

ATIS	HOUSTON APP CON	EASTERWOOD TOWER★	GND CON	CLNC DEL	CLNC DEL	UNICOM
126.85	134.3 360.85	118.5 (CTAF) L 284.7	128.7 284.7	128.7	120.4 (when twr closed)	122.95





FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42



CATEGORY	A	B	C	D	E
S-ILS 35	511-½ 200 (200-½)				
S-LOC 35	760-½ 449 (500-½)		760-⅞ 449 (500-⅞)		
C CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	1000-2 679 (700-2)	1180-2¾ 859 (900-2¾)	1180-3 859 (900-3)

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

COLLEGE STATION, TEXAS | AL-928 (FAA) | 23166

RNAV (GPS) RWY 11
EASTERWOOD FLD (CLL)

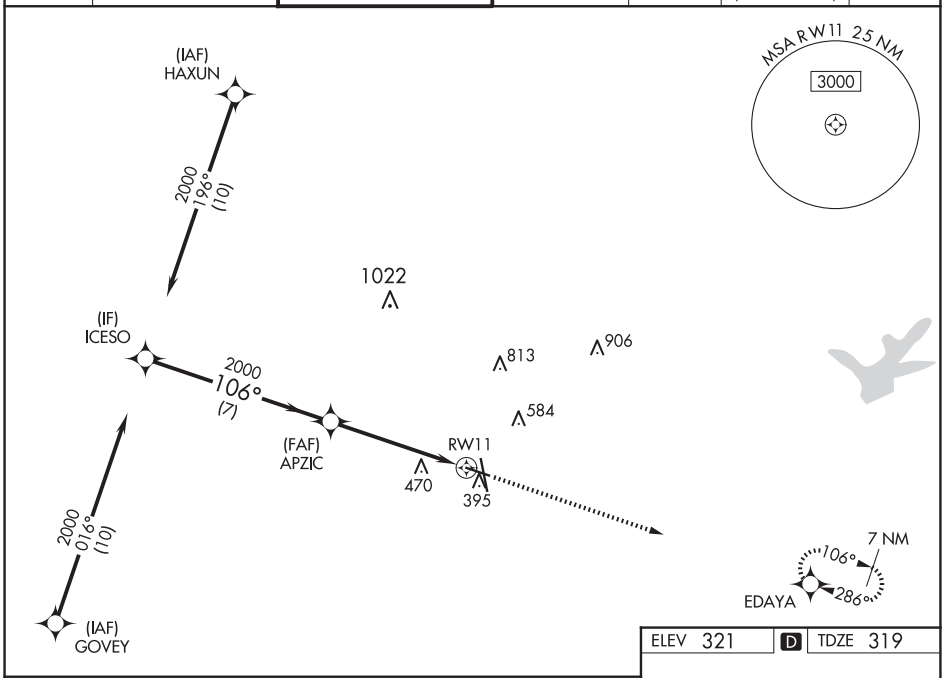
WAAS CH 65632 W11A	APP CRS 106°	Rwy ldg 5158 TDZE 319 Apt Elev 321

RNP APCH.

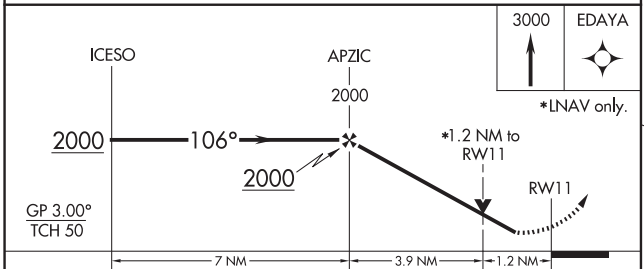
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C or above 54°C. Rwy 11 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct EDAYA and hold.

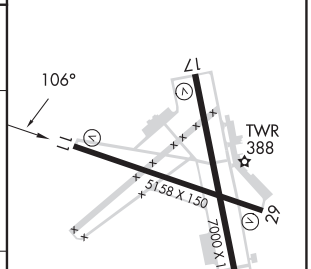
ATIS	HOUSTON APP CON	EASTERWOOD TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
126.85	134.3 360.85	118.5 (CTAF) L 284.7	128.7 284.7	128.7	120.4	122.95



ELEV 321 | D | TDZE 319



CATEGORY	A	B	C	D	E
LPV DA	569-¾ 250 (300-¾)				
LNAV/VNAV DA	641-1 322 (400-1)				
LNAV MDA	740-1 421 (500-1)		740-1¼ 421 (500-1¼)		
C CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	1000-2 679 (700-2)	1180-2¾ 859 (900-2¾)	1180-3 859 (900-3)



REIL Rwy 29
MIRL Rwy 11-29 L
HIRL Rwy 17-35 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 78322 W17A	APP CRS 166°	Rwy ldg 7000 TDZE 321 Apt Elev 321

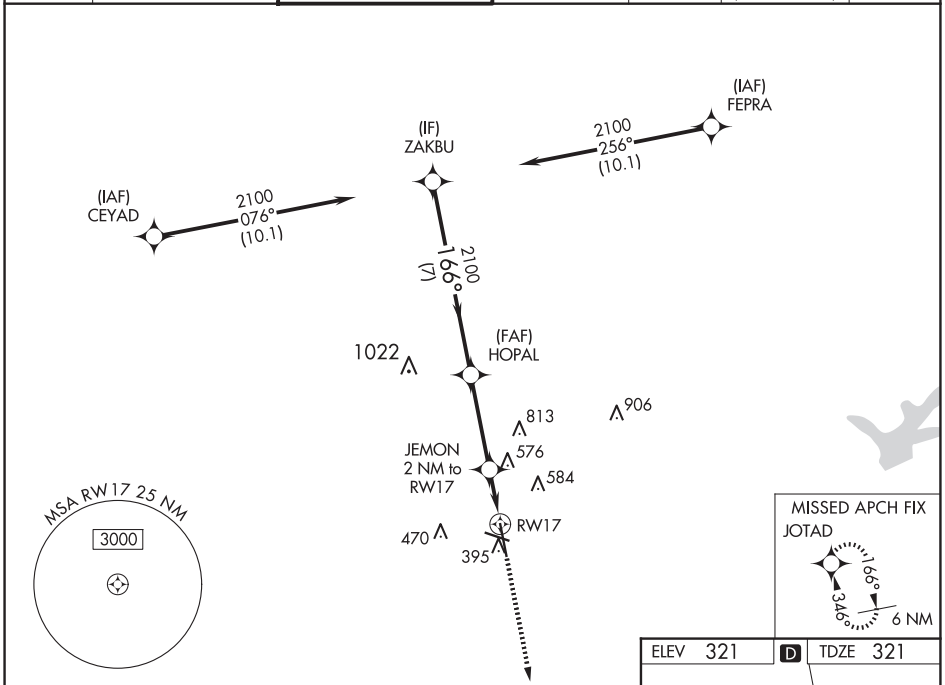
RNAV (GPS) RWY 17
EASTERWOOD FLD (CLL)

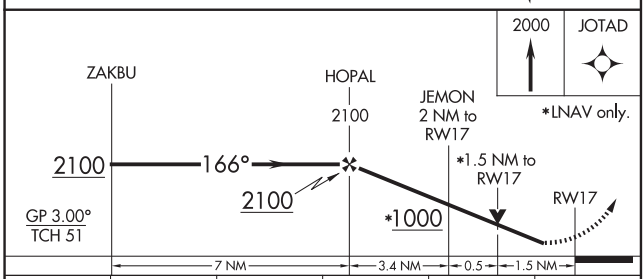
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C or above 54°C. Rwy 17 helicopter visibility reduction below ¾ SM NA.

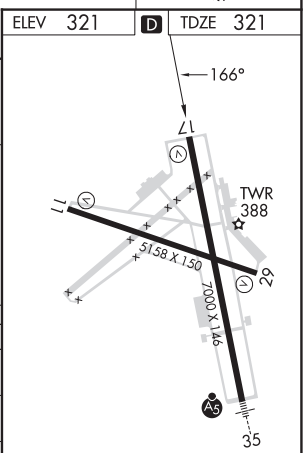
MISSED APPROACH: Climb to 2000 direct JOTAD and hold.

ATIS	HOUSTON APP CON	EASTERWOOD TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
126.85	134.3 360.85	118.5 (CTAF) L 284.7	128.7 284.7	128.7	120.4	122.95





CATEGORY	A	B	C	D	E
LPV DA	571-¾ 250 (300-¾)				
LNAV/VNAV DA	637-1 316 (400-1)				
LNAV MDA	840-1 519 (600-1)		840-1⅜ 519 (600-1⅜)		
C CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	1000-2 679 (700-2)	1180-2¾ 859 (900-2¾)	1180-3 859 (900-3)



REIL Rwy 29
MIRL Rwy 11-29 L
HIRL Rwy 17-35 L

SC-5, 12 JUN 2025 to 07 AUG 2025

COLLEGE STATION, TEXAS | AL-928 (FAA) | 23166

RNAV (GPS) RWY 29
EASTERWOOD FLD (CLL)

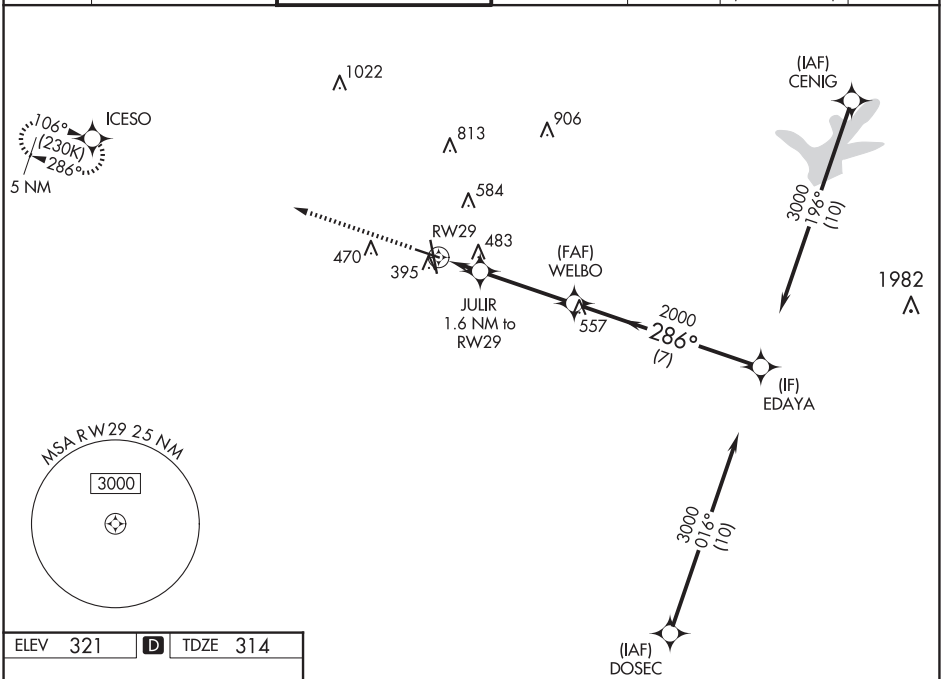
WAAS CH 87022 W29A	APP CRS 286°	Rwy ldg 5158 TDZE 314 Apt Elev 321

RNP APCH.

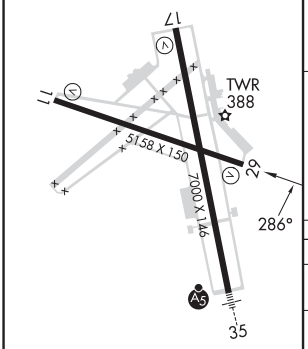
Baro-VNAV NA when using Caldwell altimeter setting.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C or above 54°C. Rwy 29 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2000 direct ICESO and hold.

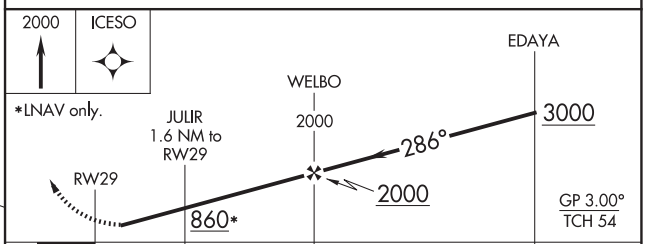
ATIS	HOUSTON APP CON	EASTERWOOD TOWER★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
126.85	134.3 360.85	118.5 (CTAF) L 284.7	128.7 284.7	128.7	120.4	122.95



ELEV 321 | D | TDZE 314



REIL Rwy 29
MIRL Rwy 11-29 L
HIRL Rwy 17-35 L



CATEGORY	A	B	C	D	E
LPV DA	564-¾ 250 (300-¾)				
LNAV/VNAV DA	762-1⅜ 448 (500-1⅜)				
LNAV MDA	740-1 426 (500-1)		740-1¼ 426 (500-1¼)		
C CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	1000-2 679 (700-2)	1180-2¾ 859 (900-2¾)	1180-3 859 (900-3)

COLLEGE STATION, TEXAS
Amdt 1B 20JUN19

30°35′N-96°22′W

EASTERWOOD FLD (CLL)
RNAV (GPS) RWY 29

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 35
EASTERWOOD FLD (CLL)

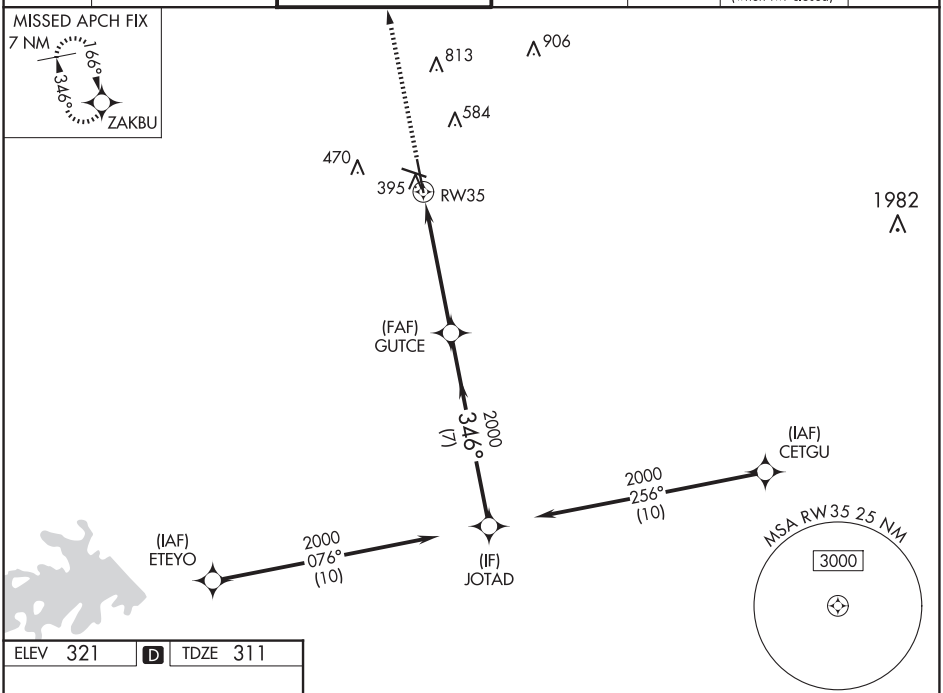
WAAS CH 63122 W35A	APP CRS 346°	Rwy ldg 6932 TDZE 311 Apt Elev 321

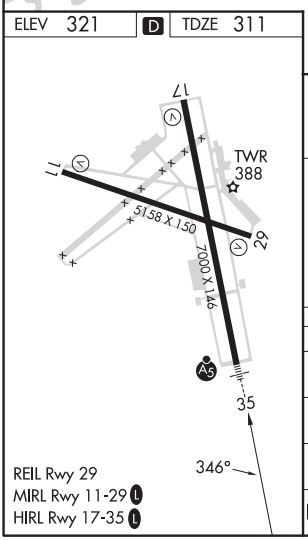
RNP APCH.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C or above 54°C. For inop ALS, increase LPV Cat E and LNAV/VNAV all Cats visibility to ¾ SM, increase LNAV Cat E visibility to 1⅜ SM.

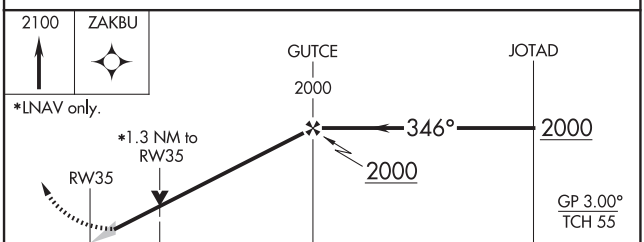
MALSR

MISSED APPROACH: Climb to 2100 direct ZAKBU and hold.

ATIS	HOUSTON APP CON	EASTERWOOD TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
126.85	134.3 360.85	118.5 (CTAF) L 284.7	128.7 284.7	128.7	120.4	122.95







CATEGORY	A	B	C	D	E
LPV DA	511-½ 200 (200-½)				
LNAV/VNAV DA	563-½ 252 (300-½)				
LNAV MDA	760-½ 449 (500-½)		760-⅞ 449 (500-⅞)		
C CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	1000-2 679 (700-2)	1180-2¾ 859 (900-2¾)	1180-3 859 (900-3)

SC-5, 12 JUN 2025 to 07 AUG 2025

COLLEGE STATION, TEXAS

AL-928 (FAA)

23166

LOC BC RWY 17
EASTERWOOD FLD (CLL)

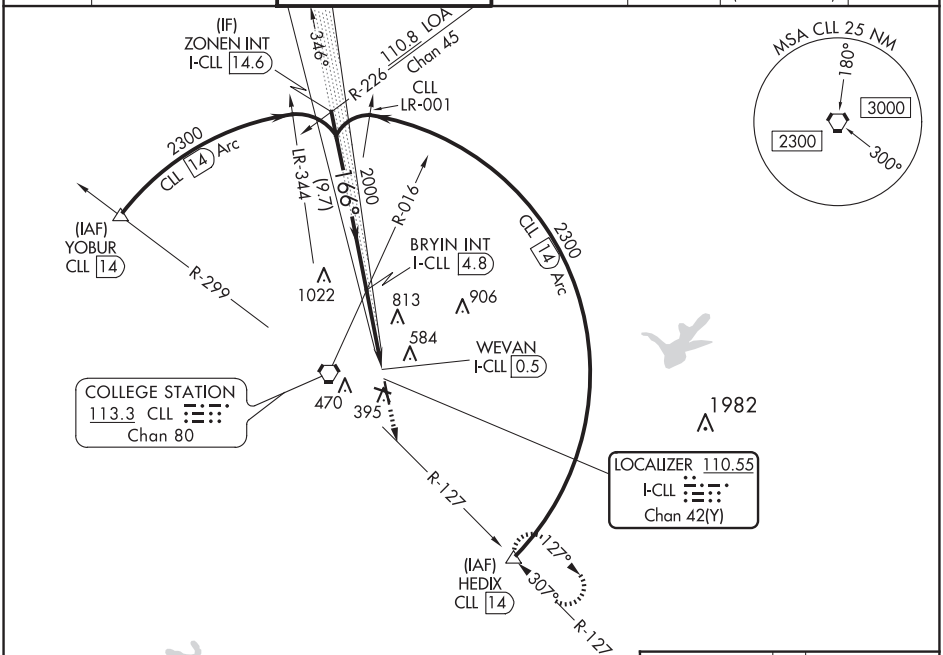
LOC/DME I-CLL	APP CRS	Rwy ldg	7000
110.55	166°	TDZE	321
Chan 42 (Y)		Apt Elev	321

DME required.

T A Rwy 17 helicopter visibility reduction below ¾ SM NA.

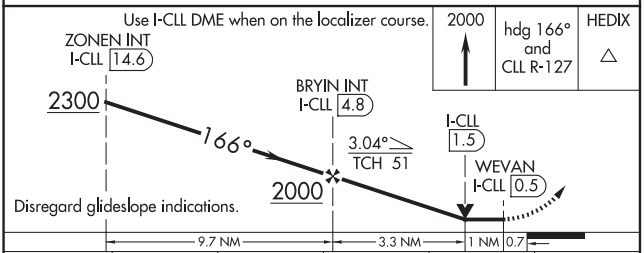
MISSED APPROACH: Climb to 2000 on heading 166° and CLL R-127 to HEDIX/CLL 14 DME and hold.

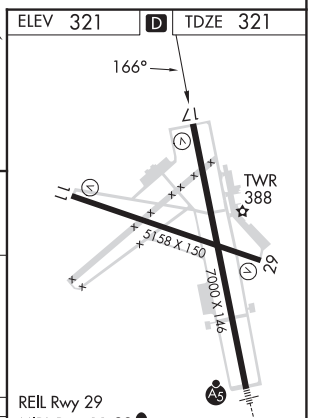
ATIS	HOUSTON APP CON	EASTERWOOD TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
126.85	134.3 360.85	118.5 (CTAF) L 284.7	128.7 284.7	128.7	120.4	122.95



BACK COURSE

Use I-CLL DME when on the localizer course.





CATEGORY	A	B	C	D	E
S-LOC 17	940-1	619 (700-1)	940-1¾ 619 (700-1¾)		
C CIRCLING	940-1	619 (700-1)	1000-2 679 (700-2)	1180-2¾ 859 (900-2¾)	1180-3 859 (900-3)

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-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

VOR RWY 29
EASTERWOOD FLD (CLL)

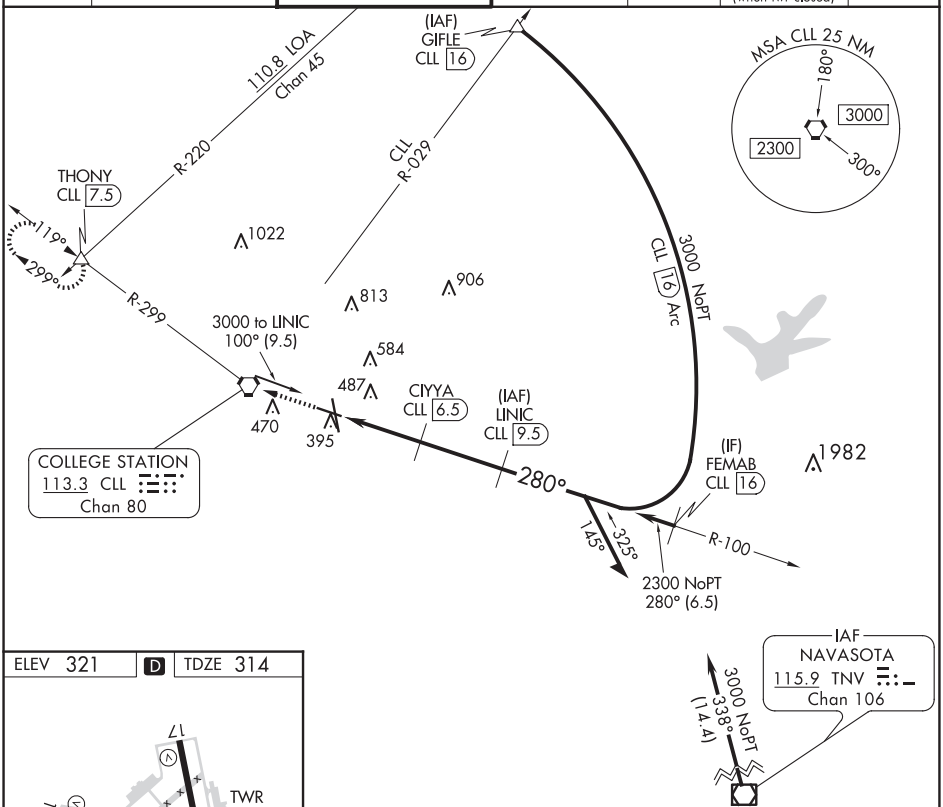
VORTAC CLL	APP CRS	Rwy ldg 5158
113.3	280°	TDZE 314
Chan 80		Apt Elev 321

DME required for procedure entry. DME required.

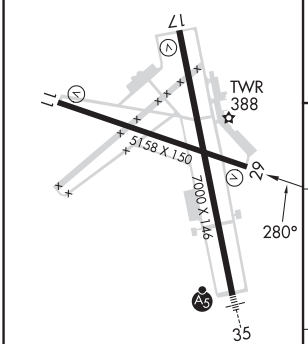
Rwy 29 helicopter visibility reduction below ¾ SM NA.

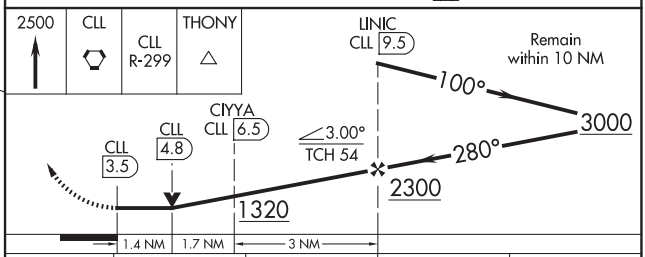
MISSED APPROACH: Climb to 2500 direct CLL VORTAC then on CLL VORTAC R-299 to THONY INT/CLL 7.5 DME and hold.

ATIS	HOUSTON APP CON	EASTERWOOD TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
126.85	134.3 360.85	118.5 (CTAF) L 284.7	128.7 284.7	128.7	120.4	122.95



ELEV 321 D TDZE 314





CATEGORY	A	B	C	D
S-29	800-1 486 (500-1)		800-1⅜ 486 (500-1⅜)	
C CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	1000-2 679 (700-2)	1180-2¾ 859 (900-2¾)

REIL Rwy 29
MIRL Rwy 11-29 L
HIRL Rwy 17-35 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

COLLEGE STATION, TEXAS

AL-928 (FAA)

25135

VOR or TACAN RWY 11

EASTERWOOD FLD (CLL)

VORTAC CLL	APP CRS	Rwy ldg 5158
113.3	100°	TDZE 319
Chan 80		Apt Elev 321

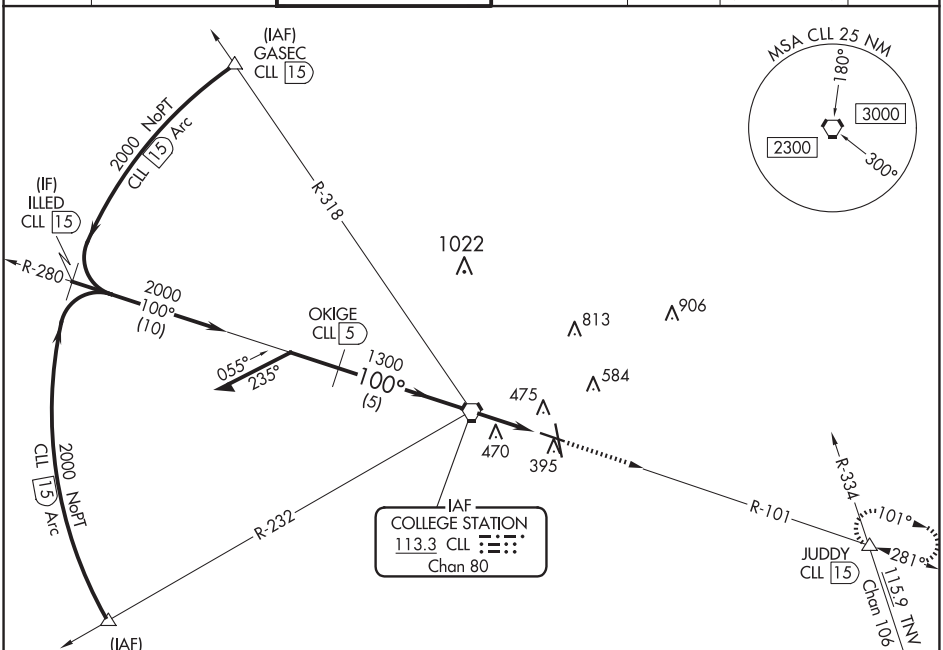
DME required for procedure entry.

Procedure turn NA for Cat E.

Rwy 11 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3100 on CLL VORTAC R-101 to JUDDY INT/CLL 15 DME and hold.

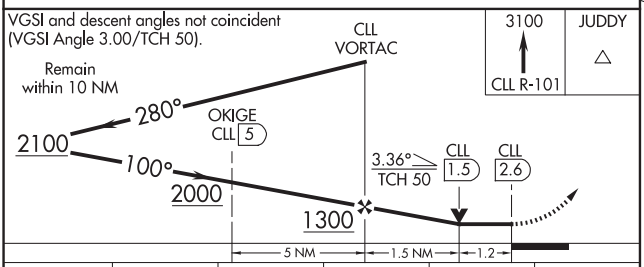
ATIS	HOUSTON APP CON	EASTERWOOD TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
126.85	134.3 360.85	118.5 (CTAF) L 284.7	128.7 284.7	128.7	120.4 (when twr closed)	122.95



SC-5, 12 JUN 2025 to 07 AUG 2025

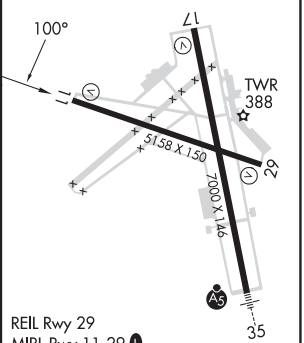
SC-5, 12 JUN 2025 to 07 AUG 2025

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 50).



CATEGORY	A	B	C	D	E
S-11	740-1 421 (500-1)		740-1¼ 421 (500-1¼)		
C CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	1000-2 679 (700-2)	1180-2¾ 859 (900-2¾)	1180-3 859 (900-3)

ELEV 321 | D | TDZE 319



REIL Rwy 29

MIRL Rwy 11-29 L

HIRL Rwy 17-35 L

FAF to MAP 2.6 NM					
Knots	60	90	120	150	180
Min:Sec	2:36	1:44	1:18	1:02	0:52

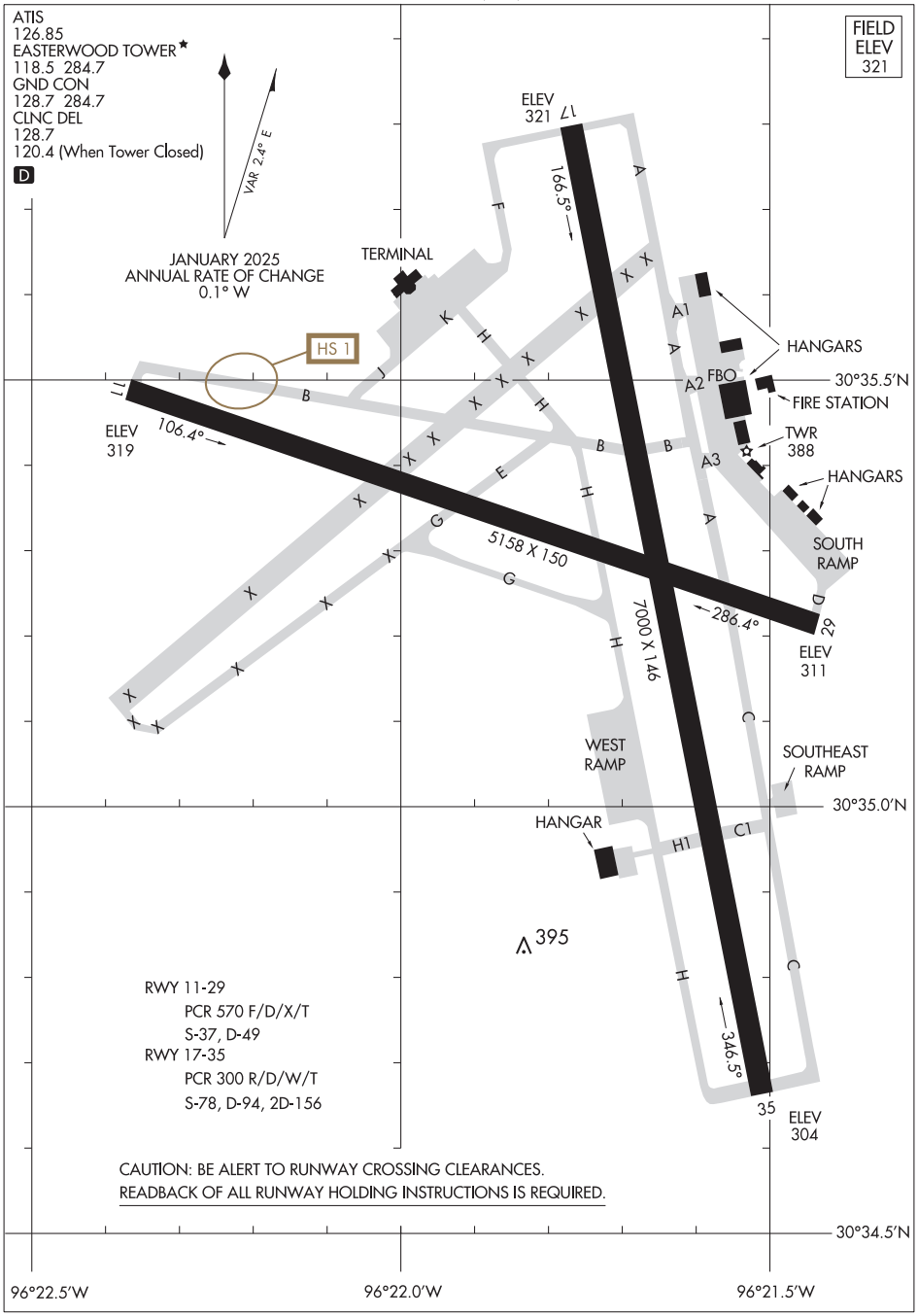
COLLEGE STATION, TEXAS

Amdt 19F 15JUN23

30°35′N-96°22′W

EASTERWOOD FLD (CLL)

VOR or TACAN RWY 11


AL-928 (FAA)
ATIS
126.85
EASTERWOOD TOWER ★
118.5 284.7
GND CON
128.7 284.7
CLNC DEL
128.7
120.4 (When Tower Closed)
D
VAR 2.4° E
JANUARY 2025
ANNUAL RATE OF CHANGE
0.1° W
FIELD
ELEV
321
ELEV
321
17
166.5°
TERMINAL
HS 1
A1
HANGARS
FBO
A2
30°35.5'N
FIRE STATION
TWR
388
A3
HANGARS
11
ELEV
319
106.4°
5158 X 150
SOUTH
RAMP
7000 X 146
286.4°
29
ELEV
311
WEST
RAMP
SOUTHEAST
RAMP
30°35.0'N
HANGAR
H1
C1
395
RWY 11-29
PCR 570 F/D/X/T
S-37, D-49
RWY 17-35
PCR 300 R/D/W/T
S-78, D-94, 2D-156
346.5°
35
ELEV
304
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
30°34.5'N
96°22.5'W
96°22.0'W
96°21.5'W

CROCKETT, TEXAS

AL-9412 (FAA)

22055

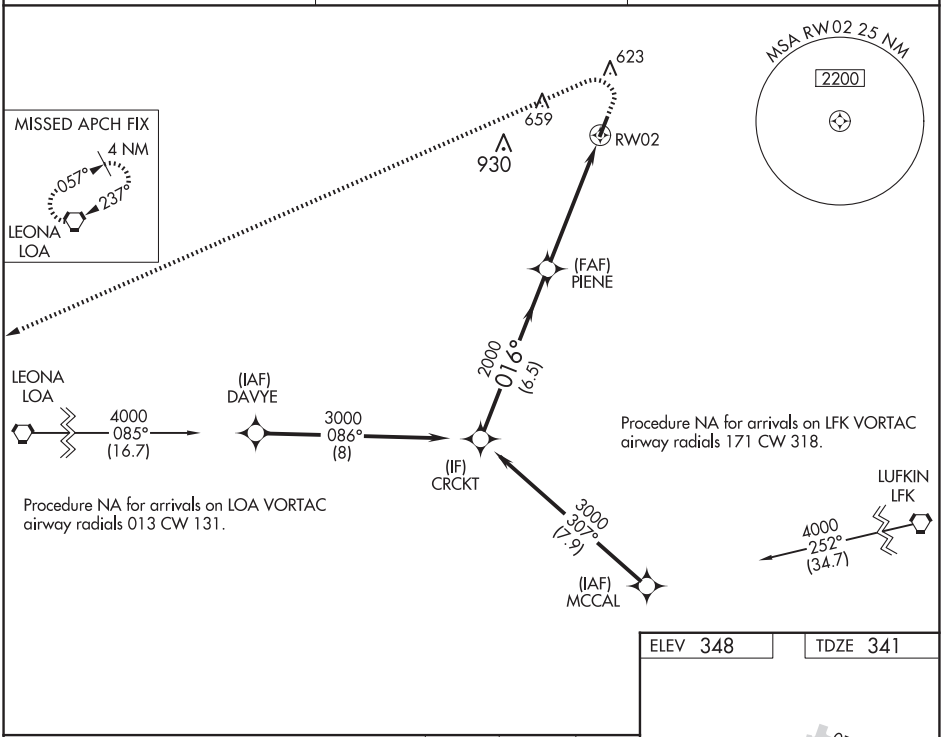
RNAV (GPS) RWY 2
HOUSTON COUNTY (DKR)

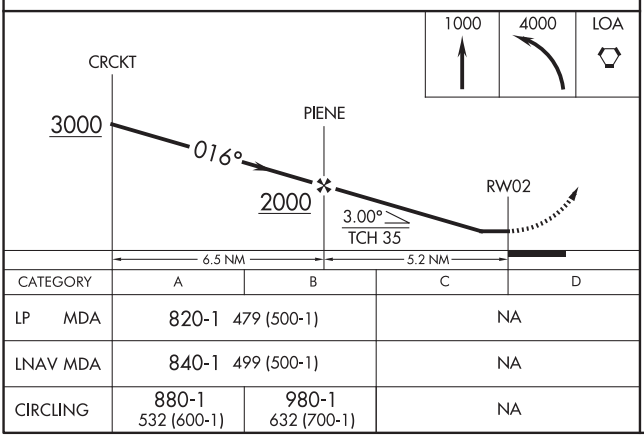
WAAS CH 53526 W02A	APP CRS 016°	Rwy ldg 4000 TDZE 341 Apt Elev 348

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Palestine altimeter setting and increase all MDA 100 feet.
Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

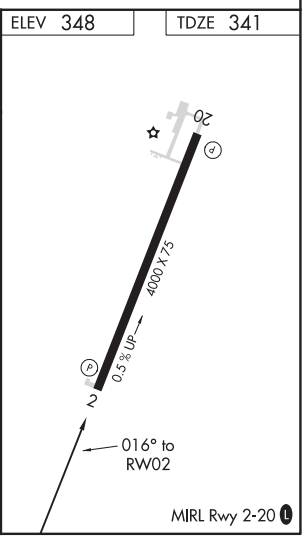
MISSED APPROACH: Climb to 1000 then climbing left turn to 4000 direct LOA VORTAC and hold.

AWOS-3PT	HOUSTON CENTER	CTAF
118.775	134.8 269.6	122.9 L





CATEGORY	A	B	C	D
LP MDA	820-1 479 (500-1)		NA	
LNAV MDA	840-1 499 (500-1)		NA	
CIRCLING	880-1 532 (600-1)	980-1 632 (700-1)	NA	



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 65826 W20A	APP CRS 197°	Rwy ldg 4000 TDZE 348 Apt Elev 348

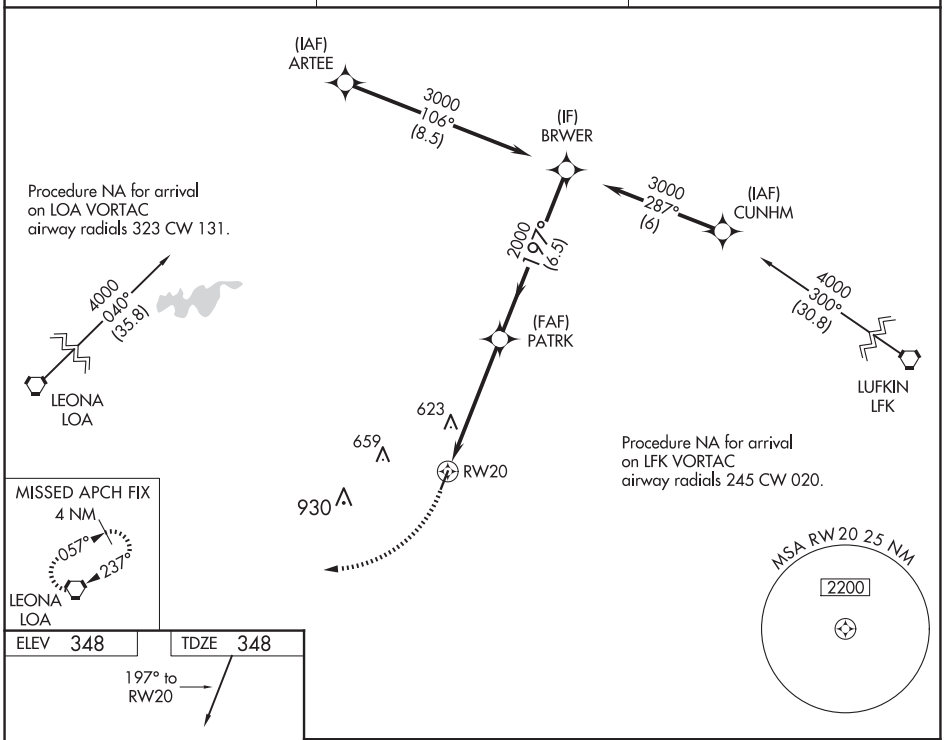
RNAV (GPS) RWY 20
HOUSTON COUNTY (DKR)

RNP APCH.

Procedure NA at night.
Rwy 20 helicopter visibility reduction below 1 SM NA.

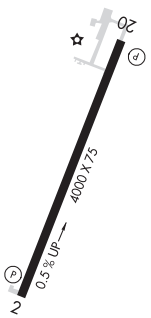
MISSED APPROACH: Climbing right turn to 4000 direct LOA VORTAC and hold.

AWOS-3PT	HOUSTON CENTER	CTAF
118.775	134.8 269.6	122.9 L

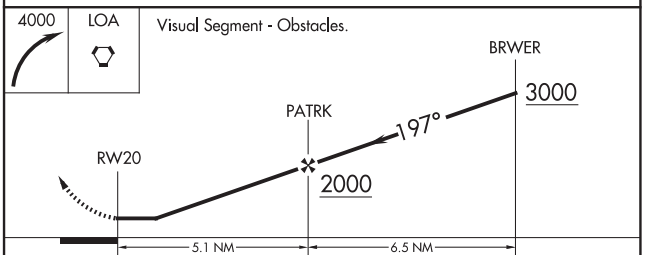


ELEV 348	TDZE 348

197° to RW20



MIRL Rwy 2-20 L



CATEGORY	A	B	C	D
LP MDA	880-1 532 (600-1)		NA	
LNAV MDA	900-1 552 (600-1)		NA	
C CIRCLING	900-1 552 (600-1)	980-1 632 (700-1)	NA	

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

EAGLE LAKE, TEXAS | AL-5270 (FAA) | 21168

RNAV (GPS) RWY 17
EAGLE LAKE (ELA)

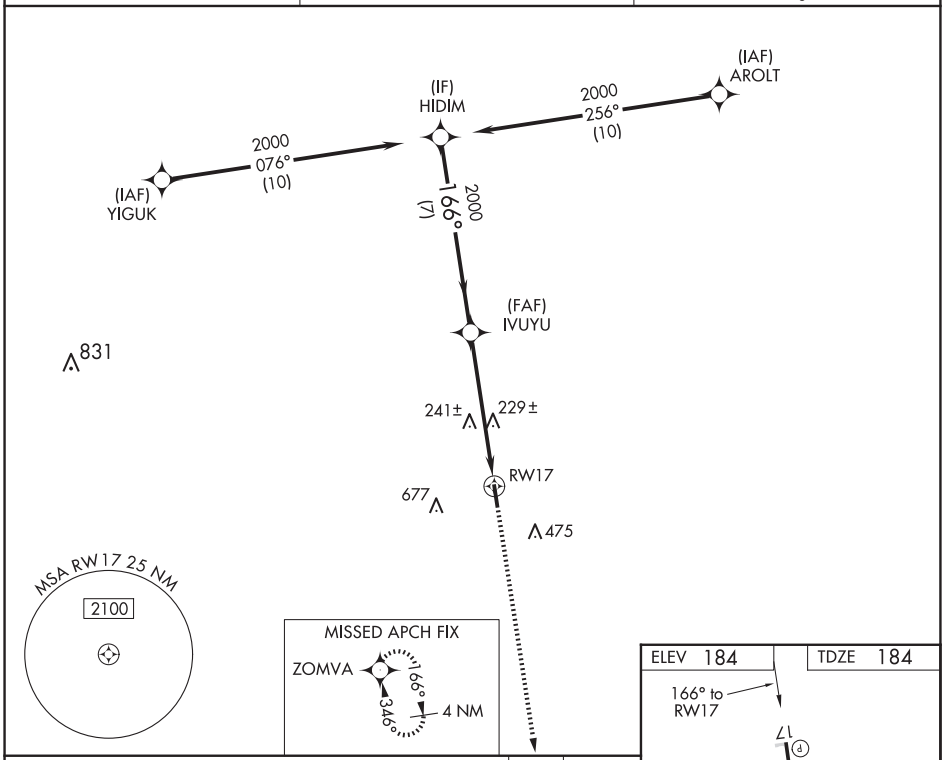
WAAS CH 40229 W17A	APP CRS 166°	Rwy ldg 4280 TDZE 184 Apt Elev 184

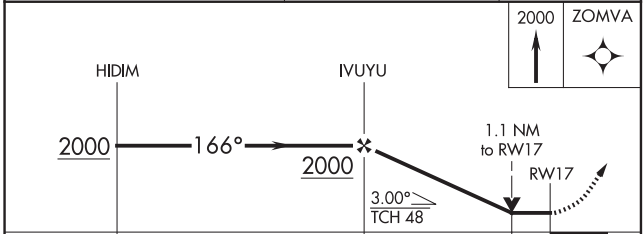
RNP APCH-GPS.

Rwy 17 helicopter visibility reduction below ¾ SM NA. Circling Rwy 35 NA at night. When local altimeter setting not received, use Wharton altimeter setting and increase all MDA 80 feet, increase LP, LNAV and Circling Cat C visibility ¼ SM. VDP NA when using Wharton altimeter setting.

MISSED APPROACH: Climb to 2000 direct ZOMVA and hold.

AWOS-3PT	HOUSTON APP CON	CTAF
128.475	124.225 306.975	122.9 L





CATEGORY	A	B	C	D
LP MDA	580-1 396 (400-1)		580-1⅛ 396 (400-1⅛)	NA
LNAV MDA	600-1 416 (500-1)		600-1⅛ 416 (500-1⅛)	NA
CIRCLING	860-1 676 (700-1)		1040-2½ 856 (900-2½)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 35
EAGLE LAKE (ELA)

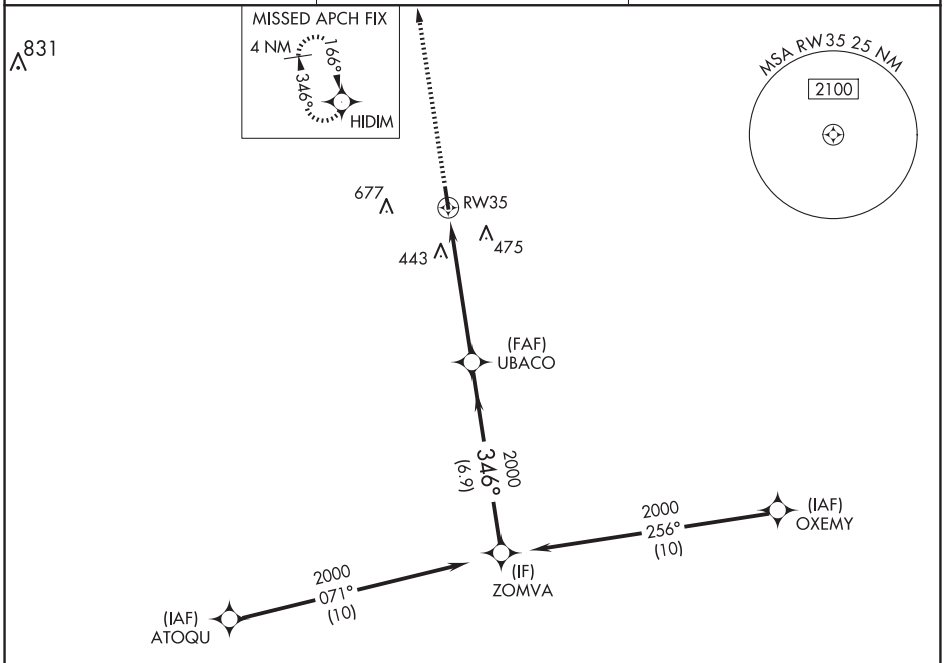
WAAS CH 45729 W35A	APP CRS 346°	Rwy ldg 4280 TDZE 184 Apt Elev 184

RNP APCH.

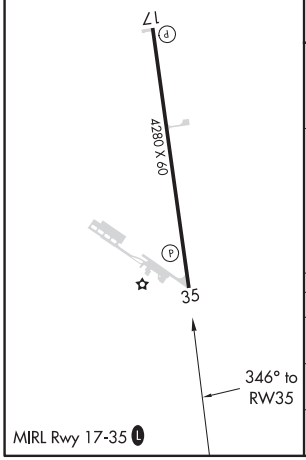
Rwy 35 helicopter visibility reduction below 1 SM NA.
Straight-in and Circling Rwy 35 NA at night.

MISSED APPROACH: Climb to 2000 direct HIDIM and hold.

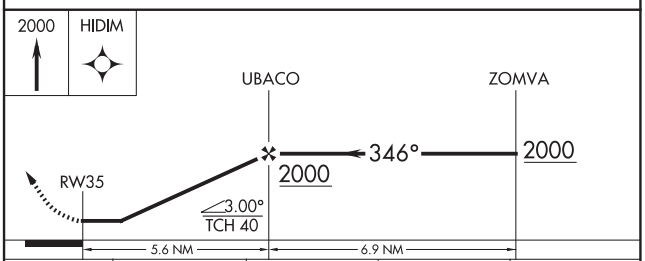
AWOS-3PT	HOUSTON APP CON	CTAF
128.475	124.225 306.975	122.9 L



ELEV 184 TDZE 184



MIRL Rwy 17-35 L



CATEGORY	A	B	C	D
LP MDA	620-1 436 (500-1)		620-1¼ 436 (500-1¼)	NA
LNAV MDA	700-1 516 (600-1)		700-1⅜ 516 (600-1⅜)	NA
C CIRCLING	760-1 576 (600-1)	840-1 656 (700-1)	1040-2½ 856 (900-2½)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

EDNA, TEXAS | AL-6468 (FAA) | 24305

RNAV (GPS) RWY 15
JACKSON COUNTY (26R)

WAAS CH 50148 W15A	APP CRS 147°	Rwy ldg 3393 TDZE 62 Apt Elev 62

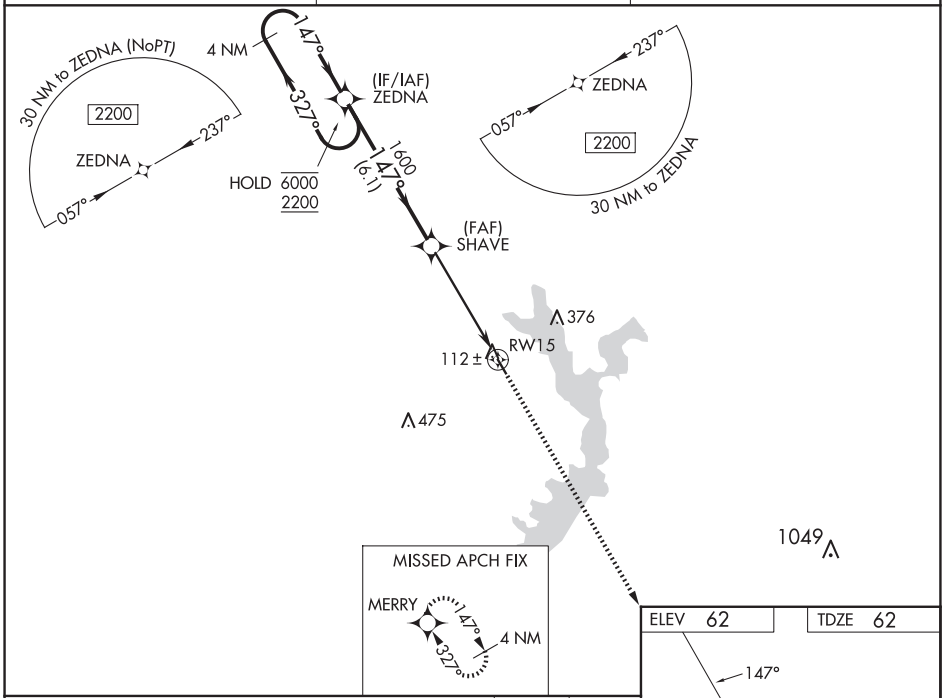
RNP APCH - GPS.

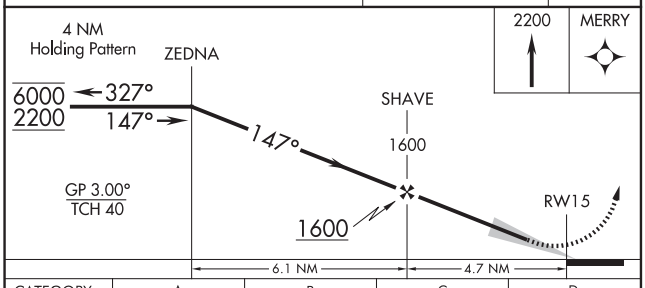
NA

Baro-VNAV NA.
Use VCT altimeter setting, when not received, use PKV altimeter setting.

MISSED APPROACH: Climb to 2200 direct MERRY and hold.

VCT ASOS	HOUSTON CENTER	UNICOM
119.025	135.05 353.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	366-⅞ 304 (400-⅞)		NA	
LNAV/VNAV DA	366-⅞ 304 (400-⅞)		NA	
LNAV MDA	600-1 538 (600-1)		NA	

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 33
JACKSON COUNTY (26R)

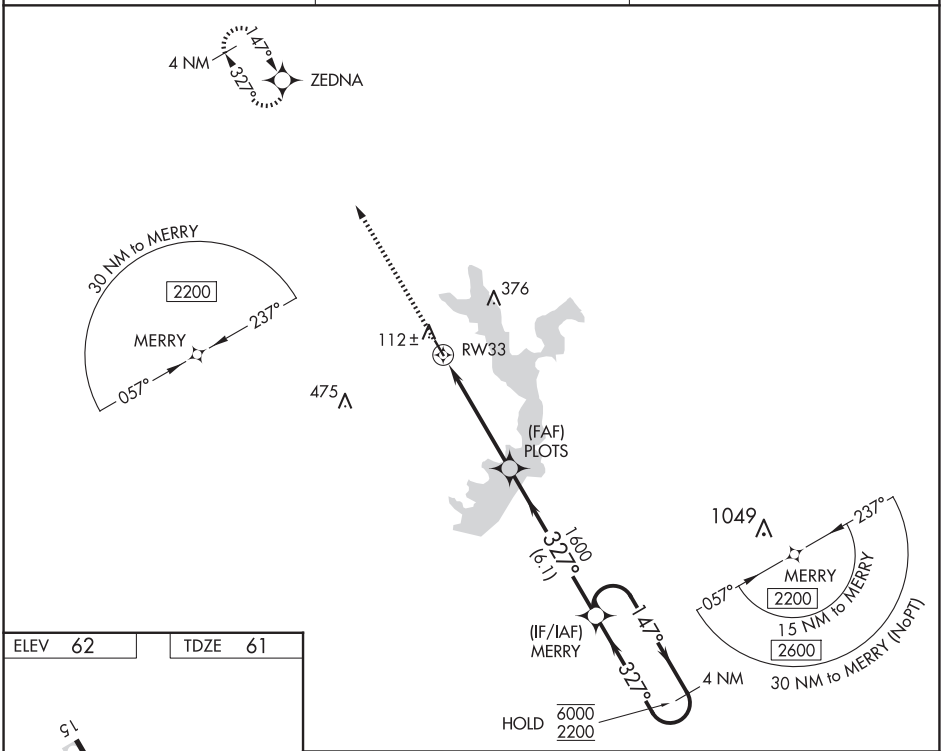
WAAS CH 97348 W33A	APP CRS 327°	Rwy ldg 3393 TDZE 61 Apt Elev 62

RNP APCH - GPS.

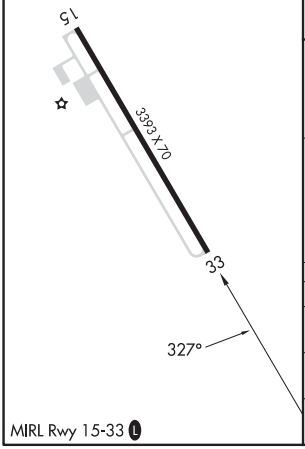
Baro-VNAV NA.
NA Use VCT altimeter setting, when not received, use PKV altimeter setting.

MISSED APPROACH: Climb to 2200 direct ZEDNA and hold.

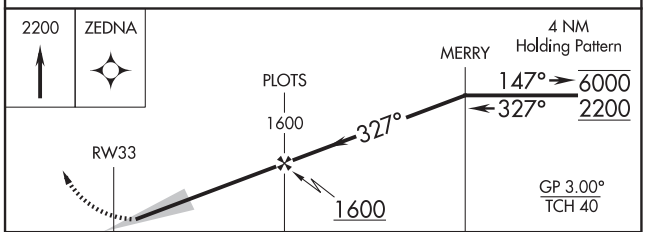
VCT ASOS	HOUSTON CENTER	UNICOM
119.025	135.05 353.6	122.8 (CTAF)



ELEV 62 TDZE 61



MIRL Rwy 15-33



CATEGORY		A	B	C	D
LPV	DA	315-¾	254 (300-¾)	NA	
LNAV/VNAV	DA	365-⅞	304 (400-⅞)	NA	
LNAV	MDA	560-1	499 (500-1)	NA	

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

GALVESTON, TEXAS | AL-164 (FAA) | 25107

ILS or LOC RWY 14
SCHOLES INTL AT GALVESTON (GLS)

LOC I-GLS	APP CRS	Rwy ldg / TDZE / Apt Elev
111.7	138°	6000 / 5 / 6

RADAR required for procedure entry at UCENU.

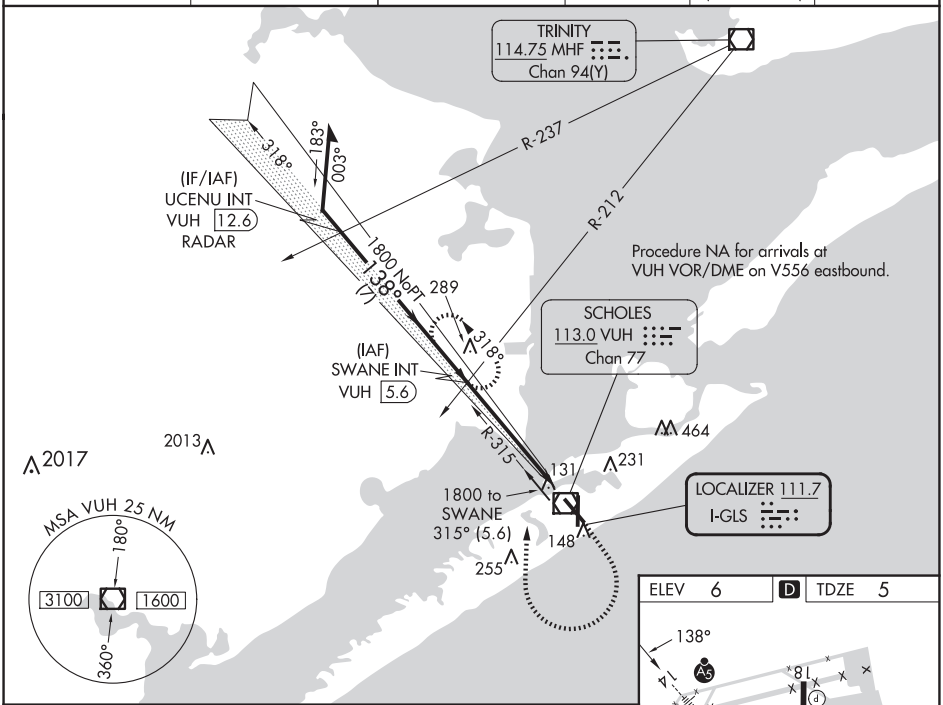
NA

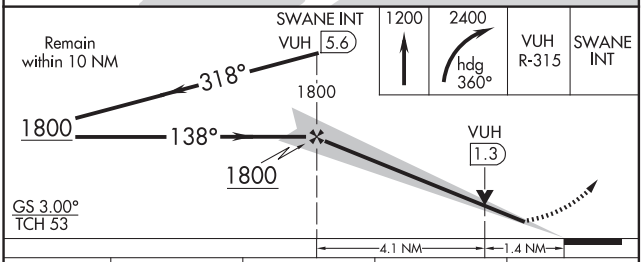
Circling NA east of Rwy 18 and northeast of Rwy 32. For inop ALS, increase S-LOC 14 Cat A and B visibility to 1 SM. DME from VUH VOR/DME. Simultaneous reception of I-GLS and VUH DME required.

MALSR

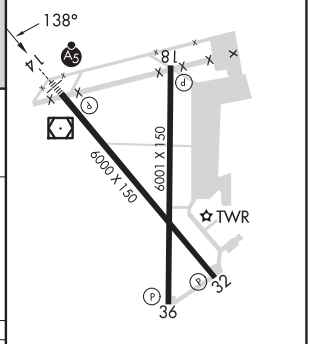
MISSED APPROACH: Climb to 1200 then climbing right turn to 2400 on heading 360° and VUH VOR/DME R-315 to SWANE INT/VUH 5.6 DME and hold, continue climb-in-hold to 2400.

ASOS	HOUSTON APP CON	GALVESTON TOWER ★	GND CON	CLNC DEL	UNICOM
123.95	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When twr closed)	123.05





ELEV 6 | D | TDZE 5



REIL Rwys 18, 32, and 36
MIRL Rwy 18-36
HIRL Rwy 14-32

CATEGORY	A	B	C	D
S-ILS 14	205-½ 200 (200-½)			
S-LOC 14	460-½ 455 (500-½)		460-⅞ 455 (500-⅞)	
CIRCLING	500-1 494 (500-1)	520-1 514 (600-1)	620-1¾ 614 (700-1¾)	620-2 614 (700-2)

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

GALVESTON, TEXAS
Amdt 13A 17APR25

29°16′N-94°52′W

SCHOLES INTL AT GALVESTON (GLS)
ILS or LOC RWY 14

WAAS CH 65606 W14A	APP CRS 138°	Rwy ldg 6000 TDZE 5 Apt Elev 6

RNAV (GPS) RWY 14
SCHOLES INTL AT GALVESTON (GLS)

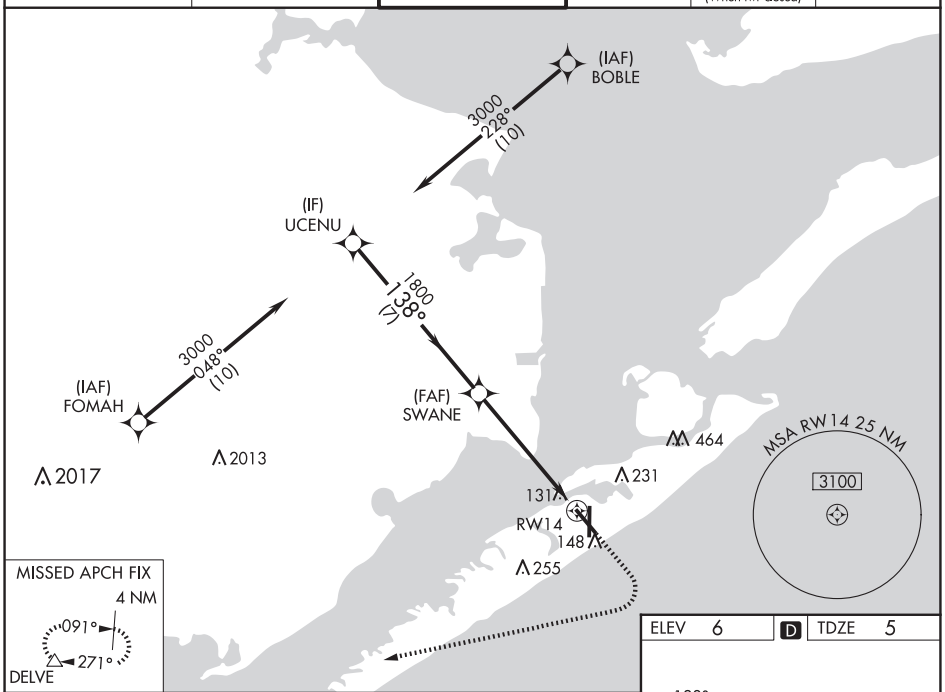
RNP APCH - GPS.

Circling NA east of Rwy 18 and northeast of Rwy 32.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 0°C or above 54°C.

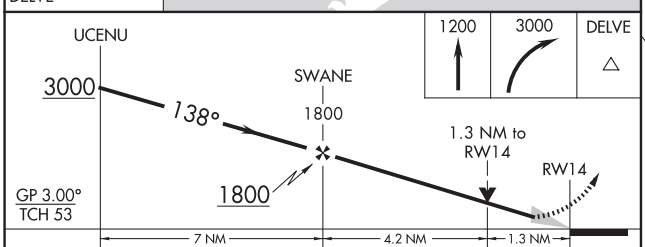
MALSR

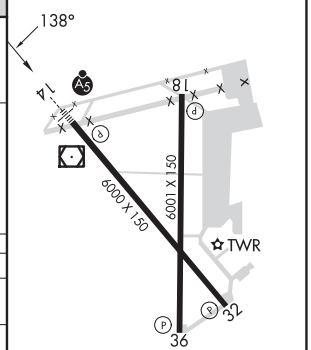
MISSED APPROACH: Climb to 1200 then climbing right turn to 3000 direct DELVE and hold.

ASOS	HOUSTON APP CON	GALVESTON TOWER ★	GND CON	CLNC DEL	UNICOM
123.95	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When twr closed)	123.05



ELEV 6 D TDZE 5





CATEGORY	A	B	C	D
LPV DA	205-½ 200 (200-½)			
LNAV/VNAV DA	342-½ 337 (400-½)			
LNAV MDA	460-½ 455 (500-½)		460-⅞ 455 (500-⅞)	
CIRCLING	500-1 494 (500-1)	520-1 514 (600-1)	620-1¾ 614 (700-1¾)	620-2 614 (700-2)

REIL Rwys 18, 32, and 36
MIRL Rwy 18-36
HIRL Rwy 14-32

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

GALVESTON, TEXAS AL-164 (FAA) 22083

WAAS CH 82301 W18A	APP CRS 179°	Rwy ldg 6001 TDZE 6 Apt Elev 6

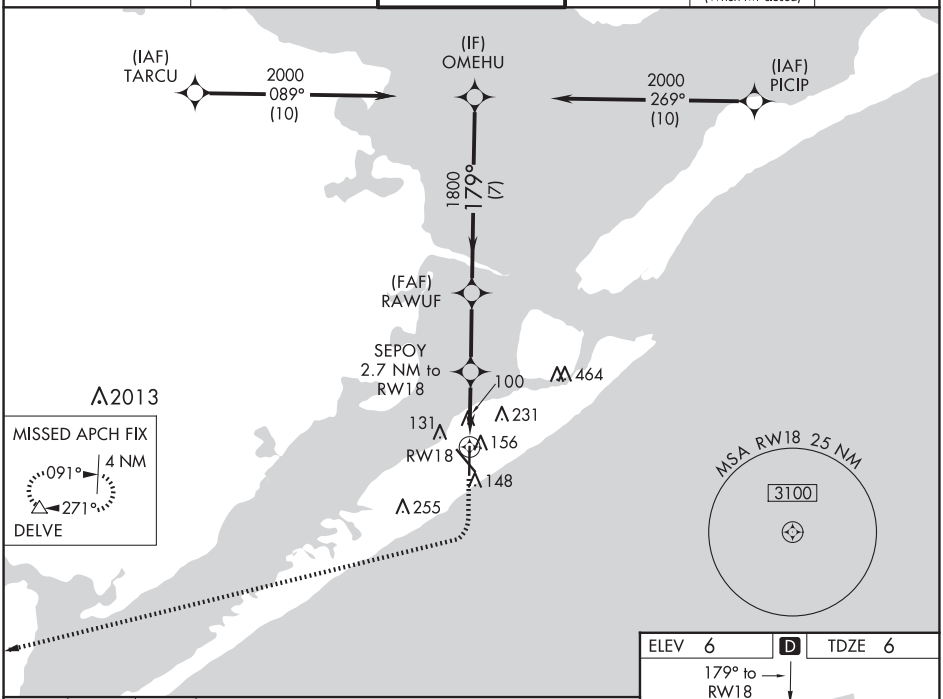
RNAV (GPS) RWY 18
SCHOLES INTL AT GALVESTON (GLS)

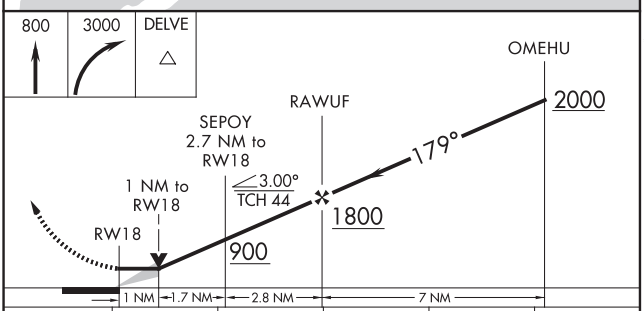
RNP APCH.

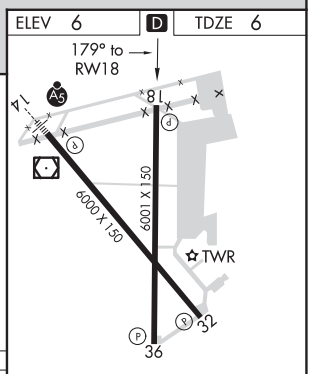
Circling NA east of Rwy 18 and northeast of Rwy 32.

MISSED APPROACH: Climb to 800 then climbing right turn to 3000 direct DELVE and hold.

ASOS	HOUSTON APP CON	GALVESTON TOWER ★	GND CON	CLNC DEL	UNICOM
123.95	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When twr closed)	123.05







CATEGORY	A	B	C	D	E
LP MDA	360-1 354 (400-1)				
LNAV MDA	420-1 414 (500-1)		420-1⅛ 414 (500-1⅛)		
CIRCLING	500-1 494 (500-1)	520-1 514 (600-1)	620-1¾ 614 (700-1¾)	620-2 614 (700-2)	620-2¼ 614 (700-2¼)

REIL Rwys 18, 32 and 36
MIRL Rwy 18-36
HIRL Rwy 14-32

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

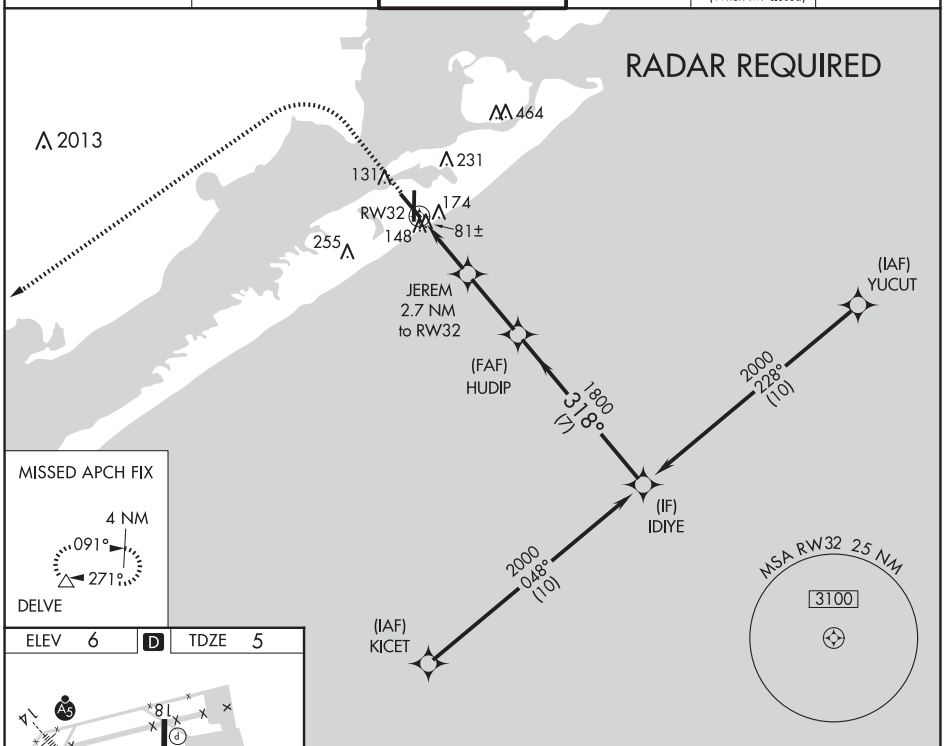
WAAS CH 40101 W32A	APP CRS 318°	Rwy ldg 6000 TDZE 5 Apt Elev 6

RNAV (GPS) RWY 32
SCHOLES INTL AT GALVESTON (GLS)

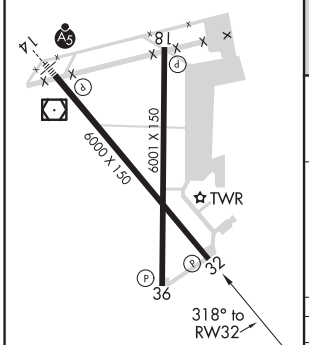
Circling NA east of Rwy 18 and northeast of Rwy 32. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. VDP NA with William P Hobby altimeter setting. When local altimeter setting not received, use William P Hobby altimeter setting; increase all MDA 80 feet. Increase LP Cat C/D/E visibility ⅛ SM, increase LNAV Cat C/D/E visibility ⅛ SM and increase Circling Cat C/D/E visibility ¼ SM.

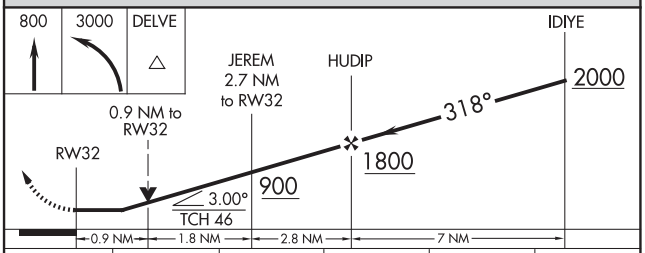
MISSED APPROACH: Climb to 800 then climbing left turn to 3000 direct DELVE and hold.

ASOS	HOUSTON APP CON	GALVESTON TOWER ★	GND CON	CLNC DEL	UNICOM
123.95	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When twr closed)	123.05



ELEV 6 | D | TDZE 5





CATEGORY	A	B	C	D	E
LP MDA	340-1 335 (400-1)				
LNAV MDA	440-1 435 (500-1)		440-1¼ 435 (500-1¼)		
CIRCLING	500-1 494 (500-1)	520-1 514 (600-1)	620-1¾ 614 (700-1¾)	620-2 614 (700-2)	620-2¼ 614 (700-2¼)

REIL Rwys 18, 32 and 36
MIRL Rwy 18-36
HIRL Rwy 14-32

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

GALVESTON, TEXAS AL-164 (FAA) 22083

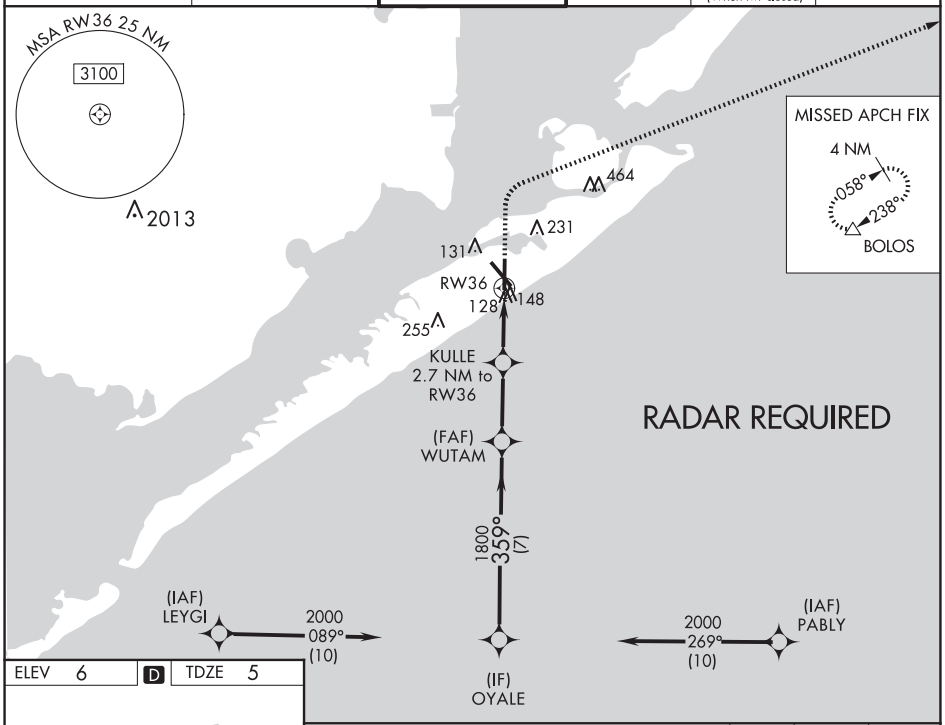
WAAS CH 48831 W36A	APP CRS 359°	Rwy ldg 6001 TDZE 5 Apt Elev 6

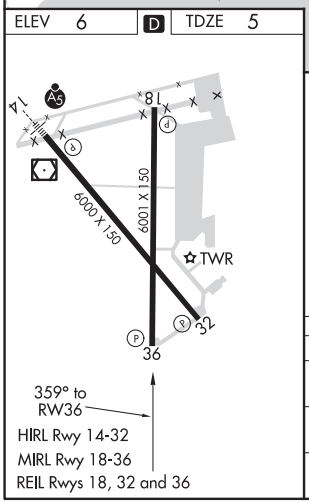
RNAV (GPS) RWY 36
SCHOLES INTL AT GALVESTON (GLS)

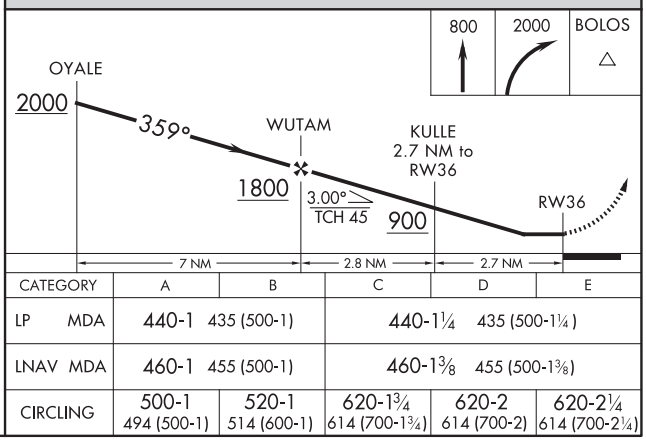
When VGSI inop, Straight-in/Circling Rwy 36 procedure NA at night. Circling NA east of Rwy 18 and northeast of Rwy 32. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use William P Hobby altimeter setting; increase all MDA 80 feet. Increase LP Cat C/D/E visibility ⅛ SM, LNAV Cat C/D/E visibility ⅛ SM and Circling Cat C/D/E visibility ¼ SM.

MISSED APPROACH: Climb to 800 then climbing right turn to 2000 direct BOLOS and hold.

ASOS	HOUSTON APP CON	GALVESTON TOWER ★	GND CON	CLNC DEL	UNICOM
123.95	134.45 284.0	120.575 (CTAF)	118.625	135.35 (When twr closed)	123.05







CATEGORY	A	B	C	D	E
LP MDA	440-1 435 (500-1)		440-1¼ 435 (500-1¼)		
LNAV MDA	460-1 455 (500-1)		460-1⅜ 455 (500-1⅜)		
CIRCLING	500-1 494 (500-1)	520-1 514 (600-1)	620-1¾ 614 (700-1¾)	620-2 614 (700-2)	620-2¼ 614 (700-2¼)

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

VOR/DME VUH	APP CRS	Rwy ldg	6000
113.0	143°	TDZE	5
Chan 77		Apt Elev	6

VOR RWY 14
SCHOLES INTL AT GALVESTON (GLS)

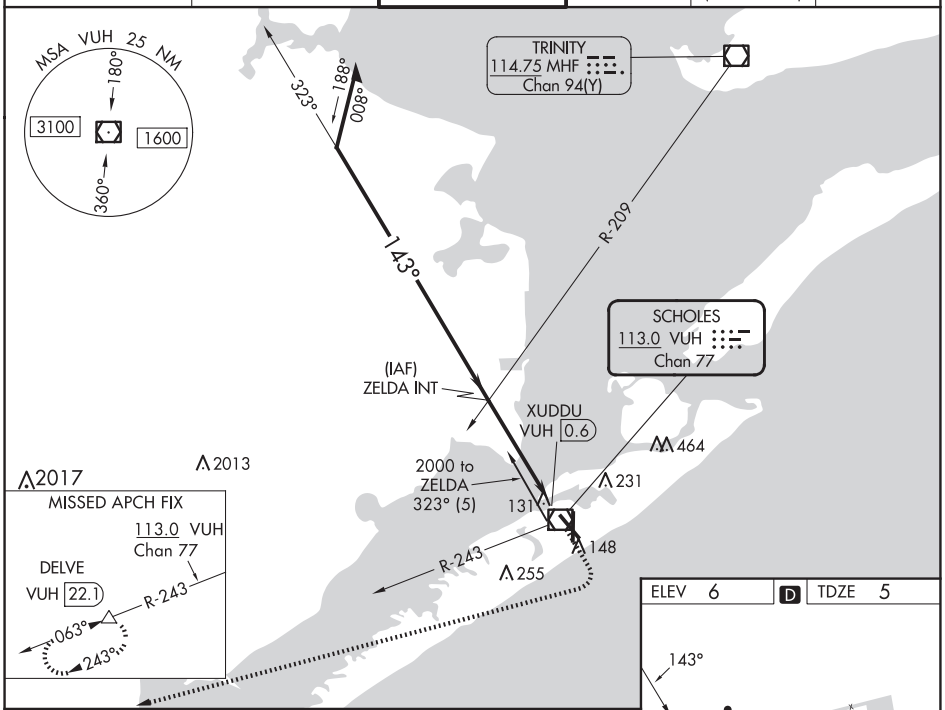
DME and RADAR required.

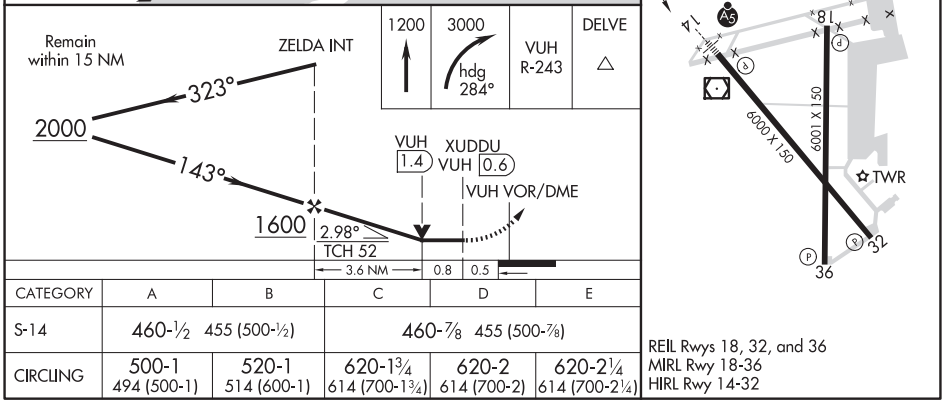
NA
Circling NA east of Rwy 18 and northeast of Rwy 32.

MALSR

MISSED APPROACH: Climb to 1200 then climbing right turn to 3000 on heading 284° and VUH VOR/DME R-243 to DELVE/22.1 DME and hold.

ASOS	HOUSTON APP CON	GALVESTON TOWER ★	GND CON	CLNC DEL	UNICOM
123.95	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When twr closed)	123.05





CATEGORY	A	B	C	D	E
S-14	460-½ 455 (500-½)		460-⅞ 455 (500-⅞)		
CIRCLING	500-1 494 (500-1)	520-1 514 (600-1)	620-1¾ 614 (700-1¾)	620-2 614 (700-2)	620-2¼ 614 (700-2¼)

REIL Rwys 18, 32, and 36
MIRL Rwy 18-36
HIRL Rwy 14-32

SC-5, 12 JUN 2025 to 07 AUG 2025

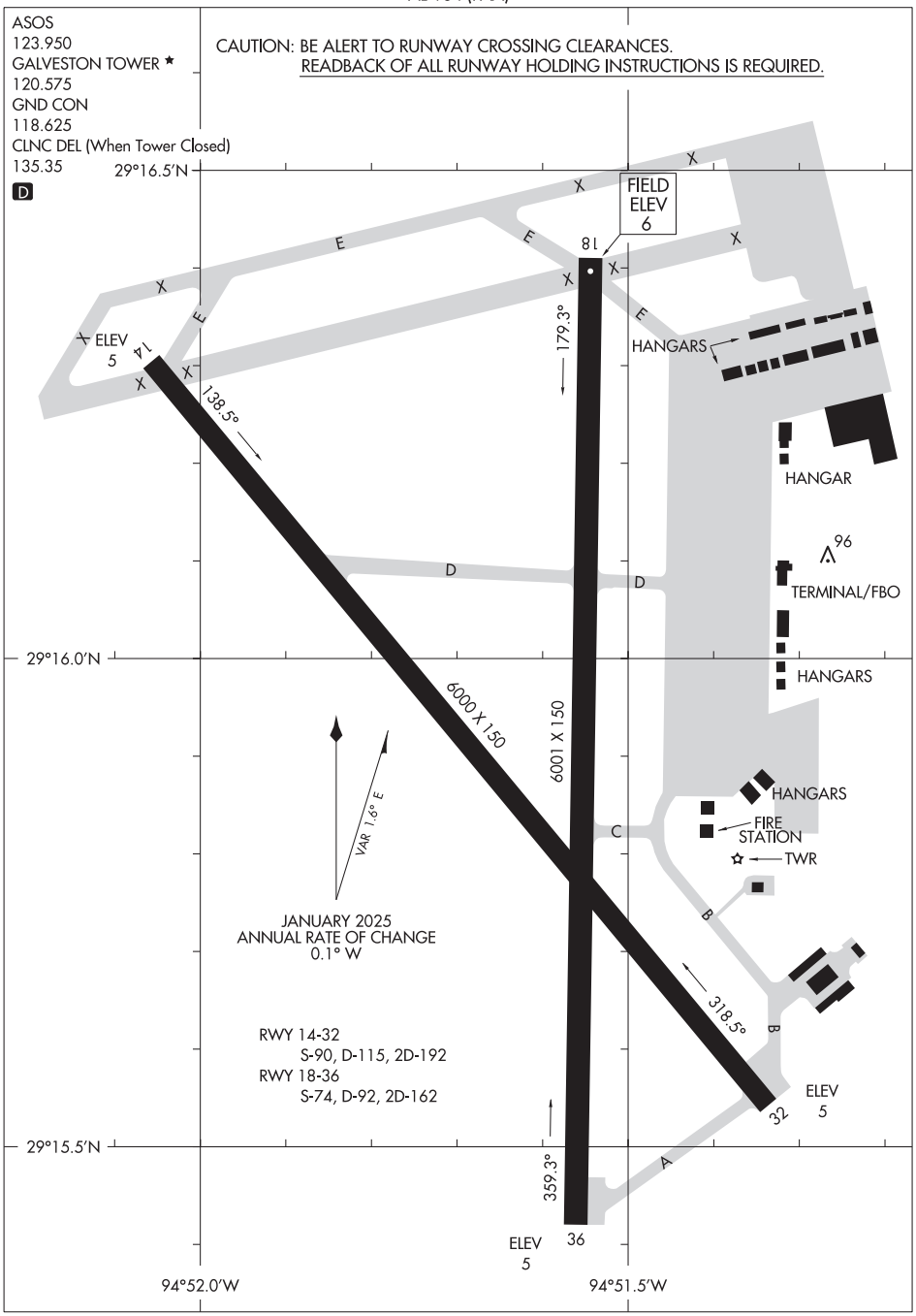
SC-5, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-164 (FAA)

SCHOLES INTL AT GALVESTON (GLS)
GALVESTON, TEXAS

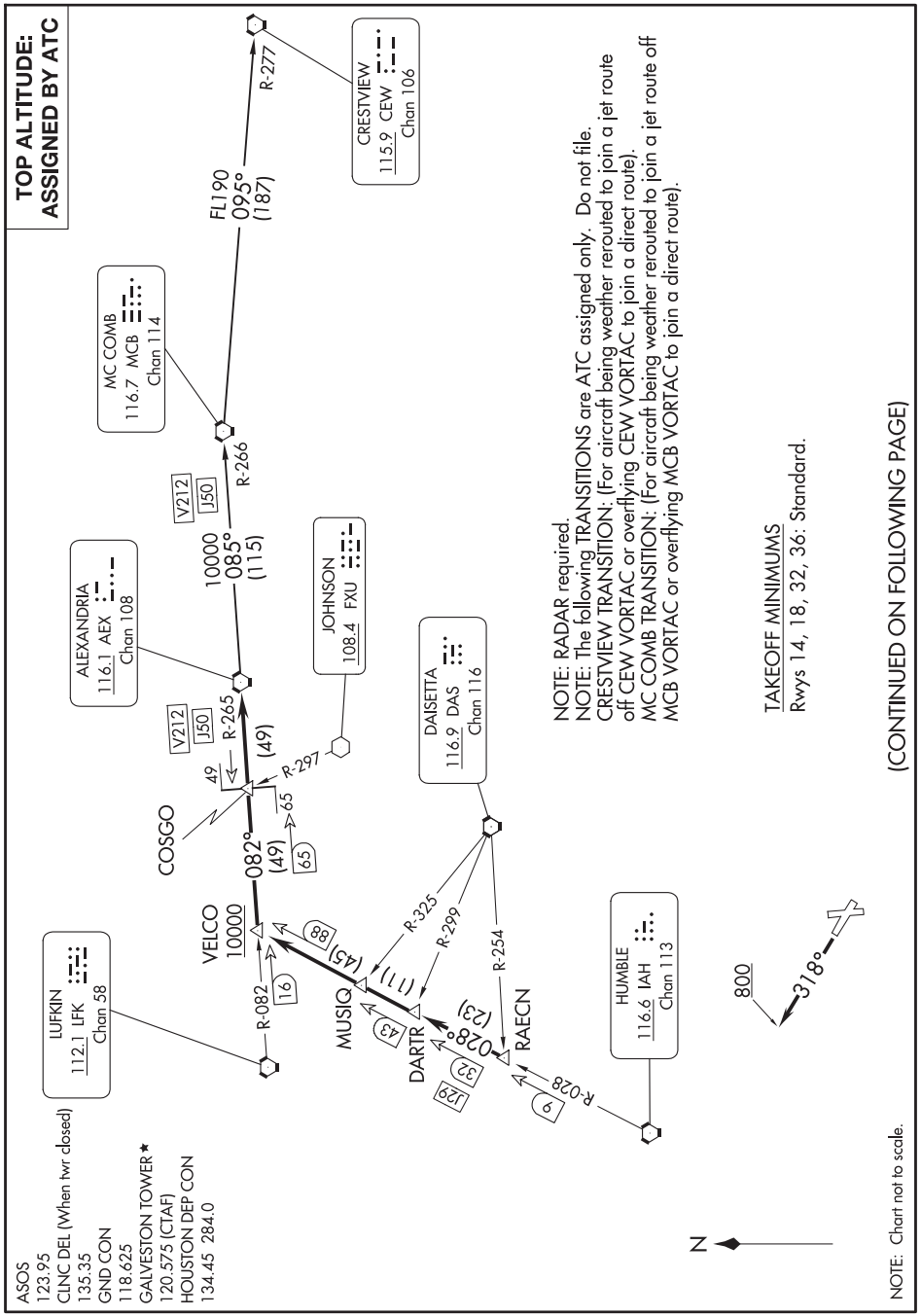


SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
GALVESTON, TEXAS
SCHOLES INTL AT GALVESTON (GLS)

ALEXANDRIA THREE DEPARTURE



SC-5, 12 JUN 2025 to 07 AUG 2025

ALEXANDRIA THREE DEPARTURE

ALEXANDRIA THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 14, 18, 36: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 32: Climb on heading 318° to 800 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . . on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

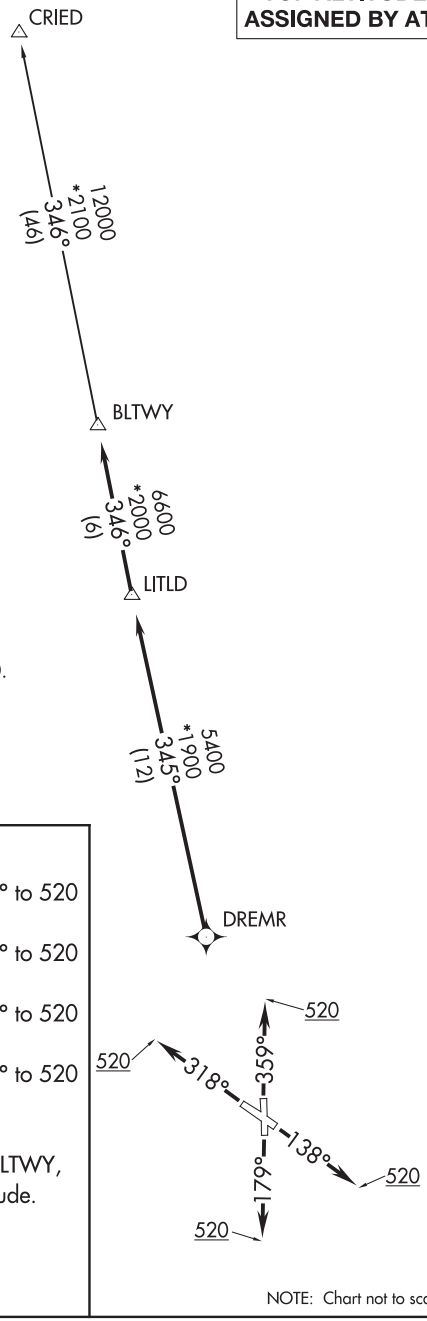
CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

BLTWY SEVEN DEPARTURE (RNAV)

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER *
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36:
Standard with minimum climb of 500′ per NM to 520.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

(BORRN6.BORRN) 25051 AL-164 (FAA) SCHOLES INTL AT GALVESTON (GLS)

BORRN SIX DEPARTURE (RNAV)

GALVESTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

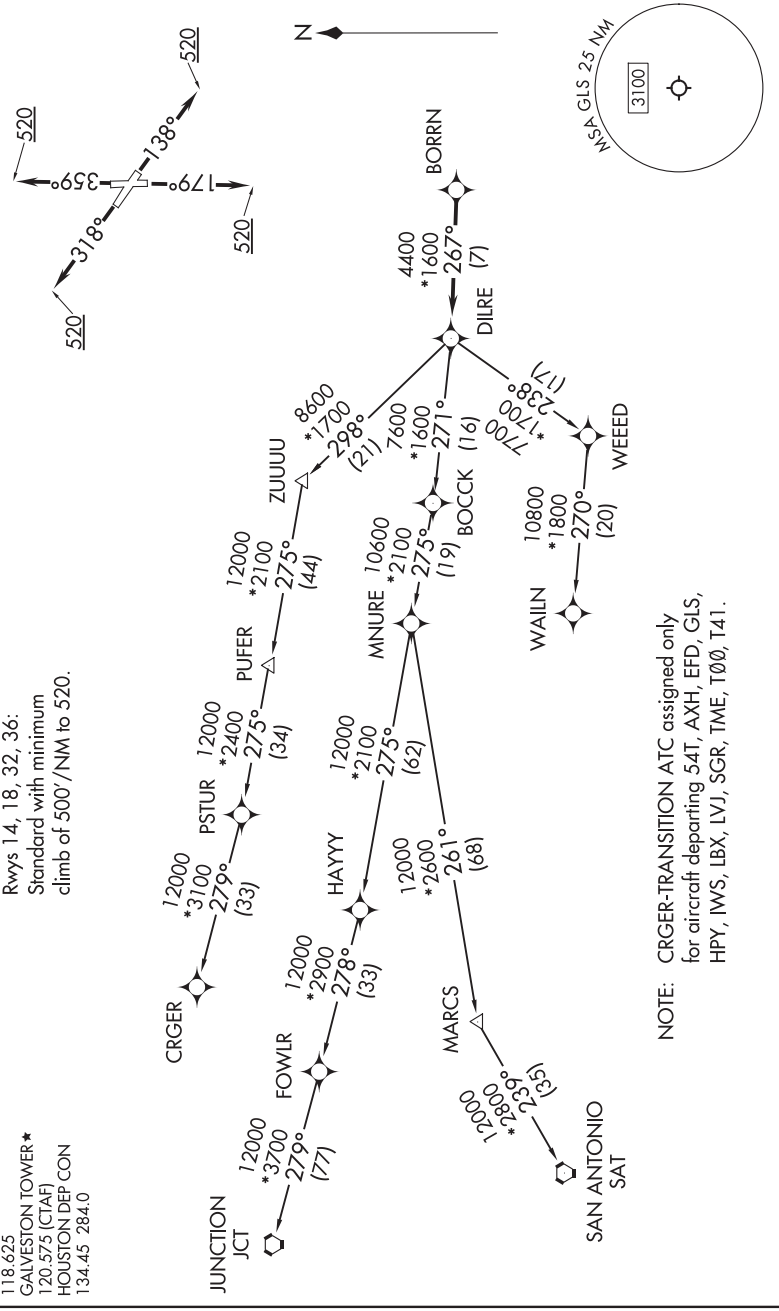
RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TAKEOFF MINIMUMS

Rwys 14, 18, 32, 36:
Standard with minimum climb of 500'/NM to 520.

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0



NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

GALVESTON, TEXAS

(BORRN6.BORRN) 30NOV23 SCHOLES INTL AT GALVESTON (GLS)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025

(CRIED1.CRIED) 24193

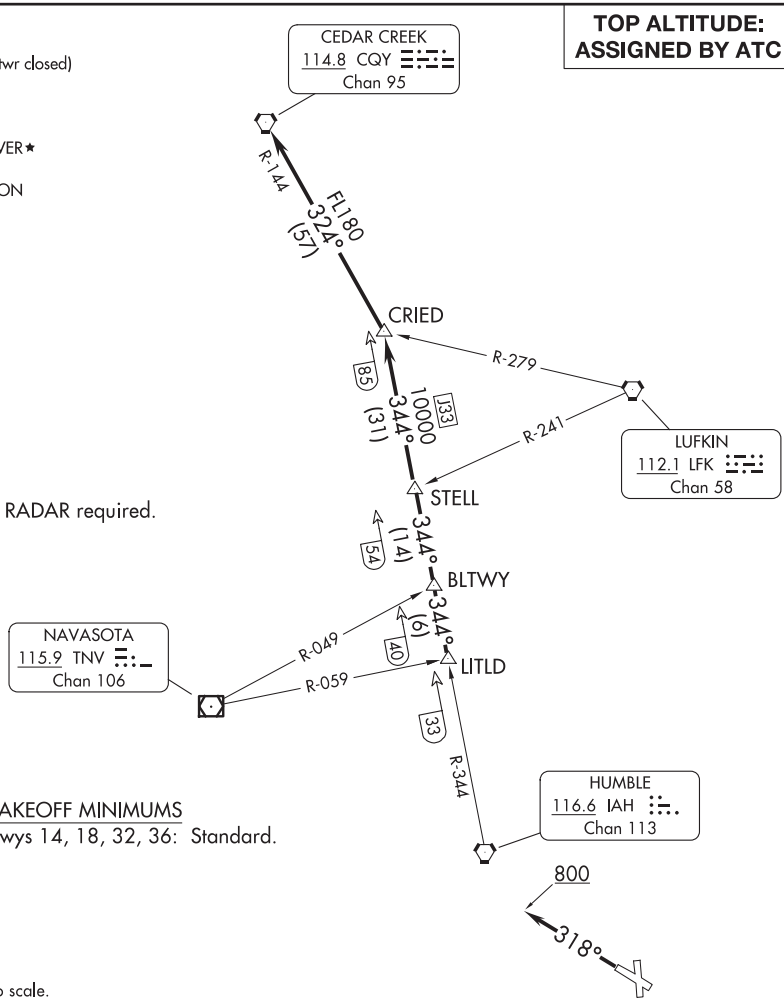
CRIED ONE DEPARTURE

AL-164 (FAA)

SCHOLES INTL AT GALVESTON (GLS)
GALVESTON, TEXAS

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 14, 18, 36: When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 800 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

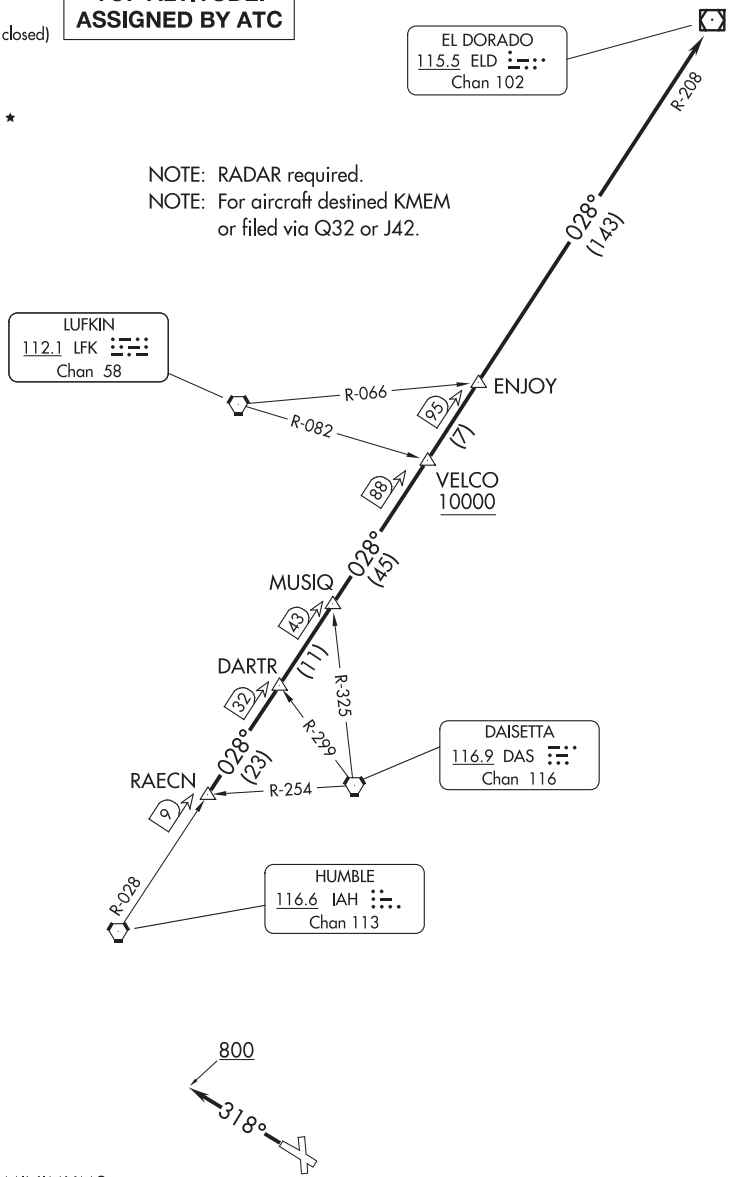
SC-5, 12 JUN 2025 to 07 AUG 2025

EL DORADO ONE DEPARTURE

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.



TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 14, 18, 36: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 32: Climb on heading 318° to 800 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

GIFFA ONE DEPARTURE

AL-164 (FAA)

ASOS
123.95
CLNC DEL (when twr closed)
135.35
GND CON
118.625
GALVESTON TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.

CEDAR CREEK
114.8 CQY
Chan 95

R-128

GIFFA
10000

85

LEONA
110.8 LOA
Chan 45

R-059

358°
(44)

R-121

BUMCO

41

358°
(10)

MONNT

31

DAISETTA
116.9 DAS
Chan 116

R-292

R-358

HUMBLE
116.6 IAH
Chan 113

800

318°

TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 14, 18, 36: When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT, maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure. Thence . . . .

TAKEOFF RUNWAY 32: Climb on heading 318° to 800 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

HOODO SEVEN DEPARTURE (RNAV)
(HOODO7.HOODO) 07OCT21

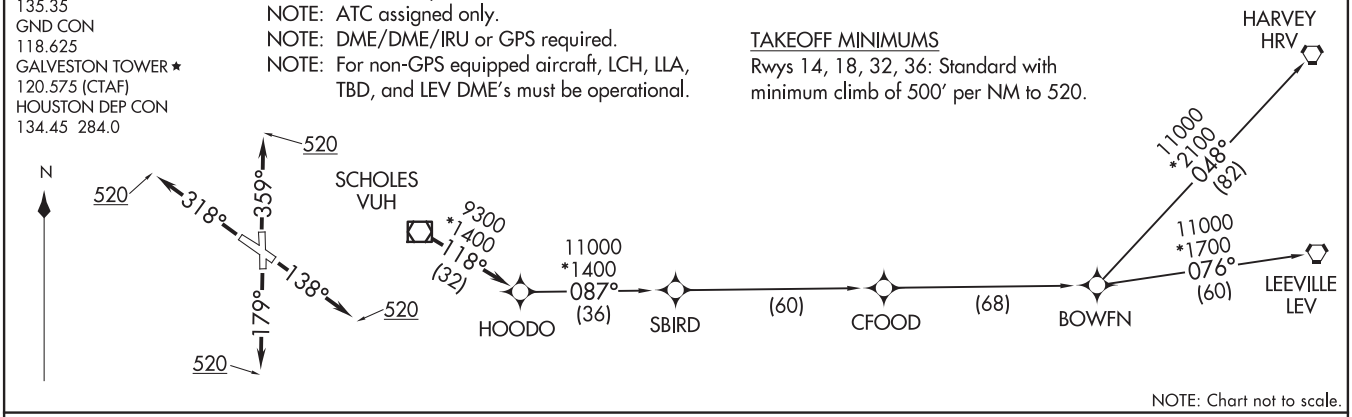
GALVESTON, TEXAS
SCHOLES INTL AT GALVESTON (GLS)

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard with minimum climb of 500′ per NM to 520.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(HOODO7.HOODO) 22307
HOODO SEVEN DEPARTURE (RNAV)

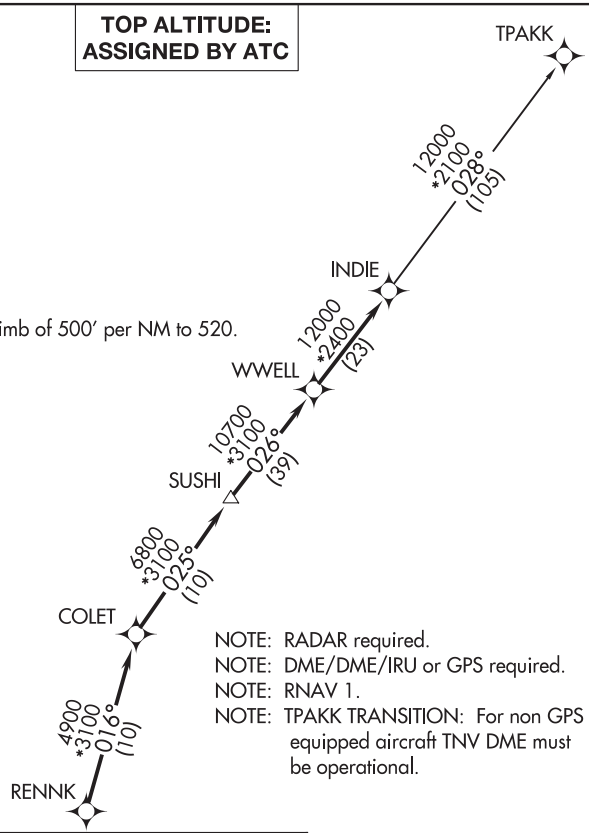
SCHOLES INTL AT GALVESTON (GLS)
GALVESTON, TEXAS

INDIE EIGHT DEPARTURE (RNAV)

ASOS
123.95
CLNC DEL
135.35 (when twr closed)
GND CON
118.625
GALVESTON TOWER★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36:
Standard with minimum climb of 500′ per NM to 520.



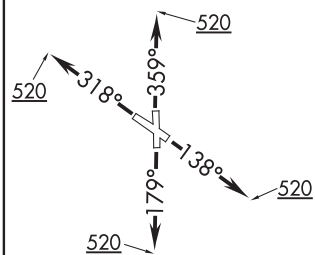
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)



NOTE: Chart not to scale.

(KARRR7.KARRR) 22363

KARRR SEVEN DEPARTURE (RNAV) AL-164 (FAA)

SCHOLES INTL AT GALVESTON (GLS)
GALVESTON, TEXAS

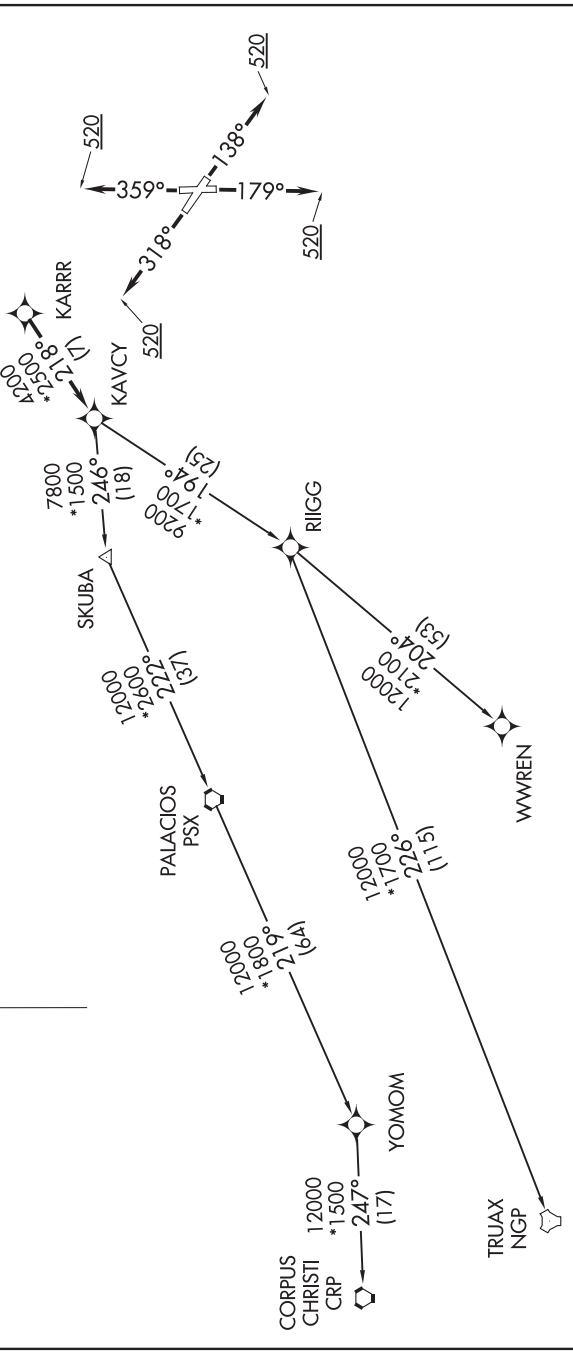
TOP ALTITUDE: ASSIGNED BY ATC

RNAV-1 DME/DME/IRU or GPS.

RADAR required.

TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard with minimum climb of 500' per NM to 520.

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)
(KARRR7.KARRR) 29DEC22
GALVESTON, TEXAS
SCHOLES INTL AT GALVESTON (GLS)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

(LOA4.LOA) 24137

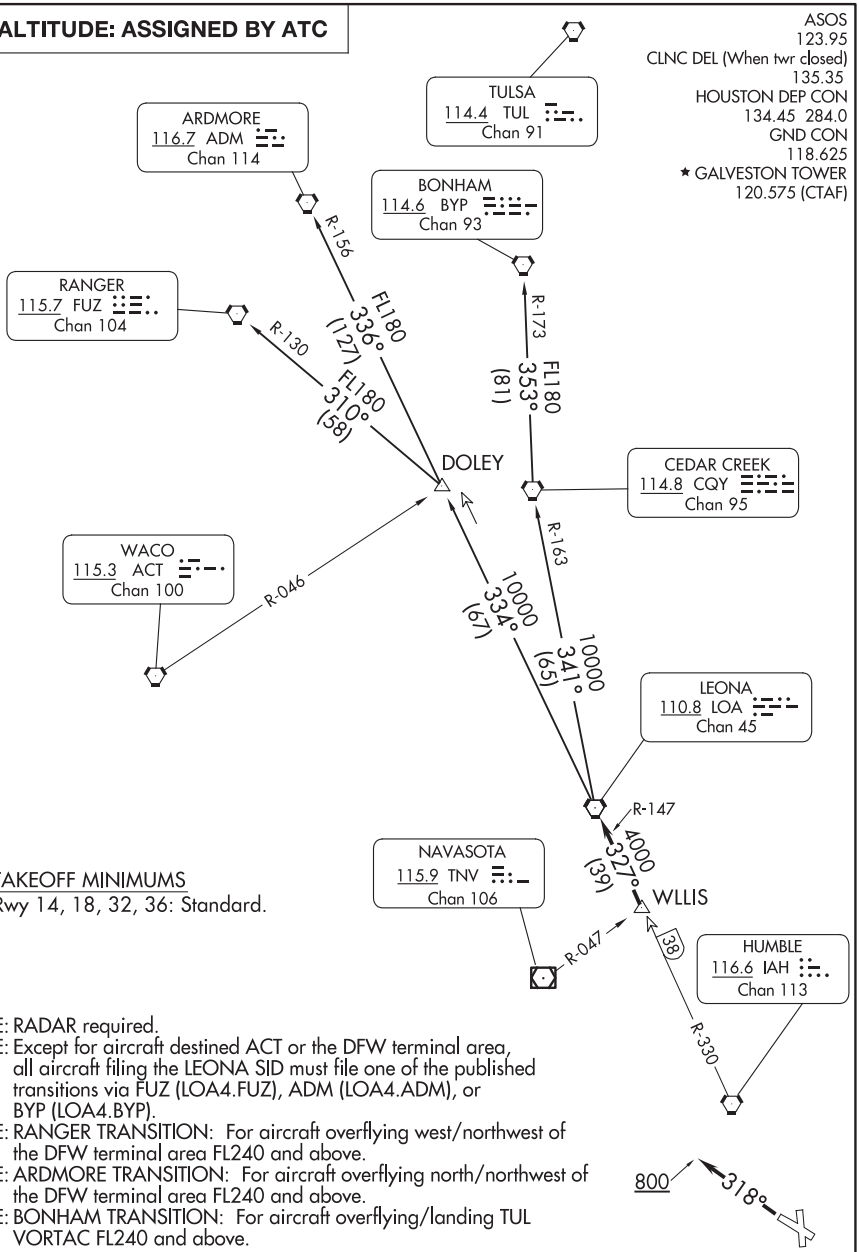
LEONA FOUR DEPARTURE

AL-164 (FAA)

SCHOLES INTL AT GALVESTON (GLS)
GALVESTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
123.95
CLNC DEL (When twr closed)
135.35
HOUSTON DEP CON
134.45 284.0
GND CON
118.625
★ GALVESTON TOWER
120.575 (CTAF)



TAKEOFF MINIMUMS
Rwy 14, 18, 32, 36: Standard.

NOTE: RADAR required.
NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).
NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.
NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.
NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 14, 18, 36: When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 32: Climb on heading 318° to 800 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LFK3.LFK) 24137 AL-164 (FAA) SCHOLES INTL AT GALVESTON (GLS)

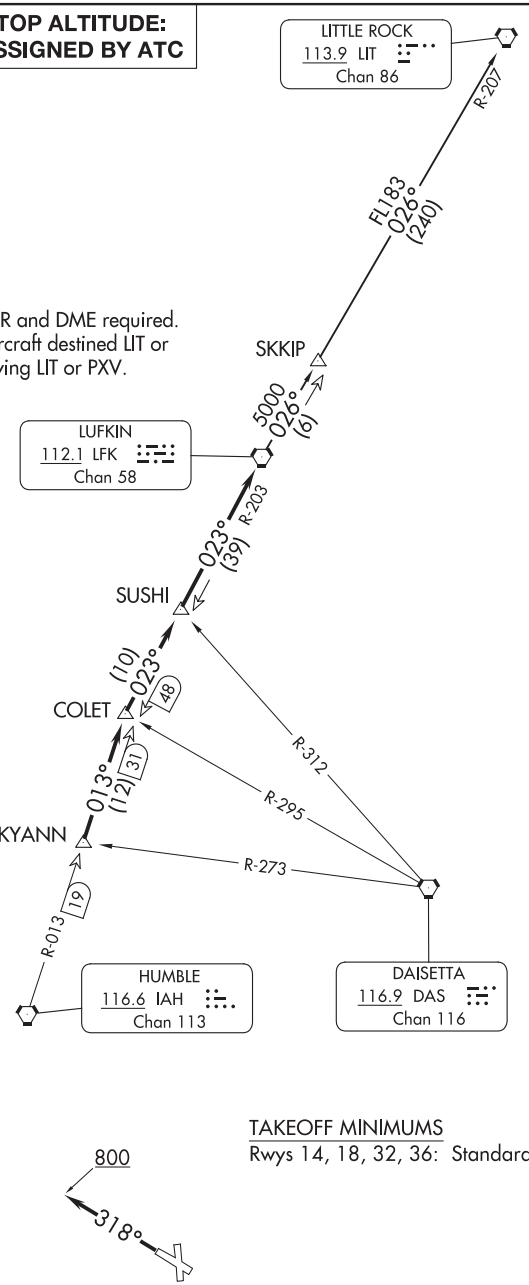
LUFKIN THREE DEPARTURE

GALVESTON, TEXAS

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.



TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 14, 18, 36: When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 32: Climb on heading 318° to 800 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

(LURIC8.LURIC) 22307 AL-164 (FAA)

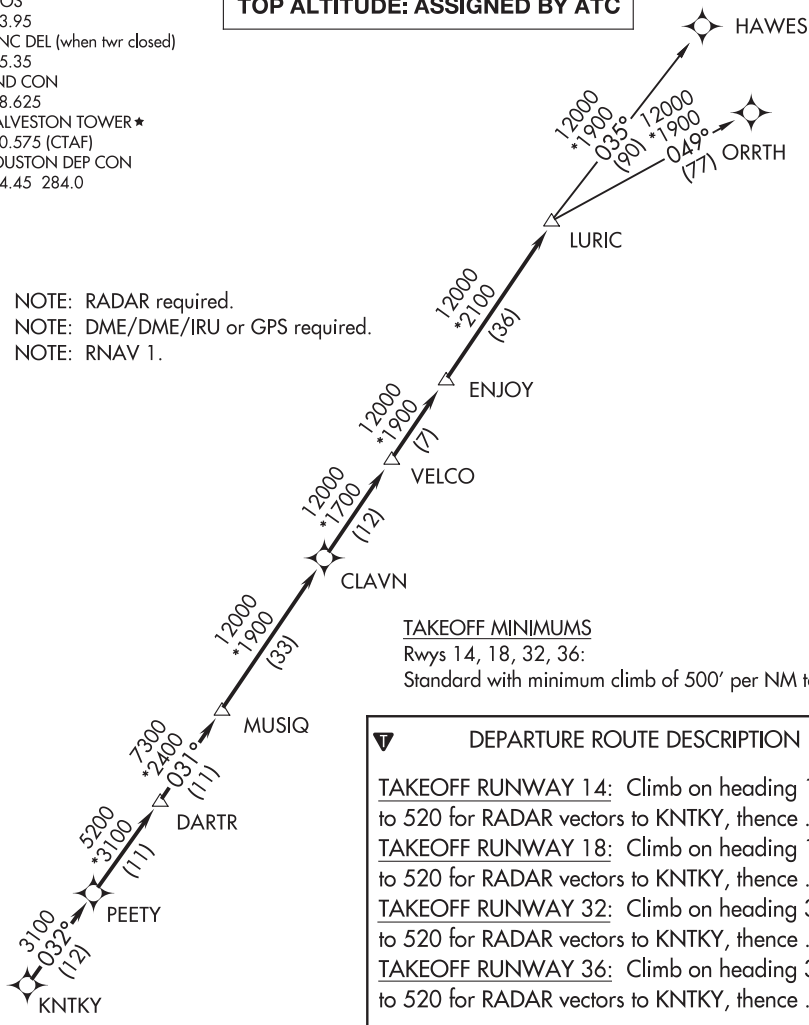
LURIC EIGHT DEPARTURE (RNAV)

SCHOLES INTL AT GALVESTON (GLS)
GALVESTON, TEXAS

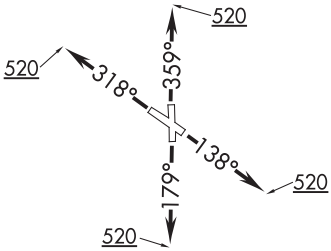
TOP ALTITUDE: ASSIGNED BY ATC

ASOS
123.95
CLNC DEL (when twr closed)
135.35
GND CON
118.625
GALVESTON TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

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



TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36:
Standard with minimum climb of 500′ per NM to 520.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

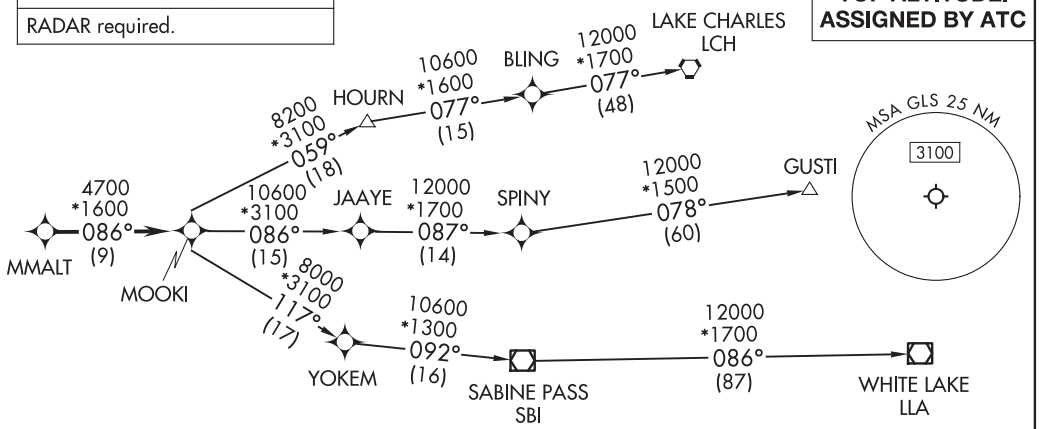
SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON DEP CON
134.45 284.0
ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER*
120.575 (CTAF)

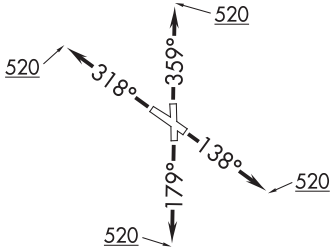
RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.



TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard with minimum climb of 500'/NM to 520.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520, for RADAR vectors to MMALT, thence. . . .

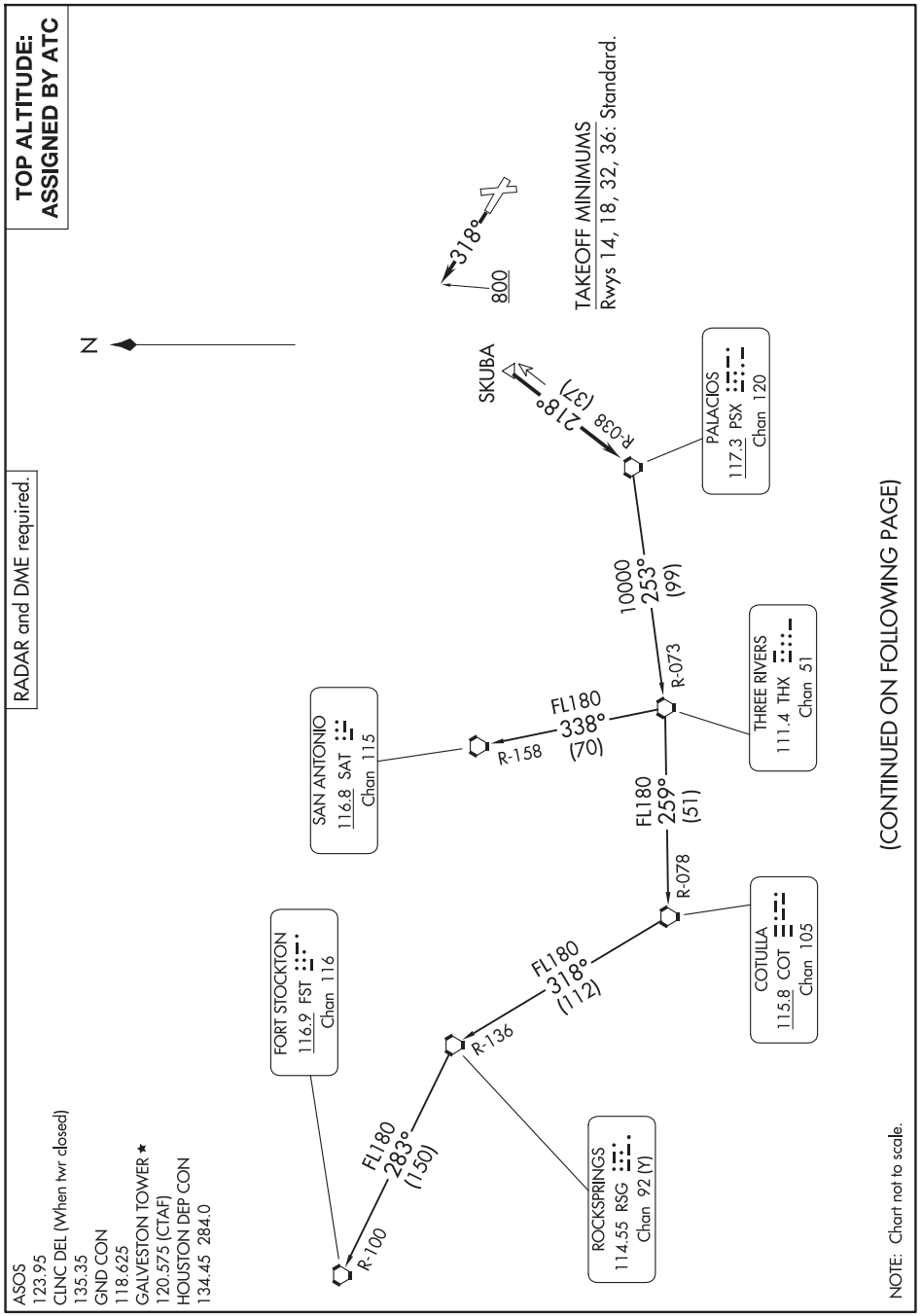
. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

(PSX3.PSX) 24137 AL-164 (FAA) SCHOLES INTL AT GALVESTON (GLS)

PALACIOS THREE DEPARTURE

GALVESTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS THREE DEPARTURE

(PSX3.PSX) 03NOV22 GALVESTON, TEXAS SCHOLES INTL AT GALVESTON (GLS)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 14, 18, 36: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 32: Climb on heading 318° to 800 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(STRYA8.STRYA) 22307 AL-164 (FAA)

STRYA EIGHT DEPARTURE (RNAV)

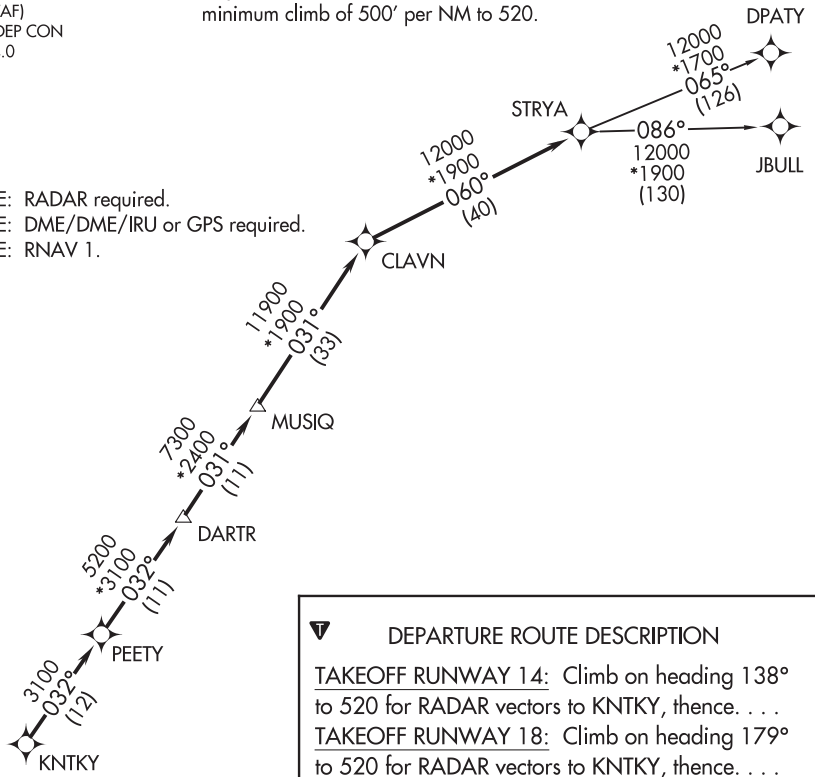
SCHOLES INTL AT GALVESTON (GLS)
GALVESTON, TEXAS

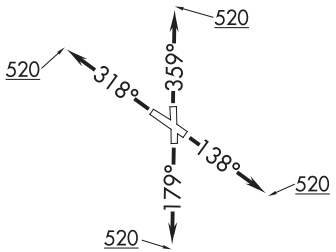
TOP ALTITUDE: ASSIGNED BY ATC

ASOS
123.95
CLNC DEL (when twr closed)
135.35
GND CON
118.625
GALVESTON TOWER *
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard with minimum climb of 500' per NM to 520.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025

STYCK EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

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

WTSON
DOLEY
12000
*2000
339°
(67)
12000
*2100
346°
(65)
STYCK
12000
*1900
332°
(39)
WLLIS
6400
*2000
331°
(17)
SPICR
3000
*2000
331°
(12)
BBYSE

TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard with minimum climb of 500′ per NM to 520.

520
318°
359°
138°
179°
520
520
520

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

(WATFO6.WATFO) 23222

WATFO SIX DEPARTURE (RNAV)

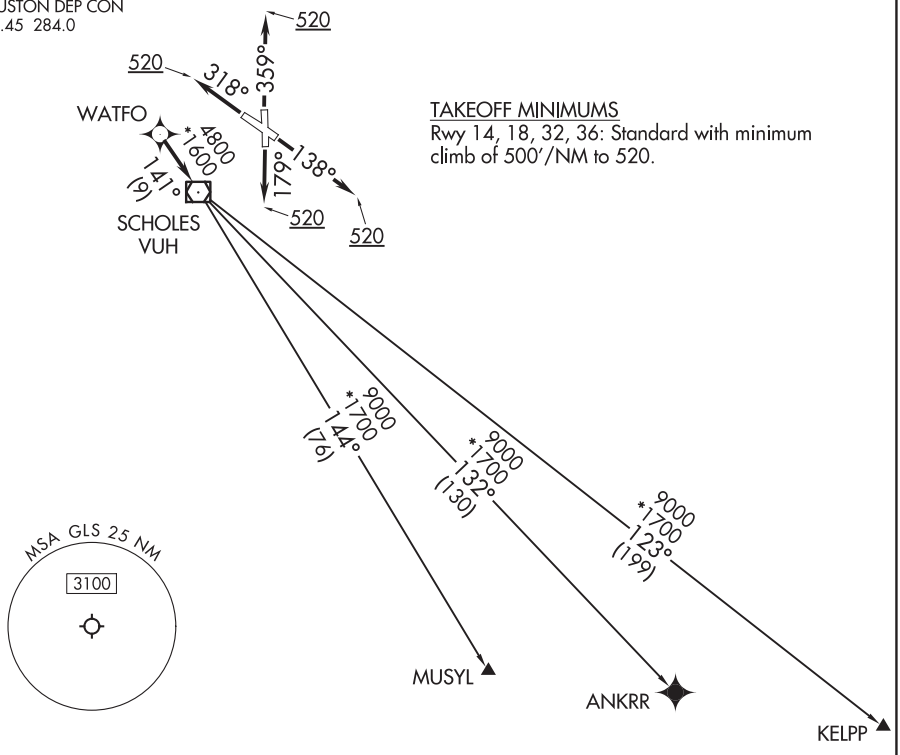
AL-164 (FAA)

SCHOLES INTL AT GALVESTON (GLS)
GALVESTON, TEXAS

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

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

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwy 14, 18, 32, 36: Standard with minimum climb of 500'/NM to 520.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

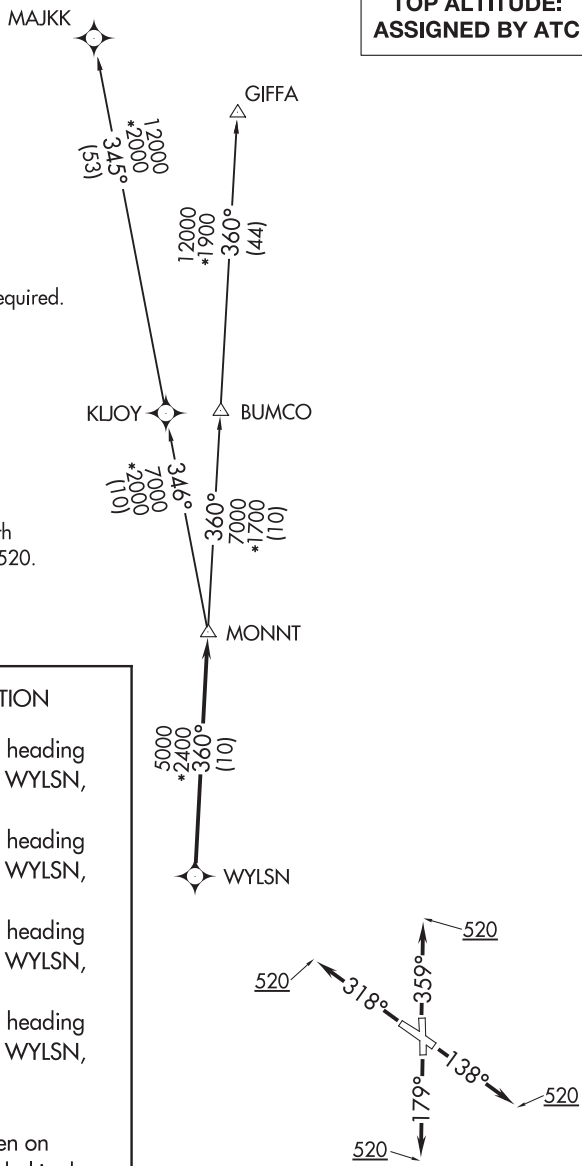
WYLSN EIGHT DEPARTURE (RNAV)

ASOS
123.95
CLNC DEL (When twr closed)
135.35
GND CON
118.625
GALVESTON TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

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

TAKEOFF MINIMUMS
Rwys 14, 18, 32, 36: Standard with minimum climb of 500′ per NM to 520.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to 520 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 18: Climb on heading 179° to 520 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 318° to 520 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 359° to 520 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

GIDDINGS, TEXAS

AL-6499 (FAA)

25051

APP CRS	Rwy ldg	4000
168°	TDZE	484
	Apt Elev	484

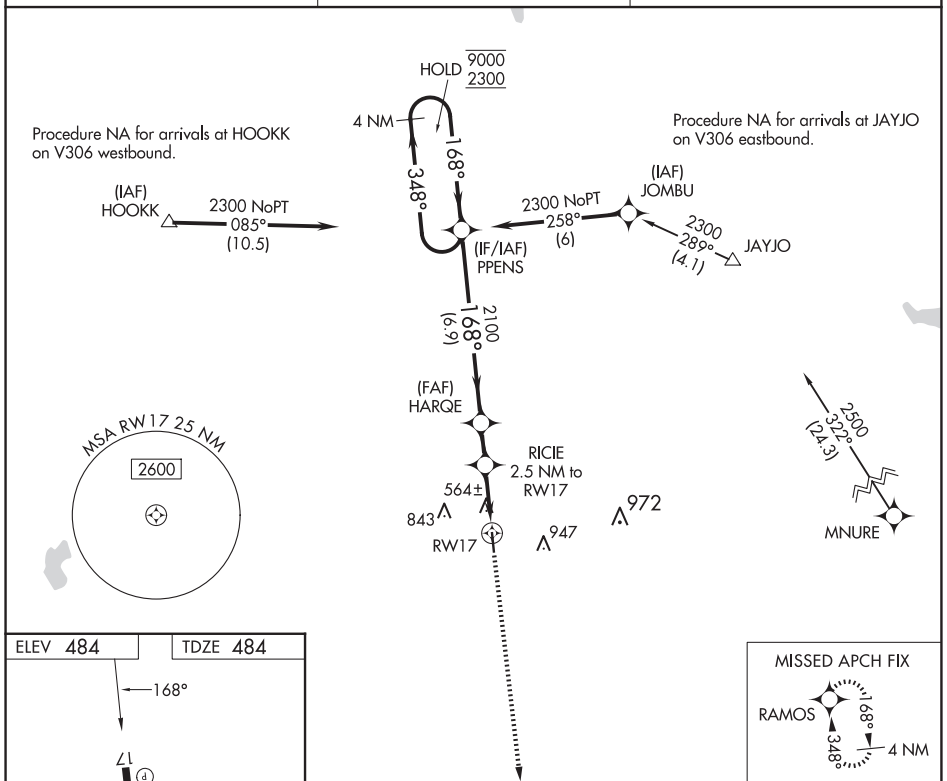
RNAV (GPS) RWY 17
GIDDINGS-LEE COUNTY (GYB)

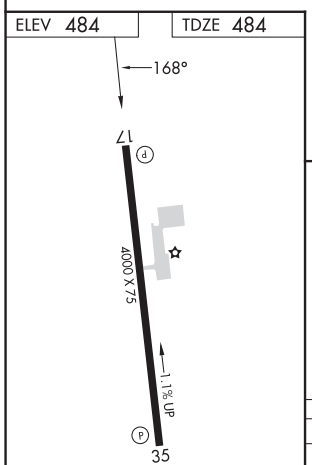
RNP APCH - GPS.

Procedure NA at night. Rwy 17 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use AUS altimeter setting and increase all MDAs 100 feet and LNAV visibility Cat C ¼ SM, and Circling visibility Cat C ¼ SM.

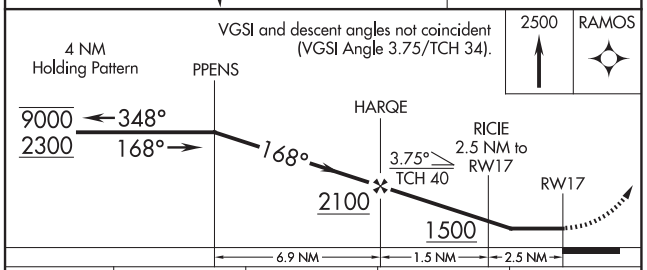
MISSED APPROACH: Climb to 2500 direct RAMOS and hold.

AWOS-3	AUSTIN APP CON	UNICOM
119.225	127.225 317.65	123.05 (CTAF)





MIRL Rwy 17-35



CATEGORY	A	B	C	D
LNAV MDA	820-1 336 (400-1)			NA
CIRCLING	880-1 396 (400-1)	1160-1 676 (700-1)	1240-2¼ 756 (800-2¼)	NA

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SC-5, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy ldg	4000
348°	TDZE	473
	Apt Elev	484

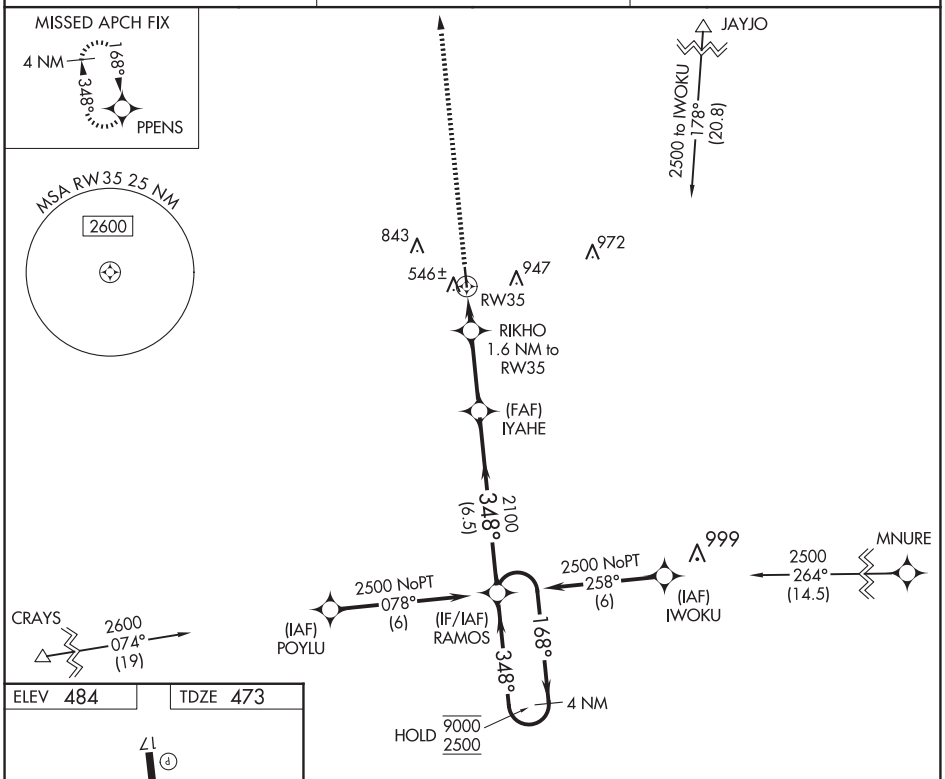
RNAV (GPS) RWY 35
GIDDINGS-LEE COUNTY (GYB)

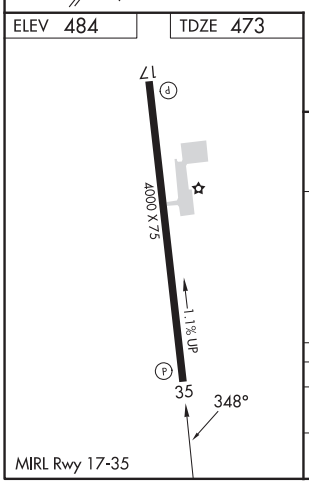
RNP APCH - GPS.

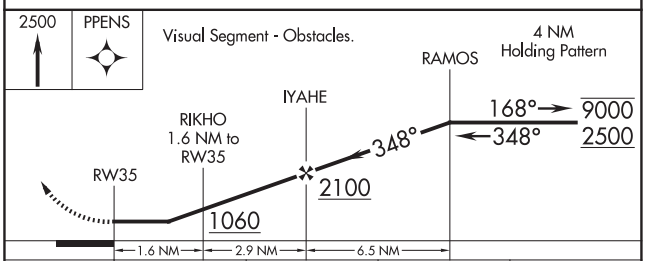
Rwy 35 helicopter visibility reduction below 1 SM NA. Procedure NA at night.
When local altimeter setting not received, use AUS altimeter setting and increase all MDAs 100 feet and LNAV visibility Cat C ¼ SM, and Circling visibility Cat C ¼ SM.

MISSED APPROACH: Climb to 2500 direct PPENS and hold.

AWOS-3	AUSTIN APP CON	UNICOM
119.225	127.225 317.65	123.05 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	800-1 327 (400-1)			NA
CIRCLING	880-1 396 (400-1)	1160-1 676 (700-1)	1240-2¼ 756 (800-2¼)	NA

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HEARNE, TEXAS AL-10602 (FAA) 23166

RNAV (GPS) RWY 18
HEARNE MUNI (LHB)

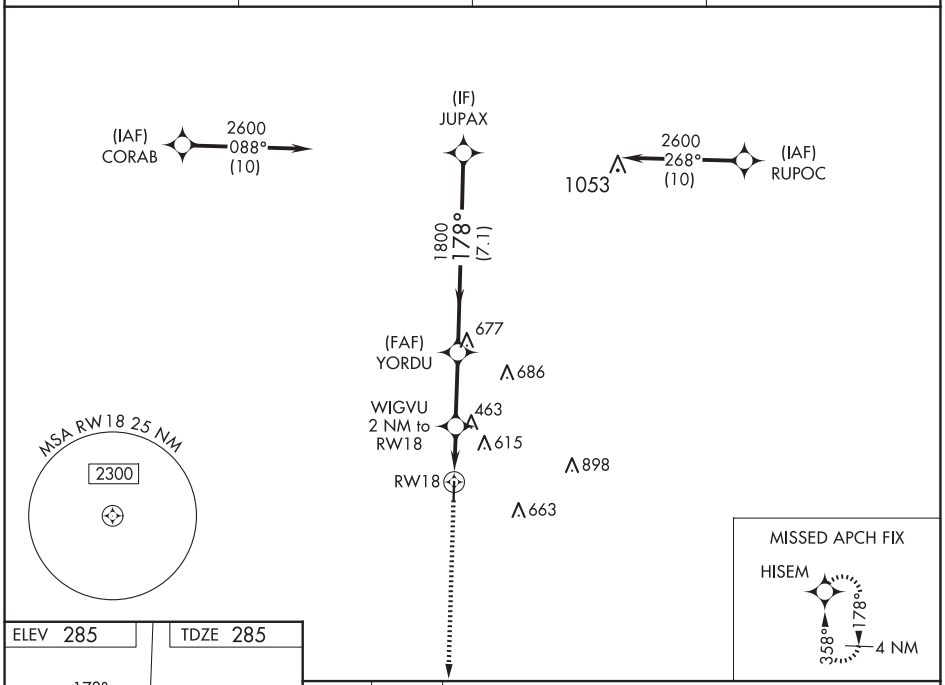
WAAS CH 50522 W18A	APP CRS 178°	Rwy ldg 4001 TDZE 285 Apt Elev 285

RNP APCH.

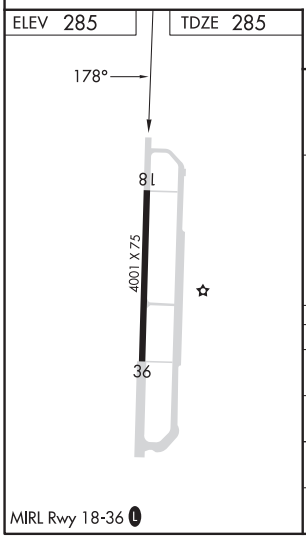
Baro-VNAV and VDP NA when using College Station altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

MISSED APPROACH: Climb to 2100 direct HISEM and hold.

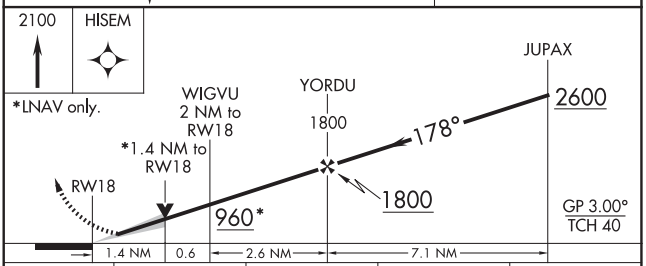
AWOS-3	HOUSTON APP CON	CTAF	
118.675	134.3 360.85	122.9	123.3 L



ELEV 285 TDZE 285



MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LPV DA	485-¾ 200 (200-¾)			NA
LNAV/VNAV DA	583-1 298 (300-1)			NA
LNAV MDA	780-1 495 (500-1)		780-1⅜ 495 (500-1⅜)	NA
CIRCLING	800-1 515 (600-1)	920-1 635 (700-1)	1020-2 735 (800-2)	NA

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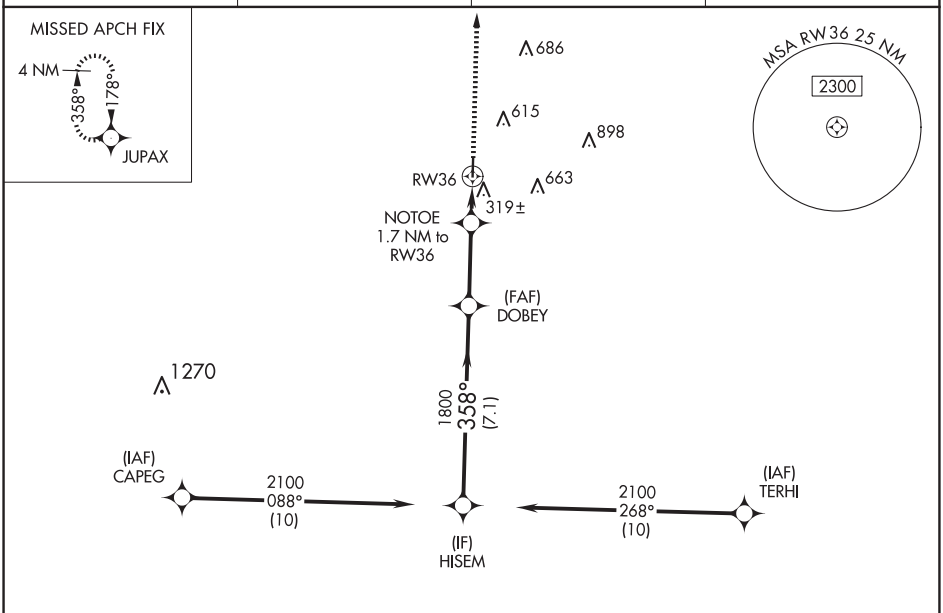
WAAS CH 87122 W36A	APP CRS 358°	Rwy ldg 4001 TDZE 284 Apt Elev 285

RNAV (GPS) RWY 36
HEARNE MUNI (LHB)

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. When local altimeter setting not received, use College Station altimeter setting and increase all DA 55 feet and all MDA 60 feet. Increase LPV, LNAV/VNAV all Cats and LNAV Cat C visibility ⅛ mile. Increase Circling Cat C visibility ¼ mile. Baro-VNAV and VDP NA when using College Station altimeter setting.

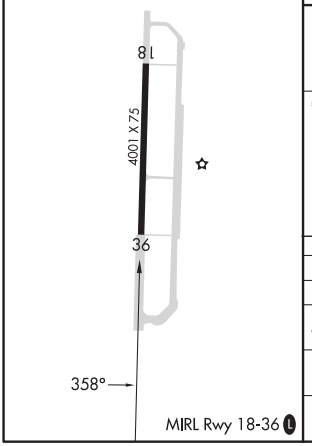
MISSED APPROACH: Climb to 2600 direct JUPAX and hold.

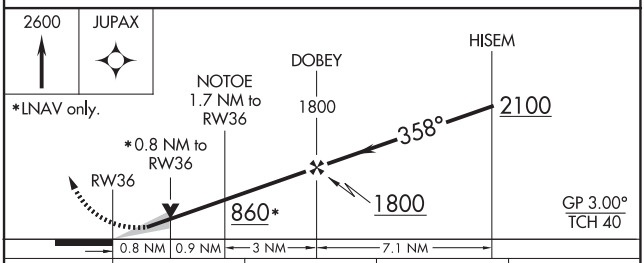
AWOS-3	HOUSTON APP CON	CTAF	
118.675	134.3 360.85	122.9	123.3 L



RADAR REQUIRED

ELEV 285 TDZE 284





CATEGORY	A	B	C	D
LPV DA	484-¾ 200 (200-¾)			NA
LNAV/VNAV DA	534-⅞ 250 (300-⅞)			NA
LNAV MDA	580-1 296 (300-1)		580-⅞ 296 (300-⅞)	NA
CIRCLING	800-1 515 (600-1)	920-1 635 (700-1)	1020-2 735 (800-2)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS | AL-5573 (FAA) | 21336

ILS or LOC RWY 14
CONROE/NORTH HOUSTON RGNL (CXO)

LOC/DME I-CXO	APP CRS	Rwy ldg	7501
108.7	140°	TDZE	236
Chan 24		Apt Elev	245

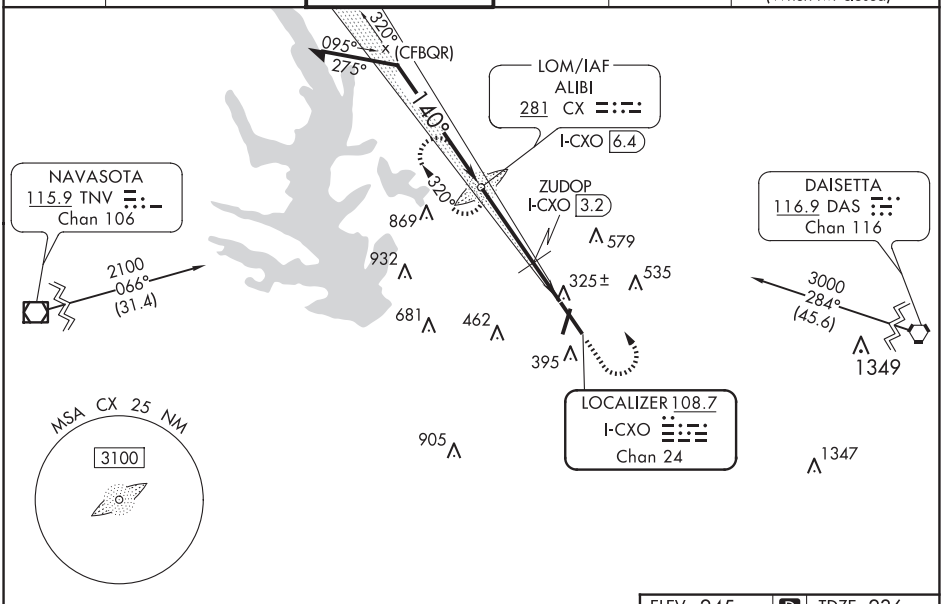
ADF required.

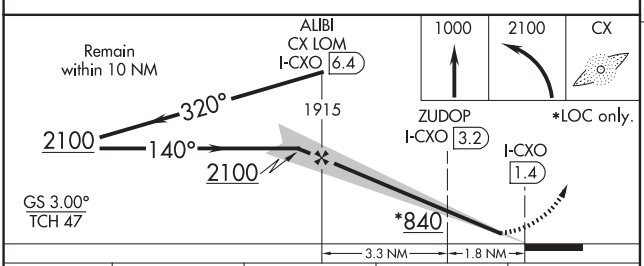
NA

MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 2100 direct ALIBI LOM/I-CXO 6.4 DME and hold.

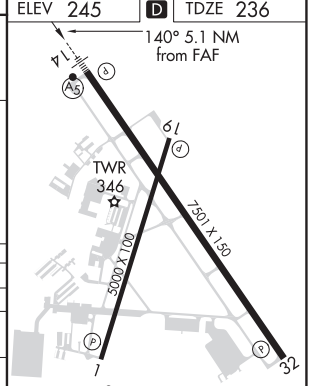
ATIS	HOUSTON APP CON	CONROE TOWER ★	GND CON	CLNC DEL	CLNC DEL
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55 (When twr closed)





CATEGORY	A	B	C	D
S-ILS 14	436-½ 200 (200-½)			
S-LOC 14	840-½ 604 (600-½)		840-1⅜ 604 (600-1⅜)	
C CIRCLING	840-1 595 (600-1)		880-1¾ 635 (700-1¾)	960-2¼ 715 (800-2¼)
ZUDOP FIX MINIMUMS				
S-LOC 14	640-½ 404 (400-½)		640-¾ 404 (400-¾)	
C CIRCLING	700-1 455 (500-1)		880-1¾ 635 (700-1¾)	960-2¼ 715 (800-2¼)

ELEV 245 | D | TDZE 236



FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

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SC-5, 12 JUN 2025 to 07 AUG 2025

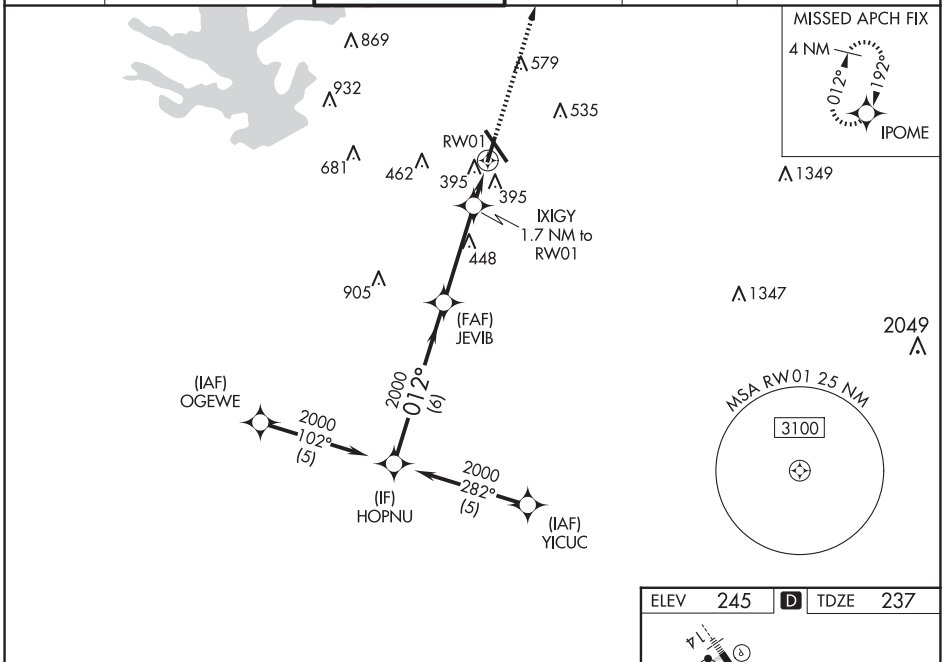
WAAS CH 86719 W01A	APP CRS 012°	Rwy ldg 5000 TDZE 237 Apt Elev 245

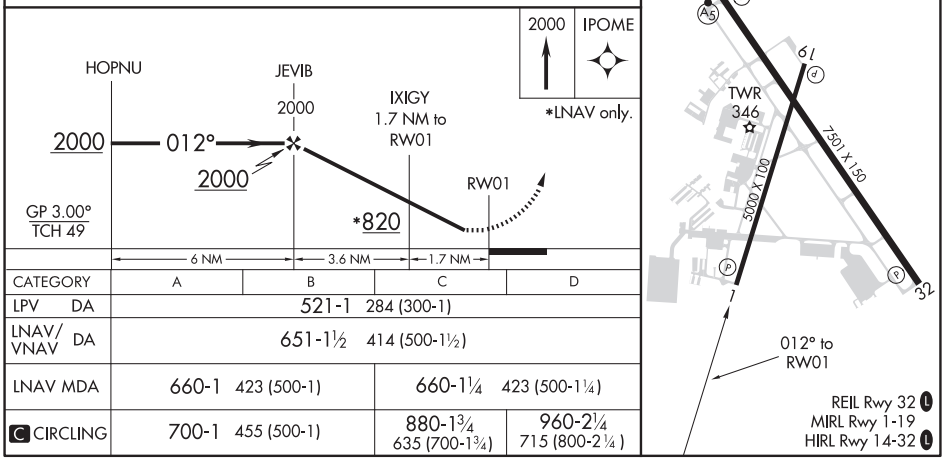
RNAV (GPS) RWY 1
CONROE/NORTH HOUSTON RGNL (CXO)

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. Rwy 1 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2000 direct IPOME and hold.

ATIS	HOUSTON APP CON	CONROE TOWER*	GND CON	CLNC DEL	CLNC DEL (When twr closed)
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55





CATEGORY	A	B	C	D
LPV DA	521-1 284 (300-1)			
LNAV/VNAV DA	651-1½ 414 (500-1½)			
LNAV MDA	660-1 423 (500-1)		660-1¼ 423 (500-1¼)	
C CIRCLING	700-1 455 (500-1)		880-1¾ 635 (700-1¾)	960-2¼ 715 (800-2¼)

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

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RNAV (GPS) RWY 14
CONROE/NORTH HOUSTON RGNL (CXO)

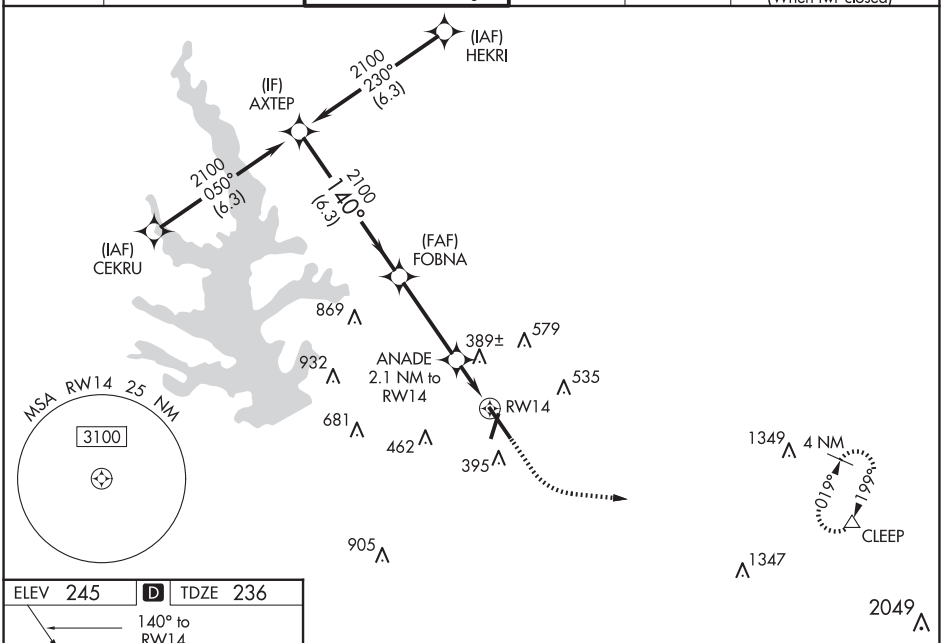
WAAS CH 99512 W14A	APP CRS 140°	Rwy ldg 7501 TDZE 236 Apt Elev 245

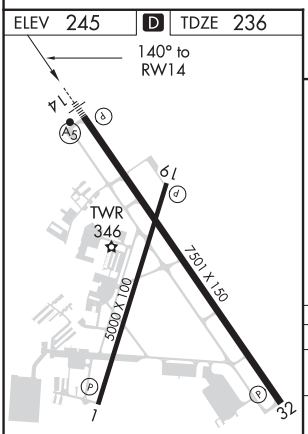
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -6°C (-22°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

MALSR

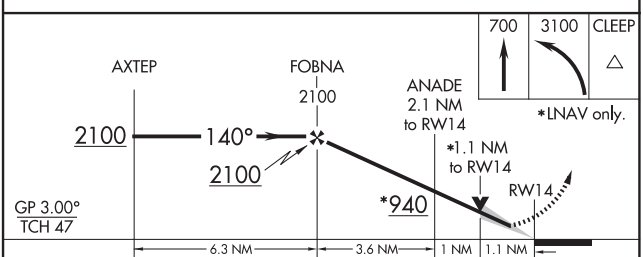
MISSED APPROACH: Climb to 700 then climbing left turn to 3100 direct CLEEP and hold.

ATIS	HOUSTON APP CON	CONROE TOWER *	GND CON	CLNC DEL	CLNC DEL
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55 (When twr closed)





REIL Rwy 32 L
MIRL Rwy 1-19
HIRL Rwy 14-32 L



CATEGORY	A	B	C	D
LPV DA	436-½ 200 (200-½)			
LNAV/VNAV DA	521-½ 285 (300-½)			
LNAV MDA	640-½ 404 (400-½)		640-⅝ 404 (400-⅝)	
C CIRCLING	700-1 455 (500-1)		880-1¾ 635 (700-1¾)	960-2¼ 715 (800-2¼)

HOUSTON, TEXAS
Amdt 1B 22JUN17

30°21′N-95°25′W

CONROE/NORTH HOUSTON RGNL (CXO)
RNAV (GPS) RWY 14

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SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 90219 W19A	APP CRS 192°	Rwy ldg 5000 TDZE 237 Apt Elev 245

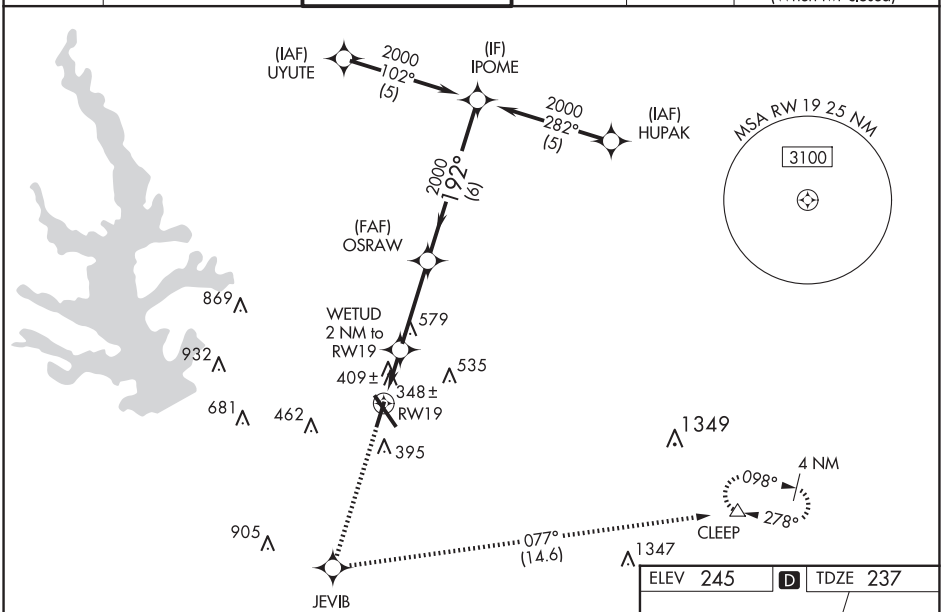
RNAV (GPS) RWY 19
CONROE/NORTH HOUSTON RGNL (CXO)

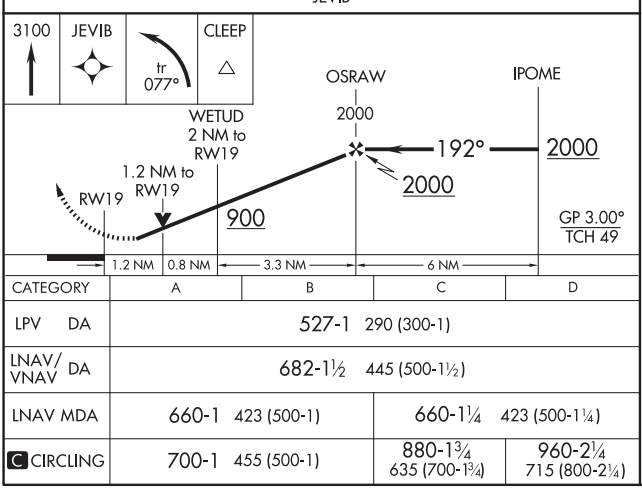
RNP APCH - GPS.

Rwy 19 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. When local altimeter setting not received, use David Wayne Hooks Meml altimeter setting and increase LPV DA to 584 feet and all visibilities ⅛ SM. Increase LNAV/VNAV DA to 739 feet; increase all MDAs 60 feet and LNAV visibility Cat C/D ⅛ SM, and Circling visibility Cat C/D ¼ SM. Baro-VNAV and VDP NA when using David Wayne Hooks Meml altimeter setting.

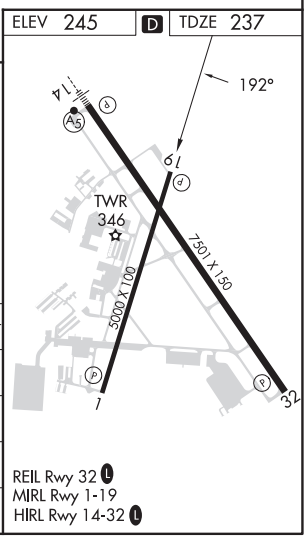
MISSED APPROACH: Climb to 3100 direct JEVIB and left turn on track 077° to CLEEP and hold.

ATIS	HOUSTON APP CON	CONROE TOWER ★	GND CON	CLNC DEL	CLNC DEL
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55 (When twr closed)





CATEGORY	A	B	C	D
LPV DA	527-1 290 (300-1)			
LNAV/VNAV DA	682-1½ 445 (500-1½)			
LNAV MDA	660-1 423 (500-1)		660-1¼ 423 (500-1¼)	
C CIRCLING	700-1 455 (500-1)		880-1¾ 635 (700-1¾)	960-2¼ 715 (800-2¼)



REIL Rwy 32 L
MIRL Rwy 1-19
HIRL Rwy 14-32 L

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SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS

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21336

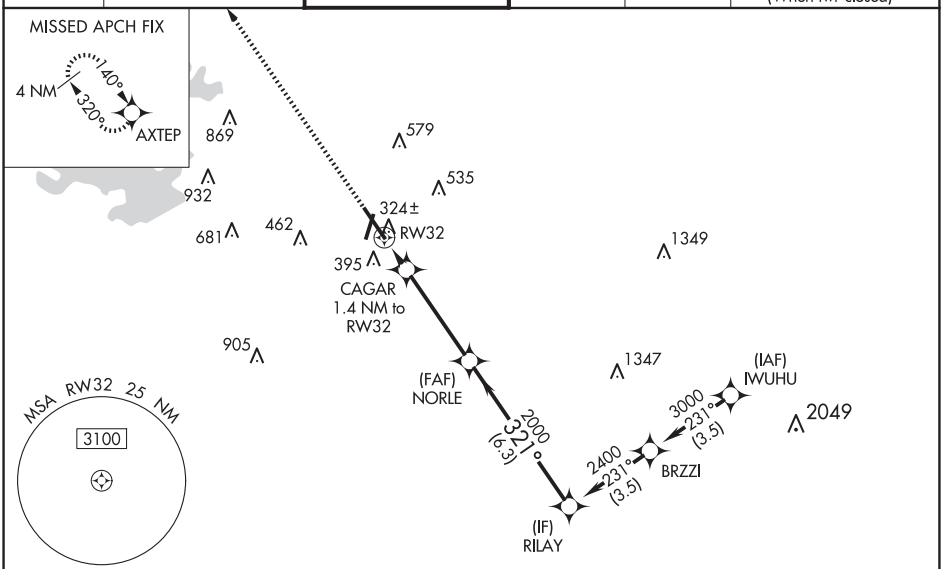
RNAV (GPS) RWY 32
CONROE/NORTH HOUSTON RGNL (CXO)

WAAS CH 62819 W32A	APP CRS 321°	Rwy ldg 7501 TDZE 245 Apt Elev 245

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -6°C (-22°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.
Rwy 32 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2100 direct AXTEP and hold.

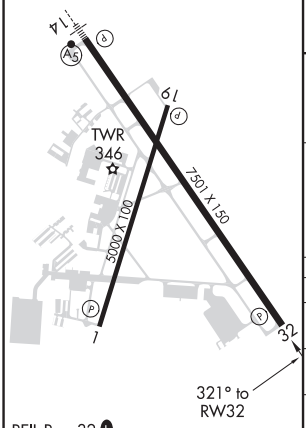
ATIS	HOUSTON APP CON	CONROE TOWER *	GND CON	CLNC DEL	CLNC DEL
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55 (When twr closed)



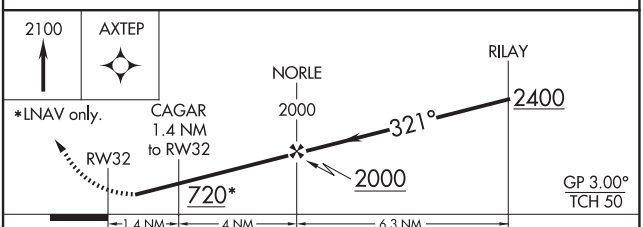
SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ELEV 245 | D | TDZE 245



REIL Rwy 32 L
MIRL Rwy 1-19
HIRL Rwy 14-32 L



CATEGORY	A	B	C	D
LPV DA	495-¾ 250 (300-¾)			
LNAV/VNAV DA	505-⅞ 260 (300-⅞)			
LNAV MDA	580-1 335 (400-1)			
C CIRCLING	700-1 455 (500-1)		880-1¾ 635 (700-1¾)	960-2¼ 715 (800-2¼)

NDB RWY 14

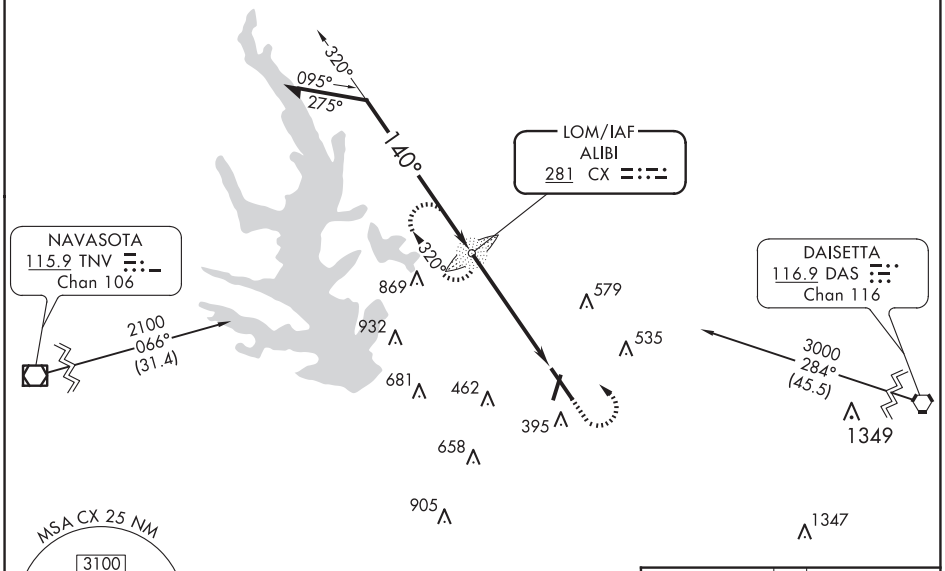
CONROE/NORTH HOUSTON RGNL (CXO)

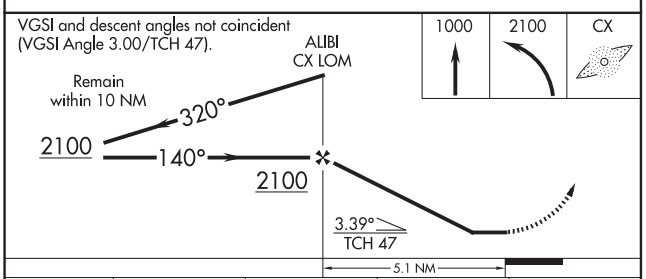
LOM CX	APP CRS	Rwy ldg / TDZE / Apt Elev
281	140°	7501 / 236 / 245

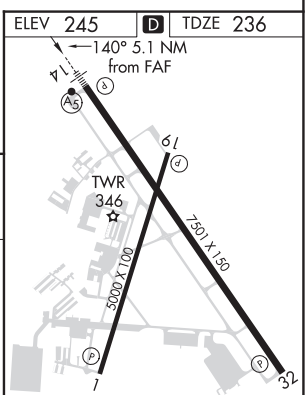
MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 2100 direct ALIBI LOM and hold.

ATIS	HOUSTON APP CON	CONROE TOWER *	GND CON	CLNC DEL	CLNC DEL
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55 (When twr closed)







REIL Rwy 32 L
MIRL Rwy 1-19
HIRL Rwy 14-32 L

CATEGORY	A	B	C	D
S-14	880-¾ 644 (700-¾)		880-1⅜ 644 (700-1⅜)	
C CIRCLING	880-1 635 (700-1)		880-1⅞ 635 (700-1⅞)	960-2 715 (800-2)

FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

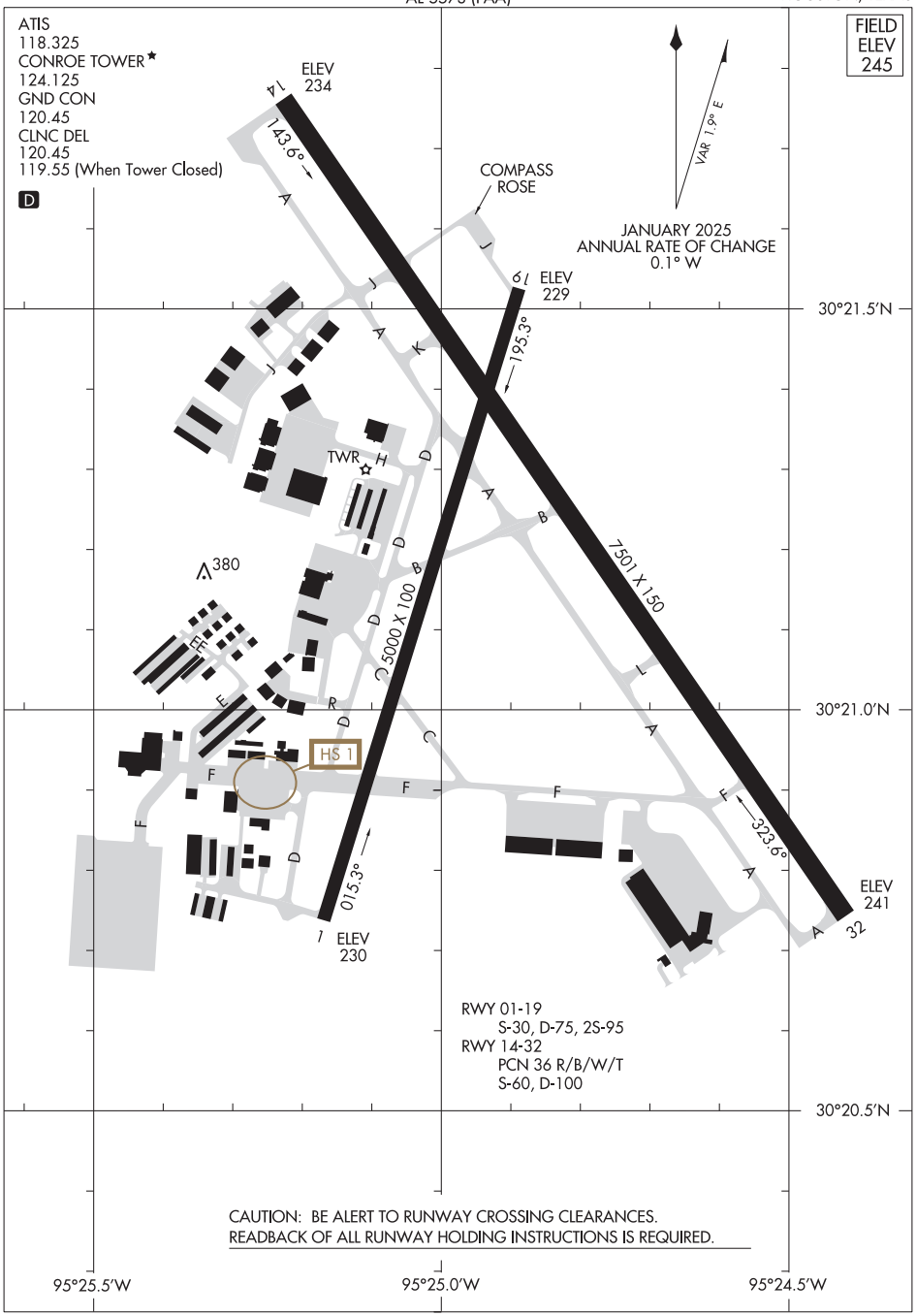
25107

AIRPORT DIAGRAM

CONROE/NORTH HOUSTON RGNL (CXO)

HOUSTON, TEXAS

AL-5573 (FAA)

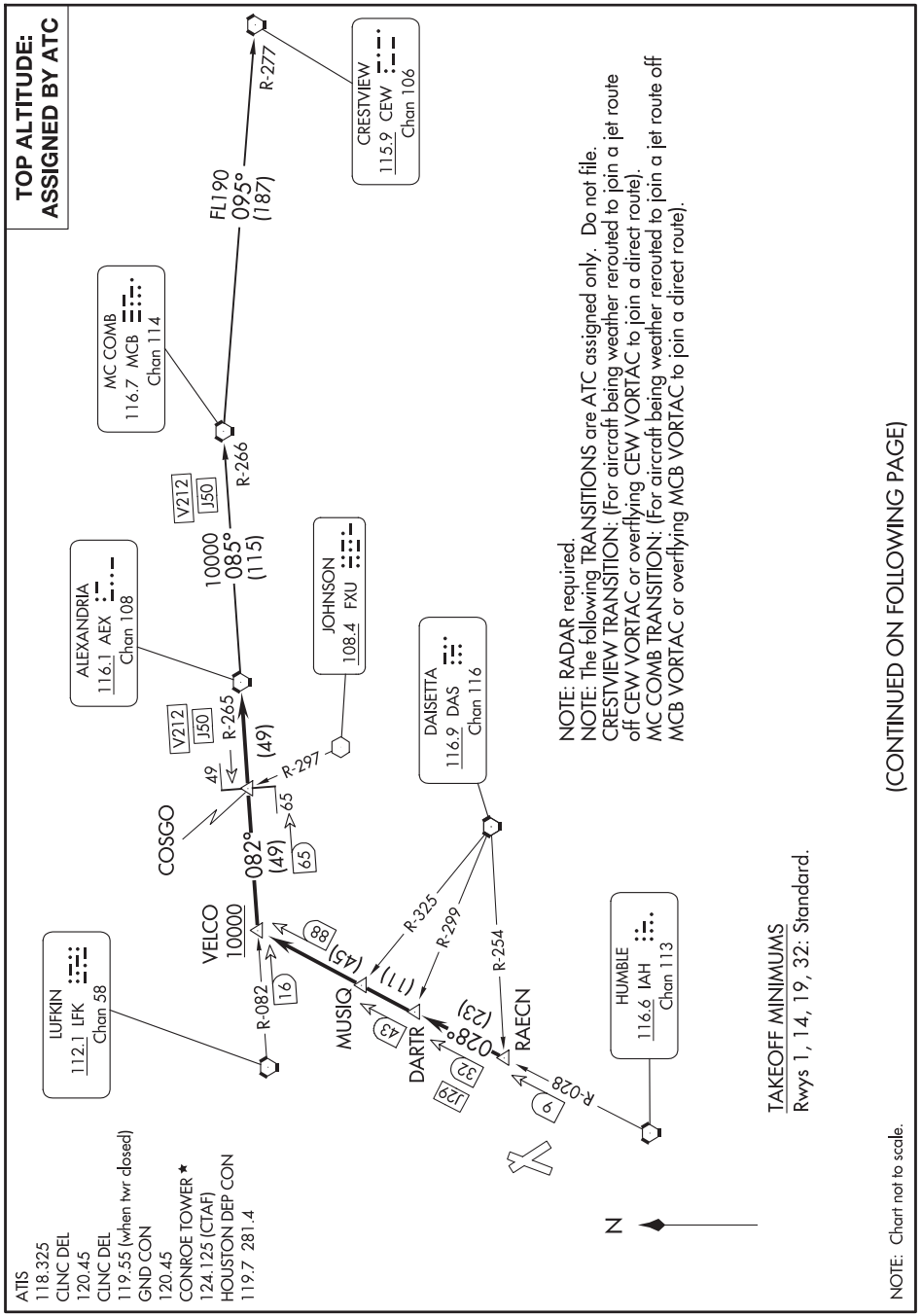


SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
CONROE/NORTH HOUSTON RGNL (CXO)
HOUSTON, TEXAS

ALEXANDRIA THREE DEPARTURE



(CONTINUED ON FOLLOWING PAGE)

ALEXANDRIA THREE DEPARTURE
HOUSTON, TEXAS
CONROE/NORTH HOUSTON RGNL (CXO)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

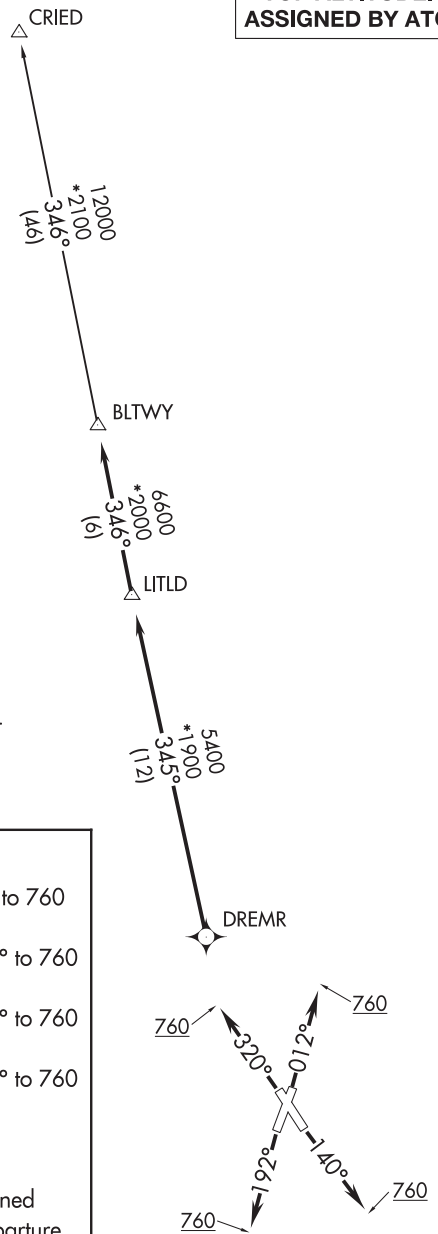
CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

BLTWY SEVEN DEPARTURE (RNAV) AL-5573 (FAA)

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32:
Standard with minimum climb of 500′ per NM to 760.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

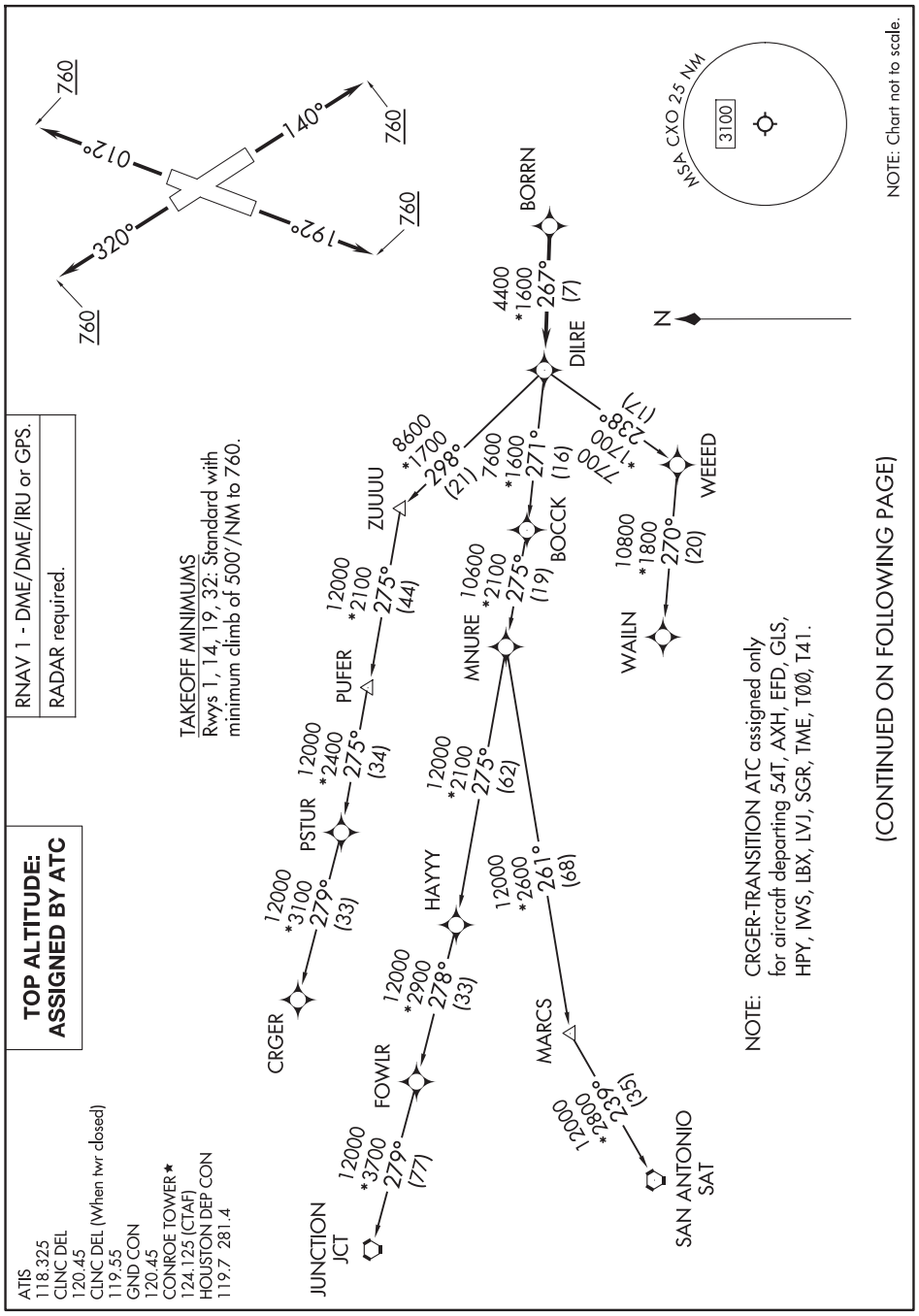
NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(BORRN6.BORRN) 25051 AL-5573 (FAA) CONROE/NORTH HOUSTON RGNL (CXO)

BORRN SIX DEPARTURE (RNAV)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

(BORRN6.BORRN) 30NOV23

HOUSTON, TEXAS

CONROE/NORTH HOUSTON RGNL (CXO)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025

(CRIED1.CRIED) 24193

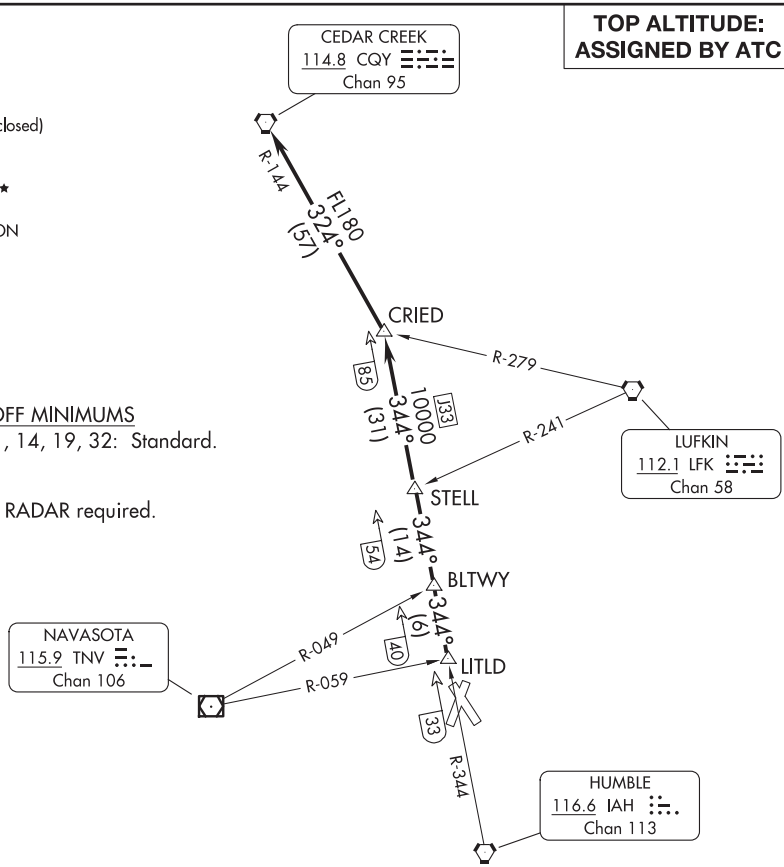
CRIED ONE DEPARTURE

AL-5573 (FAA)

CONROE/NORTH HOUSTON RGNL (CXO)
HOUSTON, TEXAS

ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard.

NOTE: RADAR required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

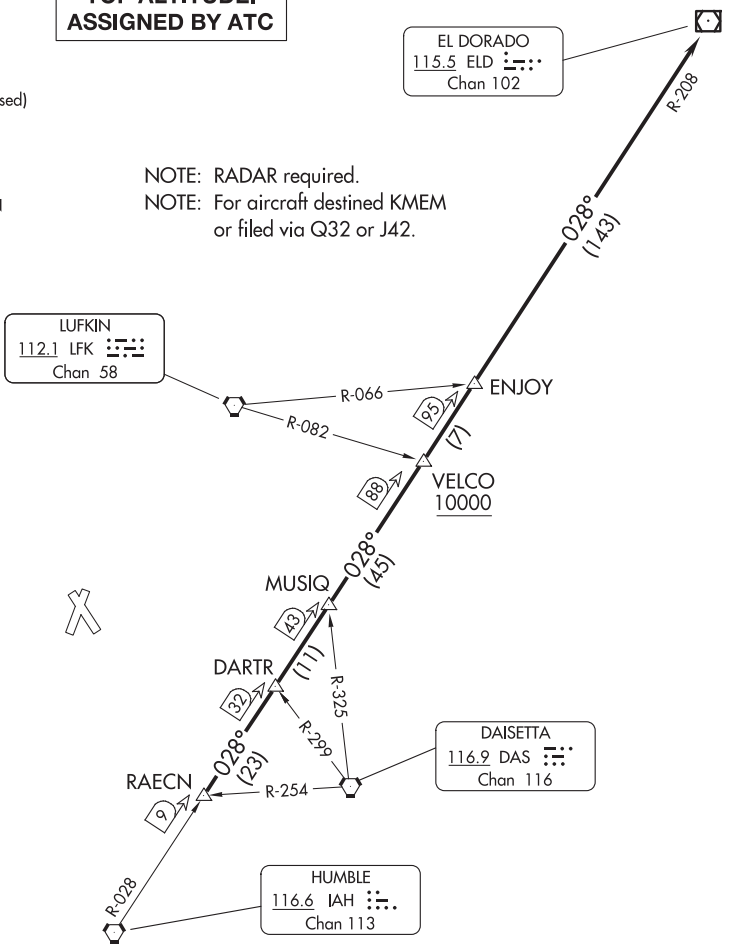
SC-5, 12 JUN 2025 to 07 AUG 2025

EL DORADO ONE DEPARTURE

ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.



TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(GIFFA1.GIFFA) 24193

GIFFA ONE DEPARTURE

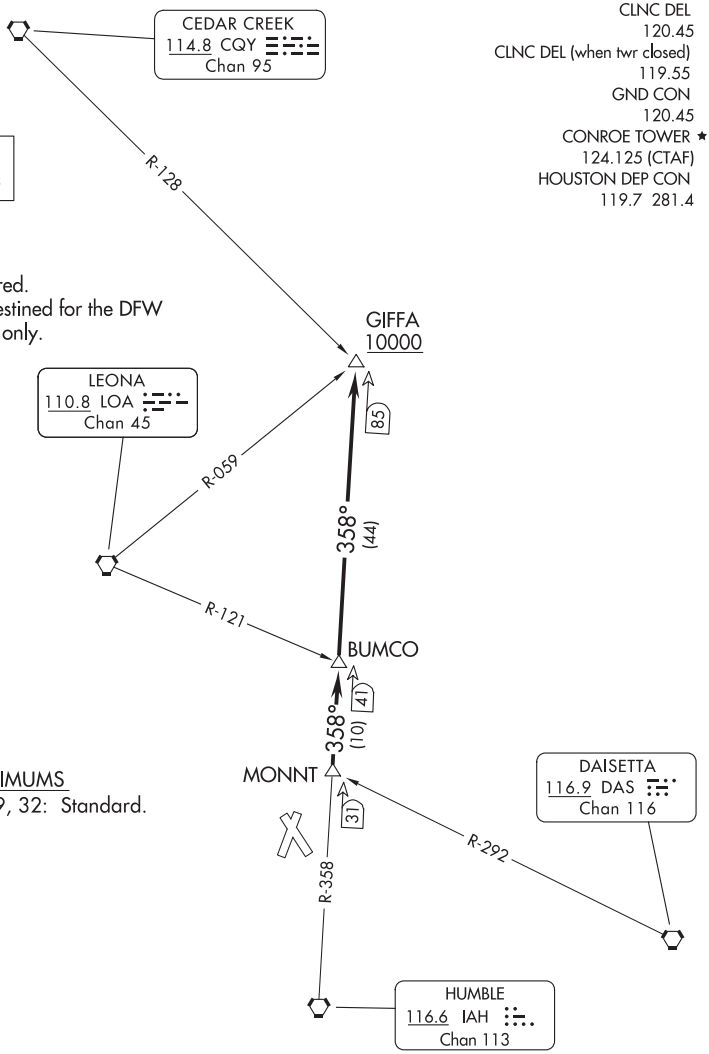
AL-5573 (FAA)

CONROE/NORTH HOUSTON RGNL (CXO)
HOUSTON, TEXAS

ATIS
118.325
CLNC DEL
120.45
CLNC DEL (when twr closed)
119.55
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.



TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

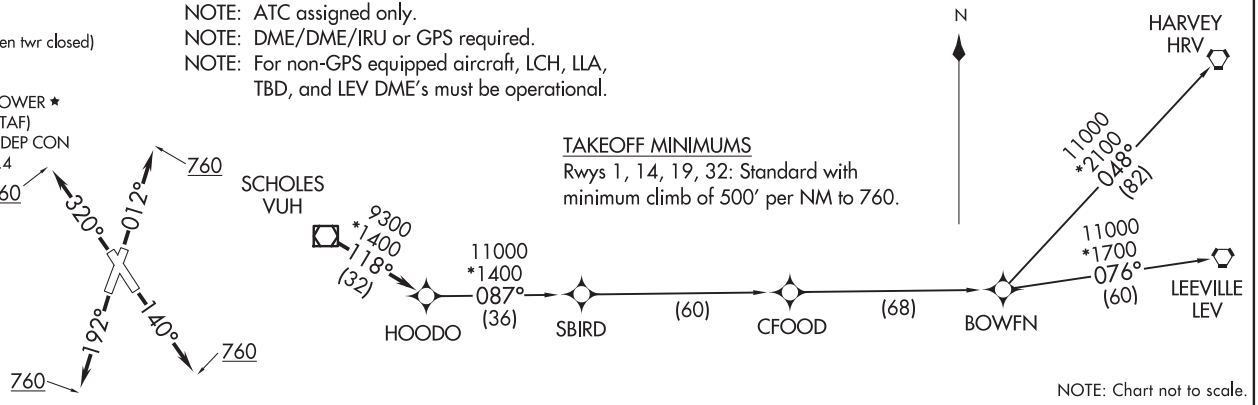
SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard with minimum climb of 500′ per NM to 760.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(INDIE8.INDIE) 21336 AL-5573 (FAA) CONROE/NORTH HOUSTON RGNL (CXO)

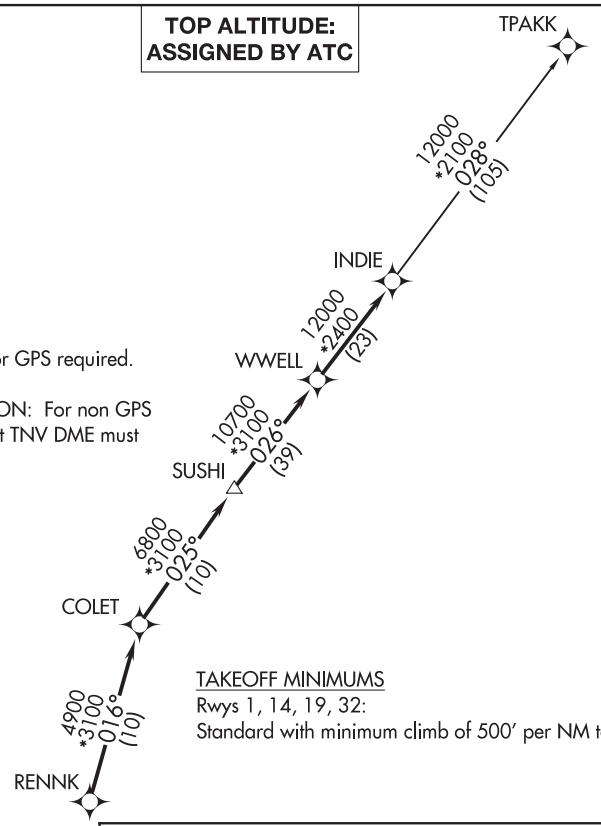
INDIE EIGHT DEPARTURE (RNAV)

HOUSTON, TEXAS

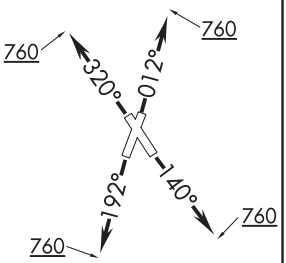
ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32:
Standard with minimum climb of 500′ per NM to 760.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

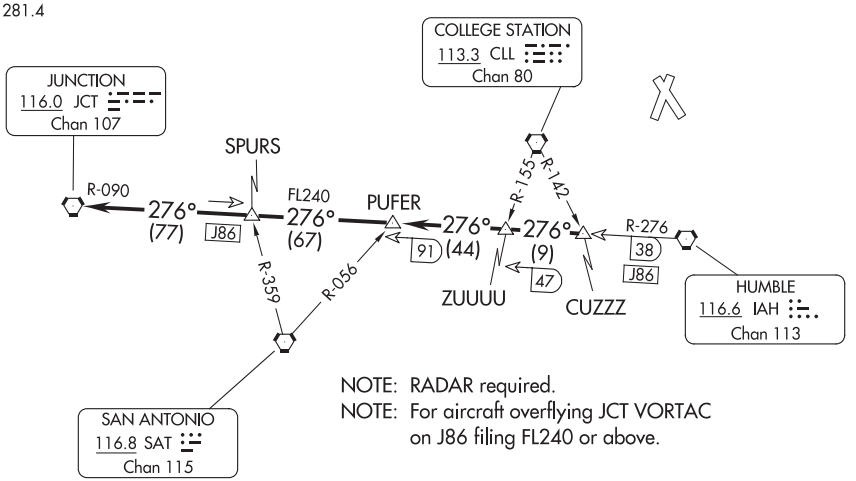
TPAKK TRANSITION (INDIE8.TPAKK)

SC-5, 12 JUN 2025 to 07 AUG 2025

JUNCTION ONE DEPARTURE

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.325
CLNC DEL
120.45
CLNC DEL (when twr closed)
119.55
GND CON
120.45
CONROE TOWER *
124.125
HOUSTON DEP CON
119.7 281.4



NOTE: RADAR required.
NOTE: For aircraft overflying JCT VORTAC on J86 filing FL240 or above.

TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to CUZZZ INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-276 and JCT R-090 to JCT VORTAC.

(KARRR7.KARRR) 23222 AL-5573 (FAA)

KARRR SEVEN DEPARTURE (RNAV)

CONROE/NORTH HOUSTON RGNL (CXO)
HOUSTON, TEXAS

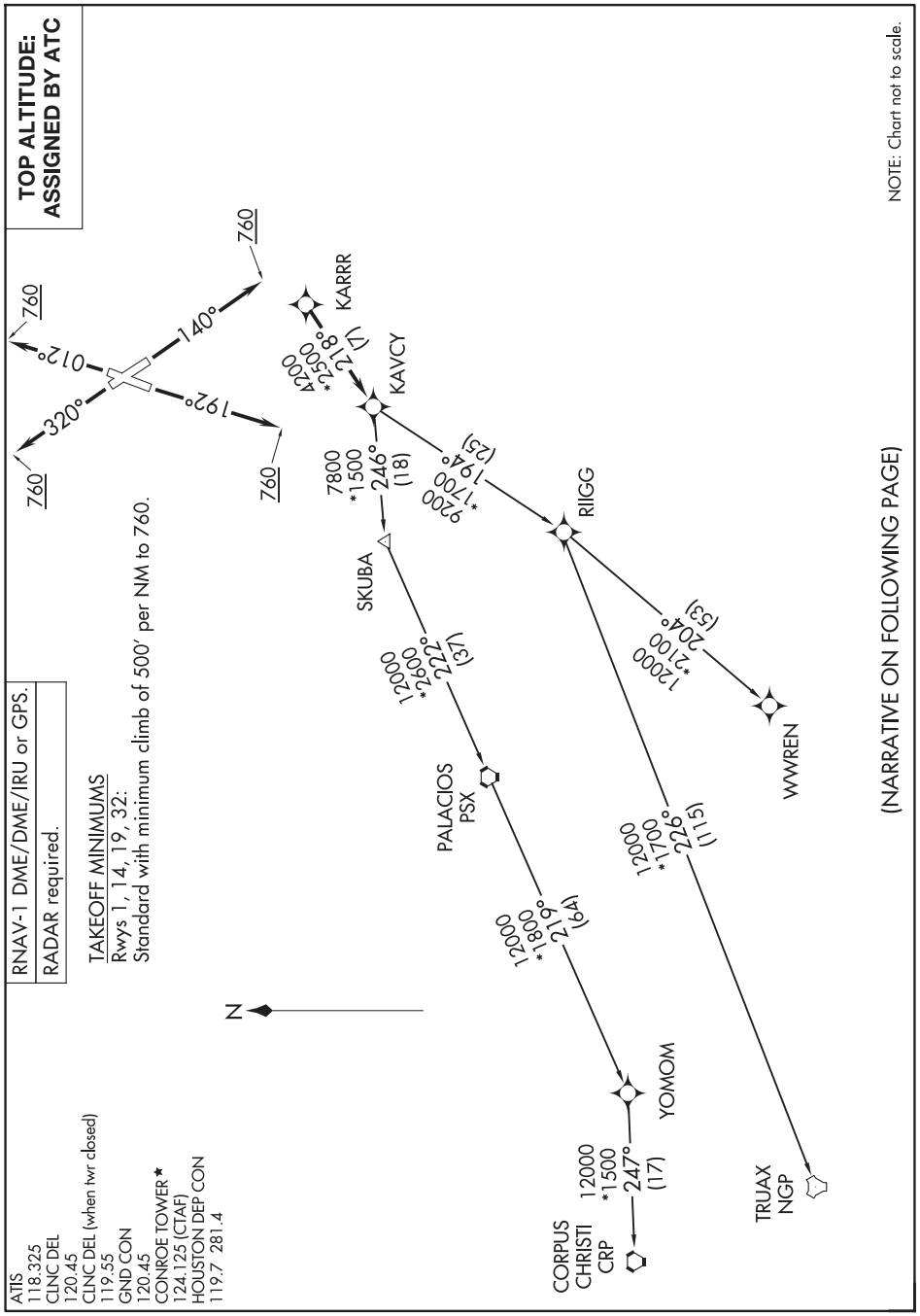
TOP ALTITUDE: ASSIGNED BY ATC

RNAV-1 DME/DME/IRU or GPS.

RADAR required.

TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32:
Standard with minimum climb of 500' per NM to 760.

ATIS
118.325
CLNC DEL
120.45
CLNC DEL (when twr closed)
119.55
GND CON
120.45
CONROE TOWER★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)

(KARRR7.KARRR) 29DEC22

HOUSTON, TEXAS
CONROE/NORTH HOUSTON RGNL (CXO)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

(LCH5.LCH) 24137

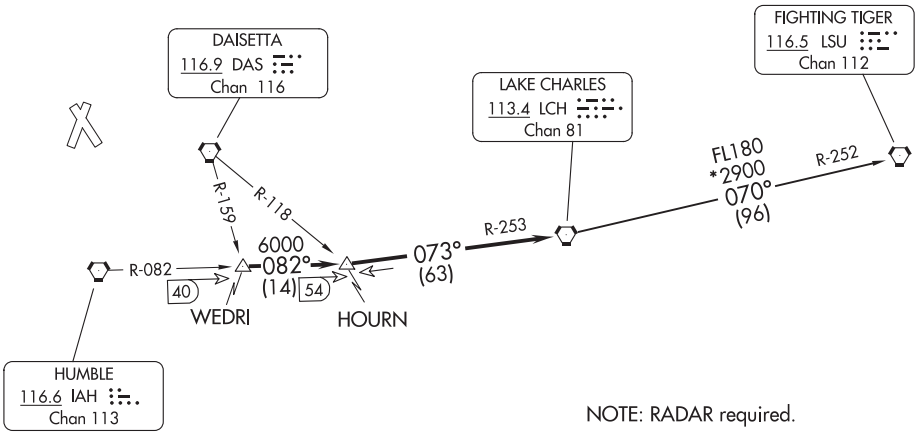
LAKE CHARLES FIVE DEPARTURE

AL-5573 (FAA)

CONROE/NORTH HOUSTON RGNL (CXO)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.325
CLNC DEL
120.45
CLNC DEL (when twr closed)
119.55
GND CON
120.45
CONROE TOWER *
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4



NOTE: RADAR required.

TAKEOFF MINIMUMS
Rwy 1, 14, 19, 32 Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, climb on assigned heading for RADAR vectors to WEDRI INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-082 to HOURN INT, then on LCH R-253 to LCH VORTAC.

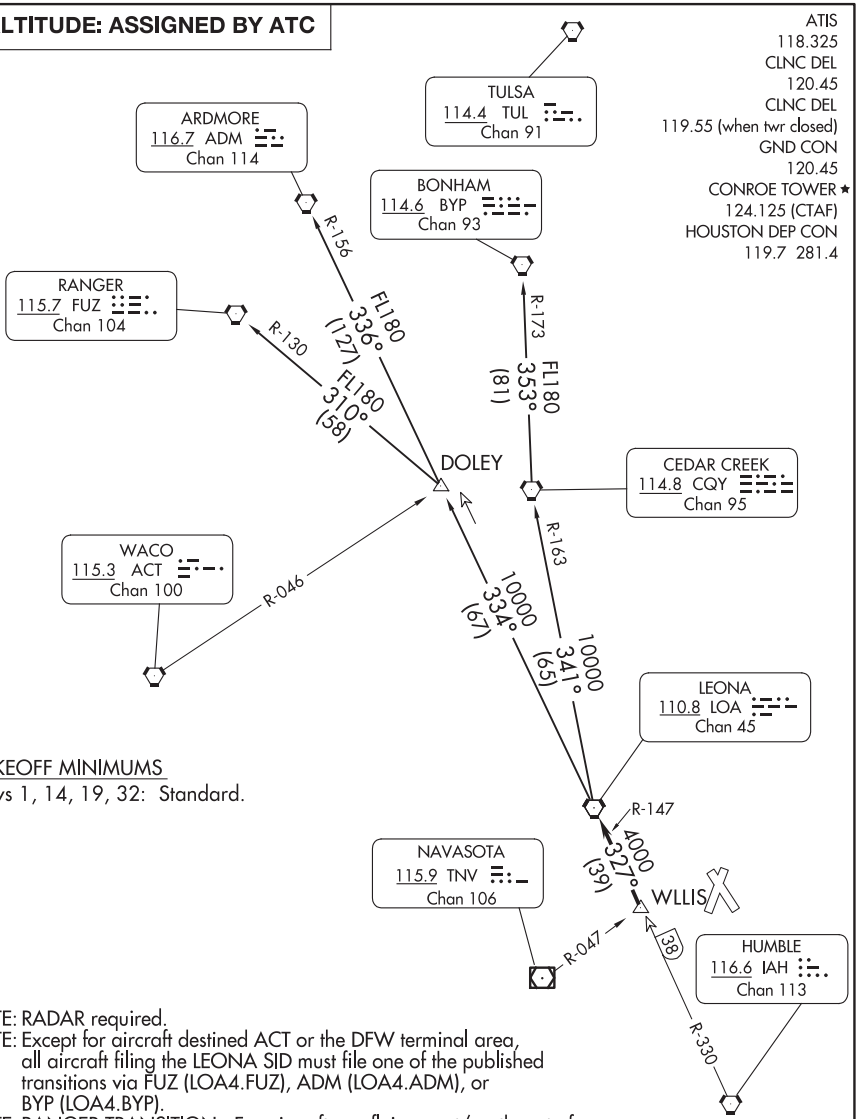
FIGHTING TIGERS TRANSITION (LCH5.LSU): From over LCH VORTAC on LCH R-070 and LSU R-252 to LSU VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

LEONA FOUR DEPARTURE

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4



TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard.

NOTE: RADAR required.
NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).
NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.
NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.
NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

LEONA FOUR DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

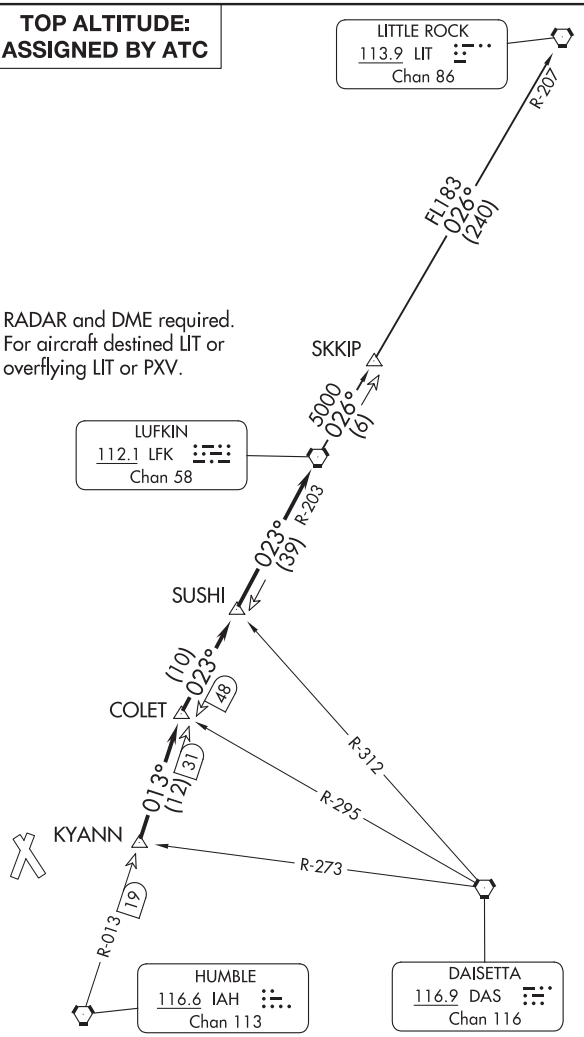
SC-5, 12 JUN 2025 to 07 AUG 2025

LUFKIN THREE DEPARTURE

ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.



TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

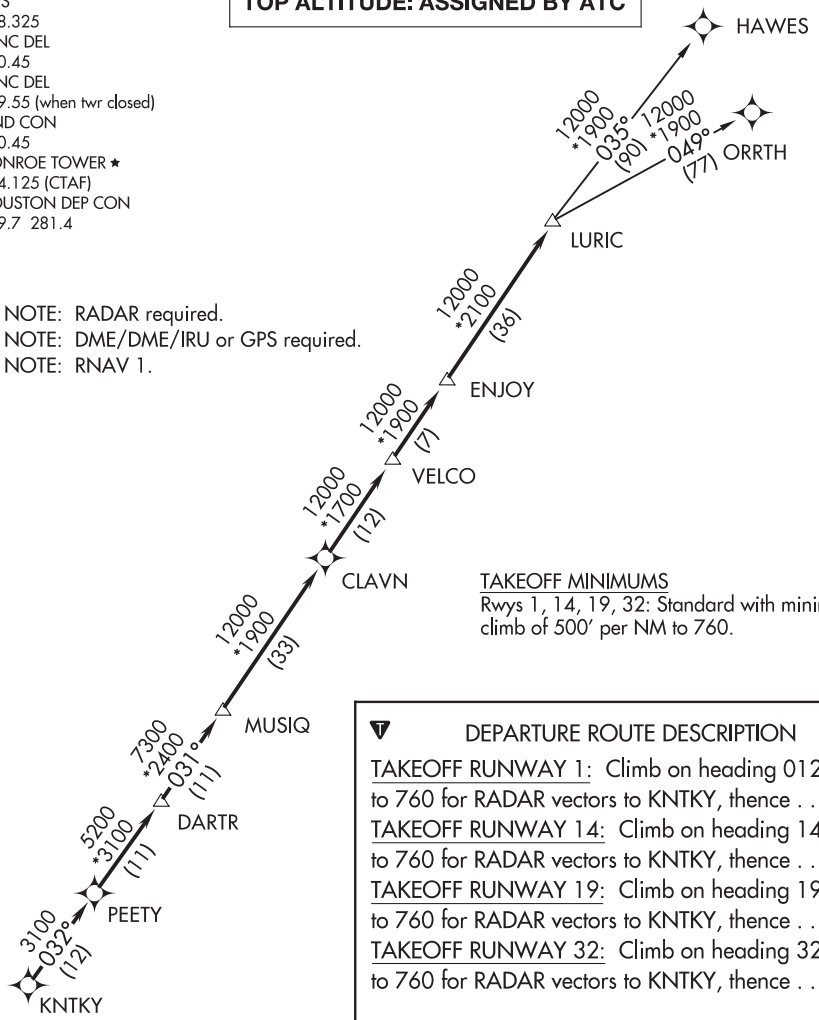
. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4

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



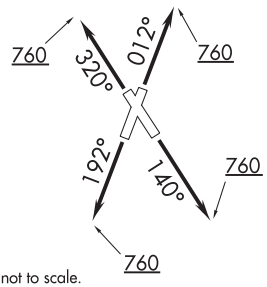
TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard with minimum climb of 500′ per NM to 760.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)



NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

MMALT SEVEN DEPARTURE (RNAV)

(MMALT7.MMALT) 30NOV23

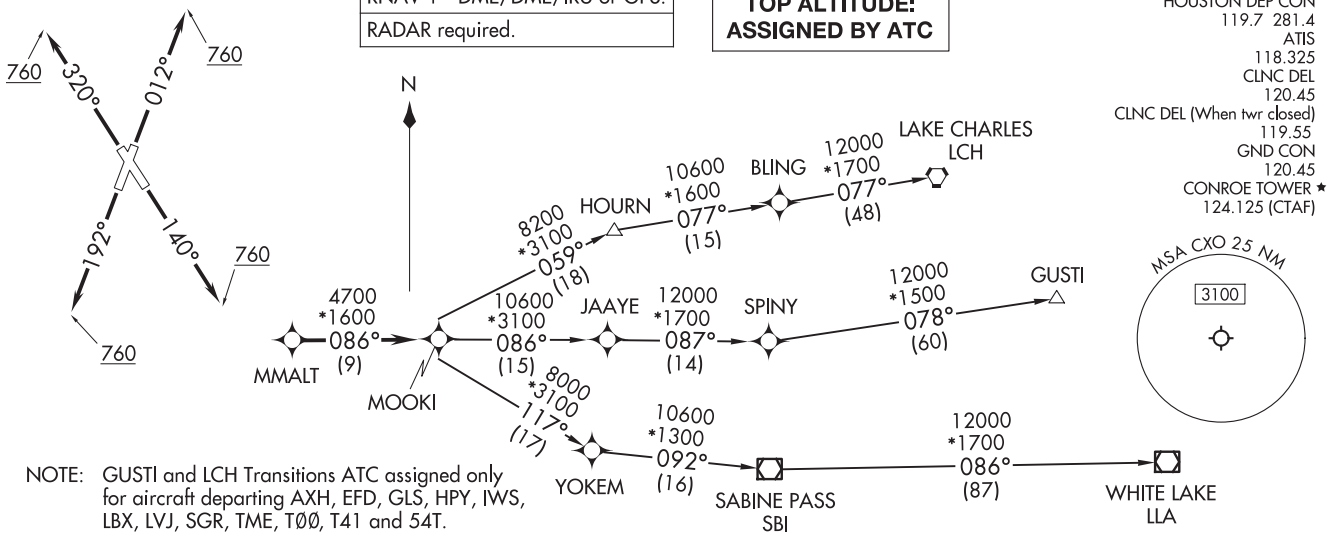
CONROE/NORTH HOUSTON RGNL (CXO)

HOUSTON, TEXAS

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

TOP ALTITUDE: ASSIGNED BY ATC

HOUSTON DEP CON
119.7 281.4
ATIS
118.325
CLNC DEL
120.45
CLNC DEL (When twr closed)
119.55
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.

TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard with minimum climb of 500′/NM to 760.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

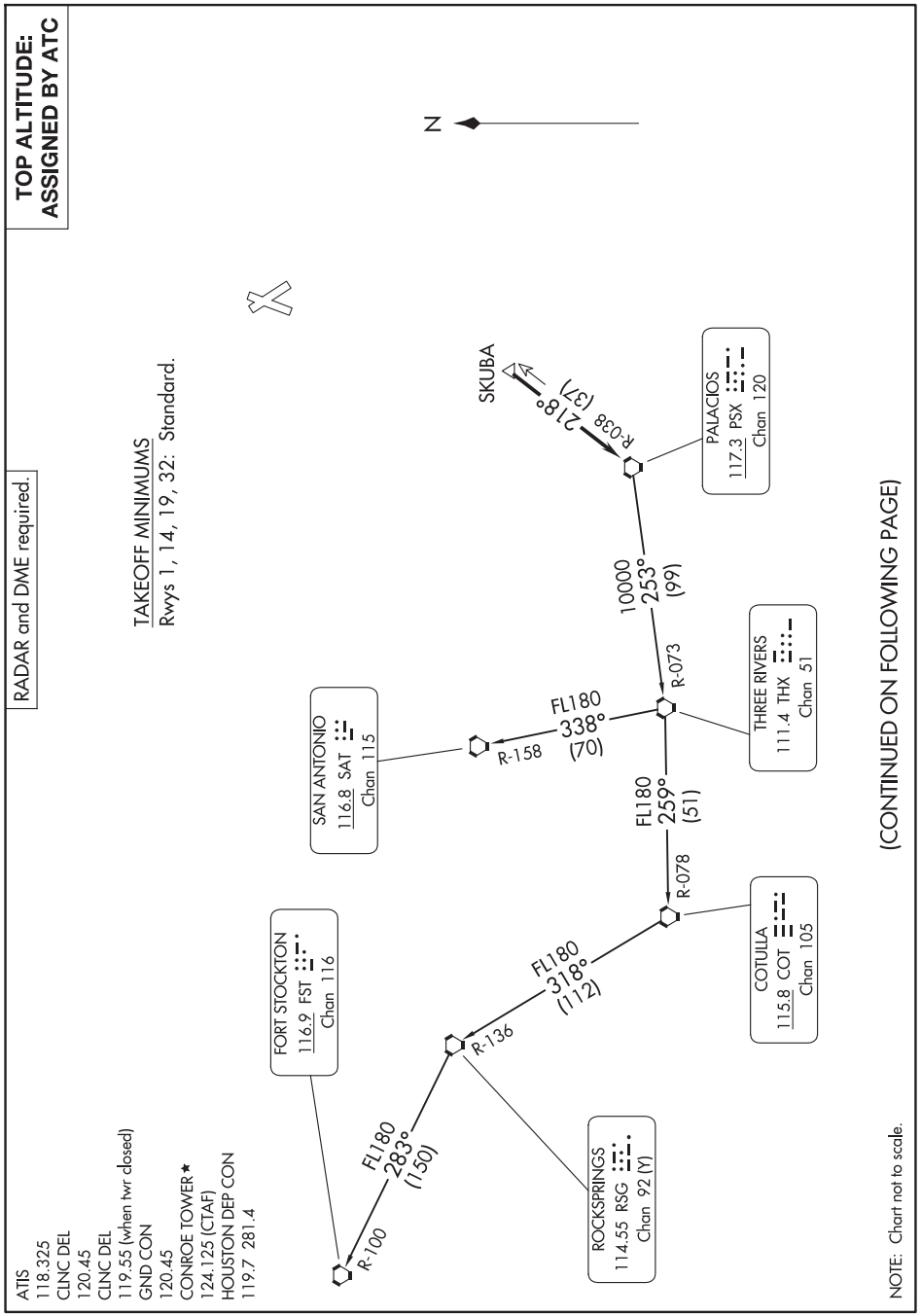
TAKEOFF RUNWAY 1: Climb on heading 012° to 760, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

(MMALT7.MMALT) 23334
MMALT SEVEN DEPARTURE (RNAV)
AL-5573 (FAA)
CONROE/NORTH HOUSTON RGNL (CXO)
HOUSTON, TEXAS

PALACIOS THREE DEPARTURE



(CONTINUED ON FOLLOWING PAGE)

PALACIOS THREE DEPARTURE
HOUSTON, TEXAS
CONROE/NORTH HOUSTON RGNL (CXO)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

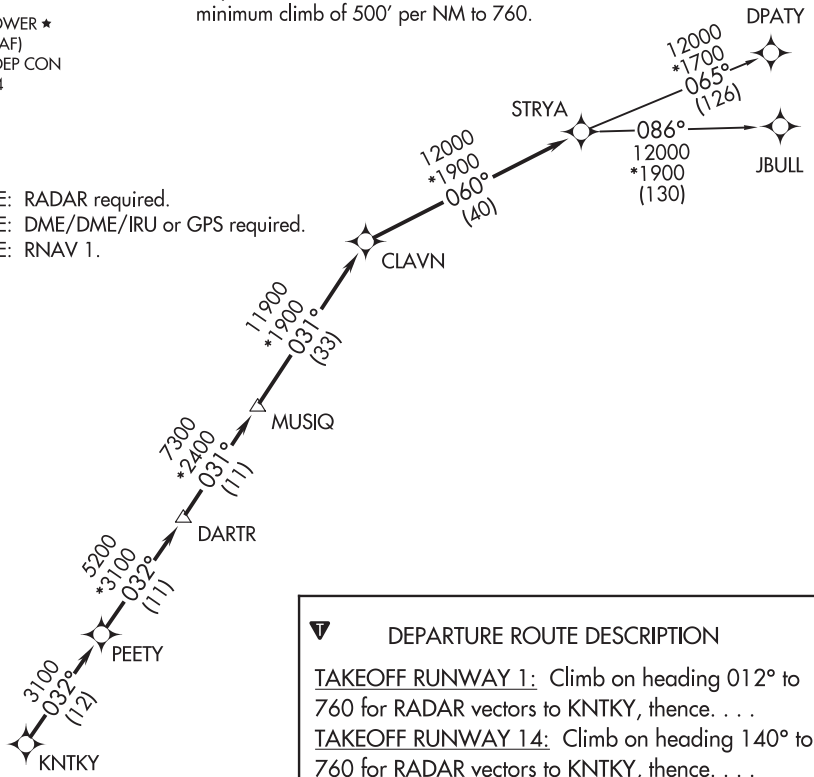
STRYA EIGHT DEPARTURE (RNAV)

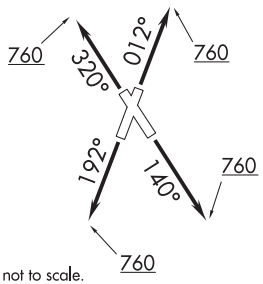
TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4

TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard with minimum climb of 500′ per NM to 760.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

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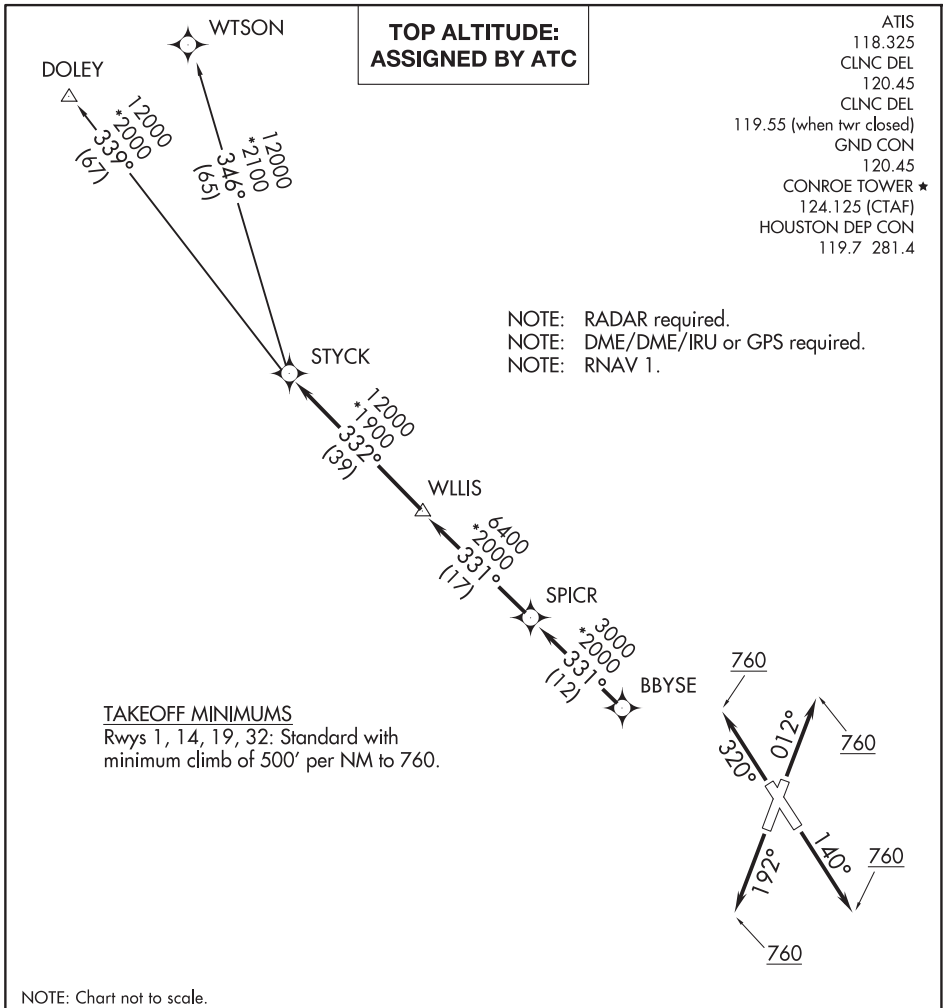
SC-5, 12 JUN 2025 to 07 AUG 2025

(STYCK8.STYCK) 21336 AL-5573 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

CONROE/NORTH HOUSTON RGNL (CXO)
HOUSTON, TEXAS



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

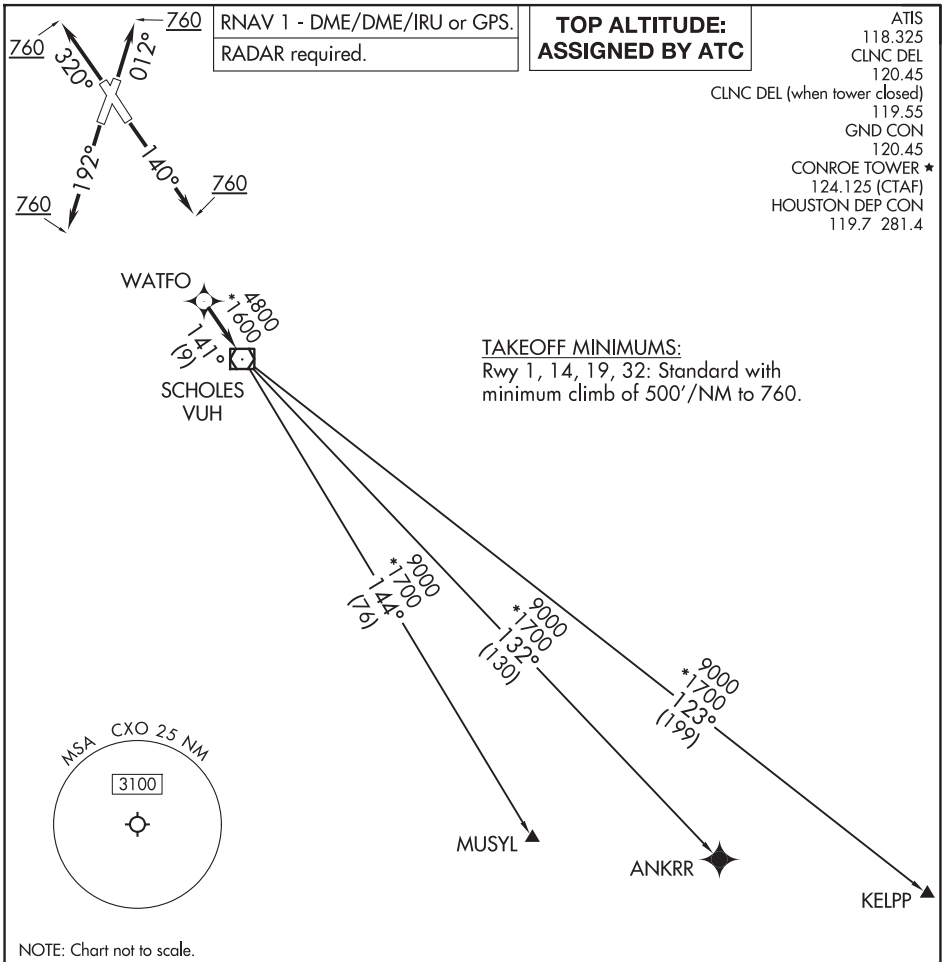
SC-5, 12 JUN 2025 to 07 AUG 2025

WATFO SIX DEPARTURE (RNAV)

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

TOP ALTITUDE: ASSIGNED BY ATC

ATIS 118.325
CLNC DEL 120.45
CLNC DEL (when tower closed) 119.55
GND CON 120.45
CONROE TOWER ★ 124.125 (CTAF)
HOUSTON DEP CON 119.7 281.4



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(WYLSN8.WYLSN) 21336 AL-5573 (FAA) CONROE/NORTH HOUSTON RGNL (CXO)

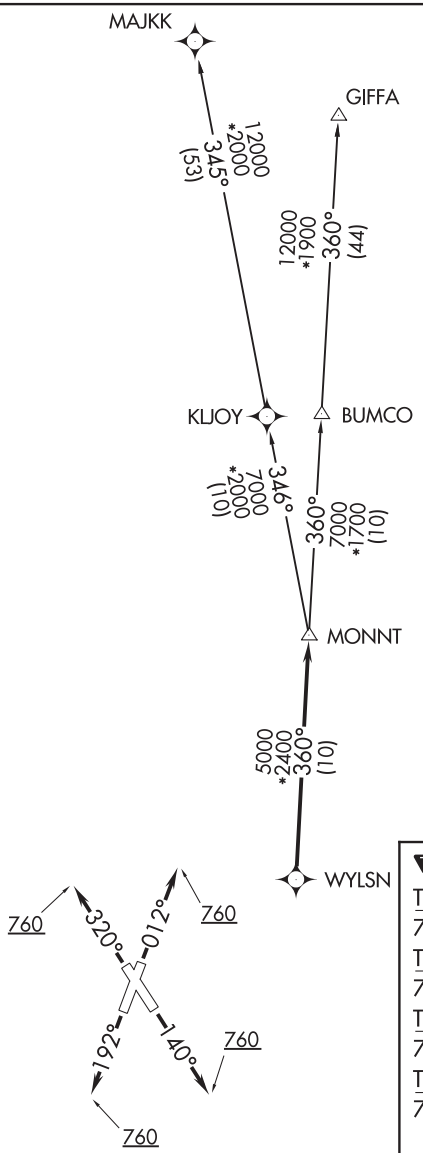
WYLSN EIGHT DEPARTURE (RNAV)

HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.325
CLNC DEL
120.45
CLNC DEL
119.55 (when twr closed)
GND CON
120.45
CONROE TOWER ★
124.125 (CTAF)
HOUSTON DEP CON
119.7 281.4

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



TAKEOFF MINIMUMS
Rwys 1, 14, 19, 32: Standard with minimum climb of 500′ per NM to 760.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading 012° to 760 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 14: Climb on heading 140° to 760 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 19: Climb on heading 192° to 760 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 320° to 760 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 41063 W17A	APP CRS 168°	Rwy ldg 6002 TDZE 152 Apt Elev 152

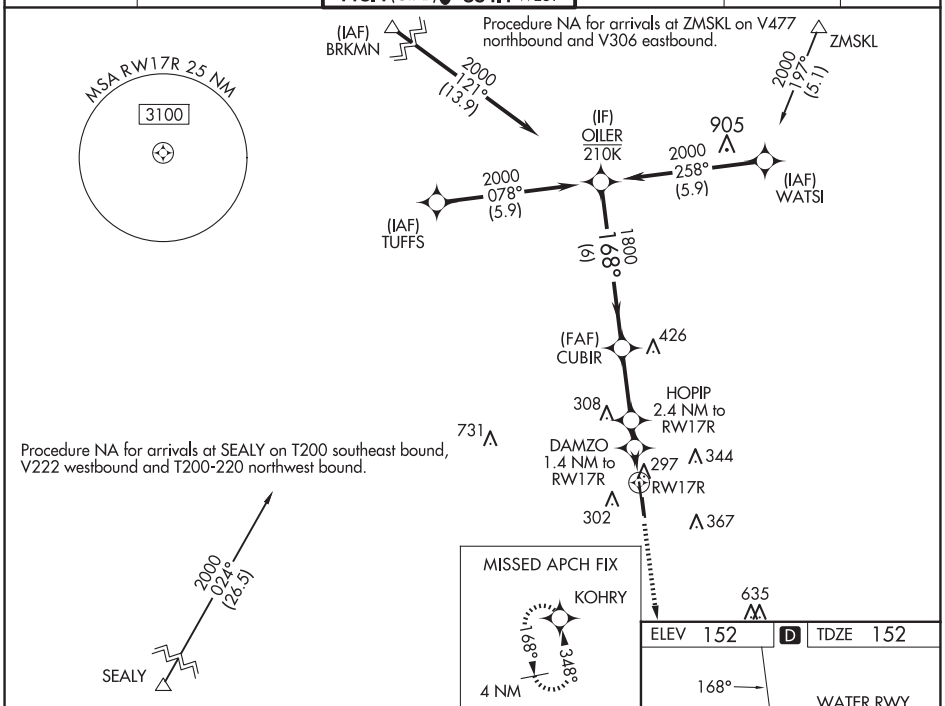
RNAV (GPS) RWY 17R
DAVID WAYNE HOOKS MEML (DWH)

RNP APCH-GPS.

T Baro-VNAV NA when using George Bush Intcntl/Houston altimeter setting. For uncompensated Baro-VNAV systems, procedure NA below -2°C or above 54°C. Rwy 17R helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use George Bush Intcntl/Houston altimeter setting: Increase all DAs 36 feet and visibilities ⅛ SM; increase all MDAs 40 feet. When control tower closed, LPV visibility 1 SM.

MISSED APPROACH: Climb to 2000 direct KOHRY and hold.

ATIS	HOUSTON APP CON	HOOKS TOWER*	GND CON	CLNC DEL	UNICOM
128.375	119.7 281.4	127.4 354.1 EAST 118.4 (CTAF) L 354.1 WEST	121.8 239.0	119.45	122.95



CATEGORY	A	B	C	D
LPV DA	402-¾ 250 (300-¾)			
LNAV/VNAV DA	508-1⅛ 356 (400-1⅛)			
LNAV MDA	600-1 448 (500-1)		600-1⅜ 448 (500-1⅜)	
C CIRCLING	640-1 488 (500-1)	660-1 508 (600-1)	680-1½ 528 (600-1½)	780-2 628 (700-2)

REIL Rwys 17R and 35L L
HIRL Rwy 17R-35L L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS

AL-5457 (FAA)

24249

RNAV (GPS) RWY 35L
DAVID WAYNE HOOKS MEML (DWH)

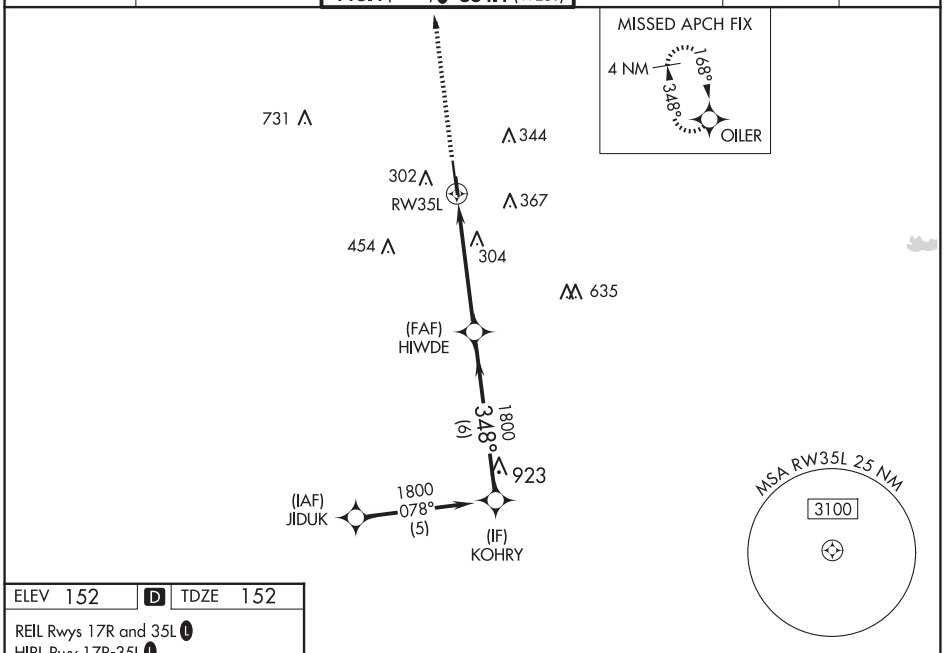
WAAS CH 45603 W35A	APP CRS 348°	Rwy ldg 6700 TDZE 152 Apt Elev 152

RNP APCH-GPS.

Baro-VNAV and VDP NA when using George Bush Intcntl/Houston altimeter setting.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C or above 54°C.
When local altimeter setting not received, use George Bush Intcntl/Houston altimeter setting and increase all DA 36 feet and all MDA 40 feet, increase LPV and LNAV/VNAV visibility all Cats ⅛ mile, LNAV visibility Cats C/D ¼ mile. Rwy 35L helicopter visibility reduction below ¾ SM NA.
Circling NA to Rwys 17W and 35W. Circling Rwy 35R NA at night.

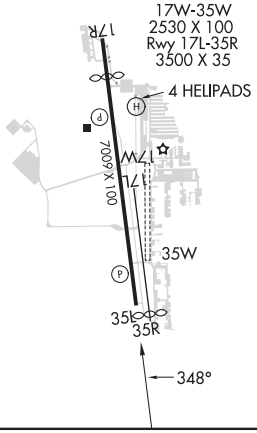
MISSED APPROACH: Climb to 2000 direct OILER and hold.

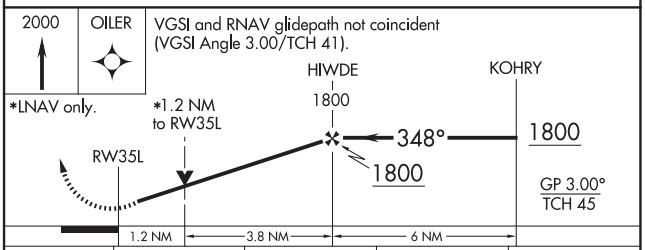
ATIS	HOUSTON APP CON	HOOKS TOWER★	GND CON	CLNC DEL	UNICOM
128.375	119.7 281.4	127.4 354.1 (EAST) 118.4 (CTAF) L 354.1 (WEST)	121.8 239.0	119.45	122.95



ELEV 152 | D | TDZE 152

REIL Rwys 17R and 35L L
HIRL Rwy 17R-35L L





CATEGORY	A	B	C	D
LPV DA	451-1 299 (300-1)			
LNAV/VNAV DA	552-1⅜ 400 (400-1⅜)			
LNAV MDA	560-1 408 (500-1)		560-1⅛ 408 (500-1⅛)	
C CIRCLING	640-1 488 (500-1)	660-1 508 (600-1)	680-1½ 528 (600-1½)	780-2 628 (700-2)

SC-5, 12 JUN 2025 to 07 AUG 2025

LOC RWY 17R
DAVID WAYNE HOOKS MEML (DWH)

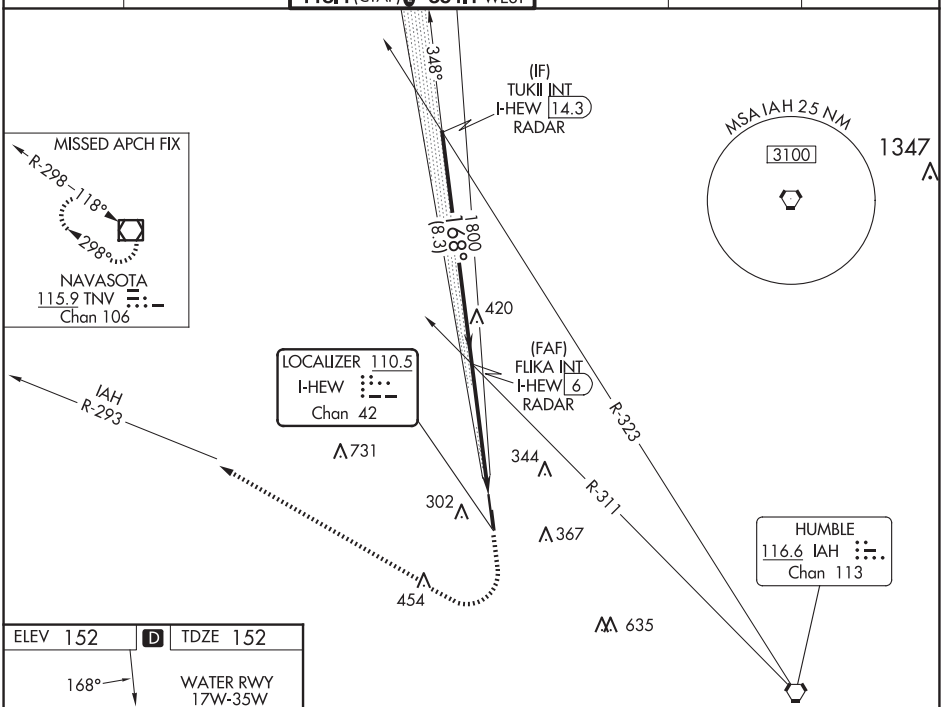
LOC/DME I-HEW	APP CRS	Rwy ldg	6002
110.5	168°	TDZE	152
Chan 42		Apt Elev	152

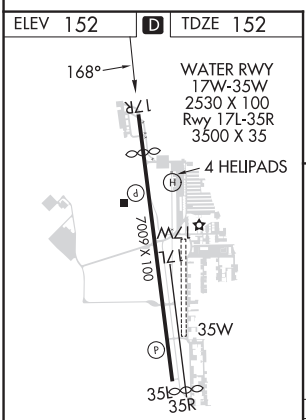
RADAR required for procedure entry.

When local altimeter setting not received, use George Bush Intcntl/Houston altimeter setting and increase all MDA 40 feet; increase S-LOC 17R Cats C/D visibility ⅛ mile. Circling NA to Rwys 17W and 35W. Rwy 17R helicopter visibility reduction below ¾ SM NA. Circling Rwy 35R NA at night.

MISSED APPROACH: Climb to 1200 then climbing right turn to 2000 on heading 325° and IAH VORTAC R-293 to TNV VOR/DME and hold.

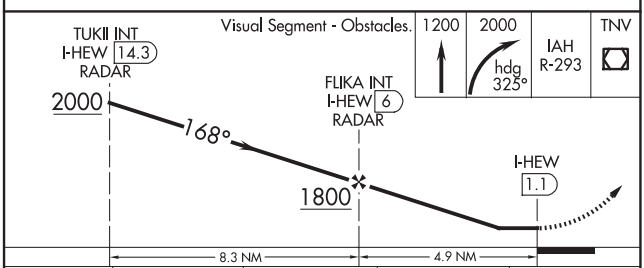
ATIS	HOUSTON APP CON	HOOKS TOWER★	GND CON	CLNC DEL	UNICOM
128.375	119.7 281.4	127.4 354.1 EAST 118.4 (CTAF) L 354.1 WEST	121.8 239.0	119.45	122.95





HIRL Rwy 17R-35L L
REIL Rwys 17R and 35L L

FAF to MAP 4.9NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38



CATEGORY	A	B	C	D
S-LOC 17R	640-1 488 (500-1)		640-1⅜ 488 (500-1⅜)	
C CIRCLING	640-1 488 (500-1)	660-1 508 (600-1)	680-1½ 528 (600-1½)	780-2 628 (700-2)

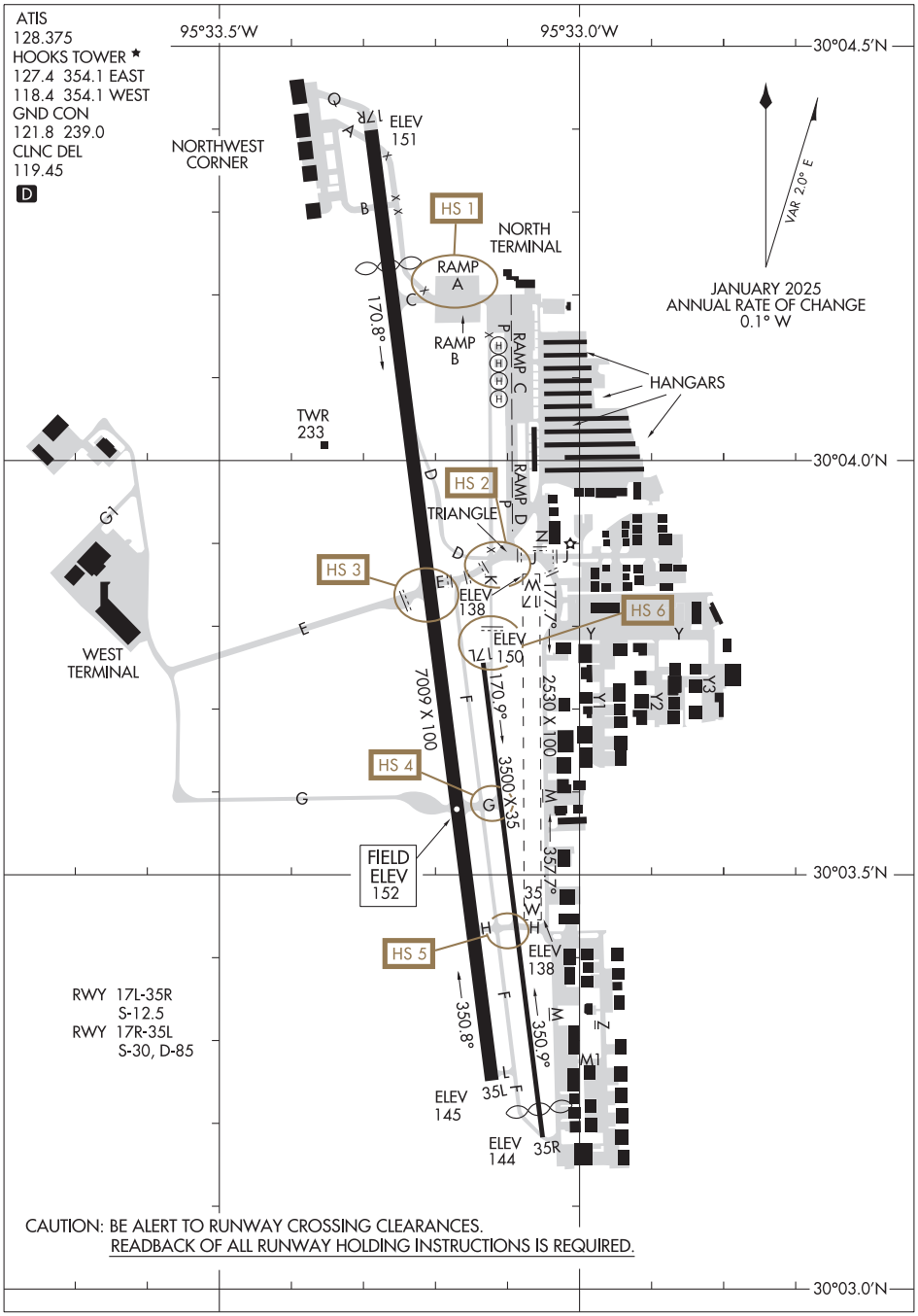
SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-5457 (FAA)

DAVID WAYNE HOOKS MEML (DWH)
HOUSTON, TEXAS

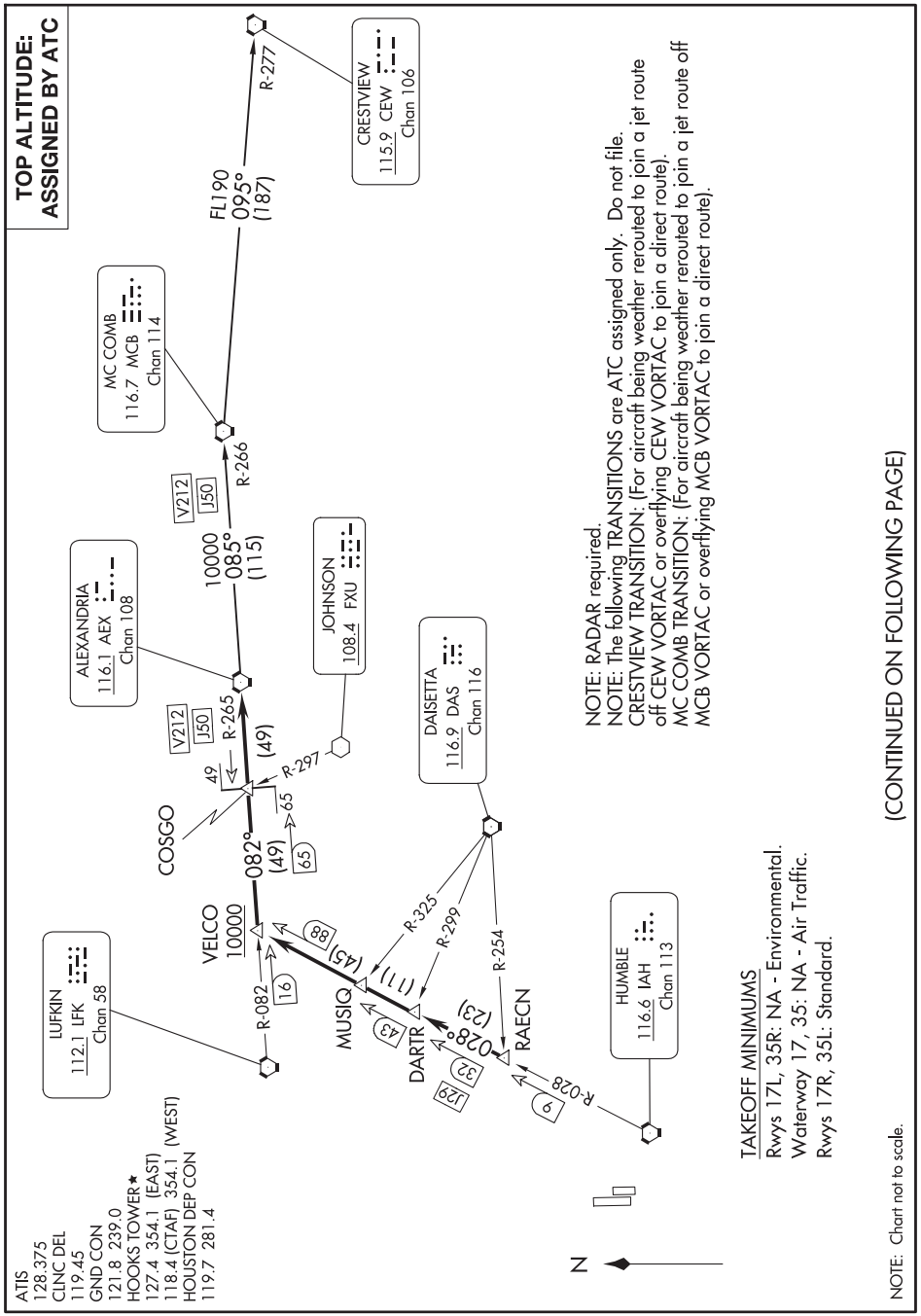


SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
HOUSTON, TEXAS
DAVID WAYNE HOOKS MEML (DWH)

ALEXANDRIA THREE DEPARTURE



(CONTINUED ON FOLLOWING PAGE)

ALEXANDRIA THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

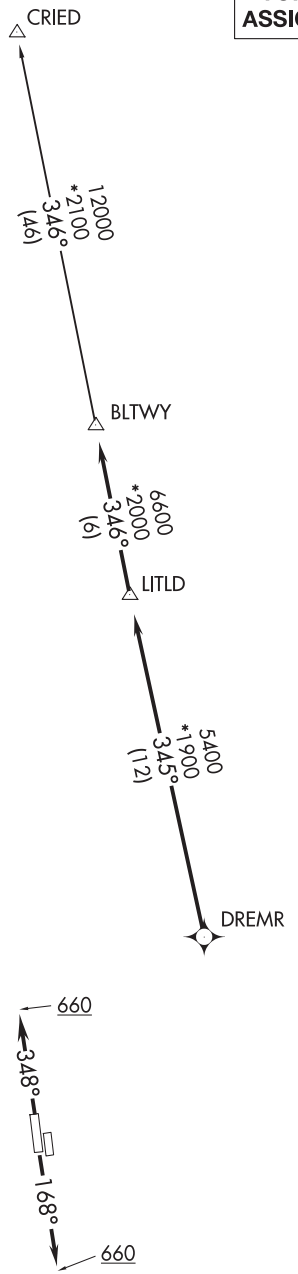
BLTWY SEVEN DEPARTURE (RNAV)

AL-5457 (FAA)

HOUSTON, TEXAS

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 17L, 35R: NA - Environmental.
Waterways 17, 35: NA - Air Traffic.
Rwys 17R, 35L: Standard with minimum climb of 500′ per NM to 660.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660 for RADAR vectors to DREMR, thence. . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660 for RADAR vectors to DREMR, thence. . . .

. . . .on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(BORRN6.BORRN) 25051 AL-5457 (FAA) DAVID WAYNE HOOKS MEML (DWH)

BORRN SIX DEPARTURE (RNAV)

HOUSTON, TEXAS

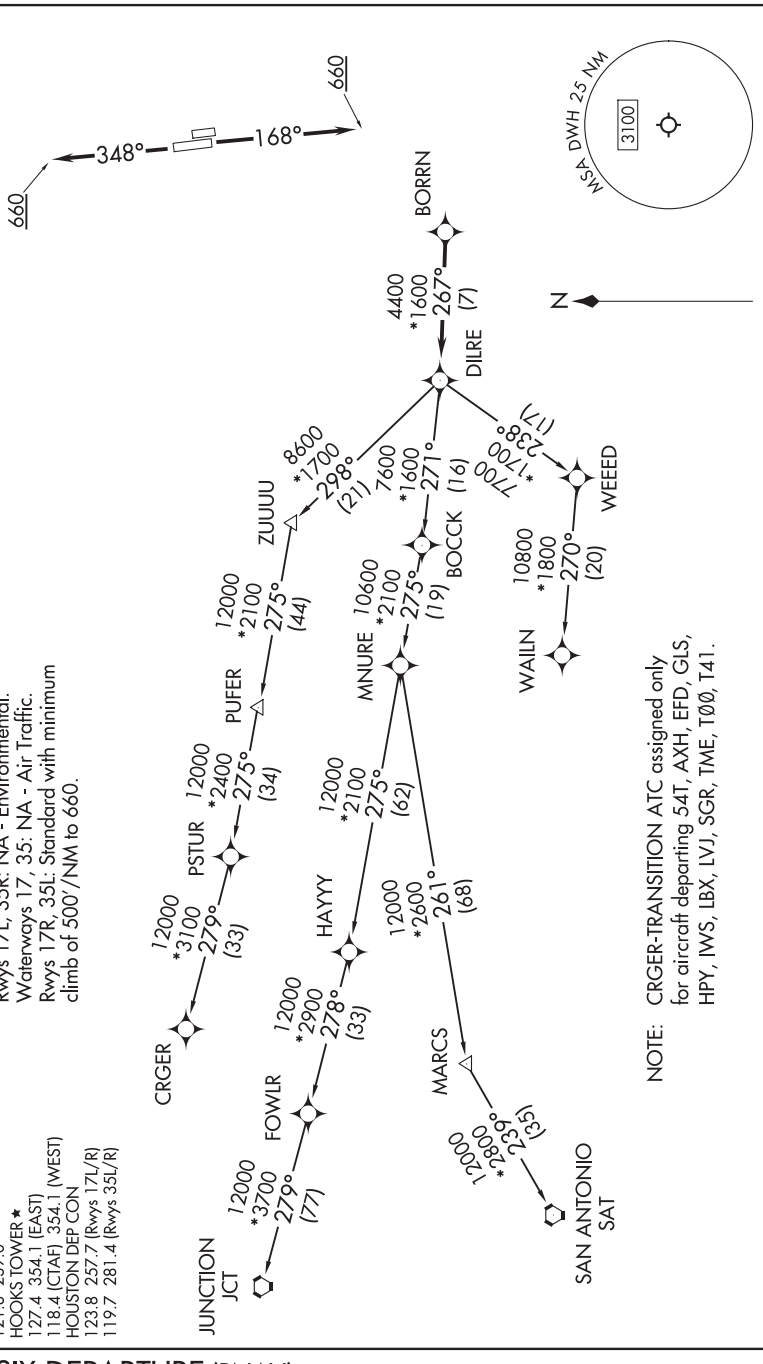
TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TAKEOFF MINIMUMS
Rwys 17L, 35R: NA - Environmental.
Waterways 17, 35: NA - Air Traffic.
Rwys 17R, 35L: Standard with minimum climb of 500'/NM to 660.

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
123.8 257.7 (Rwys 17L/R)
119.7 281.4 (Rwys 35L/R)



NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

(BORRN6.BORRN) 30NOV23

HOUSTON, TEXAS

DAVID WAYNE HOOKS MEML (DWH)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025

(CRIED1.CRIED) 24193

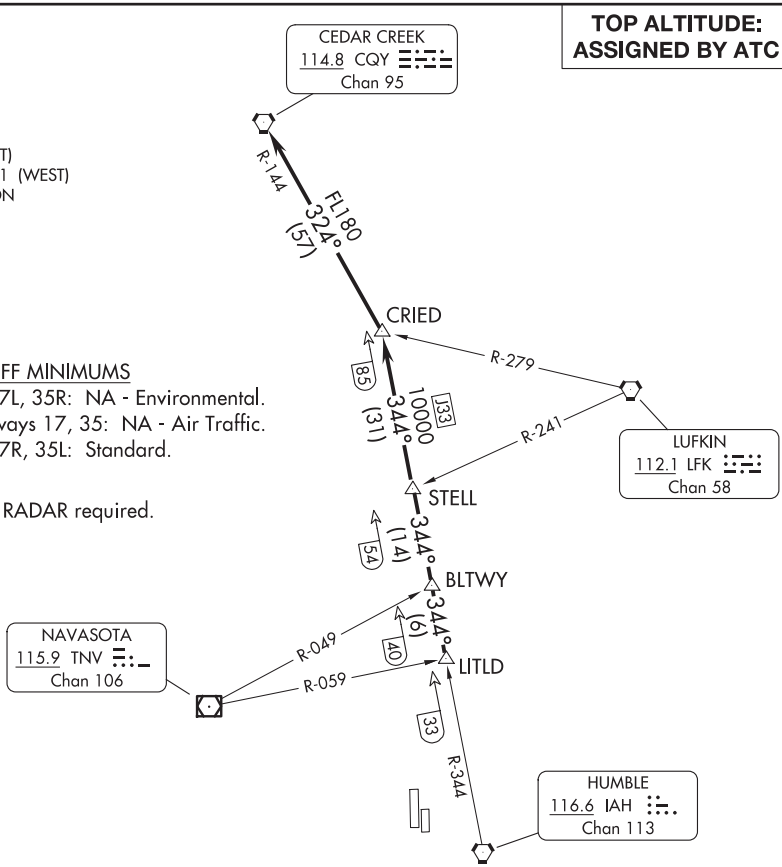
CRIED ONE DEPARTURE

AL-5457 (FAA)

DAVID WAYNE HOOKS MEML (DWH)
HOUSTON, TEXAS

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 17L, 35R: NA - Environmental.
Waterways 17, 35: NA - Air Traffic.
Rwys 17R, 35L: Standard.

NOTE: RADAR required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

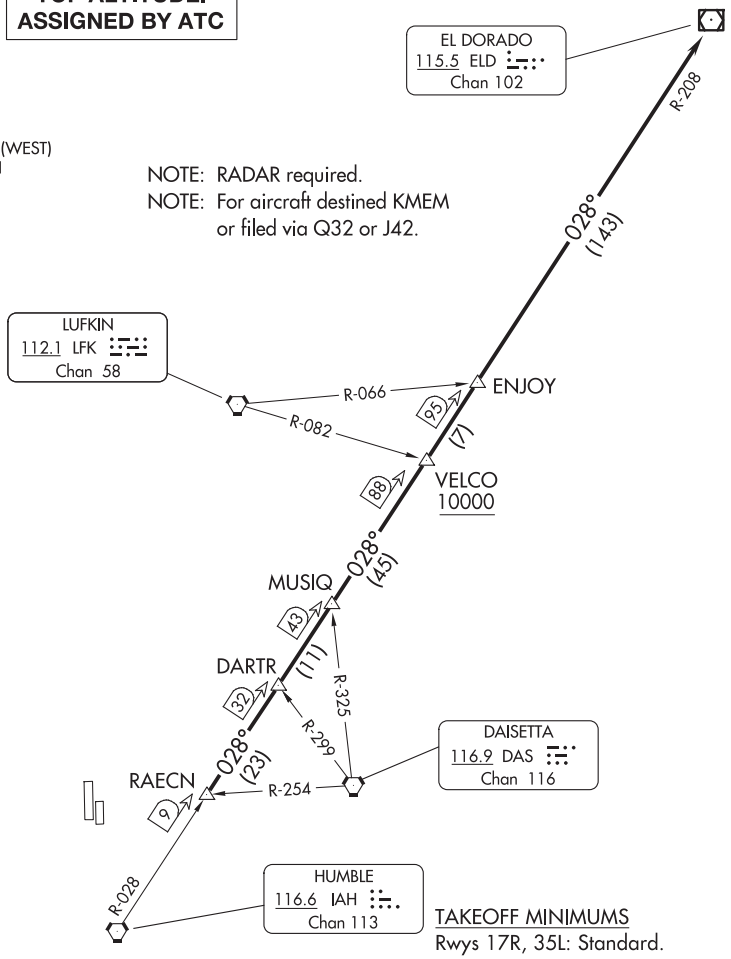
SC-5, 12 JUN 2025 to 07 AUG 2025

EL DORADO ONE DEPARTURE

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.



TAKEOFF MINIMUMS
Rwys 17R, 35L: Standard.
Rwys 17L, 35R: NA - Environmental.
Waterway 17, 35: NA - Air Traffic.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(GIFFA1.GIFFA) 24193

GIFFA ONE DEPARTURE

AL-5457 (FAA)

DAVID WAYNE HOOKS MEML (DWH)
HOUSTON, TEXAS

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.

CEDAR CREEK
114.8 CQY
Chan 95

R-128

GIFFA
10000

85

LEONA
110.8 LOA
Chan 45

R-059

358°
(44)

R-121

BUMCO

41

358°
(10)

MONNT

31

DAISETTA
116.9 DAS
Chan 116

R-292

R-358

HUMBLE
116.6 IAH
Chan 113

TAKEOFF MINIMUMS
Rwys 17L, 35R: NA - Environmental.
Rwys 17R, 35L: Standard.
Waterway 17, 35: NA - Air Traffic.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-358 to cross GIFFA INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HOODO SEVEN DEPARTURE (RNAV)
(HOODO7.HOODO) 07OCT21

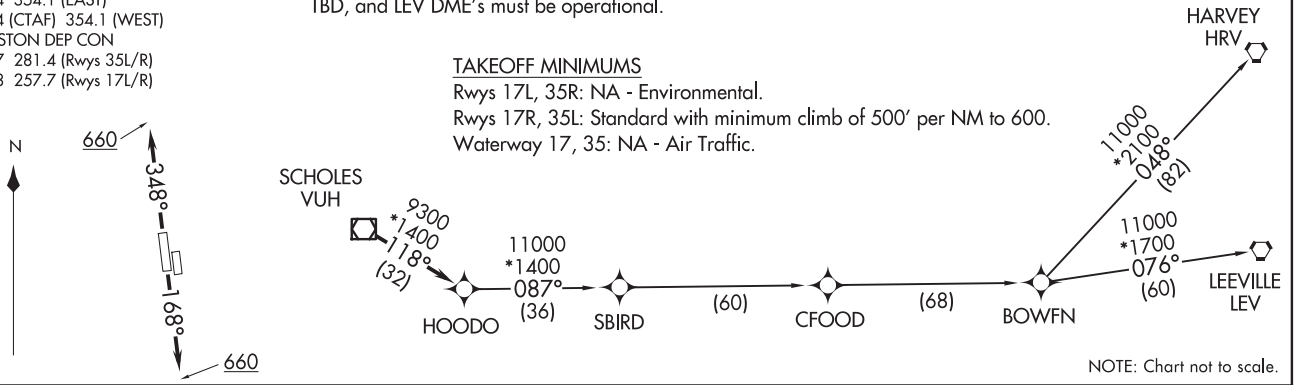
DAVID WAYNE HOOKS MEML (DWH)
HOUSTON, TEXAS

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4 (Rwys 35L/R)
123.8 257.7 (Rwys 17L/R)

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 17L, 35R: NA - Environmental.
Rwys 17R, 35L: Standard with minimum climb of 500′ per NM to 600.
Waterway 17, 35: NA - Air Traffic.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660, for RADAR vectors to VUH VOR/DME, thence. . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660, for RADAR vectors to VUH VOR/DME, thence. . . .

. . . .on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(HOODO7.HOODO) 21280
HOODO SEVEN DEPARTURE (RNAV)
AL-5457 (FAA)
DAVID WAYNE HOOKS MEML (DWH)
HOUSTON, TEXAS

(INDIE8.INDIE) 21280 AL-5457 (FAA) DAVID WAYNE HOOKS MEML (DWH)

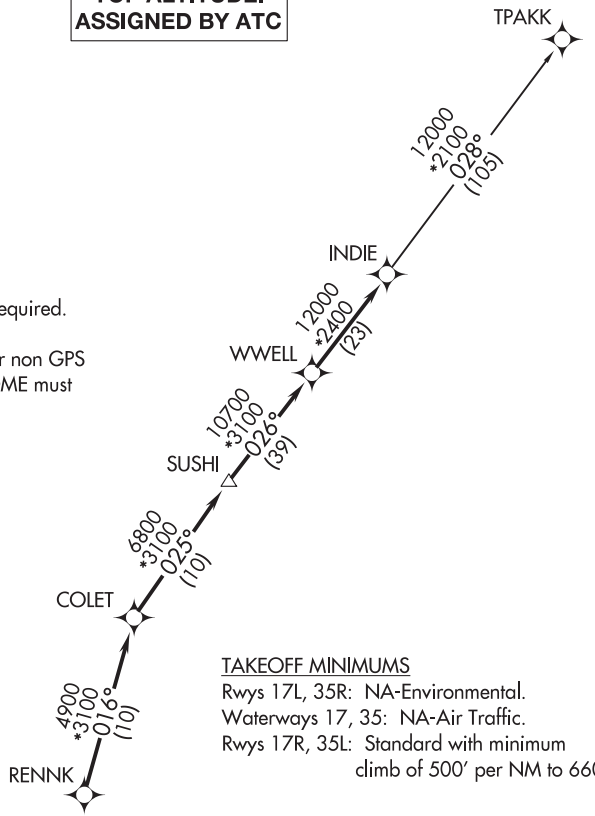
INDIE EIGHT DEPARTURE (RNAV)

HOUSTON, TEXAS

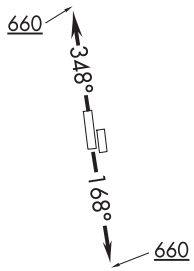
ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwys 17L, 35R: NA-Environmental.
Waterways 17, 35: NA-Air Traffic.
Rwys 17R, 35L: Standard with minimum climb of 500′ per NM to 660.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660 for RADAR vectors to RENNK, thence. . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660 for RADAR vectors to RENNK, thence. . . .

. . . .on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

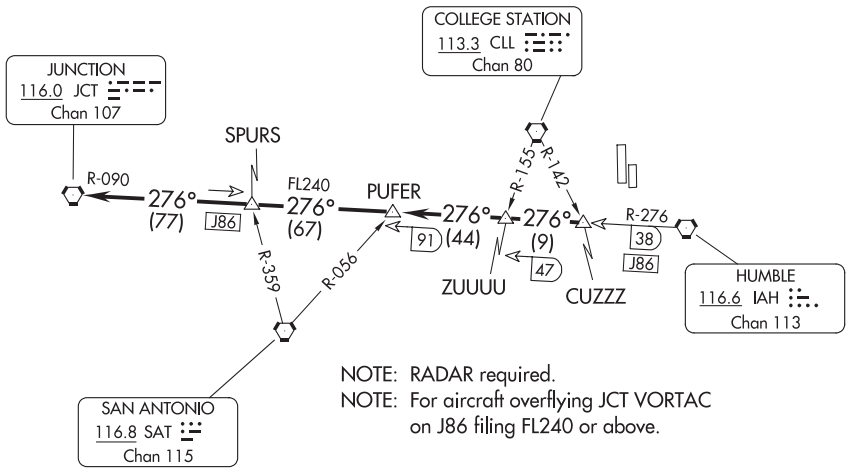
SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

JUNCTION ONE DEPARTURE

ATIS
128.375
CLNC DEL
119.45
HOUSTON DEP CON
123.8 257.7 (Rwys 17L/R)
119.7 281.4 (Rwys 35L/R)
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)

TOP ALTITUDE:

ASSIGNED BY ATC



NOTE: RADAR required.
NOTE: For aircraft overflying JCT VORTAC on J86 filing FL240 or above.

TAKEOFF MINIMUMS
Rwys 17R, 35L: Standard.
Rwys 17L, 35R: NA - Environmental.
Waterway 17, 35: NA - Air Traffic.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to CUZZZ INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

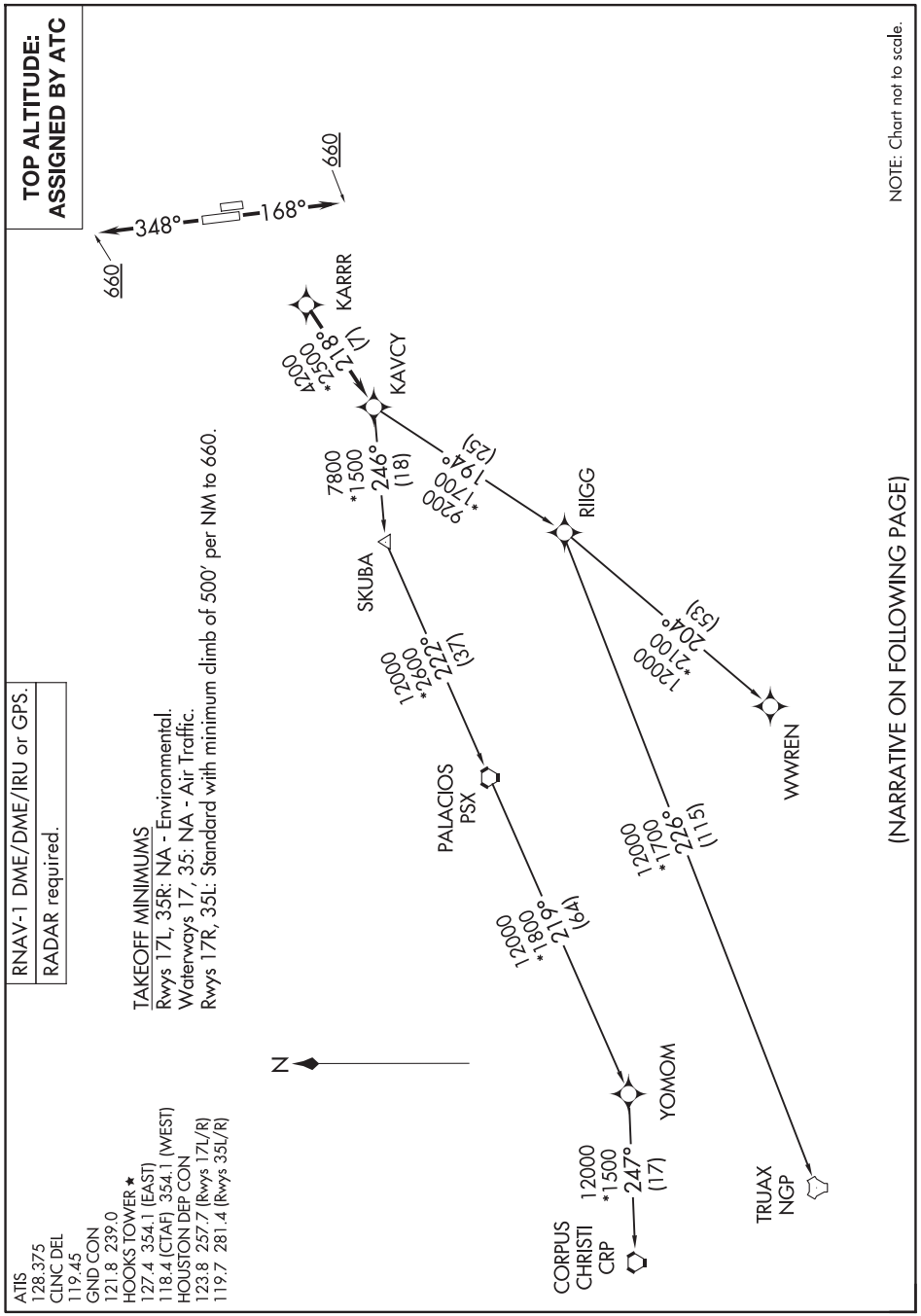
. . . .on IAH R-276 and JCT R-090 to JCT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(KARRR7.KARRR) 22363 AL-5457 (FAA)

KARRR SEVEN DEPARTURE (RNAV)

DAVID WAYNE HOOKS MEML (DWH)
HOUSTON, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)

(KARRR7.KARRR) 29DEC22

HOUSTON, TEXAS
DAVID WAYNE HOOKS MEML (DWH)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

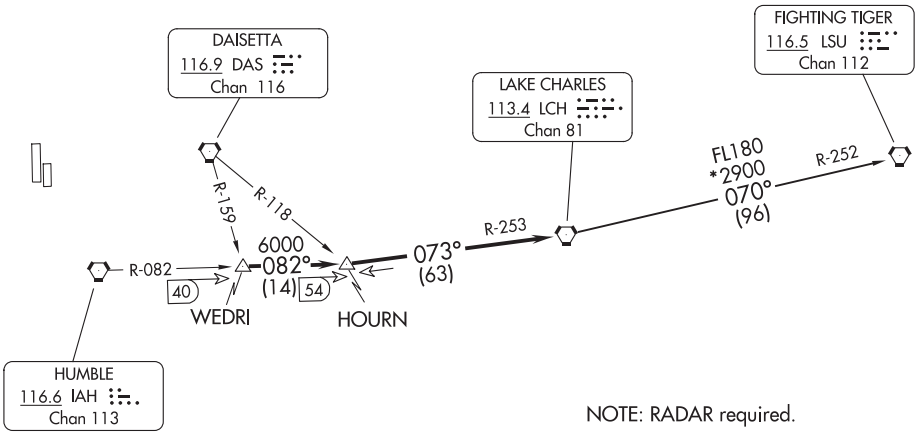
(LCH5.LCH) 24137 AL-5457 (FAA) DAVID WAYNE HOOKS MEML (DWH)

LAKE CHARLES FIVE DEPARTURE

HOUSTON, TEXAS

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER*
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

TAKEOFF MINIMUMS
Rwy 17L, 35R NA - Environmental.
Waterway 17, 35 NA - Air Traffic.
Rwy 17R, 35L Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, climb on assigned heading for RADAR vectors to WEDRI INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-082 to HOURN INT, then on LCH R-253 to LCH VORTAC.

FIGHTING TIGERS TRANSITION (LCH5.LSU): From over LCH VORTAC on LCH R-070 and LSU R-252 to LSU VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

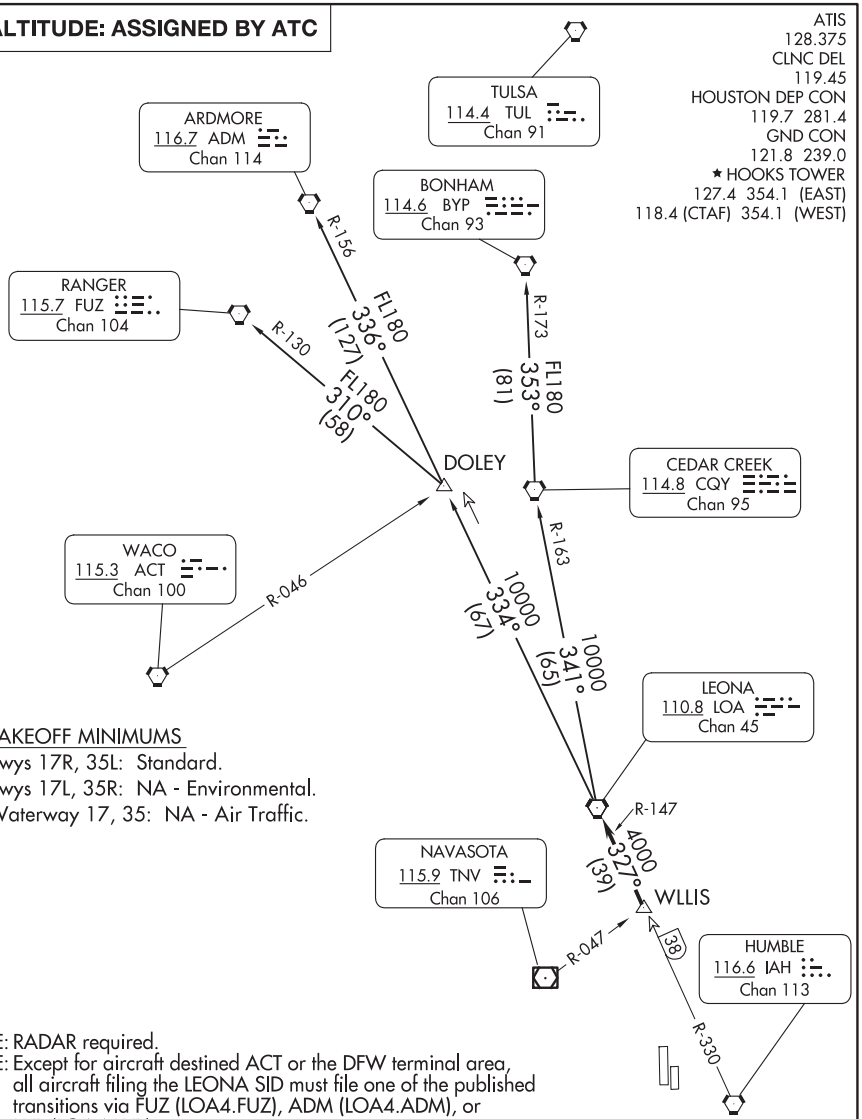
LEONA FOUR DEPARTURE

AL-5457 (FAA)

HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
128.375
CLNC DEL
119.45
HOUSTON DEP CON
119.7 281.4
GND CON
121.8 239.0
★ HOOKS TOWER
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)



TAKEOFF MINIMUMS
Rwys 17R, 35L: Standard.
Rwys 17L, 35R: NA - Environmental.
Waterway 17, 35: NA - Air Traffic.

NOTE: RADAR required.
NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).
NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.
NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.
NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

LUFKIN THREE DEPARTURE

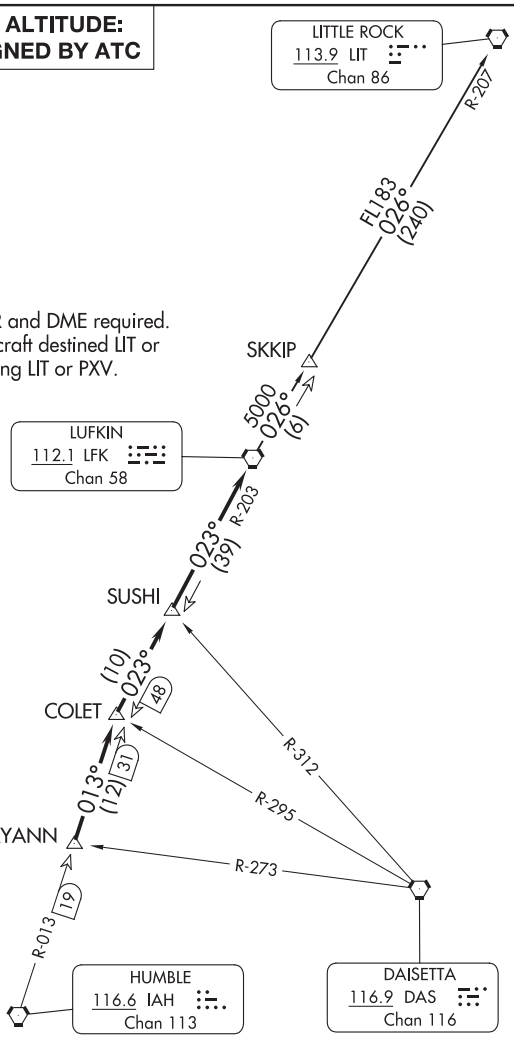
AL-5457 (FAA)

HOUSTON, TEXAS

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.



TAKEOFF MINIMUMS
Rwys 17L, 35R: NA - Environmental.
Waterways 17, 35: NA - Air Traffic.
Rwys 17R, 35L: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

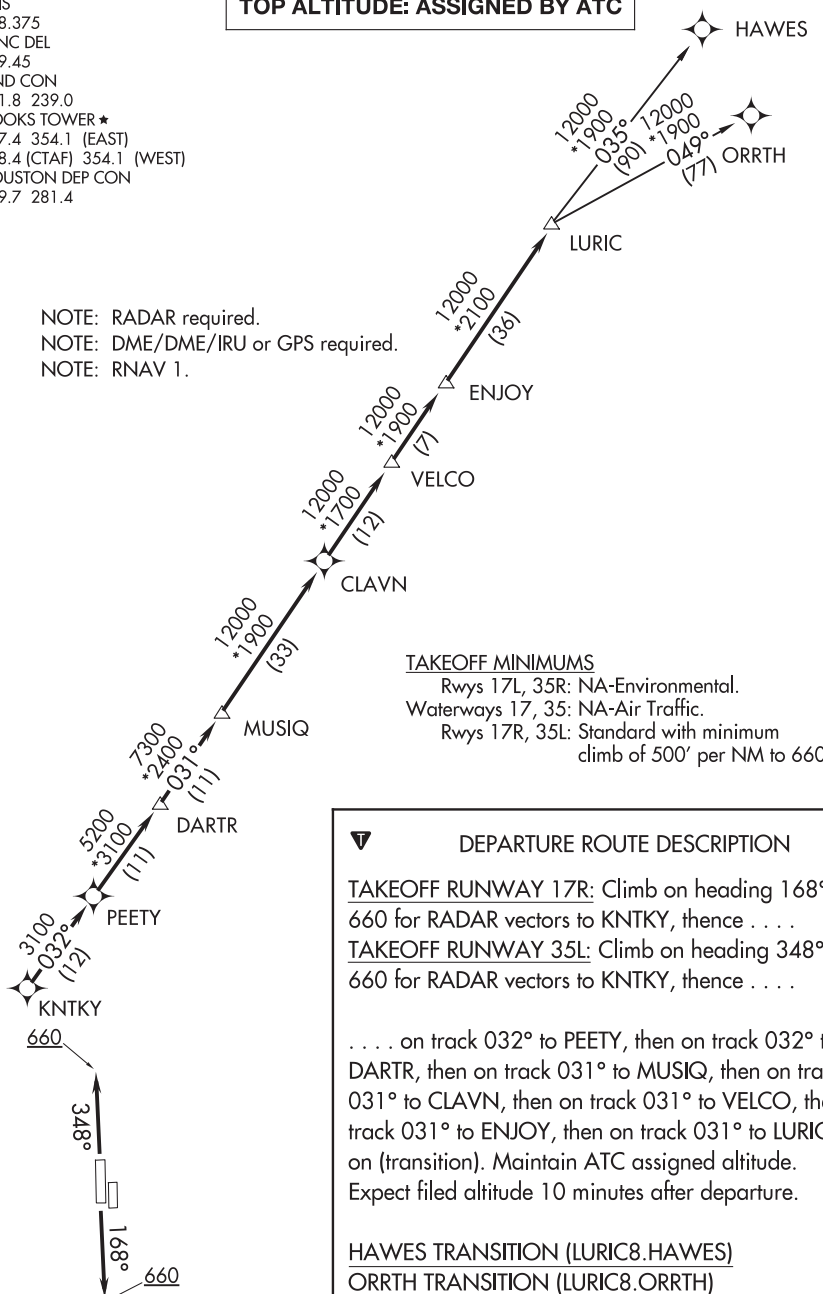
LURIC EIGHT DEPARTURE (RNAV)

HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

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



NOTE: Chart not to scale.

TAKEOFF MINIMUMS
Rwys 17L, 35R: NA-Environmental.
Waterways 17, 35: NA-Air Traffic.
Rwys 17R, 35L: Standard with minimum climb of 500′ per NM to 660.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

(MMALT7.MMALT) 23334

DAVID WAYNE HOOKS MEML (DWH)

MMALT SEVEN DEPARTURE (RNAV)

AL-5457 (FAA)

HOUSTON, TEXAS

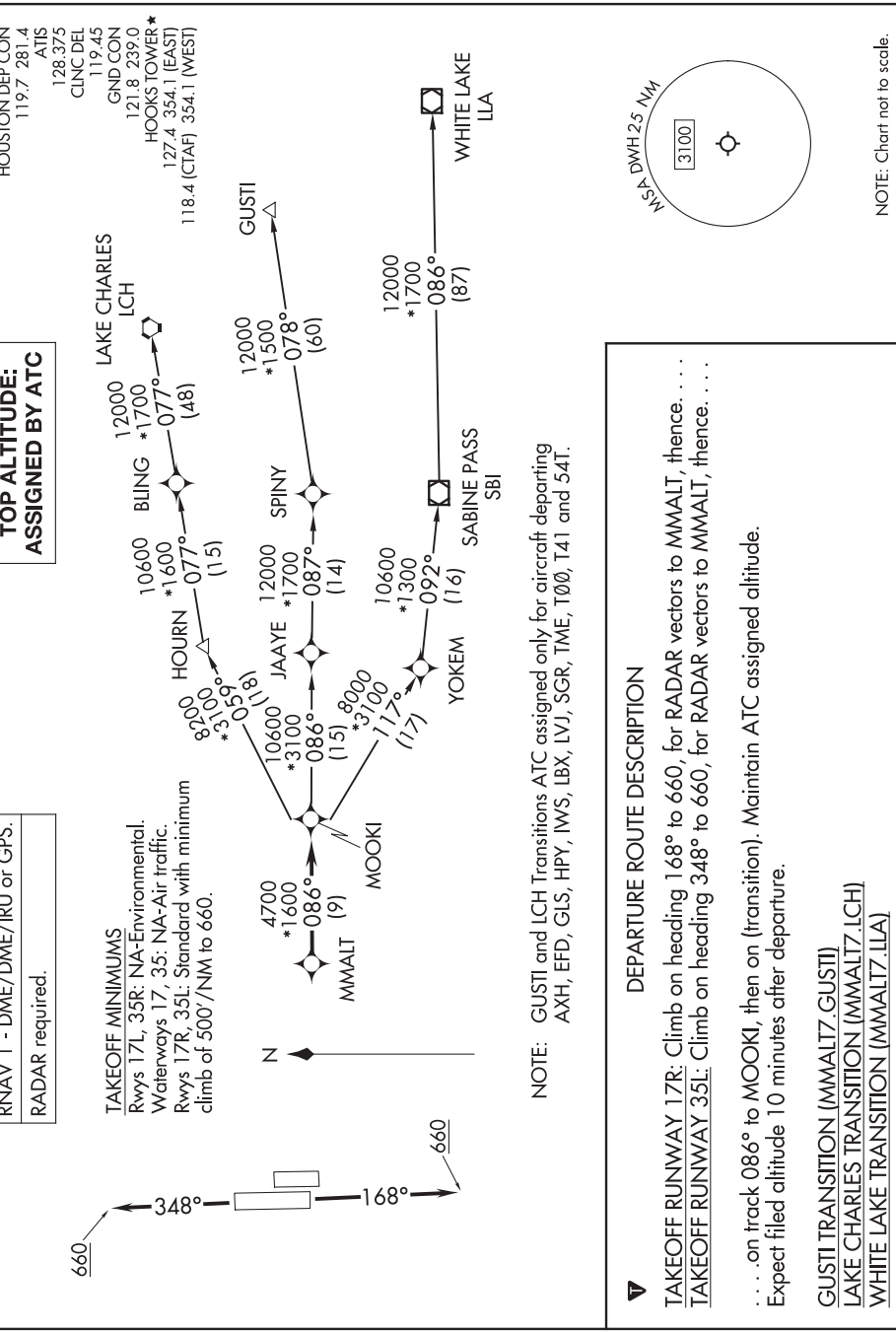
HOUSTON DEP CON 119.7 281.4
ATIS 128.375
CLNC DEL 119.45
GND CON 121.8 239.0
HOOKS TOWER★ 127.4 354.1 (EAST) 118.4 (CTAF) 354.1 (WEST)

TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TAKEOFF MINIMUMS
Rwys 17L, 35R: NA-Environmental.
Waterways 17, 35: NA-Air traffic.
Rwys 17R, 35L: Standard with minimum climb of 500'/NM to 660.



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41 and 54T.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

SC-5, 12 JUN 2025 to 07 AUG 2025

MMALT SEVEN DEPARTURE (RNAV)

HOUSTON, TEXAS

(MMALT7.MMALT) 30NOV23

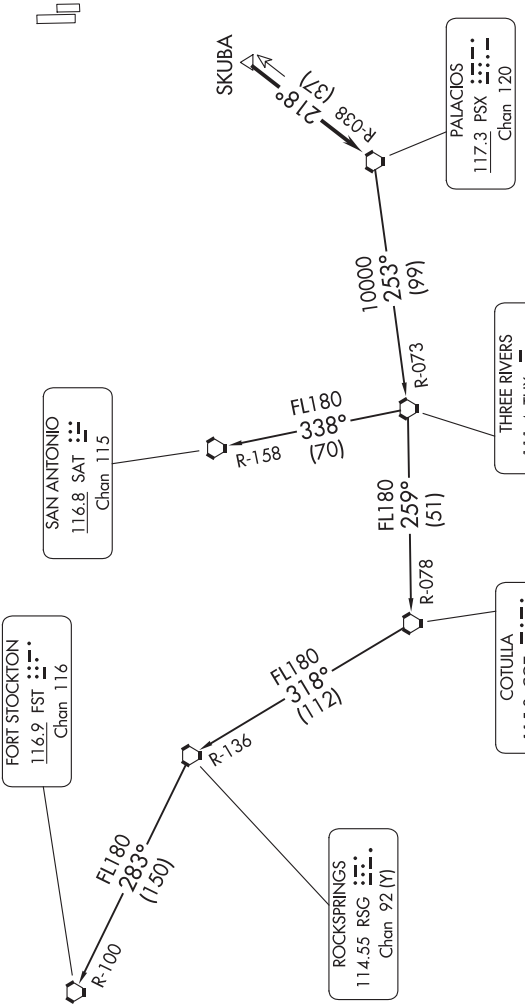
DAVID WAYNE HOOKS MEML (DWH)

TOP ALTITUDE: ASSIGNED BY ATC

RADAR and DME required.

TAKEOFF MINIMUMS
Rwys 17L, 35R: NA - Environmental.
Waterways 17, 35: NA - Air Traffic.
Rwys 17R, 35L: Standard.

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4 (Rwys 35L/R)
123.8 257.7 (Rwys 17L/R)



(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

STRYA EIGHT DEPARTURE (RNAV)

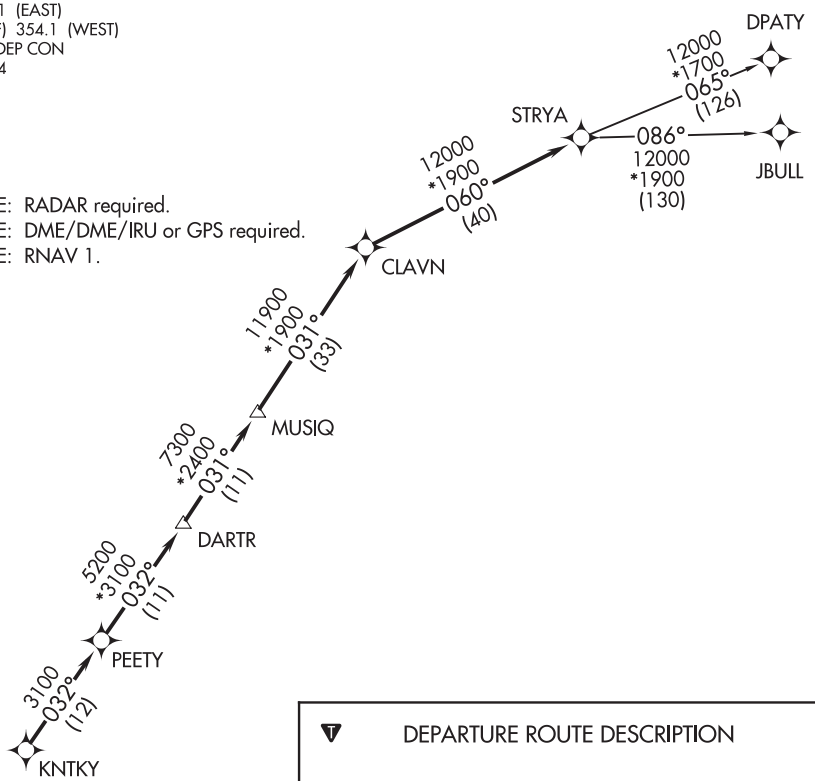
HOUSTON, TEXAS

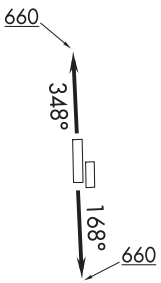
TOP ALTITUDE: ASSIGNED BY ATC

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

TAKEOFF MINIMUMS
Rwys 17L, 35R: NA-Environmental.
Waterway 17, 35: NA-Air Traffic.
Rwys 17R, 35L: Standard with minimum climb of 500′ per NM to 660.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

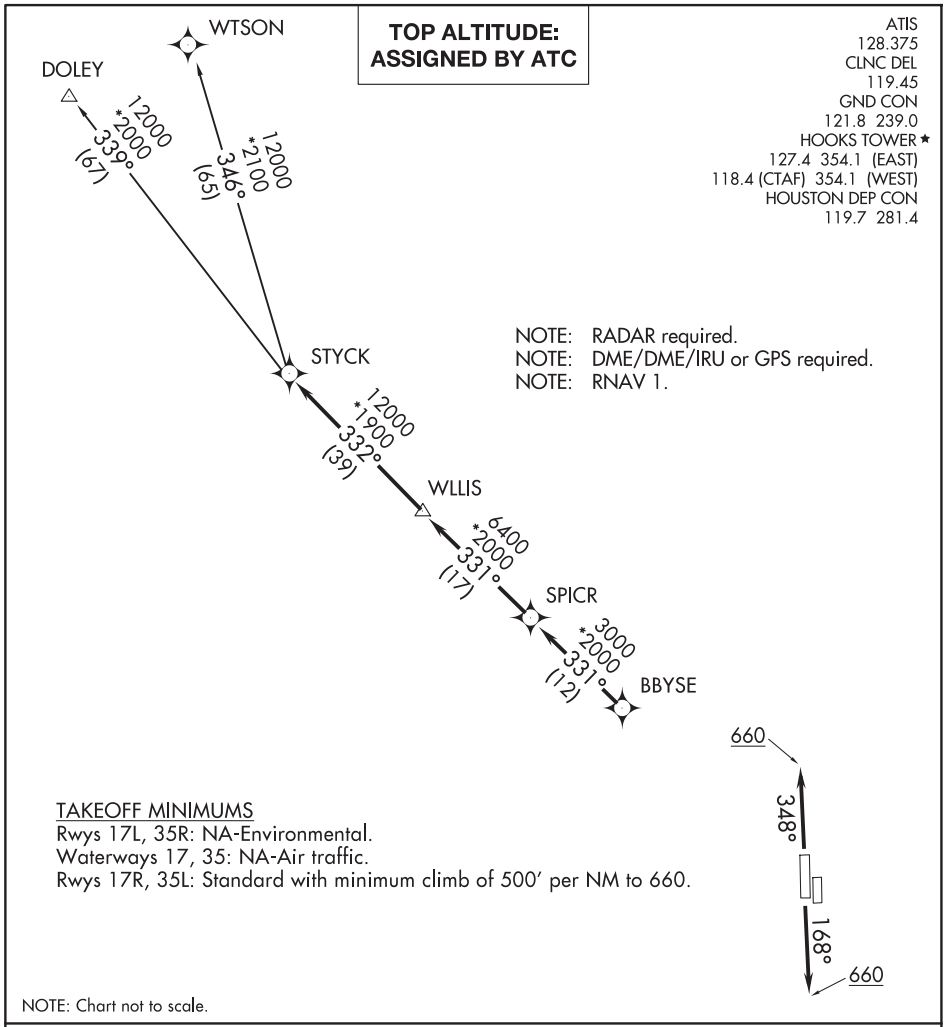
DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(STYCK8.STYCK) 21280 AL-5457 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

DAVID WAYNE HOOKS MEML (DWH)
HOUSTON, TEXAS



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025

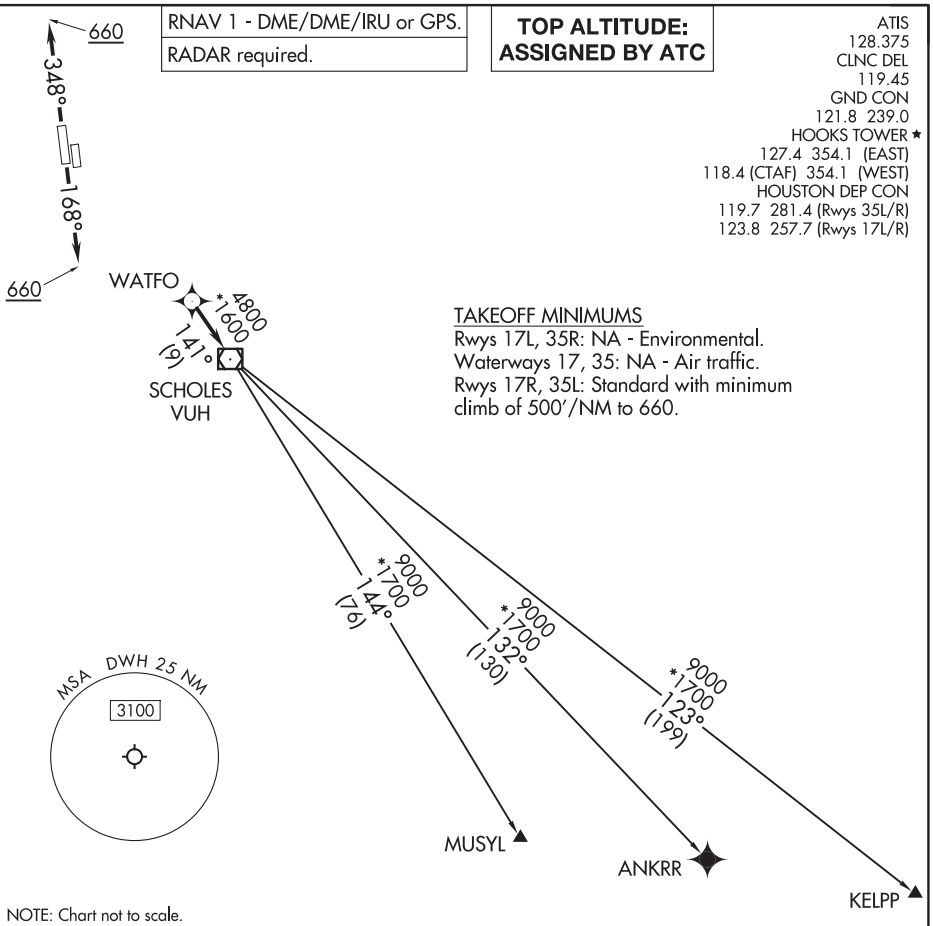
WATFO SIX DEPARTURE (RNAV)

DAVID WAYNE HOOKS MEML (DWH)
HOUSTON, TEXAS

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

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4 (Rwys 35L/R)
123.8 257.7 (Rwys 17L/R)



TAKEOFF MINIMUMS
Rwys 17L, 35R: NA - Environmental.
Waterways 17, 35: NA - Air traffic.
Rwys 17R, 35L: Standard with minimum climb of 500′/NM to 660.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

(WYLSN8.WYLSN) 21280 AL-5457 (FAA) DAVID WAYNE HOOKS MEML (DWH)

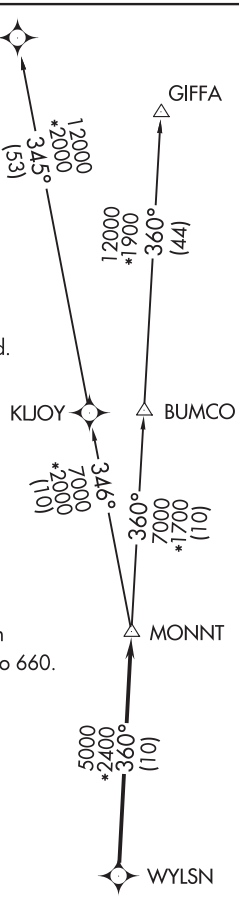
WYLSN EIGHT DEPARTURE (RNAV)

HOUSTON, TEXAS

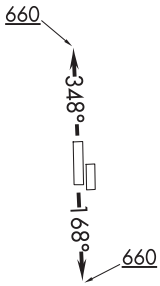
ATIS
128.375
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
123.8 257.7 (Rwy 17L/R)
119.7 281.4 (Rwy 35L/R)

TOP ALTITUDE: ASSIGNED BY ATC

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



TAKEOFF MINIMUMS
Rwys 17L, 35R: NA - Environmental.
Waterways 17, 35: NA - Air Traffic.
Rwys 17R, 35L: Standard with minimum climb of 500′ per NM to 660.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17R: Climb on heading 168° to 660 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 35L: Climb on heading 348° to 660 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

SC-5, 12 JUN 2025 to 07 AUG 2025

ILS Z or LOC Z RWY 17R
ELLINGTON (EFD)

LOC I-LPV	APP CRS	Rwy ldg	9001
110.3	174°	TDZE	32
		Apt Elev	33

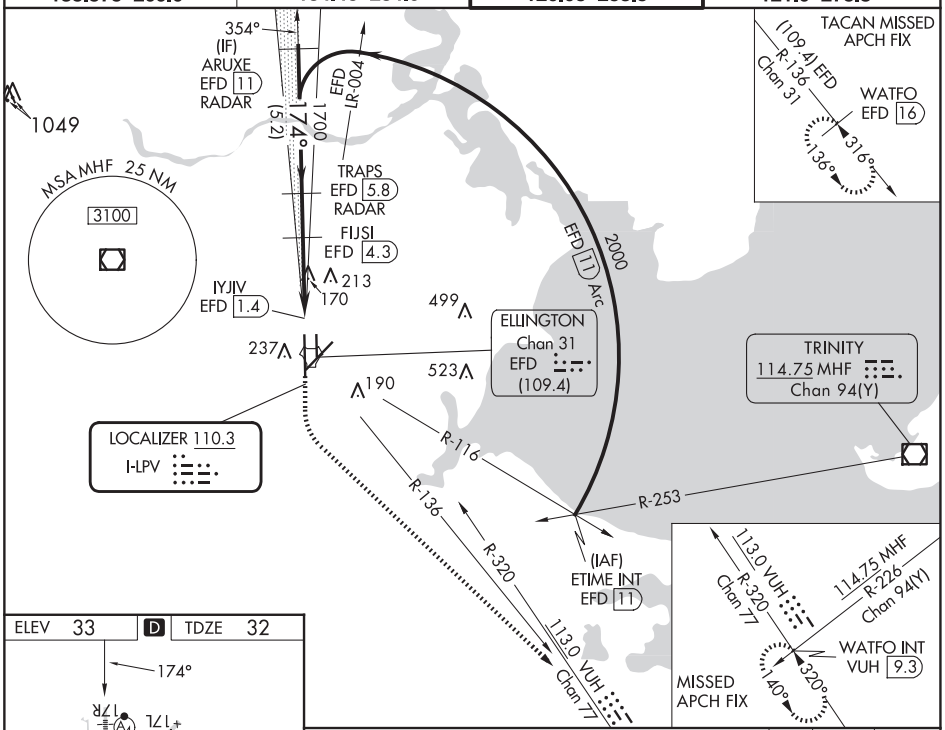
DME required. RADAR required for procedure entry.

Circling NA west of Rwy 17R-35L. DME from EFD TACAN. Simultaneous reception of I-LPV and EFD DME required. Inop table does not apply to S-ILS 17R. For inop ALS, increase S-LOC 17R Cats C/D/E visibility to 1⅜ SM.

MALSF

MISSED APPROACH: Climb to 700 then climbing left turn to 3100 on VUH VOR/DME R-320 to WATFO INT/VUH 9.3 DME and hold (TACAN aircraft climb to 700 then climbing left turn to 3100 on EFD TACAN R-136 to WATFO INT/EFD 16 DME and hold southeast, left turn, 316° inbound).

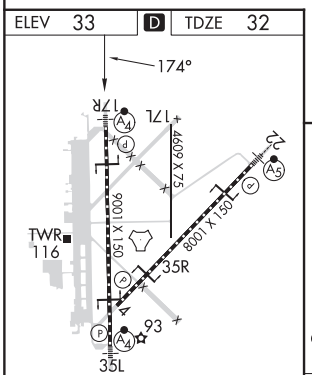
ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ELEV 33 | D | TDZE 32

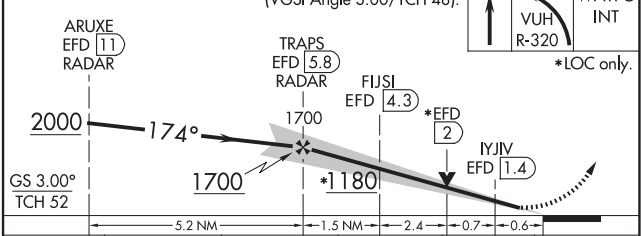


HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

VGSI and ILS glidepath not coincident
(VGSI Angle 3.00/TCH 48).

700	3100	WATFO INT
	VUH R-320	

*LOC only.



CATEGORY	A	B	C	D	E
S-ILS 17R	232/40 200 (200-¾)				
S-LOC 17R	480/40 448 (500-¾)		480/55 448 (500-1)		
C CIRCLING	500-1 467 (500-1)		580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)

HOUSTON, TEXAS

AL-197 (FAA)

24137

ILS Z or LOC Z RWY 22

ELLINGTON (EFD)

LOC I-FNF	APP CRS	Rwy ldg	8001
110.1	219°	TDZE	31
		Apt Elev	33

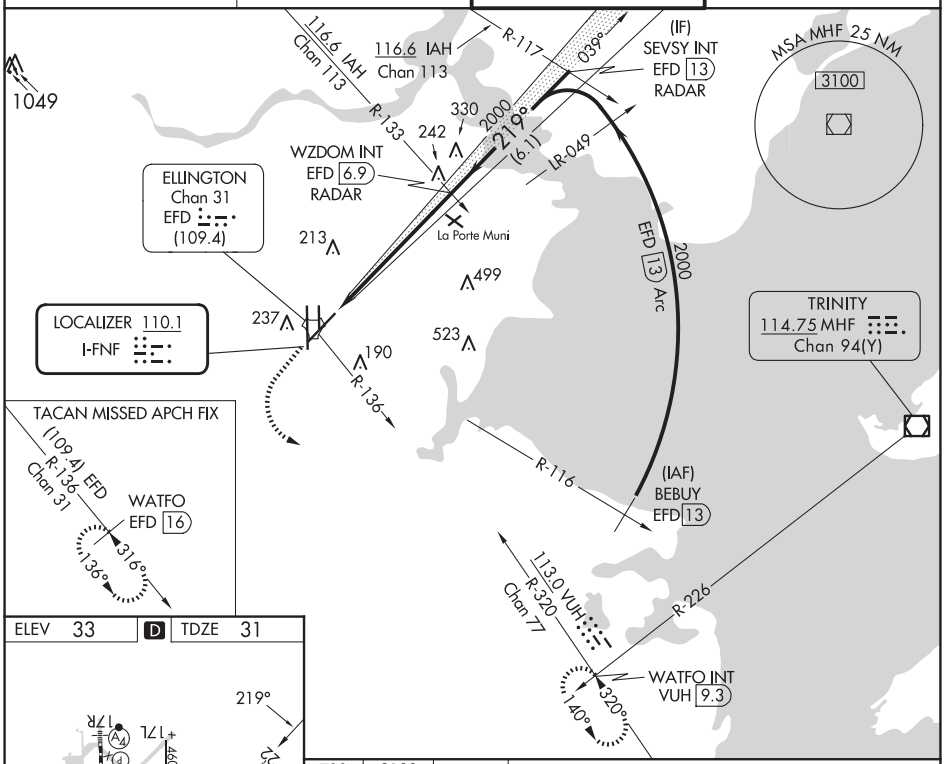
RADAR required for procedure entry.

Circling NA west of Rwy 17R-35L. DME from EFD TACAN. Simultaneous reception of I-FNF and EFD DME required. For inop ALS, increase S-ILS 22 Cat E visibility to RVR 4000 and S-LOC 22 Cat E visibility to 1½ SM.

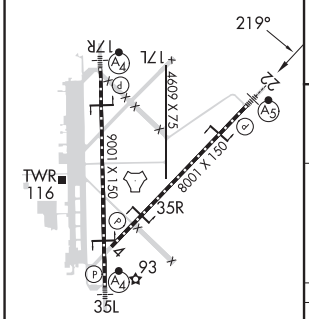
MALSR

MISSED APPROACH: Climb to 700 then climbing left turn to 3100 on VUH VOR/DME R-320 to WATFO INT/VUH 9.3 DME and hold. (TACAN aircraft climb to 700 then climbing left turn to 3100 on EFD TACAN R-136 to WATFO/EFD 16 DME and hold southeast, left turn, 316° inbound.)

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

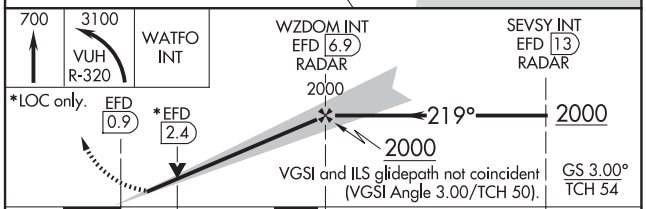


ELEV 33 | D | TDZE 31



HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

FAF to MAP 6 NM					
Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00



CATEGORY	A	B	C	D	E
S-ILS 22	231/18 200 (200-½)				
S-LOC 22	560/24 529 (600-½)		560/55 529 (600-1)		
C CIRCLING	560-1 527 (600-1)		580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ILS Z or LOC Z RWY 35L
ELLINGTON (EFD)

LOC I-EFD	APP CRS	Rwy ldg	9001
111.1	354°	TDZE	28
		Apt Elev	33

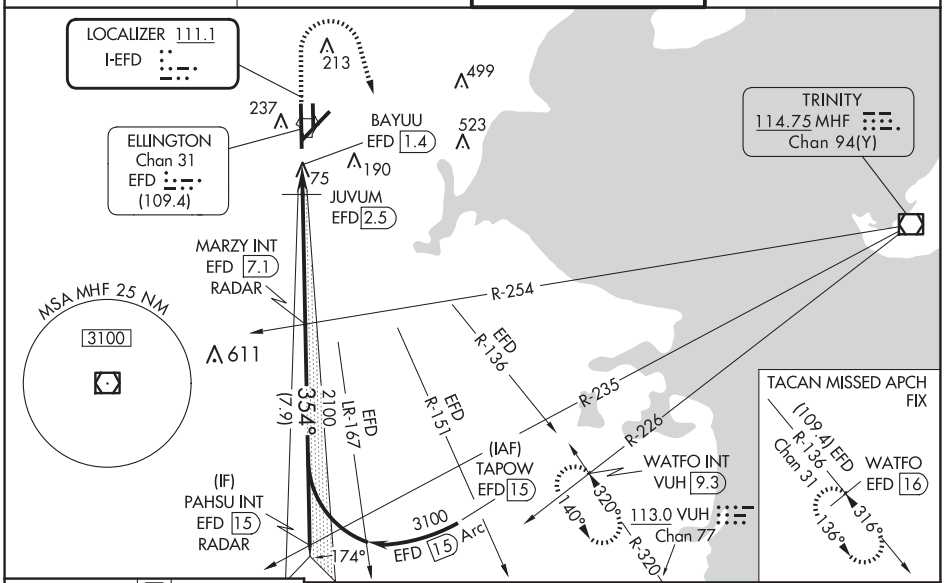
RADAR required for procedure entry.

Circling NA west of Rwy 17R-35L. DME from EFD TACAN. Simultaneous reception of I-EFD and EFD DME required. Inop table does not apply to S-ILS 35L. For inop ALS, increase S-LOC 35L Cat C/D/E visibility to 1¾ SM. For inop ALS when using JUVUM fix minimums, increase S-LOC 35L Cat C/D/E visibility to RVR 6000.

MALSF

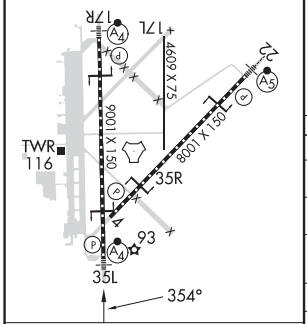
MISSED APPROACH: Climb to 700 then climbing right turn to 3100 on VUH VOR/DME R-320 to WATFO INT/VUH 9.3 DME and hold. (TACAN aircraft climb to 700 then climbing right turn to 3100 on EFD TACAN R-136 to WATFO/EFD 16 DME and hold southeast, left turn, 316° inbound).

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8



ELEV	33	D	TDZE	28

HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

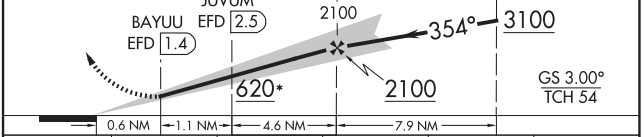


FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

700	3100	WATFO INT
	VUH R-320	

*LOC only.

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 32).



CATEGORY	A	B	C	D	E
S-ILS 35L	228/40 200 (200-¾)				
S-LOC 35L	620/40 592 (600-¾)		620-1⅜ 592 (600-1⅜)		
C CIRCLING	620-1 587 (600-1)		620-1¾ 587 (600-1¾)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)
JUVUM FIX MINIMUMS (DME REQUIRED)					
S-LOC 35L	440/40 412 (500-¾)		440/50 412 (500-1)		
C CIRCLING	500-1 467 (500-1)		580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS

AL-197 (FAA)

24137

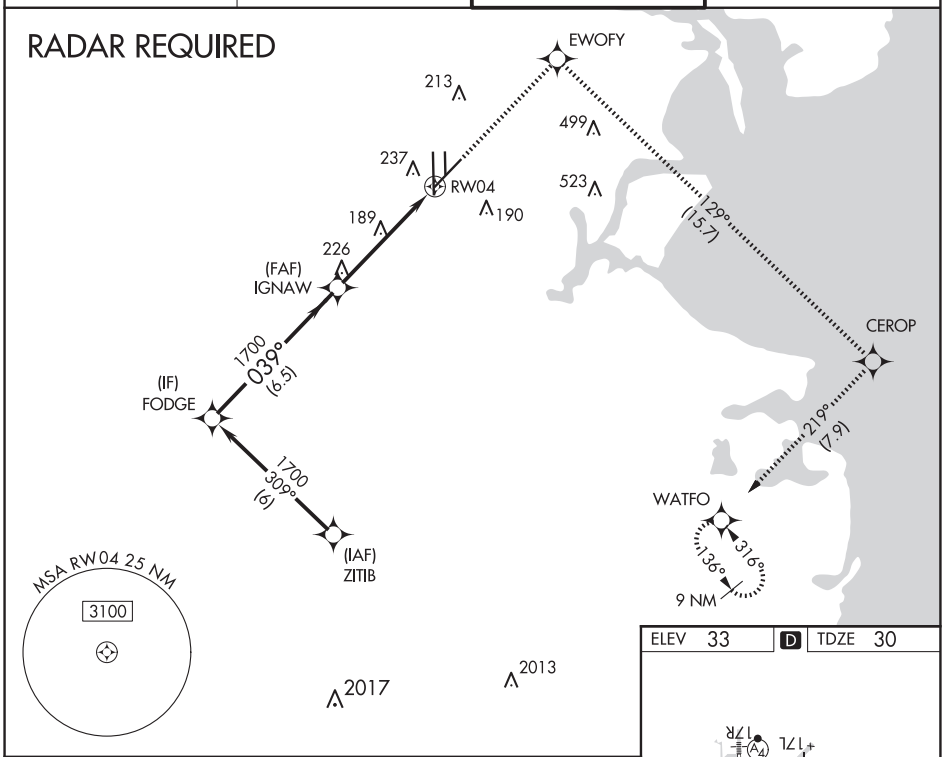
RNAV (GPS) RWY 4
ELLINGTON (EFD)

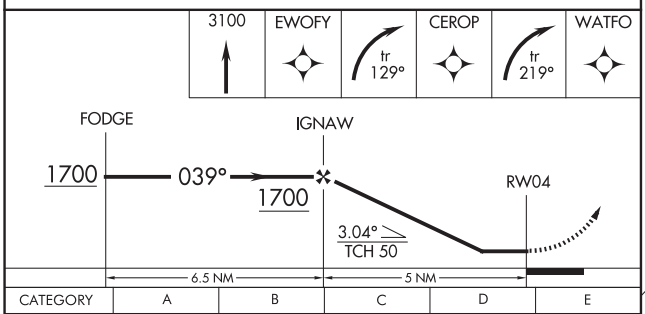
APP CRS	Rwy ldg	8001
039°	TDZE	30
	Apt Elev	33

T A Circling NA west of Rwy 17R-35L.
DME/DME RNP-0.3 NA.
Helicopter visibility reduction below 1 SM NA.

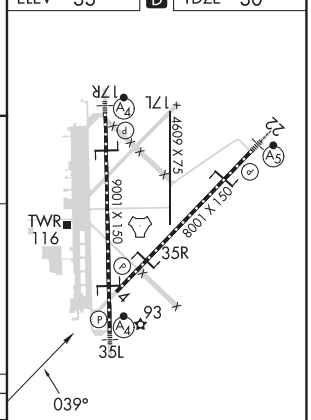
MISSED APPROACH: Climb to 3100 direct EWOFY and right turn on track 129° to CEROP and right turn on track 219° to WATFO and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8





CATEGORY	A	B	C	D	E
LNAV MDA	500-1 470 (500-1)		500-1⅜ 470 (500-1⅜)		
C CIRCLING	500-1 467 (500-1)		580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)



HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 17R
ELLINGTON (EFD)

WAAS CH 70625 W17A	APP CRS 174°	Rwy ldg 9001 TDZE 32 Apt Elev 33

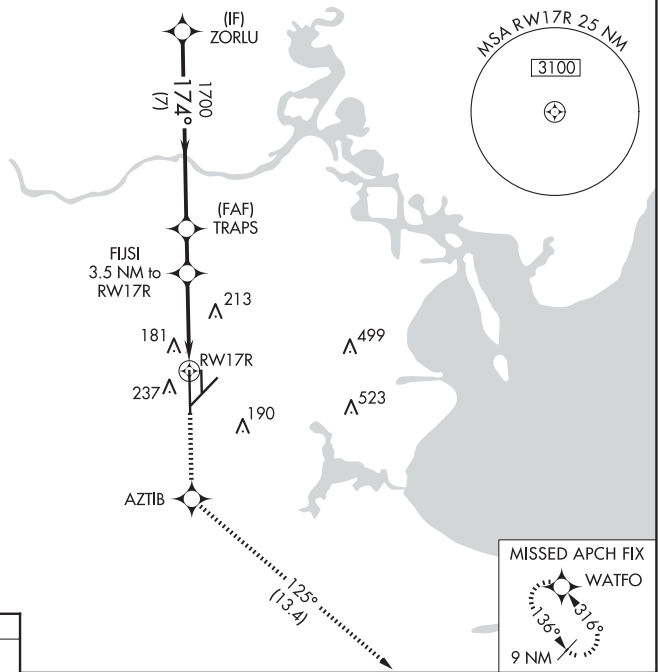
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 43°C (109°F). DME/DME RNP-0.3 NA. Inop table does not apply to LPV DA. For inop MALSF, increase LNAV/VNAV all Cats and LNAV Cats A and B visibility to RVR 5500 and Cats C/D/E visibility to 1⅜ miles. Circling NA west of Rwy 17R-35L.

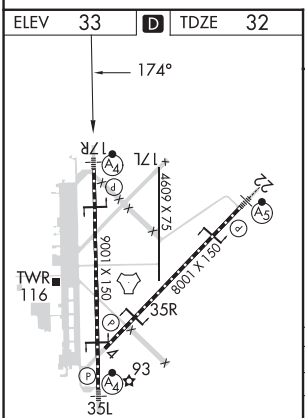
MALSF

MISSED APPROACH: Climb to 3100 direct AZTIB and on track 125° to WATFO and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

RADAR REQUIRED

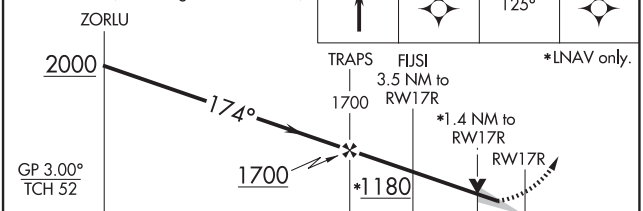




HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 48).

3100	AZTIB	tr 125°	WATFO



*LNAV only.

CATEGORY	A	B	C	D	E
LPV DA	232/40 200 (200-¾)				
LNAV/VNAV DA	363/40 331 (400-¾)				
LNAV MDA	500/40 468 (500-¾)		500/60 468 (500-1¼)		
C CIRCLING	500-1 467 (500-1)		580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS

AL-197 (FAA)

24137

RNAV (GPS) RWY 22
ELLINGTON (EFD)

WAAS CH 61111 W22A	APP CRS 219°	Rwy ldg 8001 TDZE 31 Apt Elev 33

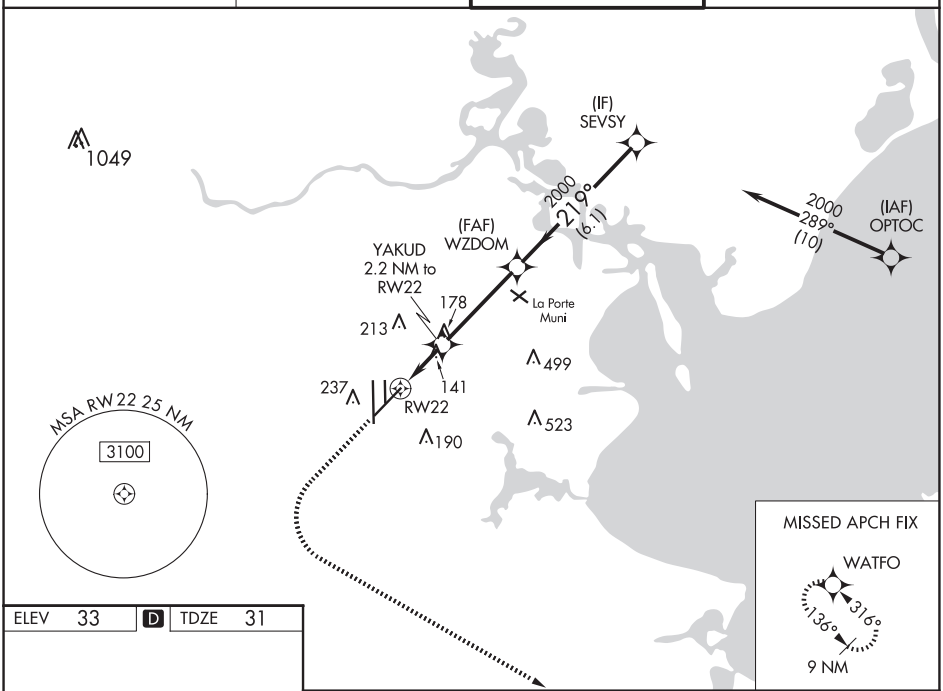
RNP APCH.

Circling NA west of Rwy 17R - 35L. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°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/E visibility to RVR 5500.

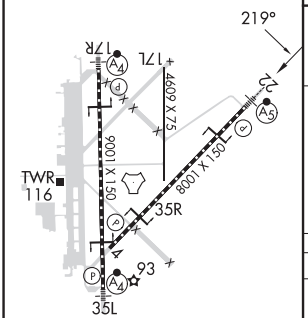
MALSR

MISSED APPROACH: Climb to 500 then climbing left turn to 3100 direct WATFO and hold.

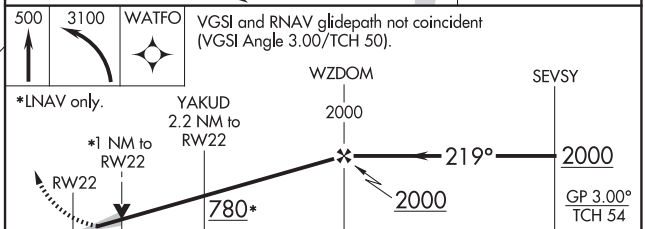
ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8



ELEV 33 | D | TDZE 31



HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L



CATEGORY	A	B	C	D	E
LPV DA	231/18 200 (200-½)				
LNAV/VNAV DA	341/24 310 (400-½)				
LNAV MDA	400/24 369 (400-½)		400/35 369 (400-⅝)		
C CIRCLING	500-1 467 (500-1)		580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 97629 W35A	APP CRS 354°	Rwy ldg 9001 TDZE 28 Apt Elev 33

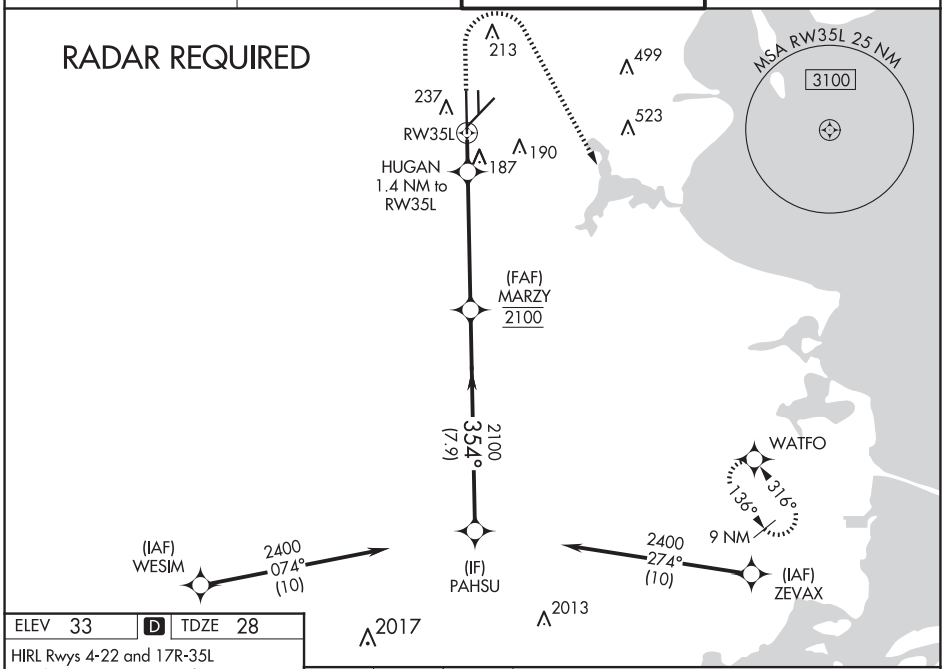
RNAV (GPS) RWY 35L
ELLINGTON (EFD)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 43°C (109°F). Circling NA west of Rwy 17R-35L. DME/DME RNP-0.3 NA. For inop MALSF, increase LNAV/VNAV all Cats visibility to 1⅝ mile, and LNAV Cats A and B visibility to 1 mile and Cats C, D and E visibility to 1⅛ mile. Inop table does not apply to LPV.

MALSF

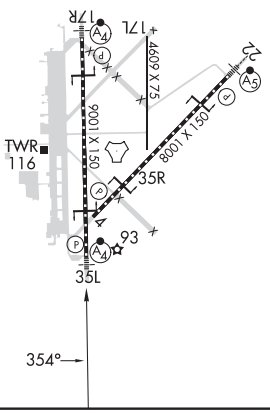
MISSED APPROACH: Climb to 1500 then climbing right turn to 3100 direct WATFO and hold.

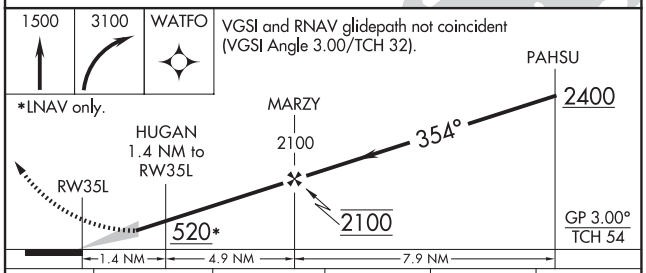
ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8



ELEV 33 | D | TDZE 28

HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L





CATEGORY	A	B	C	D	E
LPV DA	228/40 200 (200-¾)				
LNAV/VNAV DA	499/60 471 (500-1¼)				
LNAV MDA	440/40 412 (500-¾)		440/50 412 (500-1)		
C CIRCLING	500-1 468 (500-1)		580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)

SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS

AL-197 (FAA)

24137

TACAN RWY 4
ELLINGTON (EFD)

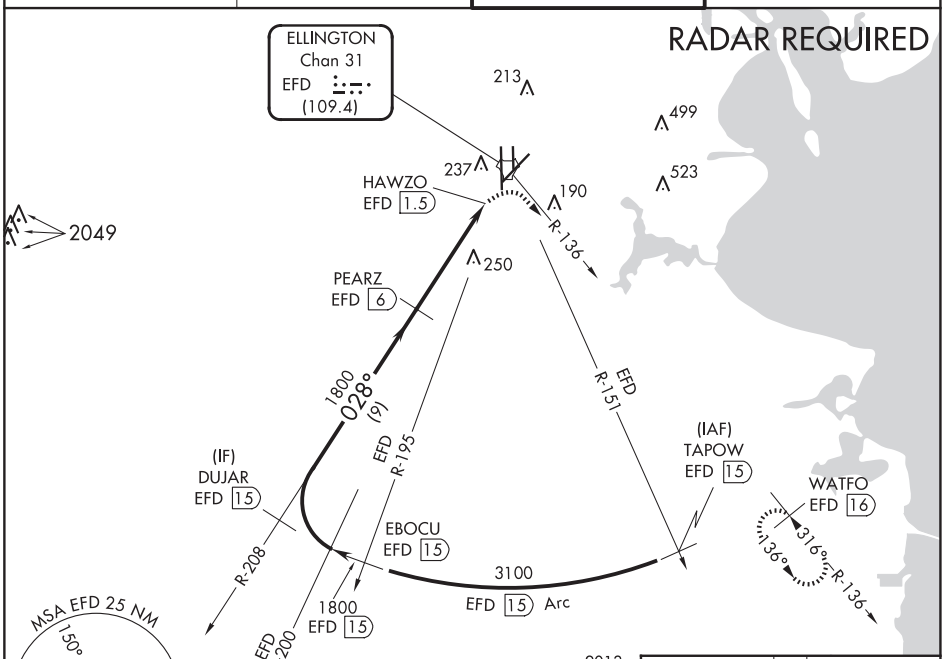
TACAN EFD Chan 31 (109.4)	APP CRS 028°	Rwy ldg 8001 TDZE 30 Apt Elev 33

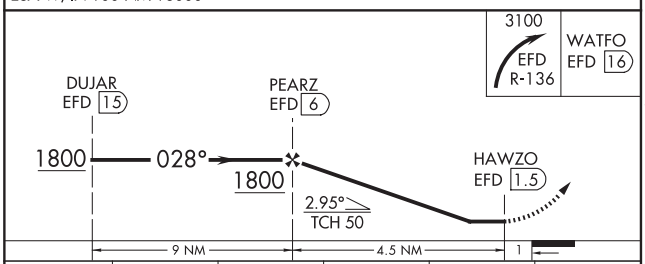
NA

Circling NA west of Rwy 17R-35L.
Helicopter visibility reduction below 1 SM NA.

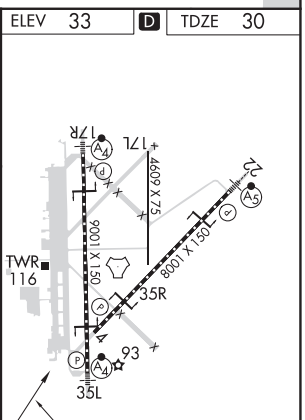
MISSED APPROACH: Climbing right turn to 3100 on EFD TACAN R-136 to WATFO/EFD 16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8





CATEGORY	A	B	C	D	E
S-4	520-1¼ 490 (500-1¼)			520-1½ 490 (500-1½)	520-1¾ 490 (500-1¾)
C CIRCLING	520-1¼ 487 (500-1¼)		580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)



HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

SC-5, 12 JUN 2025 to 07 AUG 2025

TACAN RWY 17R
ELLINGTON (EFD)

TACAN EFD Chan 31 (109.4)	APP CRS 163°	Rwy ldg 9001 TDZE 32 Apt Elev 33

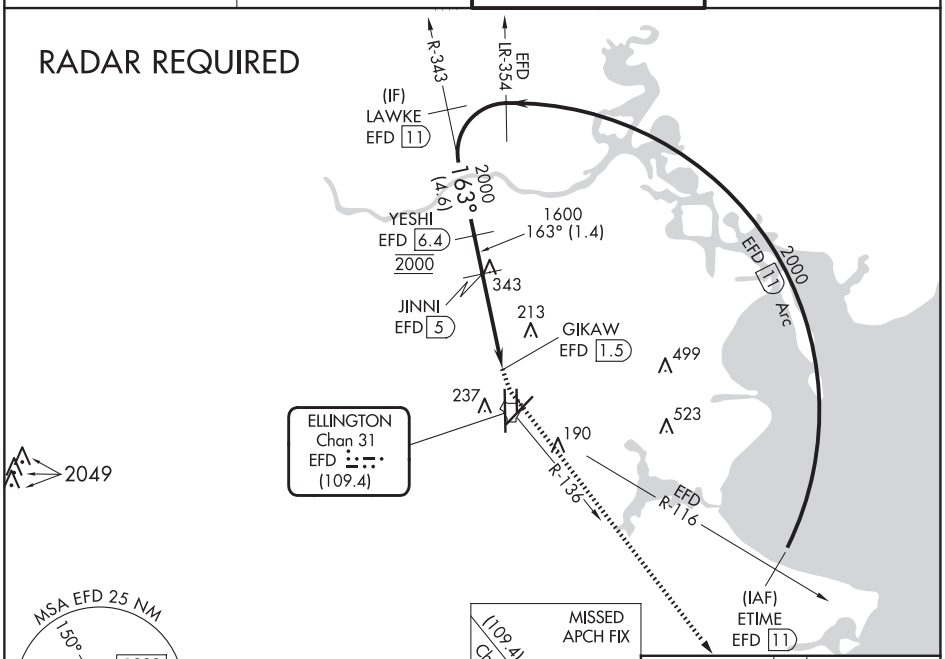
When ALS inop, increase visibility Cat A/B to RVR 5500 and Cat C/D/E visibility to 1⅜ miles. Circling NA west of Rwy 17R-35L.

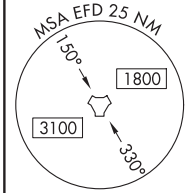
NA

MALSF

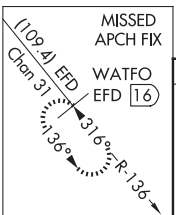
MISSED APPROACH: Climbing left turn to 3100 on EFD TACAN R-136 to WATFO/EFD 16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8



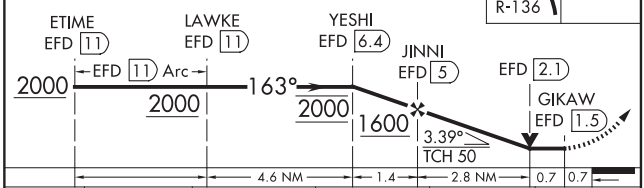


ESA W/IN 100 NM 16000



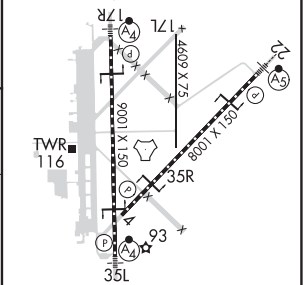
VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 48).

3100 EFD R-136 | WATFO EFD 16



CATEGORY	A	B	C	D	E
S-17R	500/40 468 (500-¾)		500/60 468 (500-1¼)		
C CIRCLING	500-1 467 (500-1)		580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)

ELEV 33 | D | TDZE 32



HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS

AL-197 (FAA)

24137

TACAN RWY 22

ELLINGTON (EFD)

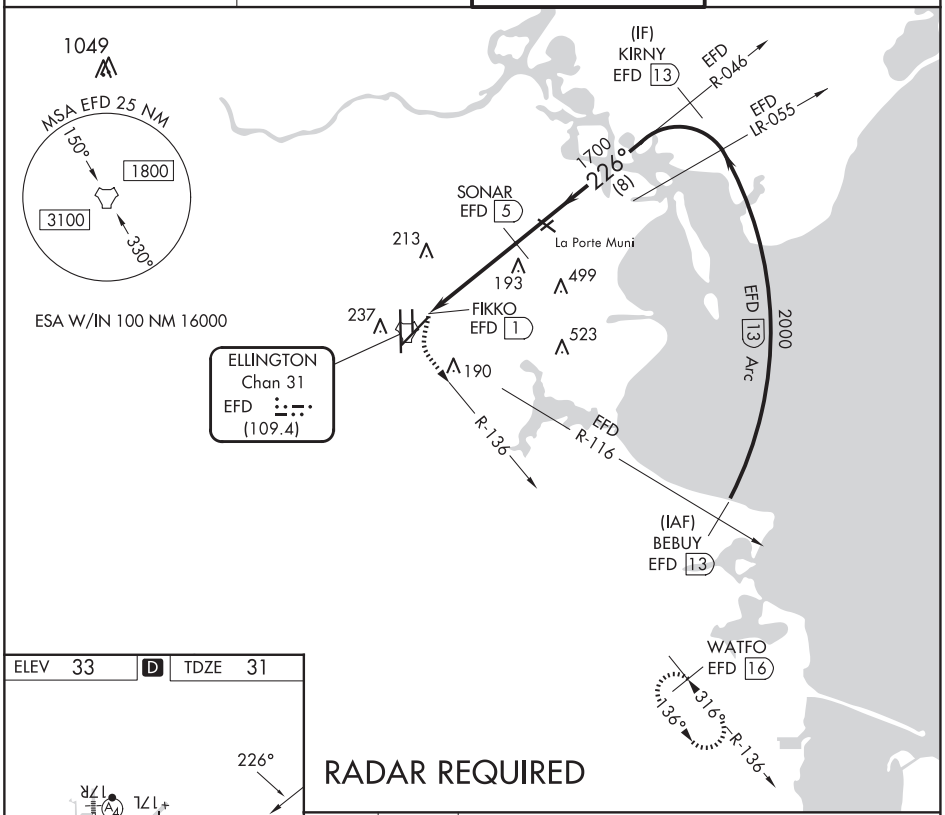
TACAN EFD Chan 31 (109.4)	APP CRS 226°	Rwy ldg 8001 TDZE 31 Apt Elev 33

Circling NA west of Rwy 17R-35L. When ALS inop, increase S-22 Cat A/B visibility to RVR 5500 and Cat C/D/E to 1⅜ miles.

MALSR

MISSED APPROACH: Climbing left turn to 3100 on EFD TACAN R-136 to WATFO/EFD 16 DME and hold.

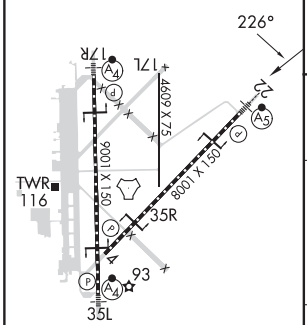
ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ELEV 33 | D | TDZE 31



HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

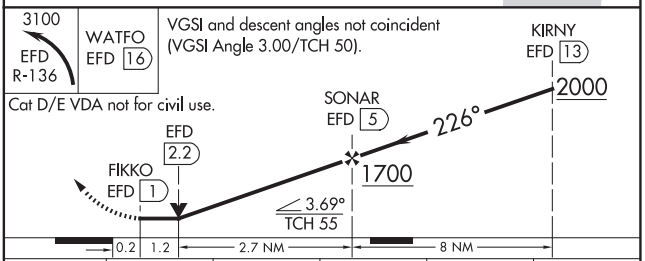
RADAR REQUIRED

3100
EFD
R-136

WATFO
EFD 16

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 50).

Cat D/E VDA not for civil use.



CATEGORY	A	B	C	D	E
S-22	500/24	469 (500-½)	500/50	469 (500-1)	
C CIRCLING	500-1	467 (500-1)	580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)

TACAN RWY 35L
ELLINGTON (EFD)

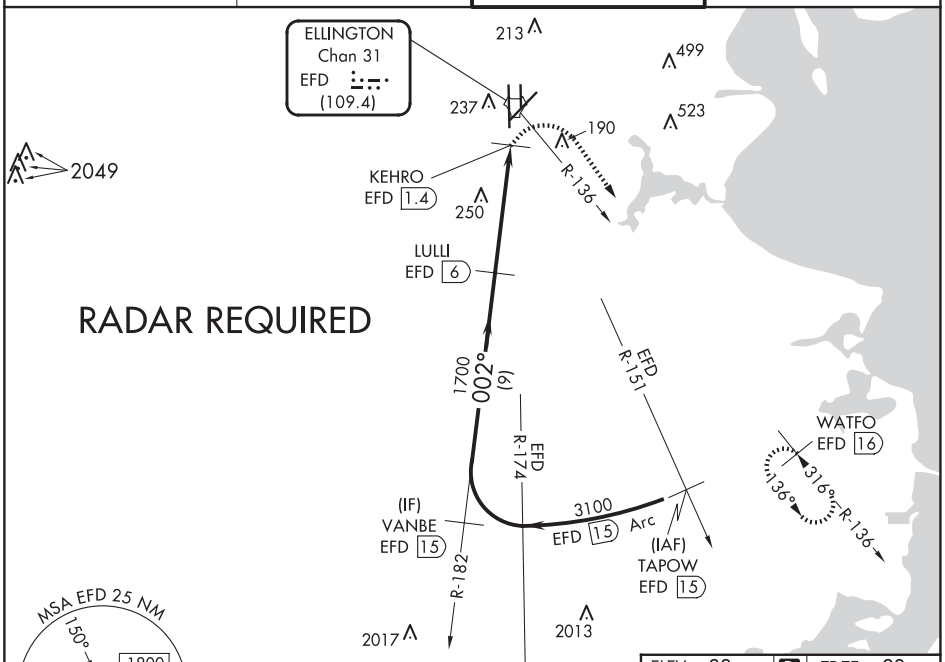
TACAN EFD Chan 31 (109.4)	APP CRS 002°	Rwy ldg 9001 TDZE 28 Apt Elev 33

T A NA — Circling NA west of Rwy 17R-35L. When ALS inop, increase S-35L Cats A/B visibility to RVR 5500 and Cats C/D/E to 1⅜ miles.

MALSF

MISSED APPROACH: Climbing right turn to 3100 on EFD TACAN R-136 to WATFO/EFD 16 DME and hold.

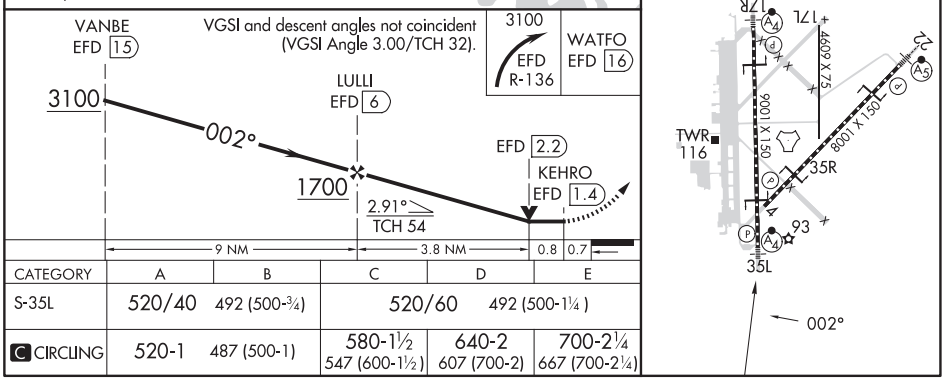
ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8



ESA W/IN 100 NM 16000

ELEV 33	D	TDZE 28

HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L



CATEGORY	A	B	C	D	E
S-35L	520/40	492 (500-¾)	520/60	492 (500-1¼)	
C CIRCLING	520-1	487 (500-1)	580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)

SC-5, 12 JUN 2025 to 07 AUG 2025

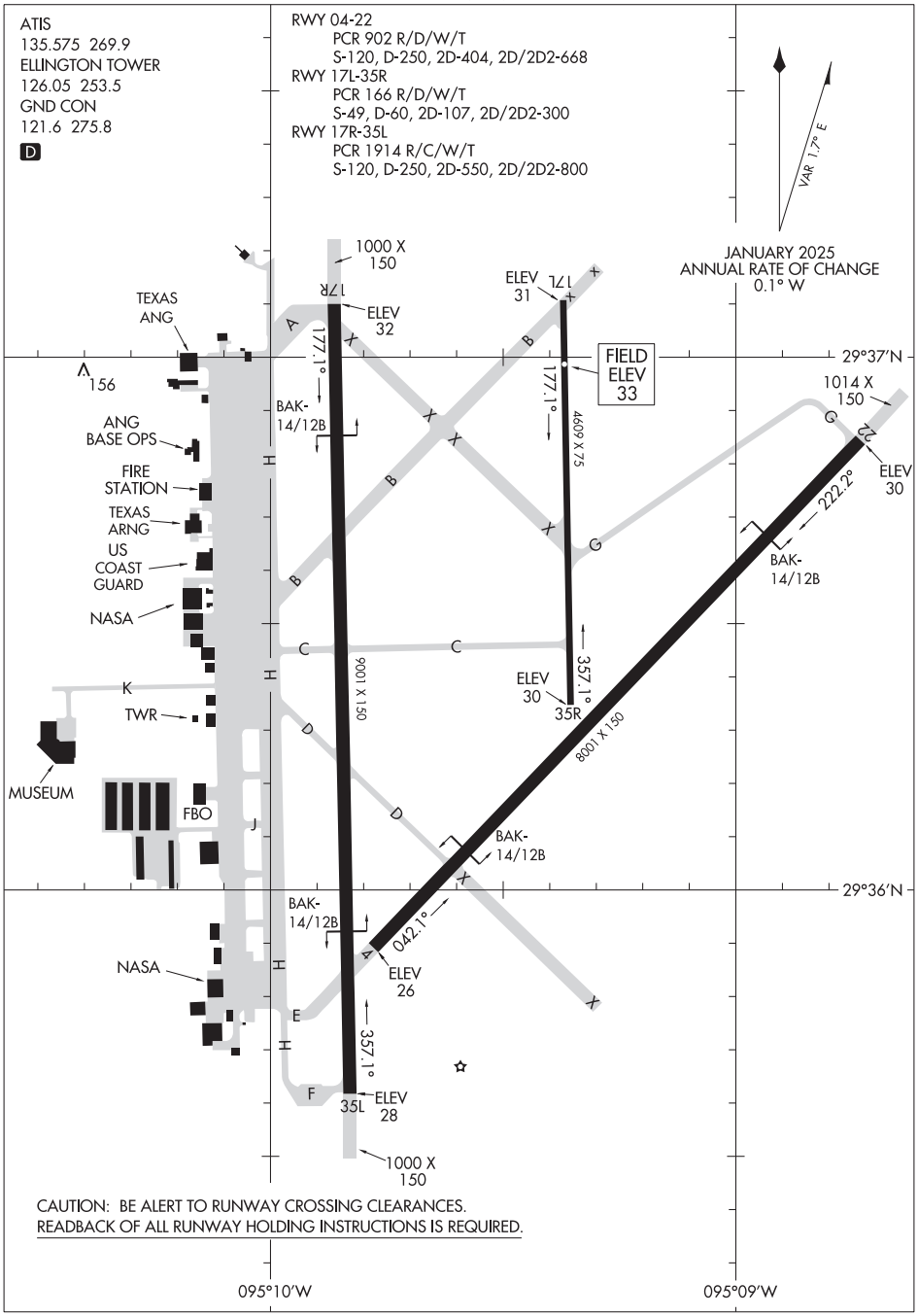
SC-5, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-197 (FAA)

ELLINGTON (EFD)
HOUSTON, TEXAS

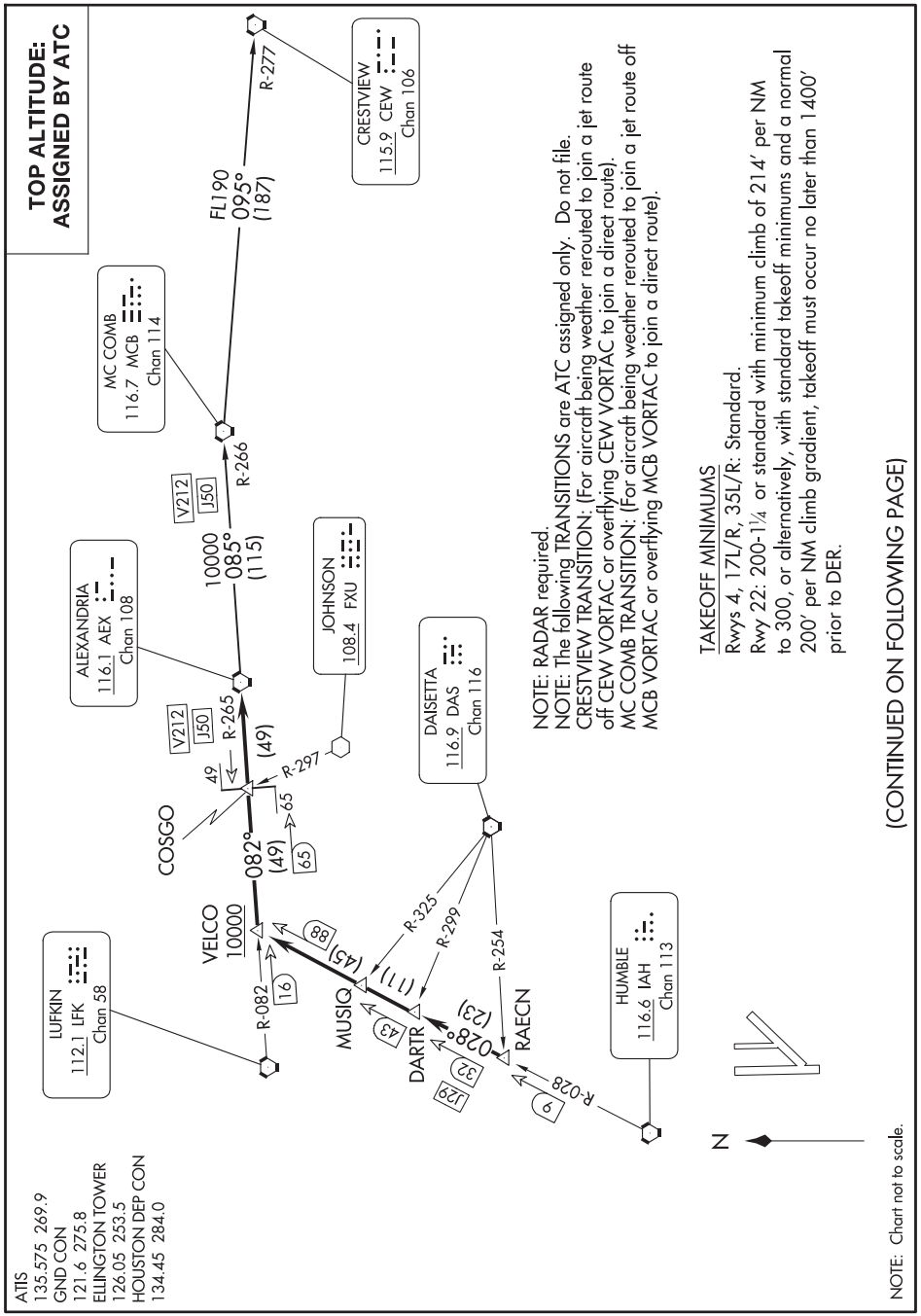


SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
HOUSTON, TEXAS
ELLINGTON (EFD)

ALEXANDRIA THREE DEPARTURE



NOTE: RADAR required.
NOTE: The following TRANSITIONS are ATC assigned only. Do not file.
CRESTVIEW TRANSITION: (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route).
MC COMB TRANSITION: (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route).

TAKEOFF MINIMUMS
Rwys 4, 17L/R, 35L/R: Standard.
Rwy 22: 200-1¼ or standard with minimum climb of 214′ per NM to 300, or alternatively, with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later than 1400′ prior to DER.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

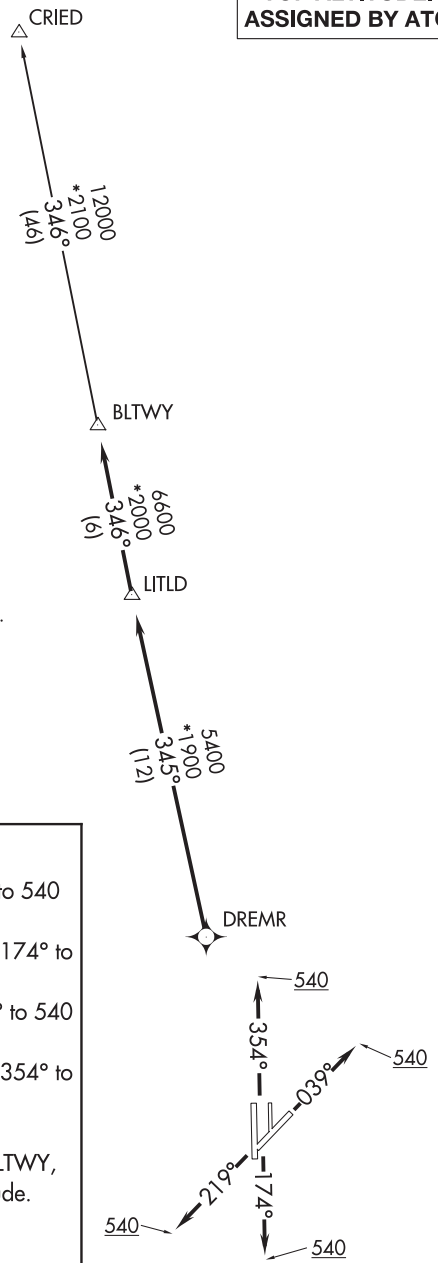
CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

BLTWY SEVEN DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 4, 17L/R, 22, 35L/R:
Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 039° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

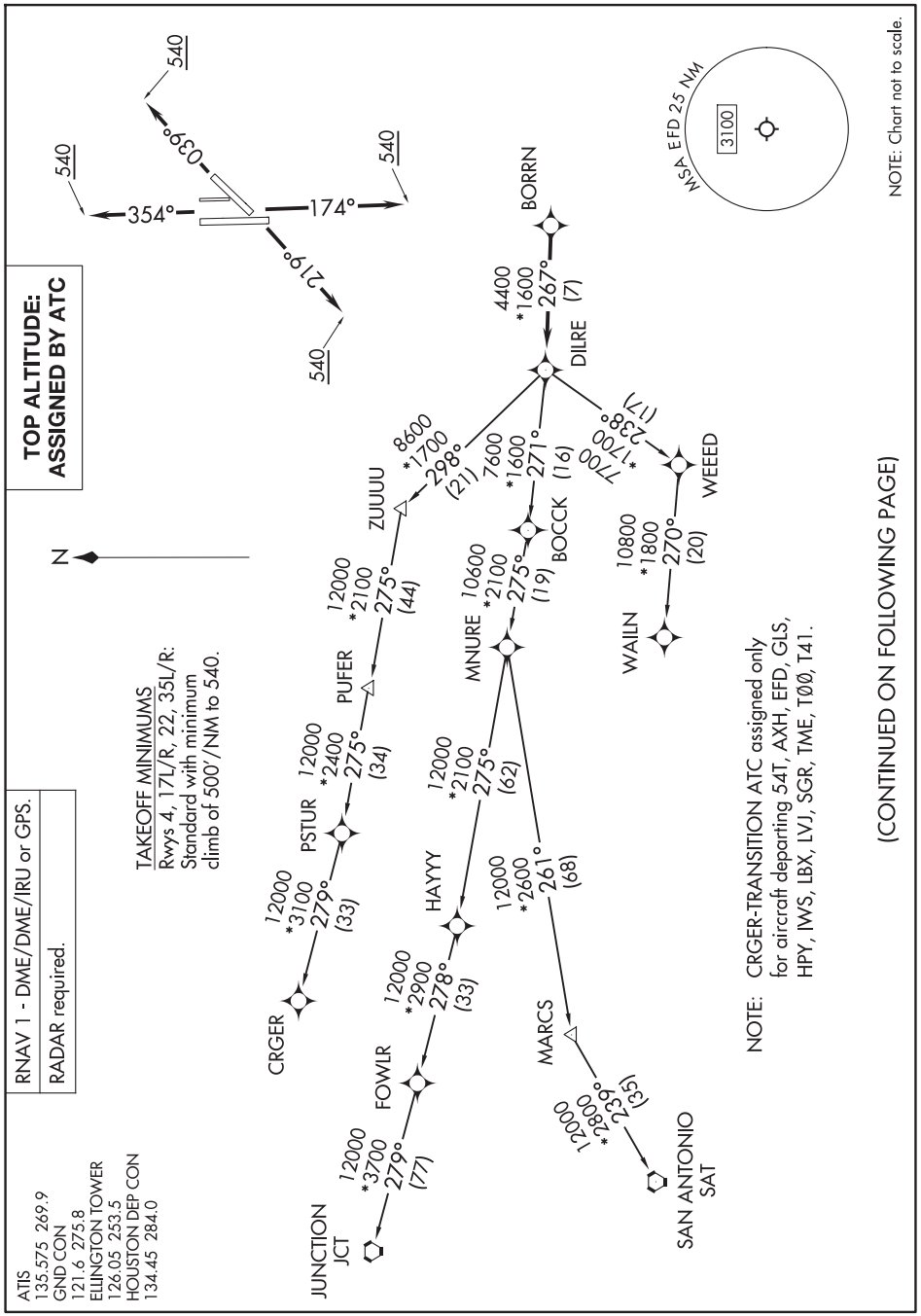
CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

(BORRN6.BORRN) 25051 AL-197 (FAA) ELLINGTON (EFD)

BORRN SIX DEPARTURE (RNAV)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

(BORRN6.BORRN) 30NOV23 HOUSTON, TEXAS ELLINGTON (EFD)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 039° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(CRIED1.CRIED) 24193

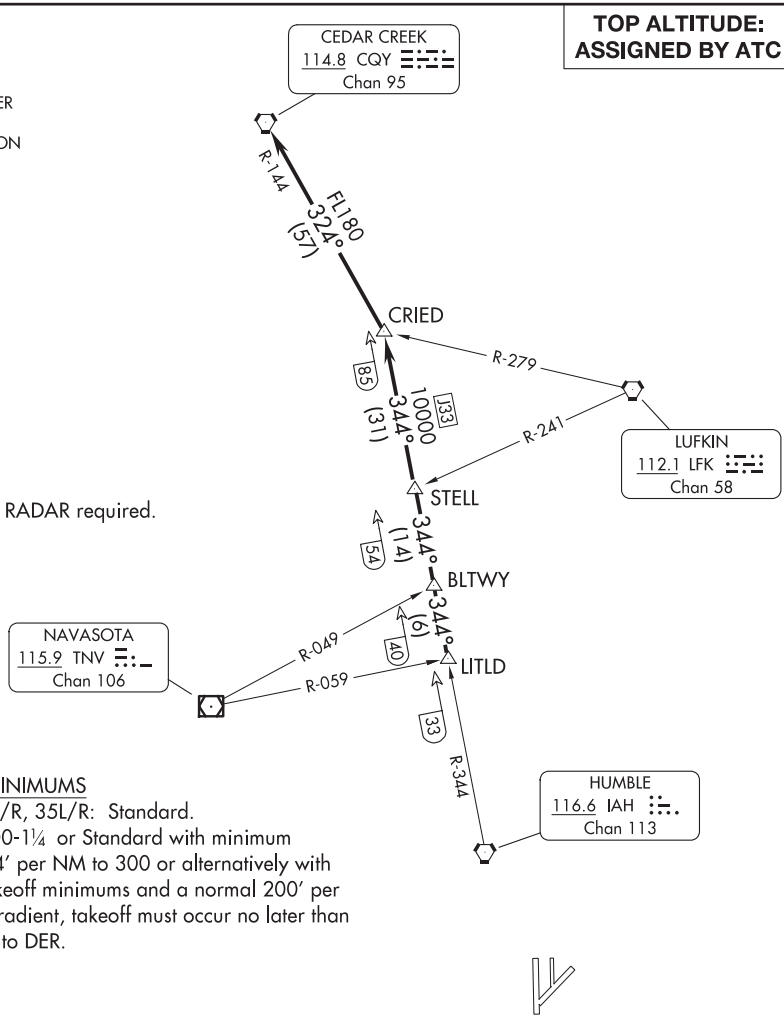
CRIED ONE DEPARTURE

AL-197 (FAA)

ELLINGTON (EFD)
HOUSTON, TEXAS

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

TAKEOFF MINIMUMS
Rwys 4, 17L/R, 35L/R: Standard.
Rwy 22: 200-1¼ or Standard with minimum climb of 214′ per NM to 300 or alternatively with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later than 1400′ prior to DER.

T

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

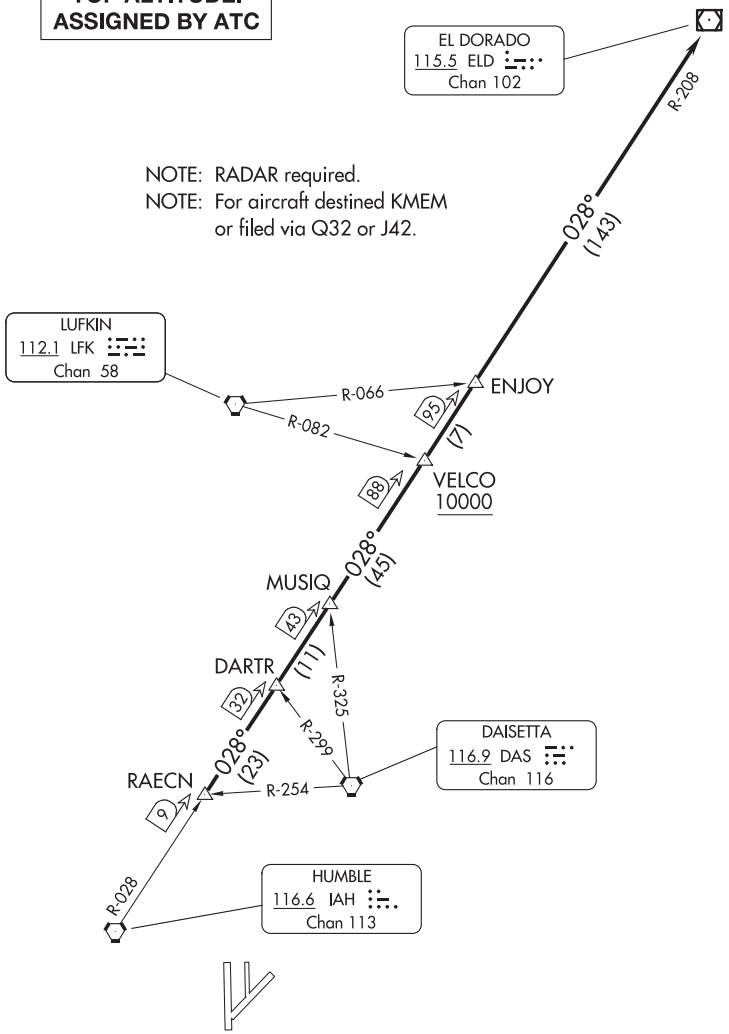
SC-5, 12 JUN 2025 to 07 AUG 2025

EL DORADO ONE DEPARTURE

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.



TAKEOFF MINIMUMS
Rwys 4, 17L/R, 35L/R: Standard.
Rwy 22: 200-1¼ or standard with minimum climb of 214′ per NM to 300 or alternatively with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later than 1400′ prior to DER.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

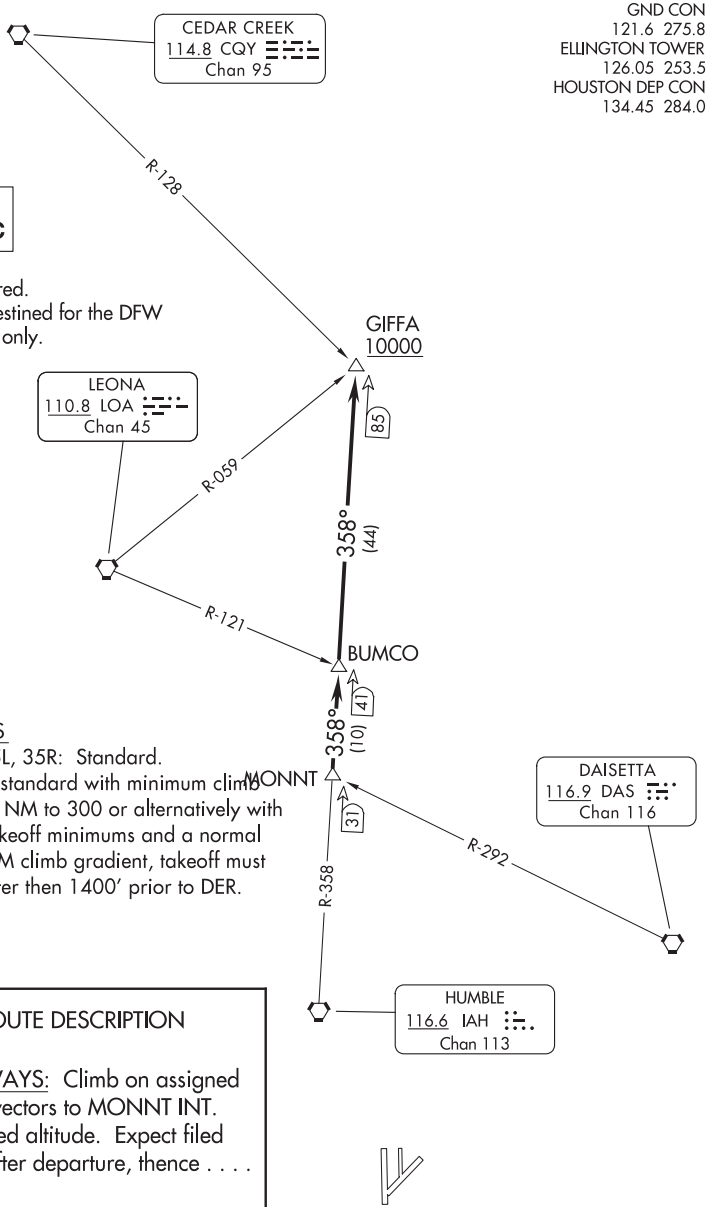
. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.



TAKEOFF MINIMUMS
Rwys 4, 17L, 17R, 35L, 35R: Standard.
Rwy 22: 200-1¼ or standard with minimum climb of 214′ per NM to 300 or alternatively with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later then 1400′ prior to DER.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

NOTE: Chart not to scale.

HOODO SEVEN DEPARTURE (RNAV)
(HOODO7.HOODO) 07OCT21

ELLINGTON (EFD)
HOUSTON, TEXAS

(HOODO7.HOODO) 21280
HOODO SEVEN DEPARTURE (RNAV)
AL-197 (FAA)

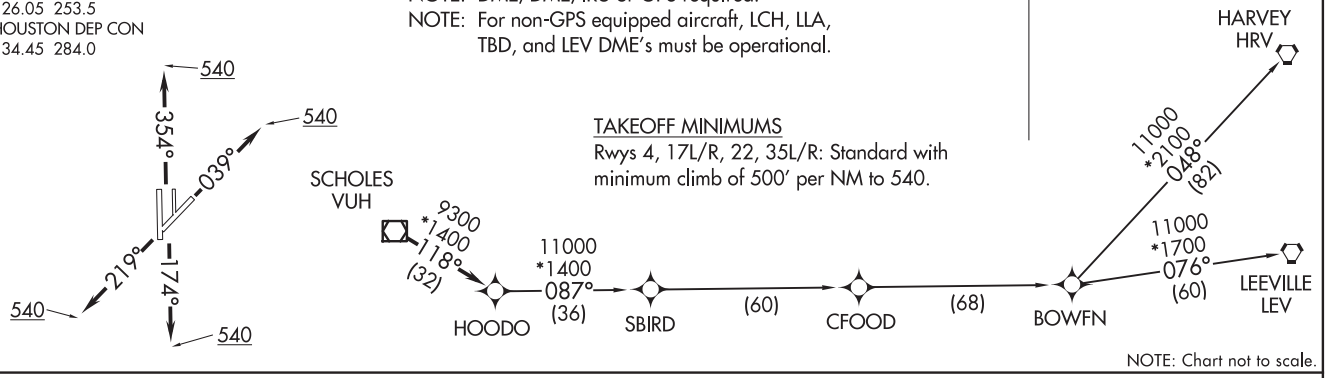
ELLINGTON (EFD)
HOUSTON, TEXAS

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 4, 17L/R, 22, 35L/R: Standard with minimum climb of 500' per NM to 540.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 039° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

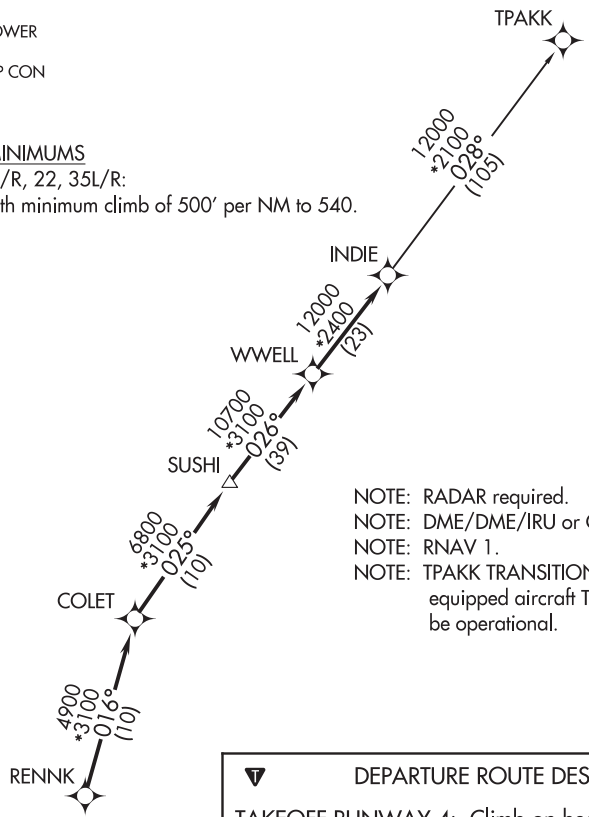
INDIE EIGHT DEPARTURE (RNAV)

ELLINGTON (EFD)
HOUSTON, TEXAS

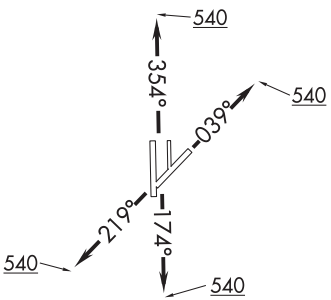
TOP ALTITUDE: ASSIGNED BY ATC

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

TAKEOFF MINIMUMS
Rwys 4, 17L/R, 22, 35L/R:
Standard with minimum climb of 500′ per NM to 540.



NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 039° to 540 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

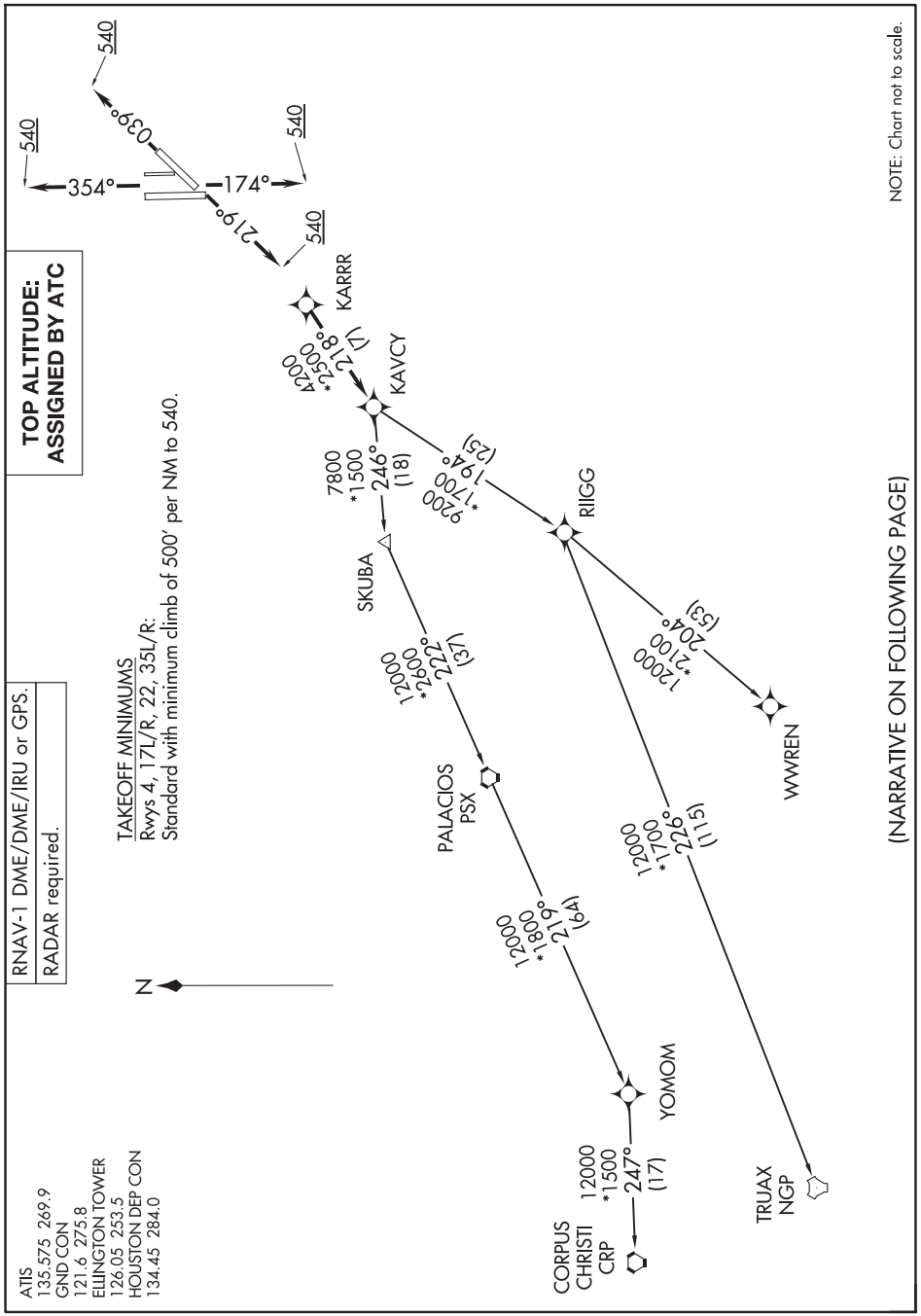
TPAKK TRANSITION (INDIE8.TPAKK)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(KARRR7.KARRR) 23222

KARRR SEVEN DEPARTURE (RNAV)

ELLINGTON (EFD)
HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)

(KARRR7.KARRR) 29DEC22

HOUSTON, TEXAS
ELLINGTON (EFD)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 039° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LOA4.LOA) 24137

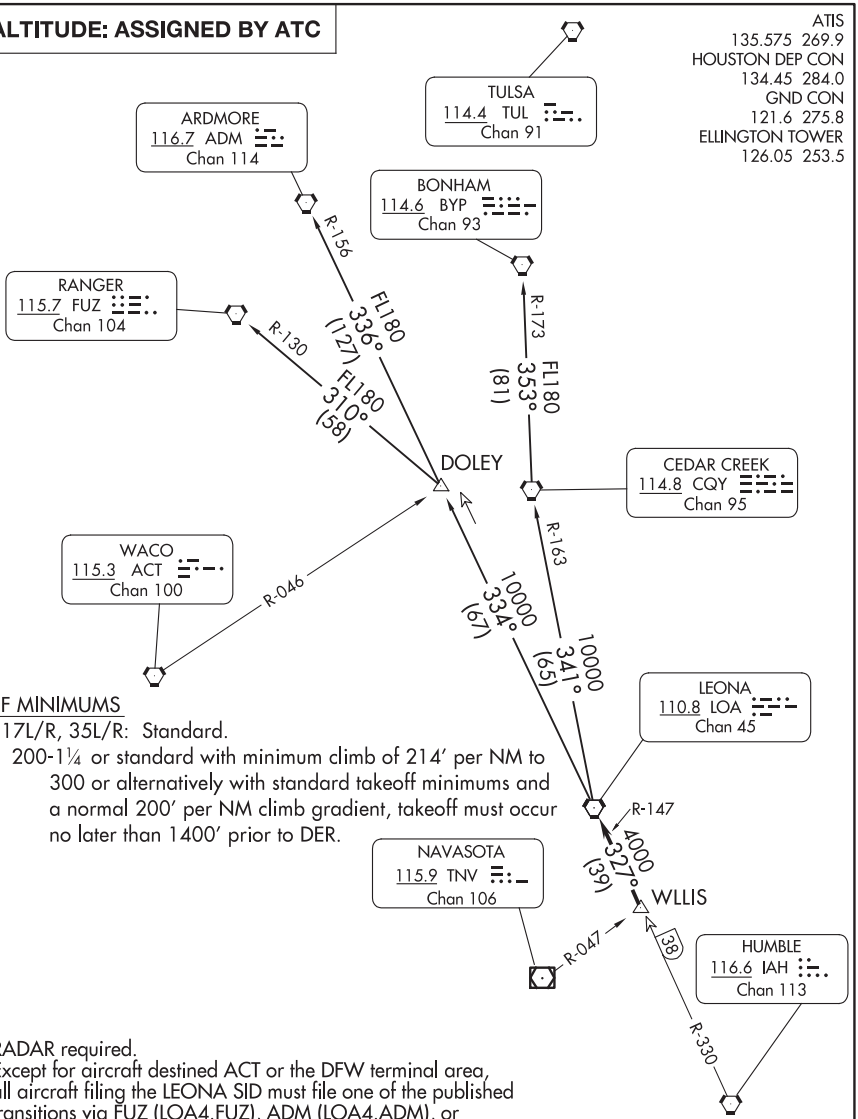
LEONA FOUR DEPARTURE

AL-197 (FAA)

ELLINGTON (EFD)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
135.575 269.9
HOUSTON DEP CON
134.45 284.0
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5



TAKEOFF MINIMUMS

Rwys 4, 17L/R, 35L/R: Standard.

Rwy 22: 200-1¼ or standard with minimum climb of 214′ per NM to 300 or alternatively with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later than 1400′ prior to DER.

NOTE: RADAR required.

NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).

NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.

NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.

NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LFK3.LFK) 24137

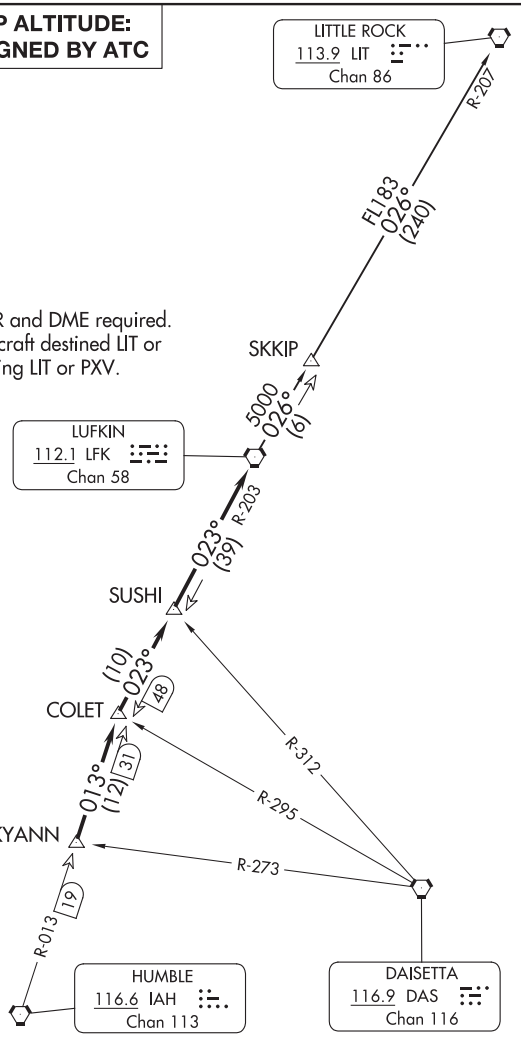
AL-197 (FAA)

LUFKIN THREE DEPARTURE

ELLINGTON (EFD)
HOUSTON, TEXAS

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.

TAKEOFF MINIMUMS

Rwys 4, 17L/R, 35L/R: Standard.

Rwy 22: 200-1¼ or standard with minimum climb of 214′ per NM to 300 or alternatively with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later then 1400′ prior to DER.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

LUFKIN THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LURIC8.LURIC) 21280 AL-197 (FAA) ELLINGTON (EFD)

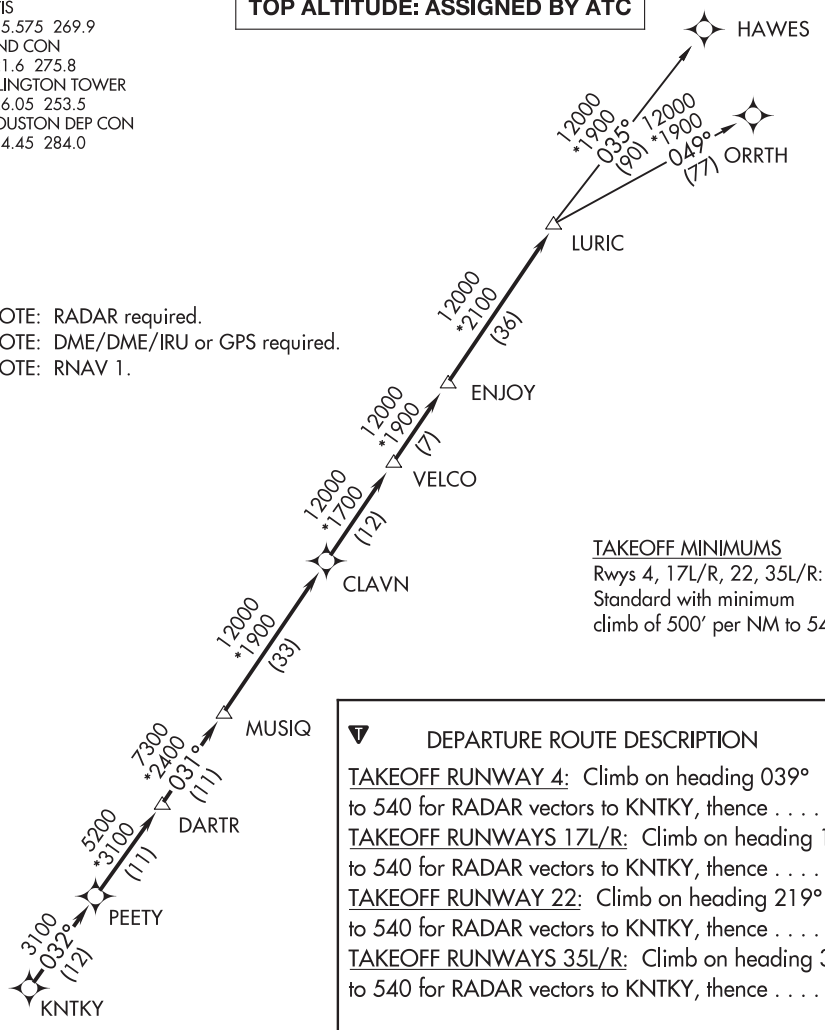
LURIC EIGHT DEPARTURE (RNAV)

HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

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



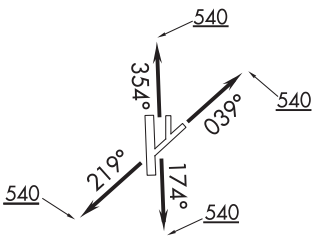
TAKEOFF MINIMUMS
Rwys 4, 17L/R, 22, 35L/R:
Standard with minimum
climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 039° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

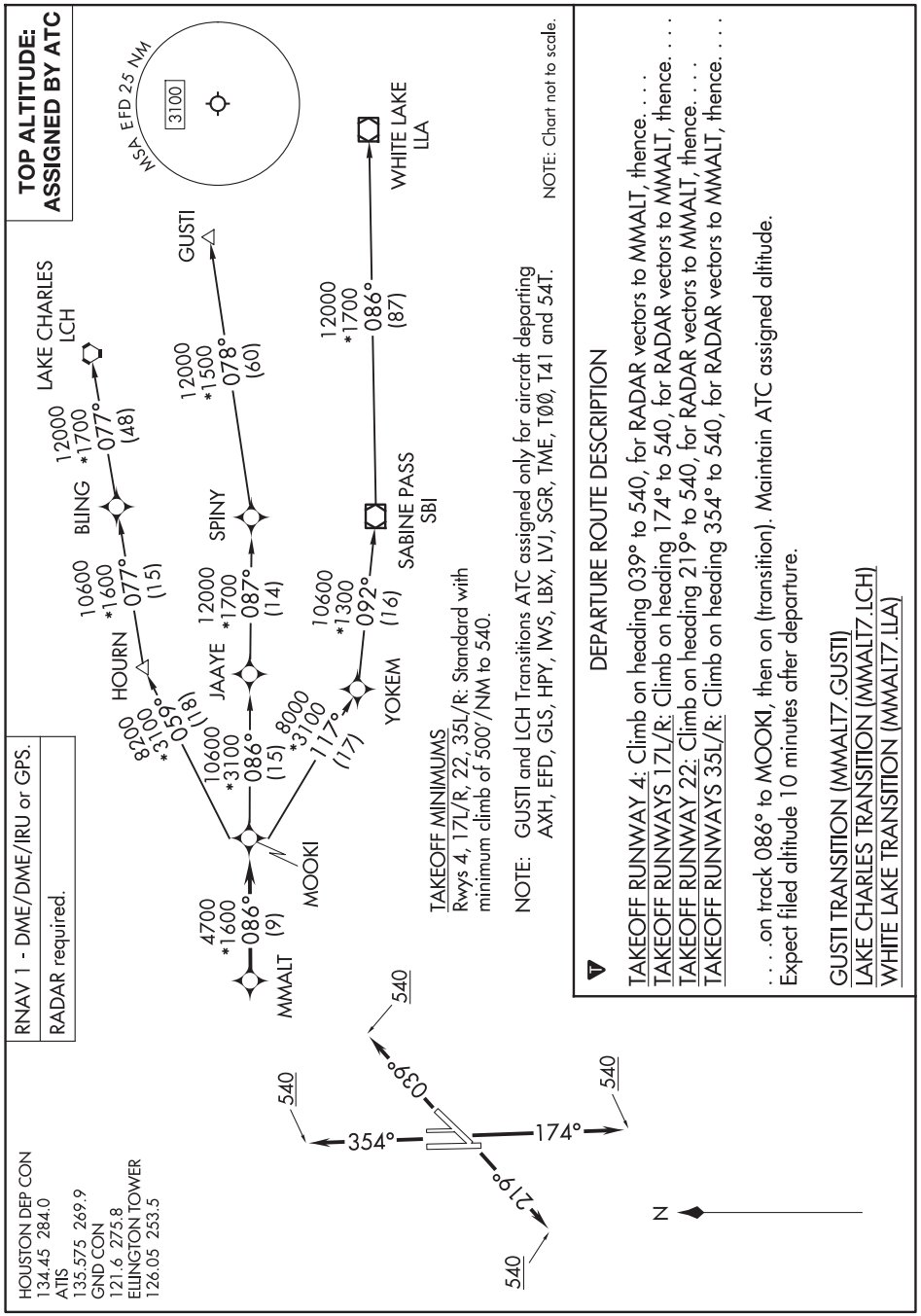
HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)



NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

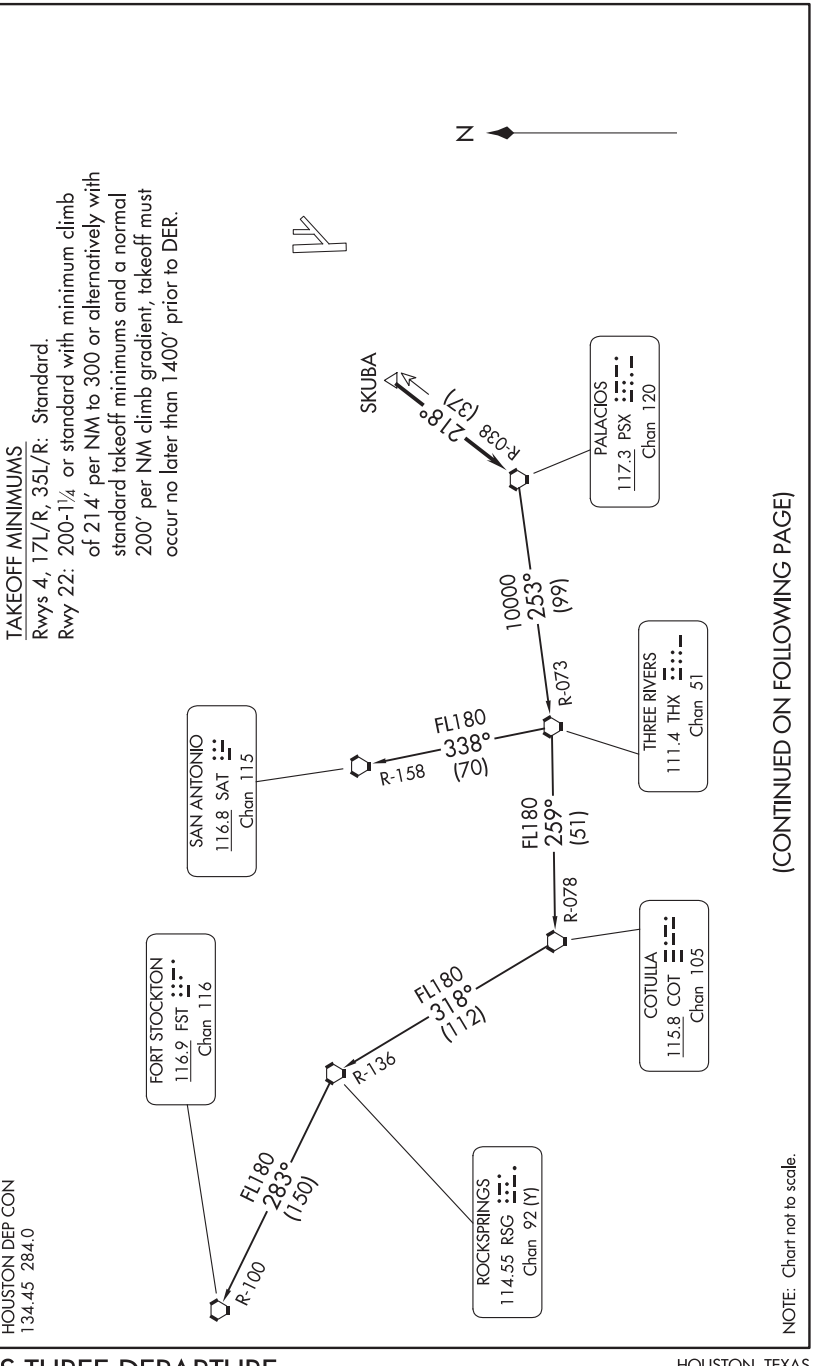
MMALT SEVEN DEPARTURE (RNAV)



TOP ALTITUDE: ASSIGNED BY ATC

RADAR and DME required.

TAKEOFF MINIMUMS
Rwys 4, 17L/R, 35L/R: Standard.
Rwy 22: 200-1¼ or standard with minimum climb of 214' per NM to 300 or alternatively with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1400' prior to DER.



ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

(STRYA8.STRYA) 21280 AL-197 (FAA)

STRYA EIGHT DEPARTURE (RNAV)

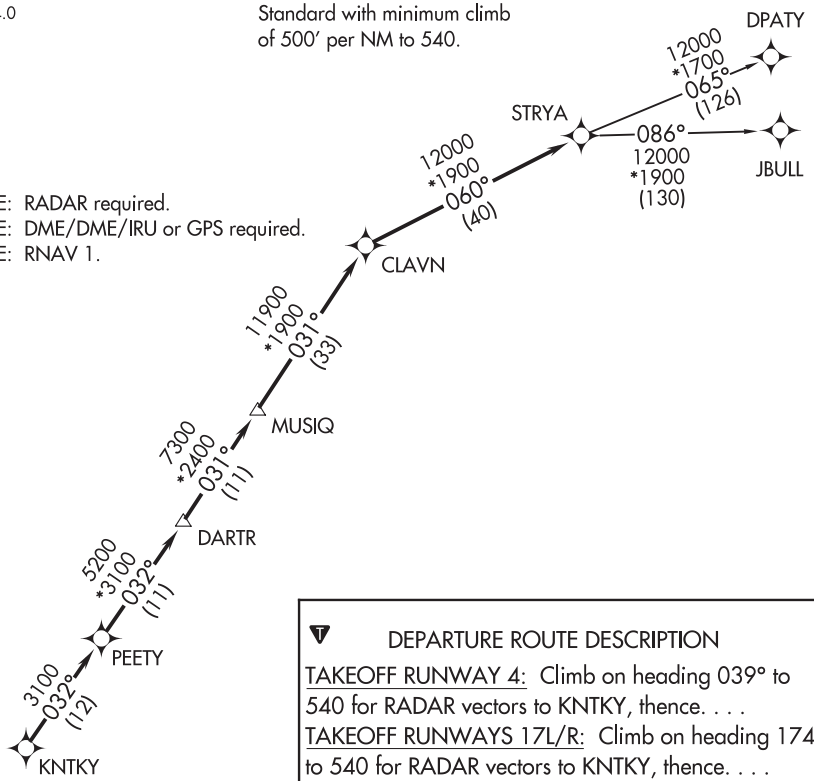
ELLINGTON (EFD)
HOUSTON, TEXAS

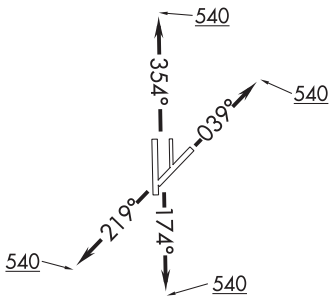
TOP ALTITUDE: ASSIGNED BY ATC

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

TAKEOFF MINIMUMS
Rwys 4, 17L/R, 22, 35L/R:
Standard with minimum climb of 500′ per NM to 540.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

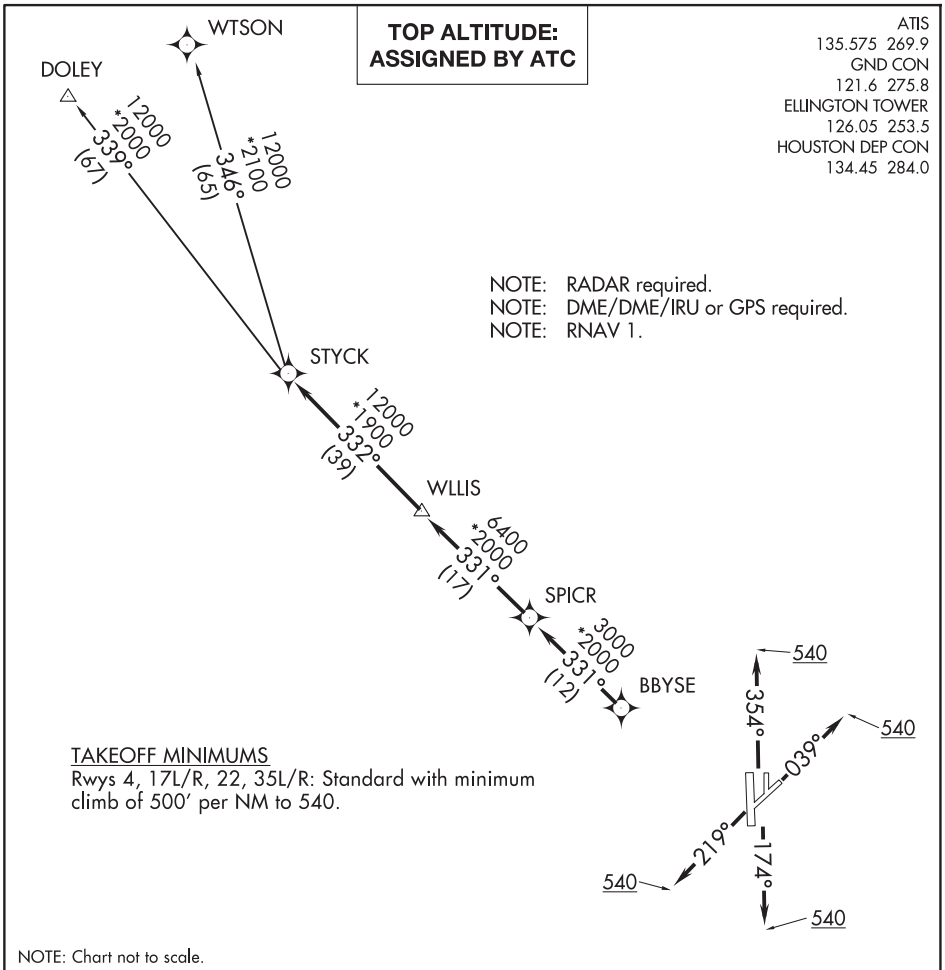
TAKEOFF RUNWAY 4: Climb on heading 039° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025

STYCK EIGHT DEPARTURE (RNAV)



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 039° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(WATFO6.WATFO) 23222 AL-197 (FAA)

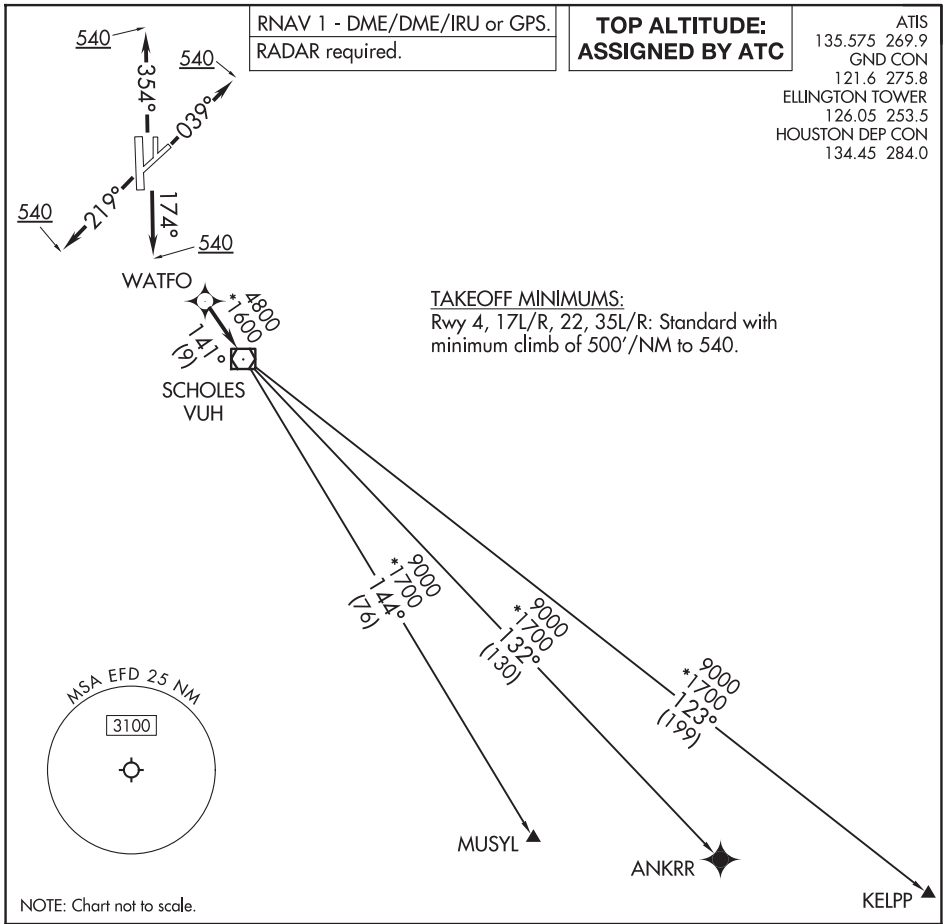
WATFO SIX DEPARTURE (RNAV)

ELLINGTON (EFD)
HOUSTON, TEXAS

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

TOP ALTITUDE: ASSIGNED BY ATC

ATIS 135.575 269.9
GND CON 121.6 275.8
ELLINGTON TOWER 126.05 253.5
HOUSTON DEP CON 134.45 284.0



TAKEOFF MINIMUMS:
Rwy 4, 17L/R, 22, 35L/R: Standard with minimum climb of 500'/NM to 540.

NOTE: Chart not to scale.

T

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 039° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

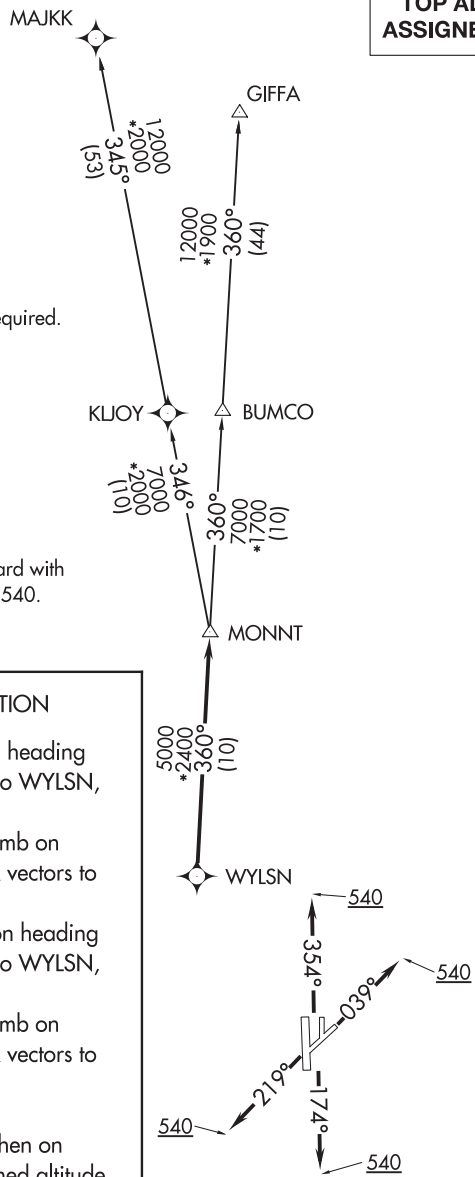
WATFO SIX DEPARTURE (RNAV)
(WATFO6.WATFO) 10AUG23

HOUSTON, TEXAS
ELLINGTON (EFD)

WYLSN EIGHT DEPARTURE (RNAV)

ATIS
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



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

TAKEOFF MINIMUMS
Rwys 4, 17L/R, 22, 35L/R: Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 039° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAYS 17L/R: Climb on heading 174° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 22: Climb on heading 219° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 354° to 540 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS | AL-5461 (FAA) | 24305

ILS or LOC RWY 8L

GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-BZU	APP CRS	Rwy ldg	9000
111.55	087°	TDZE	94
Chan 52 (Y)		Apt Elev	96

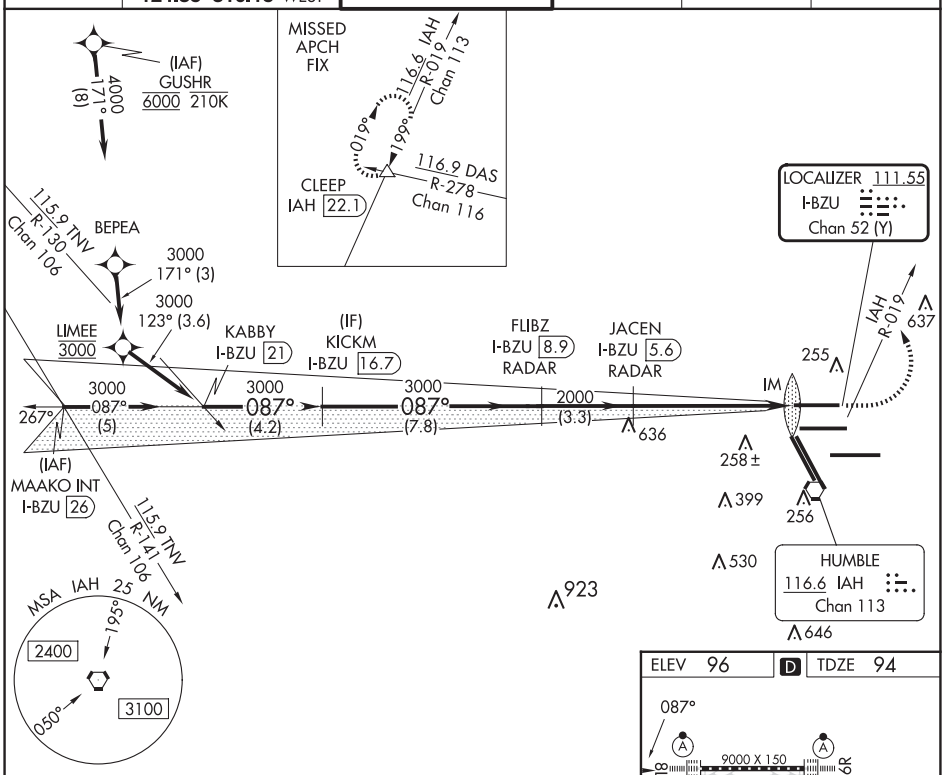
DME required. From GUSHR: RNAV 1-GPS required.

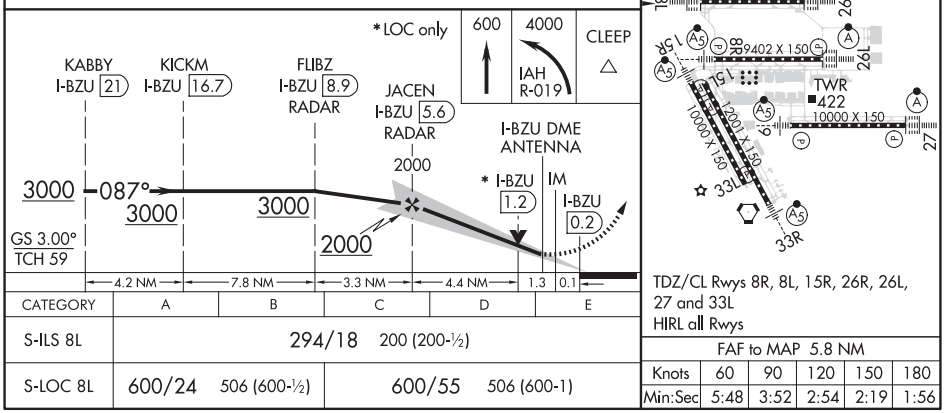
Simultaneous approach authorized with Rwy 8R and Rwy 9.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing left turn to 4000 on IAH VORTAC R-019 to CLEEP INT/IAH 22.1 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 290.2	118.575	128.1	





CATEGORY	A	B	C	D	E
S-ILS 8L	294/18 200 (200-½)				
S-LOC 8L	600/24 506 (600-½)		600/55 506 (600-1)		

FAF to MAP 5.8 NM

Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 8R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-IAH	APP CRS	Rwy ldg	9402
109.7	087°	TDZE	95
Chan 34		Apt Elev	96

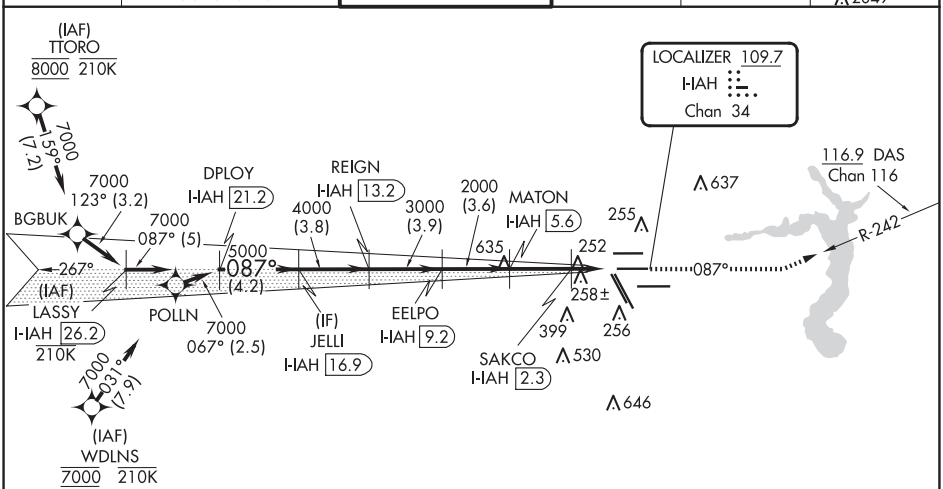
RNAV 1-GPS or RADAR required for procedure entry, DME.

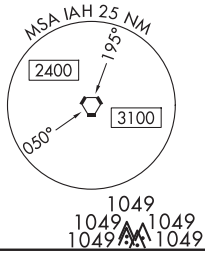
Simultaneous approach authorized. For inop ALS, increase S-LOC 8R Cat C/D/E visibility to 1⅜ SM. For inop ALS, increase S-ILS 8R Cat E visibility to RVR 4000.

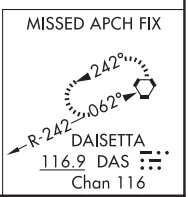
MALSR

MISSED APPROACH: Climb to 3000 on heading 087° and on DAS VORTAC R-242 to DAS VORTAC and hold.

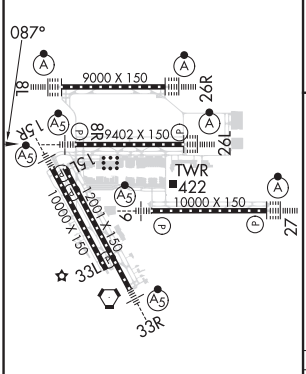
D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	2049







ELEV 96 | D | TDZE 95

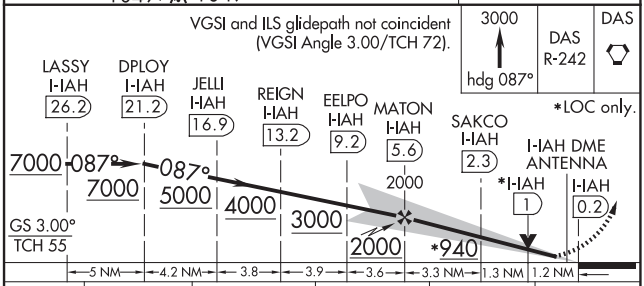


TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 72).

3000	DAS	DAS
hdg 087°	R-242	

*LOC only.



CATEGORY	A	B	C	D	E
S-ILS 8R	295/18 200 (200-½)				
S-LOC 8R	560/24 465 (500-½)		560/50 465 (500-1)		

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS

AL-5461 (FAA)

24305

ILS or LOC RWY 9

GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-UYO	APP CRS	Rwy ldg	10000
110.9	087°	TDZE	90
Chan 46		Apt Elev	96

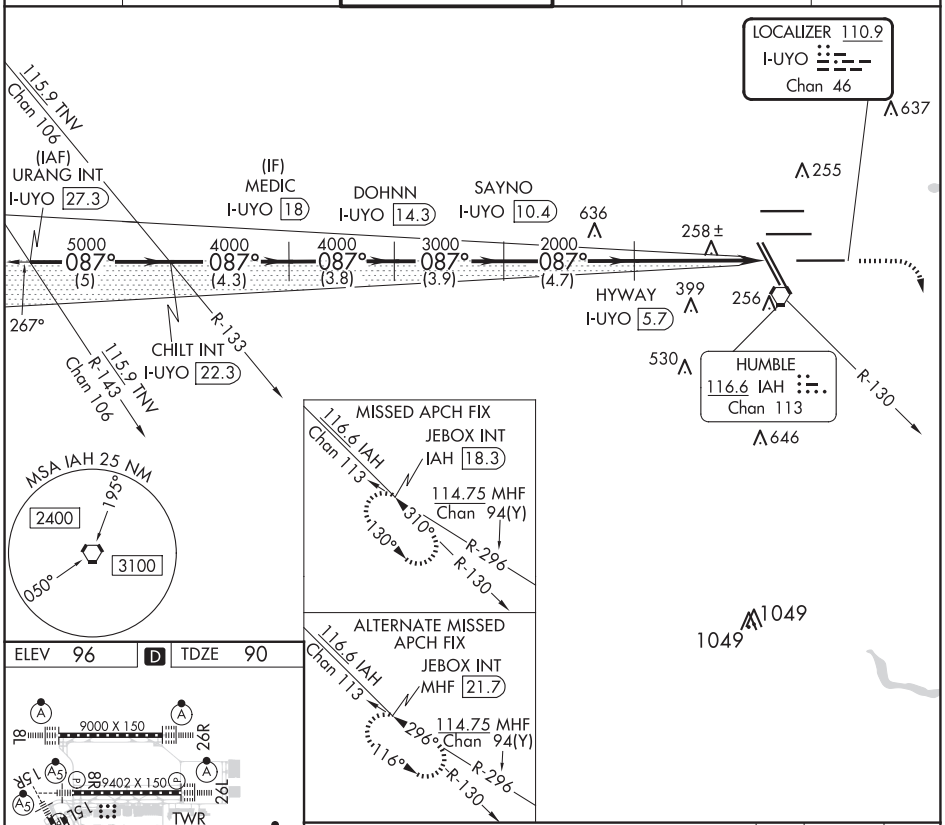
DME required. RADAR required for procedure entry.

Simultaneous approach authorized with Rwy 8L/R.
RVR 1800 authorized with the use of FD or AP or HUD to DA.

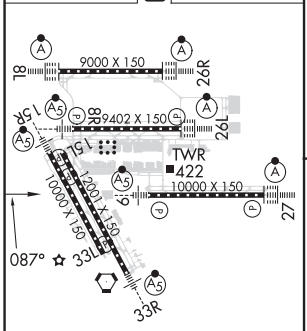
MALSR

MISSED APPROACH: Climb to 580 then climbing right turn to 3000 on IAH VORTAC R-130 to JEBOX/IAH 18.3 DME and hold.

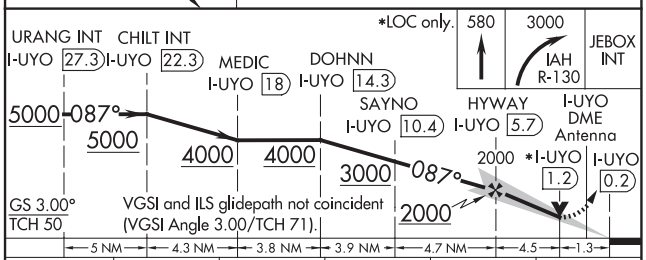
D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	



ELEV 96	D	TDZE 90



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys



FAF to MAP 5.8 NM					
Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

CATEGORY	A	B	C	D	E
S-ILS 9 #	290/24 200 (200-½)				
S-LOC 9	580/24 490 (500-½)		580/50 490 (500-1)		

HOUSTON, TEXAS
Amdt 10B 25APR19

29°59′N-95°20′W

GEORGE BUSH INTCNTL/HOUSTON (IAH)
ILS or LOC RWY 9

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ILS or LOC RWY 15R

GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC I-LKM	APP CRS	Rwy ldg	10000
111.15	149°	TDZE	95
		Apt Elev	96

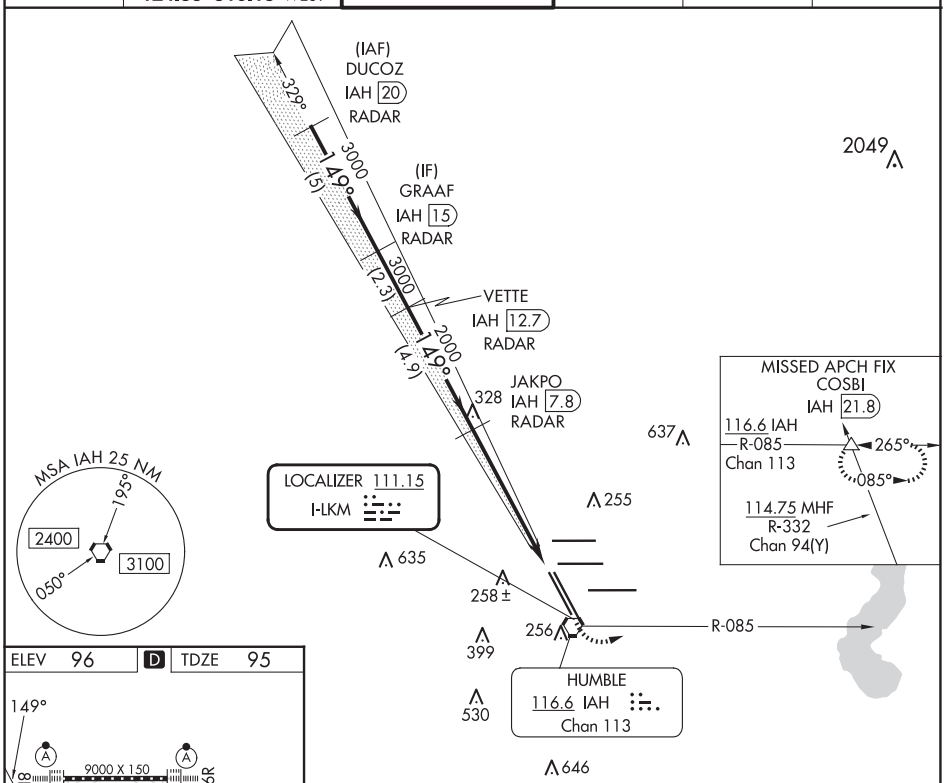
RADAR required for procedure entry. DME or RADAR required.

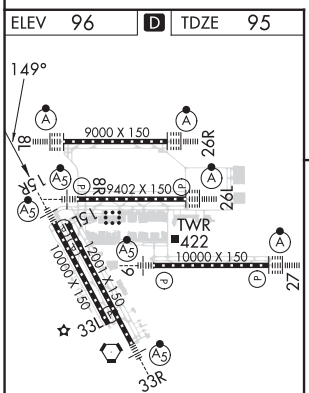
DME from IAH VORTAC. Simultaneous reception of I-LKM and IAH DME required. For inop ALS, increase S-ILS 15R Cat E visibility to RVR 4000, and S-LOC 15R Cat C/D/E visibility to 1⅜ SM.

MALSR

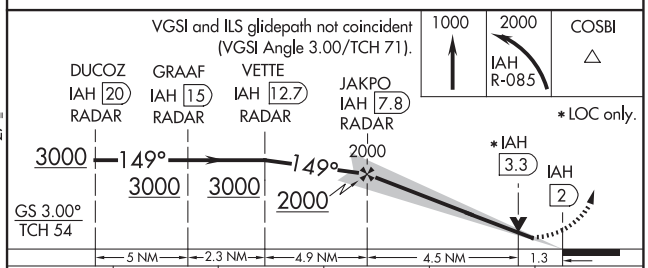
MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 on IAH VORTAC R-085 to COSBI INT/IAH 21.8 DME and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	127.3 288.25	121.7	128.1	





TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys



CATEGORY	A	B	C	D	E
S-ILS 15R	295/18 200 (200-½)				
S-LOC 15R	580/24 485 (500-½)		580/50 485 (500-1)		

FAF to MAP 5.8 NM

Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

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ILS or LOC RWY 26L
GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-JYV	APP CRS	Rwy ldg	9402
109.7	267°	TDZE	95
Chan 34		Apt Elev	96

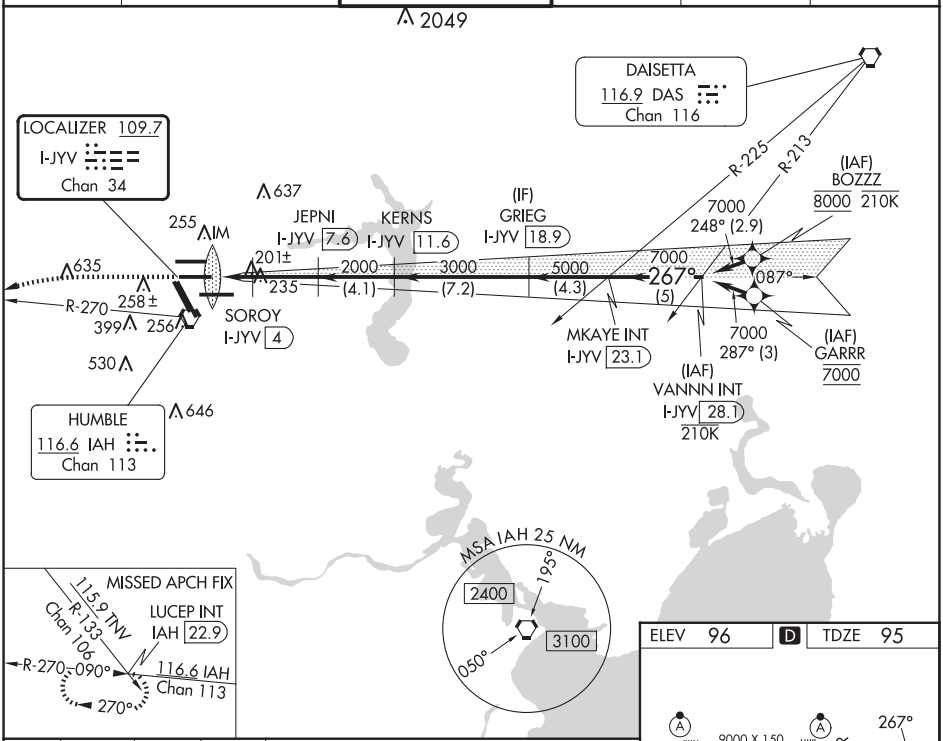
DME required. From BOZZZ, GARRR: RNAV 1-GPS required.

Simultaneous approach authorized with Rwy 26R and Rwy 27. For inop ALS, increase S-ILS 26L Cat E visibility to RVR 4000, S-LOC 26L Cat C/D/E visibility to RVR 5000.

ALSF-2

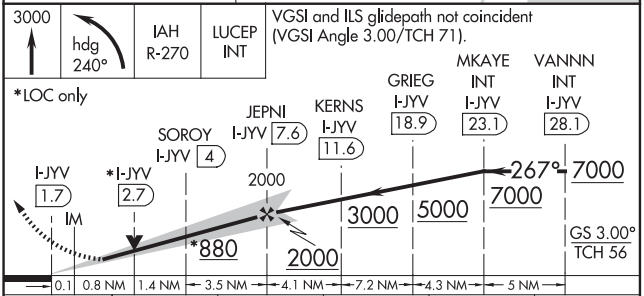
MISSED APPROACH: Climb to 3000 then left turn heading 240° and IAH VORTAC R-270 to LUCEP INT/IAH 22.9 DME and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	



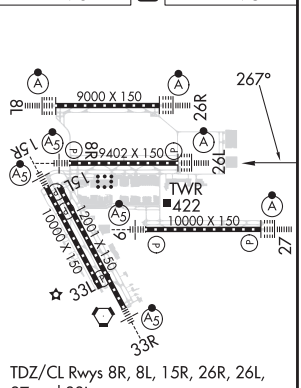
3000	hdg 240°	IAH R-270	LUCEP INT

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D	E
S-ILS 26L	295/18 200 (200-½)				
S-LOC 26L	460/24 365 (400-½)		460/35 365 (400-⅝)		

ELEV 96 | D | TDZE 95



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

FAF to MAP 5.8 NM					
Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

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ILS or LOC RWY 26R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-OND	APP CRS	Rwy ldg	9000
111.55	267°	TDZE	95
Chan 52 (Y)		Apt Elev	96

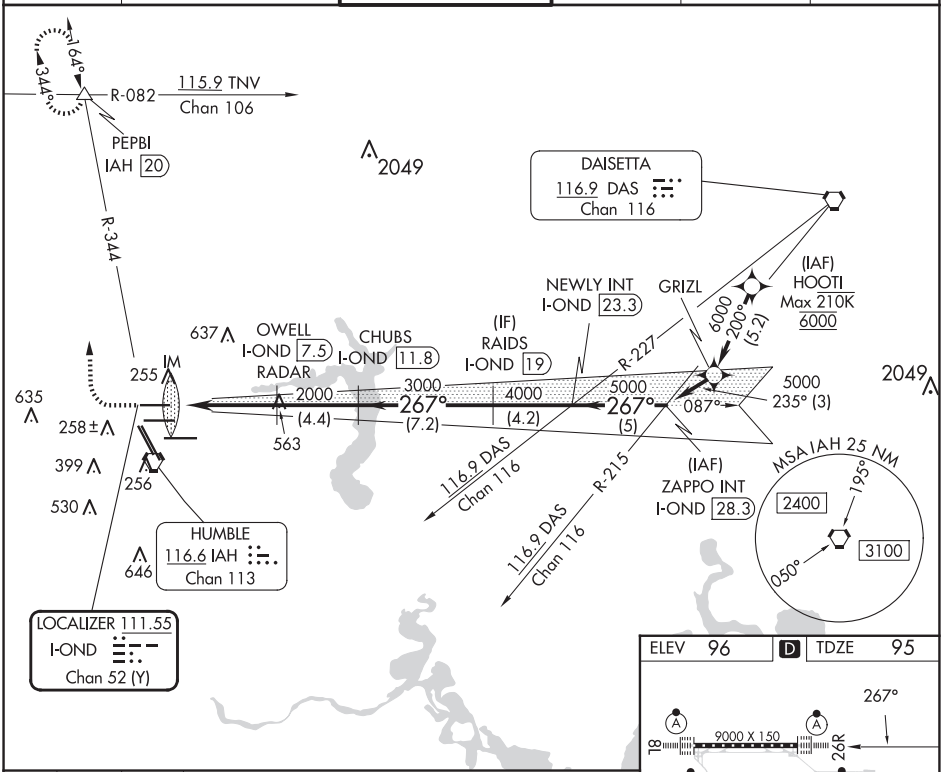
DME required. From HOOTI: RNAV 1-GPS required.

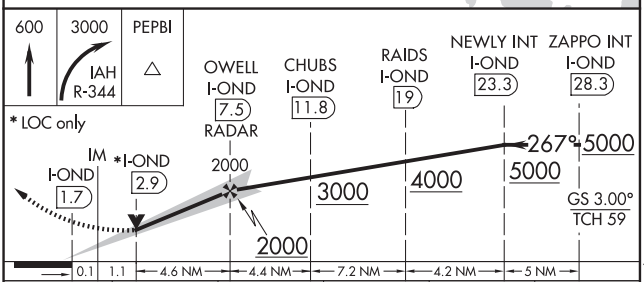
Simultaneous approach authorized with Rwy 26L and Rwy 27. For inop ALS, increase S-ILS 26R Cat E visibility to RVR 4000, and S-LOC 26R Cat C/D/E visibility to 1⅜ SM.

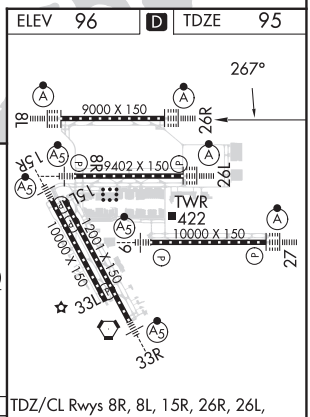
ALSF-2

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 on IAH VORTAC R-344 to PEPBI INT/ IAH 20 DME and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 290.2	118.575	128.1	







TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

CATEGORY	A	B	C	D	E
S-ILS 26R	295/18 200 (200-½)				
S-LOC 26R	580/24 485 (500-½)		580/50 485 (500-1)		

FAF to MAP 5.8 NM

Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

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ILS or LOC RWY 27
GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-GHI	APP CRS	Rwy ldg 10000
110.9	267°	TDZE 86
Chan 46		Apt Elev 96

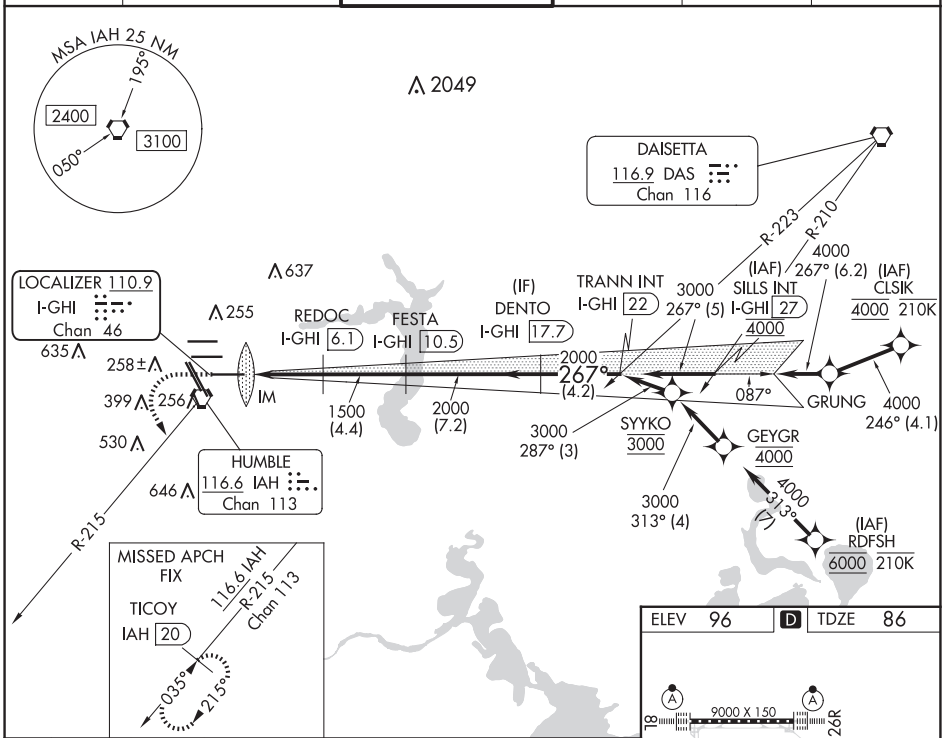
RNAV 1-GPS or RADAR required for procedure entry.
DME required.

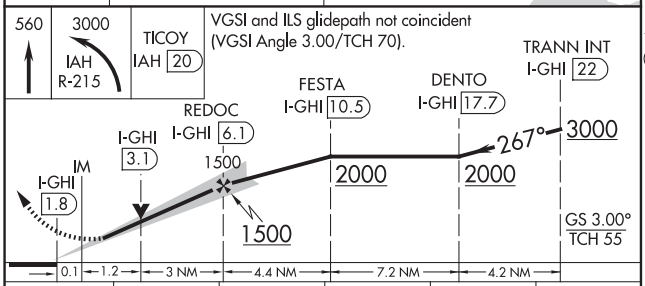
Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. For inop ALS, increase S-ILS 27 Cat E visibility to RVR 4000 and S-LOC 27 Cat C-E visibility to 1⅜ SM.

ALSF-2

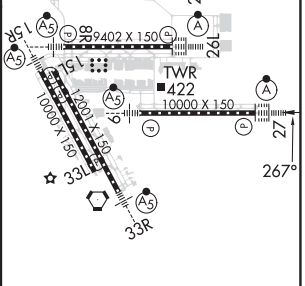
MISSED APPROACH: Climb to 560 then climbing left turn to 3000 on IAH VORTAC R-215 to TICOY/IAH 20 DME and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	





CATEGORY	A	B	C	D	E
S-ILS 27	286/18 200 (200-½)				
S-LOC 27	560/24 474 (500-½)		560/50 474 (500-1)		



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

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ILS or LOC RWY 33R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

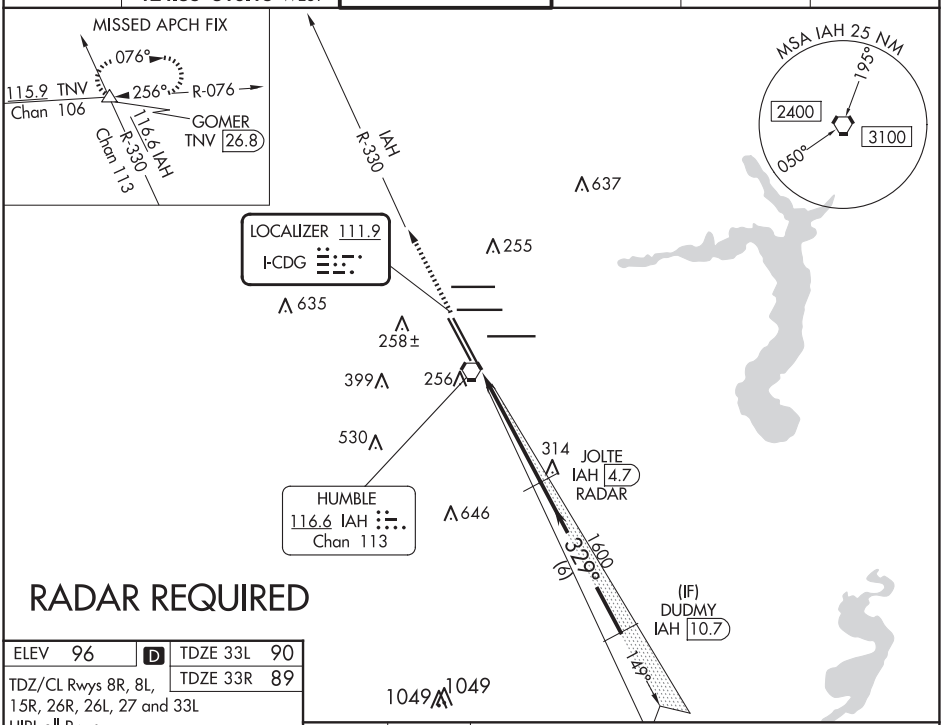
LOC I-CDG	APP CRS	Rwy 33R ldg	12001	Rwy 33L ldg	10000
111.9	329°	TDZE	89	TDZE	90
		Apt Elev	96	Apt Elev	96

T DME from IAH VORTAC. Simultaneous reception of I-CDG and IAH DME Required. For inop MALSR, increase S-ILS 33R Cat E visibility to RVR 4000 and S-LOC 33R Cat E visibility to 1⅜ mile. DME or RADAR Required. #RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 2000 on IAH VORTAC R-330 to GOMER INT/TNV 26.8 DME and hold.

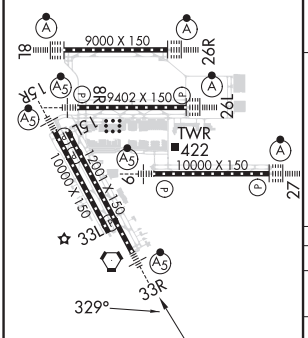
D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	127.3 288.25	121.7	128.1	

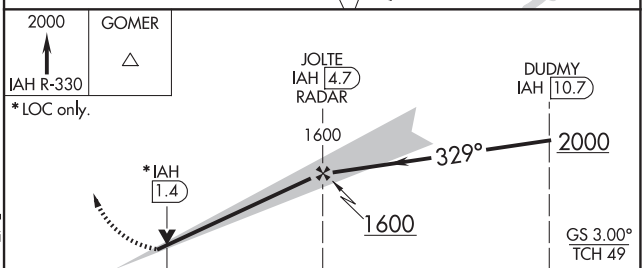


RADAR REQUIRED

ELEV 96	D	TDZE 33L 90
		TDZE 33R 89

TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys





CATEGORY	A	B	C	D	E
S-ILS 33R	# 289/24 200 (200-½)				
S-LOC 33R	540/24 451 (500-½)		540/45 451 (500-⅞)		
SIDESTEP Rwy 33L	540-1 450 (500-1)		540-1½ 450 (500-1½)	540-2 450 (500-2)	NA

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

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HOUSTON, TEXAS

AL-5461 (FAA)

24305

ILS RWY 8L (SA CAT I)

GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-BZU	APP CRS	Rwy ldg	9000
111.55	087°	TDZE	94
Chan 52 (Y)		Apt Elev	96

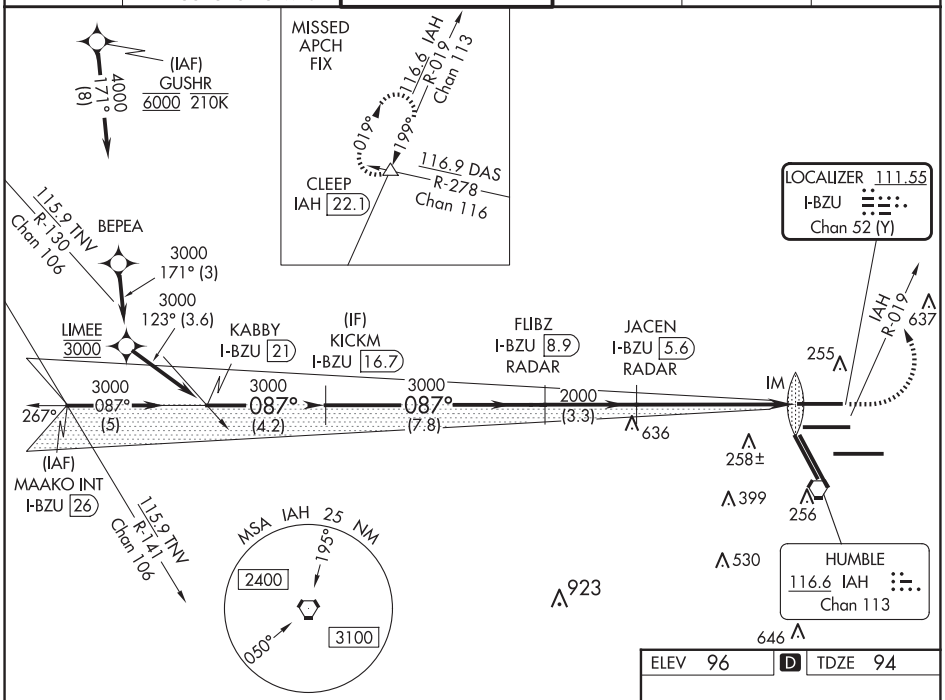
DME required. From GUSHR: RNAV 1-GPS required.

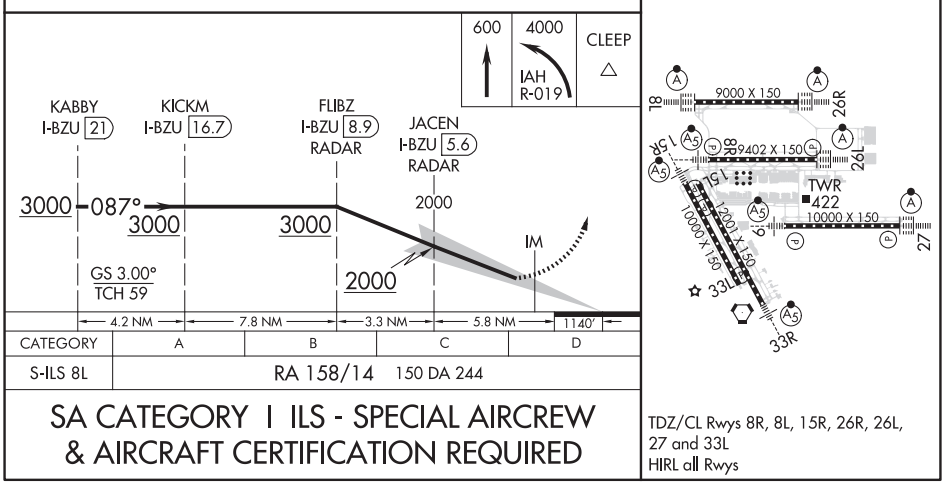
Simultaneous approach authorized with Rwy 8R and Rwy 9. Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing left turn to 4000 on IAH VORTAC R-019 to CLEEP INT/IAH 22.1 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 290.2	118.575	128.1	





CATEGORY	A	B	C	D
S-ILS 8L	RA 158/14 150 DA 244			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

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ILS RWY 26L (SA CAT I)
GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-JYV	APP CRS	Rwy ldg	9402
109.7	267°	TDZE	95
Chan 34		Apt Elev	96

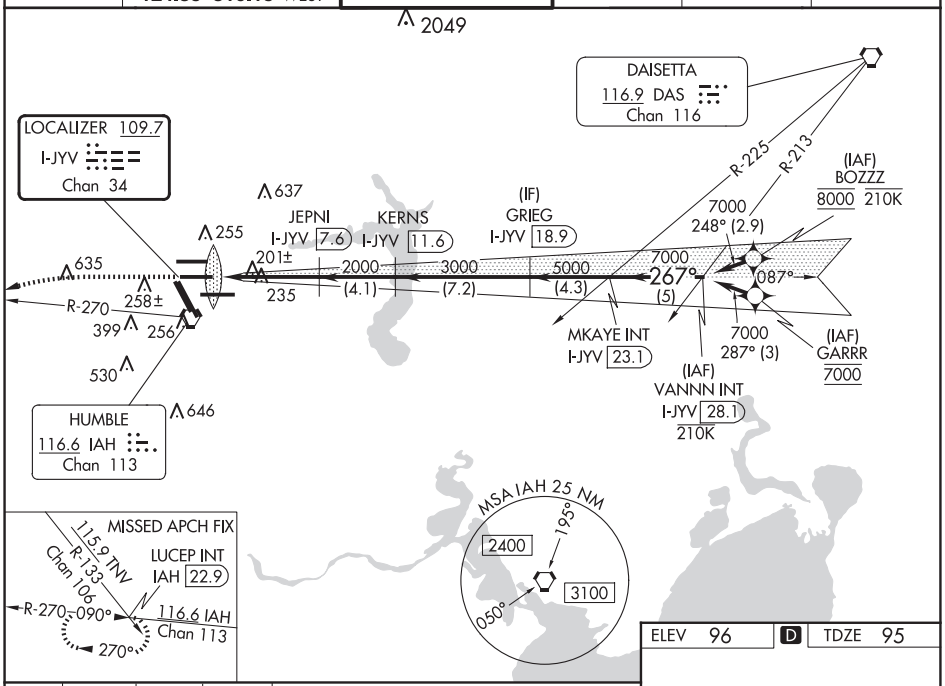
DME required. From BOZZZ, GARRR: RNAV 1-GPS required.

Simultaneous approach authorized with Rwy 26R and Rwy 27. Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

ALSF-2

MISSED APPROACH: Climb to 3000 then left turn heading 240° and IAH VORTAC R-270 to LUCEP INT/IAH 22.9 DME and hold.

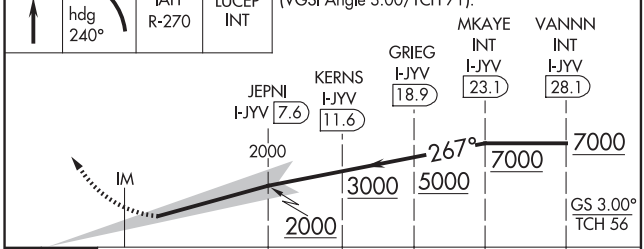
D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	

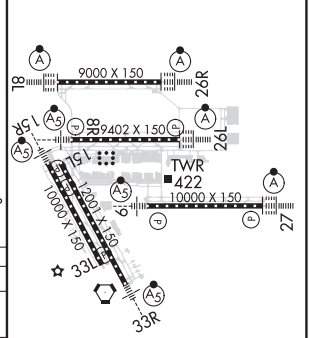


ELEV	96	D	TDZE	95

3000	hdg 240°	IAH R-270	LUCEP INT

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).





TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

CATEGORY	A	B	C	D
S-ILS 26L	RA 152/14 150 DA 245			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

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LOC/DME I-OND	APP CRS	Rwy ldg	9000
111.55	267°	TDZE	95
Chan 52 (Y)		Apt Elev	96

ILS RWY 26R (SA CAT I)
GEORGE BUSH INTCNTL/HOUSTON (IAH)

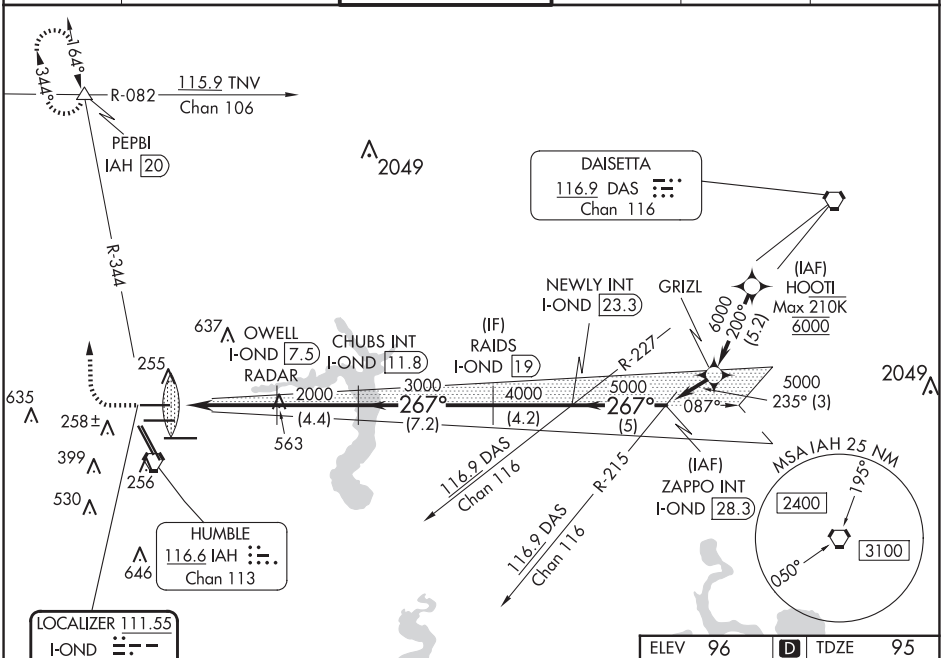
DME required. From HOOTI: RNAV 1-GPS required.

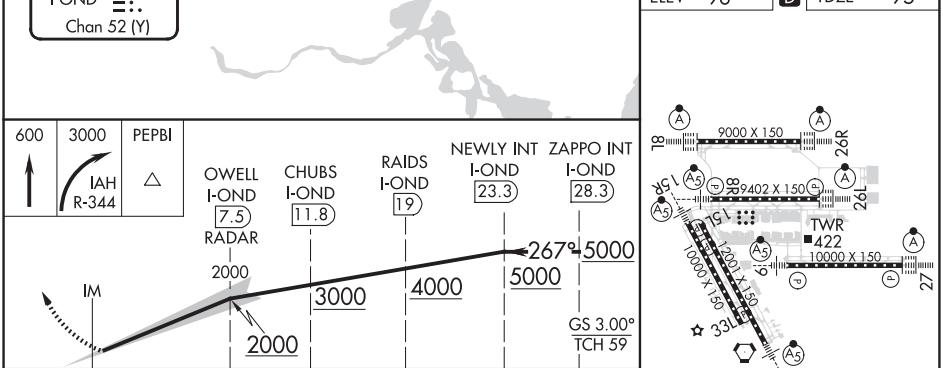
Simultaneous approach authorized with Rwy 26L and Rwy 27. Requires specific OPSPEC, MSPEC or LOA approval and use of HUD to DH.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 on IAH VORTAC R-344 to PEPBI INT/ IAH 20 DME and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 290.2	118.575	128.1	





CATEGORY	A	B	C	D
S-ILS-26R	RA 157/14 150 DA 245			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 96 D TDZE 95

TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

LOC/DME I-GHI	APP CRS	Rwy ldg 10000
110.9	267°	TDZE 86
Chan 46		Apt Elev 96

ILS RWY 27 (SA CAT I)
GEORGE BUSH INTCNTL/HOUSTON (IAH)

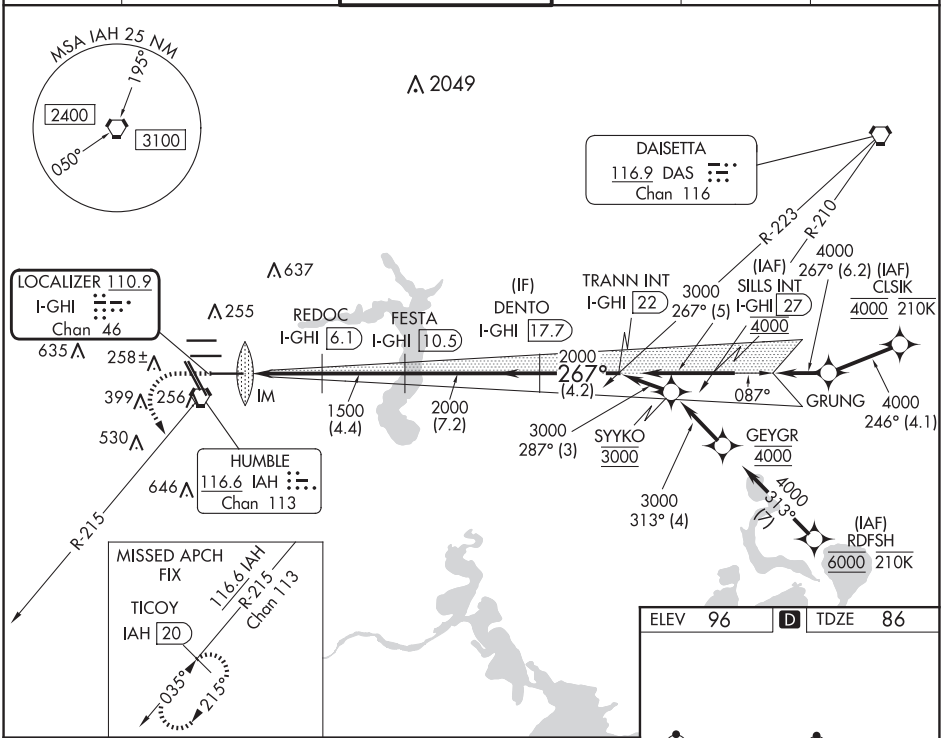
RNAV 1-GPS or RADAR required for procedure entry.
DME required.

Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

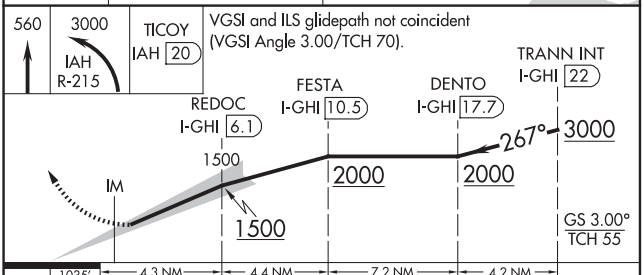
ALSF-2

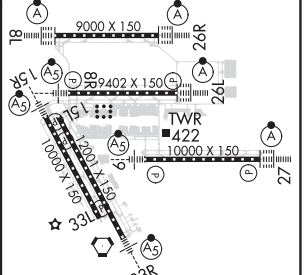
MISSED APPROACH: Climb to 560 then climbing left turn to 3000 on IAH VORTAC R-215 to TICOY/IAH 20 DME and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	



ELEV 96	D	TDZE 86





CATEGORY	A	B	C	D
S-ILS 27	RA 157/14 150 DA 236			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

SC-5, 12 JUN 2025 to 07 AUG 2025

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HOUSTON, TEXAS | AL-5461 (FAA) | 24305

ILS RWY 8R (SA CAT I & II)
GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-IAH	APP CRS	Rwy ldg	9402
109.7	087°	TDZE	95
Chan 34		Apt Elev	96

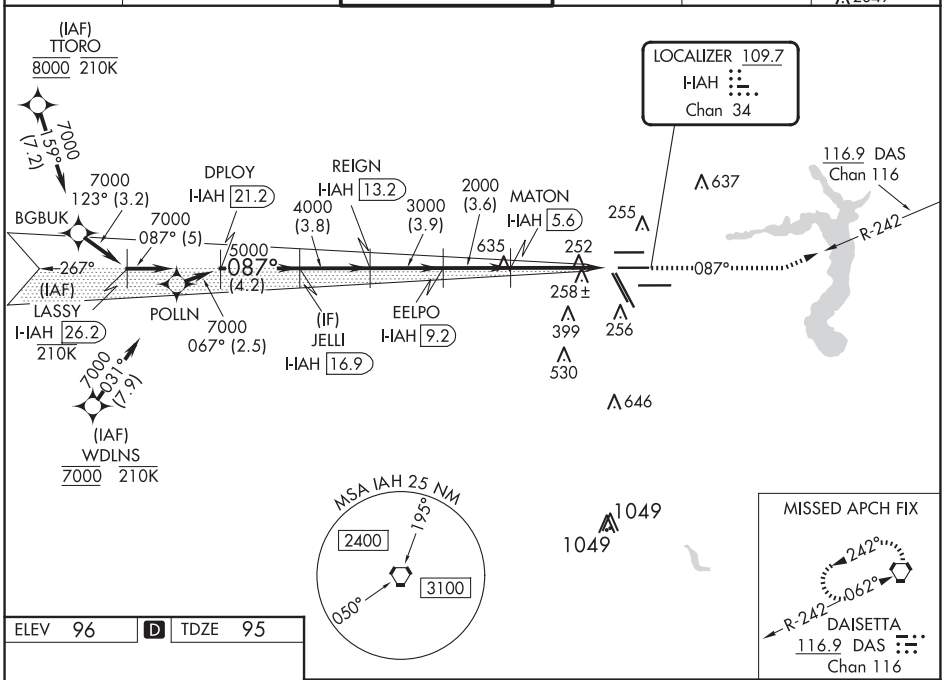
RNAV 1-GPS or RADAR required for procedure entry, DME.

Simultaneous approach authorized. SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approaval and use of HUD to DH. SA CAT II: Reduced lighting: requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

MALSR

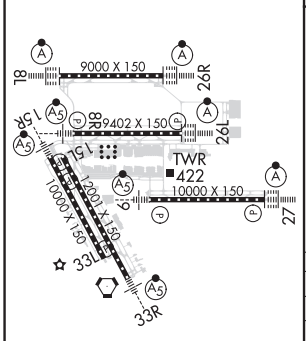
MISSED APPROACH: Climb to 3000 on heading 087° and on DAS VORTAC R-242 to DAS VORTAC and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	2049



MISSED APCH FIX

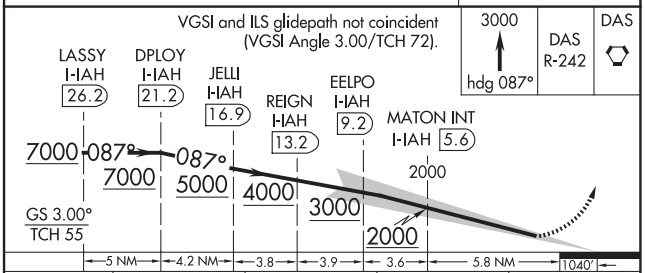
ELEV 96 | D | TDZE 95



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 72).

3000 hdg 087° | DAS R-242 | DAS



CATEGORY	A	B	C	D
S-ILS 8R	SA CAT I RA 152/14	150 DA 245		
S-ILS 8R	SA CAT II RA 102/12	100 DA 195		

SA CATEGORY I and II ILS SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

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LOC/DME I-UYO	APP CRS	Rwy ldg 10000
110.9	087°	TDZE 90
Chan 46		Apt Elev 96

ILS RWY 9 (SA CAT I & II)
GEORGE BUSH INTCNTL/HOUSTON (IAH)

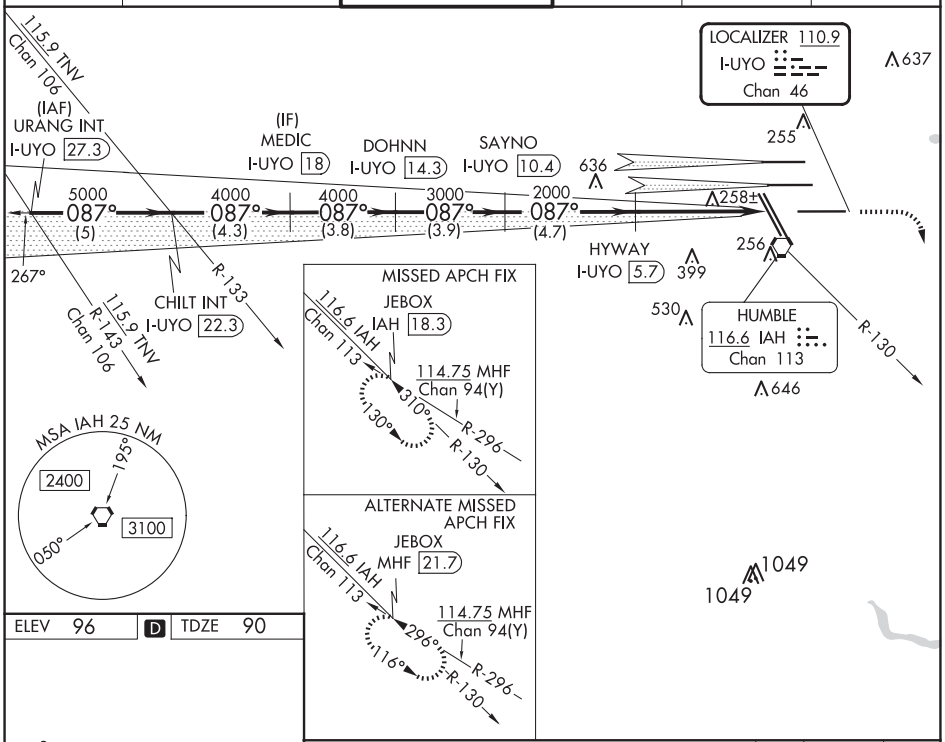
DME required. RADAR required for procedure entry.

T Simultaneous approach authorized with Rwy 8L/R. SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approval and use of AUTOLAND or HUD to touchdown. SA CAT II: Reduced lighting: requires specific OPSPEC, MSPEC, or LOA approval and use of AUTOLAND or HUD to touchdown.

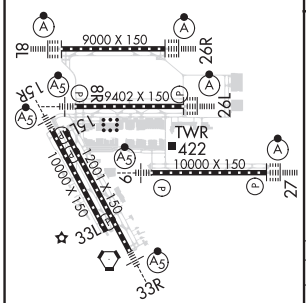
MALSR

MISSED APPROACH: Climb to 580 then climbing right turn to 3000 on IAH VORTAC R-130 to JEBOX/IAH 18.3 DME and hold.

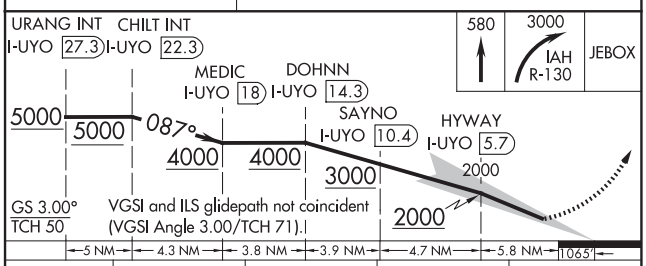
D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	



ELEV 96	D	TDZE 90



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys



CATEGORY	A	B	C	D
S-ILS 9	SA CAT I RA 148/14 150 DA 240			
S-ILS 9	SA CAT II RA 98/12 100 DA 190			

SA CATEGORY I and II ILS SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

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HOUSTON, TEXAS

AL-5461 (FAA)

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ILS RWY 8L (CAT II & III)
GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-BZU	APP CRS	Rwy ldg	9000
111.55	087°	TDZE	94
Chan 52 (Y)		Apt Elev	96

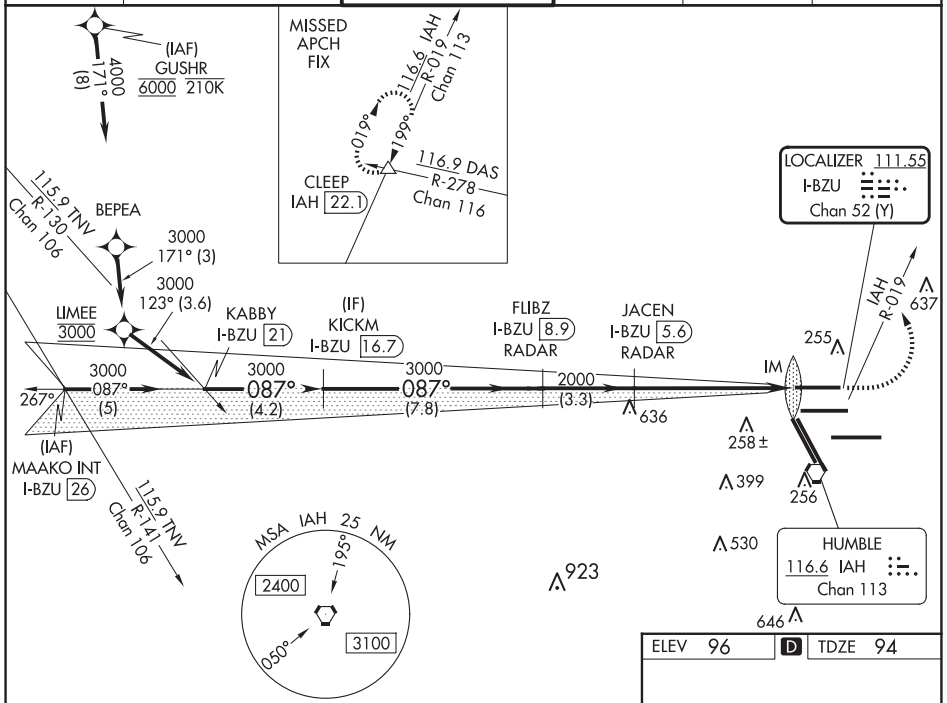
DME required. From GUSHR: RNAV 1-GPS required.

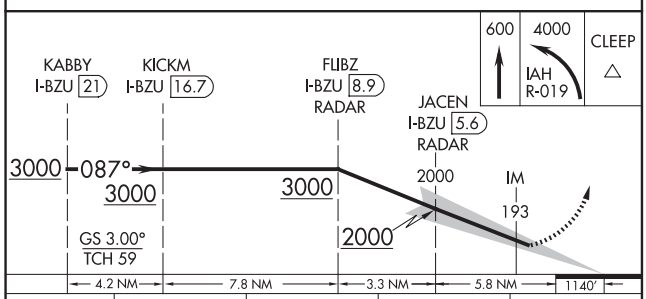
Simultaneous approach authorized with Rwy 8R and Rwy 9. CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing left turn to 4000 on IAH VORTAC R-019 to CLEEP INT/IAH 22.1 DME and hold.

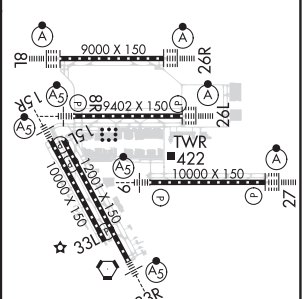
ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 290.2	118.575	128.1	





CATEGORY	A	B	C	D
S-ILS 8L	CAT II RA 108/12 100 DA 194			
S-ILS 8L	CAT III RVR 06			

ELEV 96 | D | TDZE 94



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ILS RWY 26L (CAT II & III)
GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-JYV	APP CRS	Rwy ldg	9402
109.7	267°	TDZE	95
Chan 34		Apt Elev	96

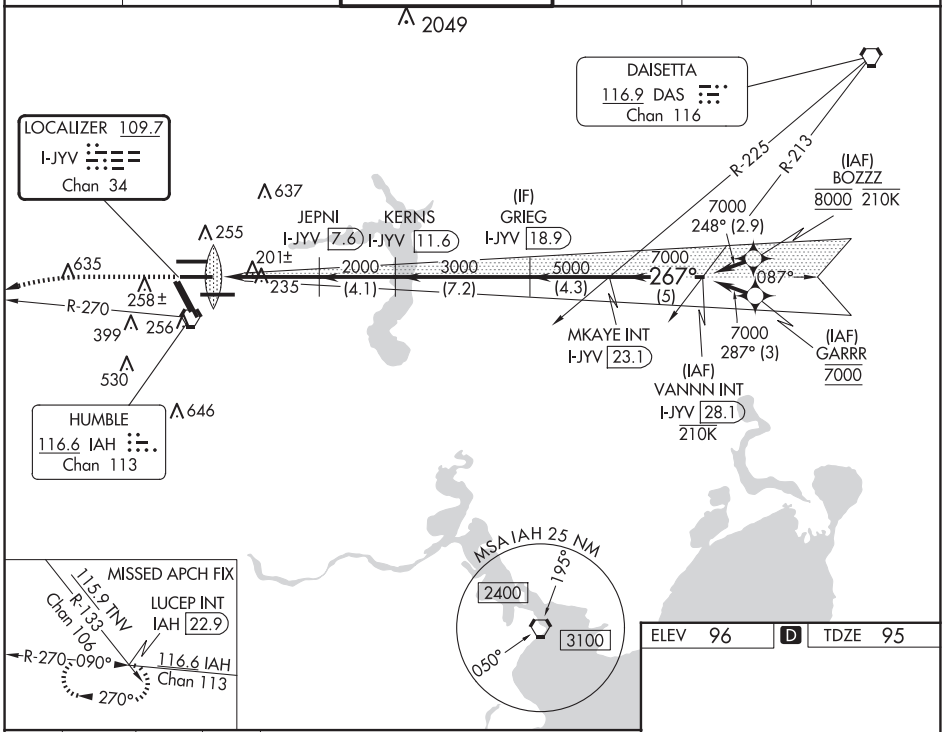
DME required. From BOZZZ, GARRR: RNAV 1-GPS required.

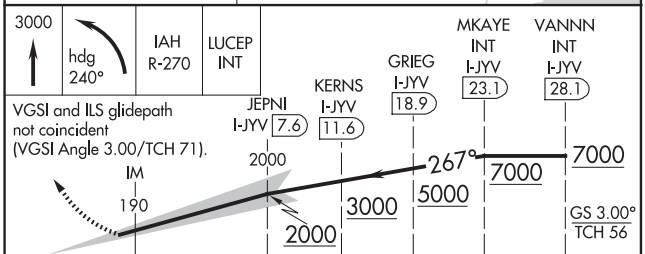
Simultaneous approach authorized with Rwy 26R and Rwy 27. Cat II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

MISSED APPROACH: Climb to 3000 then left turn heading 240° and IAH VORTAC R-270 to LUCEP INT/IAH 22.9 DME and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	

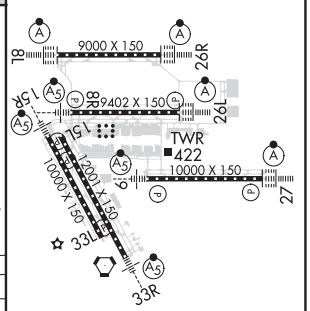




CATEGORY	A	B	C	D
S-ILS 26L	CAT II RA 100/12 100 DA 195			
S-ILS 26L	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 96 D TDZE 95



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

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ILS RWY 26R (CAT II & III)
GEORGE BUSH INTCNTL/HOUSTON (IAH)

LOC/DME I-OND	APP CRS	Rwy ldg	9000
111.55	267°	TDZE	95
Chan 52 (Y)		Apt Elev	96

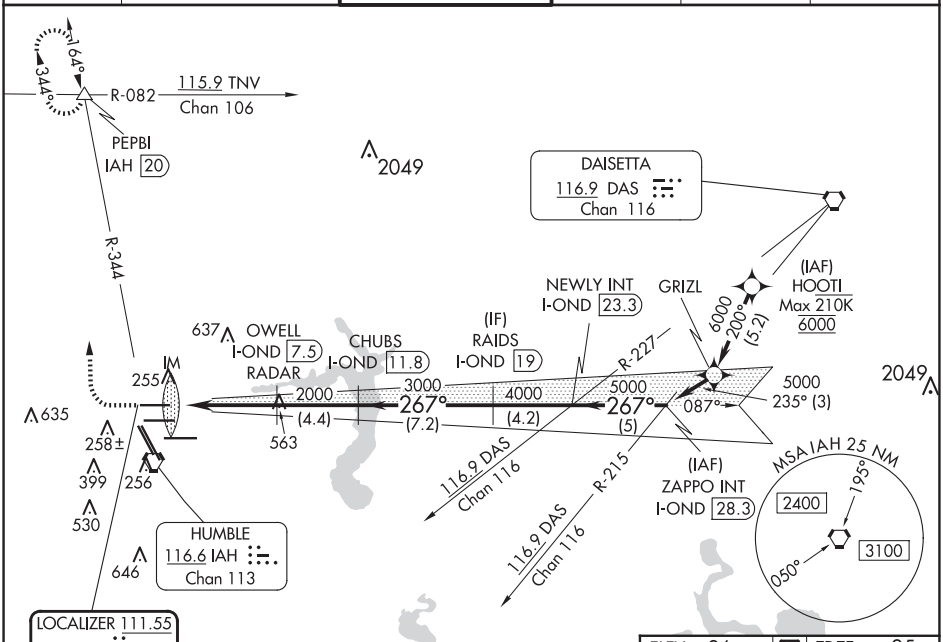
DME required. From HOOTI: RNAV 1-GPS required.

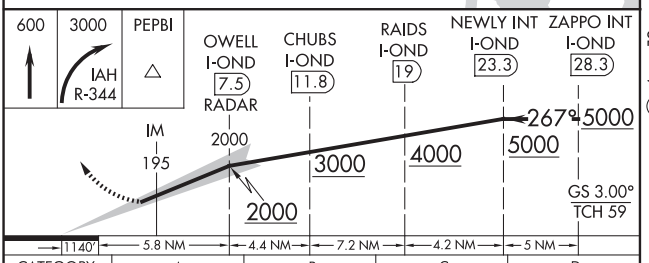
Simultaneous approach authorized with Rwy 26L and Rwy 27. Cat II: RVR 1000 authorized with specific OPSPEC, MSPEC or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 on IAH VORTAC R-344 to PEPBI INT/ IAH 20 DME and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 290.2	118.575	128.1	

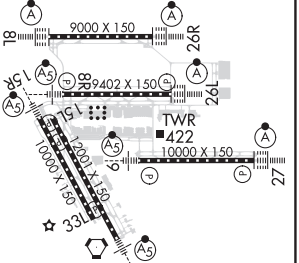




CATEGORY	A	B	C	D
S-ILS-26R	CAT II RA 99/12 100 DA 195			
S-ILS-26R	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 96 | D | TDZE 95



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

LOC/DME I-GHI	APP CRS	Rwy ldg 10000
110.9	267°	TDZE 86
Chan 46		Apt Elev 96

ILS RWY 27 (CAT II & III)
GEORGE BUSH INTCNTL/HOUSTON (IAH)

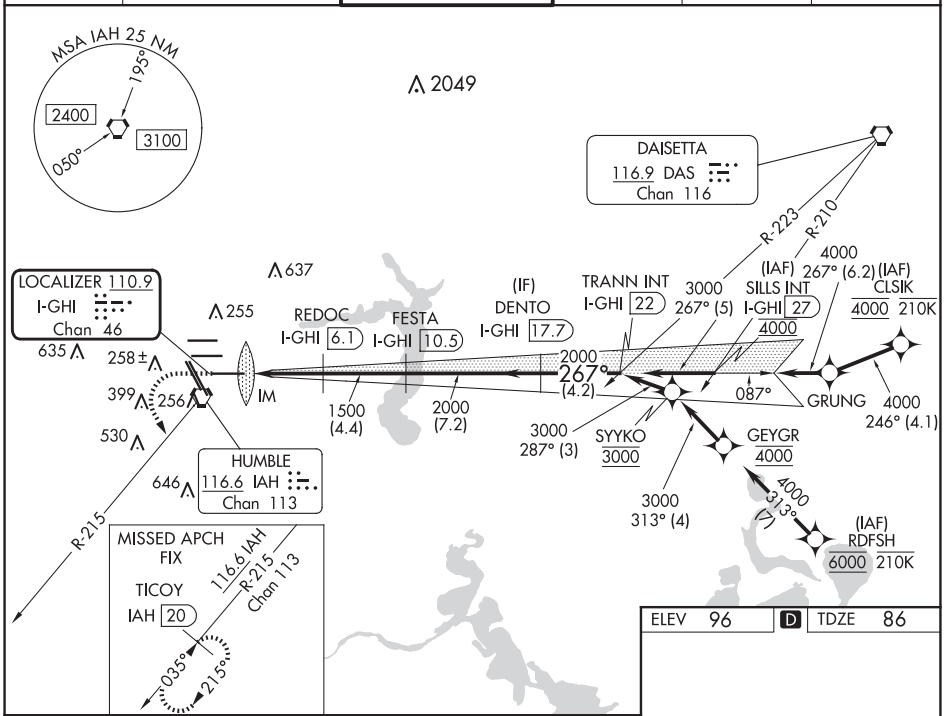
RNAV 1-GPS or RADAR required for procedure entry. DME required.

Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. Cat II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

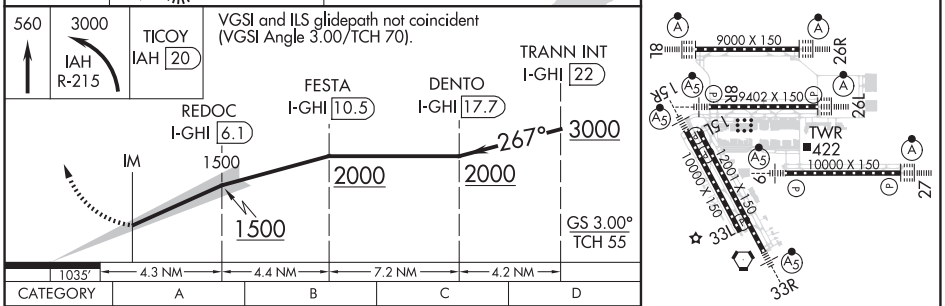
ALSF-2

MISSED APPROACH: Climb to 560 then climbing left turn to 3000 on IAH VORTAC R-215 to TICOY/IAH 20 DME and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	



ELEV 96	D	TDZE 86



CATEGORY	A	B	C	D
S-ILS 27	CAT II RA 101/12 100 DA 186			
S-ILS 27	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

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GBAS CH 21073 G08B	APP CRS 087°	Rwy ldg 9000 TDZE 94 Apt Elev 96

GLS RWY 8L
GEORGE BUSH INTCNTL/HOUSTON (IAH)

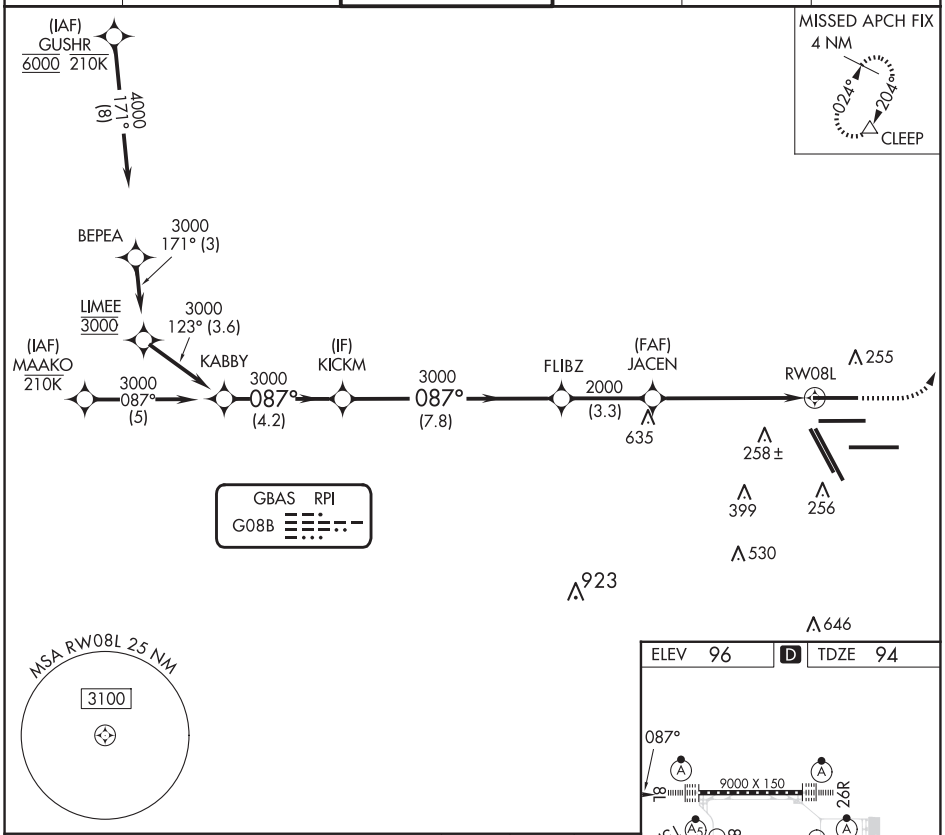
RNP APCH - GPS.

Use of FD or AP required during simultaneous operations. Autopilot coupled approach NA below 294. Simultaneous approach authorized.

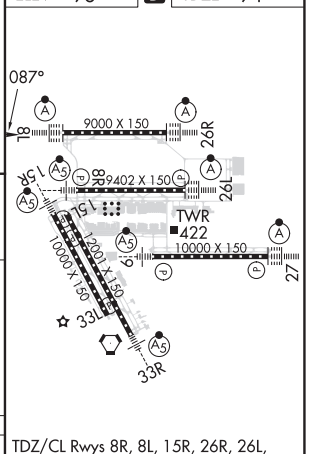
ALSF-2

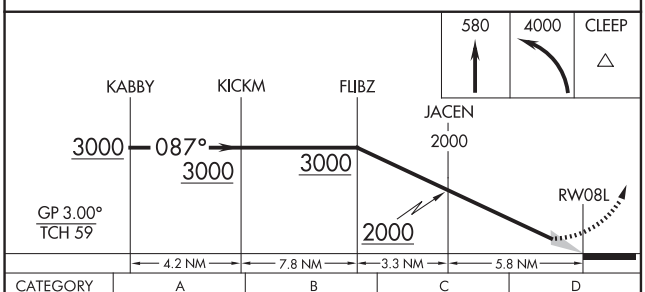
MISSED APPROACH: Climb to 580 then climbing left turn to 4000 direct CLEEP and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 290.2	118.575	128.1	



ELEV 96	D	TDZE 94





CATEGORY	A	B	C	D
GLS DA	294/18 200 (200-½)			

TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

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GBAS CH 20251 G08A	APP CRS 087°	Rwy ldg 9402 TDZE 95 Apt Elev 96

GLS RWY 8R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

RNP APCH - GPS.

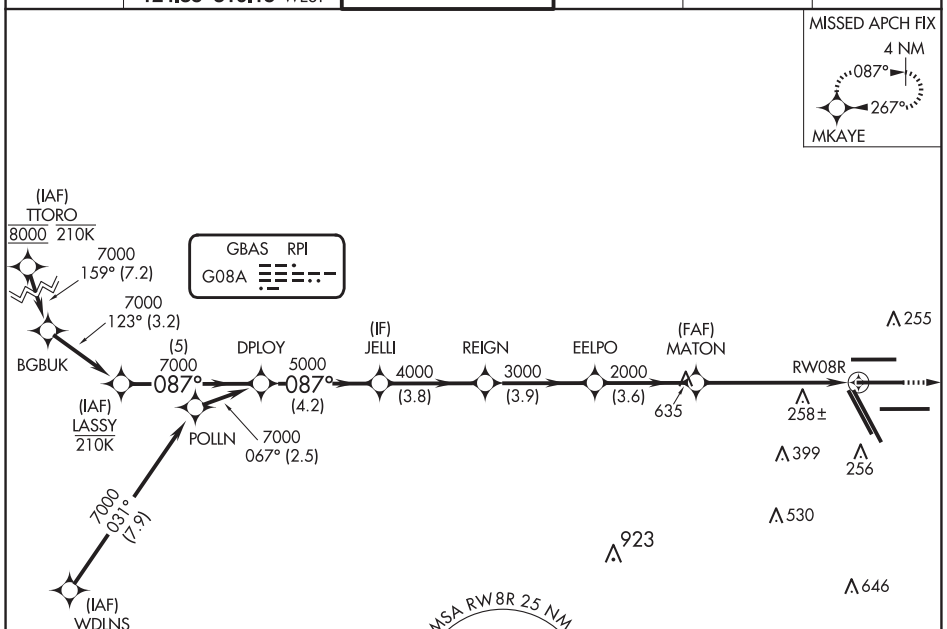
Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. Autopilot coupled approach NA below 295.

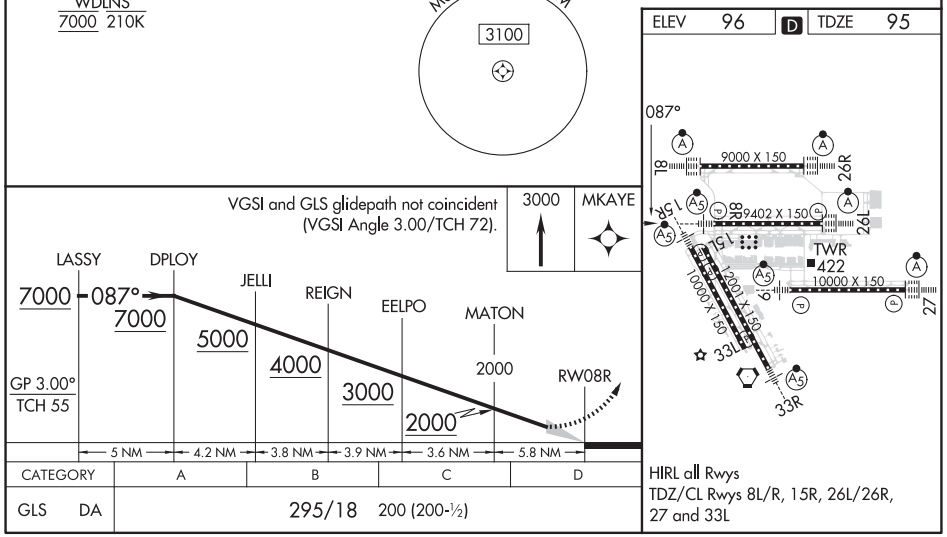
NA

MALSR

MISSED APPROACH: Climb to 3000 direct MKAYE and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	





CATEGORY	A	B	C	D
GLS DA	295/18 200 (200-½)			

HIRL all Rwys
TDZ/CL Rwys 8L/R, 15R, 26L/26R, 27 and 33L

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HOUSTON, TEXAS | AL-5461 (FAA) | 24305

GLS RWY 9
GEORGE BUSH INTCNTL/HOUSTON (IAH)

GBAS	APP CRS	Rwy ldg	10000
CH 21895	087°	TDZE	90
RPI G09A		Apt Elev	96

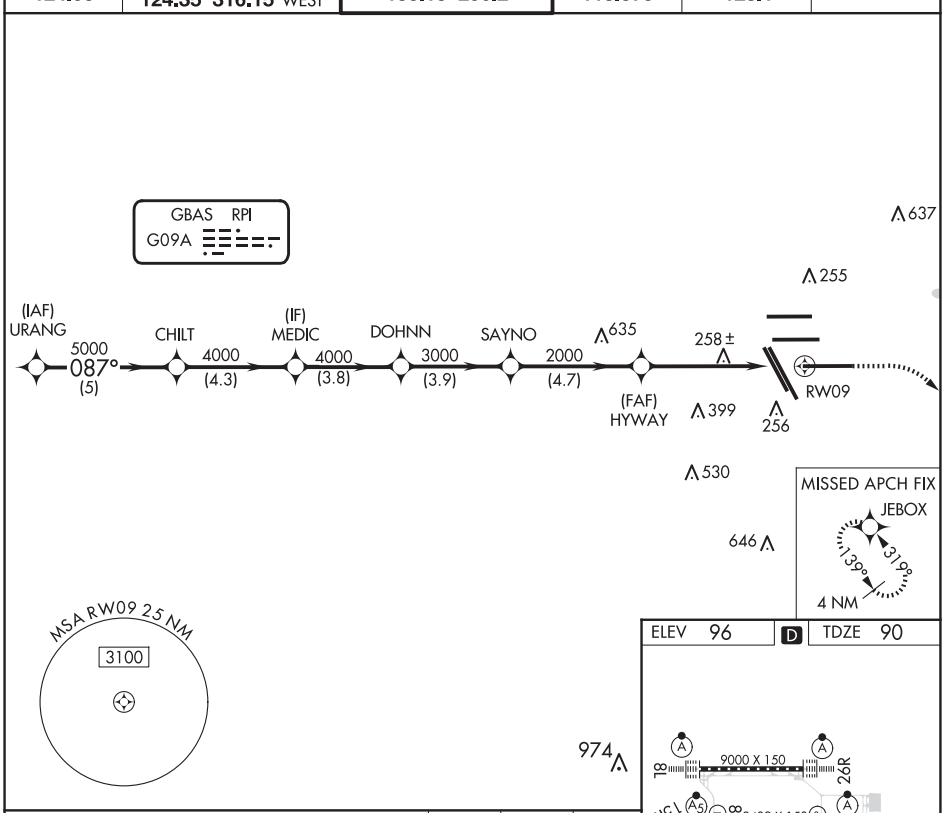
RNP APCH - GPS.

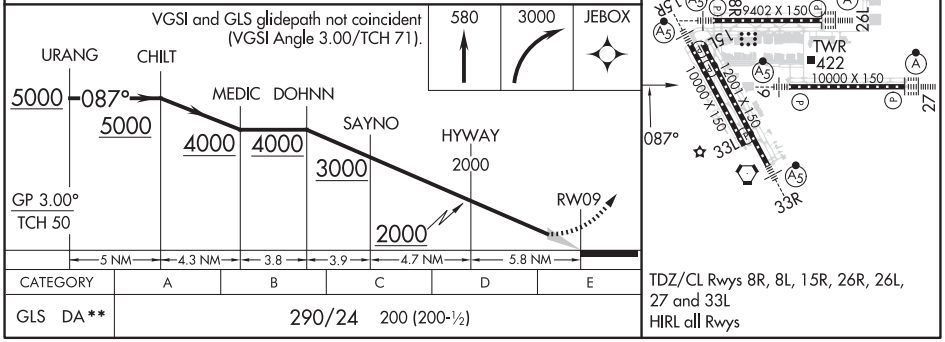
T A NA — Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. Autopilot coupled approach NA below 290. ** RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 580 then climbing right turn to 3000 direct JEBOX and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	





CATEGORY	A	B	C	D	E
GLS DA**	290/24 200 (200-½)				

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GLS RWY 26L
GEORGE BUSH INTCNTL/HOUSTON (IAH)

GBAS CH 20662 G26B	APP CRS 267°	Rwy ldg 9402 TDZE 95 Apt Elev 96

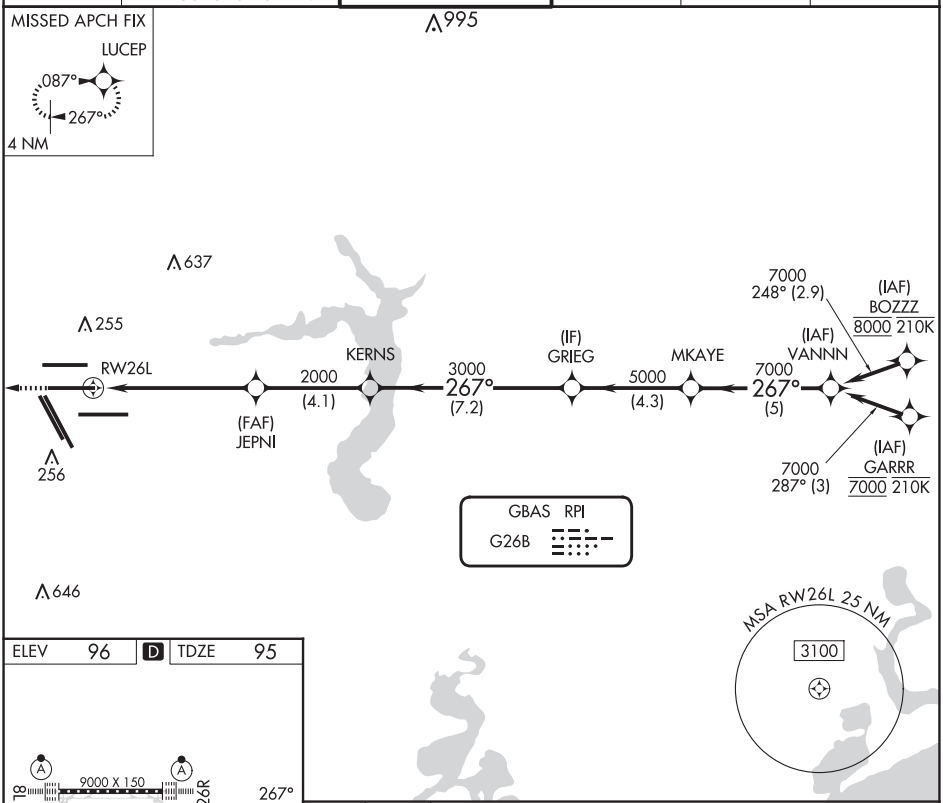
RNP APCH - GPS.

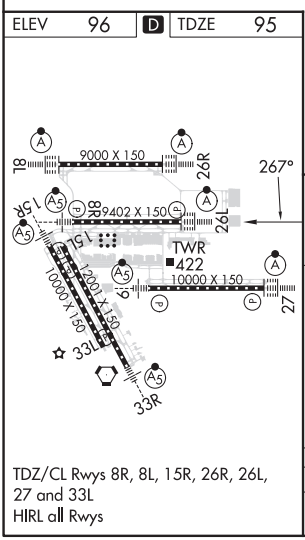
NA — Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. Autopilot coupled approach NA below 295.

ALSF-2

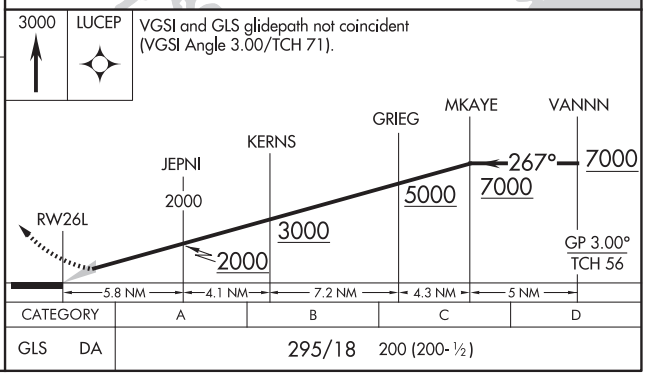
MISSED APPROACH: Climb to 3000 direct LUCEP and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	





TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys



CATEGORY	A	B	C	D
GLS DA	295/18 200 (200-½)			

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS AL-5461 (FAA) 24305

GBAS CH 21484 G26A	APP CRS 267°	Rwy ldg 9000 TDZE 95 Apt Elev 96

GLS RWY 26R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

RNP APCH - GPS.

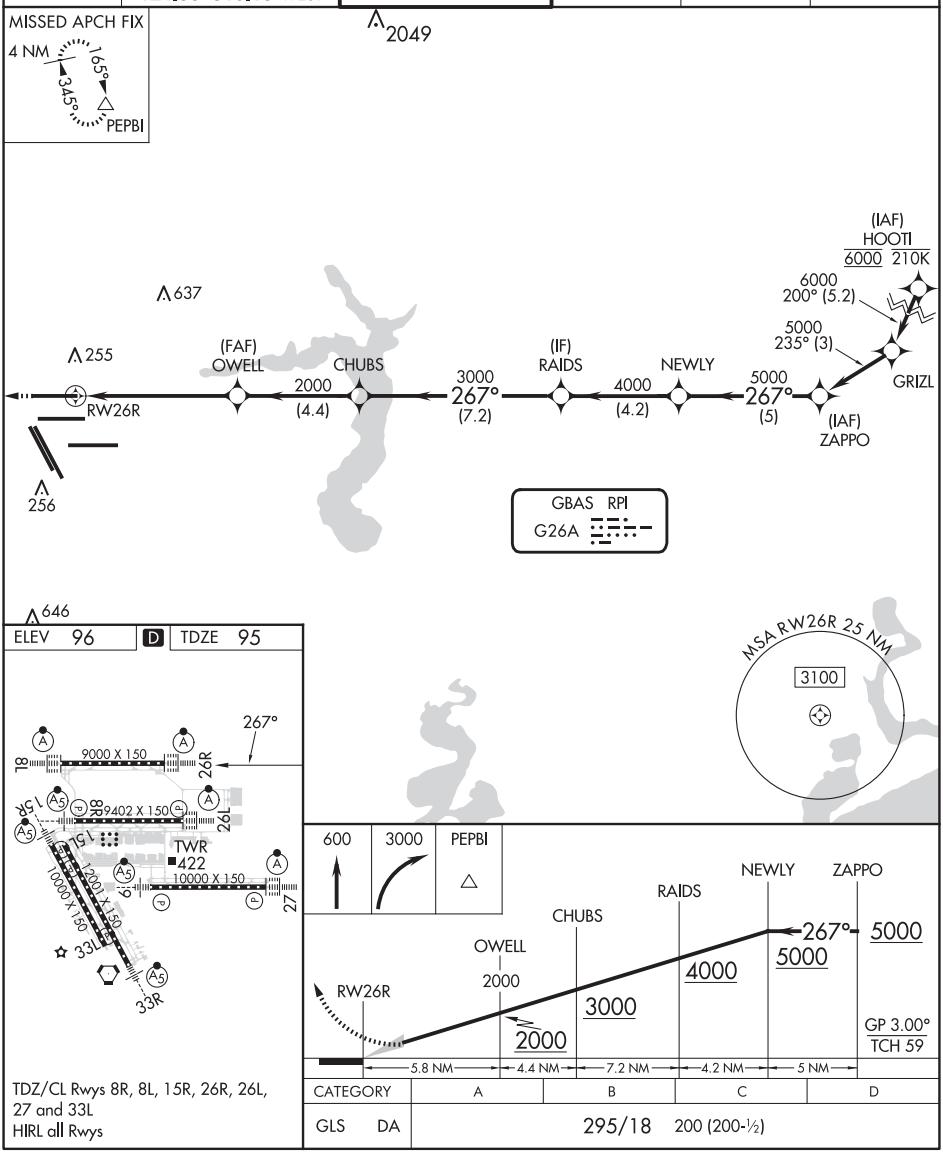
NA

Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. Autopilot coupled approach NA below 295.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct PEPBI and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 290.2	118.575	128.1	



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

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GBAS CH 22306 G27A	APP CRS 267°	Rwy ldg 10000 TDZE 86 Apt Elev 96

GLS RWY 27
GEORGE BUSH INTCNTL/HOUSTON (IAH)

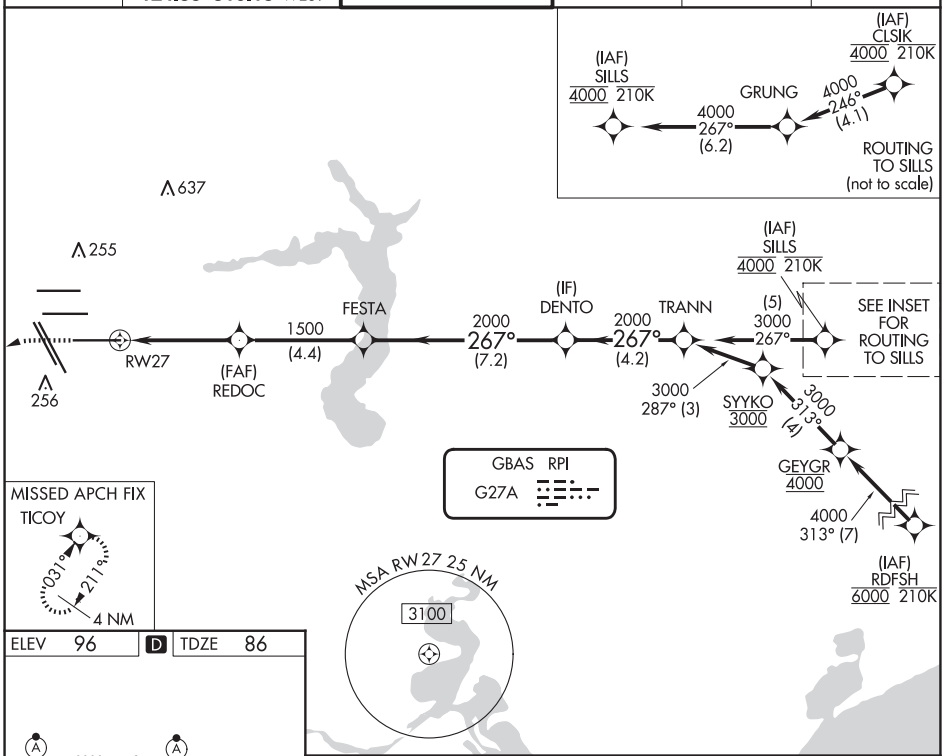
RNP APCH - GPS.

NA — Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. Autopilot coupled approach NA below 286.

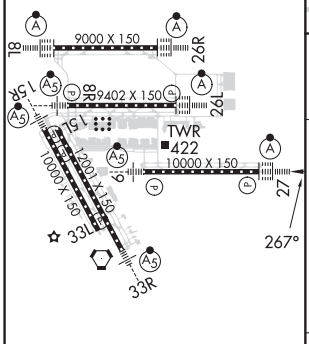
ALSF-2

MISSED APPROACH: Climb to 560 then climbing left turn to 3100 direct TICOY and hold.

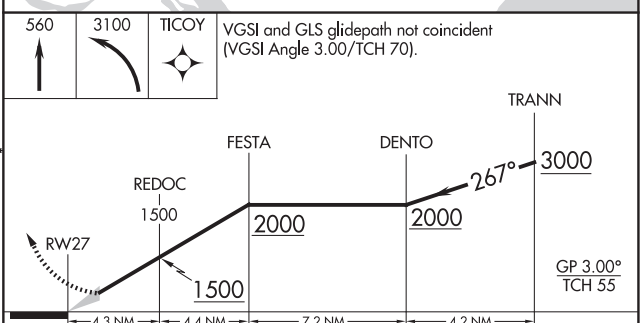
D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	



ELEV 96 | D | TDZE 86



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys



CATEGORY	A	B	C	D
GLS DA	286/18 200 (200-½)			

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HOUSTON, TEXAS | AL-5461 (FAA) | 24305

APP CRS	Rwy ldg	9000
087°	TDZE	94
	Apt Elev	96

RNAV (RNP) Y RWY 8L
GEORGE BUSH INTCNTL/HOUSTON (IAH)

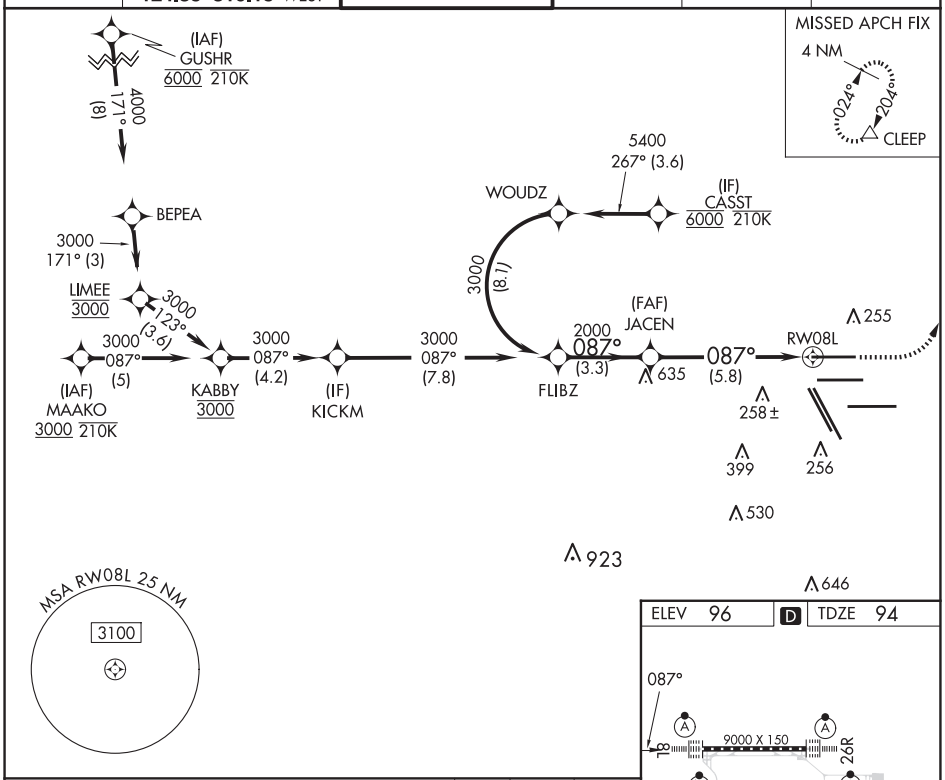
RNP AR APCH-GPS.

Simultaneous approach authorized. For uncompensated Baro-VNAV systems, procedure NA below -2°C or above 54°C. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For inop ALS, increase RNP 0.30 all Cats visibility to RVR 5500.

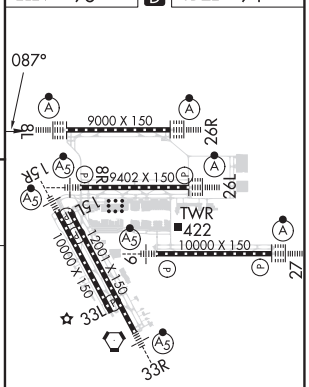
ALSF-2

MISSED APPROACH: Climb to 580 then climbing left turn to 4000 direct CLEEP and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.72 290.2	121.7	128.1	



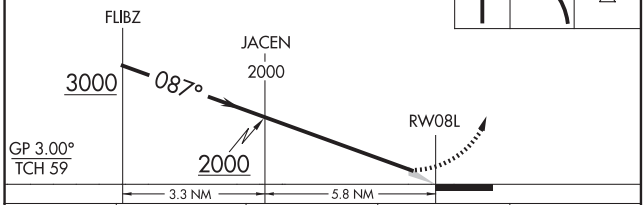
ELEV	96	D	TDZE	94



TDZ/CL Rwys 8L, 8R, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

See planview for multiple IF locations.

580	4000	CLEEP



CATEGORY	A	B	C	D
RNP 0.30 DA	465/35 371 (400-⅝)			

AUTHORIZATION REQUIRED

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy ldg	9402
087°	TDZE	95
	Apt Elev	96

RNAV (RNP) Y RWY 8R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

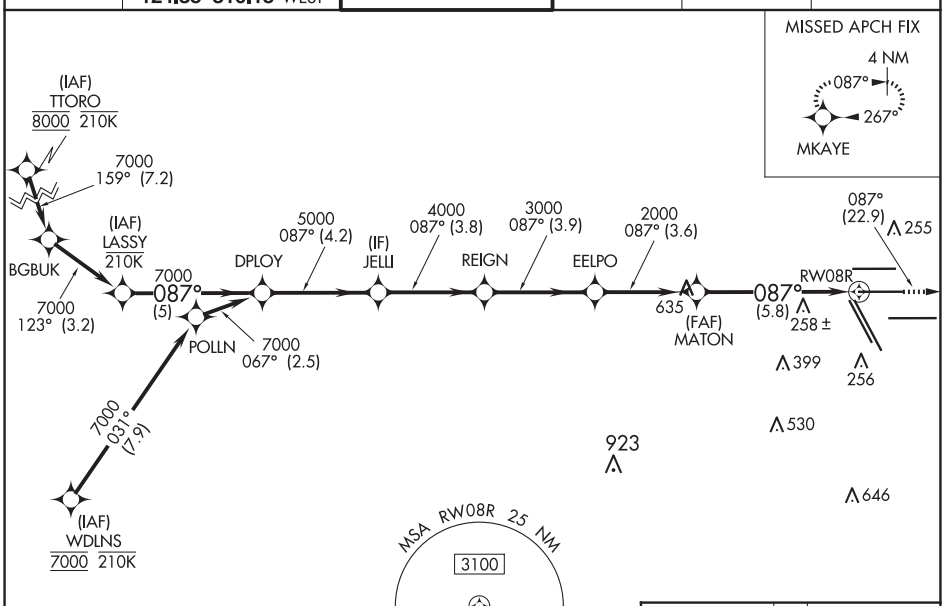
RNP AR APCH.

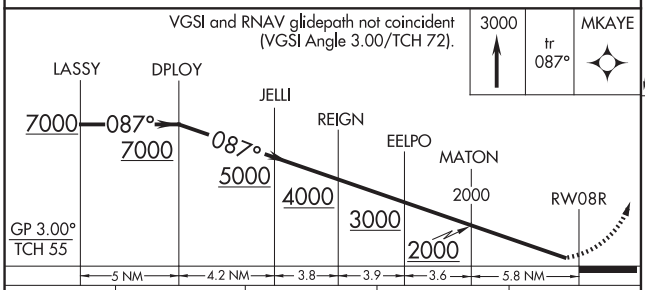
For uncompensated Baro-VNAV systems, procedure NA below -3°C or above 54°C. For inop ALS increase RNP 0.13 all Cats visibility to RVR 4500, RNP 0.14 all Cats visibility to RVR 5600, RNP 0.30 all Cats visibility to 1¼ SM. Simultaneous approach authorized.

MALSR

MISSED APPROACH: Climb to 3000 on track 087° to MKAYE and hold.

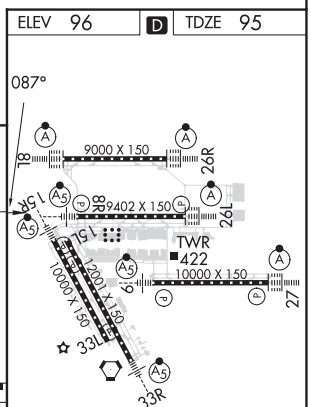
D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	





CATEGORY	A	B	C	D
RNP 0.13 DA	383/40	288 (300-¾)		
RNP 0.14 DA	441/40	346 (400-¾)		
RNP 0.30 DA	492/45	397 (400-⅞)		

AUTHORIZATION REQUIRED



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

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APP CRS	Rwy ldg	10000
087°	TDZE	91
	Apt Elev	96

RNAV (RNP) Y RWY 9

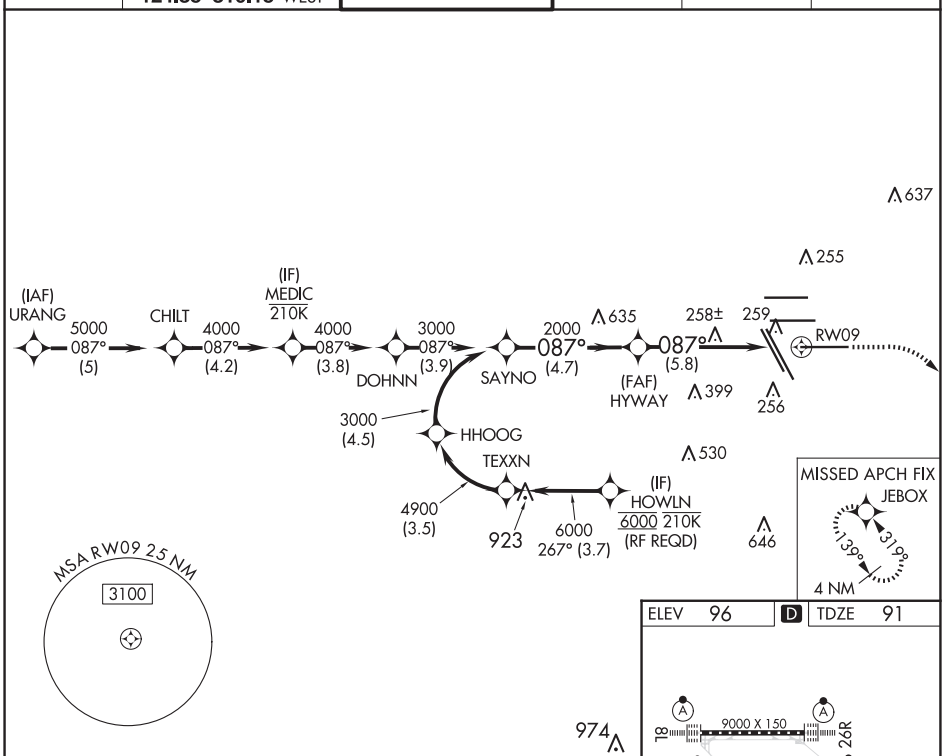
GEORGE BUSH INTCNTL/HOUSTON (IAH)

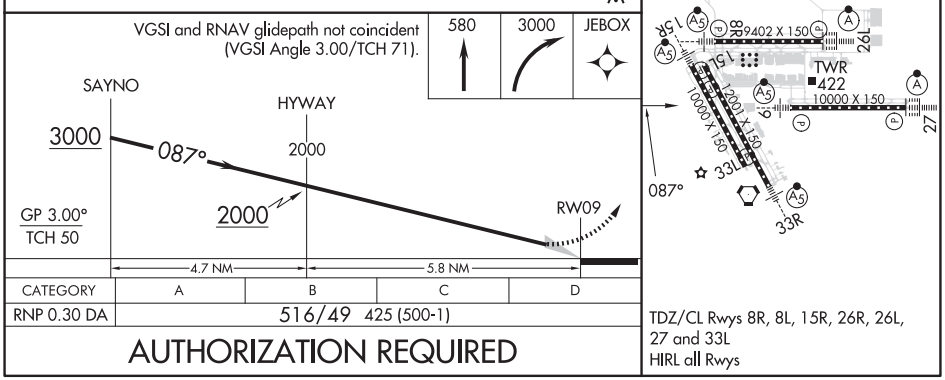
For uncompensated Baro-VNAV systems, procedure NA below -3°C (27°F) or above 54°C (130°F). GPS required. For inop MALSR, increase all Cats visibility to 1⅜ mile. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

MALSR

MISSED APPROACH: Climb to 580 then climbing right turn to 3000 direct JEBOX and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	





CATEGORY	A	B	C	D
RNP 0.30 DA	516/49 425 (500-1)			

AUTHORIZATION REQUIRED

TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

SC-5, 12 JUN 2025 to 07 AUG 2025

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APP CRS	Rwy ldg	9402
267°	TDZE	95
	Apt Elev	96

RNAV (RNP) Y RWY 26L
GEORGE BUSH INTCNTL/HOUSTON (IAH)

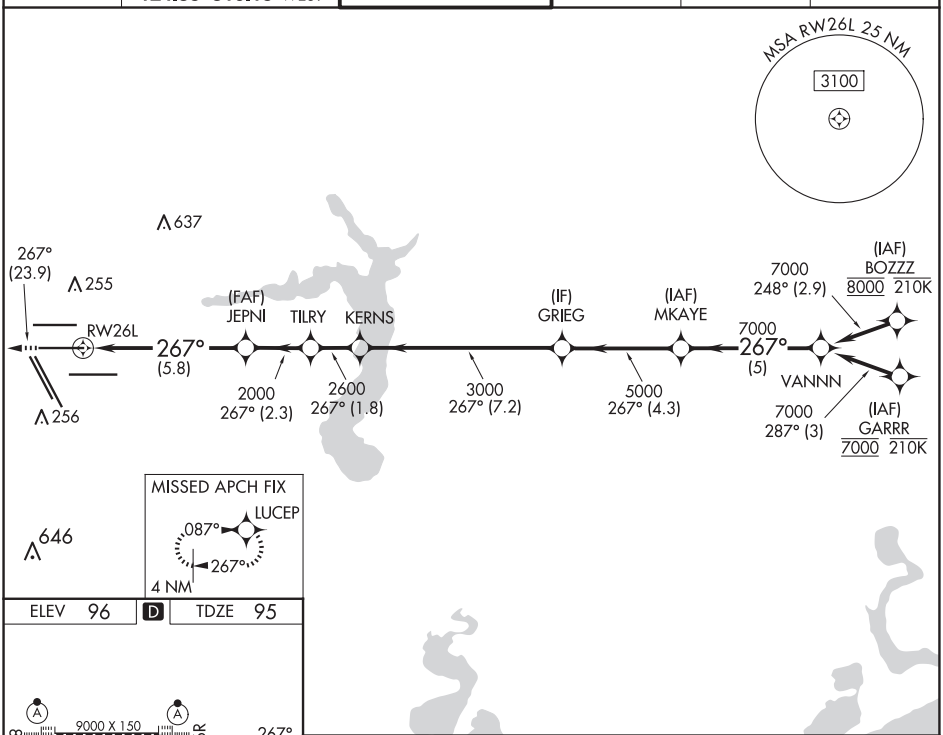
RNP AR APCH - GPS.

For uncompensated Baro-VNAV systems, procedure NA below -3°C or above 54°C. Simultaneous approach authorized. For inop ALS, increase RNP 0.13 all Cats visibility to RVR 5100, and RNP 0.30 all Cats visibility to 1½ SM.

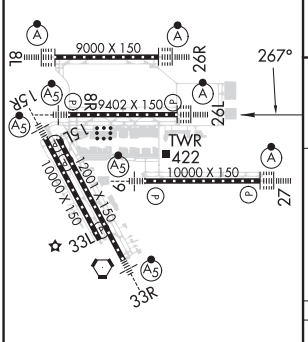
ALSF-2

MISSED APPROACH: Climb to 3000 on track 267° to LUCEP and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	



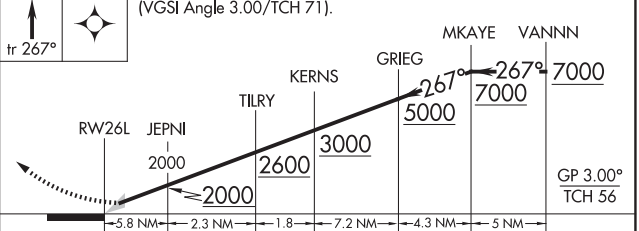
ELEV 96	D	TDZE 95



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

3000 LUCEP
tr 267°

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D
RNP 0.13 DA	414/40	319 (400-¾)		
RNP 0.30 DA	549/55	454 (500-1)		

AUTHORIZATION REQUIRED

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RNAV (RNP) Y RWY 26R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

APP CRS	Rwy ldg	9000
267°	TDZE	96
	Apt Elev	96

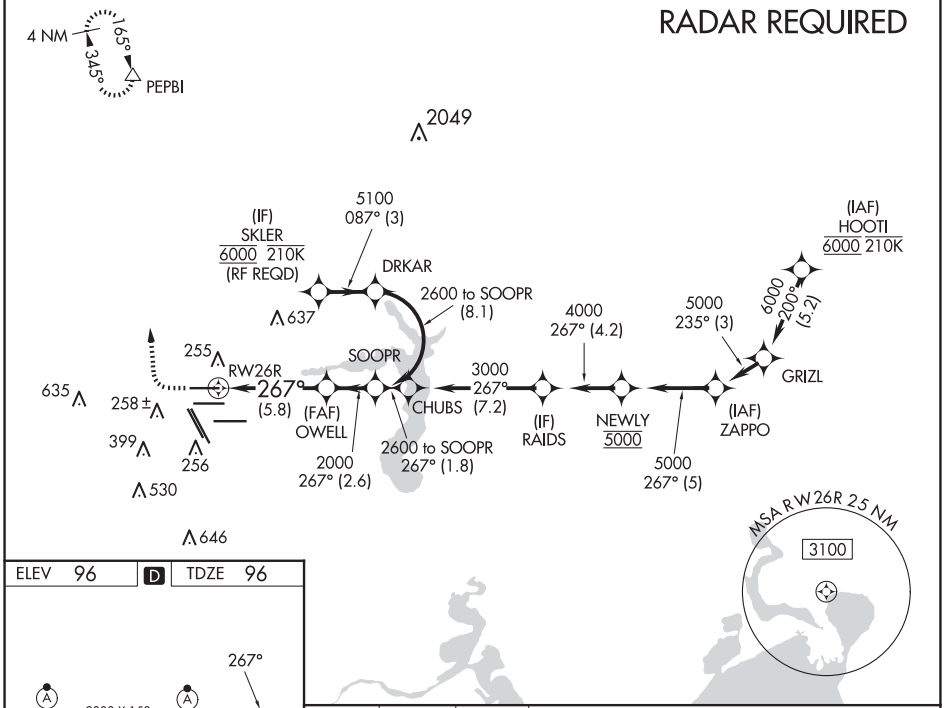
For uncompensated Baro-VNAV systems, procedure NA below -3°C (27°F) or above 54°C (130°F). GPS required. Simultaneous approach authorized. For inop ALS, increase RNP 0.11 all Cats visibility to RVR 5000 and increase RNP 0.15 all Cats visibility to 1¼ SM. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

ALSF-2

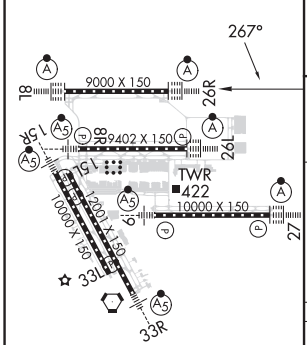
MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct PEPBI and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.72 290.2	121.7	128.1	

RADAR REQUIRED

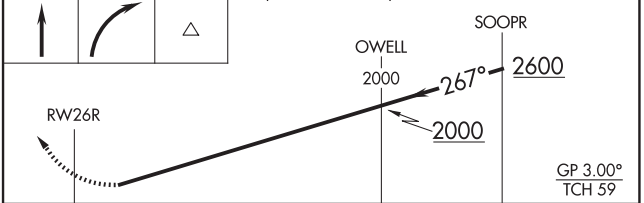


ELEV 96 | D | TDZE 96



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

600	3000	PEPBI	See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.11 DA		429/40	333 (400-¾)	
RNP 0.15 DA		496/45	400 (400-⅞)	
RNP 0.30 DA		554/50	458 (500-1¼)	

AUTHORIZATION REQUIRED

HOUSTON, TEXAS
Orig-D 13SEP18

GEORGE BUSH INTCNTL/HOUSTON (IAH)
29°59′N-95°20′W
RNAV (RNP) Y RWY 26R

SC-5, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy ldg	10000
267°	TDZE	86
	Apt Elev	96

RNAV (RNP) Y RWY 27
GEORGE BUSH INTCNTL/HOUSTON (IAH)

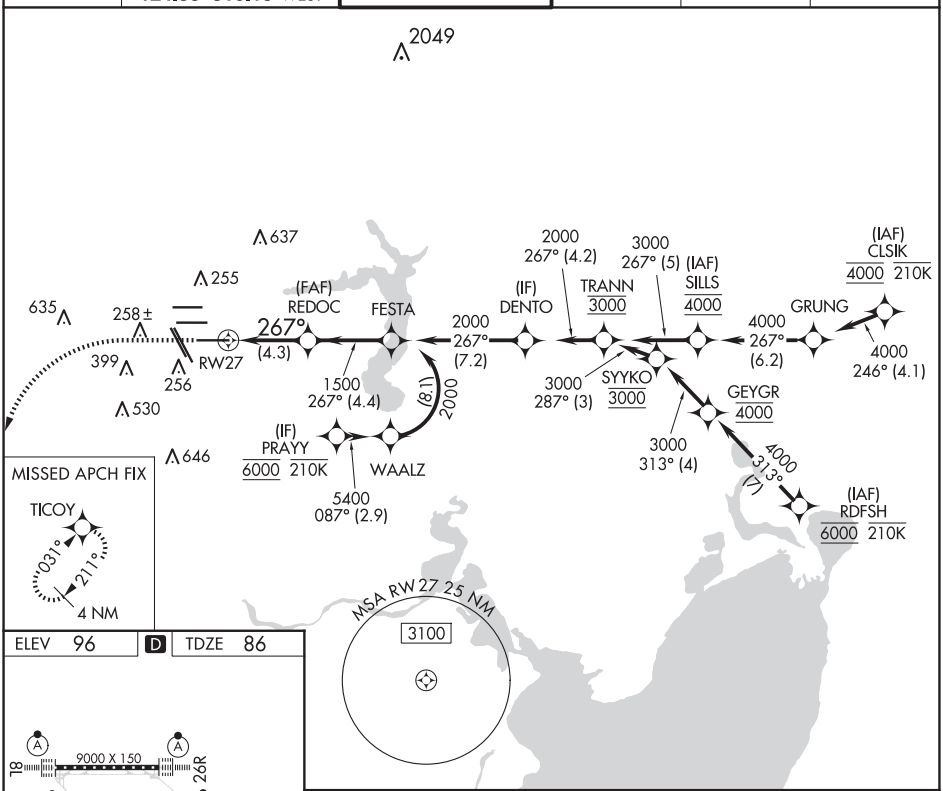
RNP AR APCH - GPS.

Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. For uncompensated Baro-VNAV systems, procedure NA below -2°C or above 54°C. For inop ALS, increase RNP 0.30 all Cats visibility to RVR 4500.

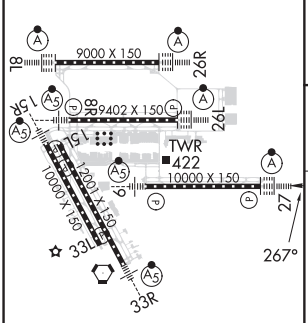
ALSF-2

MISSED APPROACH: Climb to 560 then climbing left turn to 3000 direct TICOY and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	



ELEV 96 | D | TDZE 86

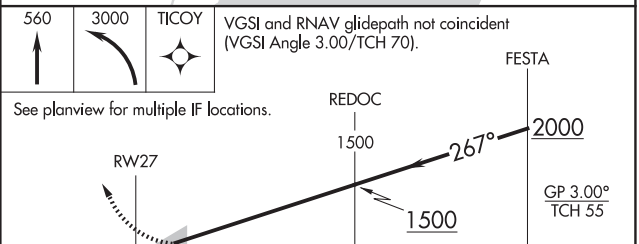


TDZ/CL Rwys 8L, 8R, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

560	3000	TICOY

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 70).

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.30 DA	380/24 294 (300-½)			

AUTHORIZATION REQUIRED

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RNAV (GPS) RWY 15R

GEORGE BUSH INTCNTL/HOUSTON (IAH)

WAAS CH 97599 W15A	APP CRS 149°	Rwy ldg 10000 TDZE 95 Apt Elev 96

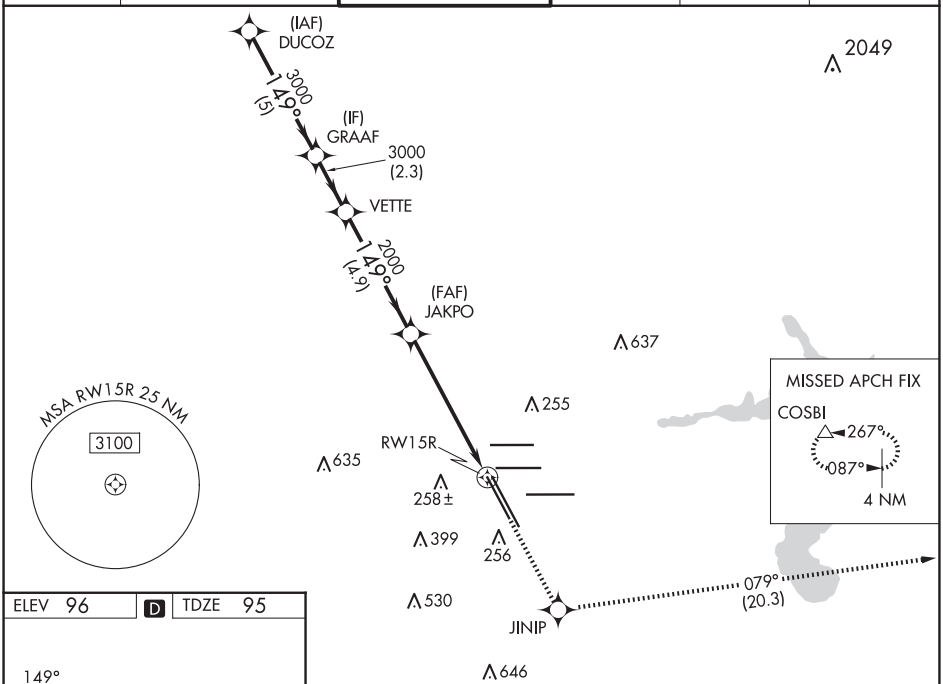
RADAR required for procedure entry.
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C or above 54°C. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to RVR 5500, and LNAV Cat C/D/E visibility to 1⅜ SM.

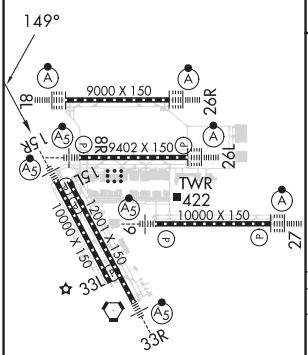
MALSR

MISSED APPROACH: Climb to 2000 direct JINIP and left turn on track 079° to COSBI and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	127.3 288.25	121.7	128.1	



ELEV 96 | D | TDZE 95

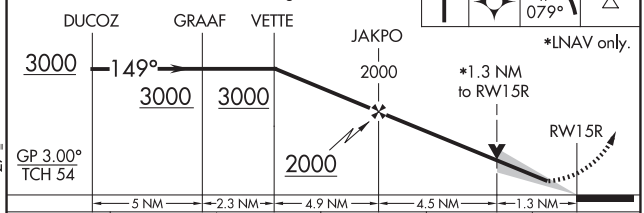


TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).

2000	JINIP	tr 079°	COSBI

*LNAV only.



CATEGORY	A	B	C	D	E
LPV DA	295/18 200 (200-½)				
LNAV/VNAV DA	460/35 365 (400-⅝)				
LNAV MDA	580/24 485 (500-½)		580/50 485 (500-1)		

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RNAV (GPS) RWY 33R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

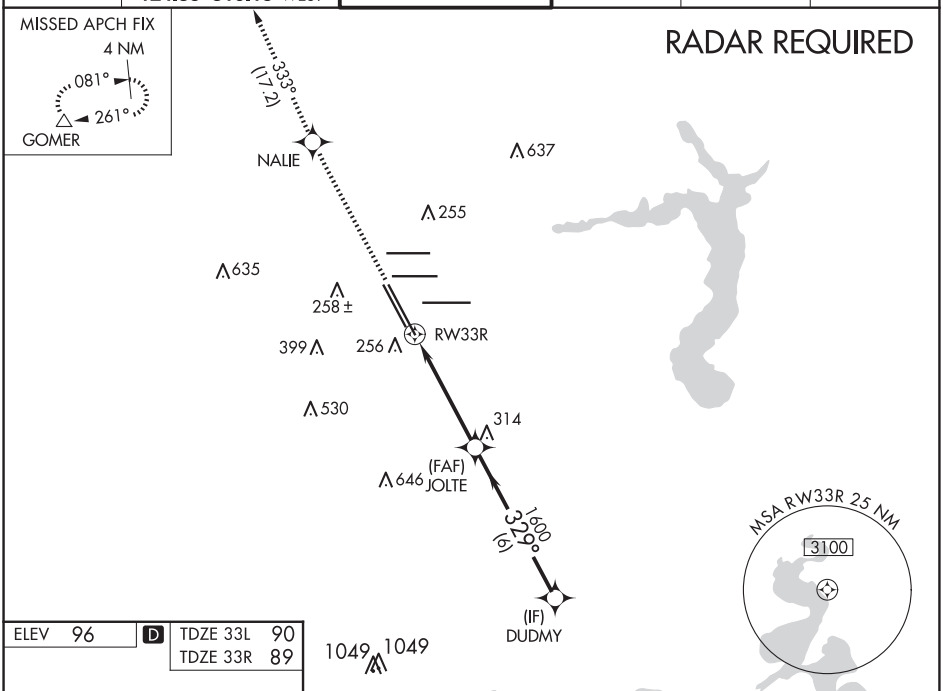
WAAS CH 57902 W33A	APP CRS 329°	Rwy 33R Rwy ldg 12001 TDZE 89 Apt Elev 96	Rwy 33L Rwy ldg 10000 TDZE 90 Apt Elev 96

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C (27°F) or above 54°C (130°F). For inop MALSR, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 1⅜ , and LNAV Cat E visibility to 1⅜ . DME/DME RNP-0.3 NA. ** RVR 1800 authorized with use of FD or AP or HUD to DA.

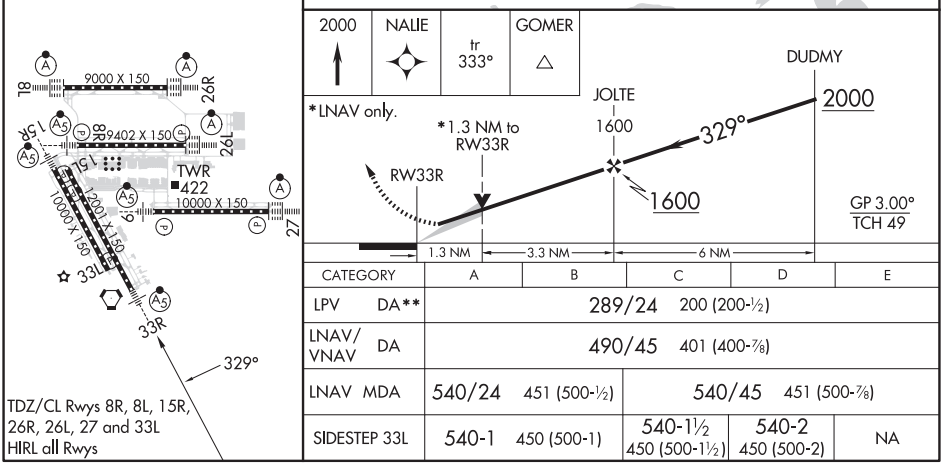
MALSR

MISSED APPROACH: Climb to 2000 direct NALIE and on track 333° to GOMER and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	127.3 288.25	121.7	128.1	



ELEV 96 D TDZE 33L 90 TDZE 33R 89



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

CATEGORY	A	B	C	D	E
LPV DA**	289/24 200 (200-½)				
LNAV/VNAV DA	490/45 401 (400-⅞)				
LNAV MDA	540/24 451 (500-½)		540/45 451 (500-⅞)		
SIDESTEP 33L	540-1 450 (500-1)		540-1½ 450 (500-1½)	540-2 450 (500-2)	NA

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RNAV (GPS) Z RWY 8L
GEORGE BUSH INTCNTL/HOUSTON (IAH)

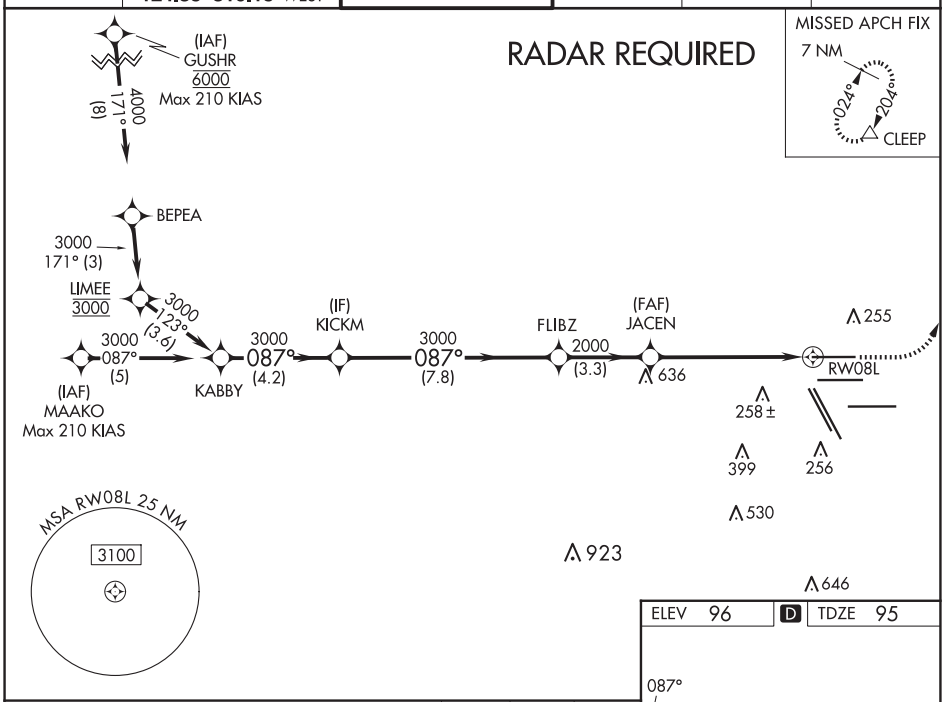
WAAS CH 77826 W08A	APP CRS 087°	Rwy ldg 9000 TDZE 95 Apt Elev 96

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C (27°F) or above 54°C (130°F). For inop ALSF, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 1¼, and LNAV Cat C/D/E visibility to 1⅜. Simultaneous approach authorized with Rwy 8R and Rwy 9. DME/DME RNP-0.3 NA. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations.

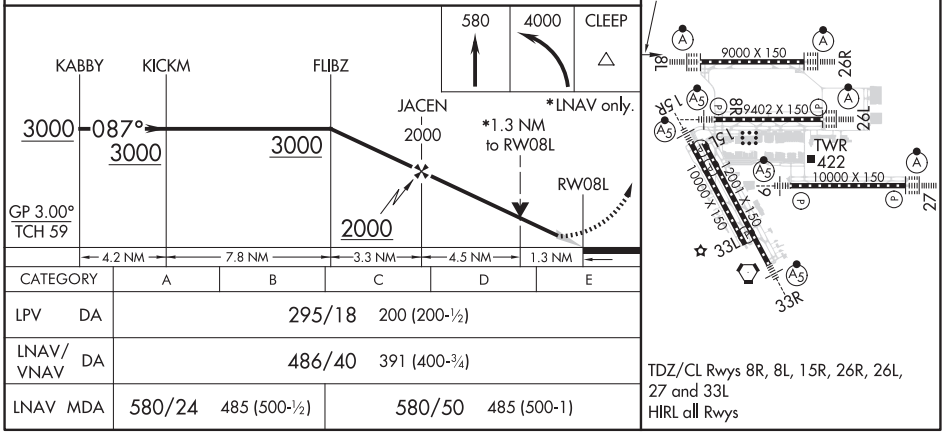
ALSF-2

MISSED APPROACH: Climb to 580 then climbing left turn to 4000 direct CLEEP and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.72 290.2	121.7	128.1	



ELEV 96	D	TDZE 95



CATEGORY	A	B	C	D	E
LPV DA	295/18 200 (200-½)				
LNAV/VNAV DA	486/40 391 (400-¾)				
LNAV MDA	580/24 485 (500-½)		580/50 485 (500-1)		

TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 53626 W08B	APP CRS 087°	Rwy ldg 9402 TDZE 96 Apt Elev 96

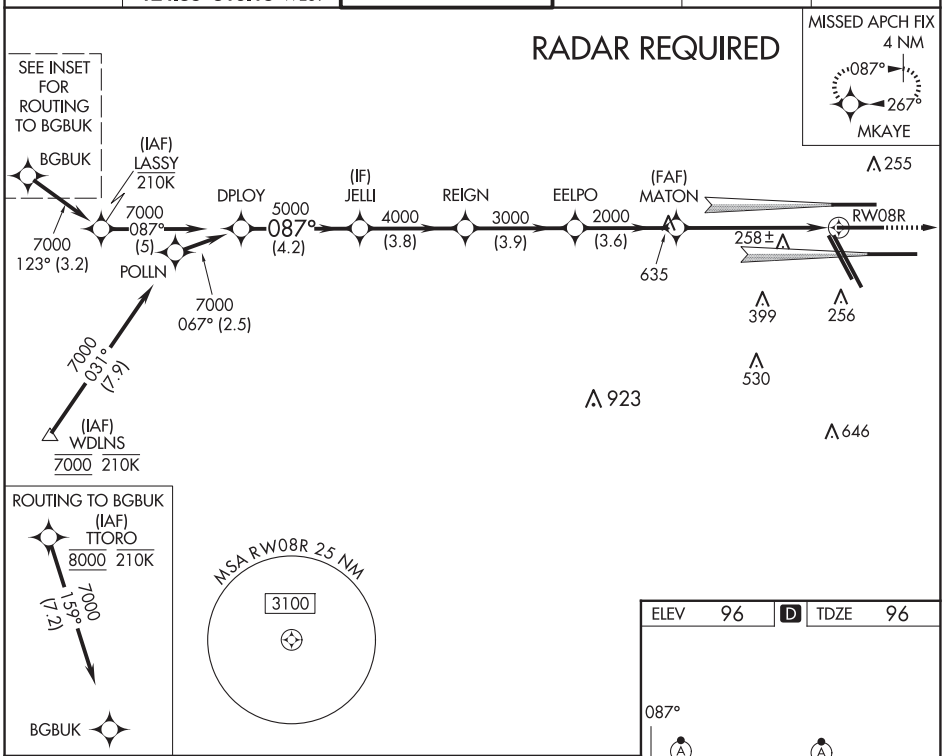
RNAV (GPS) Z RWY 8R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

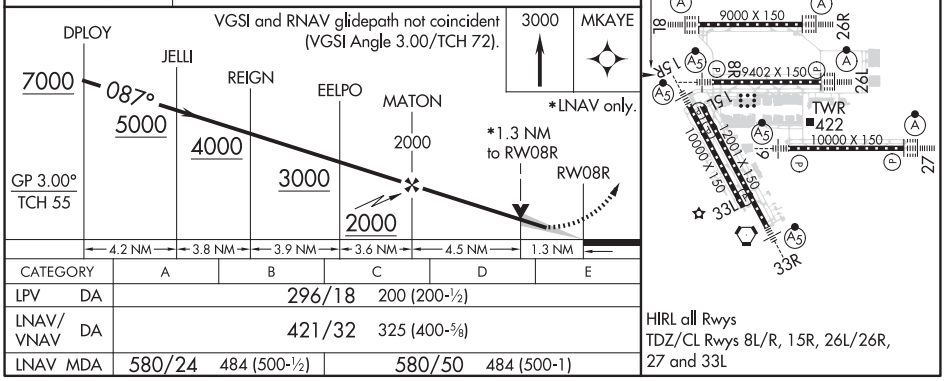
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C (27°F) or above 54°C (130°F). For inop MALSR, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to RVR 6000, and LNAV Cat C/D/E visibility to 1⅜. Simultaneous approach authorized with Rwy 8L and Rwy 9. DME/DME RNP-0.3 NA. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations.

MALSR

MISSED APPROACH: Climb to 3000 direct MKAYE and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	





CATEGORY	A	B	C	D	E
LPV DA	296/18 200 (200-½)				
LNAV/VNAV DA	421/32 325 (400-⅝)				
LNAV MDA	580/24 484 (500-½)		580/50 484 (500-1)		

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SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS | AL-5461 (FAA) | 24305

RNAV (GPS) Z RWY 9

GEORGE BUSH INTCNTL/HOUSTON (IAH)

WAAS CH 72926 W09A	APP CRS 087°	Rwy ldg 10000 TDZE 91 Apt Elev 96

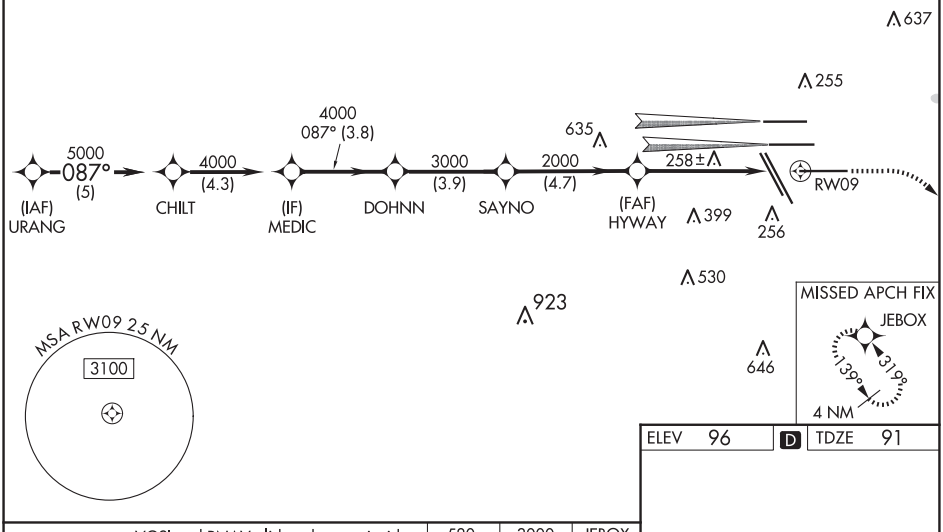
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C (27°F) or above 54°C (130°F). For inop MALSR, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 1½ mile, and LNAV Cat C/D/E visibility to 1⅜ mile. Simultaneous approach authorized with Rwys 8L/R. DME/DME RNP-0.3 NA. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.
** RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

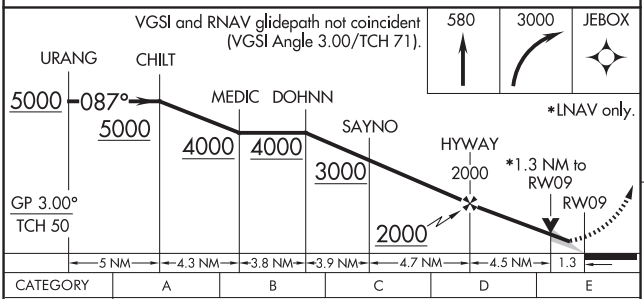
MISSED APPROACH: Climb to 580 then climbing right turn to 3000 direct JEBOX and hold.

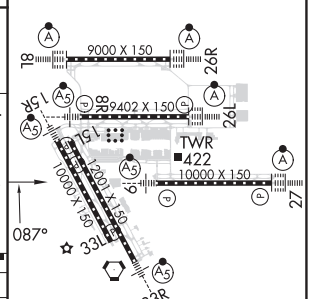
D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	

RADAR REQUIRED



ELEV 96 | D | TDZE 91





TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

CATEGORY	A	B	C	D	E
LPV DA**	291/24 200 (200-½)				
LNAV/VNAV DA	525/50 434 (500-1)				
LNAV MDA	580/24 489 (500-½)		580/50 489 (500-1)		

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 49226 W26D	APP CRS 267°	Rwy ldg 9402 TDZE 95 Apt Elev 96

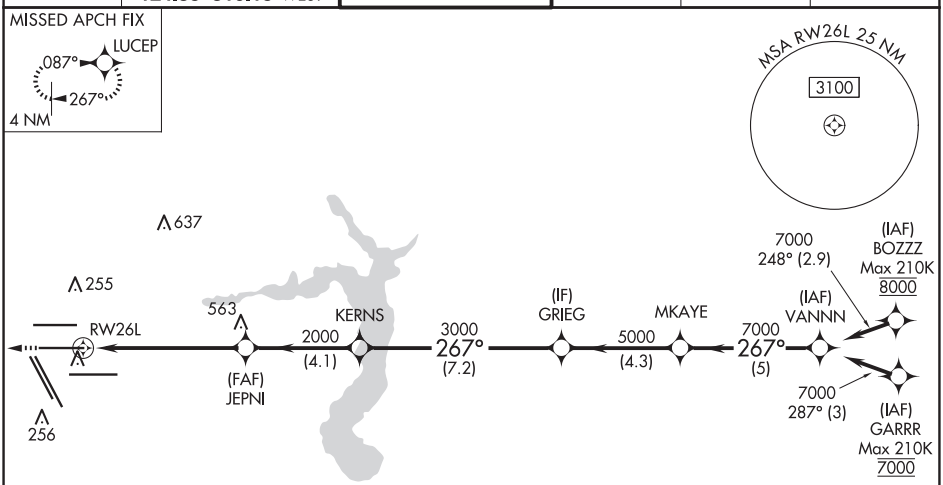
RNAV (GPS) Z RWY 26L
GEORGE BUSH INTCNTL/HOUSTON (IAH)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C (27°F) or above 54°C (130°F). For inop ALSF, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 1⅝, and LNAV Cat E visibility to 1¾. DME/DME RNP-0.3 NA. Simultaneous approach authorized with Rwy 26R and Rwy 27. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

ALSF-2

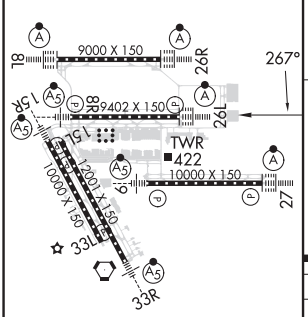
MISSED APPROACH: Climb to 3000 direct LUCEP and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	125.35 290.2	118.575	128.1	



RADAR REQUIRED

ELEV 96 D TDZE 95

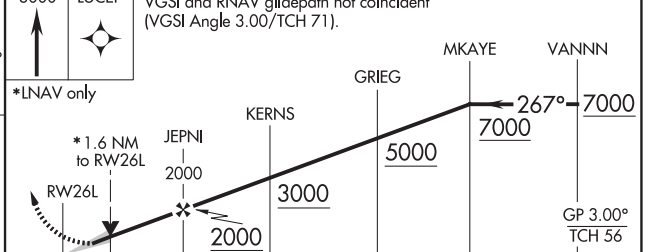


TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

3000 LUCEP

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).

*LNAV only



CATEGORY	A	B	C	D	E
LPV DA	295/18 200 (200-½)				
LNAV/VNAV DA	586/60 491 (500-1¼)				
LNAV MDA	680/24 585 (600-½)		680-1¼ 585 (600-1¼)		

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SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS AL-5461 (FAA) 24305

WAAS CH 97726 W26A	APP CRS 267°	Rwy ldg 9000 TDZE 96 Apt Elev 96

RNAV (GPS) Z RWY 26R
GEORGE BUSH INTCNTL/HOUSTON (IAH)

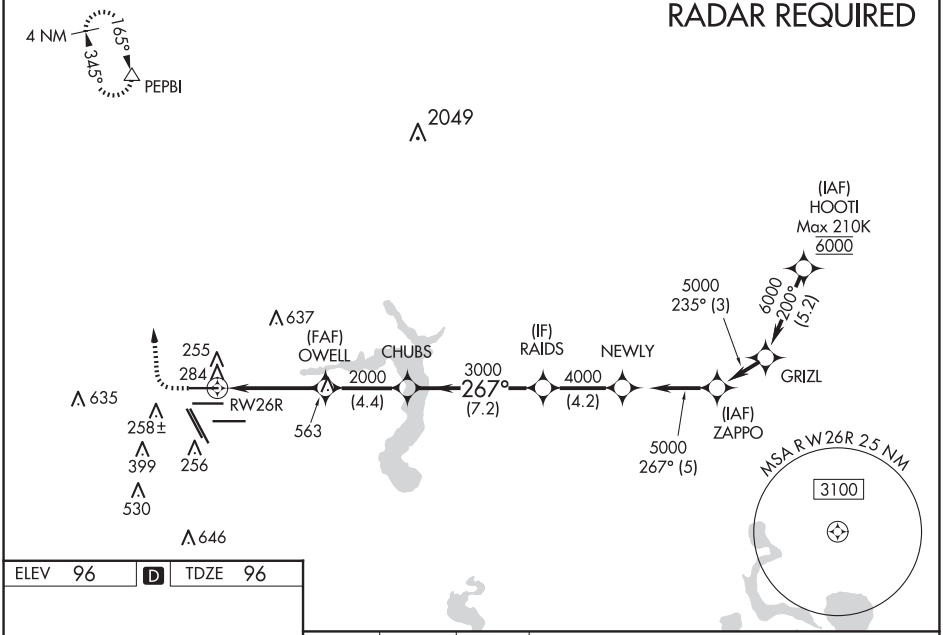
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -3°C (27°F) or above 54°C (130°F). For inop ALSF, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to 1¼, and LNAV Cat C/D/E visibility to 1⅜. DME/DME RNP-0.3 NA. Simultaneous approach authorized with Rwy 26L and Rwy 27. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

ALSF-2

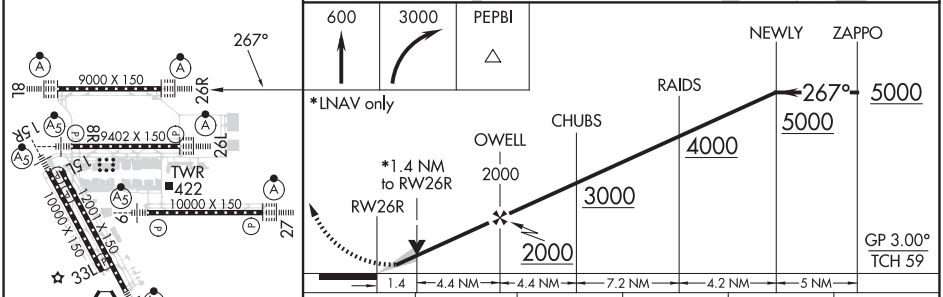
MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct PEPBI and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.72 290.2	121.7	128.1	

RADAR REQUIRED



ELEV 96	D	TDZE 96



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

CATEGORY	A	B	C	D	E
LPV DA	296/18 200 (200-½)				
LNAV/VNAV DA	496/42 400 (400-⅞)				
LNAV MDA	600/24 504 (600-½)		600/55 504 (600-1)		

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 69626 W27A	APP CRS 267°	Rwy ldg 10000 TDZE 86 Apt Elev 96

RNAV (GPS) Z RWY 27
GEORGE BUSH INTCNTL/HOUSTON (IAH)

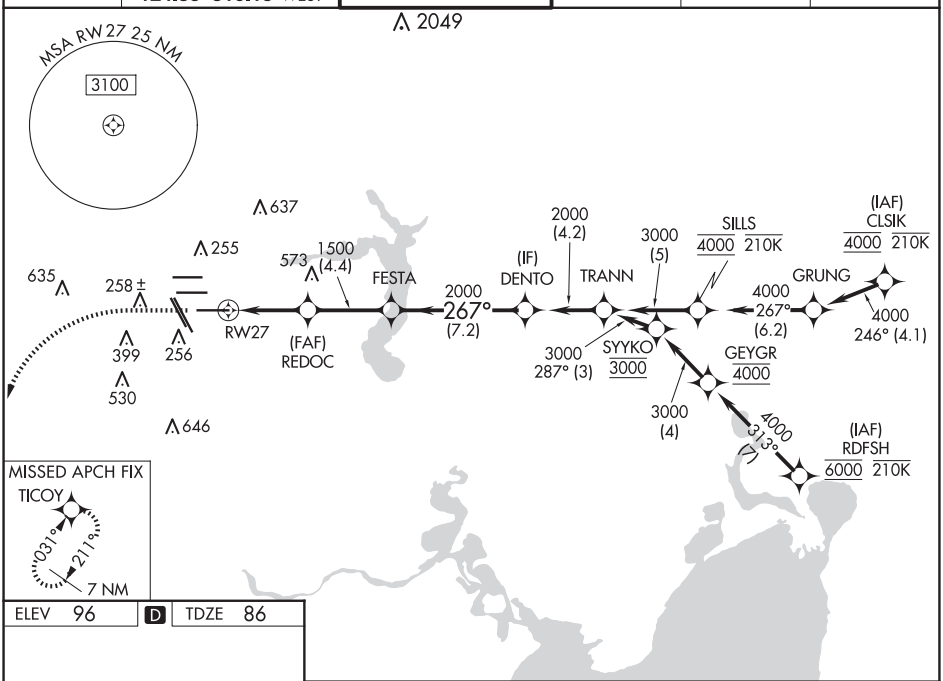
RNP APCH.

Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP required during simultaneous operations.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -2°C or above 54°C. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to RVR 6000, and LNAV Cats C, D and E visibility to 1⅜ SM.

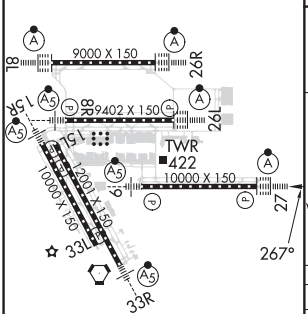
ALSF-2

MISSED APPROACH: Climb to 560 then climbing left turn to 3100 direct TICOY and hold.

D-ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL	CPDLC
124.05	120.05 379.1 EAST 124.35 316.15 WEST	135.15 290.2	118.575	128.1	



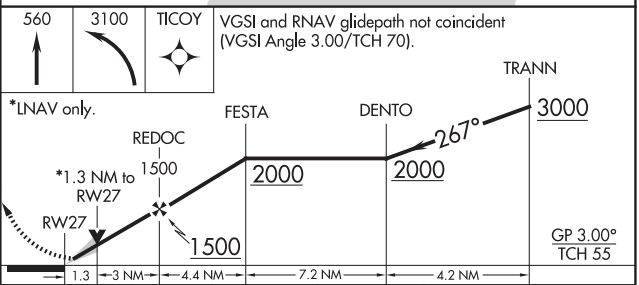
ELEV 96	D	TDZE 86



TDZ/CL Rwys 8R, 8L, 15R, 26R, 26L, 27 and 33L
HIRL all Rwys

560	3100	TICOY

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 70).



CATEGORY	A	B	C	D	E
LPV DA	286/18 200 (200-½)				
LNAV/VNAV DA	476/35 390 (400-⅝)				
LNAV MDA	560/24 474 (500-½)		560/50 474 (500-1)		

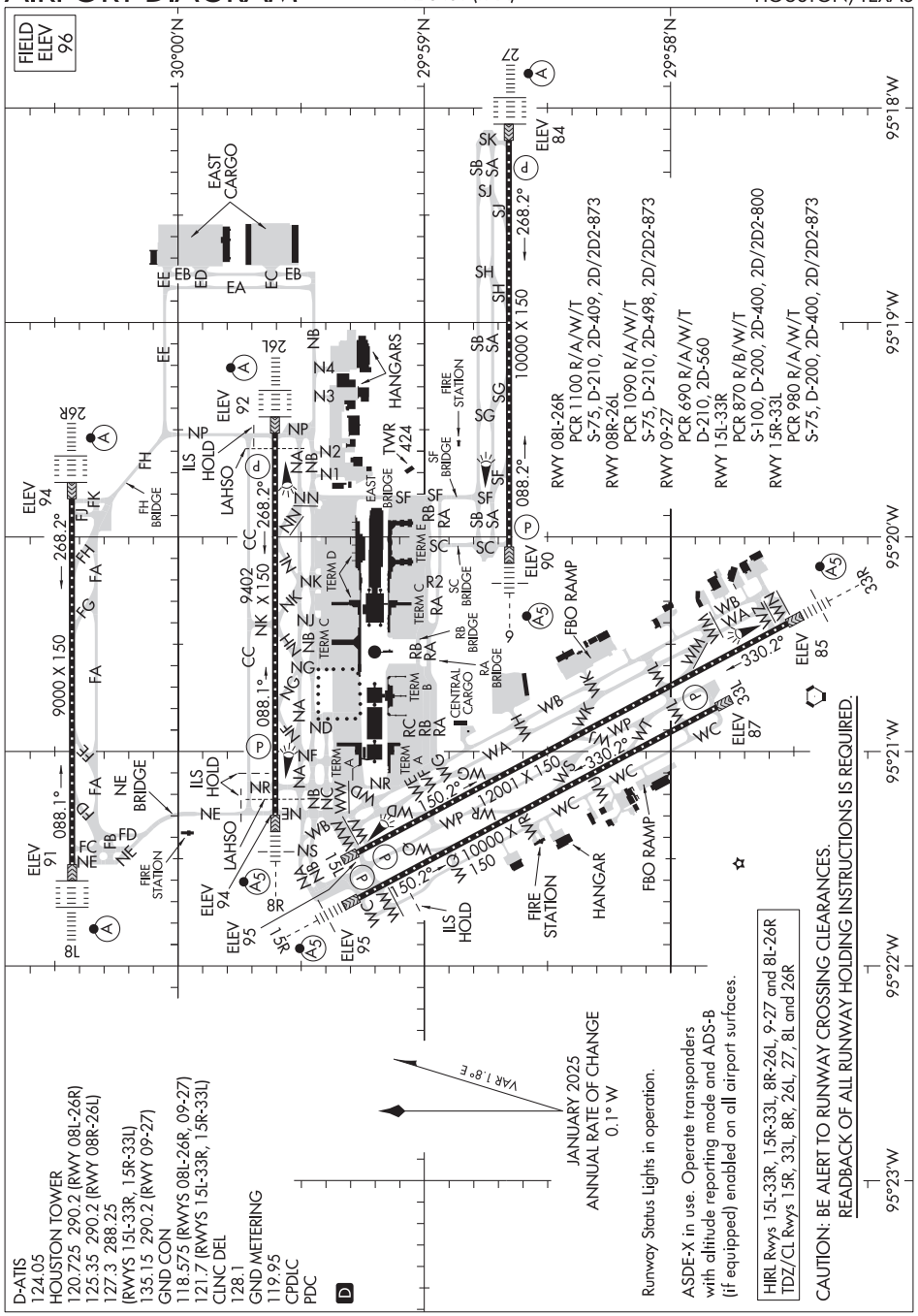
SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

GEORGE BUSH INTCNTL/HOUSTON (IAH)
HOUSTON, TEXAS

AL-5461 (FAA)

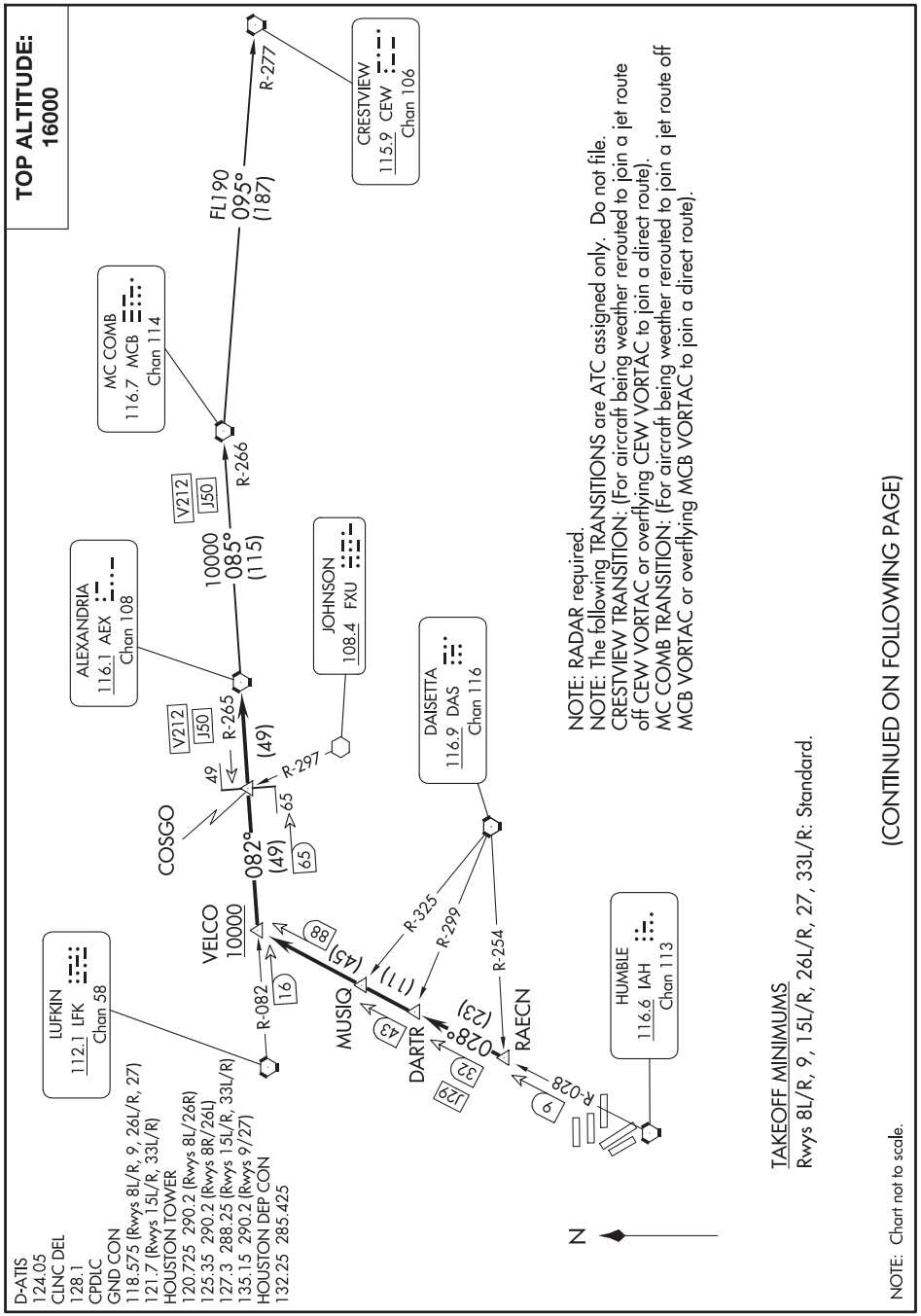


SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
HOUSTON, TEXAS
GEORGE BUSH INTCNTL/HOUSTON (IAH)

ALEXANDRIA THREE DEPARTURE



ALEXANDRIA THREE DEPARTURE
HOUSTON, TEXAS
GEORGE BUSH INTCNTL/HOUSTON (IAH)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to RAECN INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

BLTWY SEVEN DEPARTURE (RNAV) AL-5461 (FAA)

TOP ALTITUDE: 16000

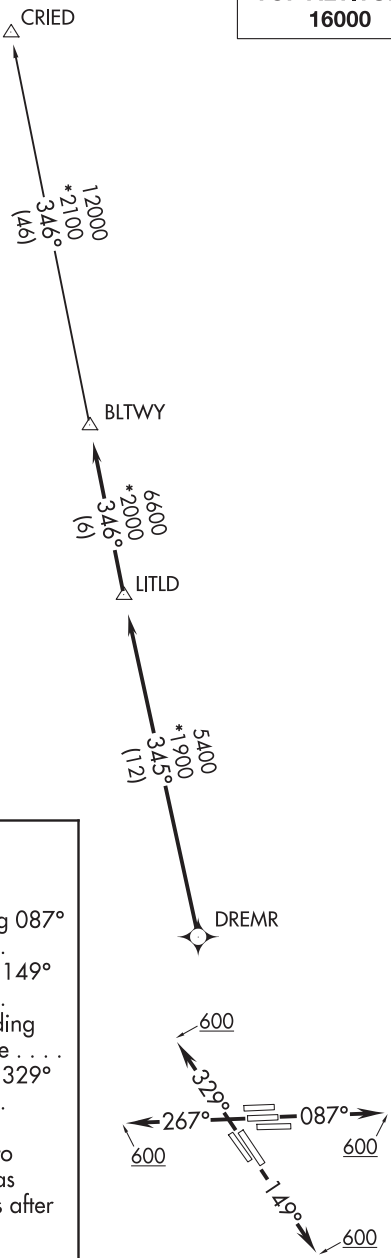
D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
132.25 285.425

NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R:
Standard with minimum climb of 500′ per NM to 600.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb on heading 087° to 600 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAYS 15L/R: Climb on heading 149° to 600 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb on heading 267° to 600 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAYS 33L/R: Climb on heading 329° to 600 for RADAR vectors to DREMR, thence . . . .

. . . . on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

SC-5, 12 JUN 2025 to 07 AUG 2025

(BNDTO6.BNDTO) 25051

GEORGE BUSH INTCNTL/HOUSTON (IAH)

BNDTO SIX DEPARTURE (RNAV)

AL-5461 (FAA)

HOUSTON, TEXAS

TOP ALTITUDE: 16000

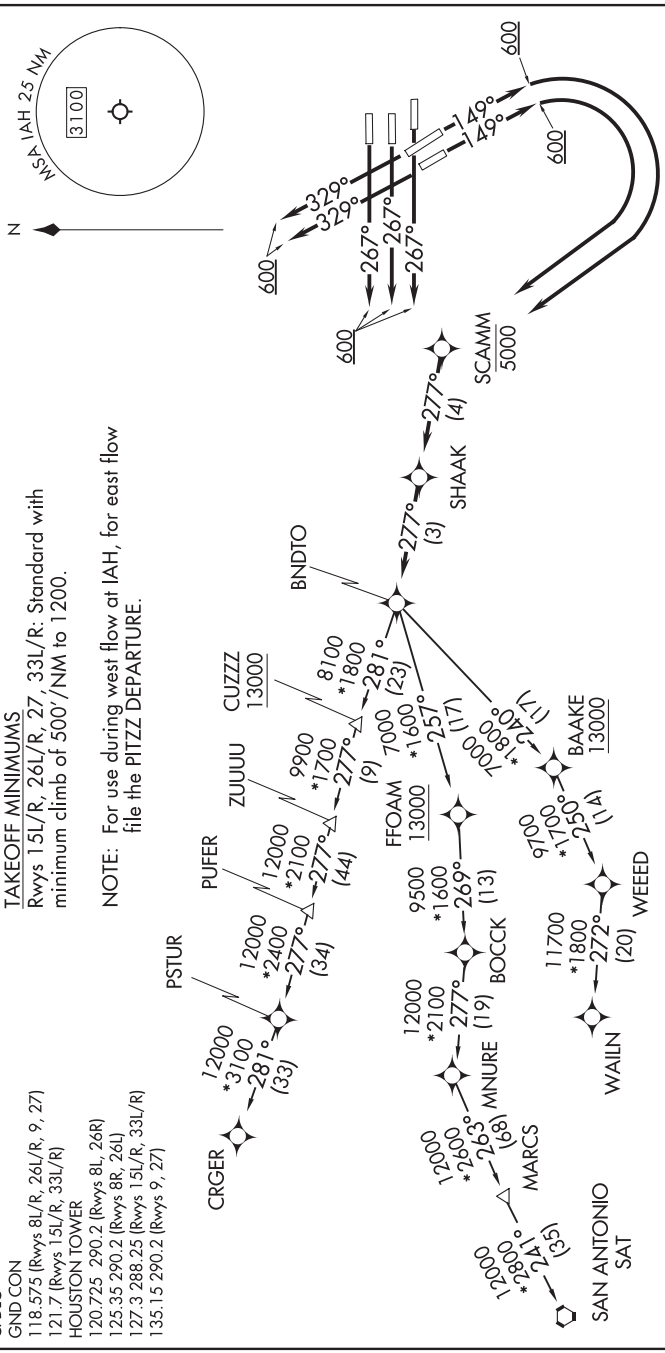
RNAV 1 - DME/DME/IRU or GPS required.

RADAR required.
RADAR required for non - GPS equipped aircraft.

TAKEOFF MINIMUMS
Rwys 15L/R, 26L/R, 27, 33L/R: Standard with minimum climb of 500'/NM to 1200.

NOTE: For use during west flow at IAH, for east flow file the PITZZ DEPARTURE.

HOUSTON DEP CON
126.675 339.8
D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9, 27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L, 26R)
125.35 290.2 (Rwys 8R, 26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9, 27)



NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

BNDTO SIX DEPARTURE (RNAV)

HOUSTON, TEXAS

(BNDTO6.BNDTO) 11JUL24

GEORGE BUSH INTCNTL/HOUSTON (IAH)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 15L/R: Climb heading 149° to 600, then right turn direct to cross SCAMM at or below 5000, then on track 277° to SHAAK, thence . . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb heading 267° to 600, expect RADAR vectors to SHAAK, thence . . . .
TAKEOFF RUNWAYS 33L/R: Climb heading 329° to 600, expect RADAR vectors to SHAAK, thence . . . .

. . . . on track 277° to BNDTO, then on (transition). Maintain 16000.
Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BNDTO6.CRGER)
MNURE TRANSITION (BNDTO6.MNURE)
SAN ANTONIO TRANSITION (BNDTO6.SAT)
WAILN TRANSITION (BNDTO6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(CRIED1.CRIED) 24193

GEORGE BUSH INTCNTL/HOUSTON (IAH)

CRIED ONE DEPARTURE

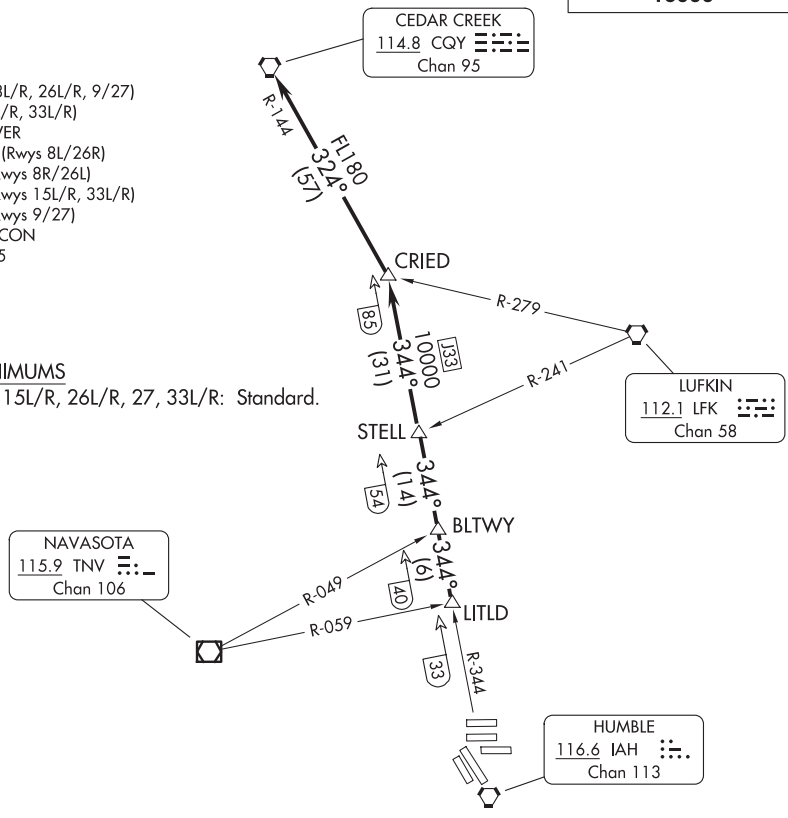
AL-5461 (FAA)

HOUSTON, TEXAS

TOP ALTITUDE: 16000

D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
132.25 285.425

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R: Standard.



NOTE: RADAR required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to LITLD INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

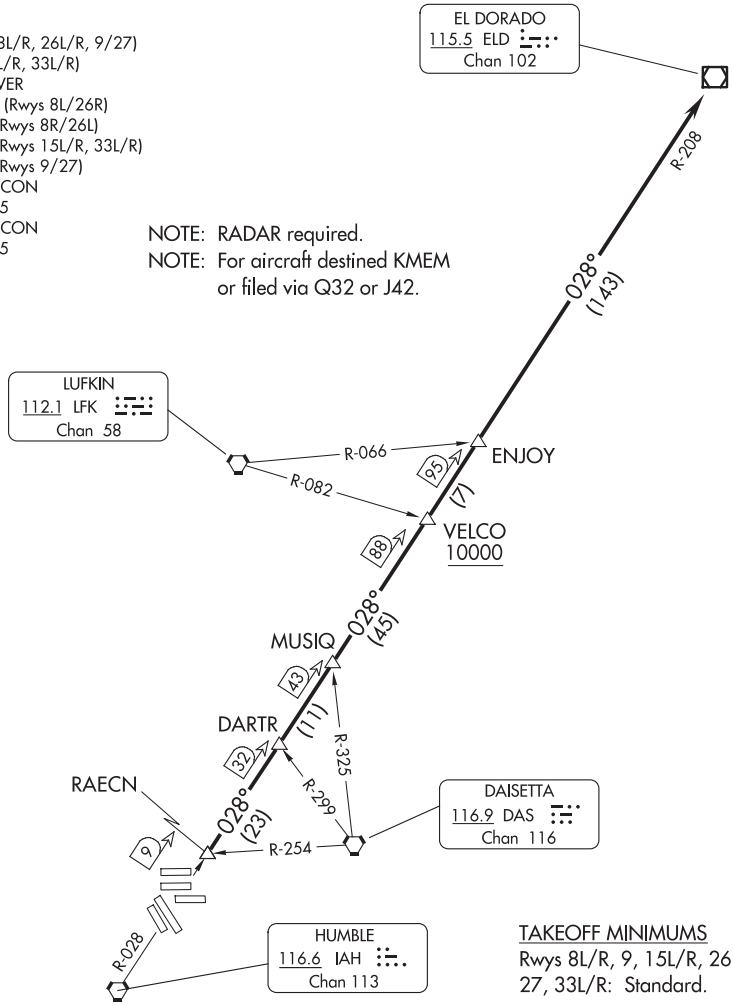
EL DORADO ONE DEPARTURE

AL-5461 (FAA)

TOP ALTITUDE: 16000

D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
132.25 285.425
HOUSTON DEP CON
132.25 285.425

NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.



TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to RAECN INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(FLYZA5.FLYZA) 21112

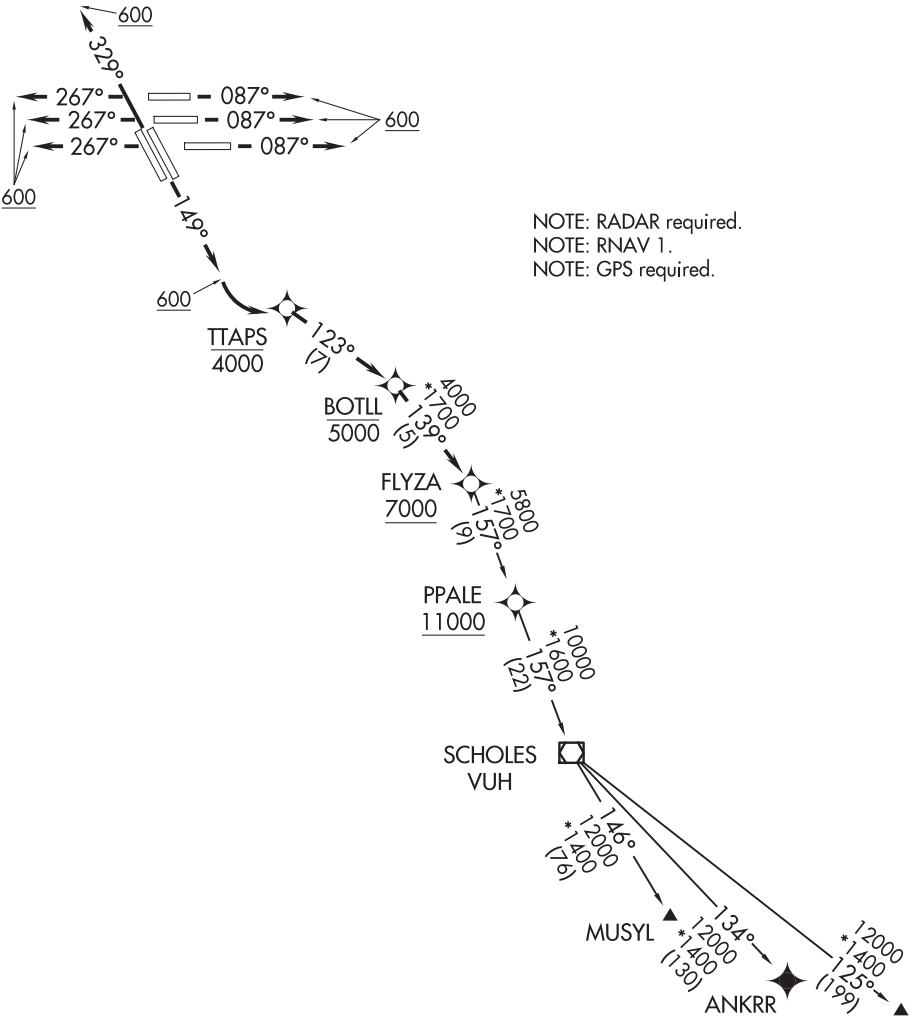
FLYZA FIVE DEPARTURE (RNAV)

GEORGE BUSH INTCNTL/HOUSTON (IAH)
AL-5461 (FAA)
HOUSTON, TEXAS

D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9, 27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L, 26R)
125.35 290.2 (Rwys 8R, 26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9, 27)
HOUSTON DEP CON
127.125 269.075

TOP ALTITUDE: 16000

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R:
Standard with minimum climb of 500′ per NM to 800.



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: GPS required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPATURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb heading 087° to 600, expect RADAR vectors to cross BOTLL at or below 5000, thence . . . .
TAKEOFF RUNWAYS 15L/R: Climb heading 149° to 600, then left turn direct to cross TTAPS at or below 4000, then on track 123° to cross BOTLL at or below 5000, thence . . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb heading 267° to 600, expect RADAR vectors to cross BOTLL at or below 5000, thence . . . .
TAKEOFF RUNWAYS 33L/R: Climb heading 329° to 600, expect RADAR vectors to cross BOTLL at or below 5000, thence . . . .

. . . . on track 139° to cross FLYZA at or above 7000, then on (transition). Maintain 16000. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (FLYZA5.ANKRR)
KELPP TRANSITION (FLYZA5.KELPP)
MUSYL TRANSITION (FLYZA5.MUSYL)

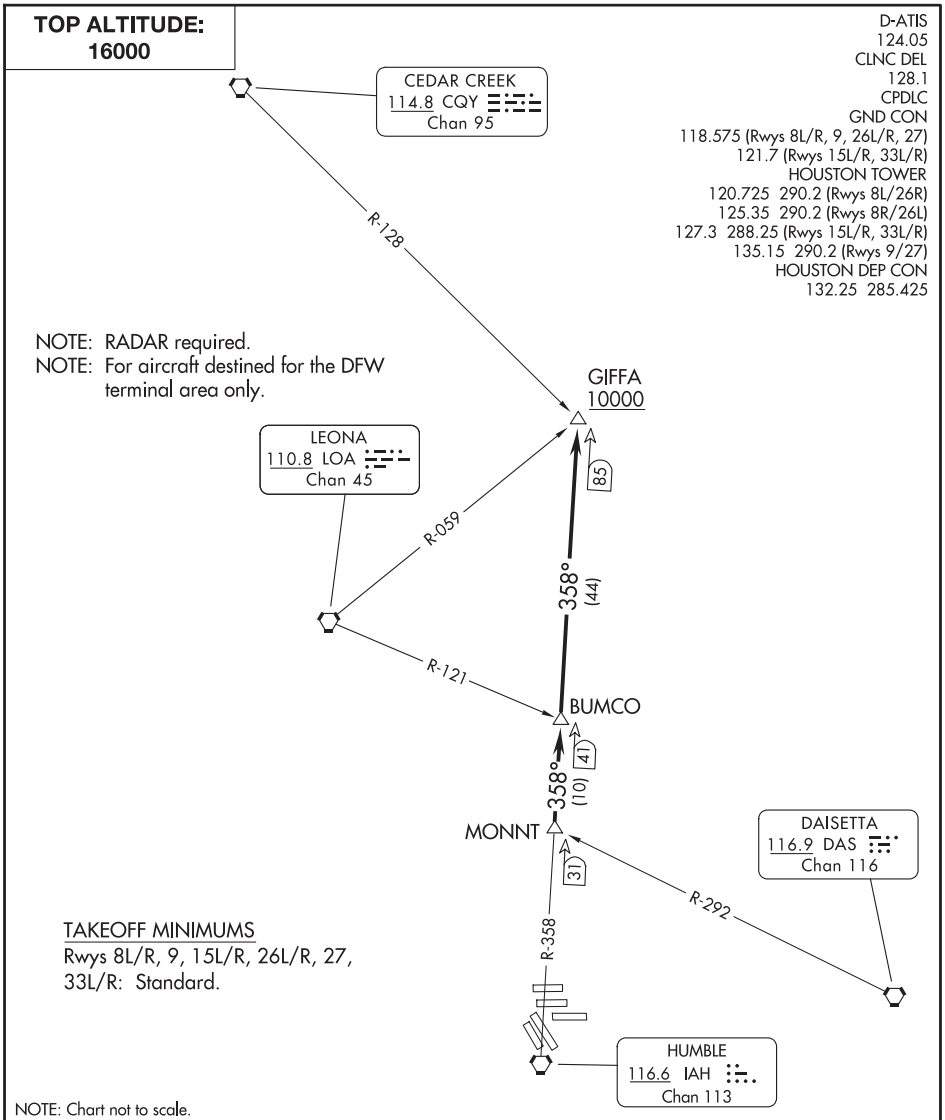
SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(GIFFA1.GIFFA) 24193

GIFFA ONE DEPARTURE

AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)
HOUSTON, TEXAS



DEPARTURE ROUTE DESCRIPTION

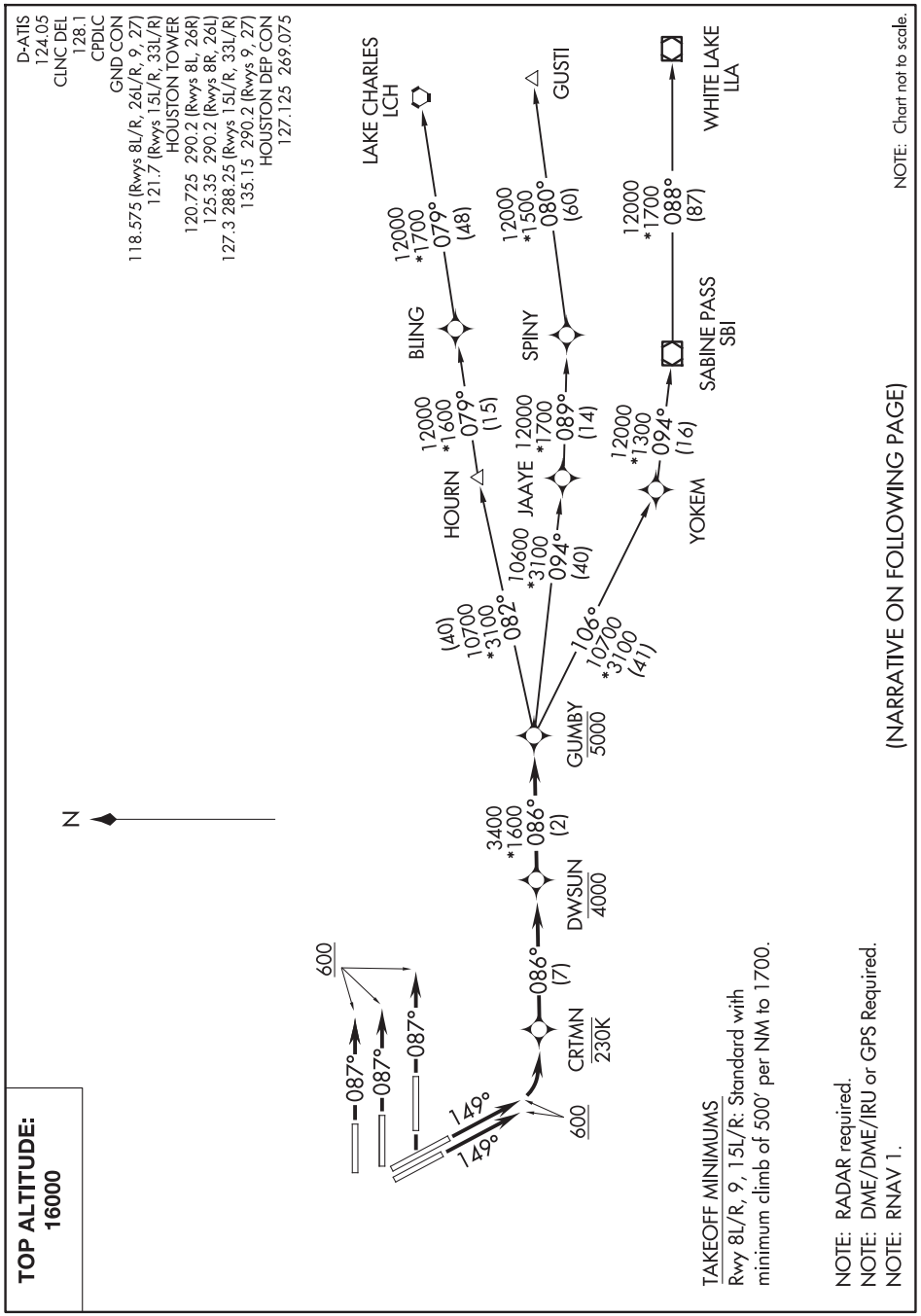
TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to MONNT INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

GUMBY THREE DEPARTURE (RNAV)

AL-5461(FAA)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

GUMBY THREE DEPARTURE (RNAV)
HOUSTON, TEXAS
(GUMBY3.GUMBY) 10DEC15
GEORGE BUSH INTCNTL/HOUSTON (IAH)

DEPARTURE ROUTE DESCRIPTION

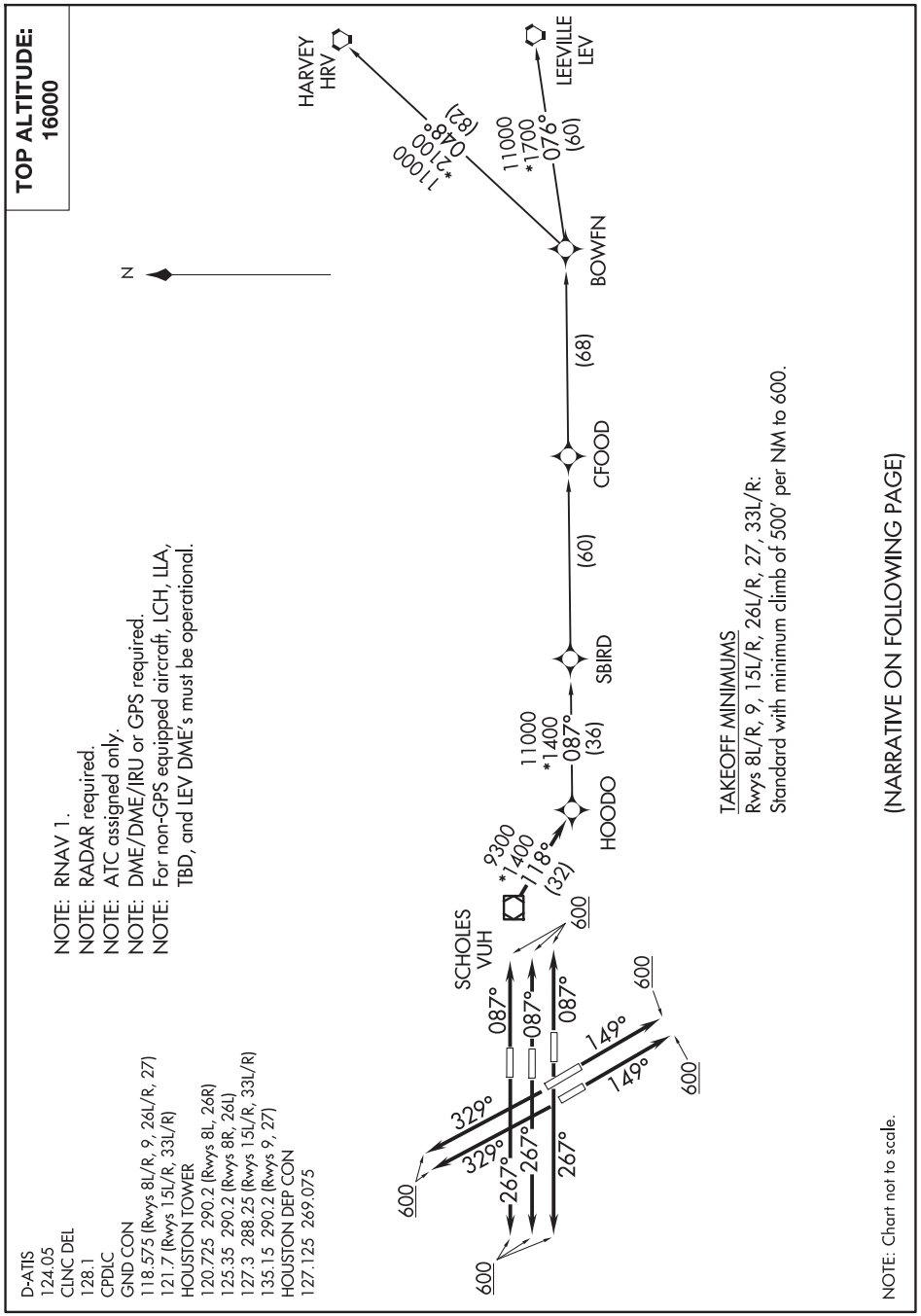
TAKEOFF RUNWAYS 8L/R, 9: Climb heading 087° to 600, expect RADAR vectors to cross DWSUN at or below 4000, thence. . . .
TAKEOFF RUNWAYS 15L/R: Climb heading 149° to 600, then left turn direct CRTMN, then on track 086° to cross DWSUN at or below 4000, thence. . . .

. . . .on track 086° to cross GUMBY at or below 5000, then on (transition). Maintain 16000. Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (GUMBY3.GUSTI)
LAKE CHARLES TRANSITION (GUMBY3.LCH)
WHITE LAKE TRANSITION (GUMBY3.LLA)

SC-5, 12 JUN 2025 to 07 AUG 2025

HOODO SEVEN DEPARTURE (RNAV) AL-5461 (FAA)



SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb on heading 087° to 600, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAYS 15L/R: Climb on heading 149° to 600, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb on heading 267° to 600, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAYS 33L/R: Climb on heading 329° to 600, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain 16000.
Expect filed altitude 10 minutes after departure.

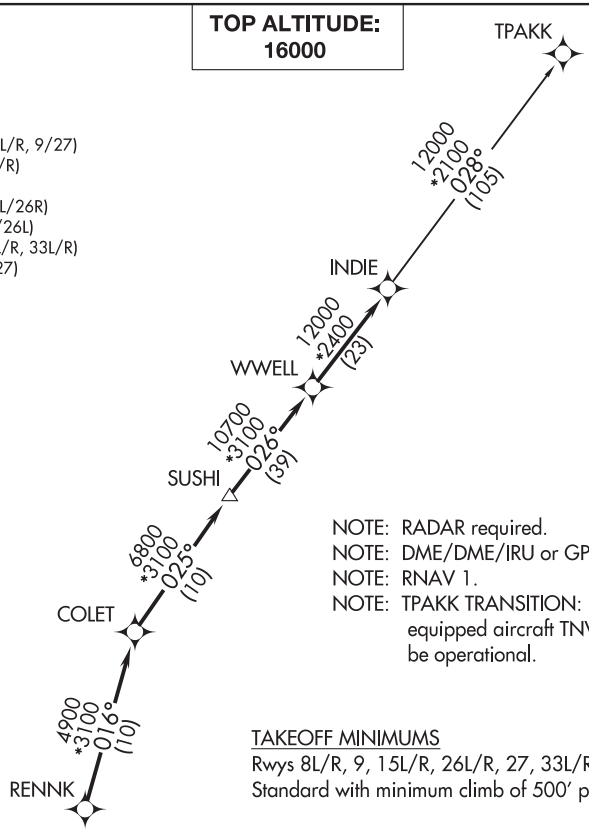
BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

SC-5, 12 JUN 2025 to 07 AUG 2025

INDIE EIGHT DEPARTURE (RNAV)

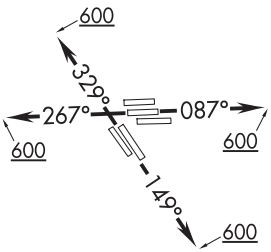
D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000



NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R:
Standard with minimum climb of 500′ per NM to 600.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb on heading 087° to 600 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAYS 15L/R: Climb on heading 149° to 600 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb on heading 267° to 600 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAYS 33L/R: Climb on heading 329° to 600 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

(JCT1.JCT) 24137

GEORGE BUSH INTCNTL/HOUSTON (IAH)

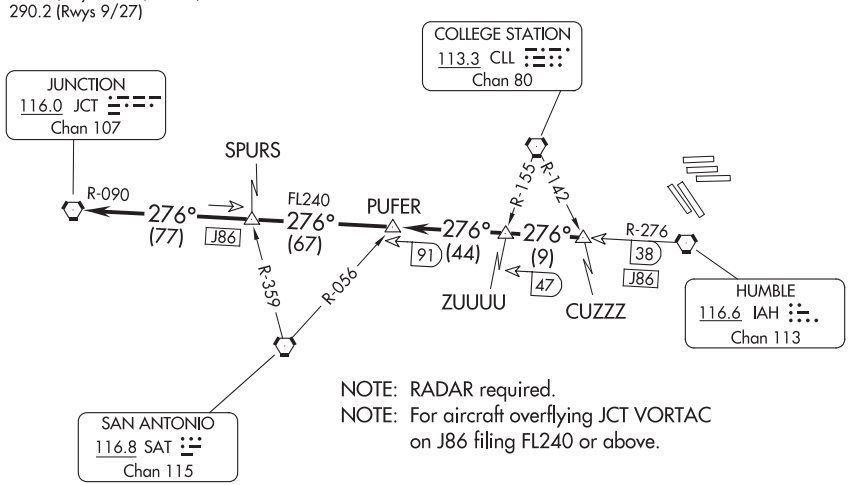
JUNCTION ONE DEPARTURE

AL-5461 (FAA)

HOUSTON, TEXAS

TOP ALTITUDE: 16000

D-ATIS 124.05
CLNC DEL 128.1
CPDLC
HOUSTON DEP CON
126.675 339.8
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)



NOTE: RADAR required.
NOTE: For aircraft overflying JCT VORTAC on J86 filing FL240 or above.

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R: Standard.

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to CUZZZ INT. Maintain 16000. Expect filed altitude 10 minutes after departure. Thence . . . .

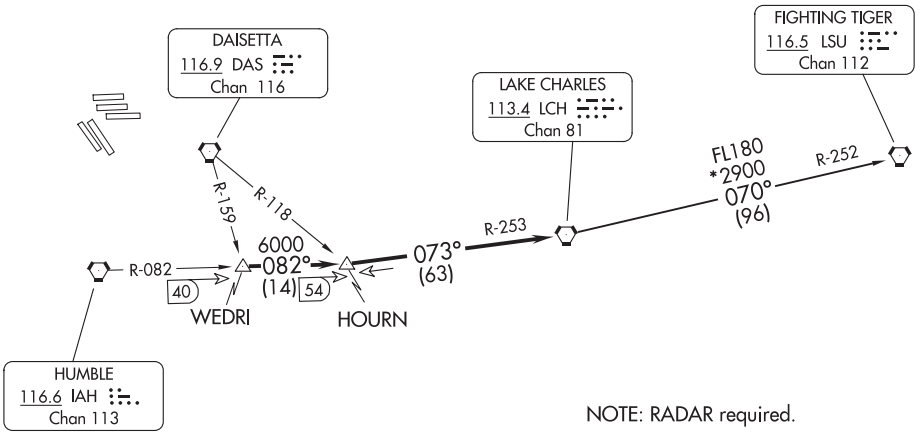
. . . . on IAH R-276 and JCT R-090 to JCT VORTAC.

LAKE CHARLES FIVE DEPARTURE

AL-5461 (FAA)

D-ATIS 124.05
CLNC DEL 128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/R, 26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
127.125 269.075

TOP ALTITUDE: 16000



NOTE: RADAR required.

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Climb on assigned heading for RADAR vectors to WEDRI INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-082 to HOURN INT, then on LCH R-253 to LCH VORTAC.

FIGHTING TIGERS TRANSITION (LCH5.LSU): From over LCH VORTAC on LCH R-070 and LSU R-252 to LSU VORTAC.

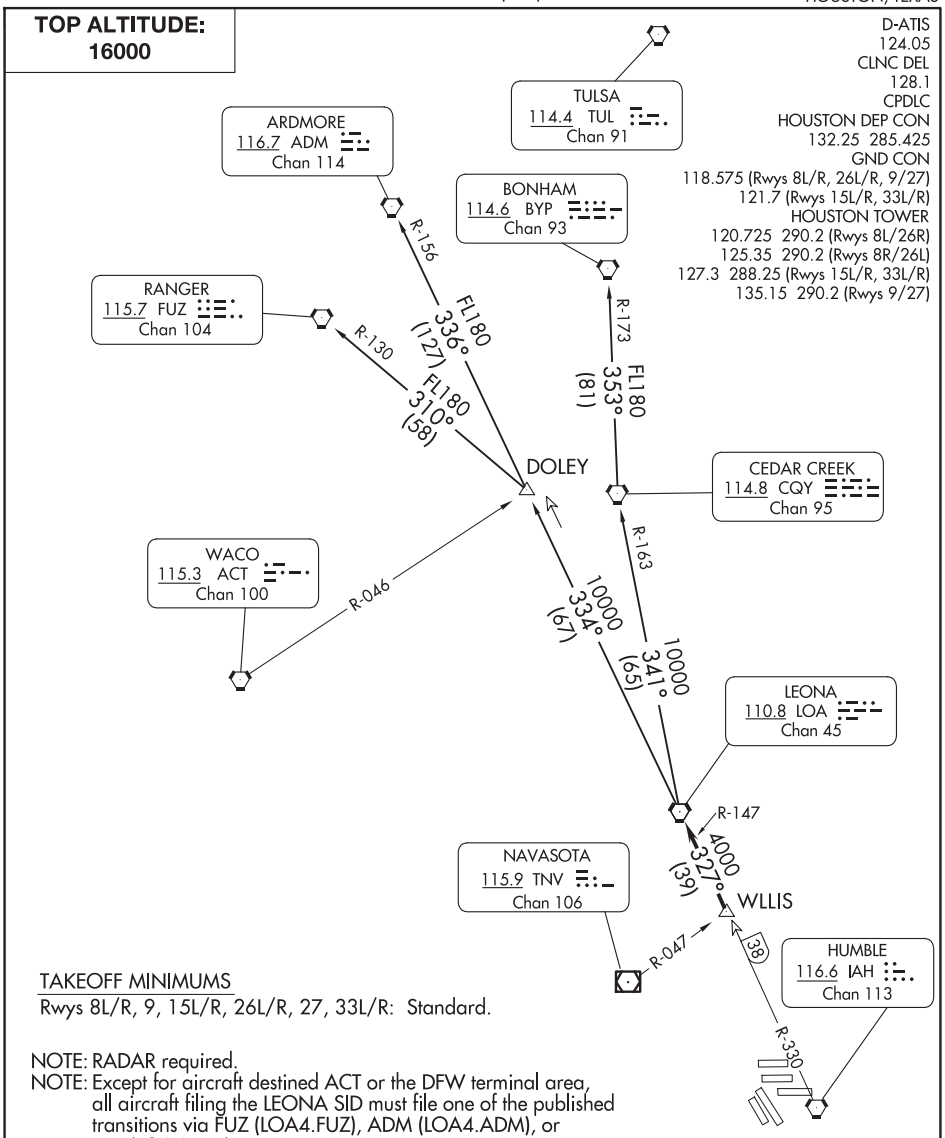
SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LOA4.LOA) 24137

LEONA FOUR DEPARTURE

AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)
HOUSTON, TEXAS



TAKEOFF MINIMUMS

Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R: Standard.

NOTE: RADAR required.

NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).

NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.

NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.

NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to WLLIS INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LFK3.LFK) 24137

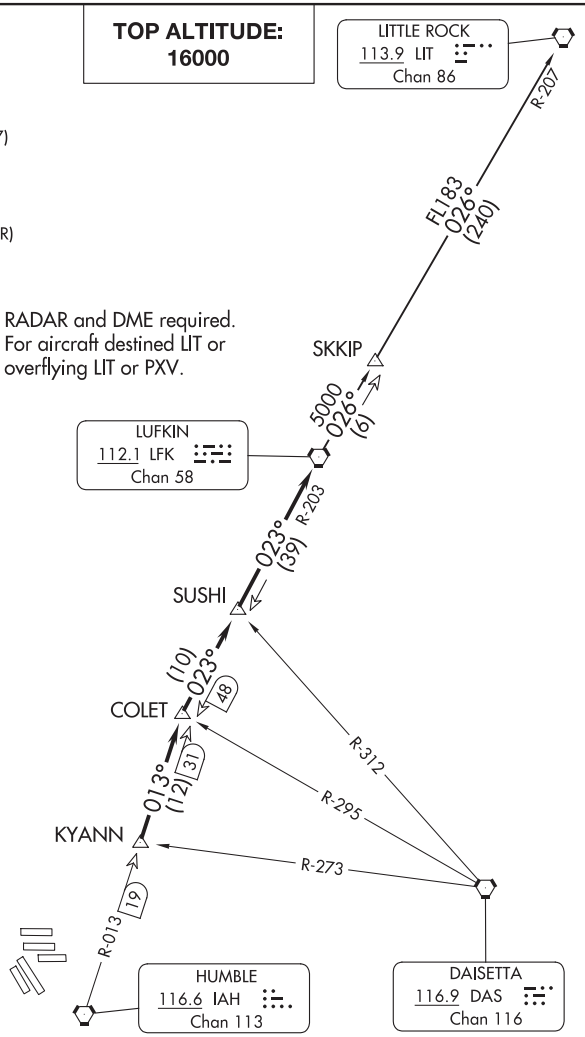
LUFKIN THREE DEPARTURE

AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)
HOUSTON, TEXAS

D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
132.25 285.425

NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.



TAKEOFF MINIMUMS:
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to KYANN INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

(LURIC8.LURIC) 21280

GEORGE BUSH INTCNTL/HOUSTON (IAH)

LURIC EIGHT DEPARTURE (RNAV)

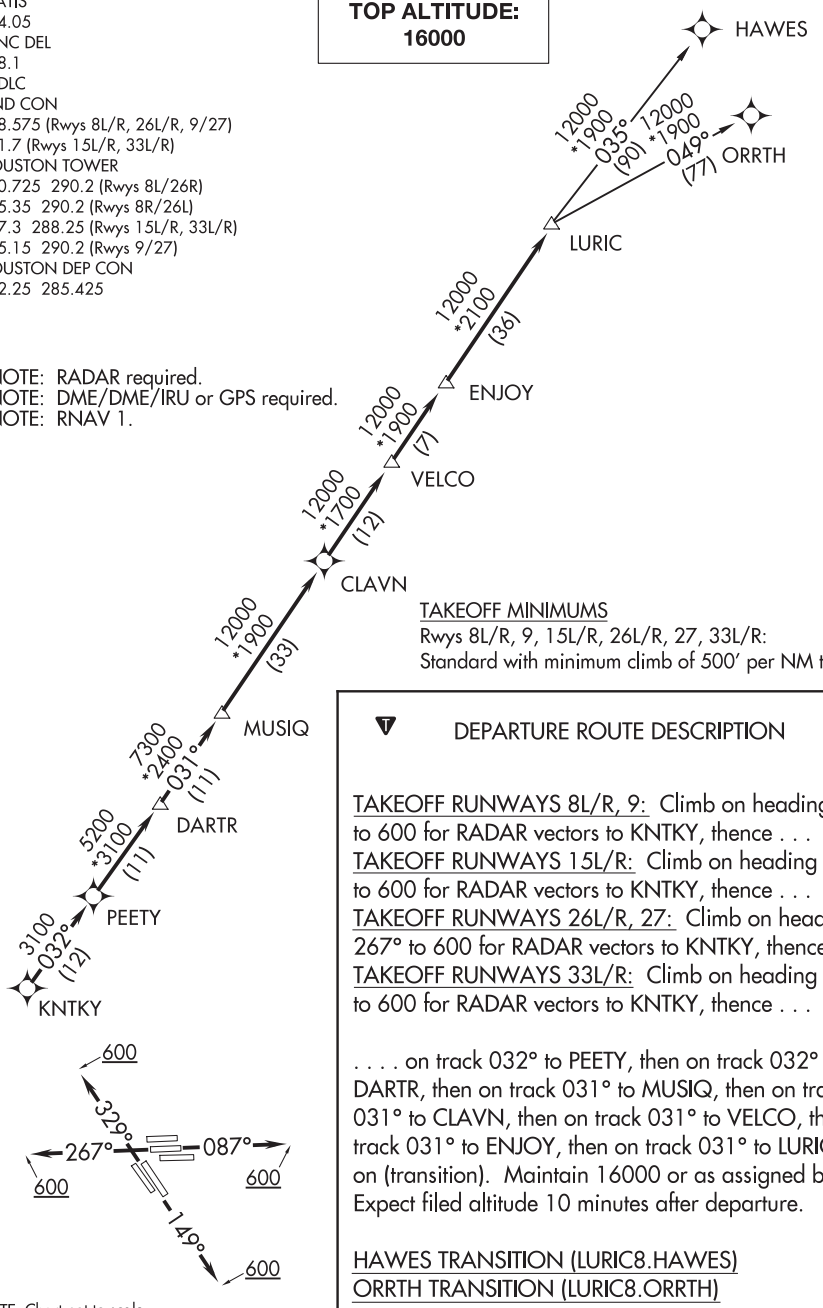
AL-5461 (FAA)

HOUSTON, TEXAS

D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000

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



TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R:
Standard with minimum climb of 500′ per NM to 600.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb on heading 087° to 600 for RADAR vectors to KNTKY, thence . . .
TAKEOFF RUNWAYS 15L/R: Climb on heading 149° to 600 for RADAR vectors to KNTKY, thence . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb on heading 267° to 600 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAYS 33L/R: Climb on heading 329° to 600 for RADAR vectors to KNTKY, thence . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

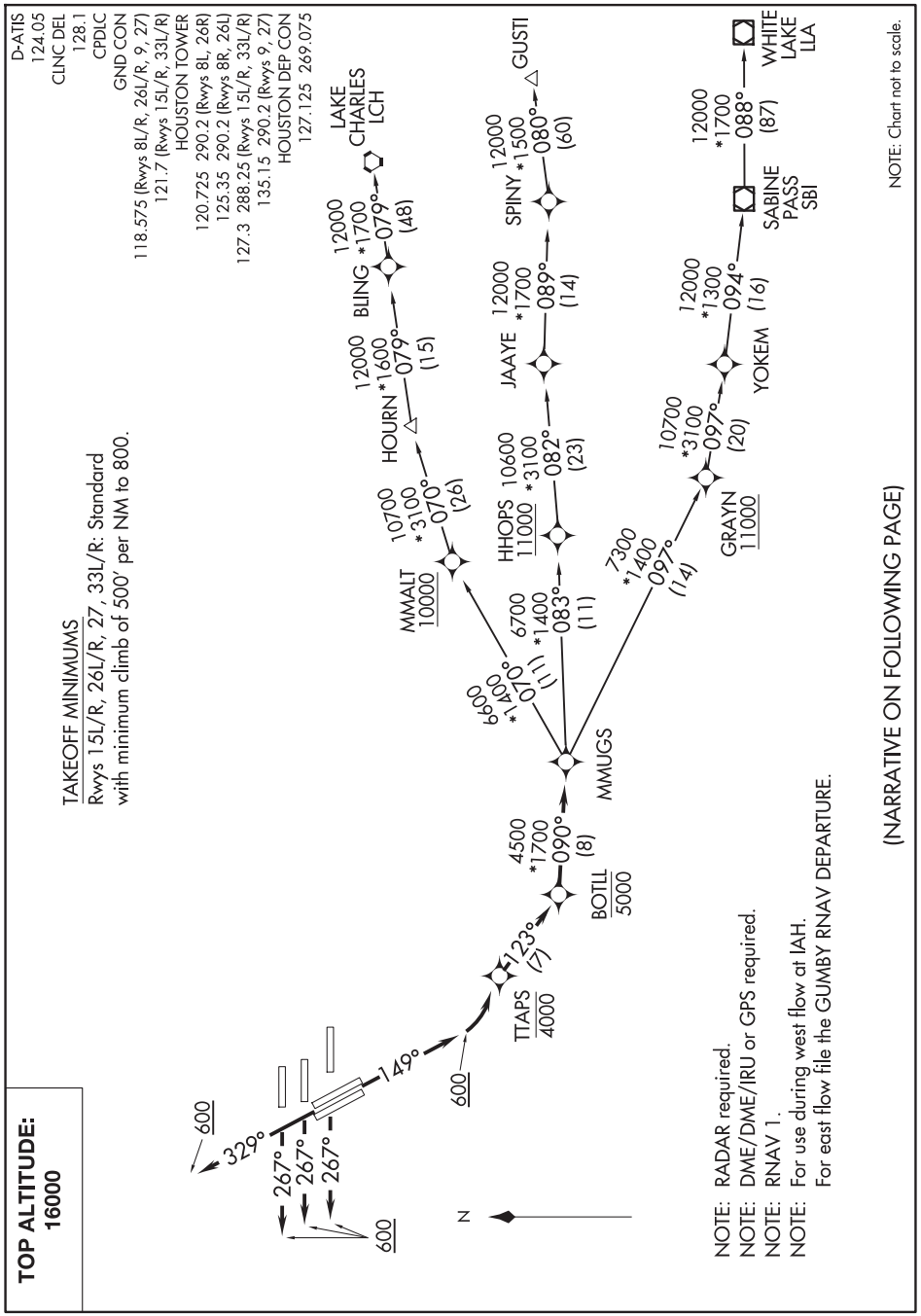
SC-5, 12 JUN 2025 to 07 AUG 2025

LURIC EIGHT DEPARTURE (RNAV)
HOUSTON, TEXAS
(LURIC8.LURIC) 07OCT21
GEORGE BUSH INTCNTL/HOUSTON (IAH)

MMUGS FOUR DEPARTURE (RNAV)

AL-5461 (FAA)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

MMUGS FOUR DEPARTURE (RNAV)
HOUSTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

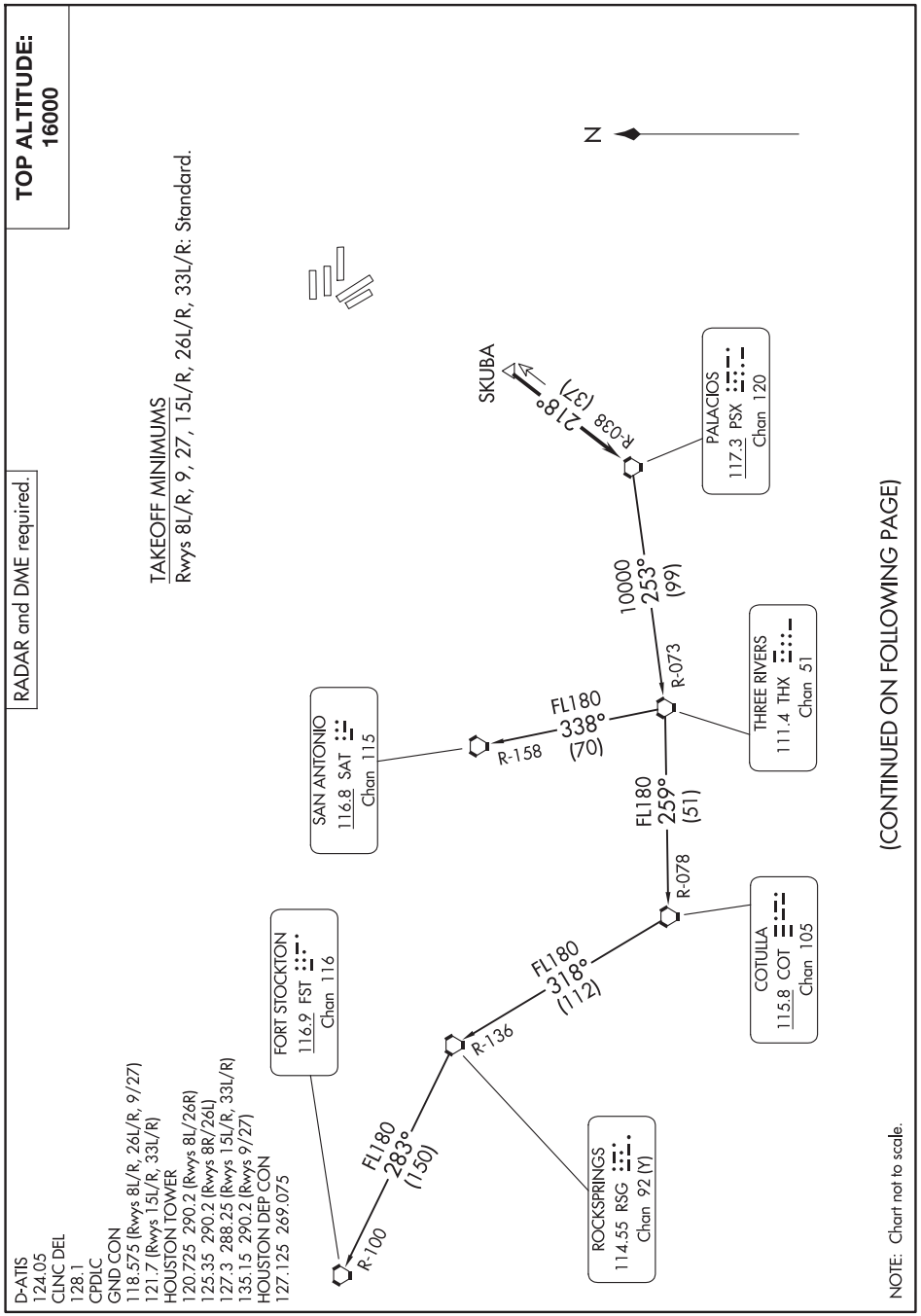
TAKEOFF RUNWAYS 15L/R: Climb heading 149° to 600, then left turn direct to cross TTAPS at or below 4000, then on track 123° to cross BOTLL at or below 5000, thence . . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb heading 267° to 600, expect RADAR vectors to cross BOTLL at or below 5000, thence . . . .
TAKEOFF RUNWAYS 33L/R: Climb heading 329° to 600, expect RADAR vectors to cross BOTLL at or below 5000, thence . . . .

. . . . on track 090° to MMUGS, then on (transition). Maintain 16000. Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMUGS4.GUSTI)
LAKE CHARLES TRANSITION (MMUGS4.LCH)
WHITE LAKE TRANSITION (MMUGS4.LLA)

SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS THREE DEPARTURE AL-5461 (FAA)



(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for RADAR vectors to SKUBA, maintain 16000.
Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

PITZZ FIVE DEPARTURE (RNAV)

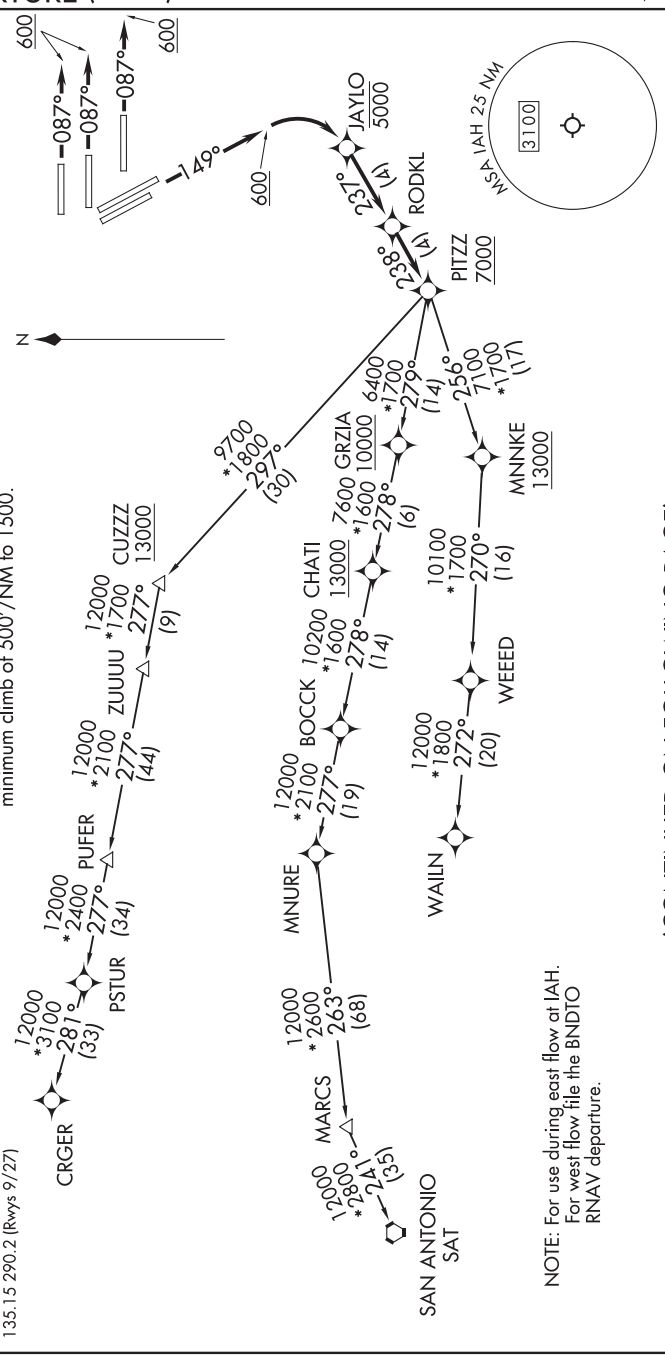
TOP ALTITUDE: 16000

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

RADAR required.
RADAR required for non - GPS equipped aircraft.

HOUSTON DEP CON 126.675 339.8
D-ATIS 124.05
CLNC DEL 128.1
CPDIC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R: Standard with minimum climb of 500'/NM to 1500.



NOTE: For use during east flow at IAH.
For west flow file the BNDTO RNAV departure.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb heading 087° to 600, expect RADAR vectors to RODKL, thence. . . .
TAKEOFF RUNWAYS 15L/R: Climb heading 149° to 600, then right turn direct to cross JAYLO at or below 5000, then on track 237° to RODKL, thence. . . .

. . . .on track 238° to cross PITZZ at or above 7000, then on (transition).
Maintain 16000. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (PITZZ5.CRGER)
MNURE TRANSITION (PITZZ5.MNURE)
SAN ANTONIO TRANSITION (PITZZ5.SAT)
WAILN TRANSITION (PITZZ5.WALIN)

SC-5, 12 JUN 2025 to 07 AUG 2025

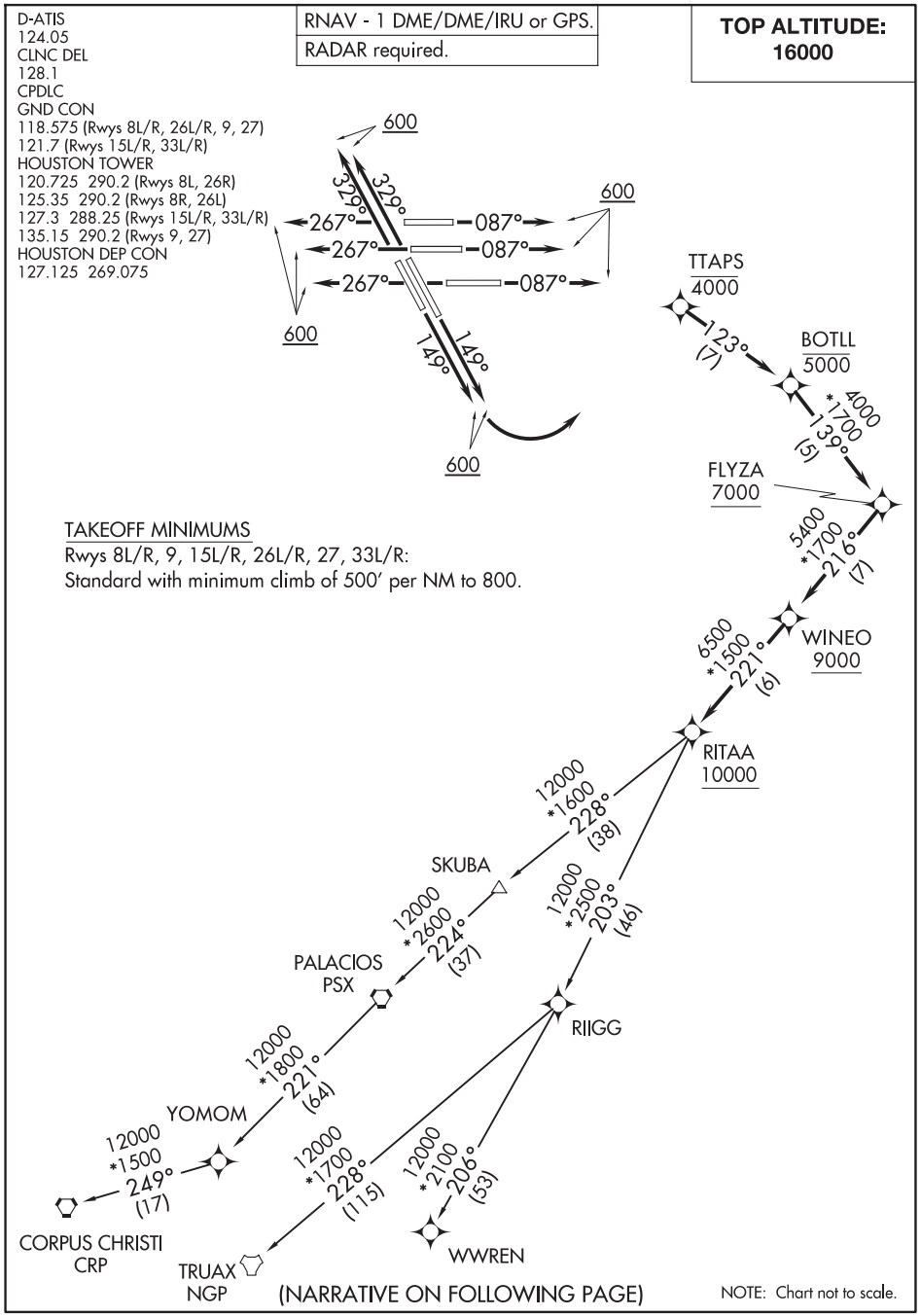
RITAA SEVEN DEPARTURE (RNAV)

AL-5461 (FAA) HOUSTON, TEXAS

D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9, 27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L, 26R)
125.35 290.2 (Rwys 8R, 26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9, 27)
HOUSTON DEP CON
127.125 269.075

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

TOP ALTITUDE: 16000



TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R:
Standard with minimum climb of 500′ per NM to 800.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb on heading 087° to 600, for RADAR vectors to cross BOTLL at or below 5000, thence . . . .
TAKEOFF RUNWAYS 15L/R: Climb on heading 149° to 600, then left turn direct to cross TTAPS at or below 4000, then on track 123° to cross BOTLL at or below 5000, thence . . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb on heading 267° to 600, for RADAR vectors to cross BOTLL at or below 5000, thence . . . .
TAKEOFF RUNWAYS 33L/R: Climb on heading 329° to 600, for RADAR vectors to cross BOTLL at or below 5000, thence . . . .

. . . . on track 139° to cross FLYZA at or above 7000, then on track 216° to cross WINEO at or above 9000, then on track 221° to cross RITAA at or above 10000, then on (transition). Maintain 16000. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (RITAA7.CRP)
PALACIOS TRANSITION (RITAA7.PSX)
TRUAX TRANSITION (RITAA7.NGP)
WWREN TRANSITION (RITAA7.WWREN)
YOMOM TRANSITION (RITAA7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

STRYA EIGHT DEPARTURE (RNAV)

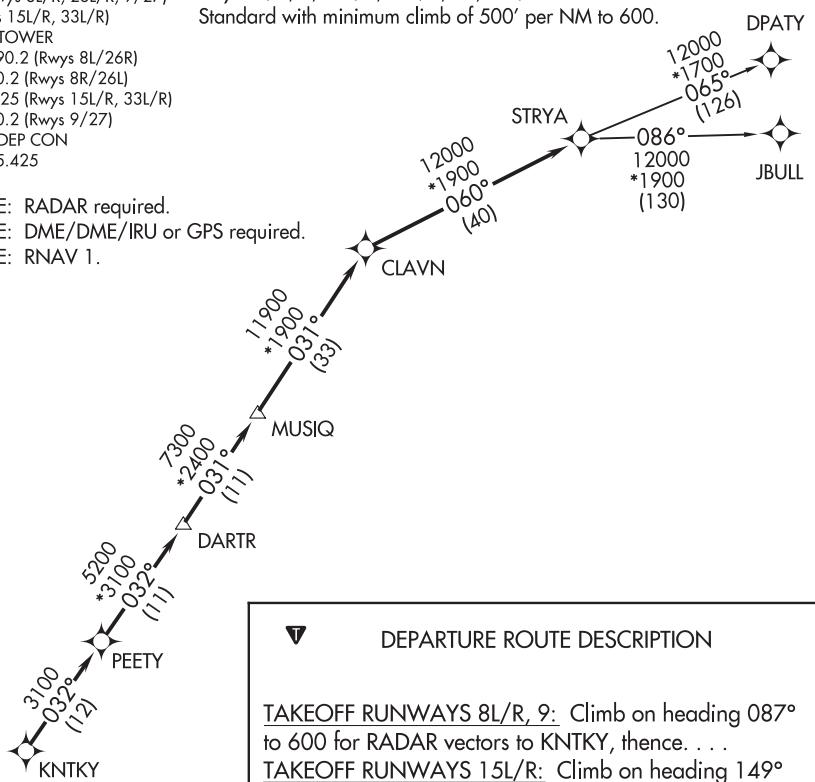
AL-5461 (FAA)

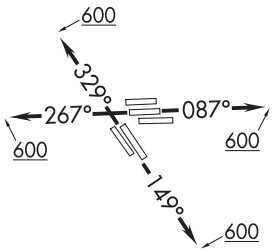
TOP ALTITUDE: 16000

D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
132.25 285.425

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R:
Standard with minimum climb of 500′ per NM to 600.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb on heading 087° to 600 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAYS 15L/R: Climb on heading 149° to 600 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb on heading 267° to 600 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAYS 33L/R: Climb on heading 329° to 600 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

(STYCK8.STYCK) 21280

STYCK EIGHT DEPARTURE (RNAV)

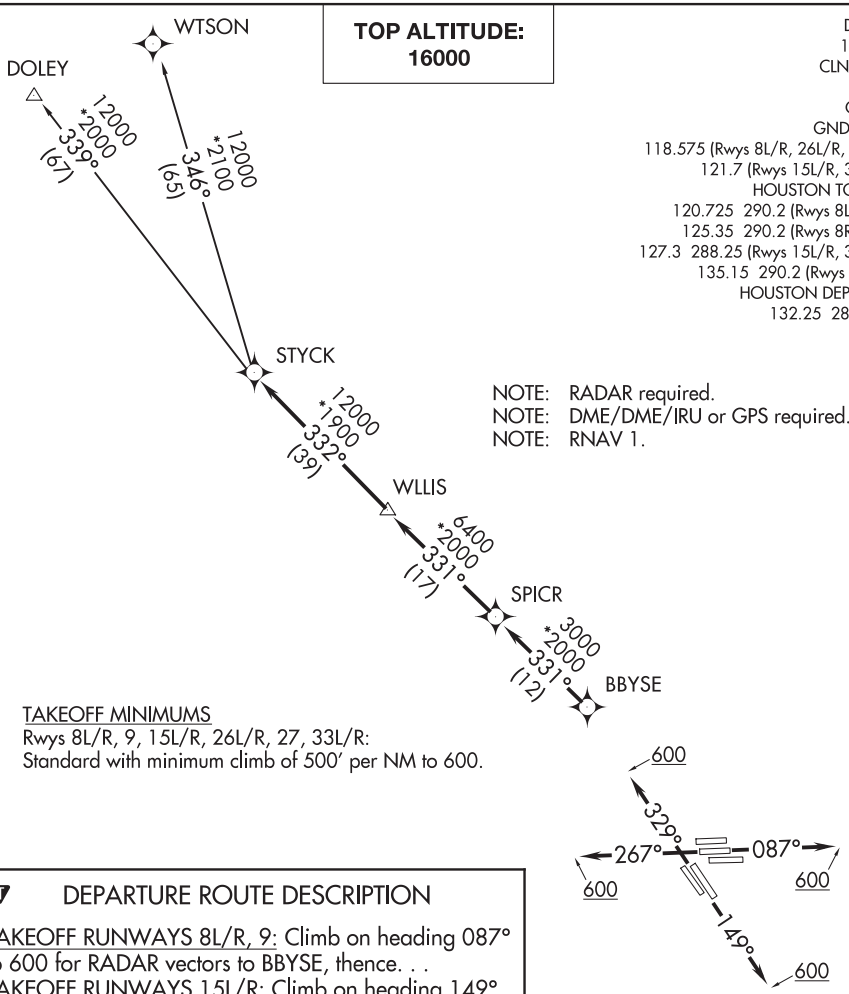
AL-5461 (FAA)

GEORGE BUSH INTCNTL/HOUSTON (IAH)

HOUSTON, TEXAS

TOP ALTITUDE: 16000

D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
132.25 285.425



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

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R:
Standard with minimum climb of 500′ per NM to 600.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb on heading 087° to 600 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAYS 15L/R: Climb on heading 149° to 600 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAYS 26L/R, 27: Climb on heading 267° to 600 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAYS 33L/R: Climb on heading 329° to 600 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

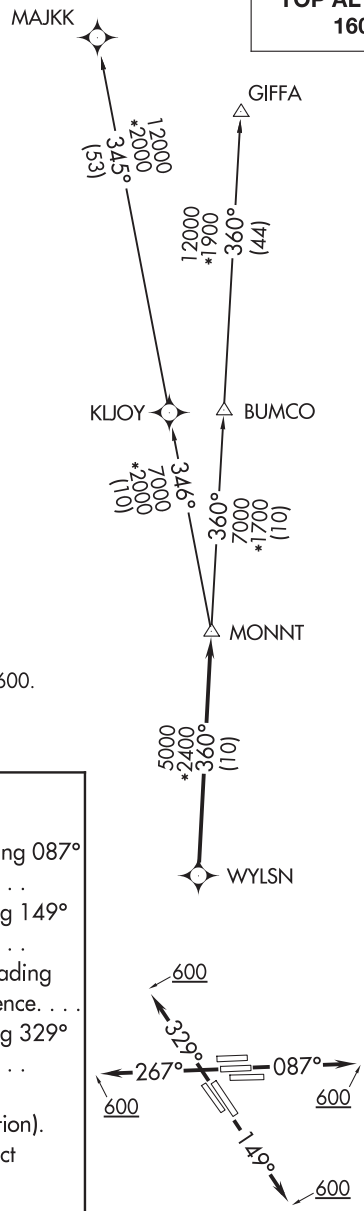
STYCK EIGHT DEPARTURE (RNAV)
HOUSTON, TEXAS
(STYCK8.STYCK) 07OCT21
GEORGE BUSH INTCNTL/HOUSTON (IAH)

WYLSN EIGHT DEPARTURE (RNAV)

AL-5461 (FAA)

D-ATIS
124.05
CLNC DEL
128.1
CPDLC
GND CON
118.575 (Rwys 8L/R, 26L/R, 9/27)
121.7 (Rwys 15L/R, 33L/R)
HOUSTON TOWER
120.725 290.2 (Rwys 8L/R,26R)
125.35 290.2 (Rwys 8R/26L)
127.3 288.25 (Rwys 15L/R, 33L/R)
135.15 290.2 (Rwys 9/27)
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000



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

TAKEOFF MINIMUMS
Rwys 8L/R, 9, 15L/R, 26L/R, 27, 33L/R:
Standard with minimum climb of 500′ per NM to 600.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R, 9: Climb on heading 087° to 600 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAYS 15L/R: Climb on heading 149° to 600 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAYS 26L/R, 27: Climb on heading 267° to 600 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAYS 33L/R: Climb on heading 329° to 600 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS | AL-10328 (FAA) | 24361

RNAV (GPS) RWY 18
HOUSTON EXEC (TME)

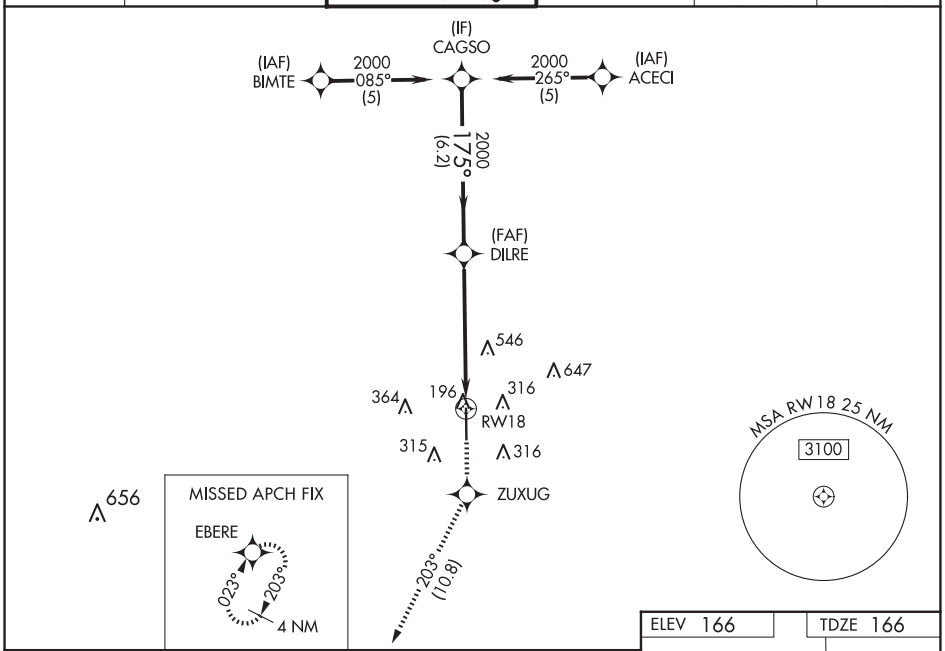
WAAS CH 49004 W18A	APP CRS 175°	Rwy ldg 6610 TDZE 166 Apt Elev 166

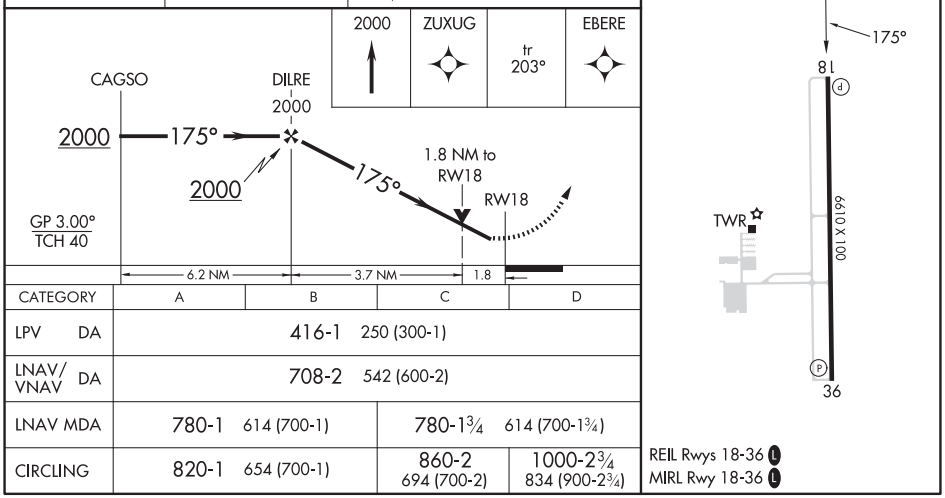
RNP APCH - GPS.

Baro-VNAV NA when using David Wayne Hooks Meml altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 48°C. VDP NA when using David Wayne Hooks Meml altimeter setting. Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use David Wayne Hooks Meml altimeter setting and increase all DA 57 feet and all MDA 60 feet; increase LNAV/VNAV all Cats and LNAV Cat C/D visibility ⅛ mile, and Circling Cat C/D visibility ¼ mile.

MISSED APPROACH: Climb to 2000 direct ZUXUG and on track 203° to EBERE and hold.

ATIS	HOUSTON APP CON	EXECUTIVE TOWER ★	GND CON	CLNC DEL	UNICOM
119.525	123.8 257.7	126.975 (CTAF) L	132.075	132.075	122.975





CATEGORY	A	B	C	D
LPV DA	416-1 250 (300-1)			
LNAV/VNAV DA	708-2 542 (600-2)			
LNAV MDA	780-1 614 (700-1)		780-1¾ 614 (700-1¾)	
CIRCLING	820-1 654 (700-1)		860-2 694 (700-2)	1000-2¾ 834 (900-2¾)

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 97504 W36A	APP CRS 355°	Rwy ldg 6610 TDZE 164 Apt Elev 166

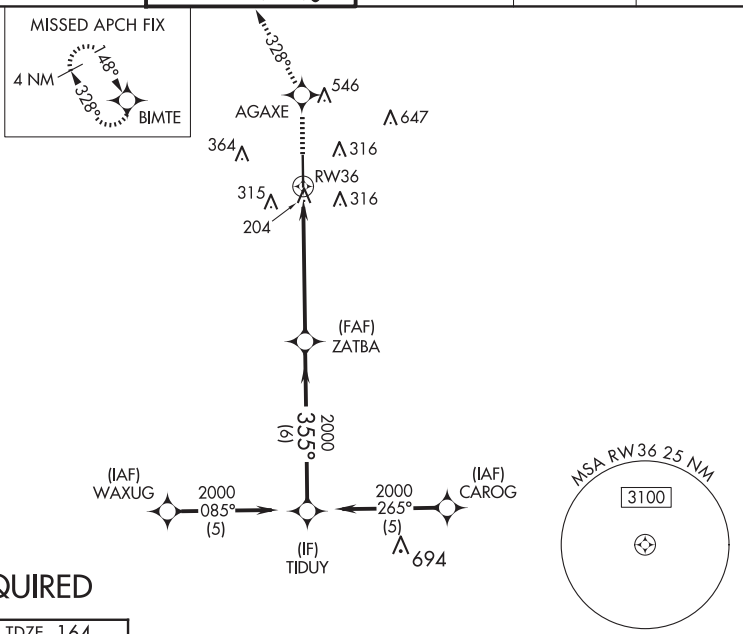
RNAV (GPS) RWY 36
HOUSTON EXEC (TME)

RNP APCH - GPS.

Baro-VNAV NA when using David Wayne Hooks Meml altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C and above 48°C. VDP NA when using David Wayne Hooks Meml altimeter setting. When local altimeter setting not received, use David Wayne Hooks Meml altimeter setting and increase LPV DA to 471 feet, LNAV/VNAV DA to 719 feet; increase all MDA 60 feet. Increase LNAV/VNAV visibility ¼ mile all Cats and LNAV and circling Cat C/D ¼ mile.

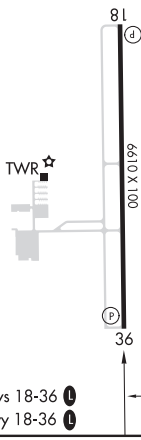
MISSED APPROACH: Climb to 2000 direct AGAXE and via 328° track to BIMTE and hold.

ATIS	HOUSTON APP CON	EXECUTIVE TOWER ★	GND CON	CLNC DEL	UNICOM
119.525	123.8 257.7	126.975 (CTAF) L	132.075	132.075	122.975

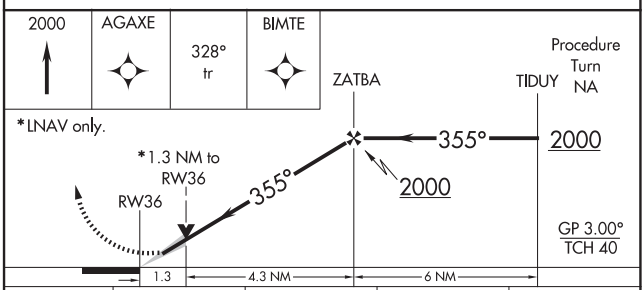


RADAR REQUIRED

ELEV 166	TDZE 164



REIL Rwys 18-36 L
MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LPV DA	414-1 250 (300-1)			
LNAV/VNAV DA	662-1¾ 498 (500-1¾)			
LNAV MDA	620-1 456 (500-1)		620-1¼ 456 (500-1¼)	620-1½ 456 (500-1½)
CIRCLING	820-1 654 (700-1)		860-2 694 (700-2)	1000-2¾ 834 (900-2¾)

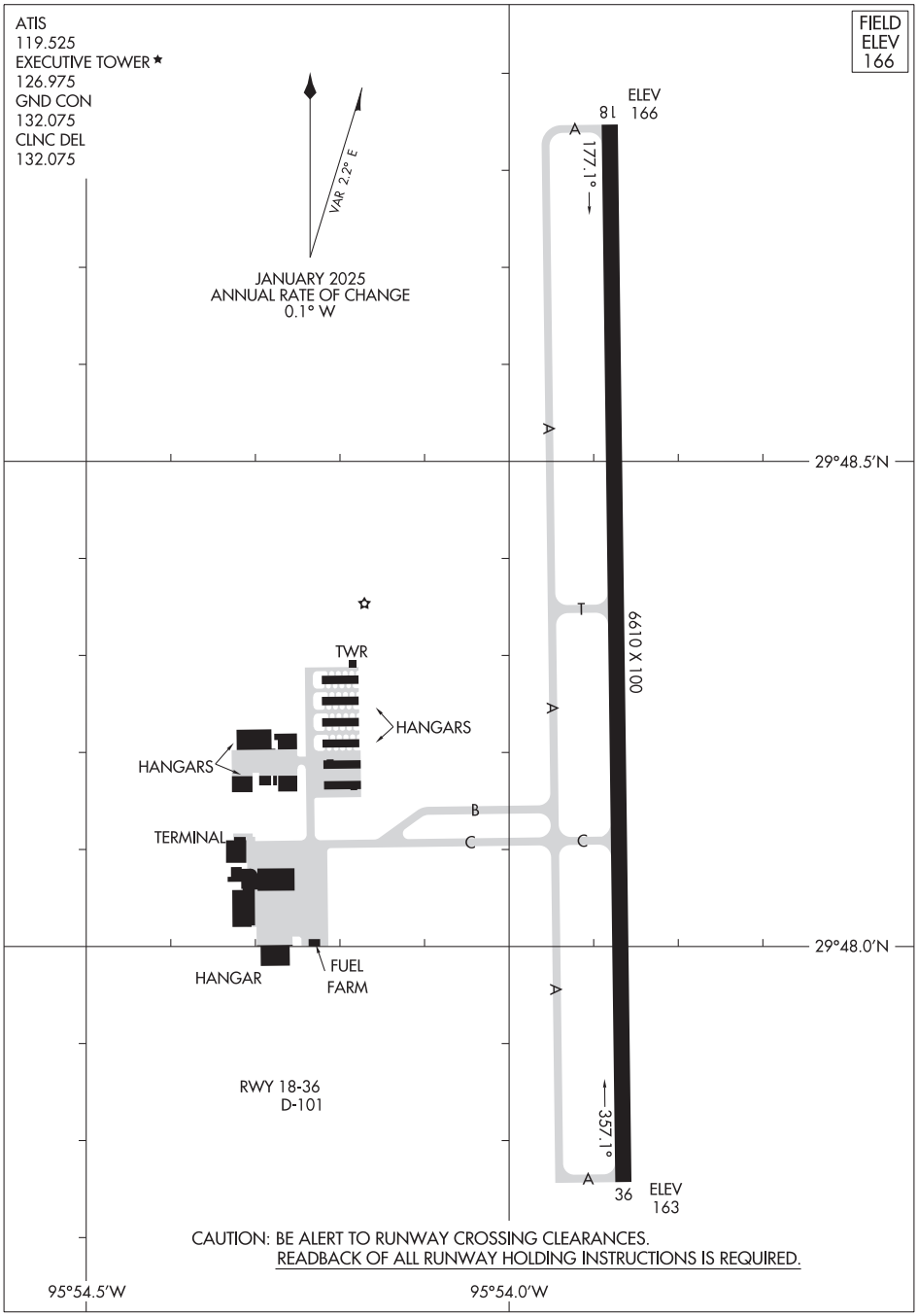
SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-10328 (FAA)

HOUSTON EXEC (TME)
HOUSTON, TEXAS

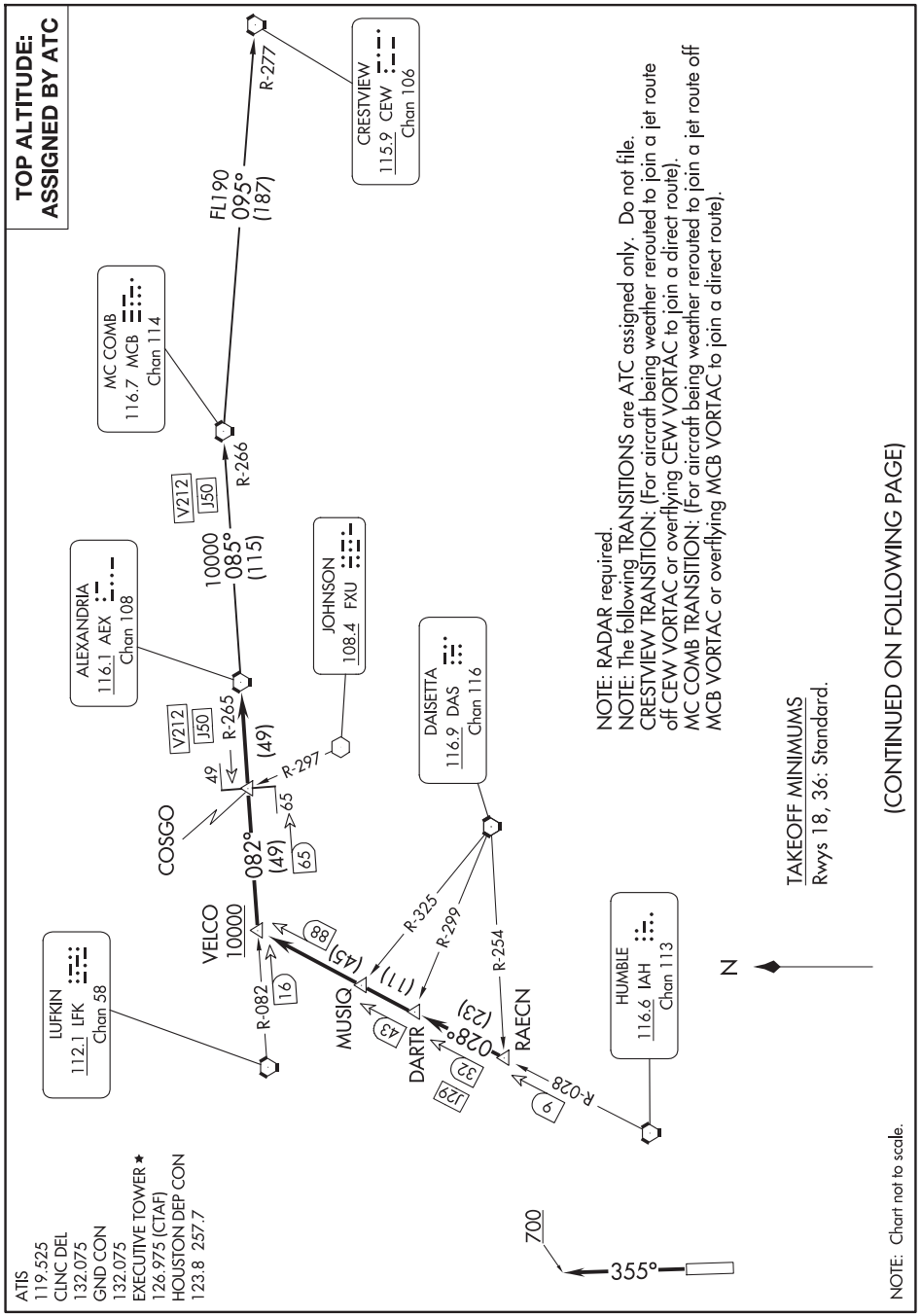


SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
HOUSTON, TEXAS
HOUSTON EXEC (TME)

ALEXANDRIA THREE DEPARTURE



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

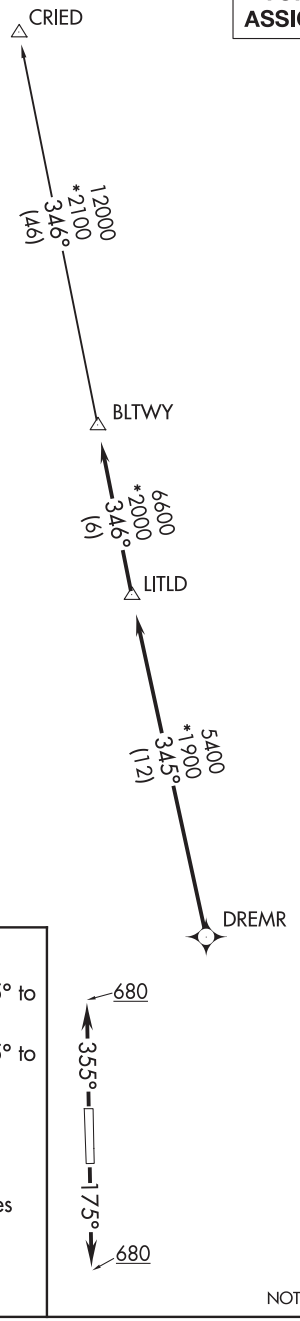
CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER ★
126.975 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwy 18, 36: Standard with minimum climb of 500′ per NM to 680.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 680 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

(BORRN6.BORRN) 25051 AL-10328 (FAA) HOUSTON EXEC (TME)

BORRN SIX DEPARTURE (RNAV)

HOUSTON, TEXAS

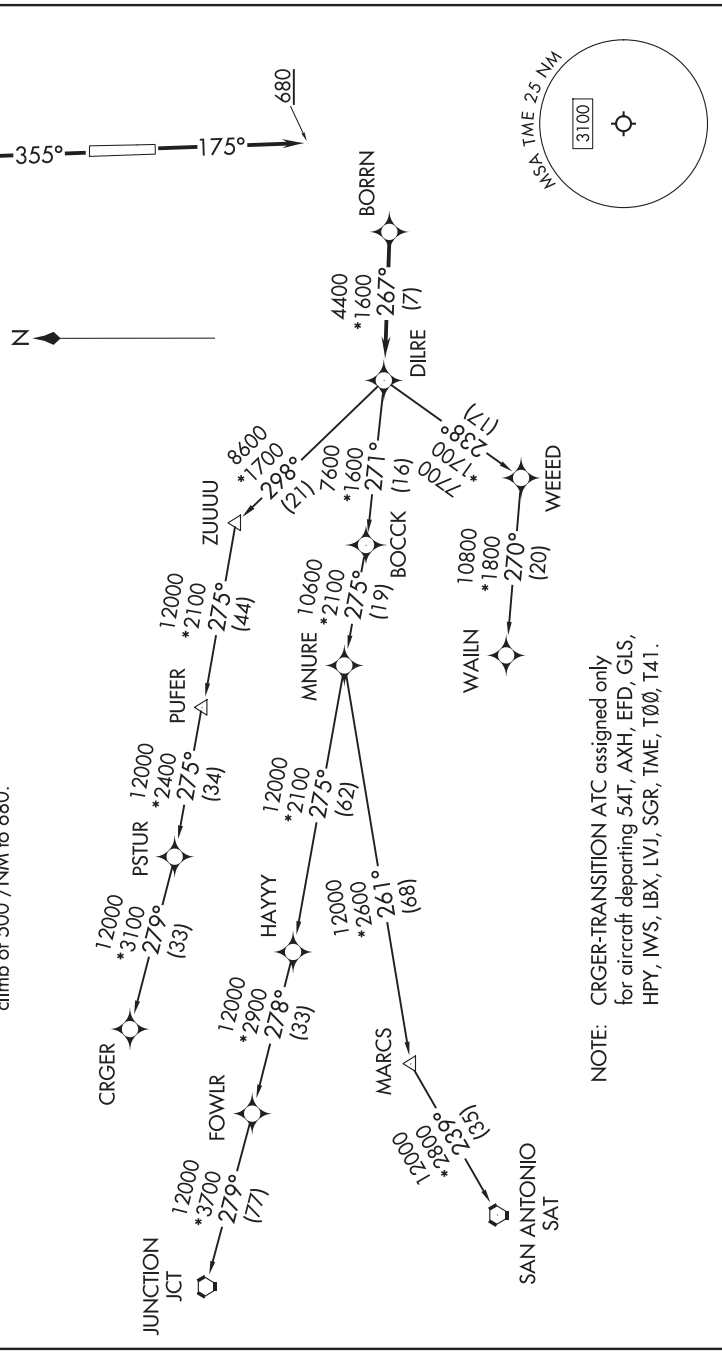
TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TAKEOFF MINIMUMS
Rwys 18, 36: Standard with minimum climb of 500'/NM to 680.

ATIS 119.525
CTAF 126.975
CLNC DEL 132.075
HOUSTON DEP CON 123.8 257.7



NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

(BORRN6.BORRN) 30NOV23 HOUSTON EXEC (TME)

HOUSTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 680, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(CRIED1.CRIED) 24193

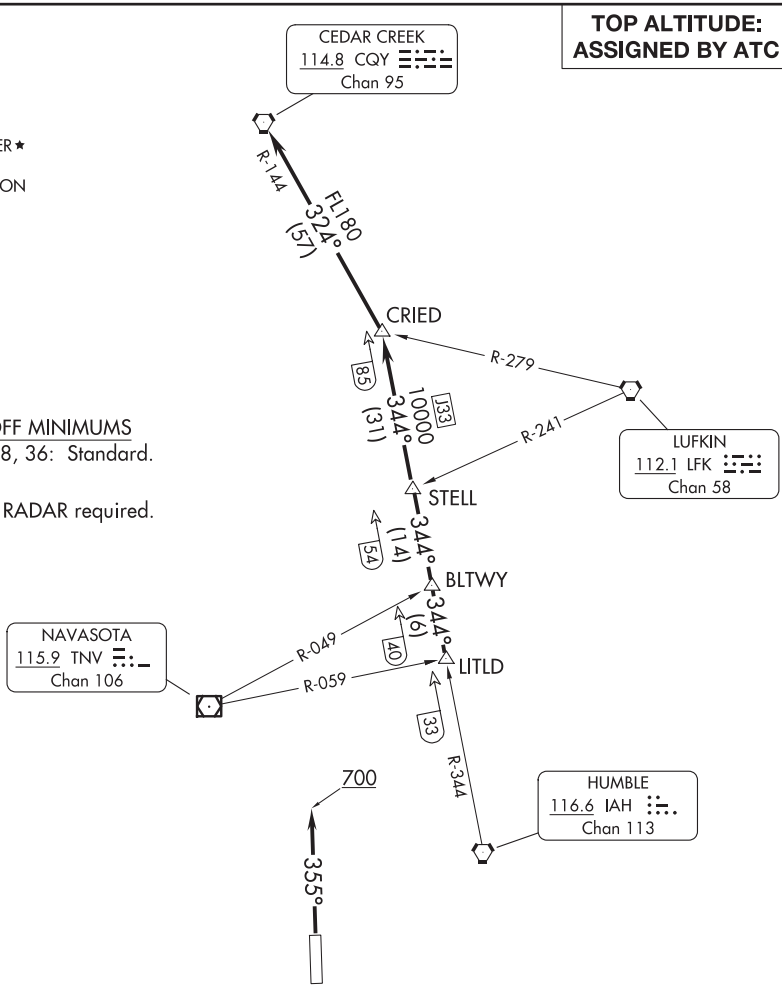
CRIED ONE DEPARTURE

AL-10328 (FAA)

HOUSTON EXEC (TME)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER ★
126.975 (CTAF)
HOUSTON DEP CON
123.8 257.7



TAKEOFF MINIMUMS
Rwys 18, 36: Standard.

NOTE: RADAR required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

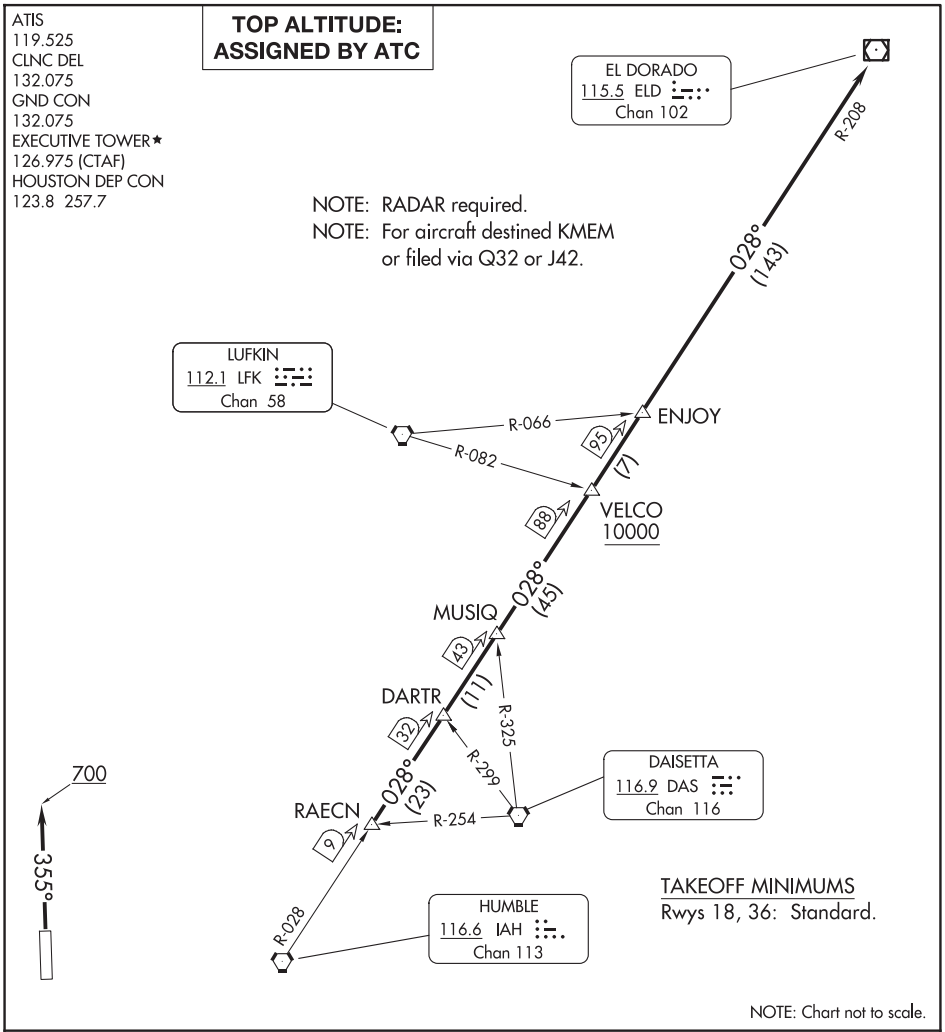
TAKEOFF RUNWAY 36: Climb on heading 355° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

EL DORADO ONE DEPARTURE

HOUSTON EXEC (TME)
HOUSTON, TEXAS



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . . on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(GIFFA1.GIFFA) 24193

GIFFA ONE DEPARTURE

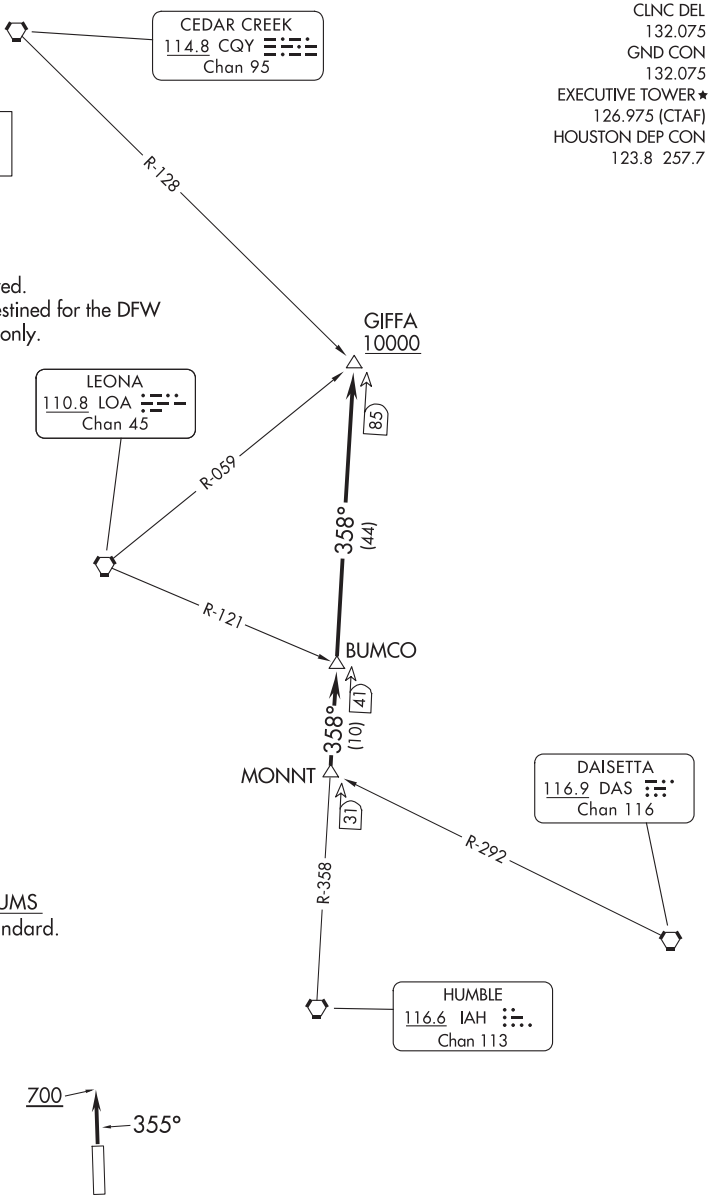
AL-10328 (FAA)

HOUSTON EXEC (TME)
HOUSTON, TEXAS

ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER ★
126.975 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.



TAKEOFF MINIMUMS
Rwys 18, 36: Standard.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

GIFFA ONE DEPARTURE
(GIFFA1.GIFFA) 07OCT21

HOUSTON, TEXAS
HOUSTON EXEC (TME)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

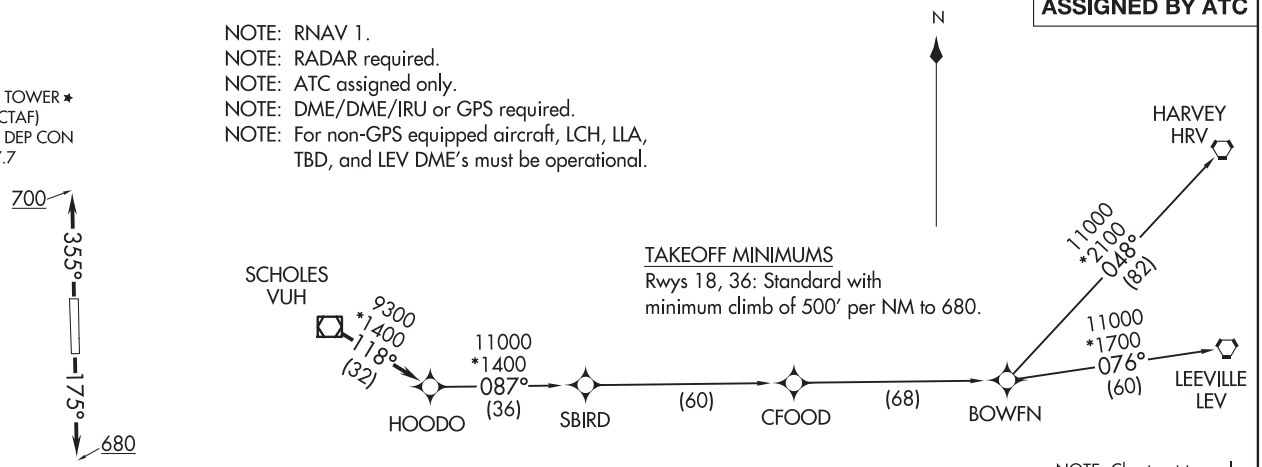
. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025

ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER *
122.975 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.



TAKEOFF MINIMUMS
Rwys 18, 36: Standard with minimum climb of 500' per NM to 680.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 700, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

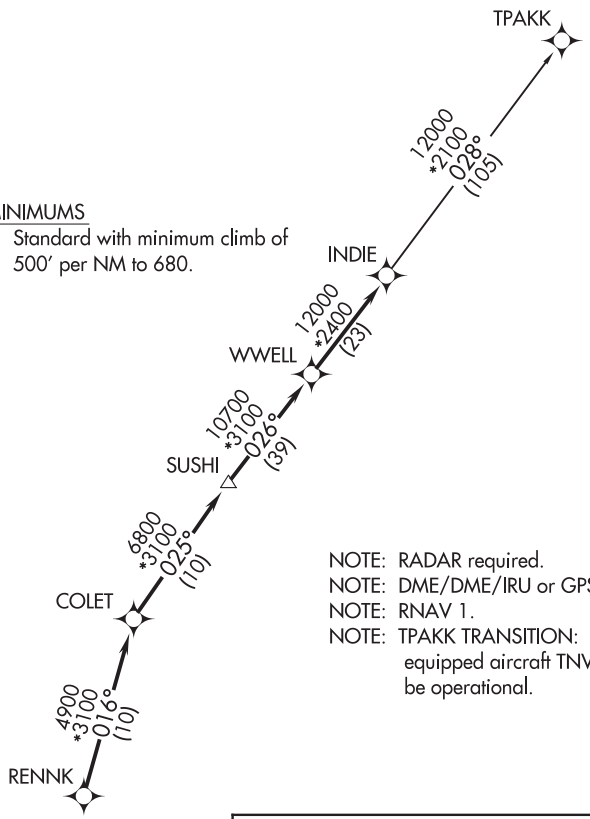
INDIE EIGHT DEPARTURE (RNAV)

HOUSTON EXEC (TME)
HOUSTON, TEXAS

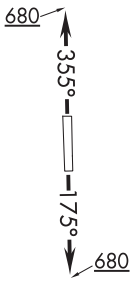
TOP ALTITUDE: ASSIGNED BY ATC

ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER★
126.975 (CTAF)
HOUSTON DEP CON
123.8 257.7

TAKEOFF MINIMUMS
Rwy 18, 36: Standard with minimum climb of 500′ per NM to 680.



NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 680 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition).
Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(KARRR7.KARRR) 22363 AL-10328 (FAA)

KARRR SEVEN DEPARTURE (RNAV)

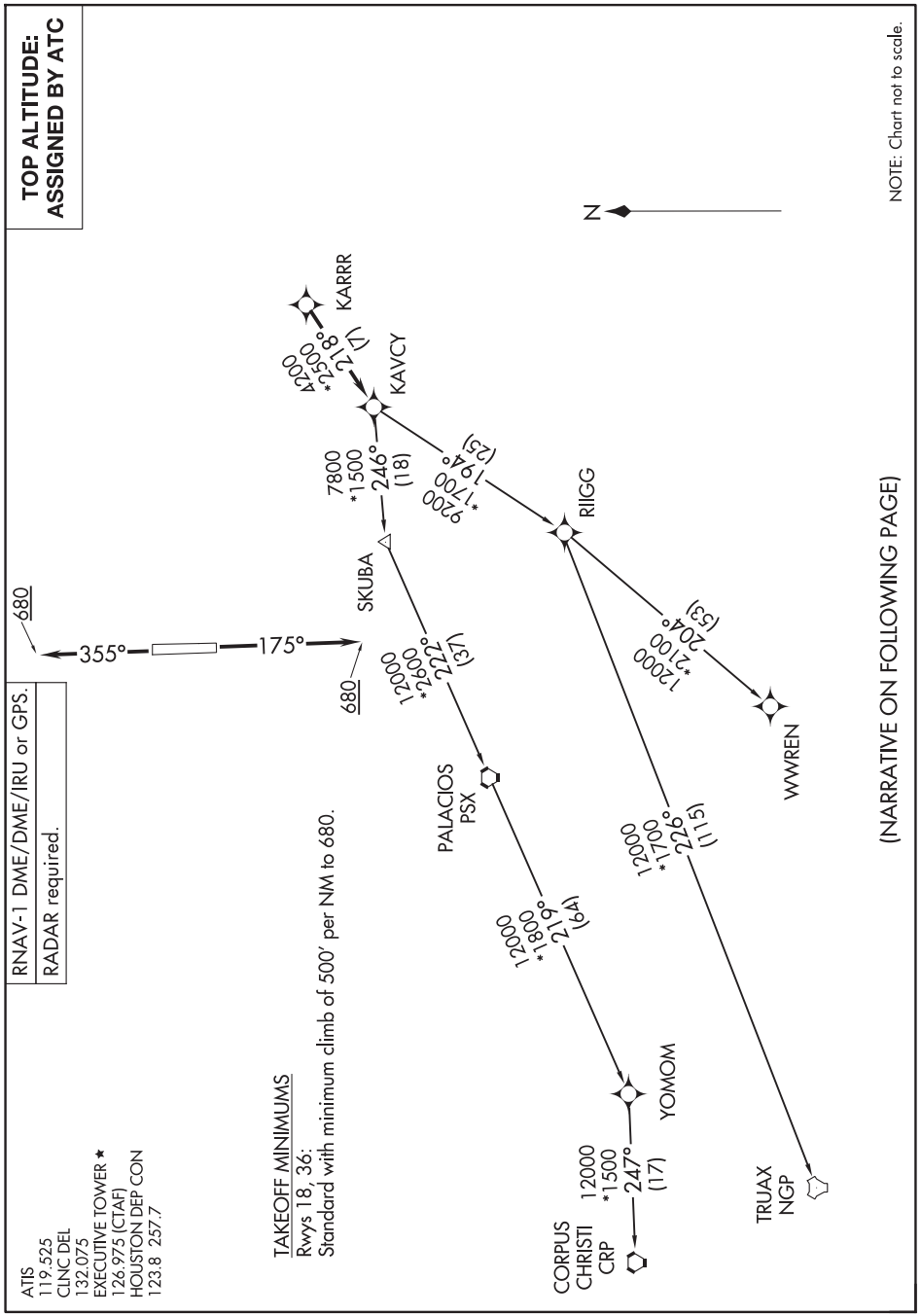
HOUSTON EXEC (TME)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

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

ATIS 119.525
CLNC DEL 132.075
EXECUTIVE TOWER ★ 126.975 (CTAF)
HOUSTON DEP CON 123.8 257.7

TAKEOFF MINIMUMS
Rwys 18, 36:
Standard with minimum climb of 500′ per NM to 680.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)
(KARRR7.KARRR) 29DEC22

HOUSTON, TEXAS
HOUSTON EXEC (TME)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 680, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

(LOA4.LOA) 24137

LEONA FOUR DEPARTURE

AL-10328 (FAA)

HOUSTON EXEC (TME)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER ★
126.975 (CTAF)
HOUSTON DEP CON
123.8 257.7

TULSA
114.4 TUL
Chan 91

ARDMORE
116.7 ADM
Chan 114

BONHAM
114.6 BYP
Chan 93

RANGER
115.7 FUZ
Chan 104

CEDAR CREEK
114.8 CQY
Chan 95

WACO
115.3 ACT
Chan 100

LEONA
110.8 LOA
Chan 45

NAVASOTA
115.9 TNV
Chan 106

HUMBLE
116.6 IAH
Chan 113

DOLEY

WLLIS

R-156
FL180
336°
(127)

R-173
FL180
353°
(81)

R-130
FL180
310°
(58)

R-163
10000
341°
(65)

R-046
10000
334°
(67)

R-147
4000
327°
(39)

R-047

38

R-330

700

355°

TAKEOFF MINIMUMS
Rwys 18, 36: Standard.

NOTE: RADAR required.
NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ) ADM (LOA4.ADM) or BYP (LOA4.BYP).
NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.
NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.
NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 36: Climb on heading 355° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

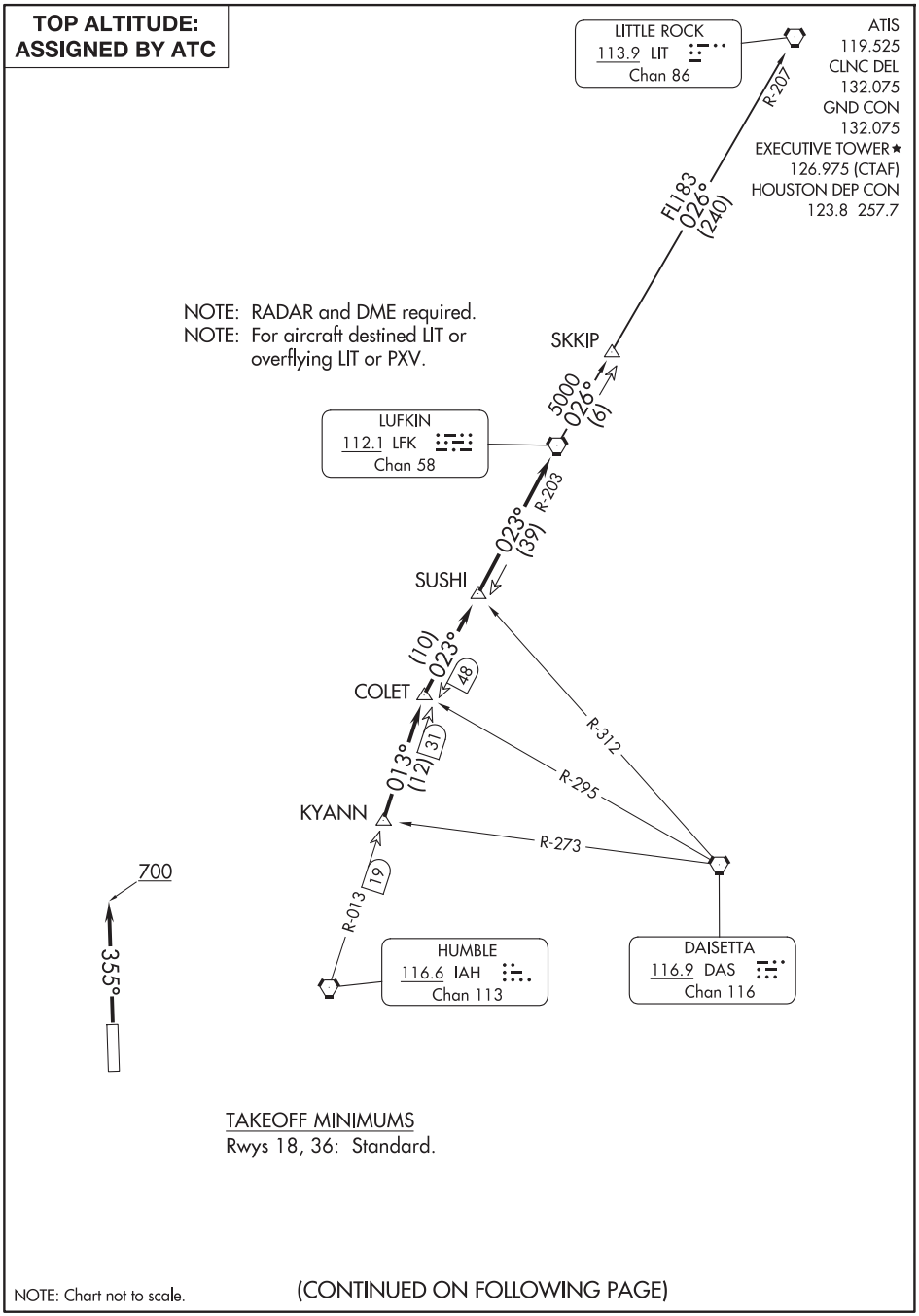
RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LFK3.LFK) 24137 AL-10328 (FAA)

LUFKIN THREE DEPARTURE

HOUSTON EXEC (TME)
HOUSTON, TEXAS



(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

(LURIC8.LURIC) 21280 AL-10328 (FAA)

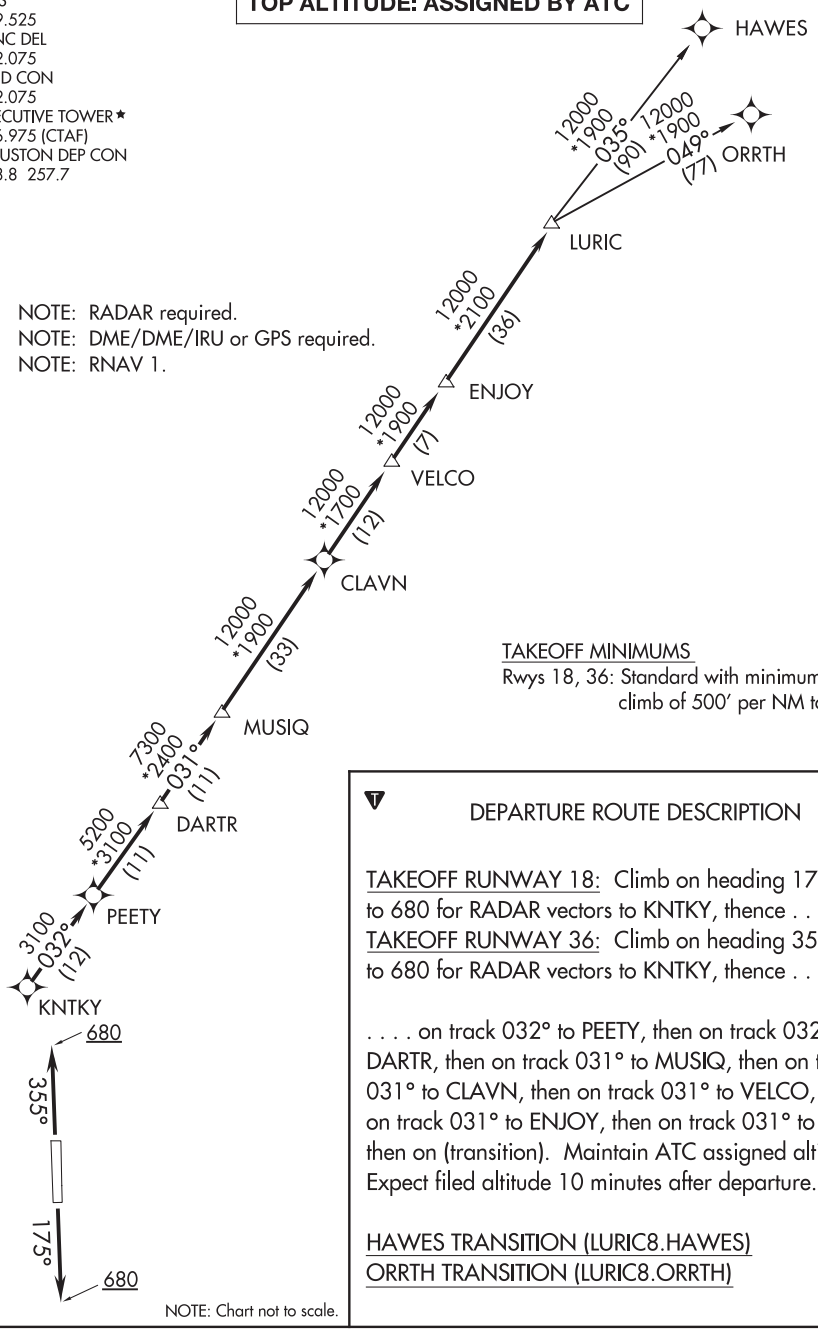
LURIC EIGHT DEPARTURE (RNAV)

HOUSTON EXEC (TME)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER★
126.975 (CTAF)
HOUSTON DEP CON
123.8 257.7

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



NOTE: Chart not to scale.

TAKEOFF MINIMUMS
Rwys 18, 36: Standard with minimum climb of 500′ per NM to 680.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 680 for RADAR vectors to KNTKY, thence . . . .

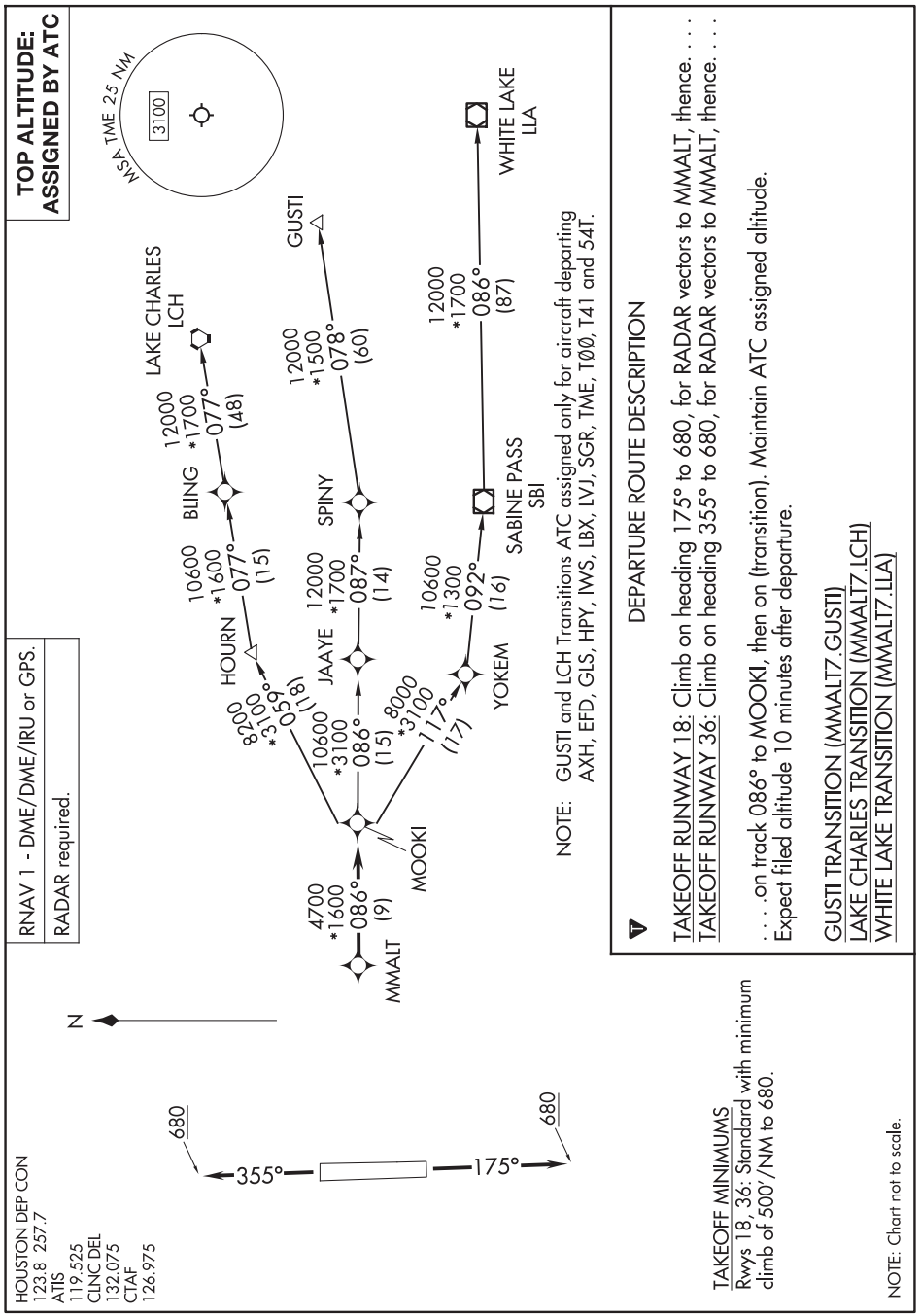
. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

MMALT SEVEN DEPARTURE (RNAV)



(PSX3.PSX) 24137 AL-10328 (FAA) HOUSTON EXEC (TME)

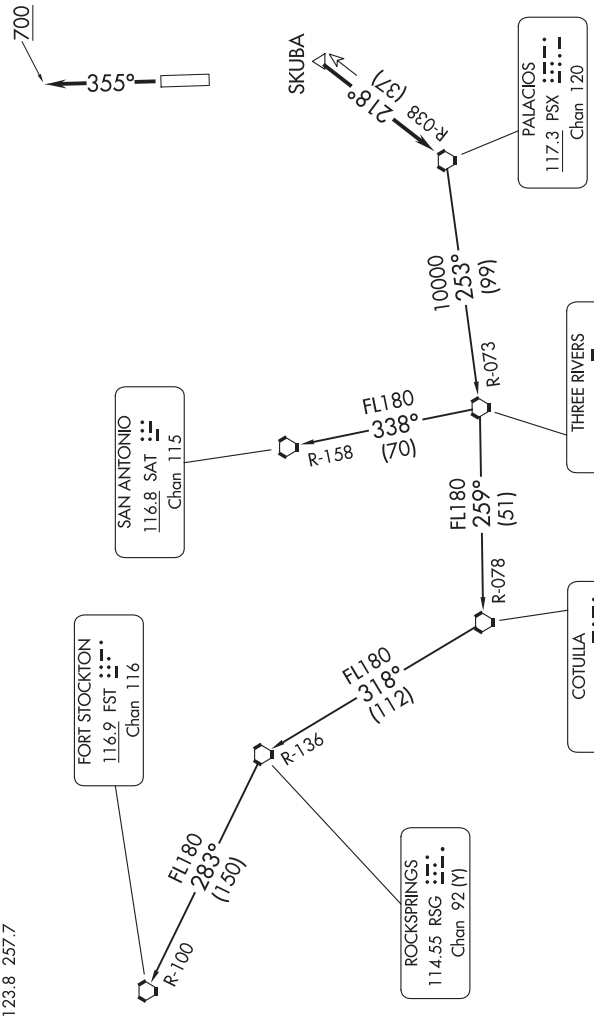
PALACIOS THREE DEPARTURE

HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

RADAR and DME required.

TAKEOFF MINIMUMS
Rwys 18, 36: Standard.



ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER ★
126.975 (CTAF)
HOUSTON DEP CON
123.8 257.7

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS THREE DEPARTURE HOUSTON, TEXAS

(PSX3.PSX) 03NOV22 HOUSTON EXEC (TME)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 36: Climb on heading 355° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(STRYA8.STRYA) 21280 AL-10328 (FAA)

STRYA EIGHT DEPARTURE (RNAV)

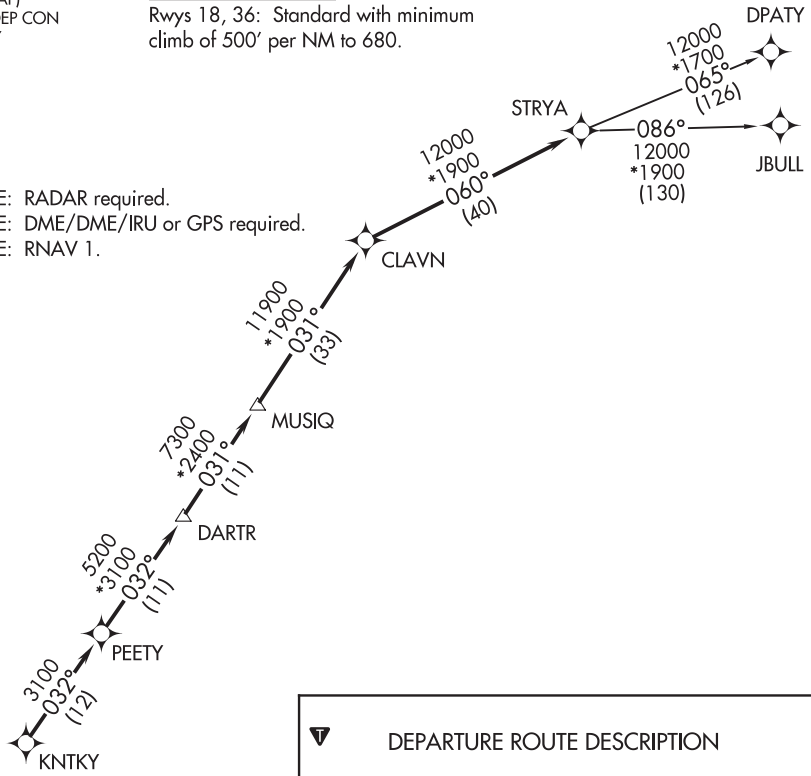
HOUSTON EXEC (TME)
HOUSTON, TEXAS

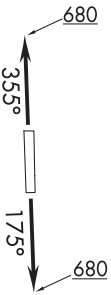
TOP ALTITUDE: ASSIGNED BY ATC

ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER★
126.975 (CTAF)
HOUSTON DEP CON
123.8 257.7

TAKEOFF MINIMUMS
Rwys 18, 36: Standard with minimum climb of 500′ per NM to 680.

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





NOTE: Chart not to scale.

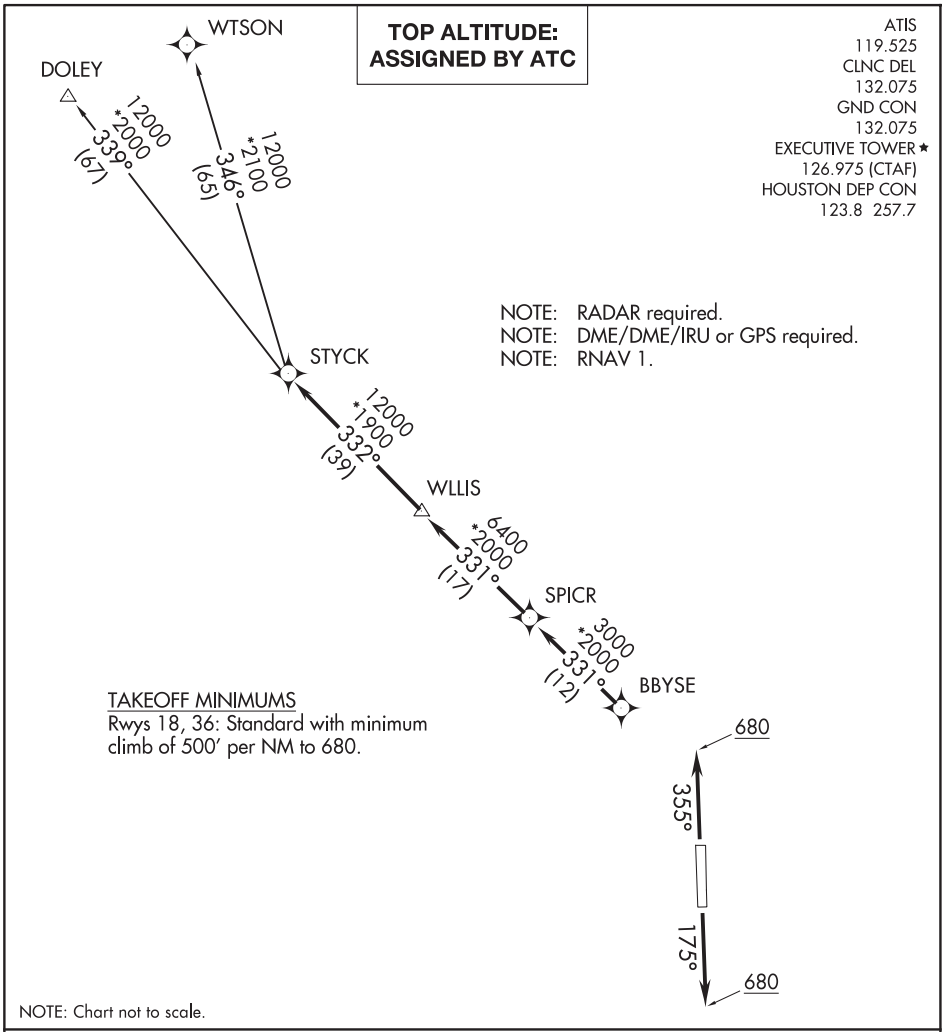
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 680 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 680 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(WATFO6.WATFO) 23222 AL-10328 (FAA)

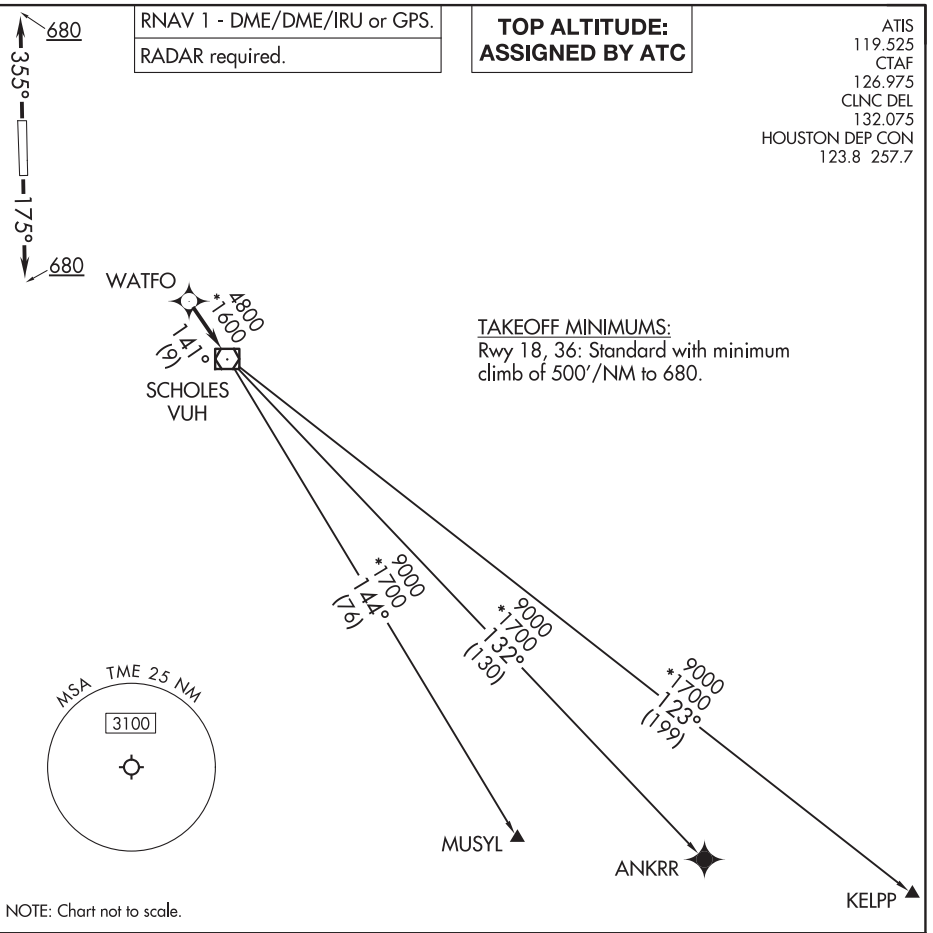
WATFO SIX DEPARTURE (RNAV)

HOUSTON EXEC (TME)
HOUSTON, TEXAS

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

TOP ALTITUDE: ASSIGNED BY ATC

ATIS 119.525
CTAF 126.975
CLNC DEL 132.075
HOUSTON DEP CON 123.8 257.7



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 680, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

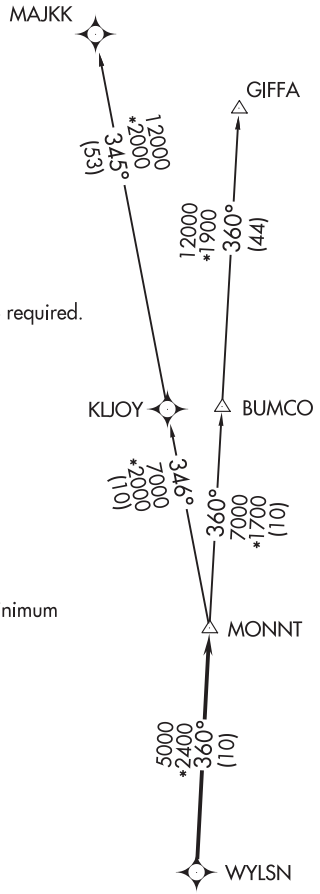
ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

WYLSN EIGHT DEPARTURE (RNAV)

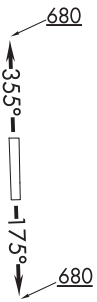
ATIS
119.525
CLNC DEL
132.075
GND CON
132.075
EXECUTIVE TOWER★
126.975 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC



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

TAKEOFF MINIMUMS
Rwy 18, 36: Standard with minimum climb of 500′ per NM to 680.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 175° to 680 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 36: Climb on heading 355° to 680 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS

AL-6575 (FAA)

23222

RNAV (GPS) RWY 9
HOUSTON/SOUTHWEST (AXH)

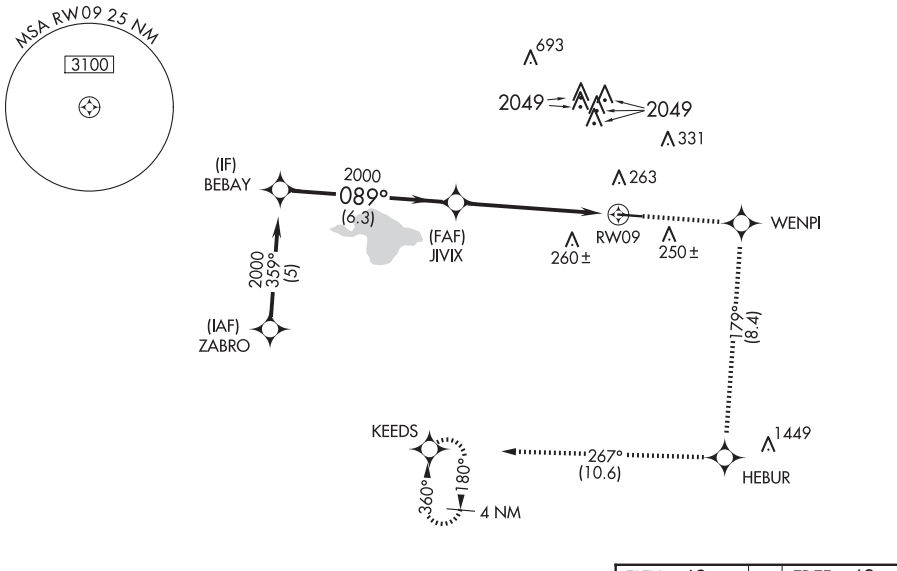
APP CRS	Rwy ldg	5002
089°	TDZE	69
	Apt Elev	69

RNP APCH.

Circling Rwy 27 NA at night.
Rwy 9 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2700 direct WENPI and on track 179° to HEBUR and on track 267° to KEEDS and hold.

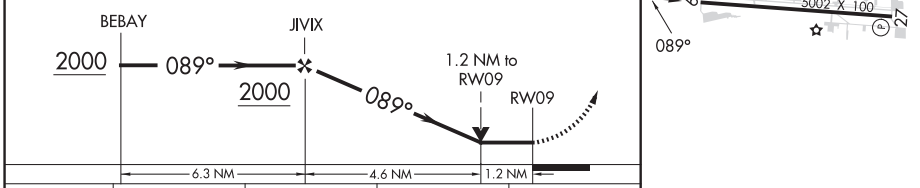
AWOS-3	HOUSTON APP CON	CLNC DEL	UNICOM
123.625	123.8 257.7	120.8	123.0 (CTAF) L



ELEV 69 | TDZE 69

VGSI and descent angles not coincident (VGSI Angle 3.50/TCH 50).

2700	WENPI	tr 179°	HEBUR	tr 267°	KEEDS



CATEGORY	A	B	C	D
LNAV MDA	580-1 511 (600-1)		580-1½ 511 (600-1½)	NA
CIRCLING	620-1 551 (600-1)		700-1¾ 631 (700-1¾)	NA

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 81903 W27A	APP CRS 269°	Rwy ldg 5002 TDZE 67 Apt Elev 68

RNAV (GPS) RWY 27
HOUSTON/SOUTHWEST (AXH)

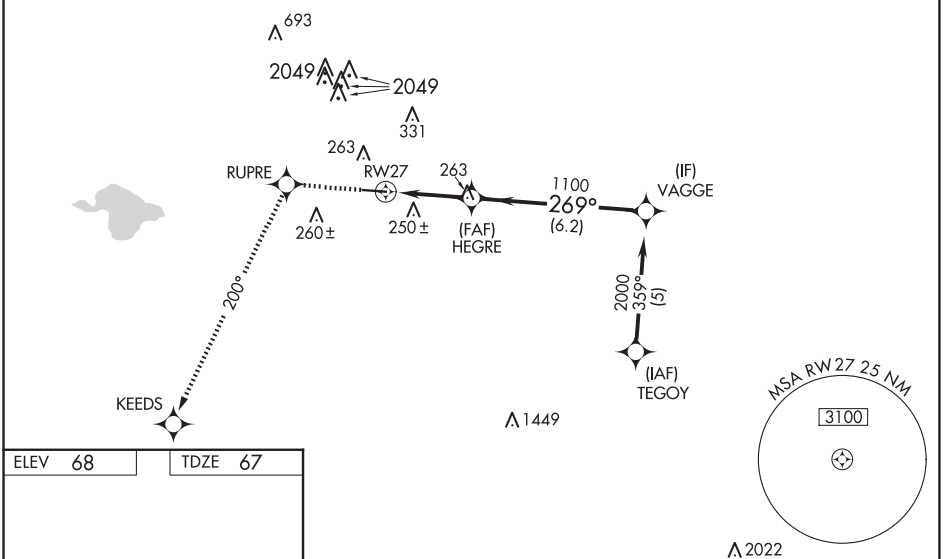
RNP APCH.

NA For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). Rwy 27 helicopter visibility reduction below ¾ SM NA. Obtain local altimeter setting on CTAF; when not received use William P. Hobby altimeter setting and increase all DAs/MDA's 40 feet, and LPV, LNAV Cat C visibility ¼ mile. Baro-VNAV NA when using William P. Hobby altimeter setting.

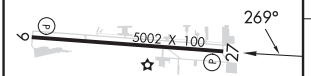
MISSED APPROACH: Climb to 2700 direct RUPRE and via 200° track to KEEDS.

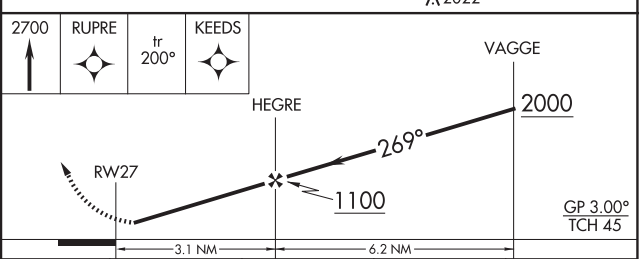
AWOS-3	HOUSTON APP CON	CLNC DEL	UNICOM
123.625	123.8 257.7	120.8	123.0 (CTAF) L

RADAR REQUIRED



ELEV 68 TDZE 67





CATEGORY	A	B	C	D
LPV DA	367-1 300 (300-1)			NA
LNAV/VNAV DA	604-2 537 (600-2)			NA
LNAV MDA	560-1 493 (500-1)		560-1¼ 493 (500-1¼)	NA

REIL Rwy 9 and 27 L
MIRL Rwy 9-27 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS | AL-6575 (FAA) | 23222

LOC RWY 9
HOUSTON/SOUTHWEST (AXH)

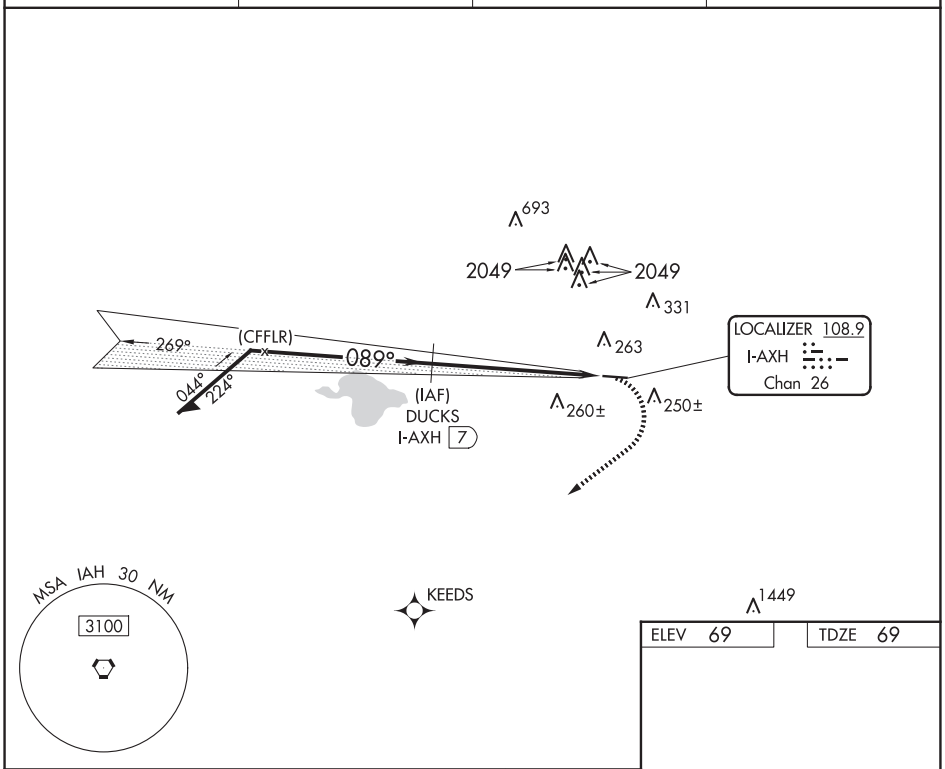
LOC/DME I-AXH	APP CRS	Rwy ldg	5002
108.9	089°	TDZE	69
Chan 26		Apt Elev	69

RNAV 1-GPS.

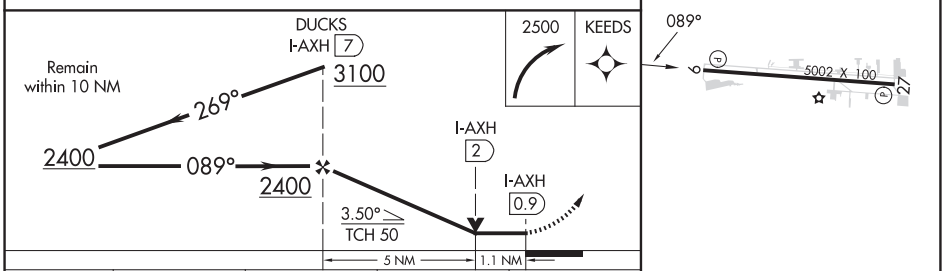
T A NA Rwy 9 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing right turn to 2500 direct KEEDS.

AWOS-3	HOUSTON APP CON	CLNC DEL	UNICOM
123.625	123.8 257.7	120.8	123.0 (CTAF) L



ELEV 69	TDZE 69



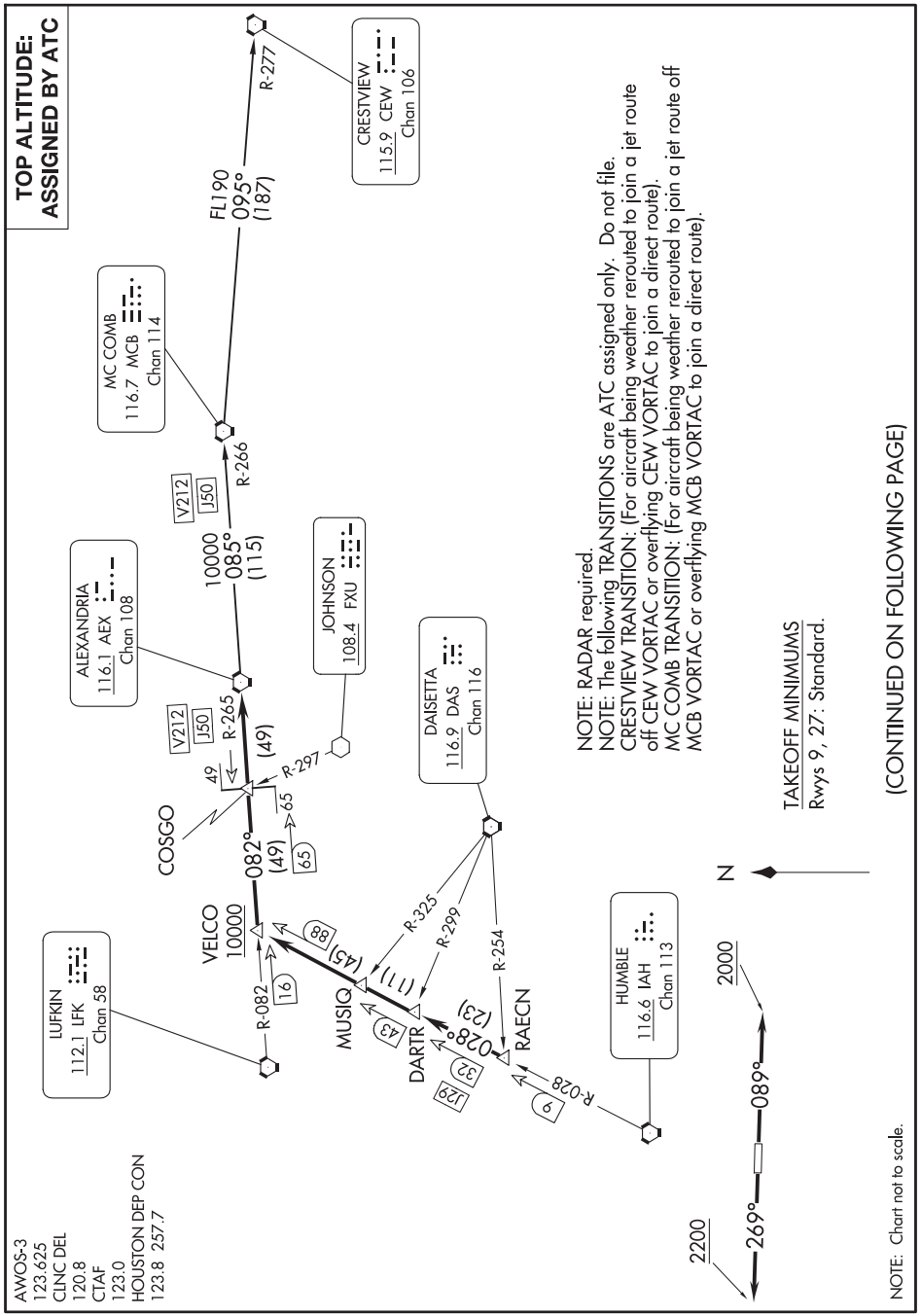
CATEGORY	A	B	C	D
S-LOC 9	540-1 471 (500-1)		540-1⅜ 471 (500-1⅜)	NA
C CIRCLING	580-1 511 (600-1)		700-1¾ 631 (700-1¾)	NA

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ALEXANDRIA THREE DEPARTURE



SC-5, 12 JUN 2025 to 07 AUG 2025

ALEXANDRIA THREE DEPARTURE
HOUSTON, TEXAS
HOUSTON/SOUTHWEST (AXH)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

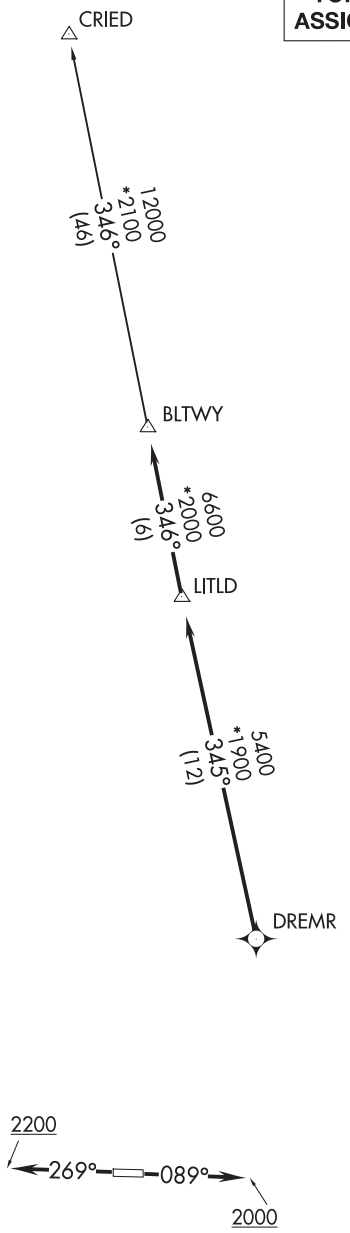
CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

BLTWY SEVEN DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 9, 27: Standard with minimum climb of 500′ per NM to 580.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

(BORRN6.BORRN) 25051 AL-6575 (FAA)

HOUSTON/SOUTHWEST (AXH)
HOUSTON, TEXAS

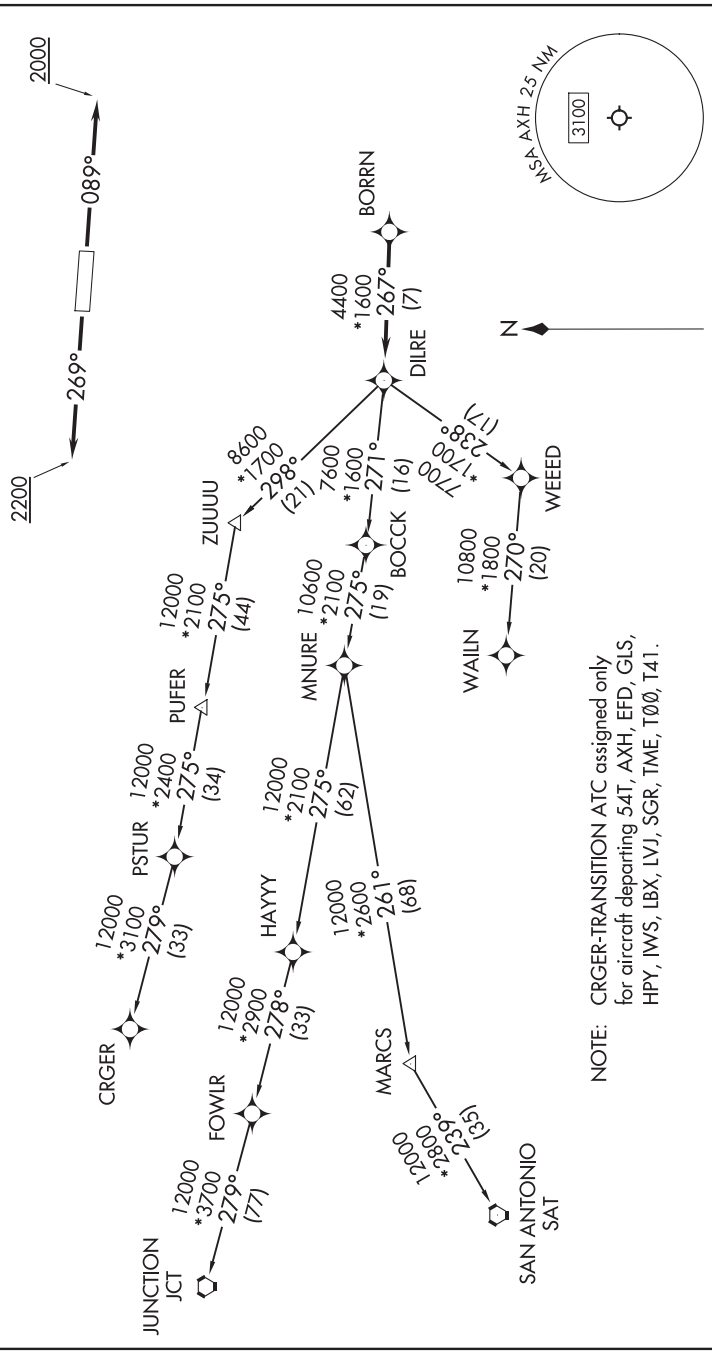
BORRN SIX DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

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

TAKEOFF MINIMUMS
Rwys 9, 27: Standard with minimum climb of 500'/NM to 580.

AWOS-3 123.625
CTAF 123.0
CLNC DEL 120.8
HOUSTON DEP CON 123.8 257.7



NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

(BORRN6.BORRN) 30NOV23

HOUSTON, TEXAS
HOUSTON/SOUTHWEST (AXH)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(CRIED1.CRIED) 24193

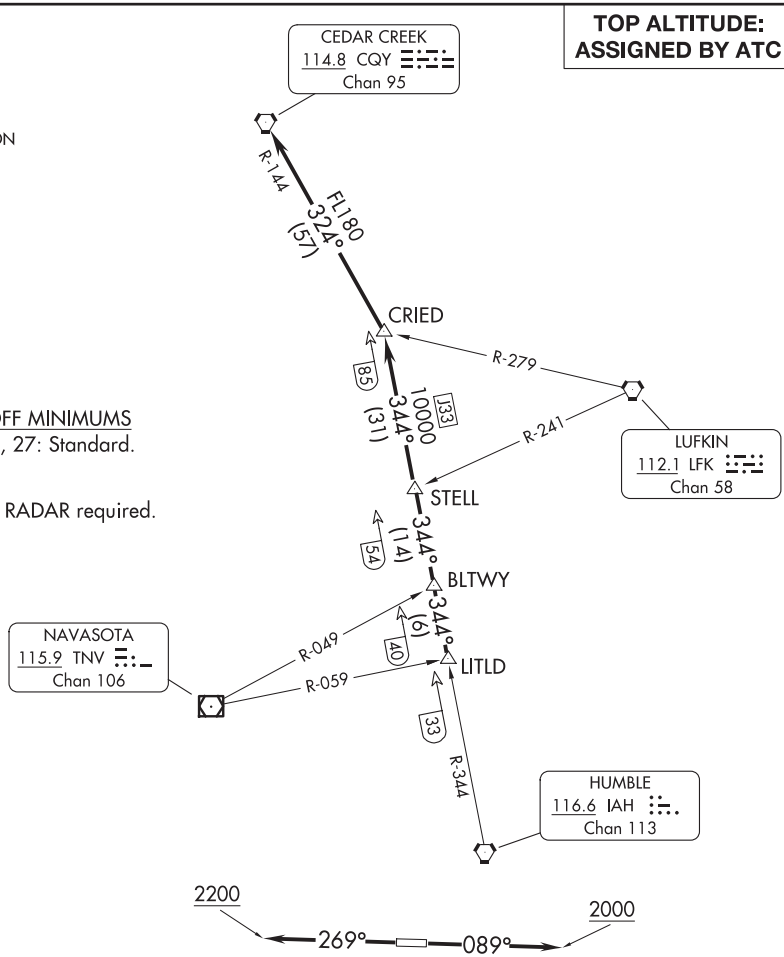
CRIED ONE DEPARTURE

AL-6575 (FAA)

HOUSTON/SOUTHWEST (AXH)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7



TAKEOFF MINIMUMS
Rwys 9, 27: Standard.

NOTE: RADAR required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

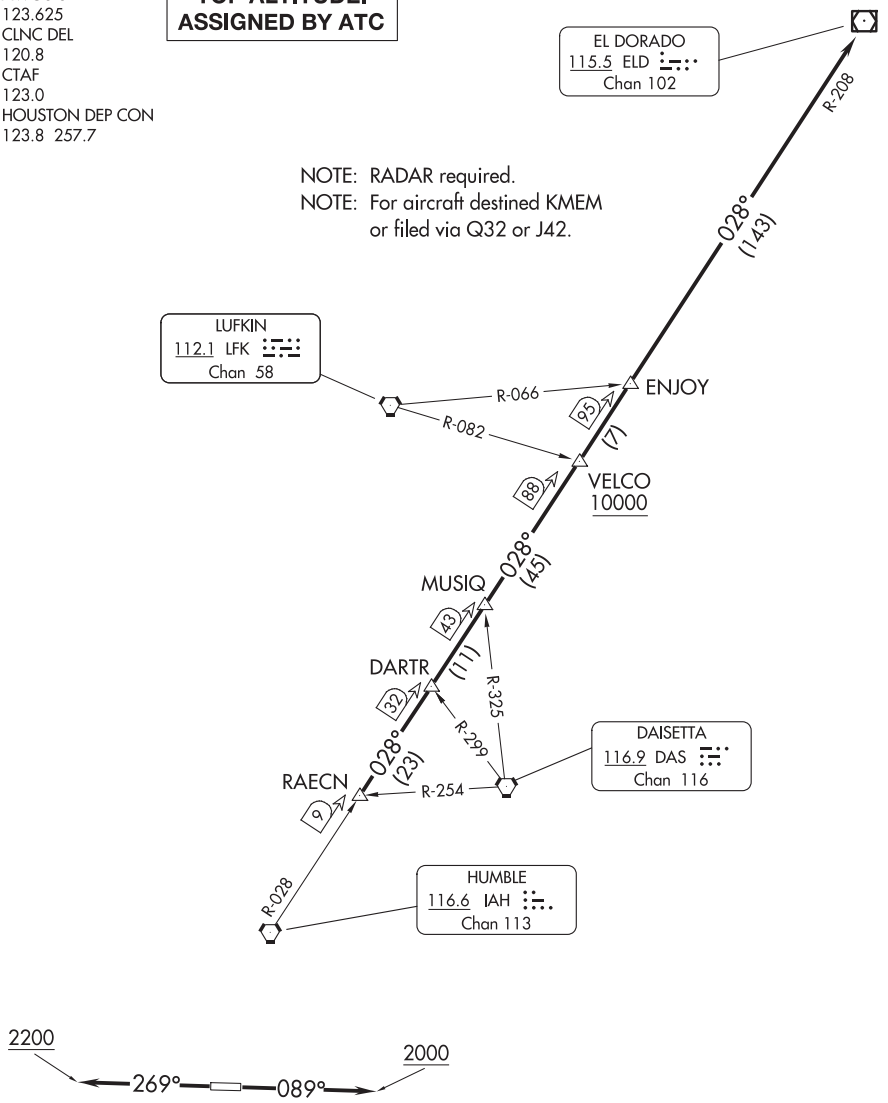
EL DORADO ONE DEPARTURE

HOUSTON/SOUTHWEST (AXH)
HOUSTON, TEXAS

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.



TAKEOFF MINIMUMS
Rwys 9, 27: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

GIFFA ONE DEPARTURE

AL-6575 (FAA)

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.

CEDAR CREEK
114.8 CQY
Chan 95

R-128

GIFFA
10000

85

LEONA
110.8 LOA
Chan 45

R-059

358°
(44)

R-121

BUMCO

41

358°
(10)

MONNT

31

DAISETTA
116.9 DAS
Chan 116

R-292

R-358

HUMBLE
116.6 IAH
Chan 113

TAKEOFF MINIMUMS
Rwys 9, 27: Standard.

2200 ← 269° | 089° → 2000

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

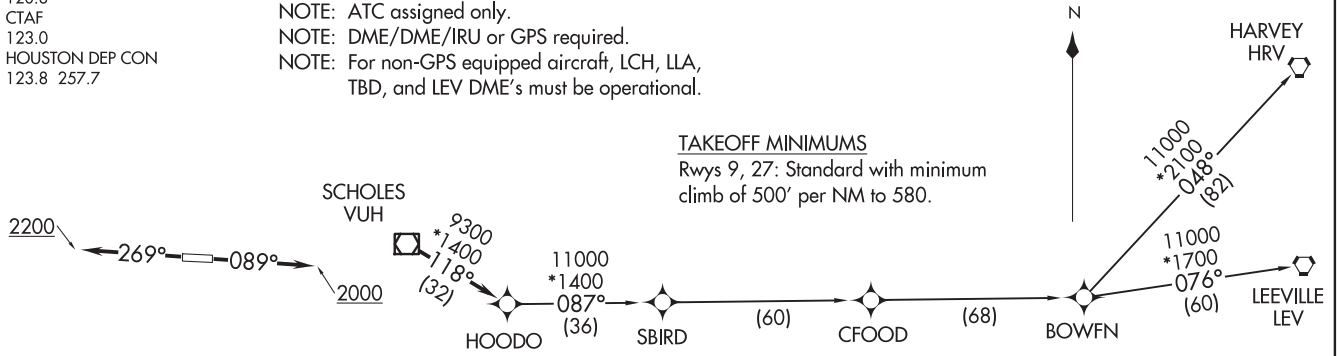
. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TAKEOFF MINIMUMS
Rwys 9, 27: Standard with minimum climb of 500′ per NM to 580.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(INDIE8.INDIE) 21336

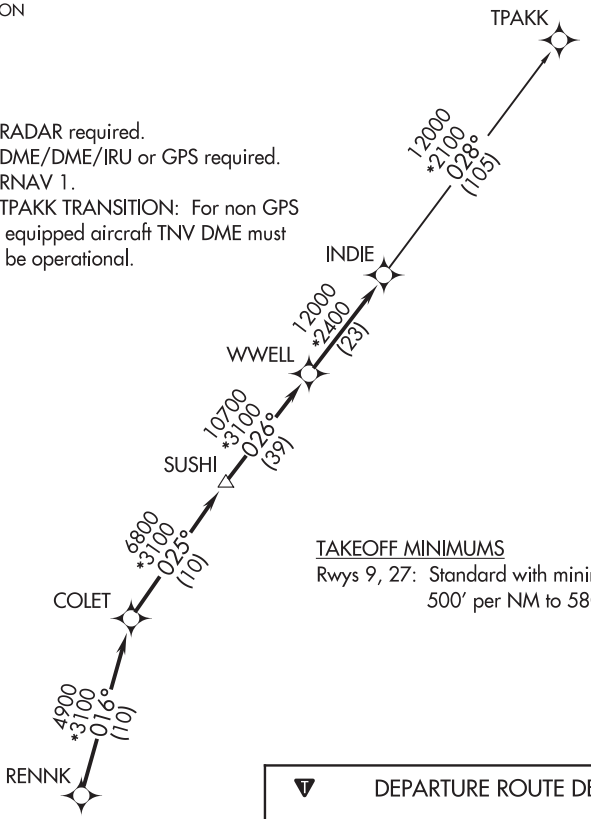
INDIE EIGHT DEPARTURE (RNAV)

HOUSTON/SOUTHWEST (AXH)
HOUSTON, TEXAS

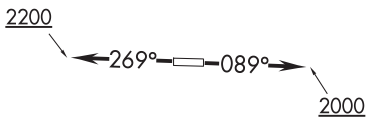
TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwys 9, 27: Standard with minimum climb of 500′ per NM to 580.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition).
Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

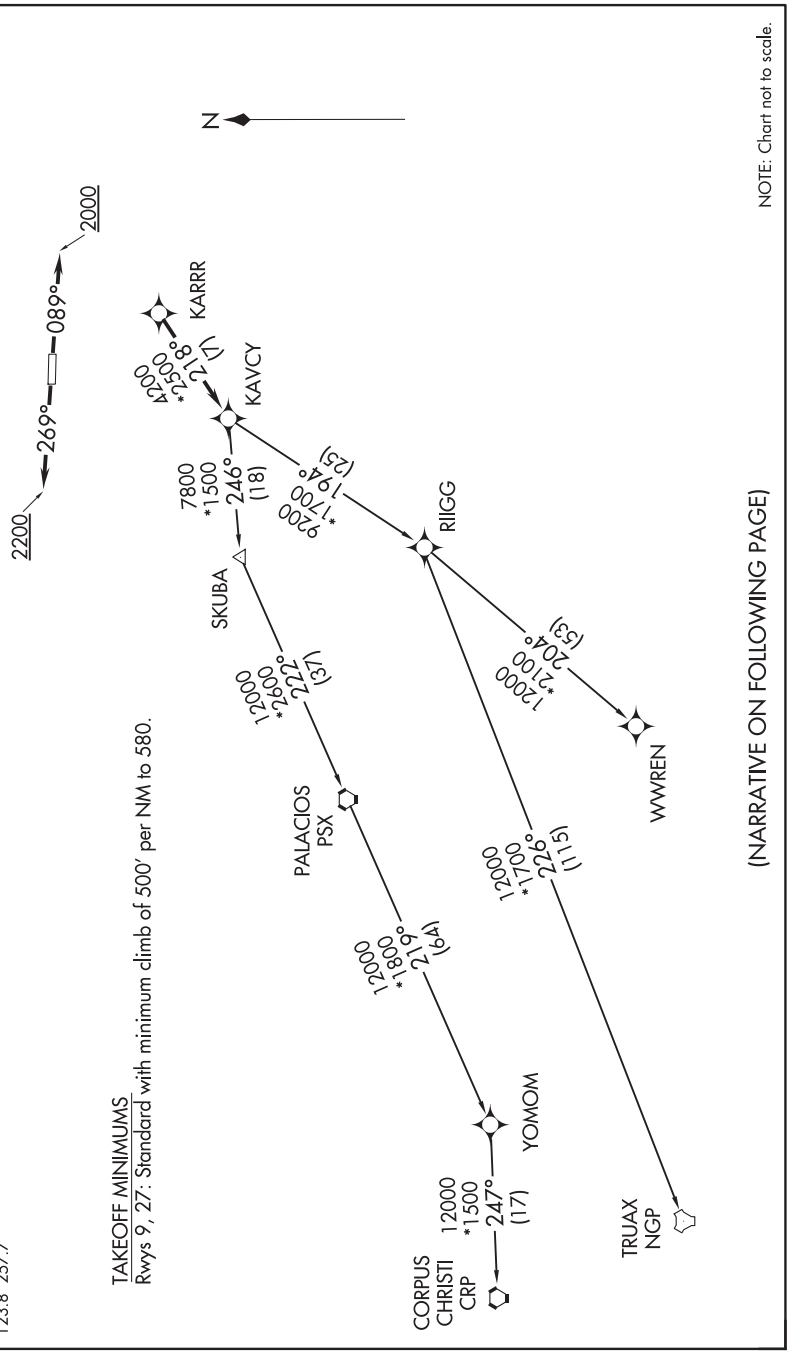
KARRR SEVEN DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

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

AWOS-3
123.625
CTAF
123.0
CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7

TAKEOFF MINIMUMS
Rwys 9, 27: Standard with minimum climb of 500′ per NM to 580.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)
(KARRR7.KARRR) 29DEC22
HOUSTON, TEXAS
HOUSTON/SOUTHWEST (AXH)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

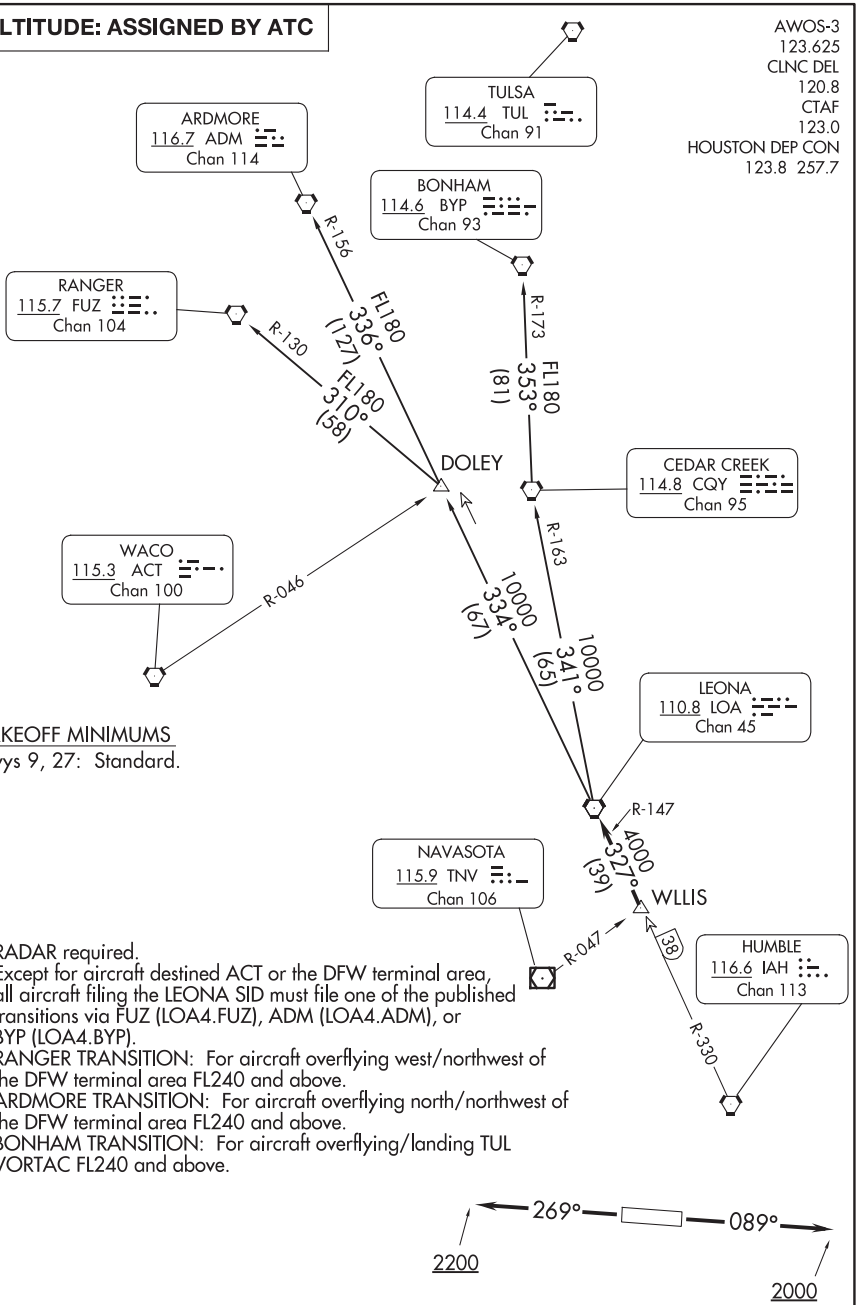
LEONA FOUR DEPARTURE

AL-6575 (FAA)

HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7



TAKEOFF MINIMUMS
Rwys 9, 27: Standard.

NOTE: RADAR required.
NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).
NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.
NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.
NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

T

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

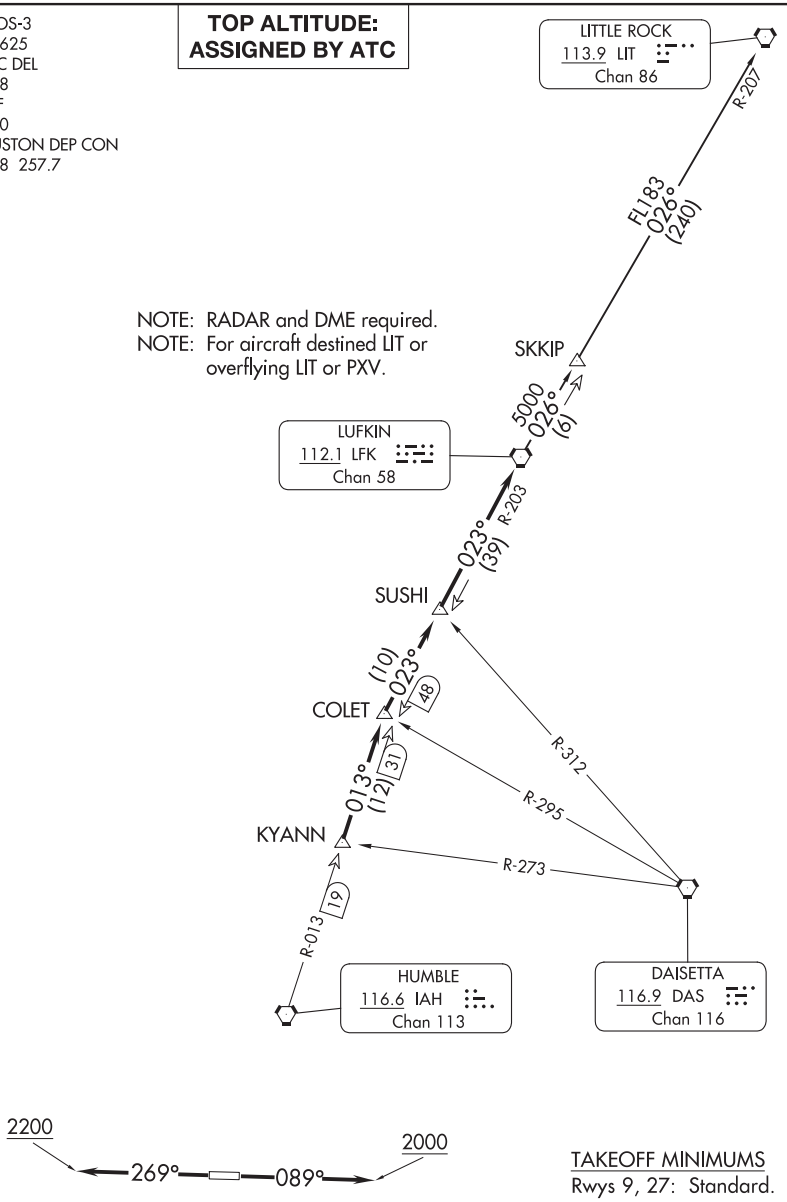
SC-5, 12 JUN 2025 to 07 AUG 2025

LUFKIN THREE DEPARTURE

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.



TAKEOFF MINIMUMS
Rwys 9, 27: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

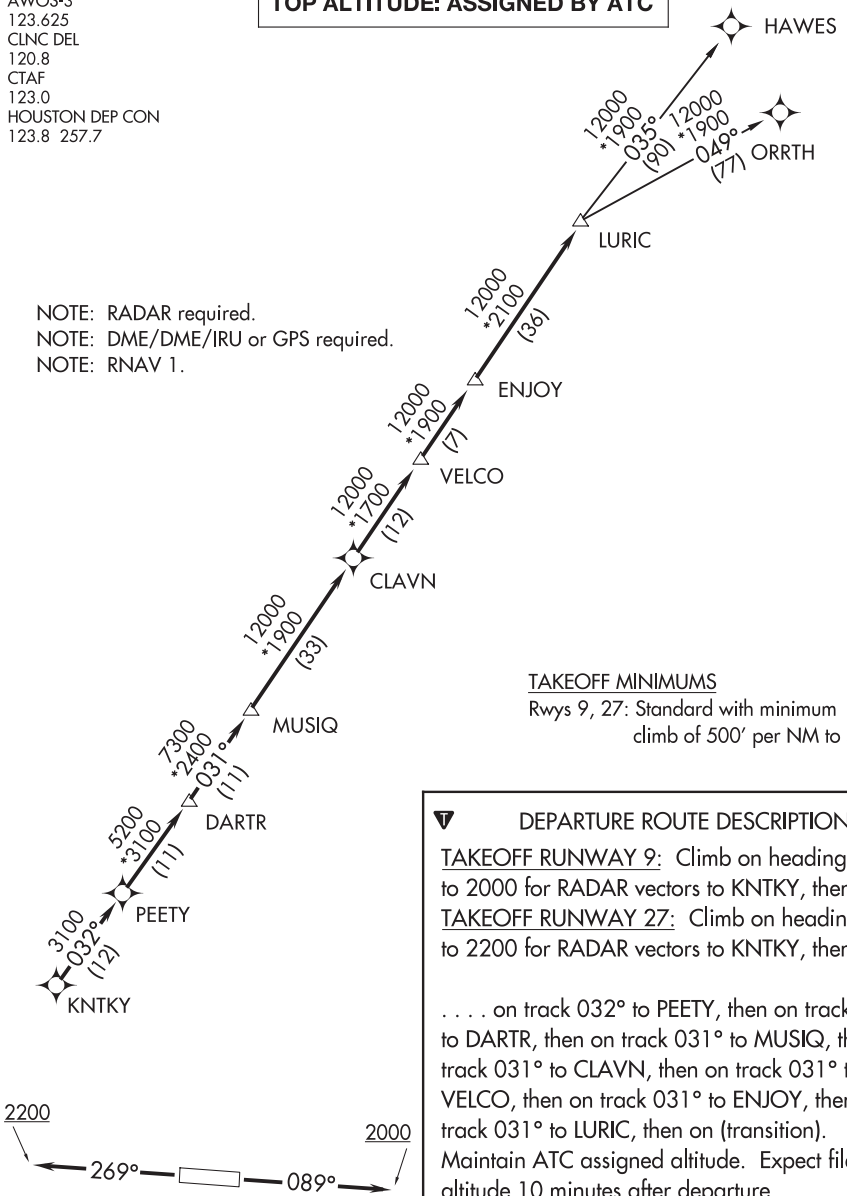
LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

LURIC EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7

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



TAKEOFF MINIMUMS
Rwys 9, 27: Standard with minimum climb of 500′ per NM to 580.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

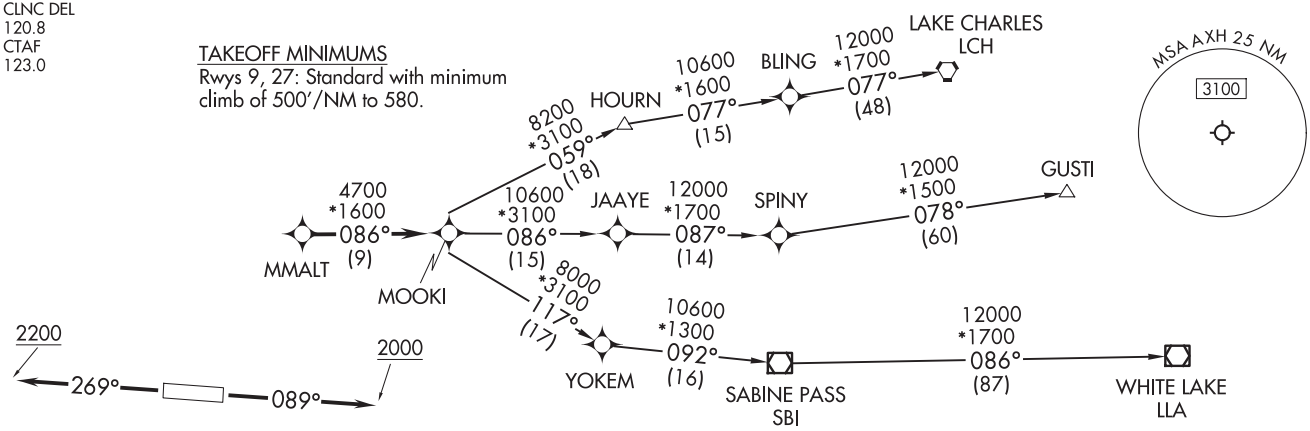
NOTE: Chart not to scale.

HOUSTON DEP CON
123.8 257.7
AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0

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

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 9, 27: Standard with minimum climb of 500'/NM to 580.



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.

N

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

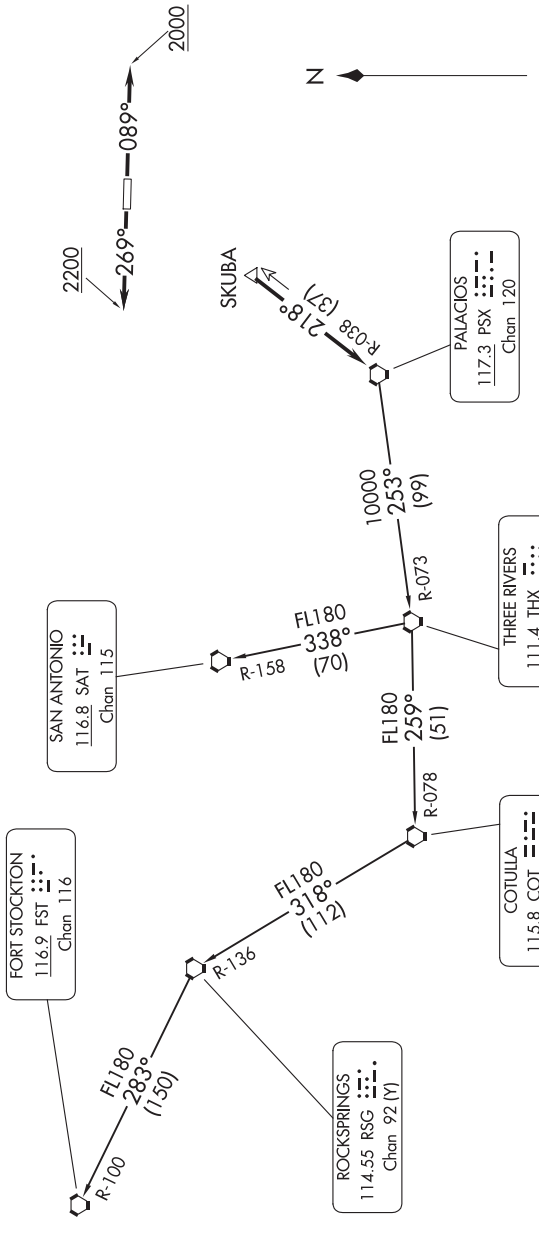
GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

PALACIOS THREE DEPARTURE

TOP ALTITUDE: ASSIGNED BY ATC

RADAR and DME required.

TAKEOFF MINIMUMS
Rwys 9, 27: Standard.



AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

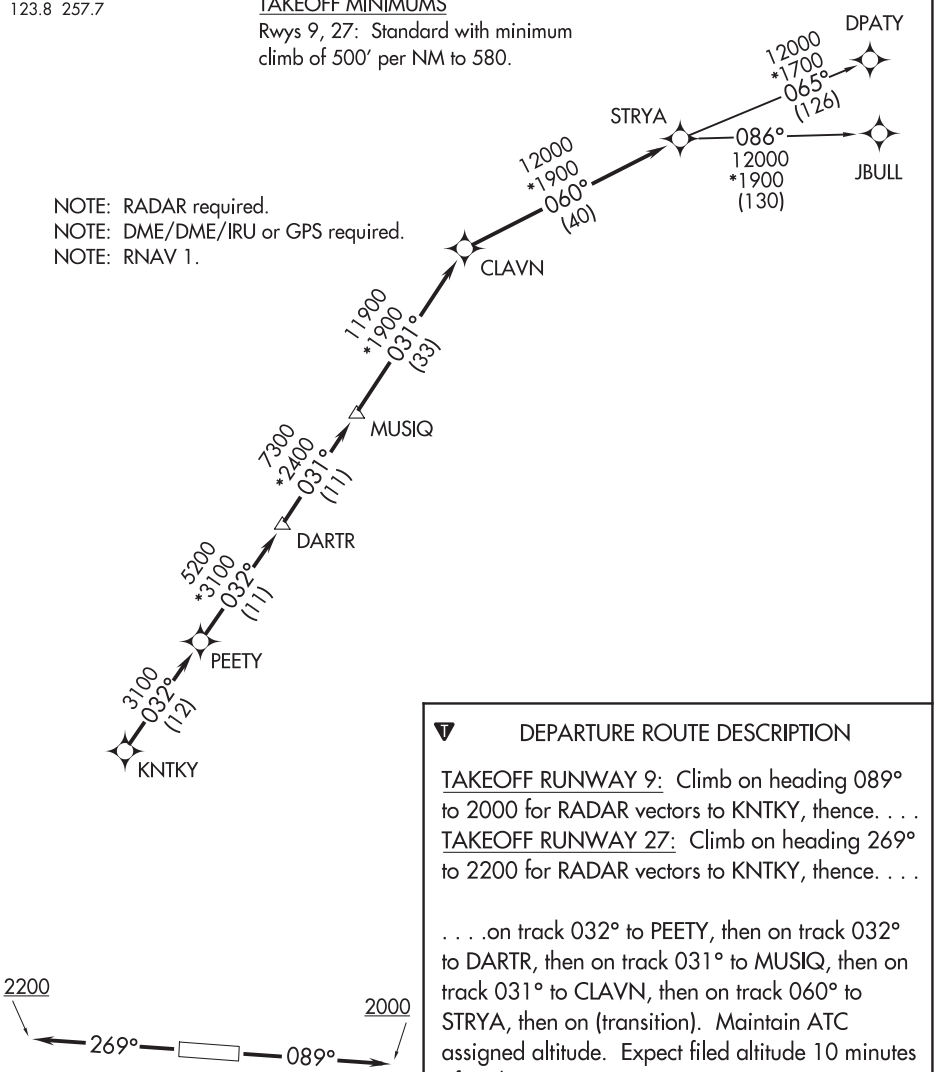
STRYA EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
123.625
CTAF
123.0
CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7

TAKEOFF MINIMUMS
Rwys 9, 27: Standard with minimum climb of 500′ per NM to 580.

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



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 for RADAR vectors to KNTKY, thence. . . .

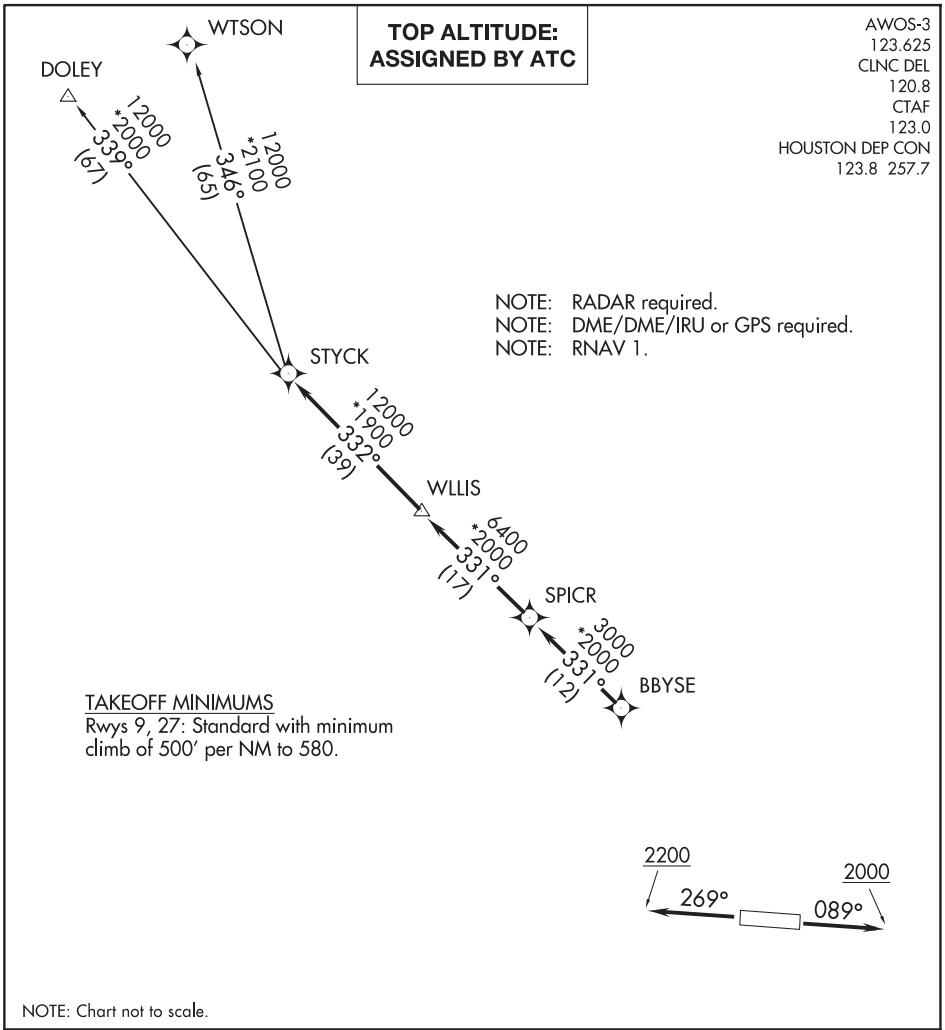
. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

(STYCK8.STYCK) 21336 AL-6575 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

HOUSTON/SOUTHWEST (AXH)
HOUSTON, TEXAS



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

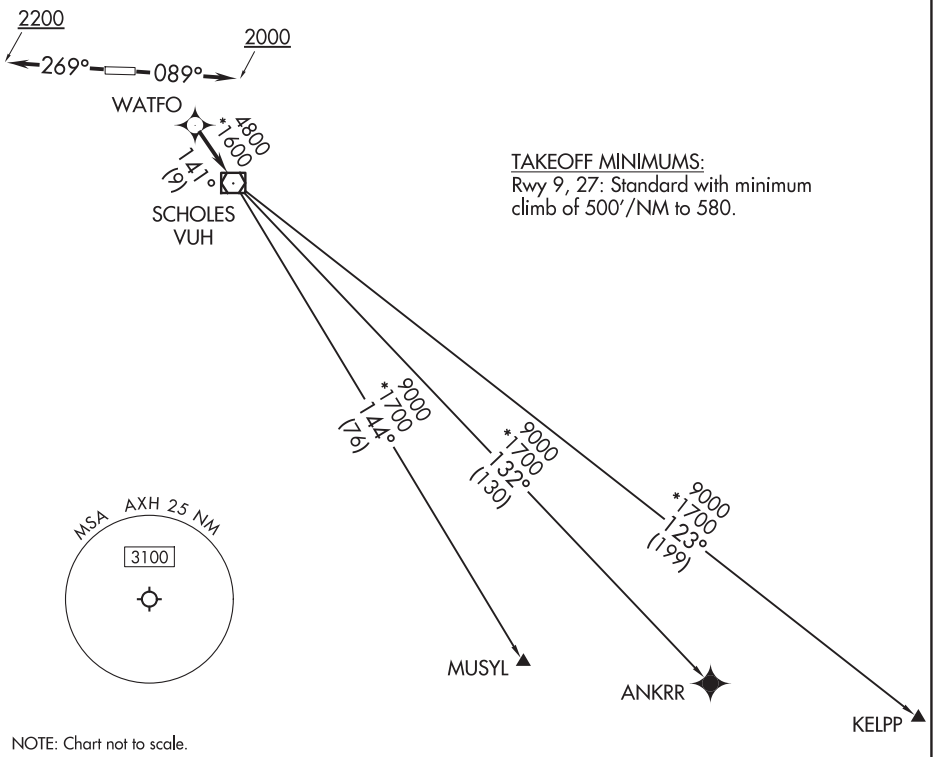
SC-5, 12 JUN 2025 to 07 AUG 2025

WATFO SIX DEPARTURE (RNAV)

AWOS-3
123.625
CTAF
123.0
CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7

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

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

(WYLSN8.WYLSN) 21336 AL-6575 (FAA)

HOUSTON/SOUTHWEST (AXH)

WYLSN EIGHT DEPARTURE (RNAV)

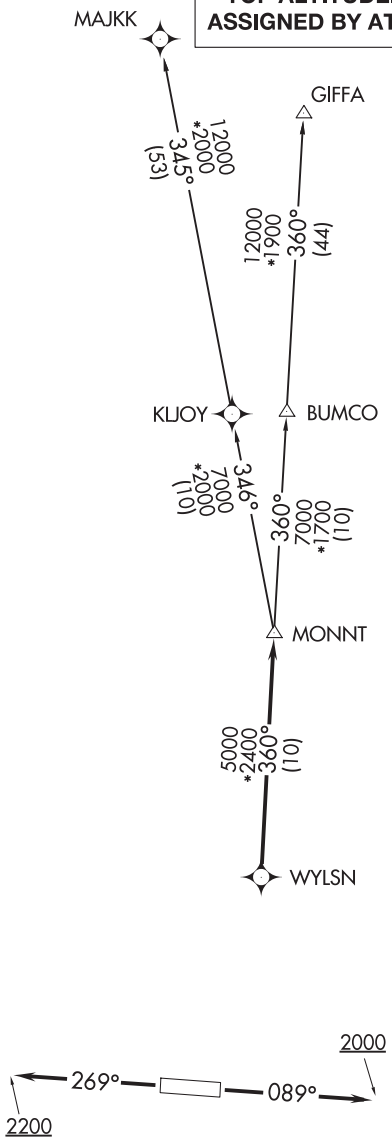
HOUSTON, TEXAS

AWOS-3
123.625
CLNC DEL
120.8
CTAF
123.0
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

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

TAKEOFF MINIMUMS
Rwy 9, 27: Standard with minimum climb of 500′ per NM to 580.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 089° to 2000 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 27: Climb on heading 269° to 2200 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

WYLSN EIGHT DEPARTURE (RNAV)
HOUSTON, TEXAS
(WYLSN8.WYLSN) 07OCT21
HOUSTON/SOUTHWEST (AXH)

RNAV (GPS) RWY 32

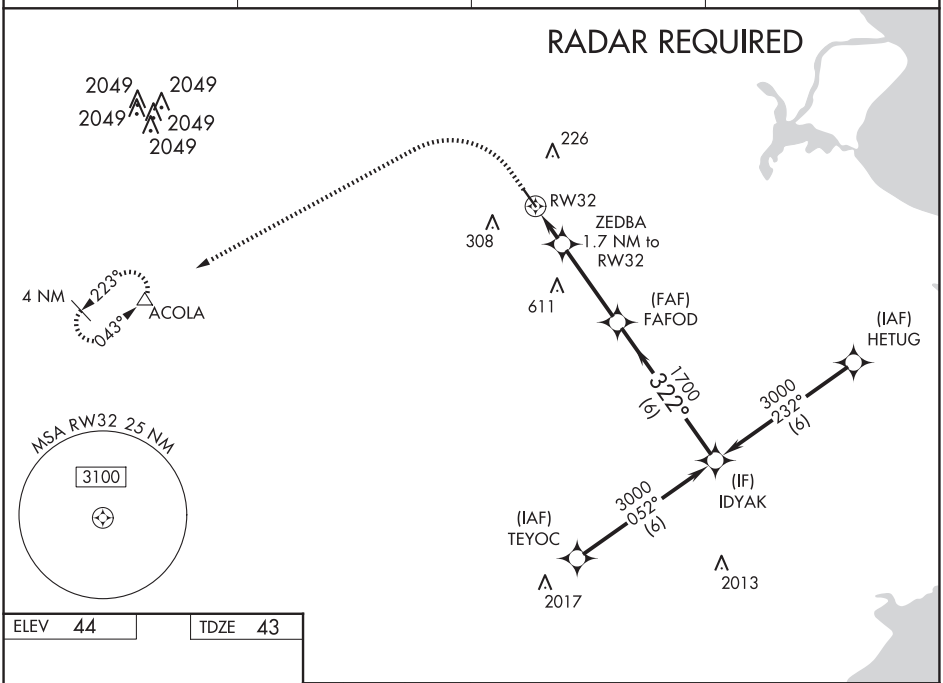
PEARLAND RGNL (LVJ)

WAAS CH 93621 W32A	APP CRS 322°	Rwy ldg 4313 TDZE 43 Apt Elev 44

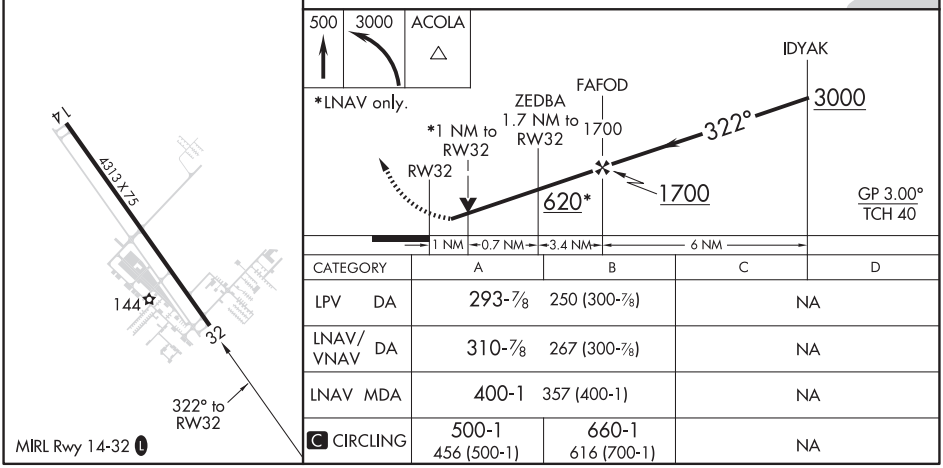
Circling to Rwy 14 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1°C (31°F) or above 54°C (130°F). When local altimeter setting not received, use William P Hobby altimeter setting and increase all DA 18 feet and all MDA 20 feet, increase LNAV/VNAV visibilities all Cats ⅛ mile. VDP and Baro-VNAV NA when using William P Hobby altimeter setting. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 direct ACOLA and hold.

ASOS	HOUSTON APP CON	CLNC DEL	UNICOM
118.525	134.45 284.0	124.0	122.725 (CTAF) L



ELEV 44	TDZE 43



CATEGORY	A	B	C	D
LPV DA	293-⅞	250 (300-⅞)	NA	
LNAV/VNAV DA	310-⅞	267 (300-⅞)	NA	
LNAV MDA	400-1	357 (400-1)	NA	
C CIRCLING	500-1 456 (500-1)	660-1 616 (700-1)	NA	

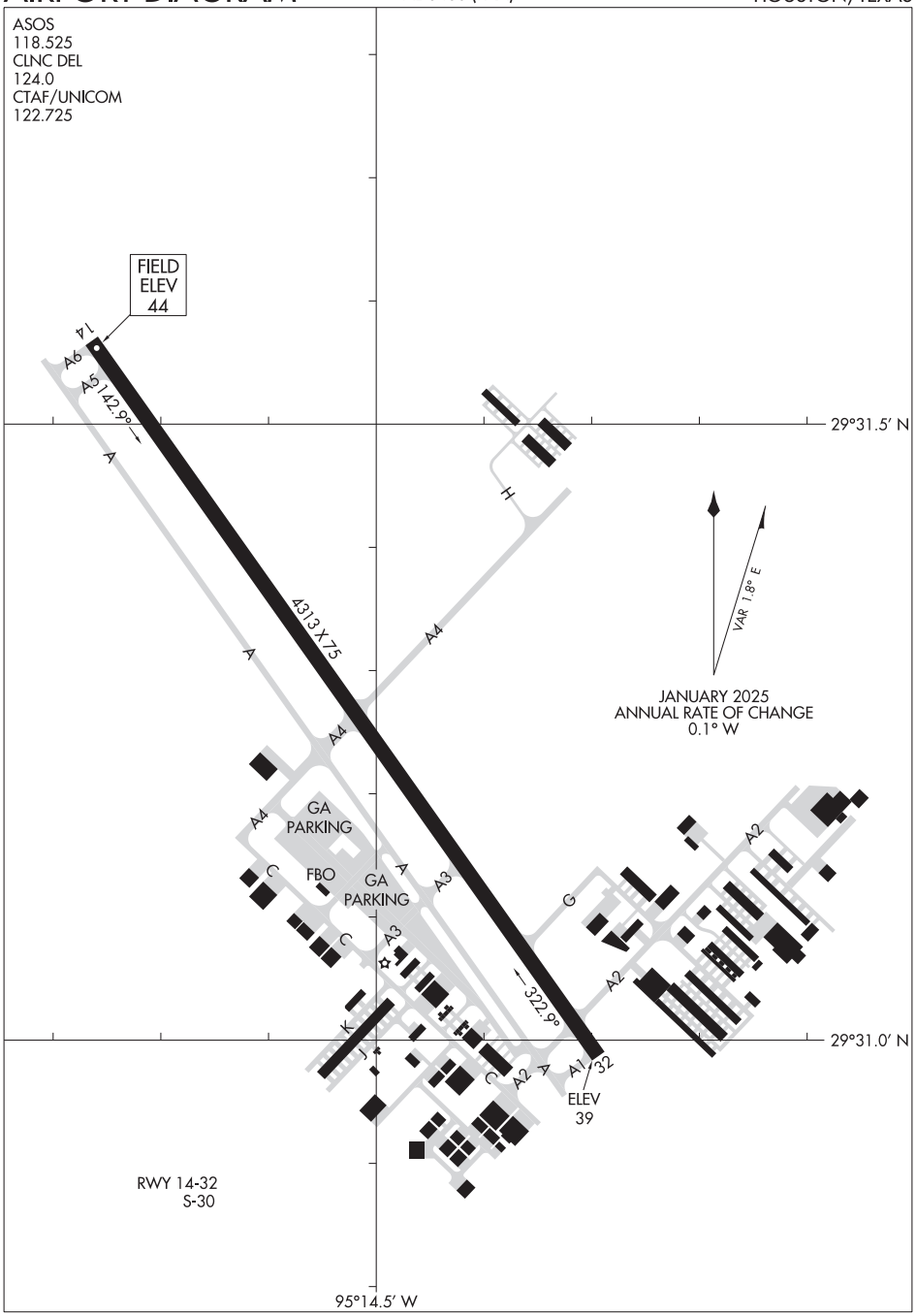
SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-6460 (FAA)

PEARLAND RGNL (LVJ)
HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

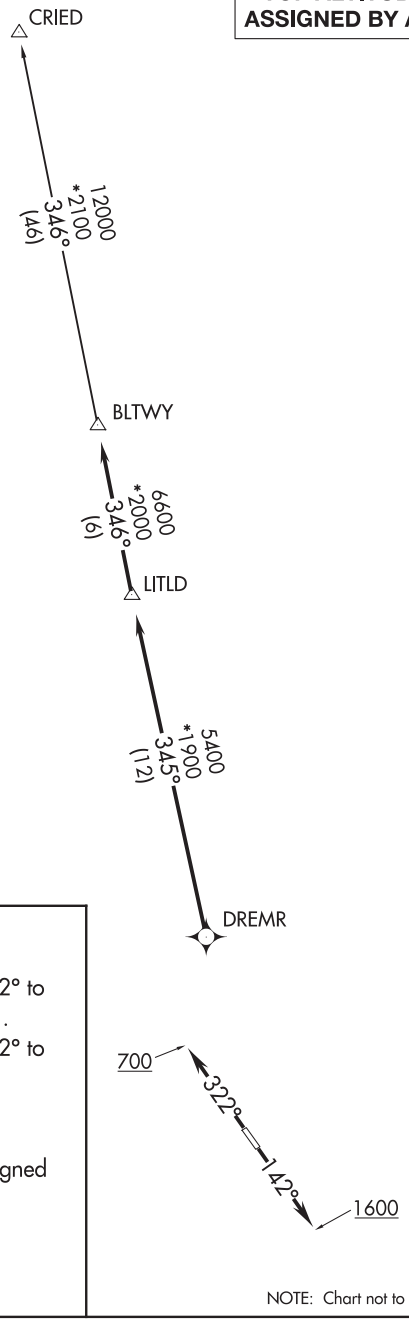
AIRPORT DIAGRAM
25107
HOUSTON, TEXAS
PEARLAND RGNL (LVJ)

BLTWY SEVEN DEPARTURE (RNAV)

PEARLAND RGNL (LVJ)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
118.525
CLNC DEL
124.0
CTAF
122.725
HOUSTON DEP CON
134.45 284.0



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 560.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 700 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

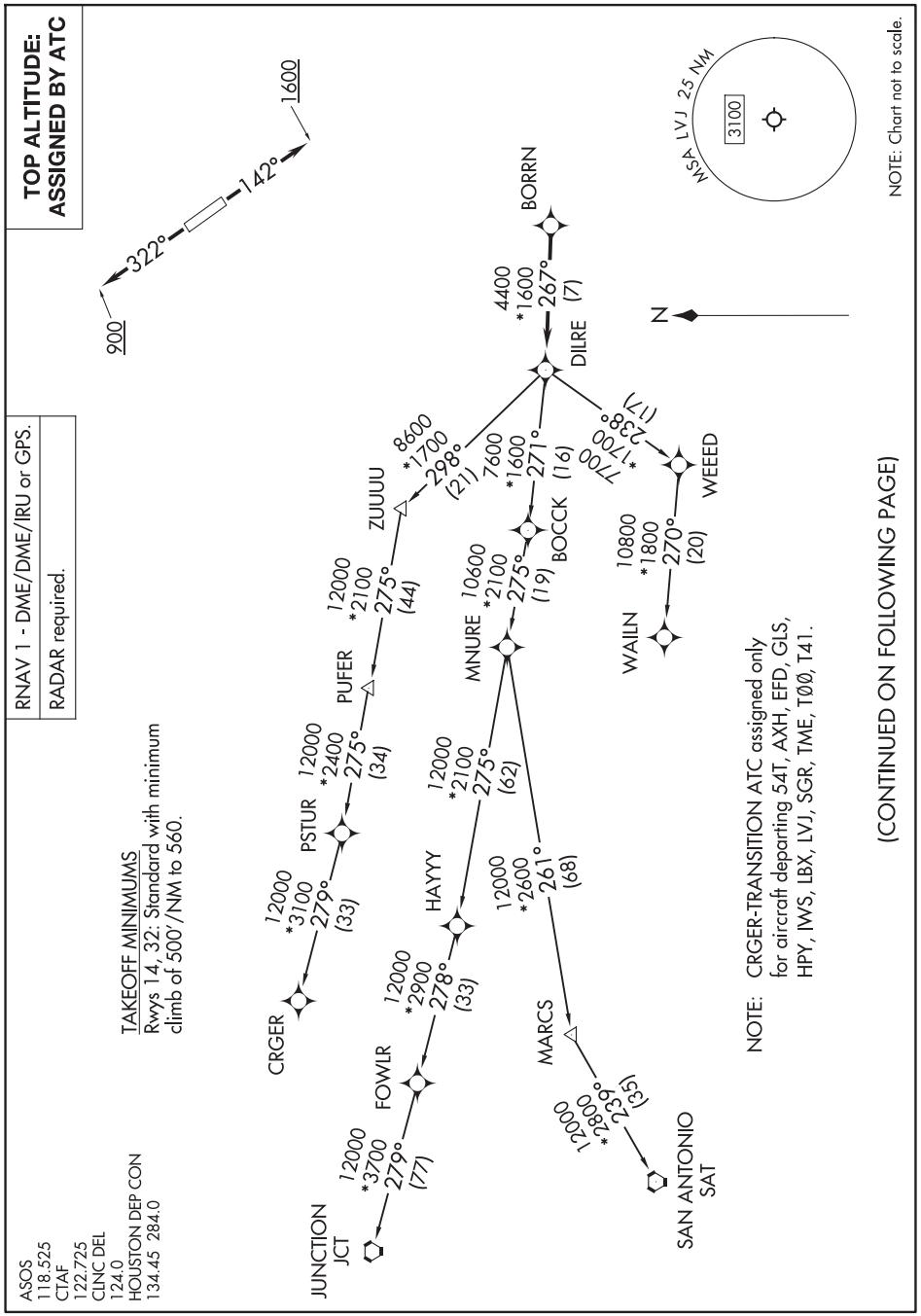
CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

(BORRN6.BORRN) 25051 AL-6460 (FAA) PEARLAND RGNL (LVJ)

BORRN SIX DEPARTURE (RNAV)

HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

(BORRN6.BORRN) 30NOV23 HOUSTON, TEXAS PEARLAND RGNL (LVJ)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 900, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

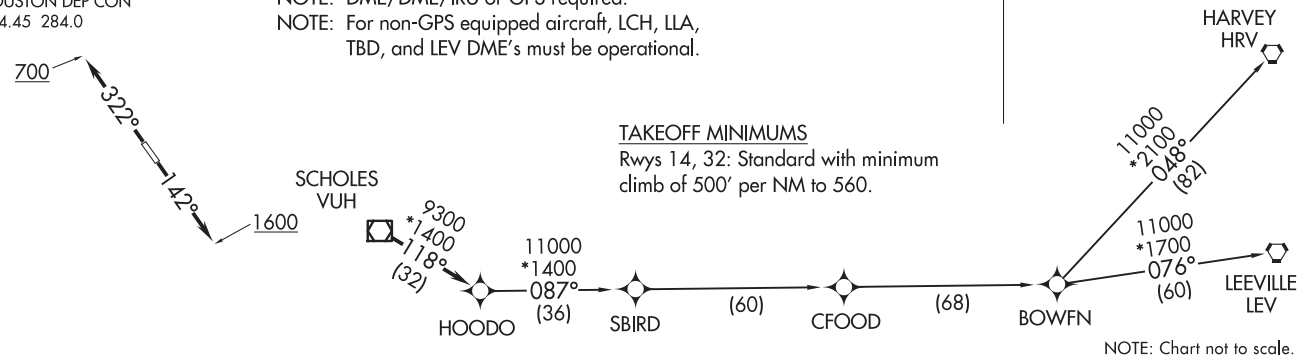
CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
118.525
CLNC DEL
124.0
CTAF
122.725
HOUSTON DEP CON
134.45 284.0

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.



TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500' per NM to 560.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 700, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

INDIE EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
118.525
CLNC DEL
124.0
CTAF
122.725
HOUSTON DEP CON
134.45 284.0

TPAKK
12000
*2100
028°
(105)
INDIE
12000
*2400
(23)
WWELL
10700
*3100
026°
(39)
SUSHI
6800
*3100
025°
(10)
COLET
4900
*3100
016°
(10)
RENNK

700
322°
142°
1600

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 560.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 700 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition).
Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

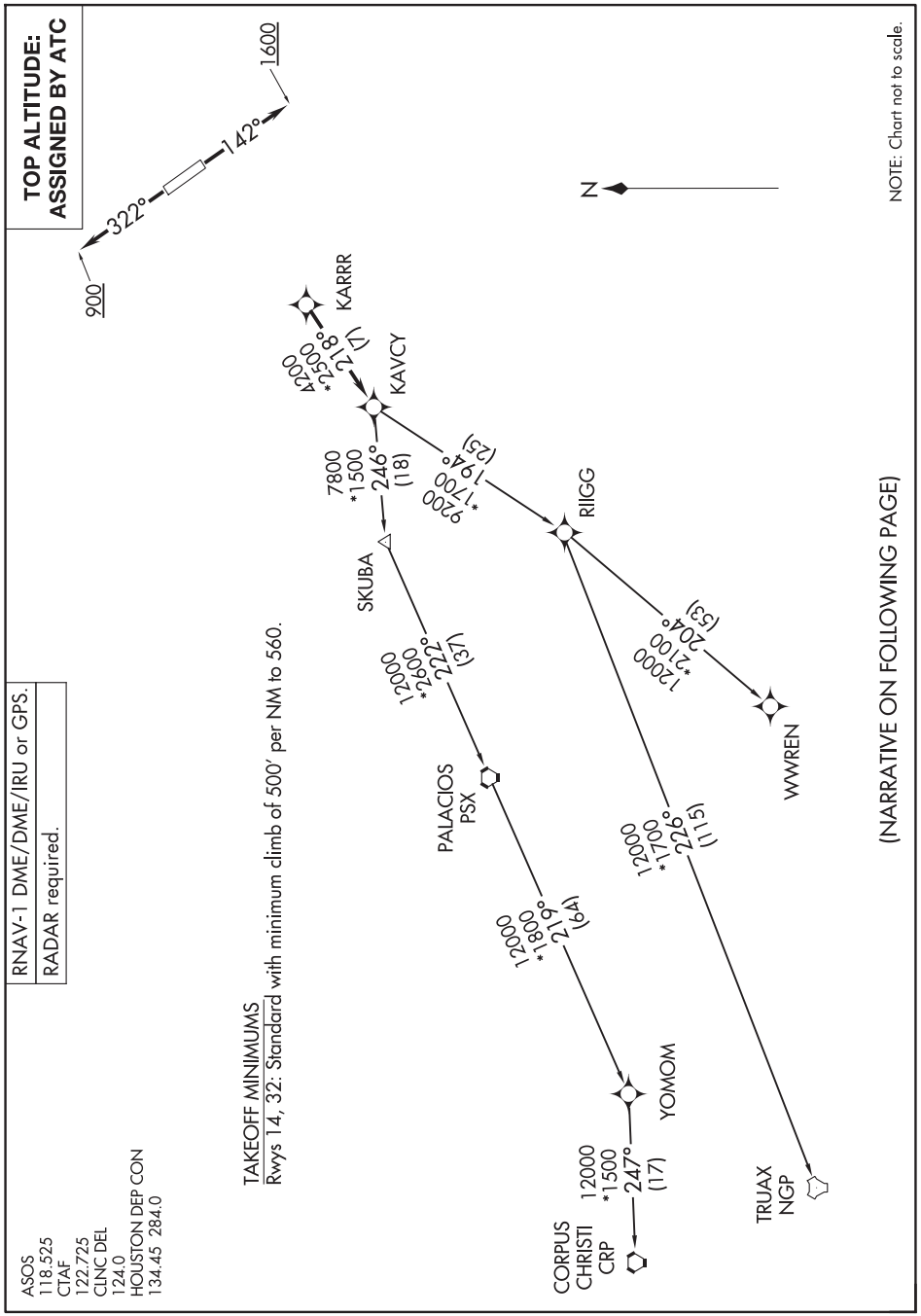
TPAKK TRANSITION (INDIE8.TPAKK)

NOTE: Chart not to scale.

(KARRR7.KARRR) 22363 AL-6460 (FAA)

KARRR SEVEN DEPARTURE (RNAV)

PEARLAND RGNL (LVJ)
HOUSTON, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)

(KARRR7.KARRR) 29DEC22

HOUSTON, TEXAS
PEARLAND RGNL (LVJ)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 900, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

(LURIC8.LURIC) 21280 AL-6460 (FAA)

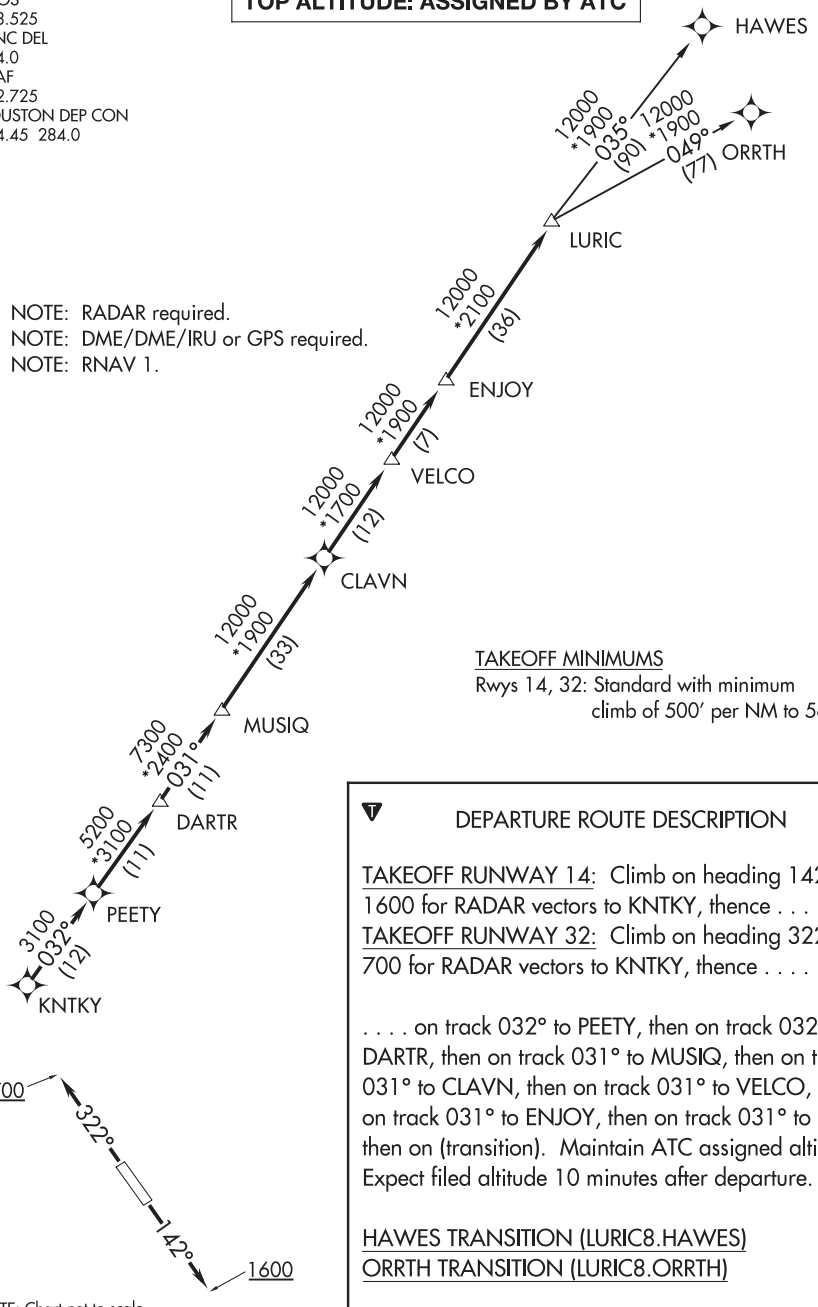
LURIC EIGHT DEPARTURE (RNAV)

PEARLAND RGNL (LVJ)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
118.525
CLNC DEL
124.0
CTAF
122.725
HOUSTON DEP CON
134.45 284.0

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



TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 560.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 700 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

LURIC EIGHT DEPARTURE (RNAV)
HOUSTON, TEXAS
(LURIC8.LURIC) 07OCT21
PEARLAND RGNL (LVJ)

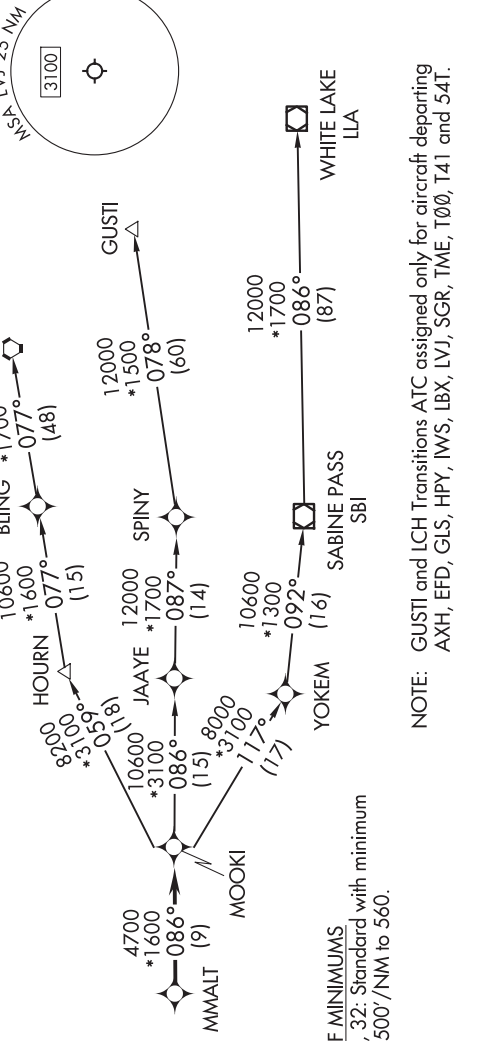
MMALT SEVEN DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

HOUSTON DEP CON
134.45 284.0
ASOS
118.525
CLNC DEL
124.0
CTAF
122.725



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41 and 54T.

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500'/NM to 560.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 900, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

NOTE: Chart not to scale.

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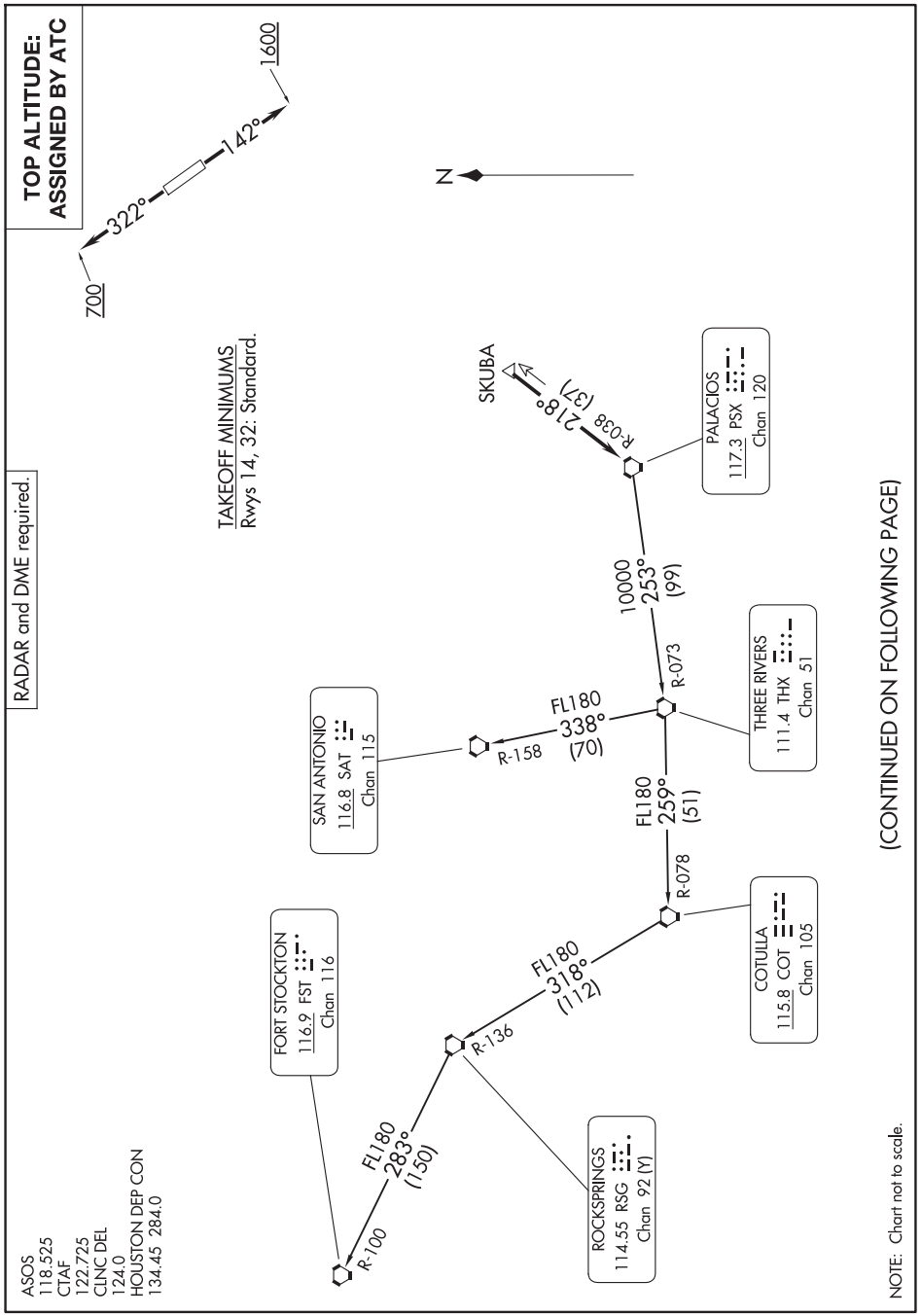
SC-5, 12 JUN 2025 to 07 AUG 2025

(PSX3.PSX) 24137 AL-6460 (FAA)

PALACIOS THREE DEPARTURE

PEARLAND RGNL (LVJ)
HOUSTON, TEXAS



(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS THREE DEPARTURE

(PSX3.PSX) 03NOV22

HOUSTON, TEXAS
PEARLAND RGNL (LVJ)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600 before turning, when entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 700 before turning, when entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(STRYA8.STRYA) 21280 AL-6460 (FAA)

PEARLAND RGNL (LVJ)
HOUSTON, TEXAS

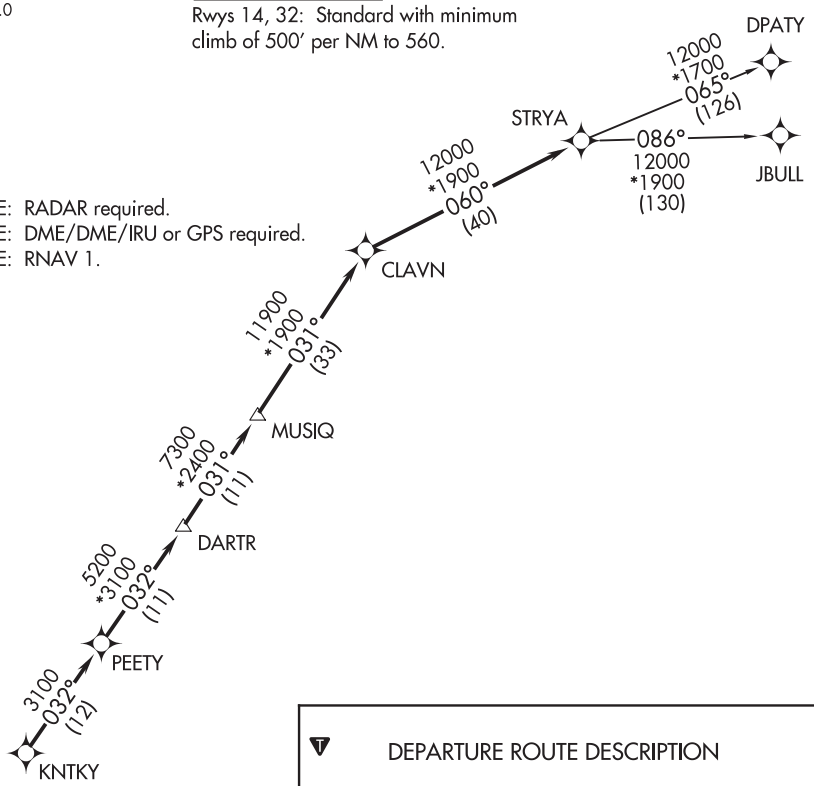
STRYA EIGHT DEPARTURE (RNAV)

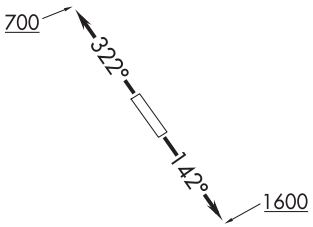
ASOS
118.525
CTAF
122.725
CLNC DEL
124.0
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500' per NM to 560.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

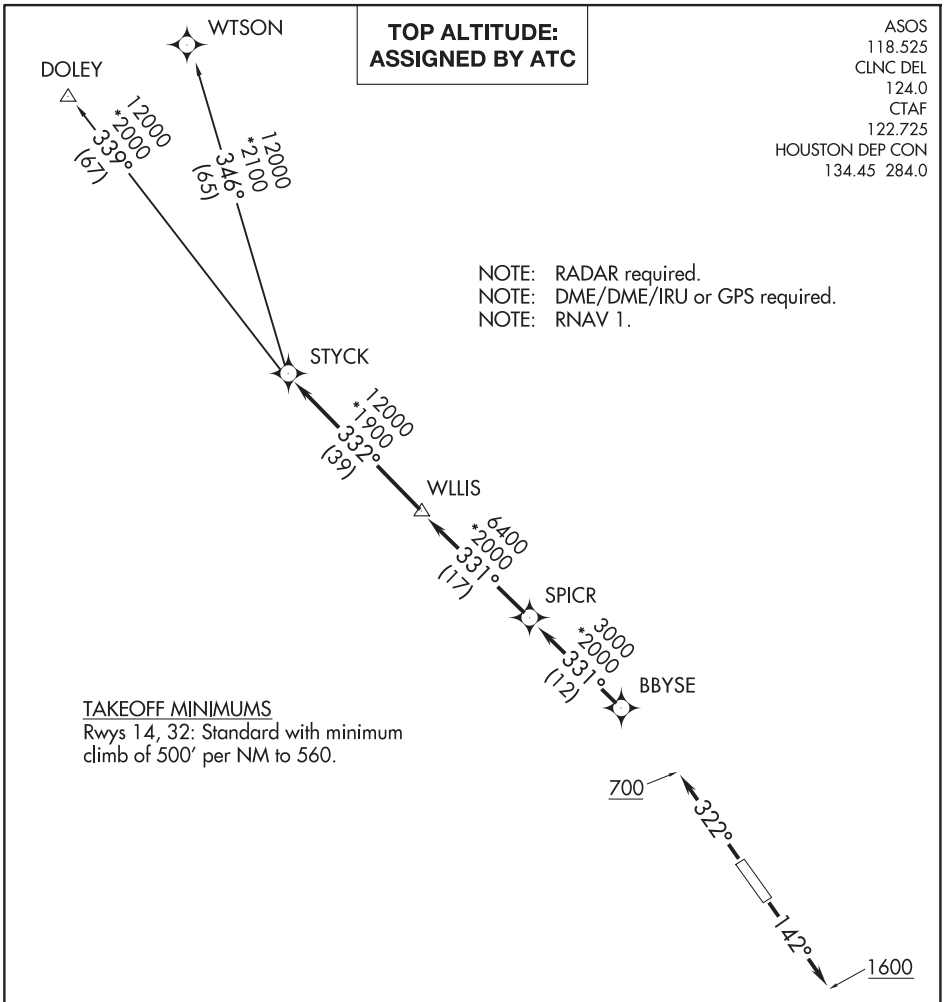
TAKEOFF RUNWAY 14: Climb on heading 142° to 1600 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 700 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025

STYCK EIGHT DEPARTURE (RNAV)



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 700 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(WATFO6.WATFO) 23222 AL-6460 (FAA)

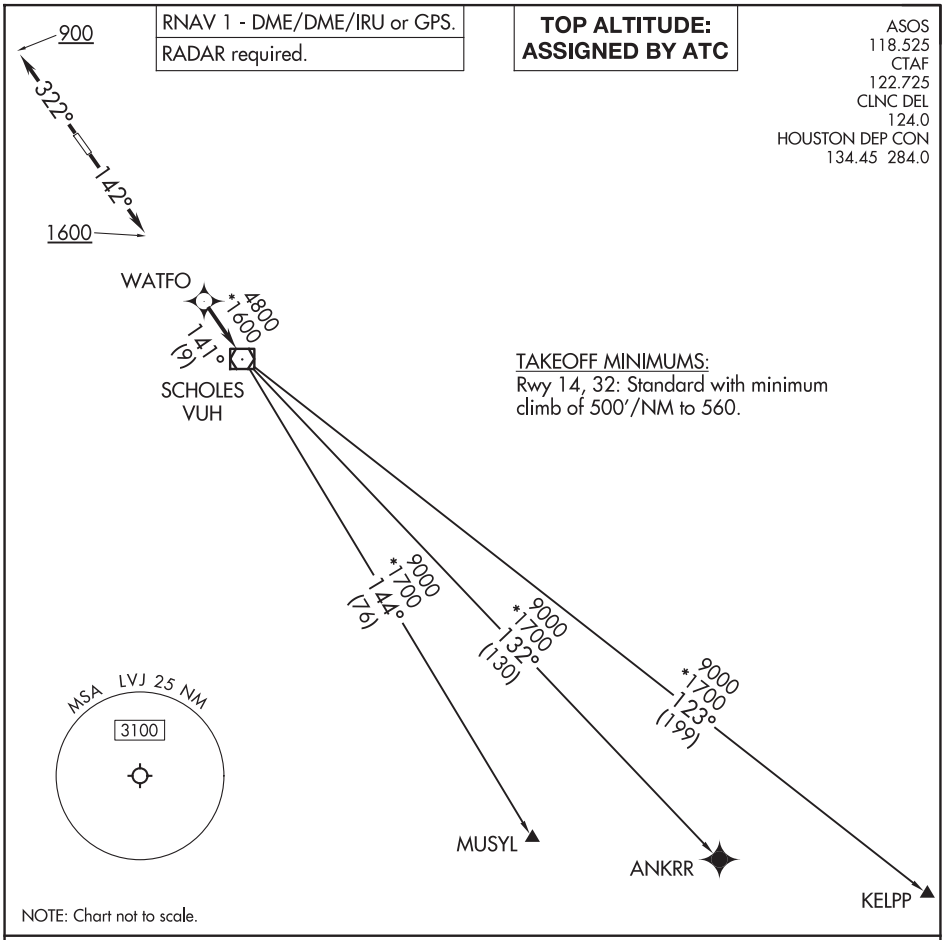
WATFO SIX DEPARTURE (RNAV)

PEARLAND RGNL (LVJ)
HOUSTON, TEXAS

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

TOP ALTITUDE: ASSIGNED BY ATC

ASOS
118.525
CTAF
122.725
CLNC DEL
124.0
HOUSTON DEP CON
134.45 284.0



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 900, for RADAR vectors to WATFO, thence. . . .

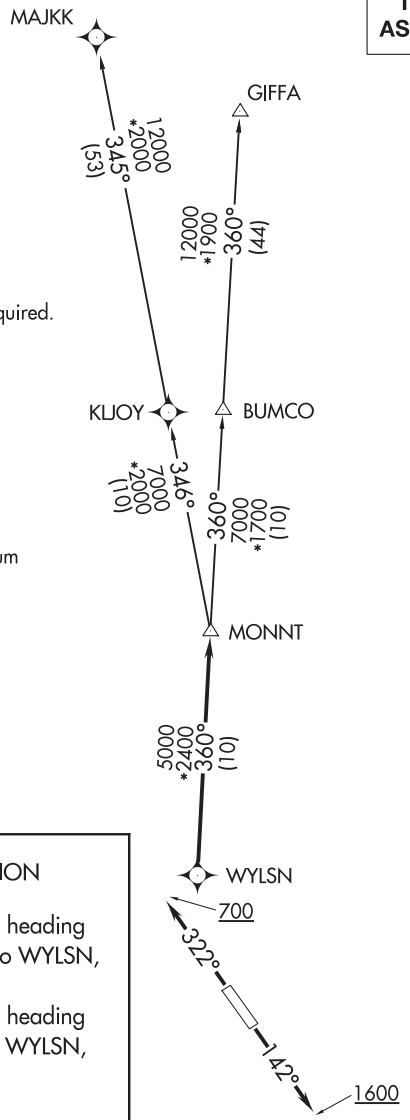
. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

WYLSN EIGHT DEPARTURE (RNAV)

ASOS
118.525
CLNC DEL
124.0
CTAF
122.725
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



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

TAKEOFF MINIMUMS
Rwy 14, 32: Standard with minimum climb of 500′ per NM to 560.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 142° to 1600 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 322° to 700 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

HOUSTON, TEXAS

AL-5537 (FAA)

25051

ILS or LOC RWY 35
SUGAR LAND RGNL (SGR)

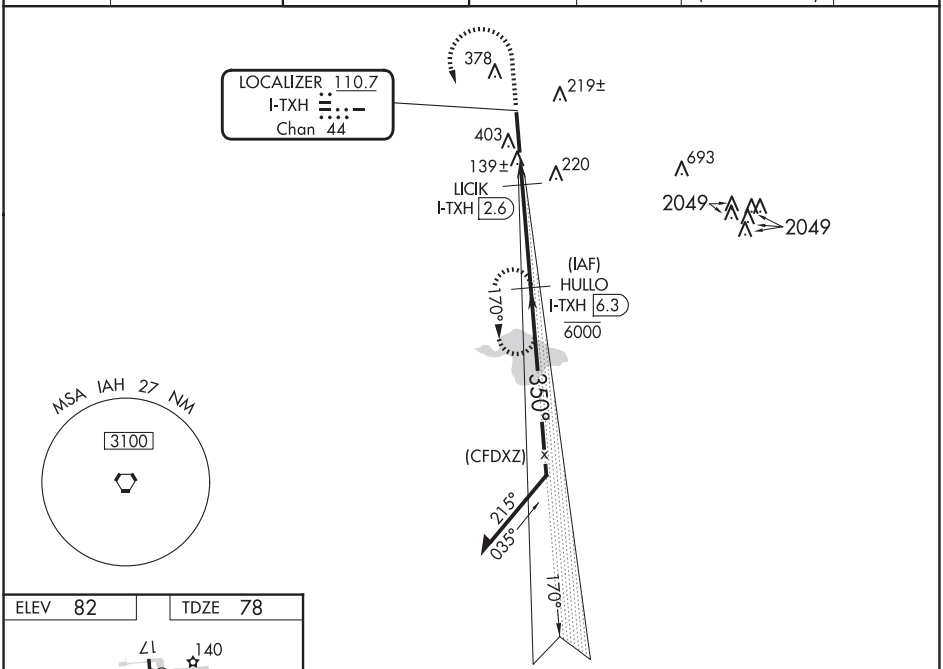
LOC/DME I-TXH	APP CRS	Rwy ldg	6016
110.7	350°	TDZE	78
Chan 44		Apt Elev	82

DME required.
RADAR required for procedure entry.

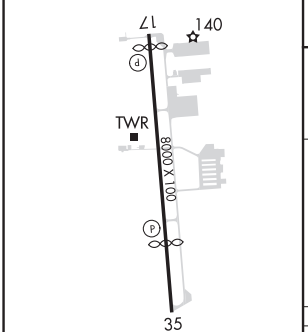
T A VDP NA when using William P Hobby altimeter setting. When local altimeter setting not received, use William P Hobby altimeter setting and increase all DA 51 feet and all MDA 60 feet and S-LOC 35 Cat C/D visibility ⅛ mile, and Circling Cat C/D visibility ¼ mile.

MISSED APPROACH: Climb to 900 then climbing left turn to 2000 on I-TXH localizer south course to HULLO/I-TXH 6.3 DME and hold.

ATIS	HOUSTON APP CON	SUGAR LAND TOWER*	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
118.125	123.8 257.7	118.65 (CTAF) L	121.4	121.4	119.25	122.95

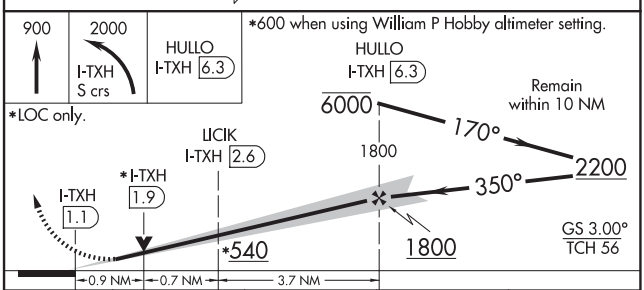


ELEV 82	TDZE 78



REIL Rwys 17 and 35 L
HIRL Rwy 17-35 L

FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44



CATEGORY	A	B	C	D
S-ILS 35	278-¾ 200 (200-¾)			
S-LOC 35	400-1 322 (400-1)			
C CIRCLING	720-1 638 (700-1)		720-1¾ 638 (700-1¾)	720-2 638 (700-2)

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HOUSTON, TEXAS
Amdt 5 20JUN19

29°37′N-95°39′W

SUGAR LAND RGNL (SGR)
ILS or LOC RWY 35

WAAS CH 82513 W17A	APP CRS 170°	Rwy ldg 7620 TDZE 81 Apt Elev 81

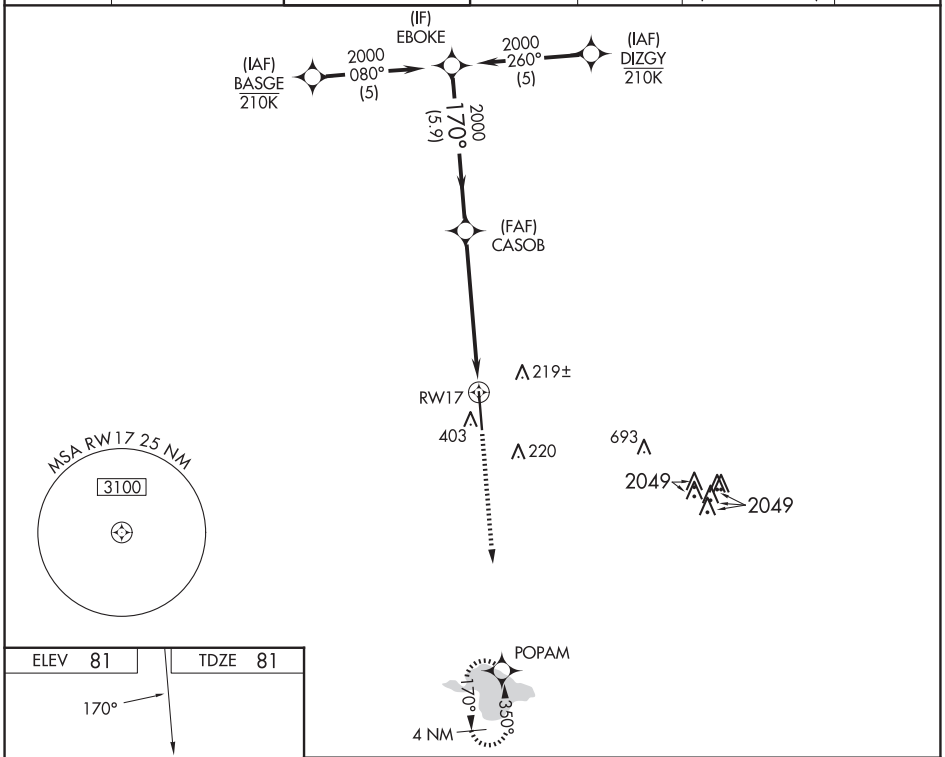
RNAV (GPS) RWY 17
SUGAR LAND RGNL (SGR)

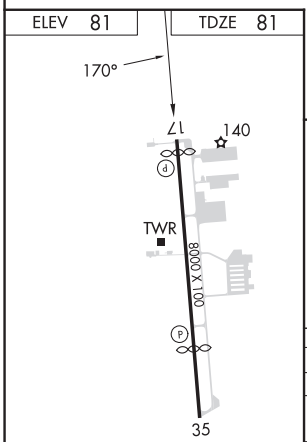
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C or above 54°C. Rwy 17 helicopter visibility reduction below ¾ SM NA.

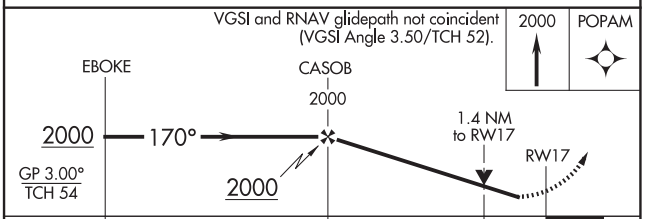
MISSED APPROACH: Climb to 2000 direct POPAM and hold.

ATIS	HOUSTON APP CON	SUGAR LAND TOWER★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
118.125	123.8 257.7	118.65 (CTAF) L	121.4	121.4	119.25	122.95





REIL Rwys 17 and 35 L
HIRL Rwy 17-35 L



CATEGORY	A	B	C	D
LPV DA	398-1 317 (400-1)			
LNAV/VNAV DA	704-2 623 (700-2)			
LNAV MDA	640-1 559 (600-1)		640-1⅝ 559 (600-1⅝)	
C CIRCLING	720-1 639 (700-1)		720-1¾ 639 (700-1¾)	720-2 639 (700-2)

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SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS | AL-5537 (FAA) | 25051

RNAV (GPS) RWY 35
SUGAR LAND RGNL (SGR)

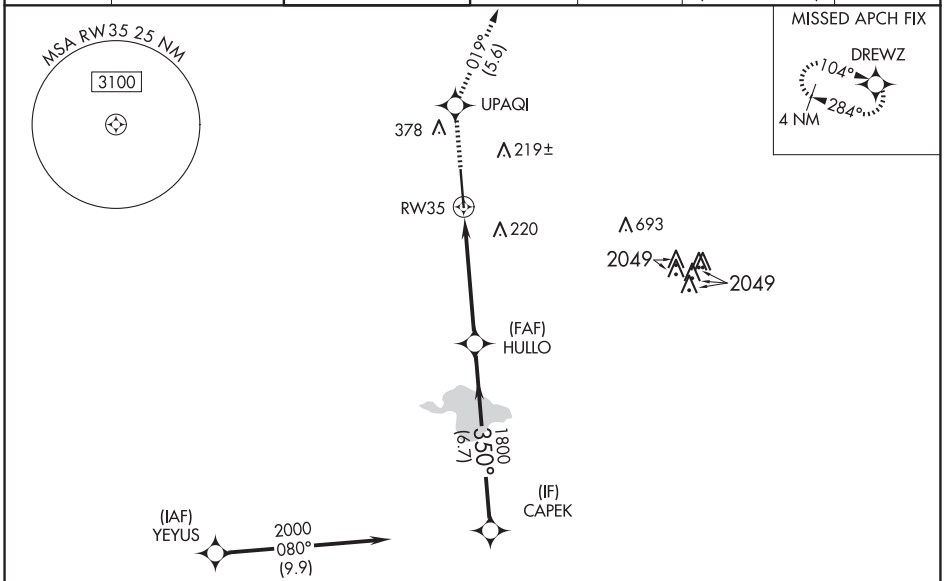
WAAS CH 56219 W35A	APP CRS 350°	Rwy ldg 6016 TDZE 78 Apt Elev 82

RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 43°C (109°F). Baro-VNAV and VDP NA when using William P Hobby altimeter setting. When local altimeter setting not received, use William P Hobby altimeter setting: increase all DA 51 feet; increase all MDA 60 feet and increase LNAV-VNAV all Cats visibility to 1¾, LNAV Cat C/D visibility to 1⅞, and Circling Cat C visibility to 2, Cat D to 2¼. When VGSI inop, Circling Rwy 17 NA at night.

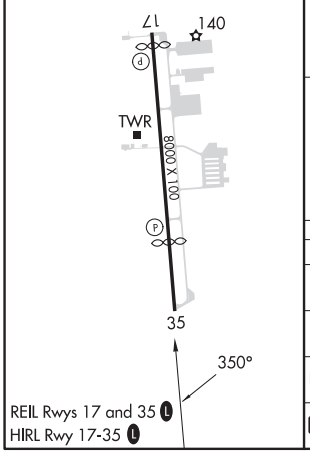
MISSED APPROACH: Climb to 2000 direct UPAQI and on track 019° to DREWZ and hold.

ATIS	HOUSTON APP CON	SUGAR LAND TOWER★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
118.125	123.8 257.7	118.65 (CTAF) L	121.4	121.4	119.25	122.95

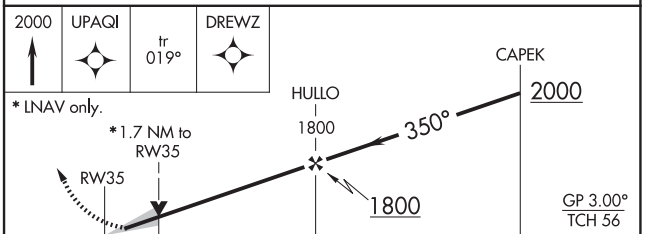


RADAR REQUIRED

ELEV 82 | TDZE 78



REIL Rwys 17 and 35 L
HIRL Rwy 17-35 L



CATEGORY	A	B	C	D
LPV DA	278-¾ 200 (200-¾)			
LNAV/VNAV DA	567-1⅝ 489 (500-1⅝)			
LNAV MDA	660-1 582 (600-1)		660-1¾ 582 (600-1¾)	
C CIRCLING	720-1 638 (700-1)		720-1¾ 638 (700-1¾)	720-2 638 (700-2)

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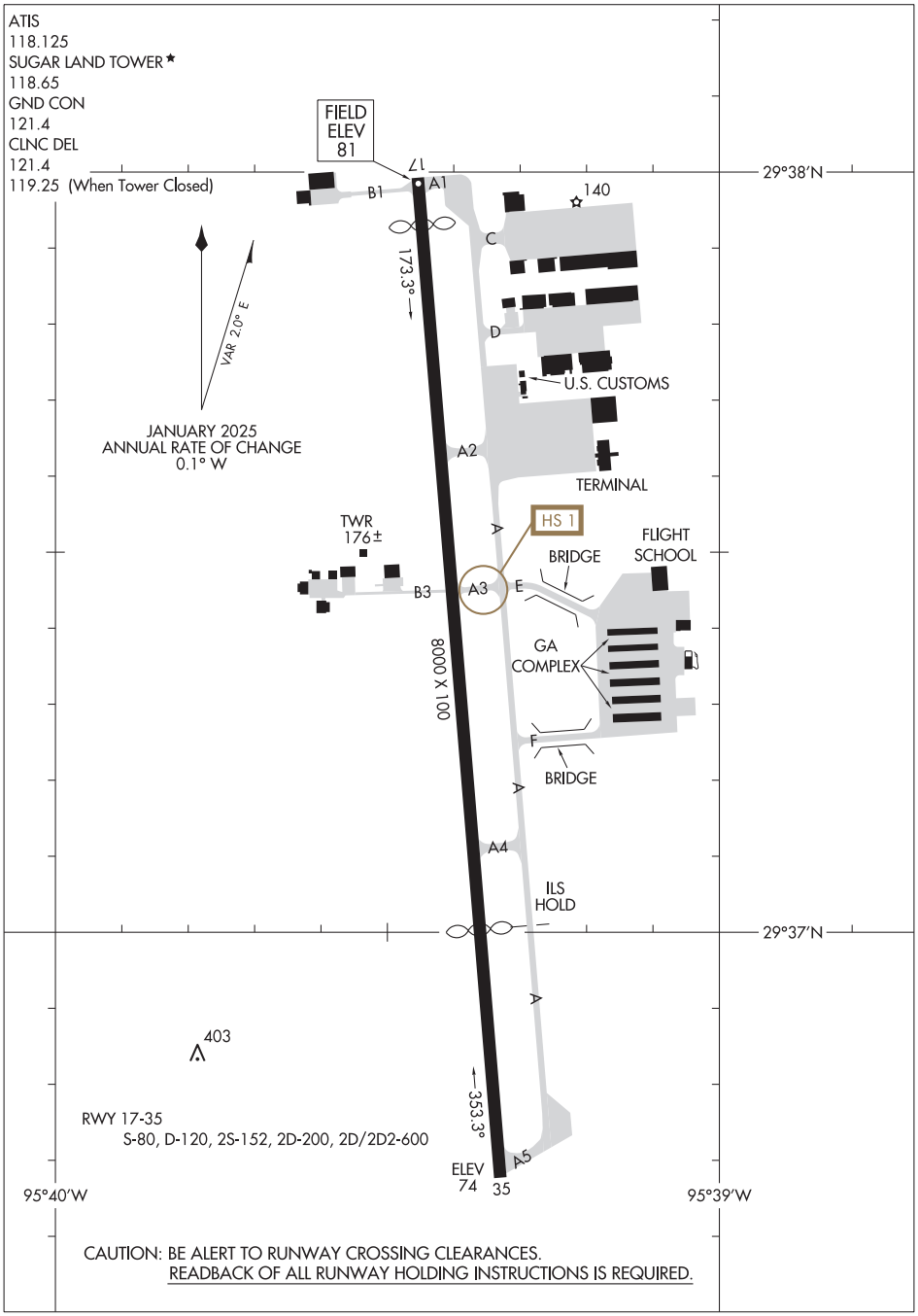

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

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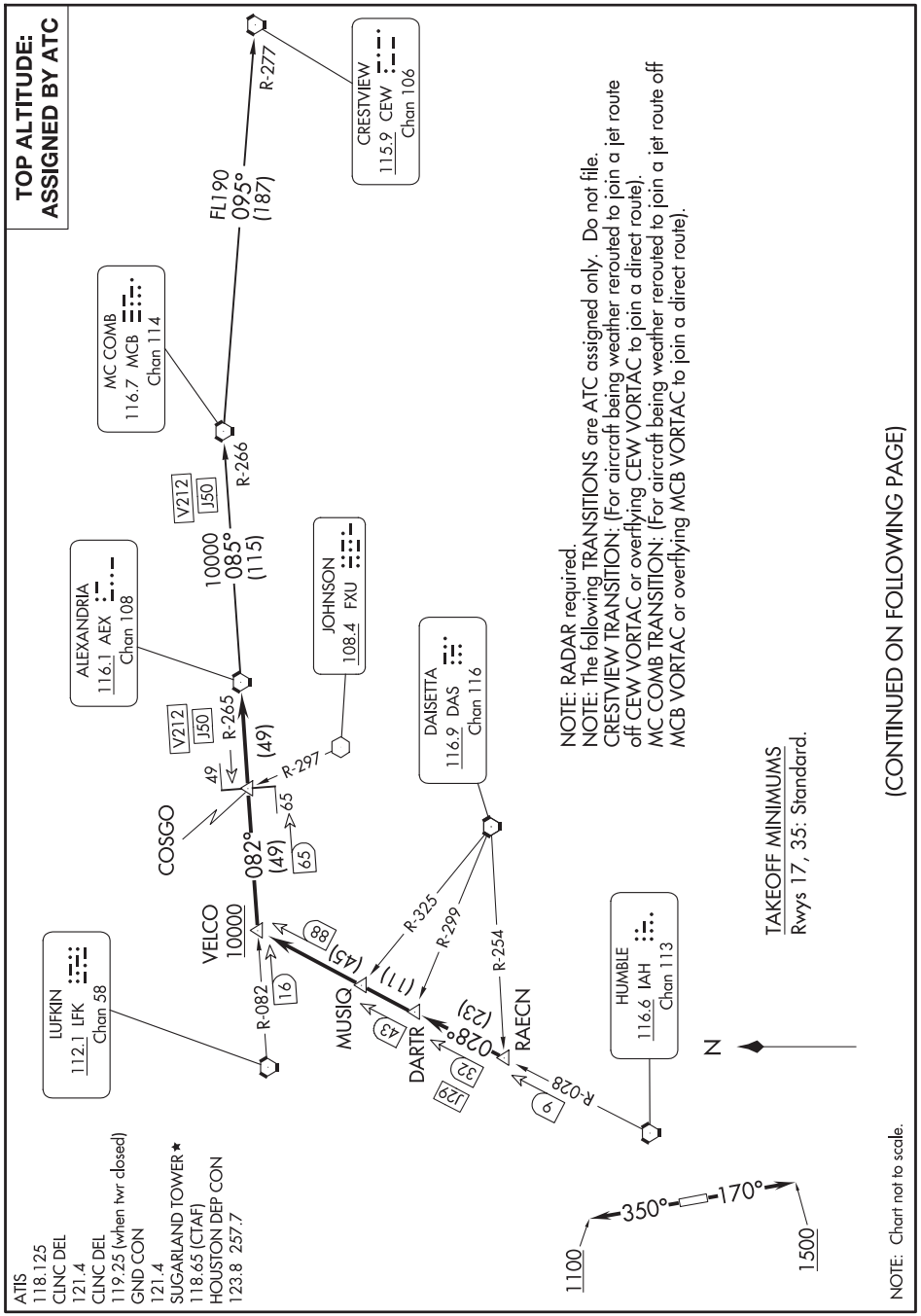
(AEX3.AEX) 25135 AL-5537 (FAA) SUGAR LAND RGNL (SGR)

ALEXANDRIA THREE DEPARTURE

HOUSTON, TEXAS



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SC-5, 12 JUN 2025 to 07 AUG 2025

ALEXANDRIA THREE DEPARTURE

(AEX3.AEX) 07OCT21 HOUSTON, TEXAS SUGAR LAND RGNL (SGR)

ALEXANDRIA THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

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(BLTWY7.BLTWY) 25051

BLTWY SEVEN DEPARTURE (RNAV)

SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

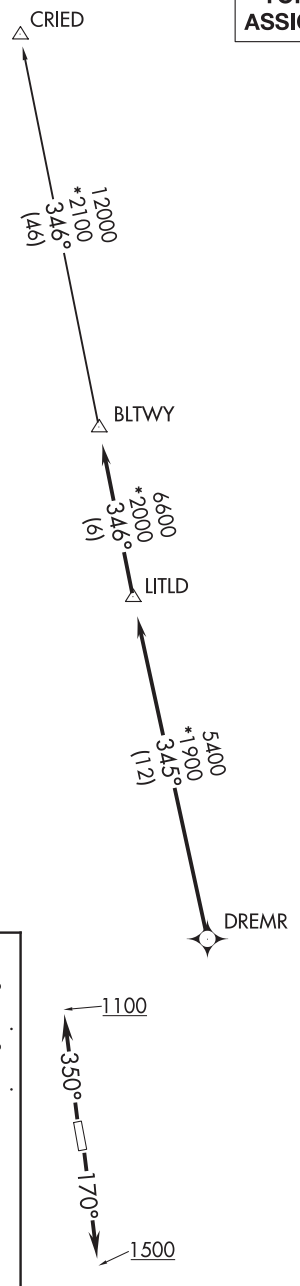
ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGARLAND TOWER★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500′ per NM to 600.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

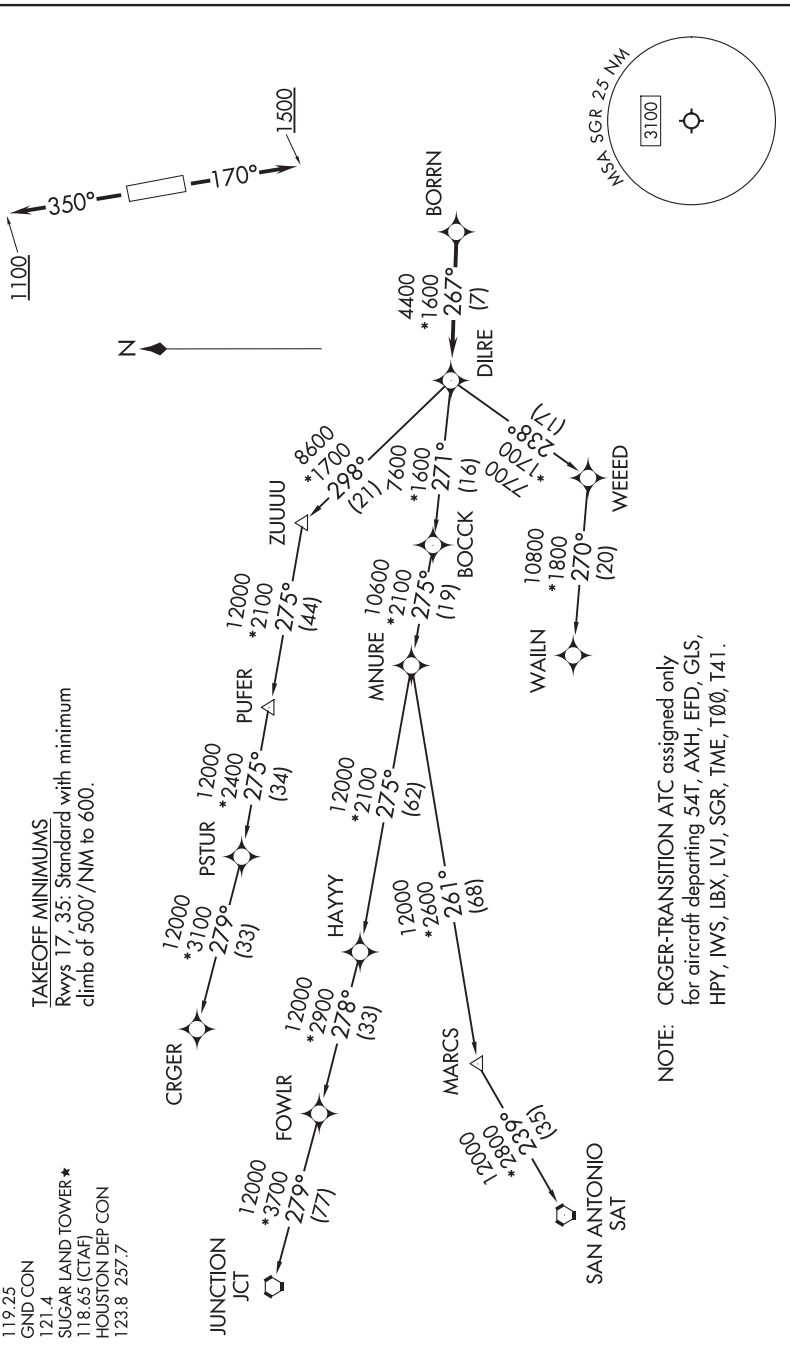
SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

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

TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500'/NM to 600.

ATIS 118.125
CLNC DEL 121.4
CLNC DEL (When twr closed) 119.25
GND CON 121.4
SUGAR LAND TOWER★ 118.65 (CTAF)
HOUSTON DEP CON 123.8 257.7



NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.

(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

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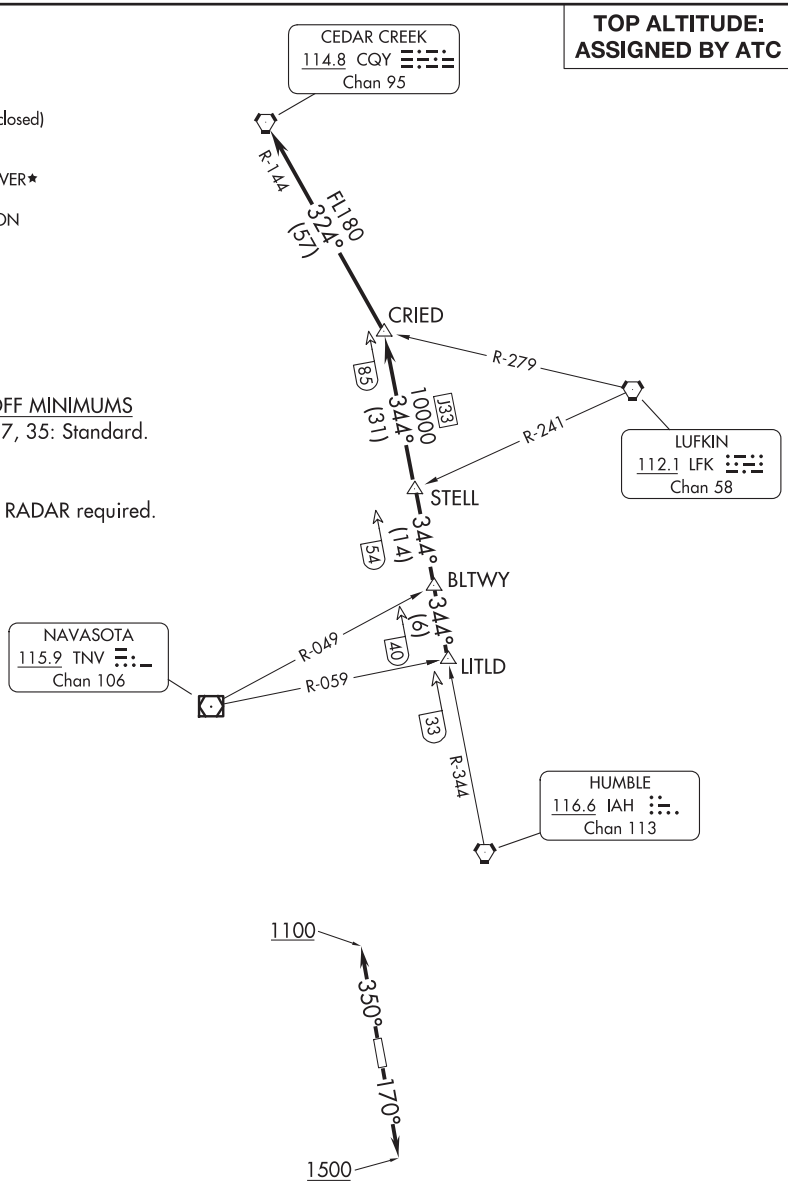
CRIED ONE DEPARTURE

AL-5537 (FAA)

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGAR LAND TOWER★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

NOTE: RADAR required.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

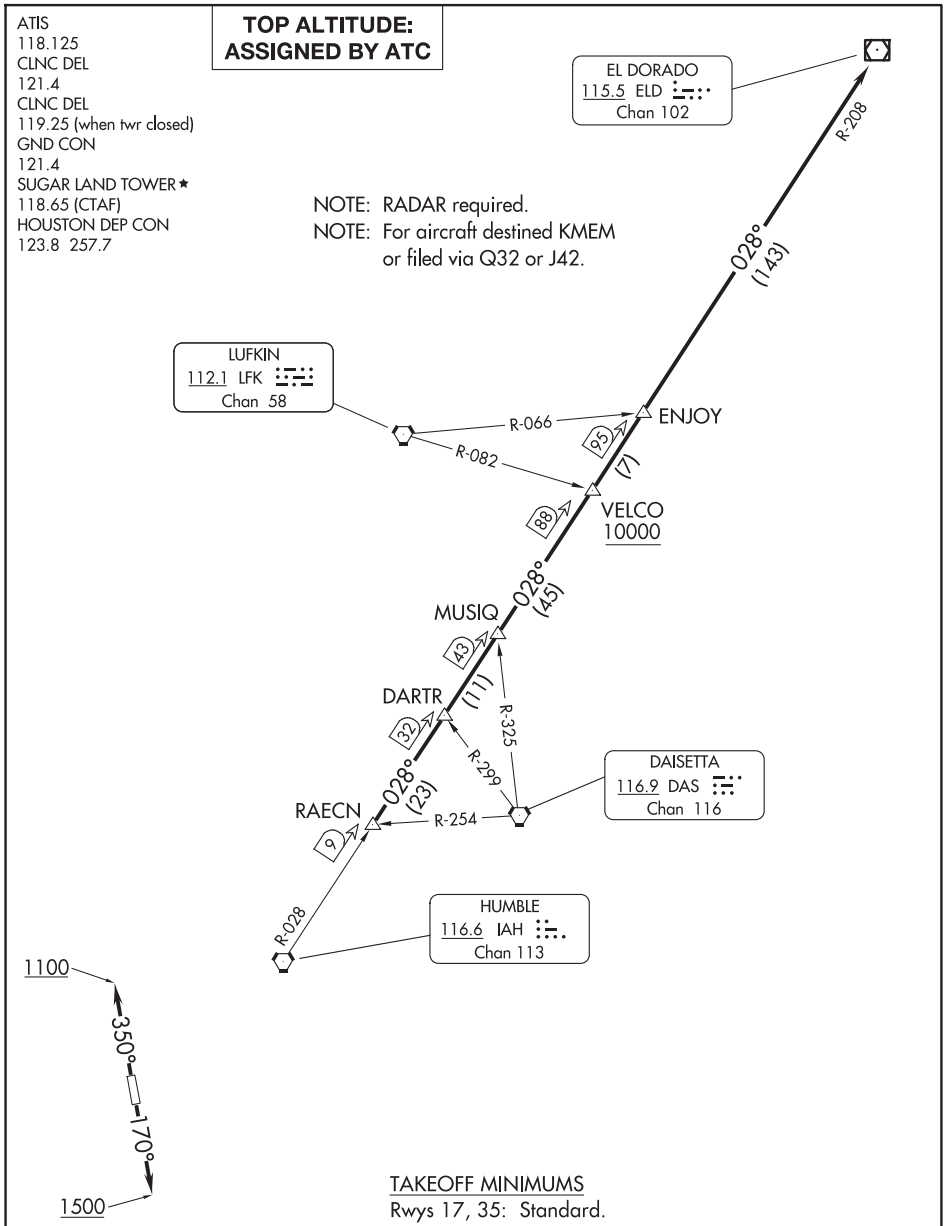
. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

EL DORADO ONE DEPARTURE

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGAR LAND TOWER ★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.



TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

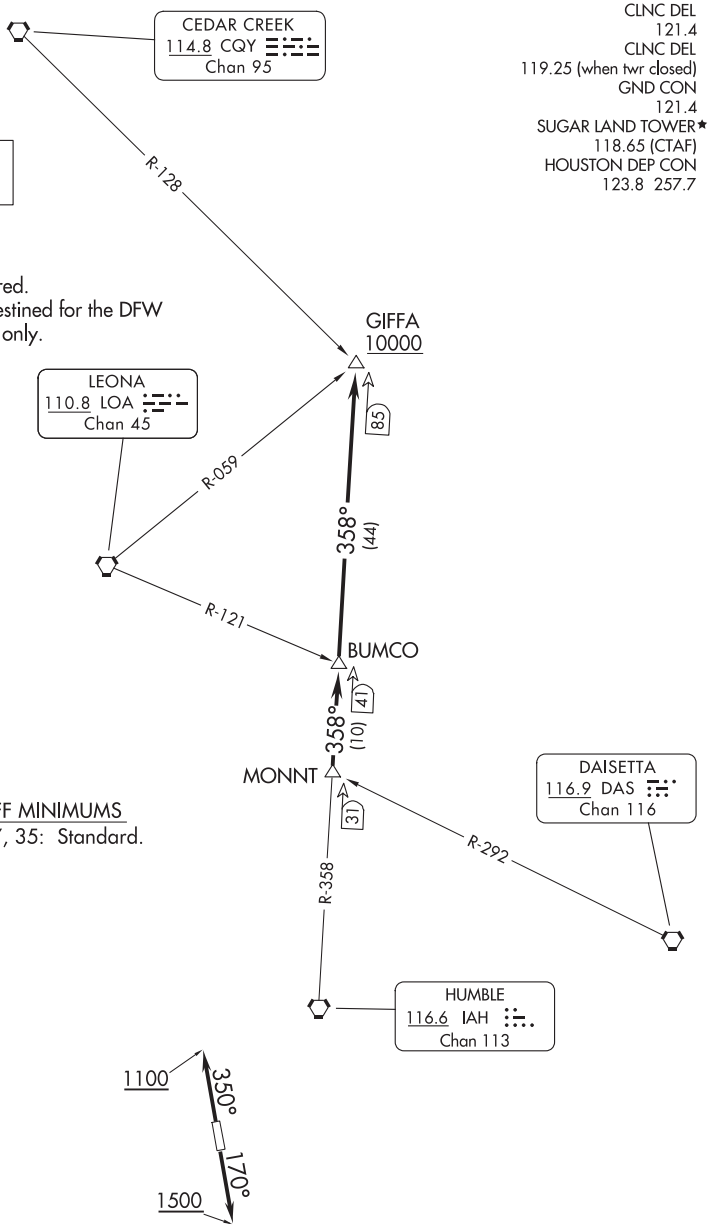
GIFFA ONE DEPARTURE

AL-5537 (FAA)

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGAR LAND TOWER★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.



TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

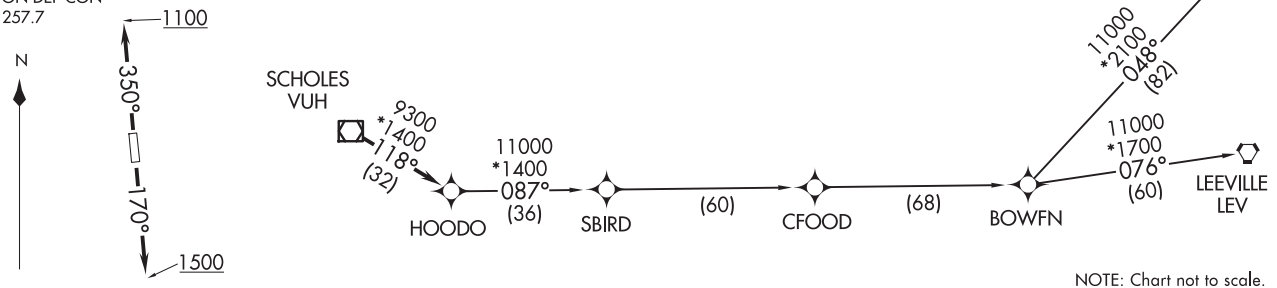
. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGARLAND TOWER★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500' per NM to 600.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(INDIE8.INDIE) 25051

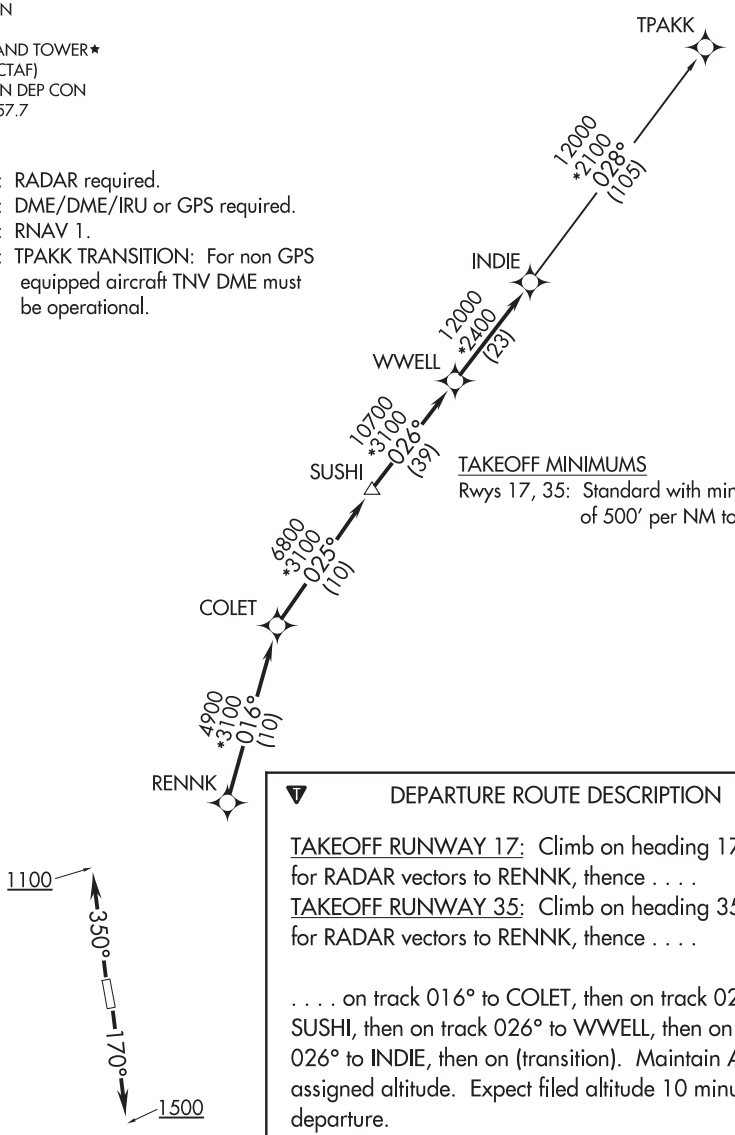
INDIE EIGHT DEPARTURE (RNAV)

SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGARLAND TOWER*
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500′ per NM to 600.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

INDIE EIGHT DEPARTURE (RNAV)
(INDIE8.INDIE) 07OCT21
HOUSTON, TEXAS
SUGAR LAND RGNL (SGR)

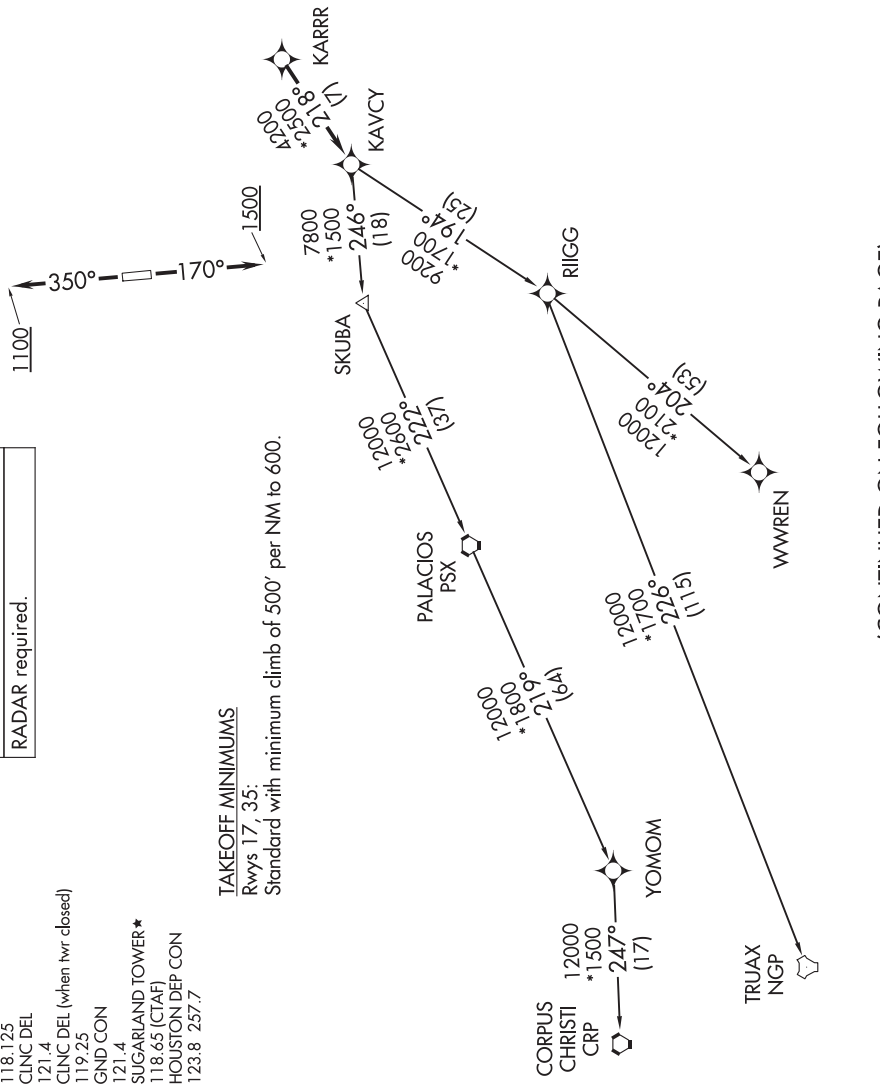
KARRR SEVEN DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

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

ATIS 118.125
CLNC DEL 121.4
CLNC DEL (when twr closed) 119.25
GND CON 121.4
SUGARLAND TOWER★ 118.65 (CTAF)
HOUSTON DEP CON 123.8 257.7

TAKEOFF MINIMUMS
Rwys 17, 35:
Standard with minimum climb of 500' per NM to 600.



NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)

HOUSTON, TEXAS
SUGAR LAND RGNL (SGR)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

LEONA FOUR DEPARTURE

AL-5537 (FAA)

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGAR LAND TOWER ★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

TULSA
114.4 TUL
Chan 91

ARDMORE
116.7 ADM
Chan 114

BONHAM
114.6 BYP
Chan 93

RANGER
115.7 FUZ
Chan 104

CEDAR CREEK
114.8 CQY
Chan 95

WACO
115.3 ACT
Chan 100

LEONA
110.8 LOA
Chan 45

NAVASOTA
115.9 TNV
Chan 106

HUMBLE
116.6 IAH
Chan 113

DOLEY

WLLIS

R-156
FL180
336°
(127)

R-173
FL180
353°
(81)

R-130
FL180
310°
(58)

R-163
10000
341°
(65)

R-046
10000
334°
(67)

R-147
4000
327°
(39)

R-047
38

R-330
1100
350°
170°
1500

TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

NOTE: RADAR required.
NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ) ADM (LOA4.ADM) or BYP (LOA4.BYP).
NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.
NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.
NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

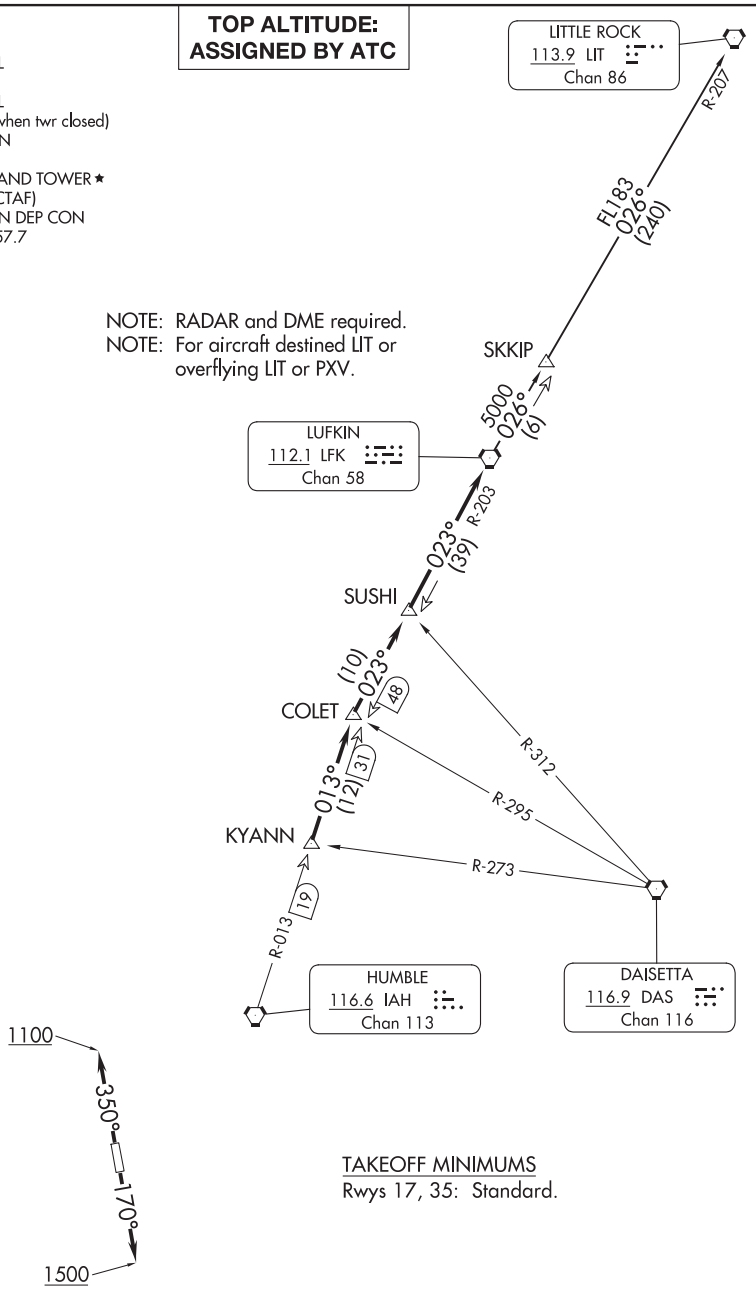
LUFKIN THREE DEPARTURE

HOUSTON, TEXAS

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGAR LAND TOWER ★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.



TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

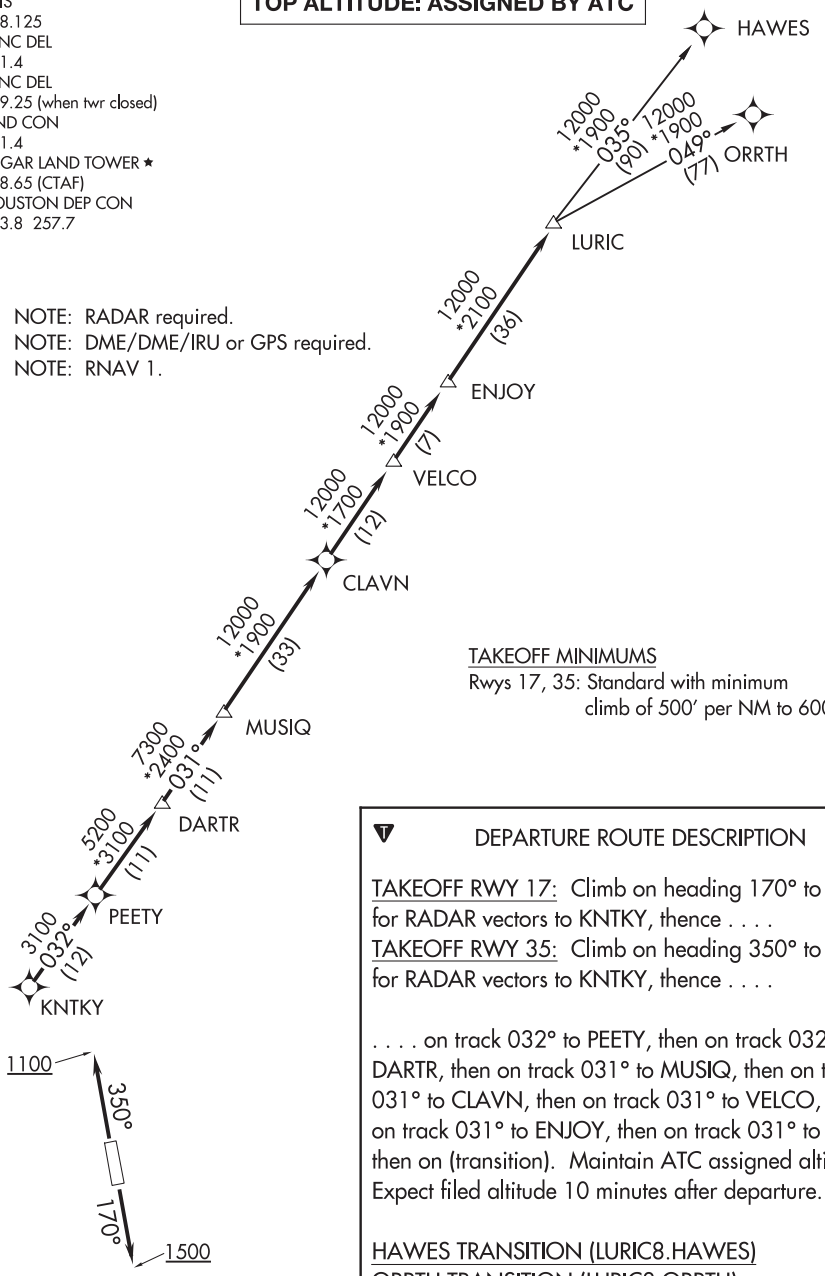
LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

LURIC EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGAR LAND TOWER ★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

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



TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500′ per NM to 600.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 17: Climb on heading 170° to 1500 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RWY 35: Climb on heading 350° to 1100 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

MMALT SEVEN DEPARTURE (RNAV)

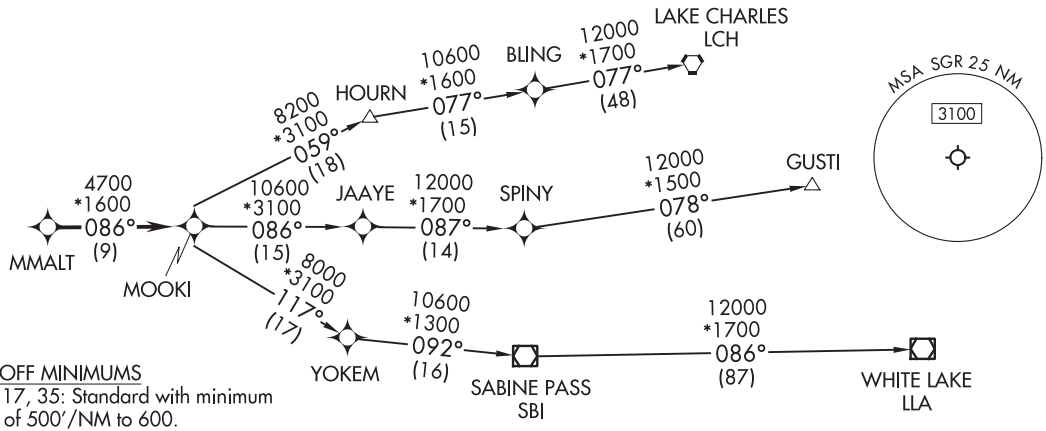
(MMALT7.MMALT) 30NOV23

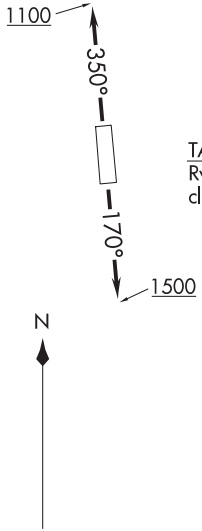
SUGAR LAND RGNL (SGR) HOUSTON, TEXAS

HOUSTON DEP CON
123.8 257.7
ATIS
118.125
CLNC DEL
121.4
CLNC DEL (When twr closed)
119.25
GND CON
121.4
SUGARLAND TOWER ★
118.65 (CTAF)

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

TOP ALTITUDE: ASSIGNED BY ATC





TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500'/NM to 600.

NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

(MMALT7.MMALT) 25051
MMALT SEVEN DEPARTURE (RNAV)

SUGAR LAND RGNL (SGR) HOUSTON, TEXAS

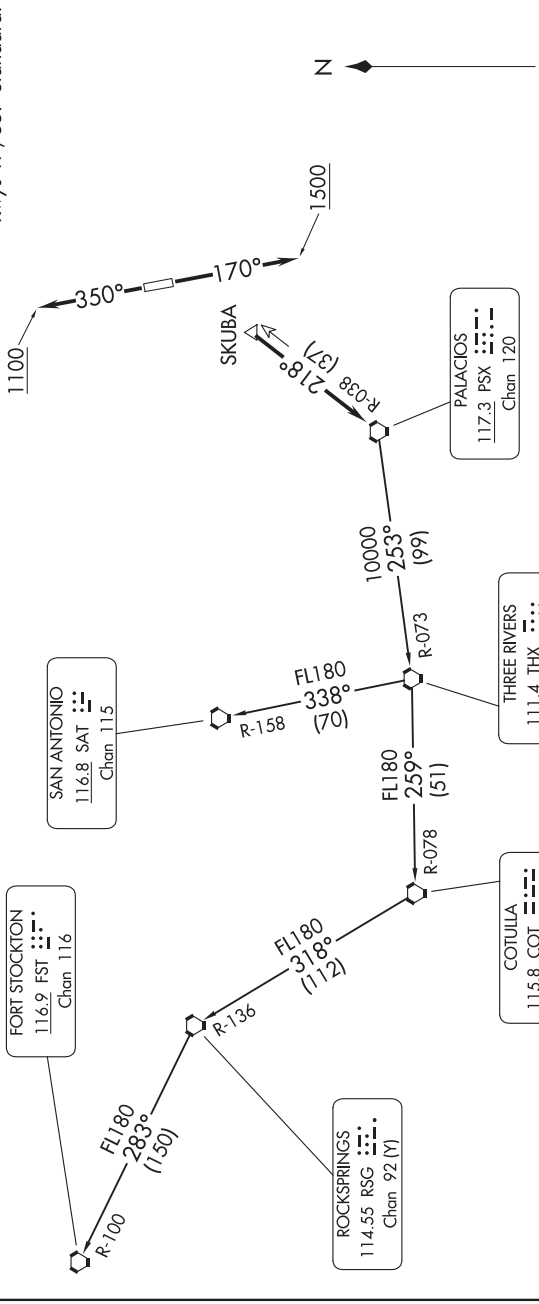
PALACIOS THREE DEPARTURE

TOP ALTITUDE: ASSIGNED BY ATC

RADAR and DME required.

TAKEOFF MINIMUMS
Rwys 17, 35: Standard.

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGAR LAND TOWER★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7



(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS THREE DEPARTURE
HOUSTON, TEXAS
SUGAR LAND RGNL (SGR)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

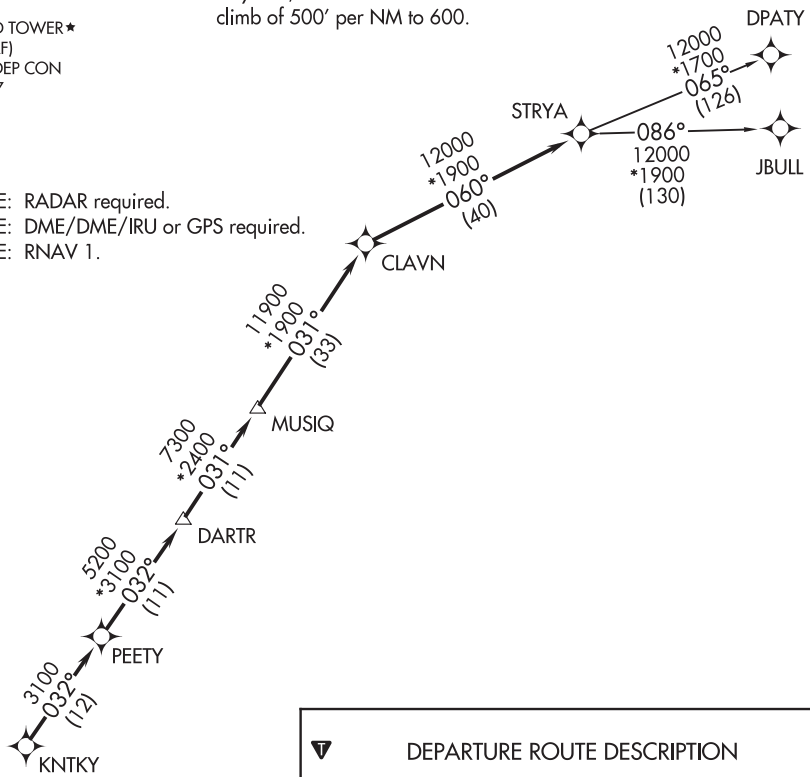
STRYA EIGHT DEPARTURE (RNAV)

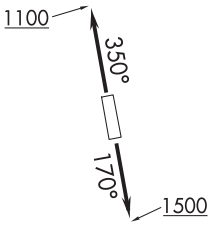
TOP ALTITUDE: ASSIGNED BY ATC

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGARLAND TOWER★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

TAKEOFF MINIMUMS
Rwys 17, 35: Standard with minimum climb of 500′ per NM to 600.

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 170° to 1500 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 for RADAR vectors to KNTKY, thence. . . .

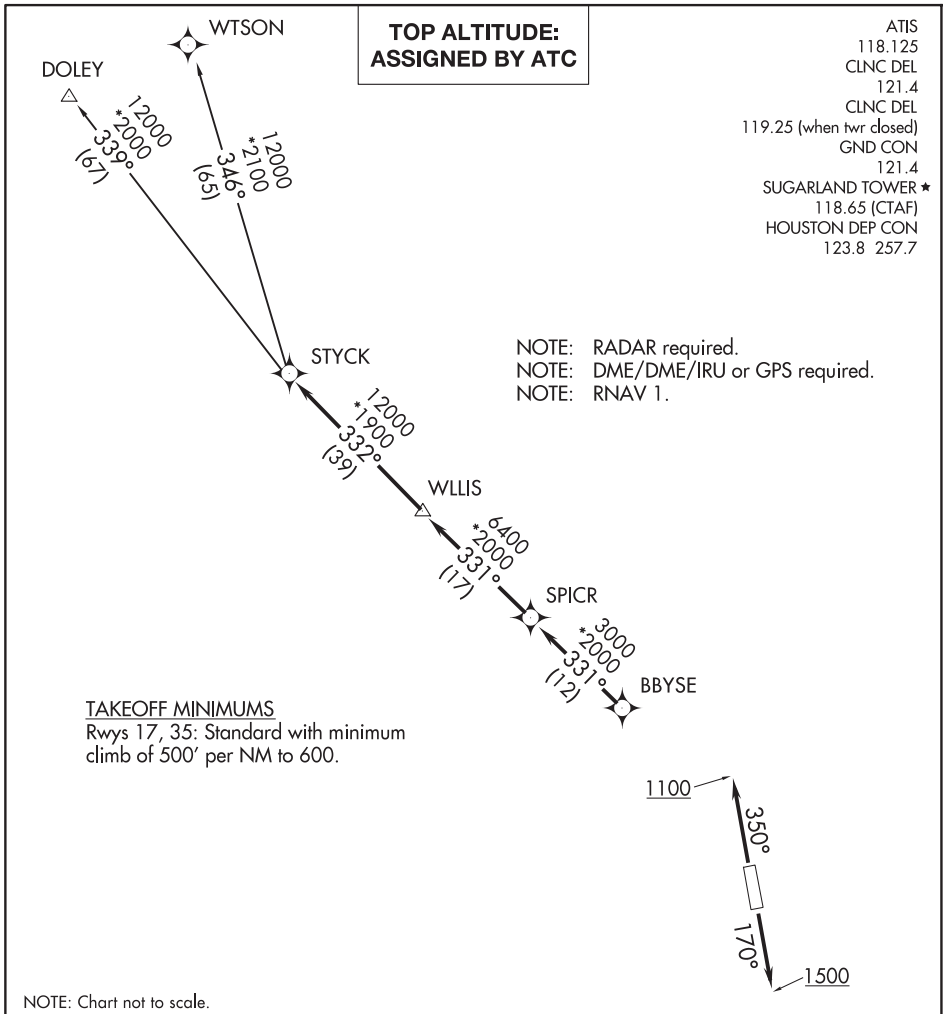
. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

(STYCK8.STYCK) 25051 AL-5537 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025

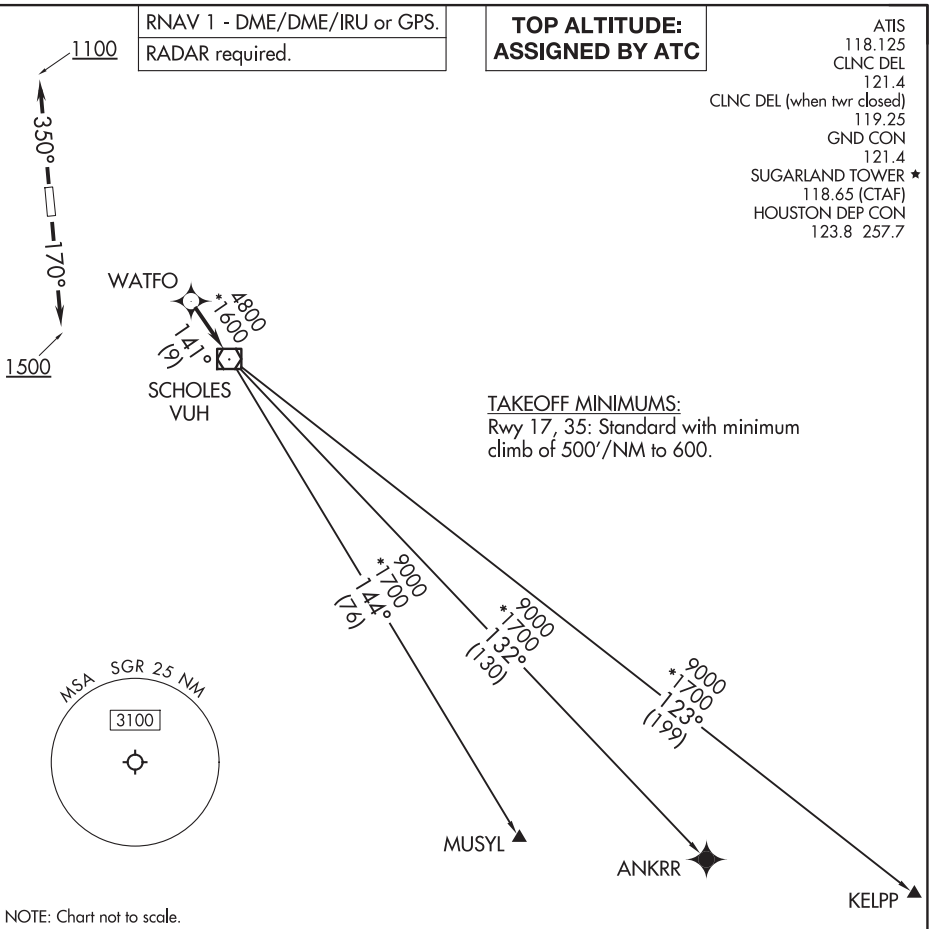
WATFO SIX DEPARTURE (RNAV)

SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS

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

TOP ALTITUDE: ASSIGNED BY ATC

ATIS 118.125
CLNC DEL 121.4
CLNC DEL (when twr closed) 119.25
GND CON 121.4
SUGARLAND TOWER ★ 118.65 (CTAF)
HOUSTON DEP CON 123.8 257.7



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

(WYLSN8.WYLSN) 25051 AL-5537 (FAA)

SUGAR LAND RGNL (SGR)

HOUSTON, TEXAS

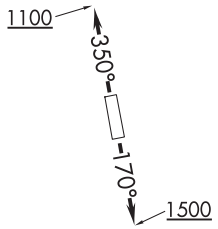
WYLSN EIGHT DEPARTURE (RNAV)

ATIS
118.125
CLNC DEL
121.4
CLNC DEL
119.25 (when twr closed)
GND CON
121.4
SUGAR LAND TOWER ★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

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

TAKEOFF MINIMUMS
Rwy 17, 35: Standard with minimum climb of 500′ per NM to 600.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb on heading 170° to 1500 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 35: Climb on heading 350° to 1100 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 15
WEST HOUSTON (IWS)

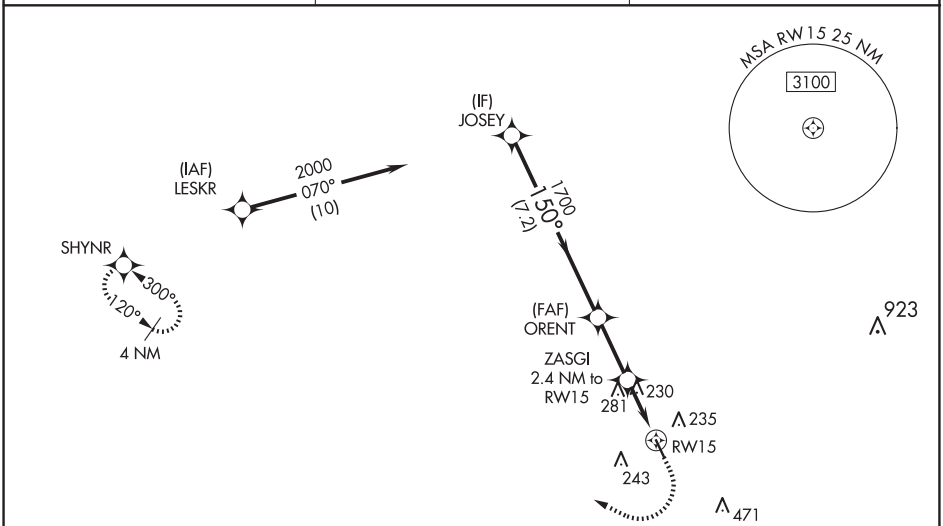
WAAS CH 40429 W15A	APP CRS 150°	Rwy ldg 3953 TDZE 111 Apt Elev 111

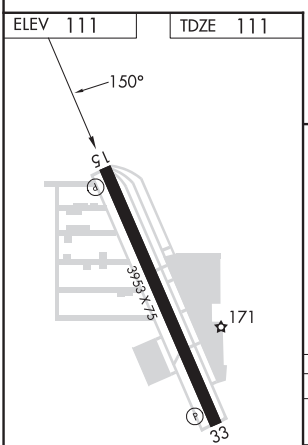
RNP APCH.

Procedure NA at night.
Rwy 15 helicopter visibility reduction below 1 SM NA.
Use George Bush Intcntl/Houston altimeter setting.

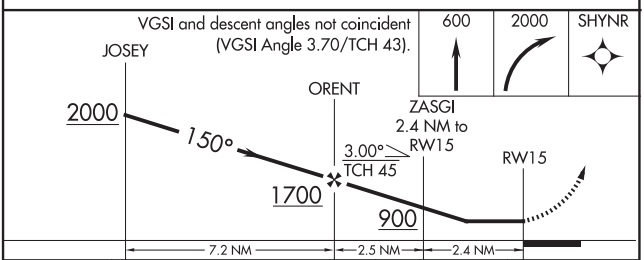
MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct SHYNR and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
123.8 257.7	121.15	123.05 (CTAF) L





REIL Rwys 15 and 33 L
HIRL Rwy 15-33 L



CATEGORY	A	B	C	D
LP MDA	540-1 429 (500-1)		540-1¼ 429 (500-1¼)	NA
LNAV MDA	580-1 469 (500-1)		580-1⅜ 469 (500-1⅜)	NA
CIRCLING	600-1 489 (500-1)	640-1 529 (600-1)	800-2 689 (700-2)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HOUSTON, TEXAS | AL-6079 (FAA) | 25051

RNAV (GPS) RWY 33
WEST HOUSTON (IWS)

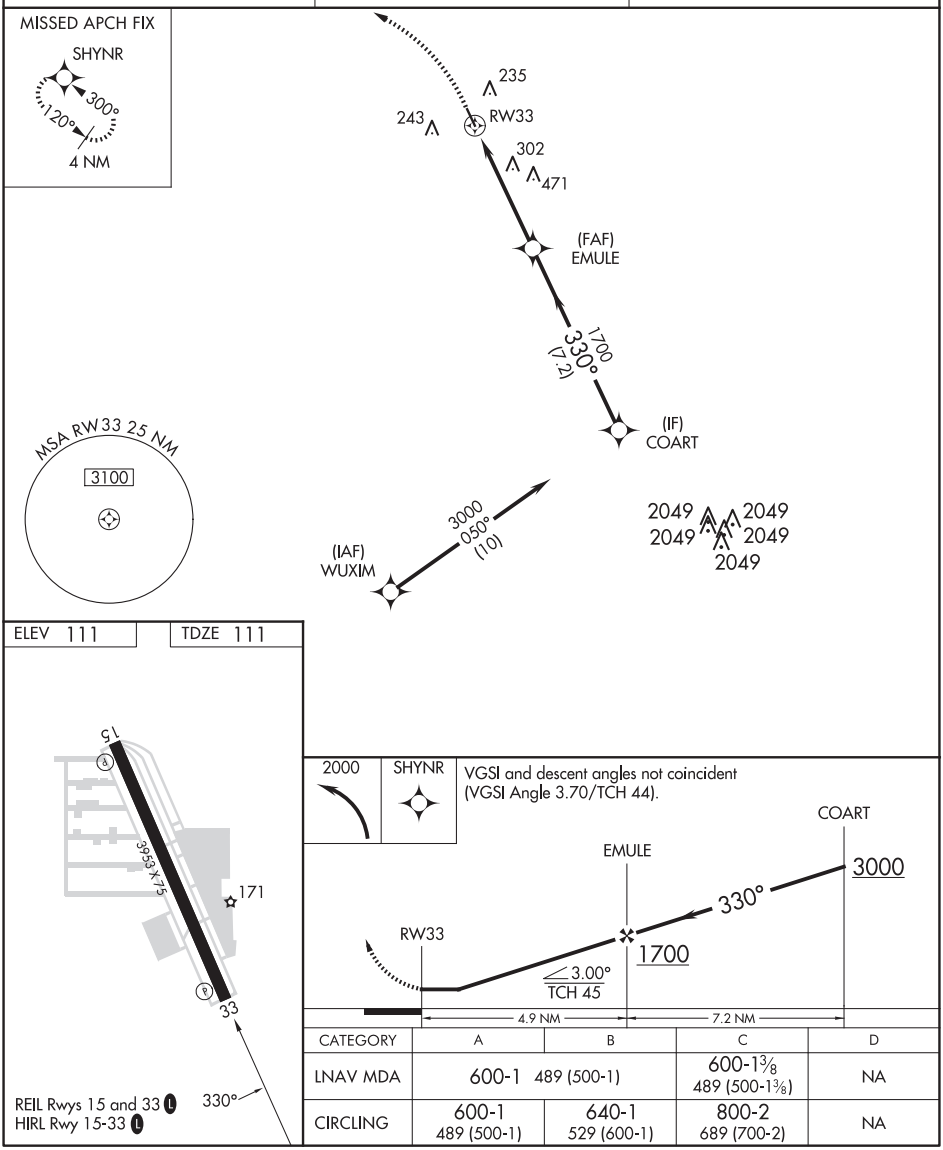
APP CRS	Rwy ldg	3953
330°	TDZE	111
	Apt Elev	111

RNP APCH.

NA: Rwy 33 helicopter visibility reduction below 1 SM NA. Use George Bush Intcntl/Houston altimeter setting. Circling Rwy 15 NA at night.

MISSED APPROACH: Climbing left turn to 2000 direct SHYNR and hold.

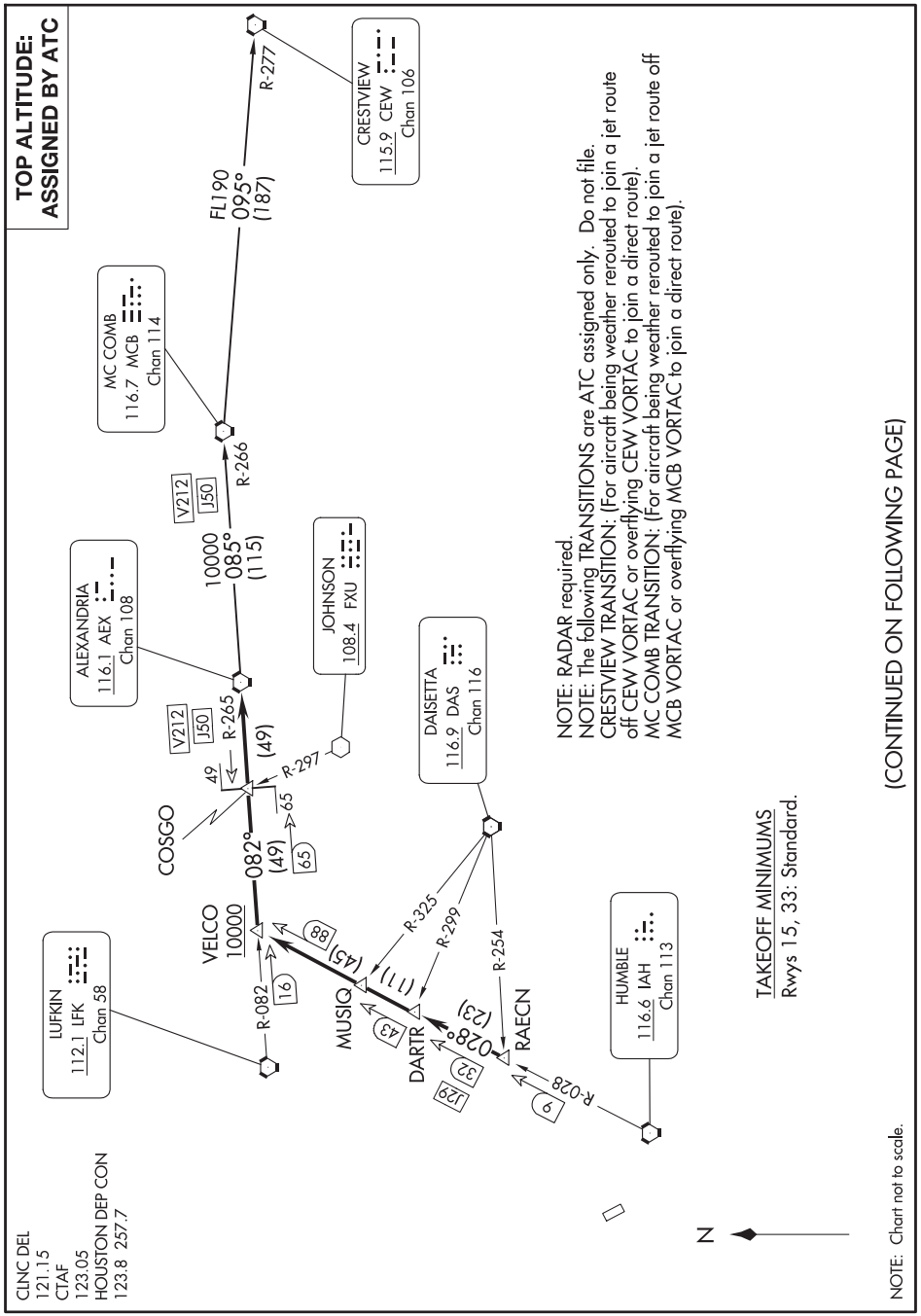
HOUSTON APP CON	CLNC DEL	UNICOM
123.8 257.7	121.15	123.05 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	600-1 489 (500-1)		600-1⅜ 489 (500-1⅜)	NA
CIRCLING	600-1 489 (500-1)	640-1 529 (600-1)	800-2 689 (700-2)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025

ALEXANDRIA THREE DEPARTURE



ALEXANDRIA THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

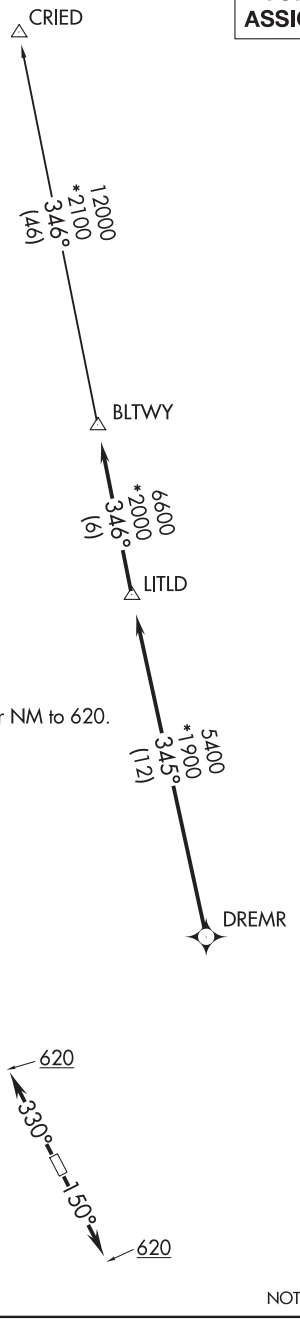
CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

BLTWY SEVEN DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 15, 33: Standard with minimum climb of 500′ per NM to 620.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 150° to 620 for RADAR vectors to DREMR, thence . . . .

TAKEOFF RUNWAY 33: Climb on heading 330° to 620 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

(BORRN6.BORRN) 25051 AL-6079 (FAA) WEST HOUSTON (IWS)

BORRN SIX DEPARTURE (RNAV)

HOUSTON, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TAKEOFF MINIMUMS
Rwys 15, 33: Standard with minimum climb of 500'/NM to 620.

CTAF
123.05
CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7

620 330° 150° 620

BORRN
4400 *1600 267° (7)
DILRE
8600 *1700 298° (21)
ZUUUU
7600 *1600 271° (16)
BOCCK
7700 *1700 238° (17)
WEEED
12000 *2100 275° (44)
PUFER
12000 *2400 275° (34)
PSTUR
12000 *3100 279° (33)
CRGER
10600 *2100 275° (19)
MNURE
10800 *1800 270° (20)
WAILN
12000 *2100 275° (62)
HAYYY
12000 *2900 278° (33)
FOWLR
12000 *3700 279° (77)
JUNCTION JCT
12000 *2600 261° (68)
MARCS
12000 *2800 239° (35)
SAN ANTONIO SAT

N

WSA IWS 25 NM
3100

NOTE: Chart not to scale.

NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

(BORRN6.BORRN) 30NOV23

HOUSTON, TEXAS WEST HOUSTON (IWS)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb heading 150° to 620, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 33: Climb heading 330° to 620, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(CRIED1.CRIED) 24193

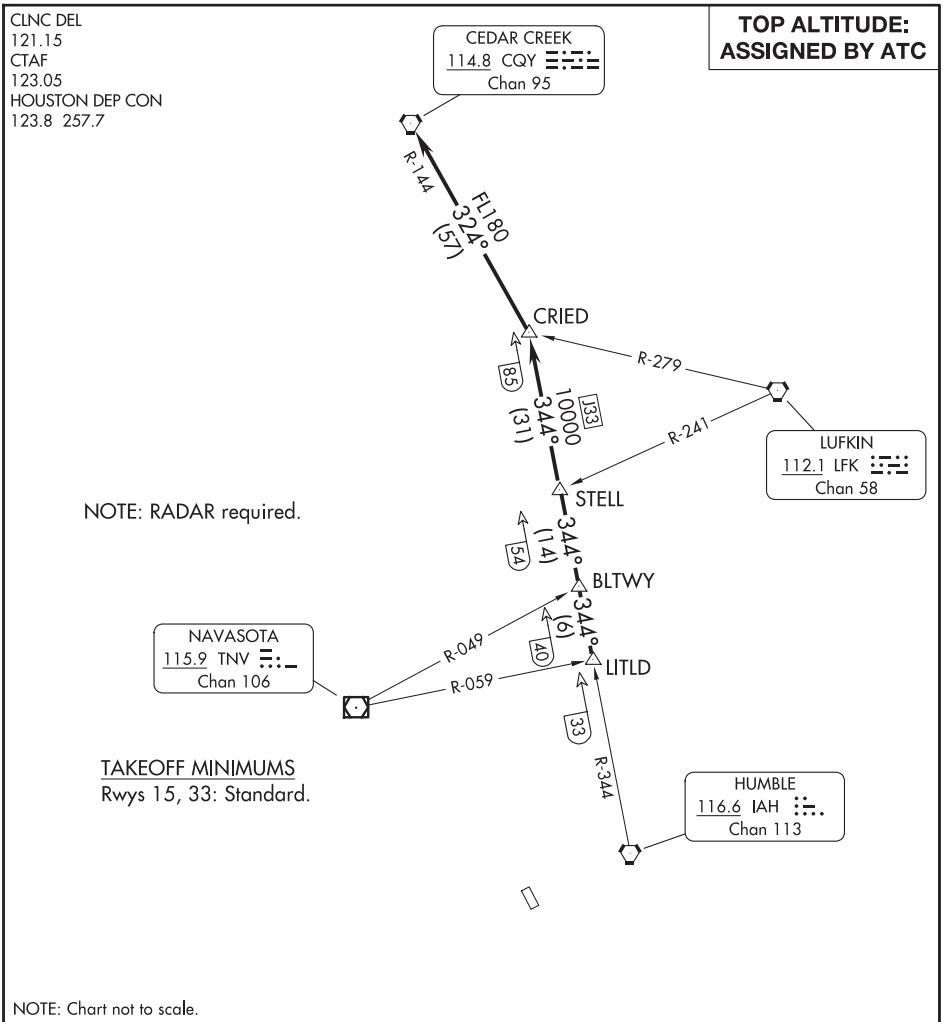
CRIED ONE DEPARTURE

AL-6079 (FAA)

WEST HOUSTON (IWS)
HOUSTON, TEXAS

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

TAKEOFF MINIMUMS
Rwys 15, 33: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

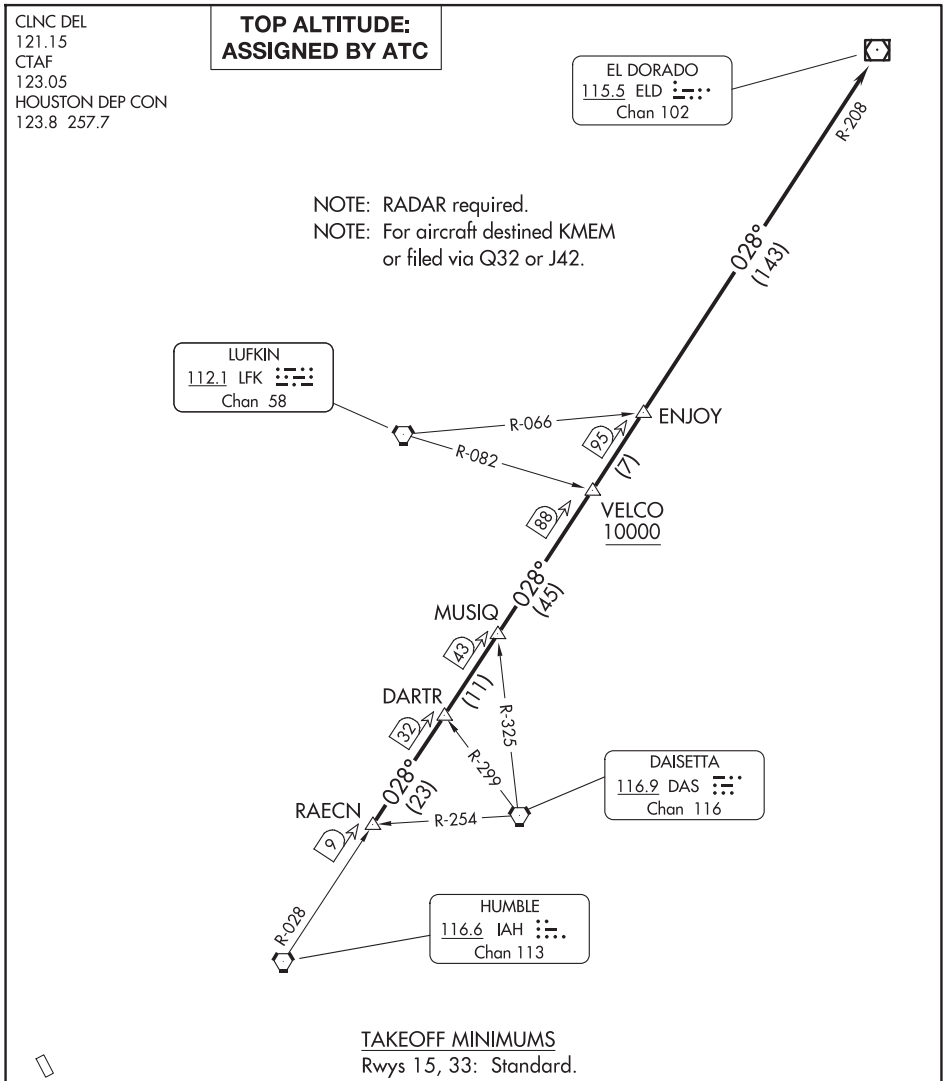
. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

EL DORADO ONE DEPARTURE

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 15, 33: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025

(GIFFA1.GIFFA) 24193

GIFFA ONE DEPARTURE

AL-6079 (FAA)

WEST HOUSTON (IWS)
HOUSTON, TEXAS

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.

CEDAR CREEK
114.8 CQY
Chan 95

R-128

GIFFA
10000

85

LEONA
110.8 LOA
Chan 45

R-059

358°
(44)

R-121

BUMCO

41

358°
(10)

MONNT

31

DAISETTA
116.9 DAS
Chan 116

R-292

R-358

HUMBLE
116.6 IAH
Chan 113

TAKEOFF MINIMUMS
Rwys 15, 33: Standard

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

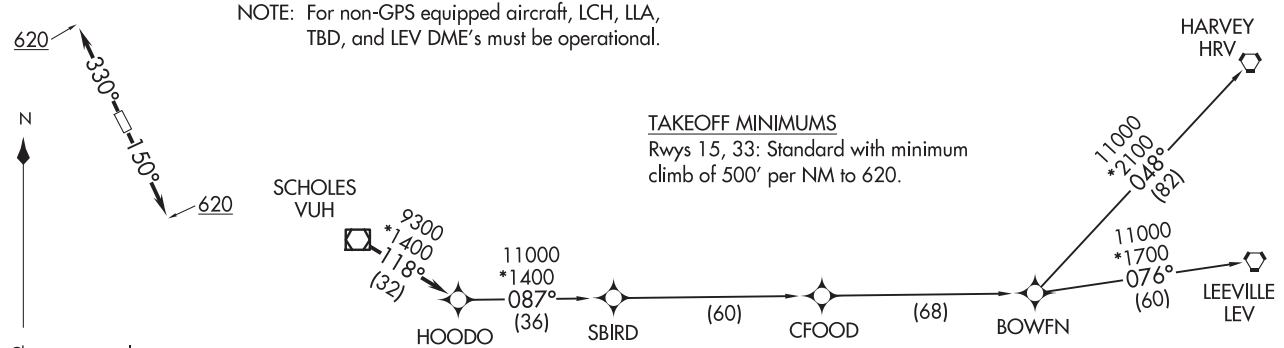
TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.



TAKEOFF MINIMUMS
Rwys 15, 33: Standard with minimum climb of 500′ per NM to 620.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 150° to 620, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 33: Climb on heading 330° to 620, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(INDIE8.INDIE) 21280

AL-6079 (FAA)

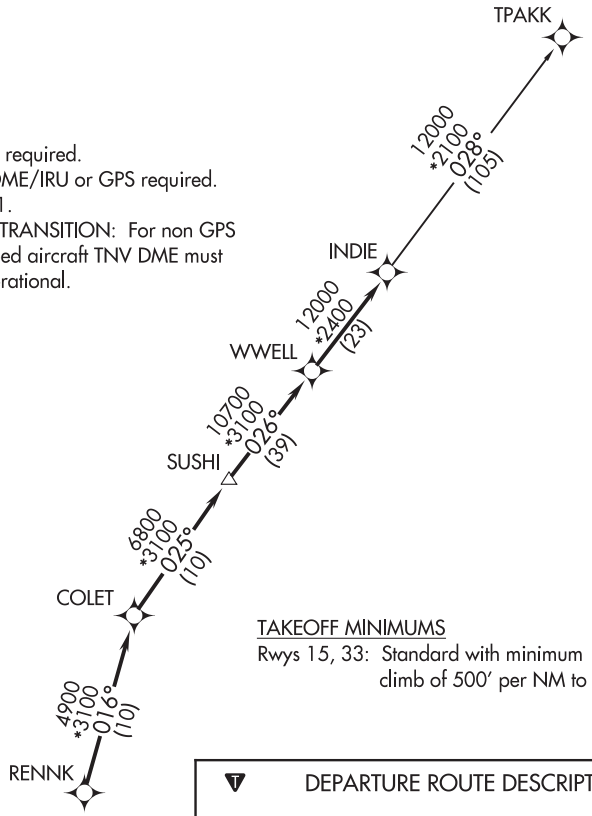
WEST HOUSTON (IWS)
HOUSTON, TEXAS

INDIE EIGHT DEPARTURE (RNAV)

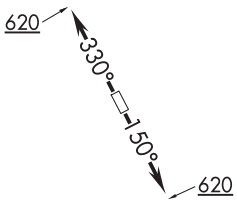
TOP ALTITUDE: ASSIGNED BY ATC

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwys 15, 33: Standard with minimum climb of 500′ per NM to 620.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 150° to 620 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 33: Climb on heading 330° to 620 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

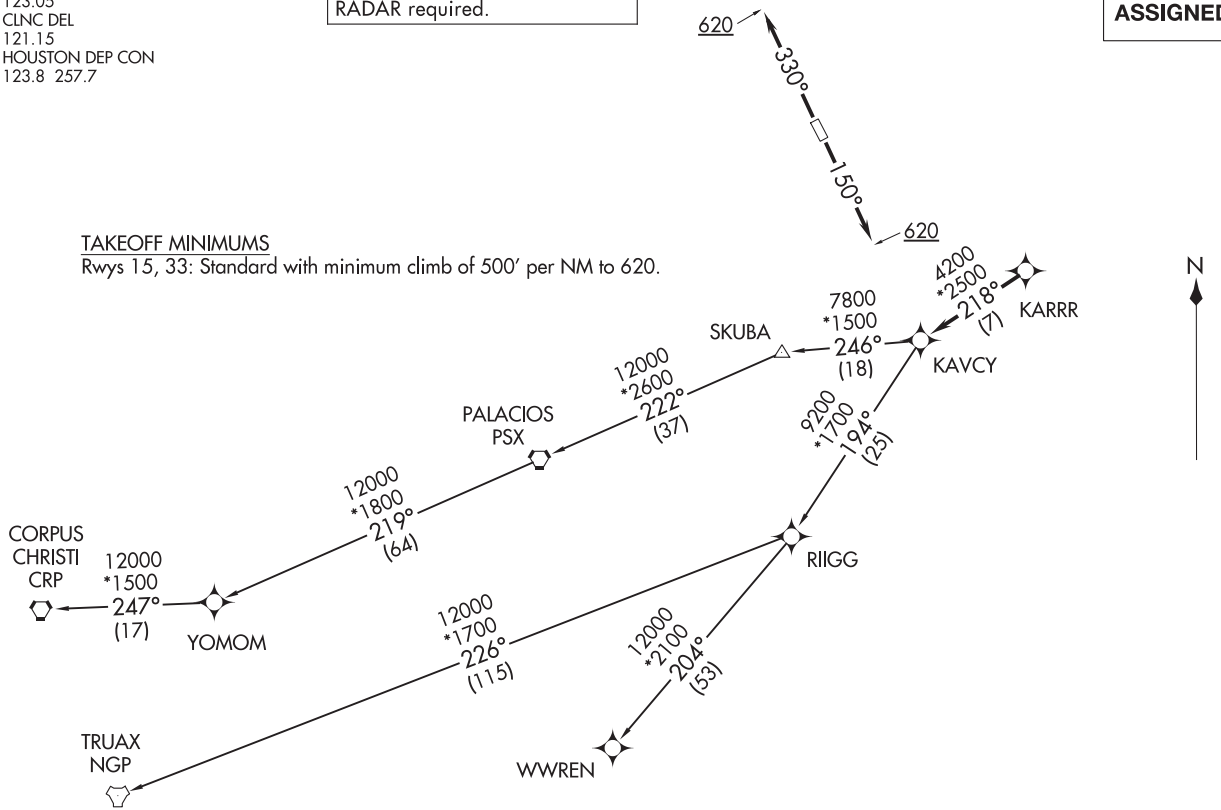
SC-5, 12 JUN 2025 to 07 AUG 2025

(KARRR7.KARRR) 22363
KARRR SEVEN DEPARTURE (RNAV)
AL-6079 (FAA)
WEST HOUSTON (IWS)
HOUSTON, TEXAS

CTAF
123.05
CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7

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

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 15, 33: Standard with minimum climb of 500′ per NM to 620.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 150° to 620, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 33: Climb on heading 330° to 620, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

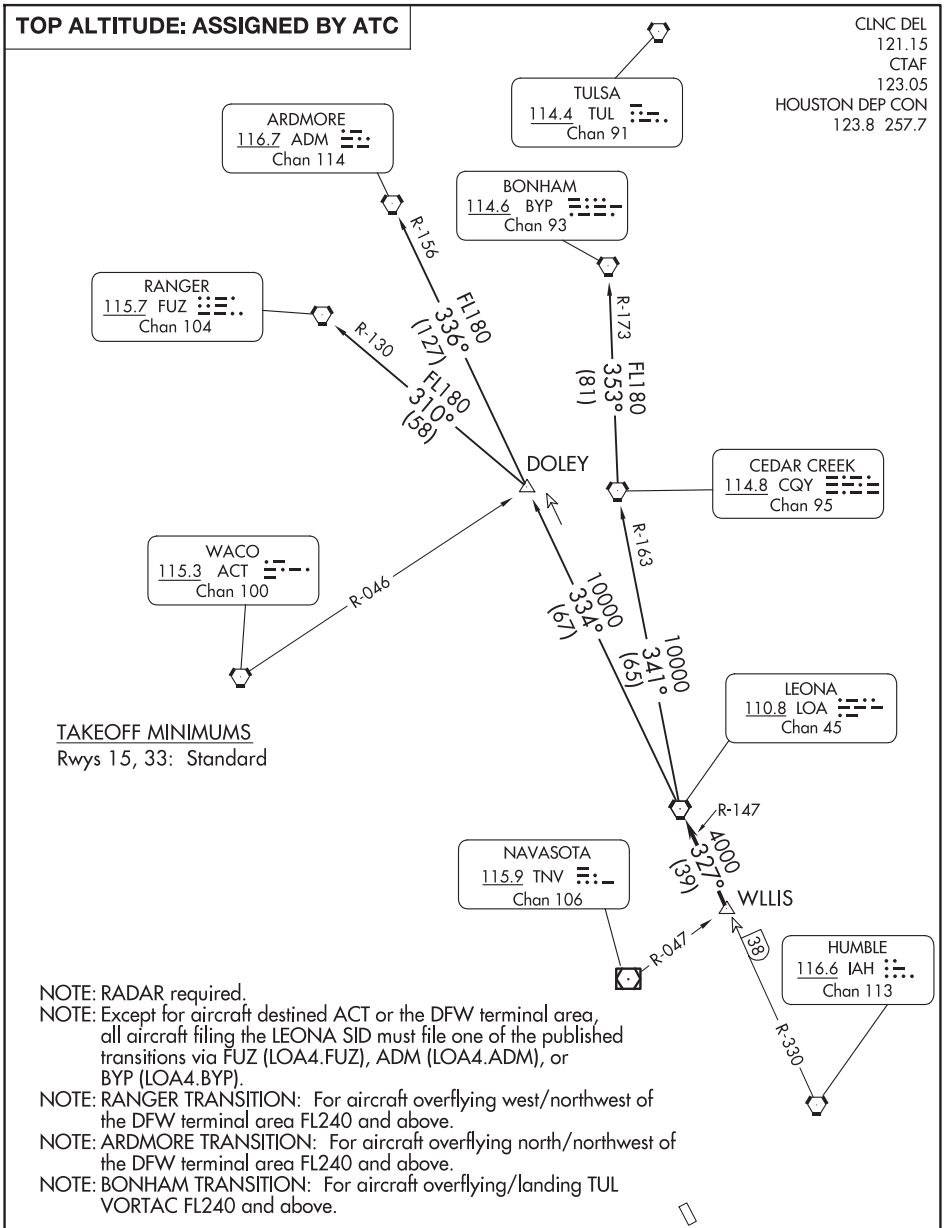
SC-5, 12 JUN 2025 to 07 AUG 2025

LEONA FOUR DEPARTURE

AL-6079 (FAA)

TOP ALTITUDE: ASSIGNED BY ATC

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7



TAKEOFF MINIMUMS
Rwys 15, 33: Standard

NOTE: RADAR required.
NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).
NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.
NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.
NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

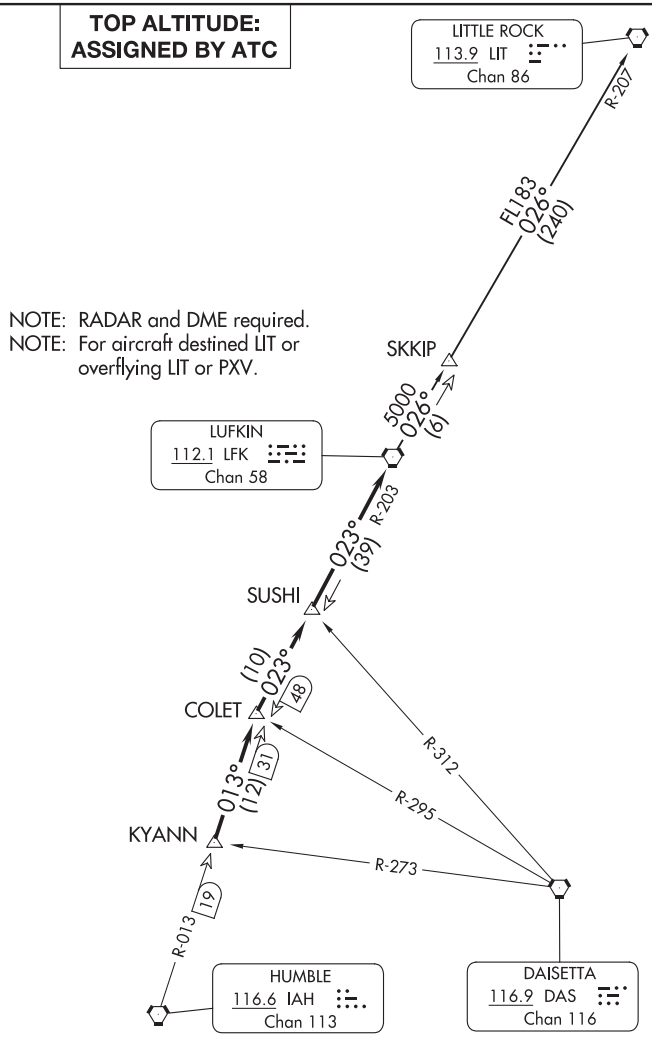
BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

LUFKIN THREE DEPARTURE

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.

TAKEOFF MINIMUMS
Rwys 15, 33: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

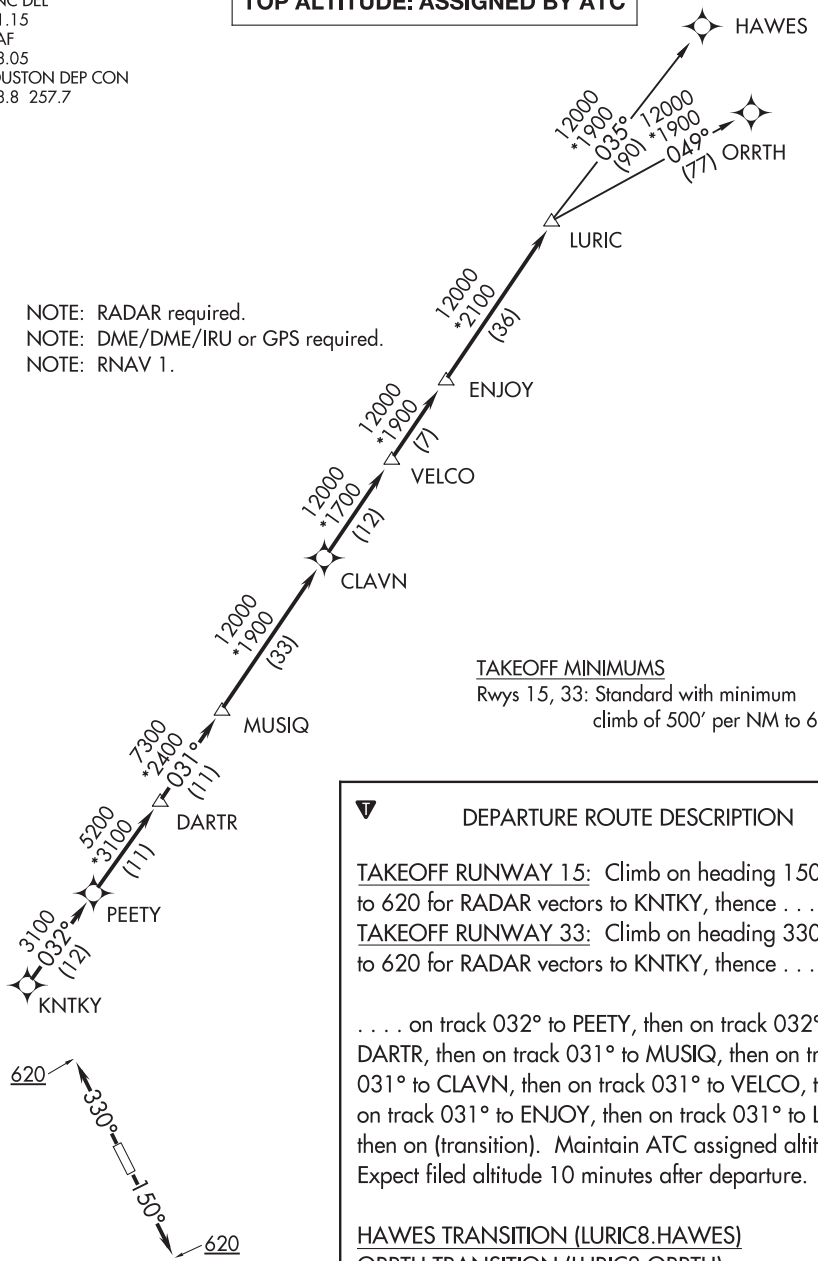
SC-5, 12 JUN 2025 to 07 AUG 2025

LURIC EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7

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



TAKEOFF MINIMUMS
Rwys 15, 33: Standard with minimum climb of 500′ per NM to 620.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 150° to 620 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 33: Climb on heading 330° to 620 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

MMALT SEVEN DEPARTURE (RNAV)

(MMALT7.MMALT) 30NOV23

WEST HOUSTON (IWS)

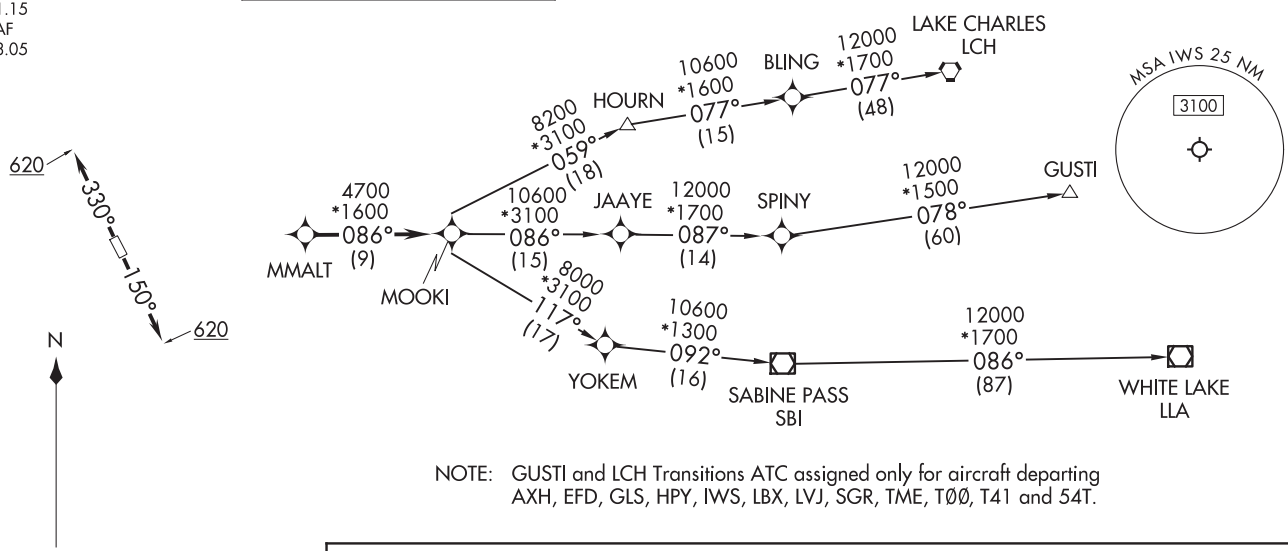
HOUSTON, TEXAS

HOUSTON DEP CON
123.8 257.7
CLNC DEL
121.15
CTAF
123.05

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.

TAKEOFF MINIMUMS
Rwys 15, 33: Standard with minimum climb of 500'/NM to 620.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 150° to 620 for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 33: Climb on heading 330° to 620 for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

(MMALT7.MMALT) 23334
MMALT SEVEN DEPARTURE (RNAV)
WEST HOUSTON (IWS)
HOUSTON, TEXAS

SC-5, 12 JUN 2025 to 07 AUG 2025

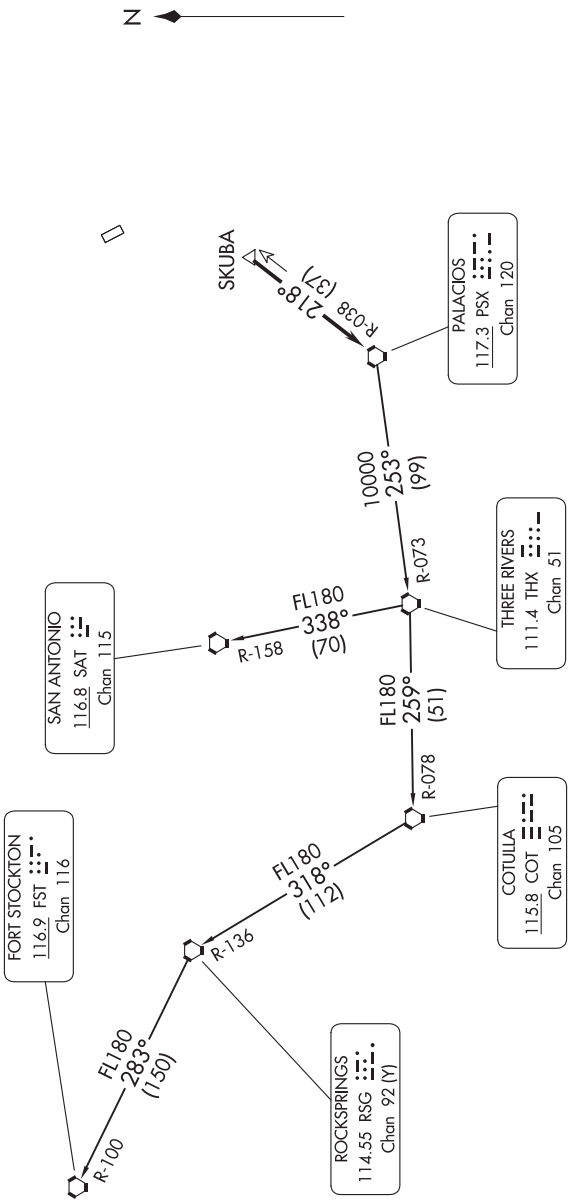
PALACIOS THREE DEPARTURE

TOP ALTITUDE: ASSIGNED BY ATC

RADAR and DME required.

TAKEOFF MINIMUMS
Rwys 15, 33: Standard

CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7



(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

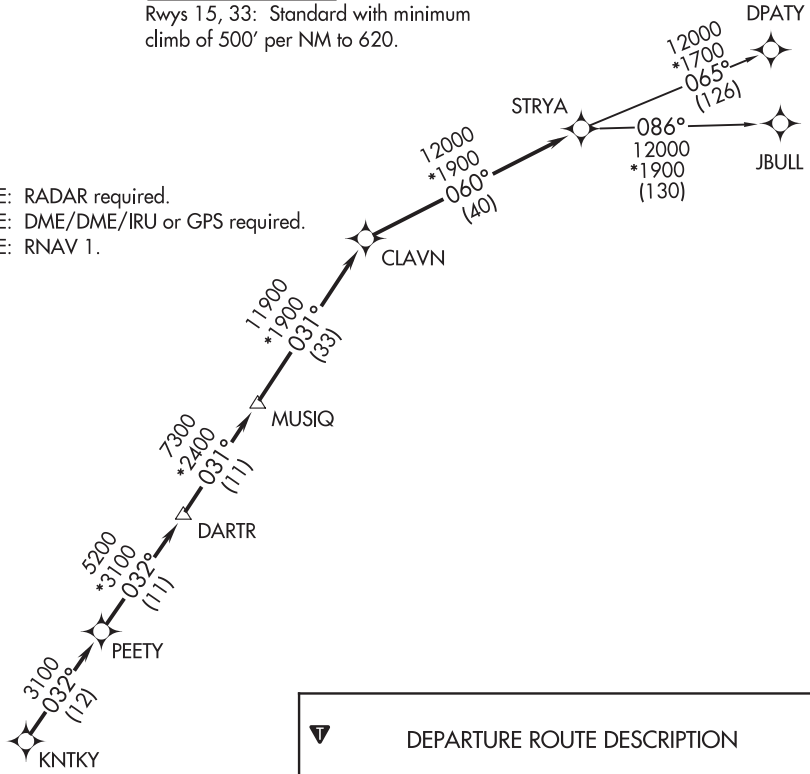
STRYA EIGHT DEPARTURE (RNAV)

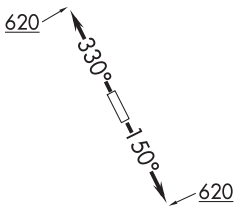
TOP ALTITUDE: ASSIGNED BY ATC

CTAF
123.05
CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7

TAKEOFF MINIMUMS
Rwys 15, 33: Standard with minimum climb of 500′ per NM to 620.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 150° to 620 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 33: Climb on heading 330° to 620 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

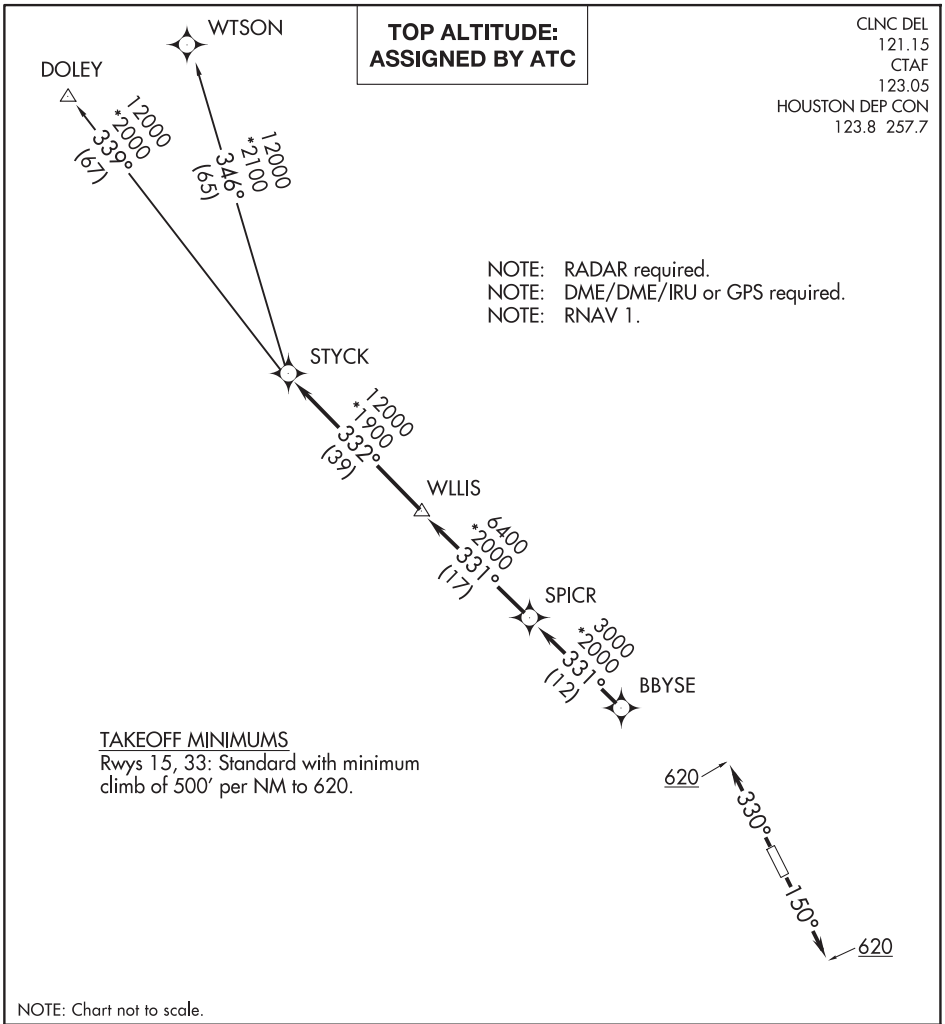
DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(STYCK8.STYCK) 21280 AL-6079 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

WEST HOUSTON (IWS)
HOUSTON, TEXAS



DEPARTURE ROUTE DESCRIPTION

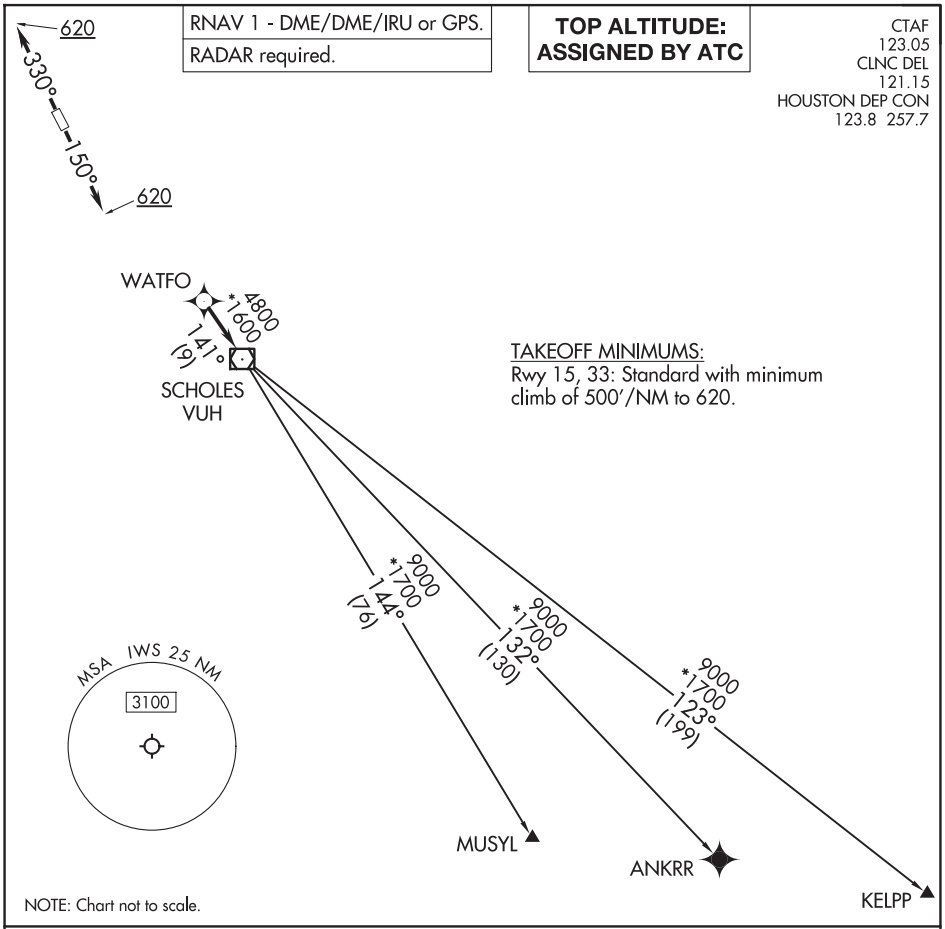
TAKEOFF RUNWAY 15: Climb on heading 150° to 620 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 33: Climb on heading 330° to 620 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025

WATFO SIX DEPARTURE (RNAV)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 150° to 620, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 33: Climb on heading 330° to 620, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

(WYLSN8.WYLSN) 21280 AL-6079 (FAA)

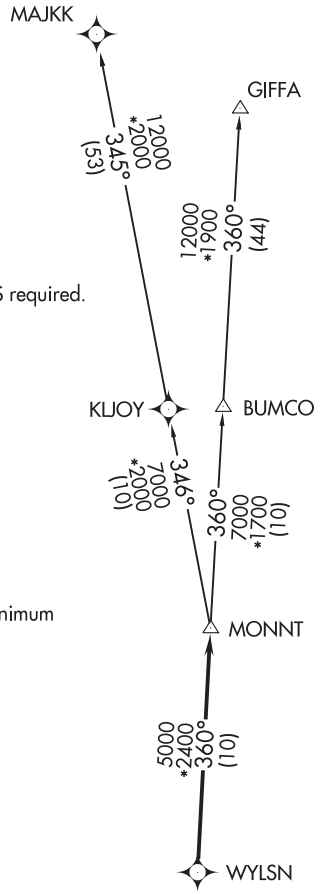
WEST HOUSTON (IWS)

WYLSN EIGHT DEPARTURE (RNAV)

HOUSTON, TEXAS

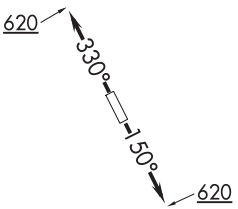
CLNC DEL
121.15
CTAF
123.05
HOUSTON DEP CON
123.8 257.7

TOP ALTITUDE: ASSIGNED BY ATC



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

TAKEOFF MINIMUMS
Rwys 15, 33: Standard with minimum climb of 500′ per NM to 620.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 150° to 620 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 33: Climb on heading 330° to 620 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

SC-5, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 4
WILLIAM P HOBBY (HOU)

LOC/DME I-HUB	APP CRS	Rwy ldg	7602
109.9	041°	TDZE	44
Chan 36		Apt Elev	46

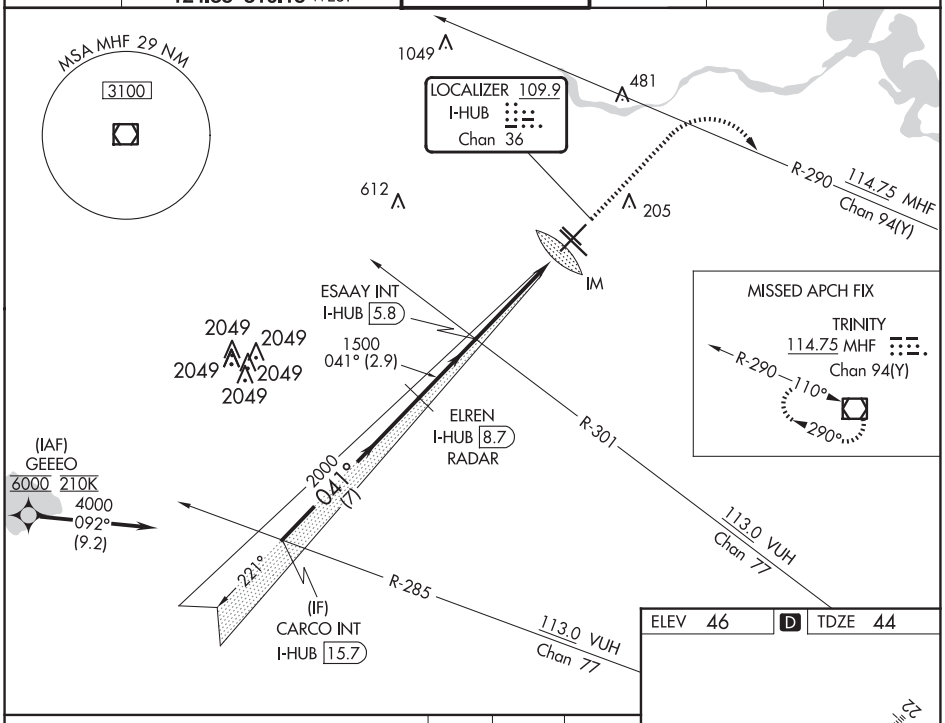
Aircraft not GPS equipped - RADAR required for procedure entry.
From GEEEO: RNAV 1- GPS required.

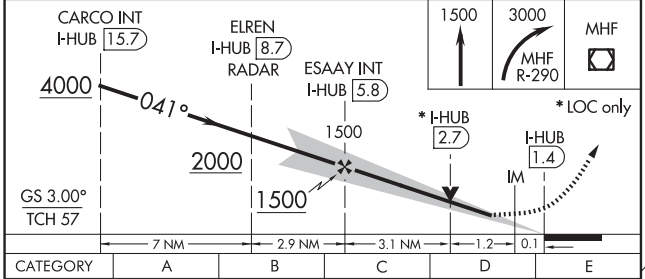
For inop ALSF-2, increase S-ILS 4 Cat E visibility to RVR 4000;
S-LOC 4 Cat C/D/E visibility to 1⅜.

ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 on MHF VOR/DME R-290 to MHF VOR/DME and hold.

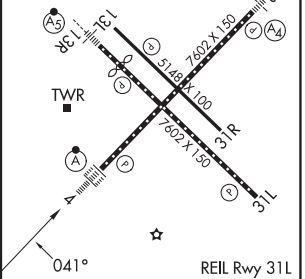
D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	





CATEGORY	A	B	C	D	E
S-ILS 4	244/18 200 (200-½)				
S-LOC 4	520/24 476 (500-½)		520/50 476 (500-1)		
C CIRCLING	520-1 474 (500-1)		740-2¼ 694 (700-2¼)	860-3 814 (900-3)	

ELEV 46 | D | TDZE 44



REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R and 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

SC-5, 12 JUN 2025 to 07 AUG 2025

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HOUSTON, TEXAS | AL-198 (FAA) | 25163

ILS or LOC RWY 13R
WILLIAM P HOBBY (HOU)

LOC/DME I-PRQ	APP CRS	Rwy ldg	6568
111.3	131°	TDZE	46
Chan 50		Apt Elev	46

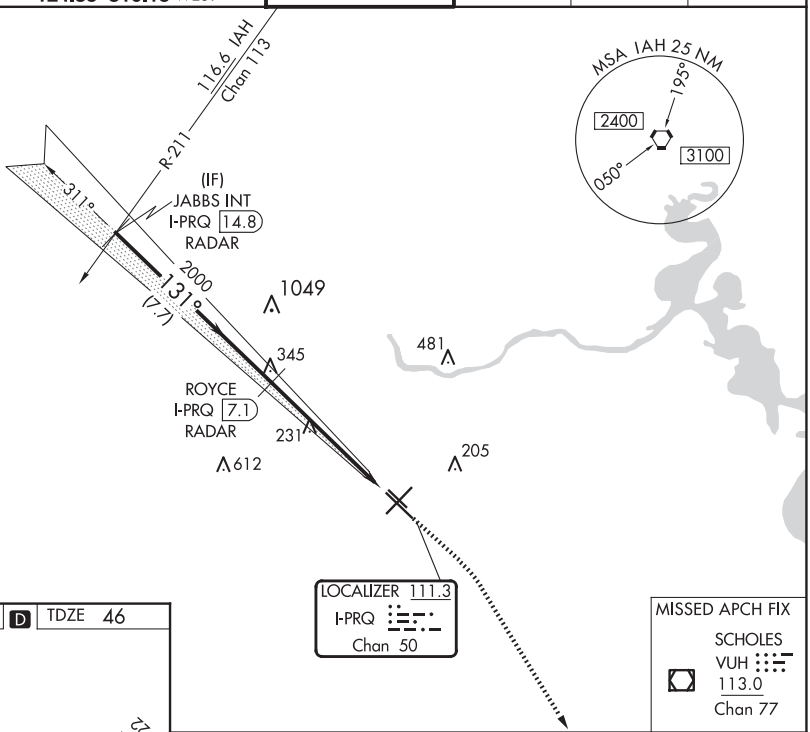
RADAR or DME required for LOC only.
RADAR required for procedure entry.

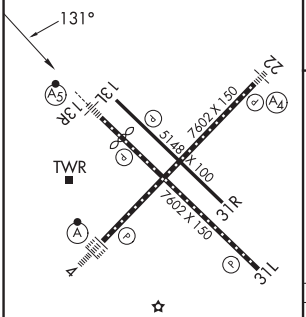
Inop table does not apply to S-ILS Rwy 13R. Rwy 13R helicopter visibility reduction below ¾ SM NA. For inop ALS, increase S-LOC 13R Cats A/B visibility to RVR 5500, Cats C/D/E to 1⅜ SM.

MALSR

MISSED APPROACH: Climb to 800 then climbing right turn to 2200 direct VUH VOR/DME.

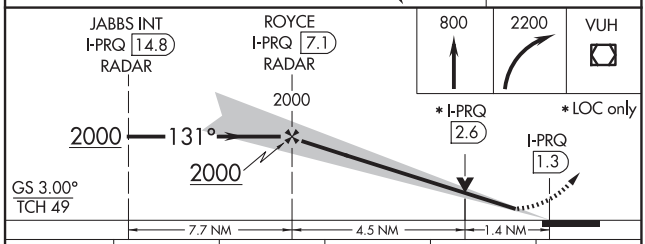
D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	





REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R and 31L

FAF to MAP 5.9 NM					
Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58



CATEGORY	A	B	C	D	E
S-ILS 13R	296/40 250 (300-¾)				
S-LOC 13R	540/40 494 (500-¾)		540/50 494 (500-1)		540/60 494 (500-1¼)
C CIRCLING	540-1 494 (500-1)		740-2¼ 694 (700-2¼)		860-3 814 (900-3)

HOUSTON, TEXAS
Amdt 12D 25APR19

29°39′N-95°17′W

WILLIAM P HOBBY (HOU)
ILS or LOC RWY 13R

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

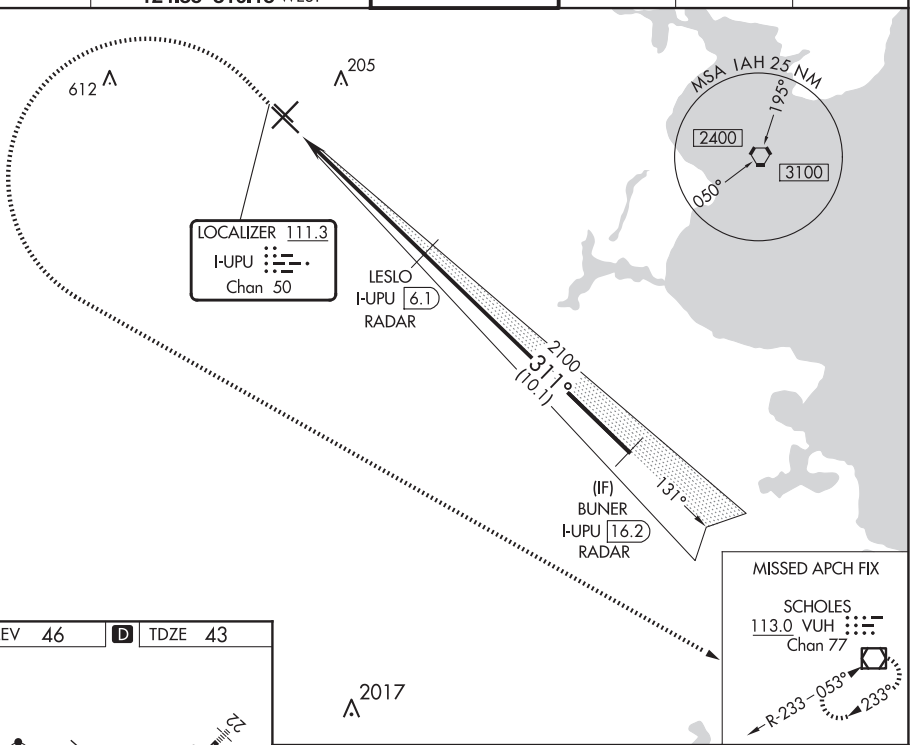
ILS or LOC RWY 31L
WILLIAM P HOBBY (HOU)

LOC/DME I-UPU	APP CRS	Rwy ldg	7602
111.3	311°	TDZE	43
Chan 50		Apt Elev	46

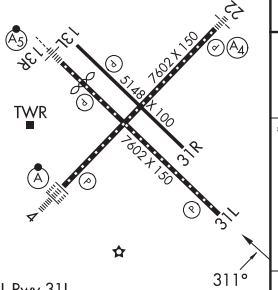
RADAR or DME required for LOC only.
RADAR required for procedure entry.

MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 direct VUH VOR/DME and hold.

D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	

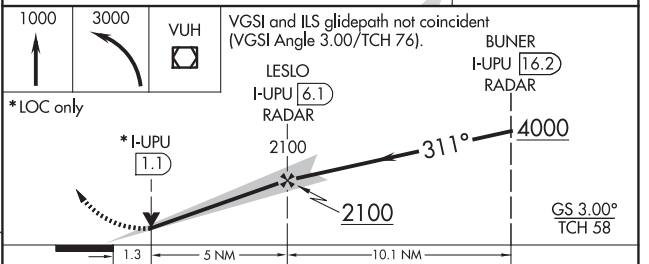


ELEV 46 | D | TDZE 43



REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R and 31L

FAF to MAP 6.3 NM					
Knots	60	90	120	150	180
Min:Sec	6:18	4:12	3:09	2:31	2:06



CATEGORY	A	B	C	D
S-ILS 31L	243/40 200 (200-¾)			
S-LOC 31L	520/55 477 (500-1)		520-1⅜ 477 (500-1⅜)	
C CIRCLING	520-1 474 (500-1)		740-2¼ 694 (700-2¼)	

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HOUSTON, TEXAS

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ILS RWY 4 (SA CAT I)
WILLIAM P HOBBY (HOU)

LOC/DME I-HUB	APP CRS	Rwy ldg	7602
109.9	041°	TDZE	44
Chan 36		Apt Elev	46

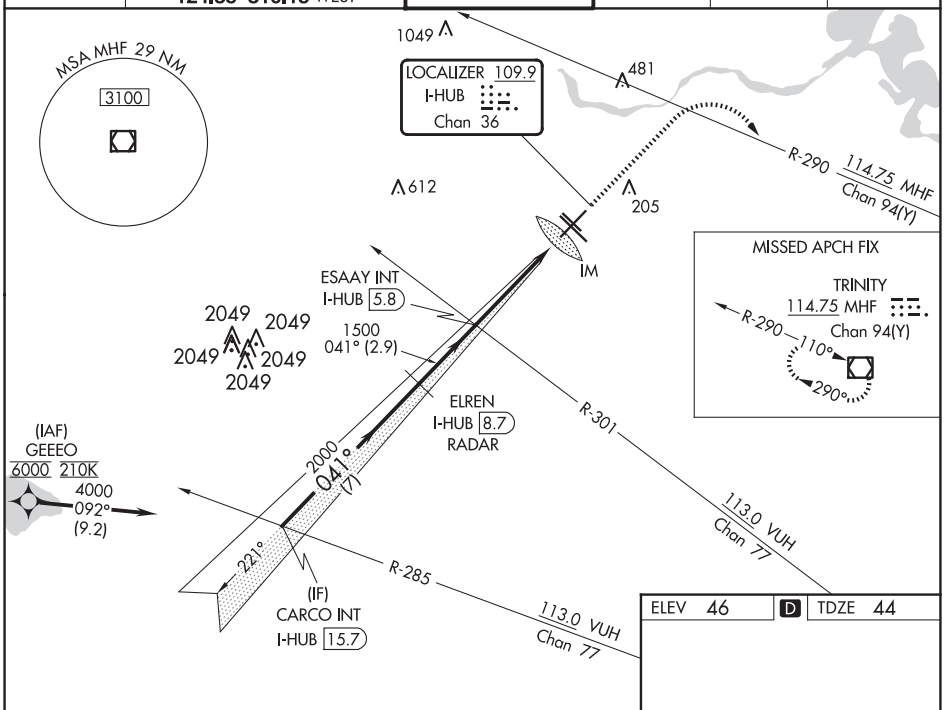
Aircraft not GPS equipped - RADAR required for procedure entry.
From GEEEO: RNAV 1- GPS required.

Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

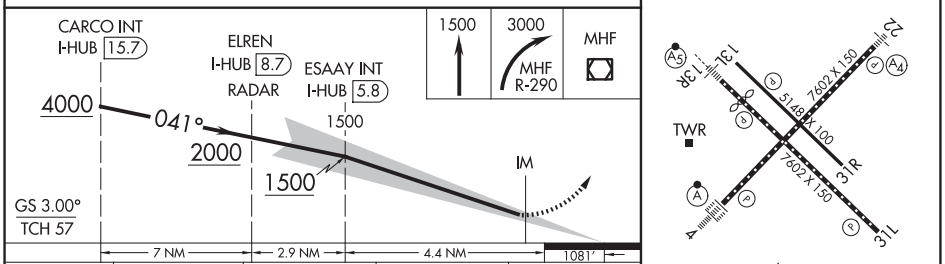
ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 on MHF VOR/DME R-290 to MHF VOR/DME and hold.

D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	



ELEV 46 | D | TDZE 44



CATEGORY	A	B	C	D
S-ILS 4	RA 146/14 150 DA 194			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R and 31L

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ILS RWY 4 (CAT II & III)
WILLIAM P HOBBY (HOU)

LOC/DME I-HUB	APP CRS	Rwy ldg	7602
109.9	041°	TDZE	44
Chan 36		Apt Elev	46

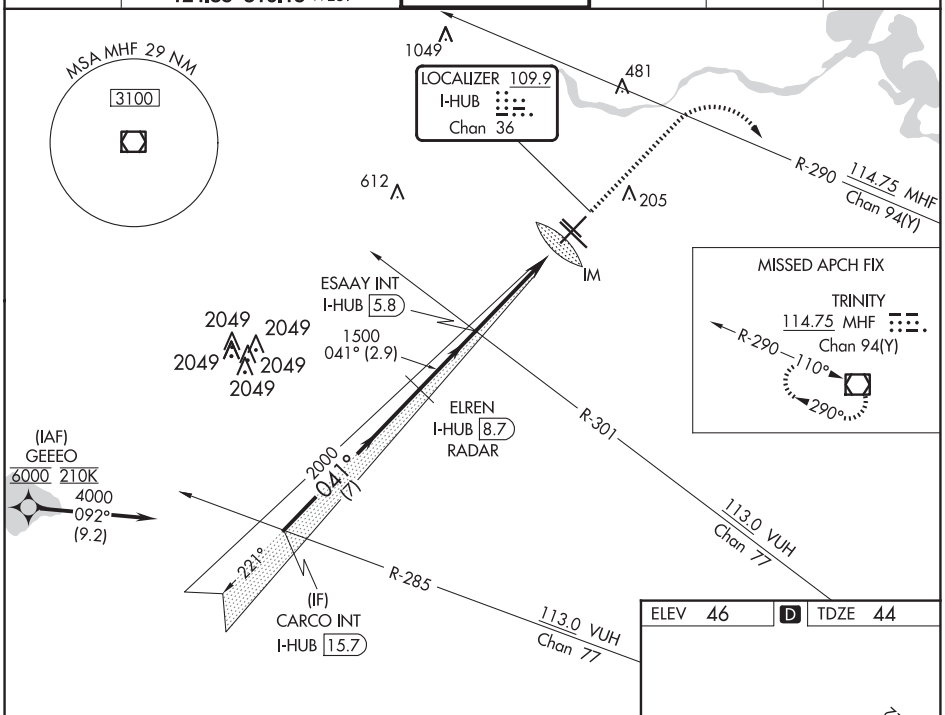
Aircraft not GPS equipped - RADAR required for procedure entry.
From GEEEO: RNAV 1- GPS required.

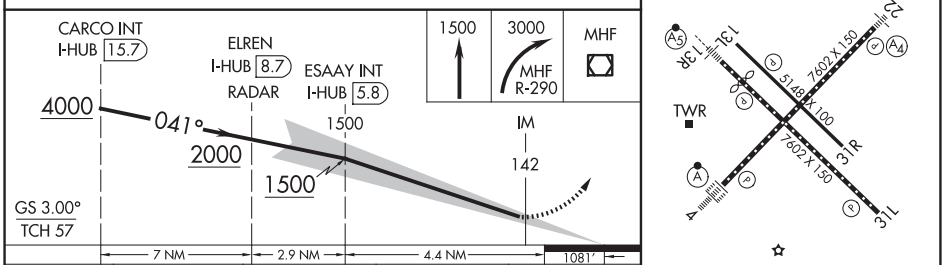
CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 on MHF VOR/DME R-290 to MHF VOR/DME and hold.

D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	





CATEGORY	A	B	C	D
S-ILS 4	CAT II RA 100/12 100 DA 144			
S-ILS 4	CAT III RVR 06			

REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R and 31L

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

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WAAS CH 86209 W04A	APP CRS 041°	Rwy ldg 7602 TDZE 44 Apt Elev 46

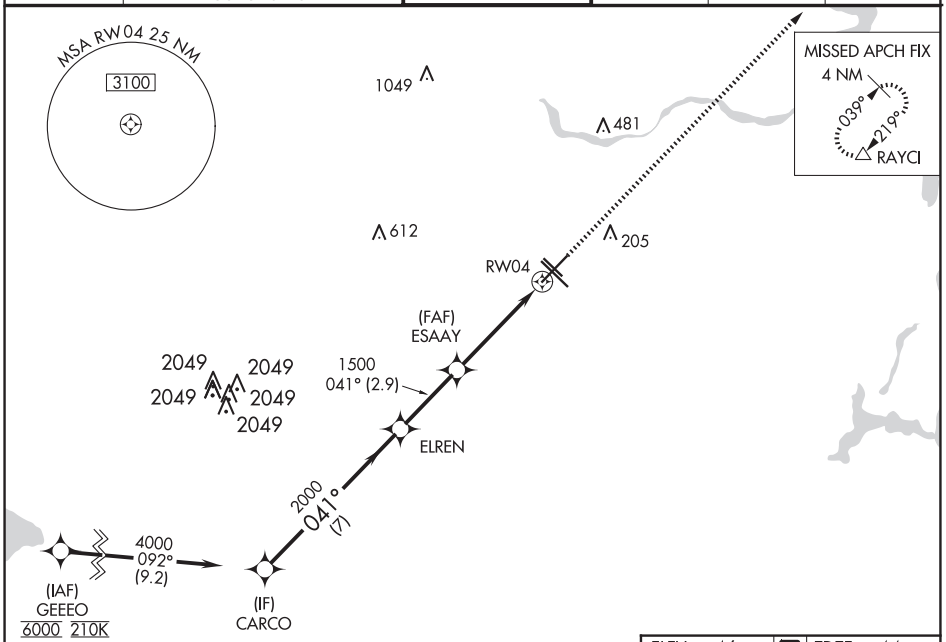
RNAV (GPS) RWY 4
WILLIAM P HOBBY (HOU)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -2°C (29°F) or above 54°C (130°F). For inop ALSF-2, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to 1¼ miles and LNAV Cat C/D/E visibility to 1⅜ mile. DME/DME RNP-0.3 NA.

ALSF-2

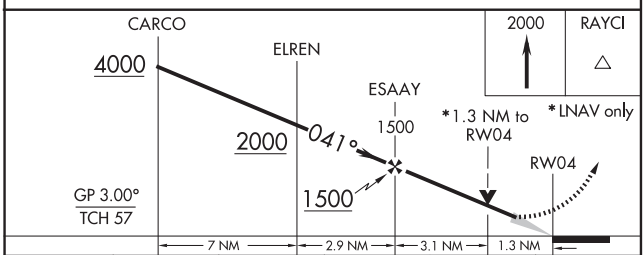
MISSED APPROACH: Climb to 2000 direct RAYCI and hold.

D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	



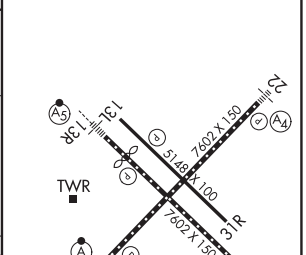
SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025



CATEGORY	A	B	C	D	E
LPV DA	244/18 200 (200-½)				
LNAV/VNAV DA	440/45 396 (400-⅞)				
LNAV MDA	520/24 476 (500-½)		520/50 476 (500- 1)		
C CIRCLING	520-1 474 (500-1)		740-2¼ 694 (500-2¼)	860-3 814 (900-3)	

ELEV 46 | D | TDZE 44



REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R and 31L

RNAV (GPS) RWY 13R
WILLIAM P HOBBY (HOU)

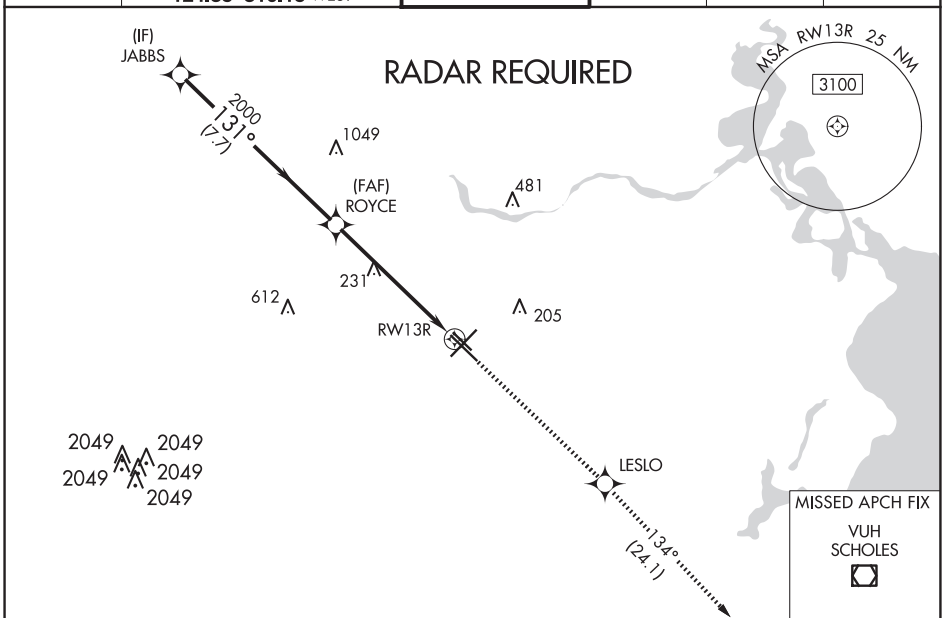
WAAS CH 70310 W13A	APP CRS 131°	Rwy ldg 6568 TDZE 46 Apt Elev 46

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. DME/DME RNP-0.3 NA. For inop ALS, increase LPV all Cats visibility to RVR 5000; increase LNAV/VNAV Cats A/B/C/D visibility to 1⅜ SM, Cat E to 1½ SM; and increase LNAV Cats A/B visibility to RVR 5500, Cats C/D to 1⅜ SM, Cat E to 1¾ SM. Rwy 13R helicopter visibility reduction below ¾ SM NA.

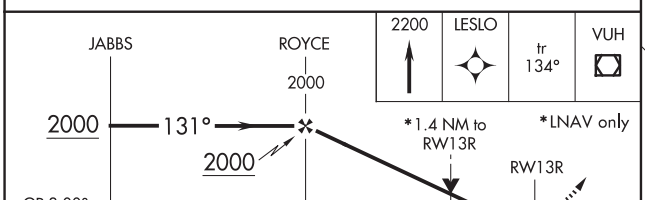
MALSR

MISSED APPROACH: Climb to 2200 direct LESLO and on track 134° to VUH VOR/DME.

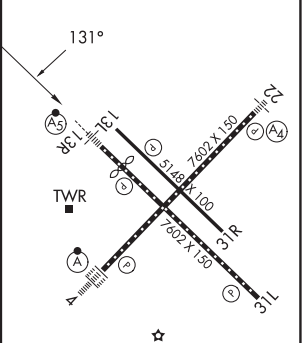
D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	



ELEV 46 | D | TDZE 46



CATEGORY	A	B	C	D	E
LPV DA	330/40 284 (300-¾)				
LNAV/VNAV DA	475/50 429 (500-1)				
LNAV MDA	540/40 494 (500-¾)		540/50 494 (500-1)		540/60 494 (500-1¼)
C CIRCLING	540-1 494 (500-1)		740-2¼ 694 (700-2¼)		860-3 814 (900-3)



REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R and 31L

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RNAV (GPS) RWY 22
WILLIAM P HOBBY (HOU)

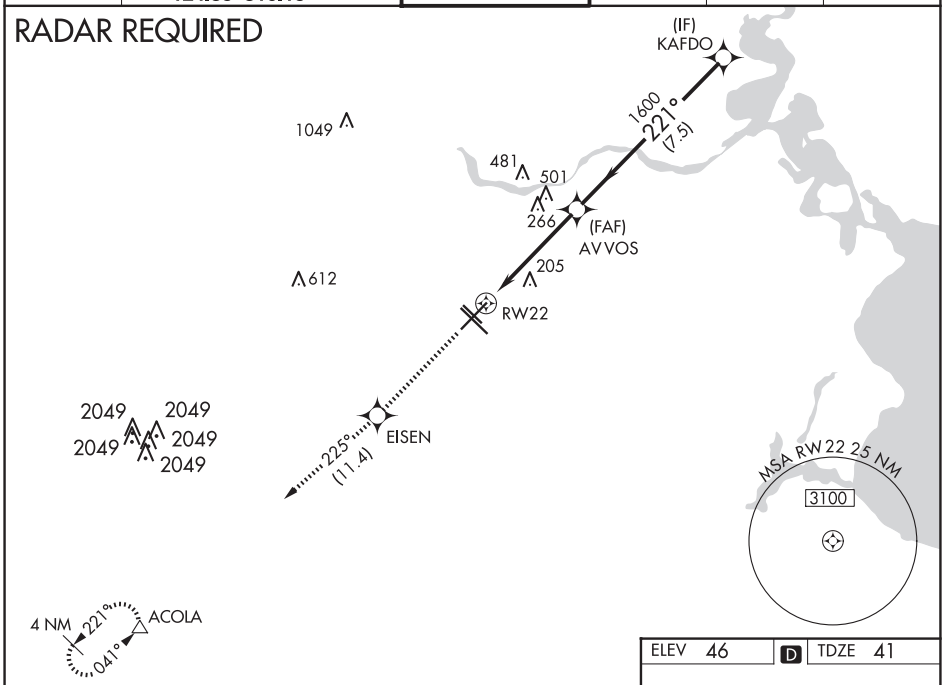
WAAS CH 65610 W22A	APP CRS 221°	Rwy ldg 7602 TDZE 41 Apt Elev 46

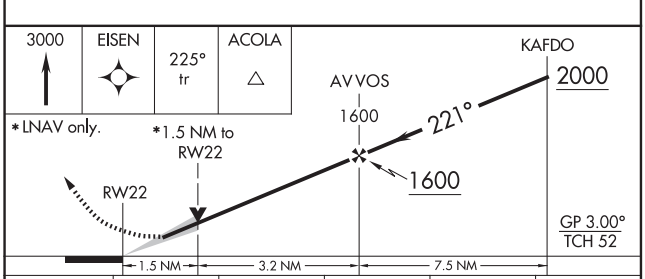
RNP APCH.
Inop table does not apply to LPV, LNAV/VNAV all Cats, and LNAV Cat C. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F).

MALS

MISSED APPROACH: Climb to 3000 direct EISEN and on track 225° to ACOLA and hold.

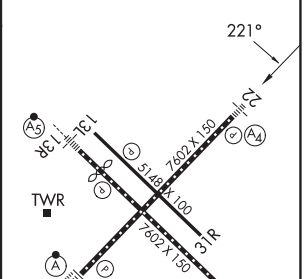
D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	





CATEGORY	A	B	C	D	E
LPV DA	360-1 319 (400-1)				
LNAV/VNAV DA	480-1½ 439 (500-1½)				
LNAV MDA	580-¾ 539 (600-¾)		580-1½ 539 (600-1½)	580-1¾ 539 (600-1¾)	580-2 539 (600-2)
C CIRCLING	580-1 534 (600-1)		580-1½ 534 (600-1½)	740-2¼ 694 (700-2¼)	820-2¾ 774 (800-2¾)

ELEV 46 D TDZE 41



REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R and 31L

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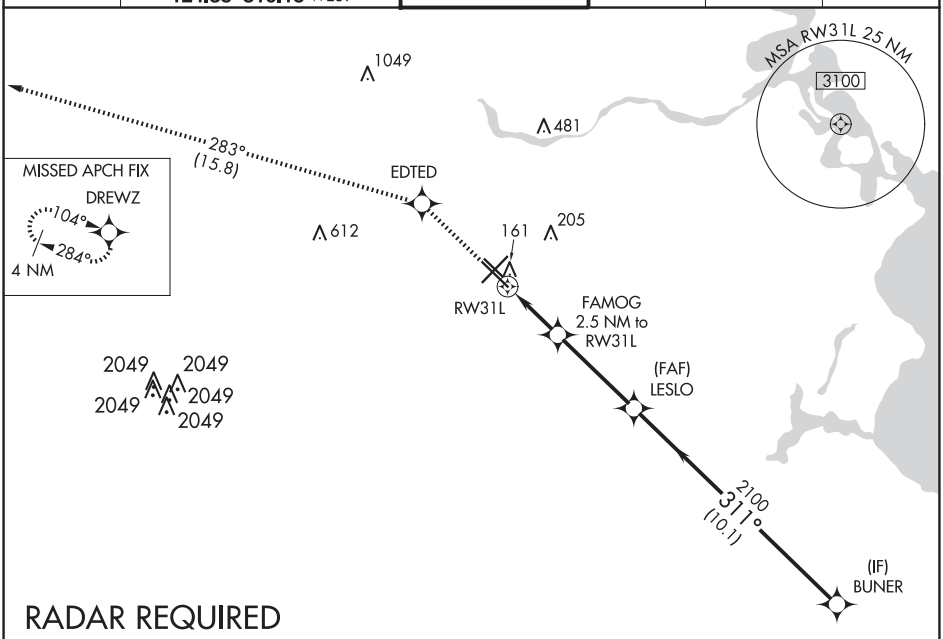
RNAV (GPS) RWY 31L
WILLIAM P HOBBY (HOU)

WAAS CH 77510 W31A	APP CRS 311°	Rwy ldg 7602 TDZE 43 Apt Elev 46

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 43°C (109°F). DME/DME RNP-0.3 NA.

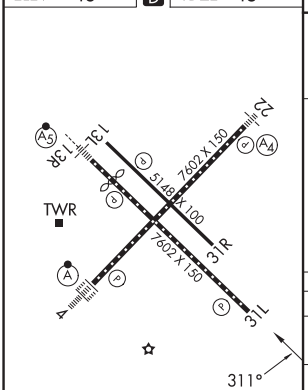
MISSED APPROACH: Climb to 2000 direct EDTED and on track 283° to DREWZ and hold.

D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	

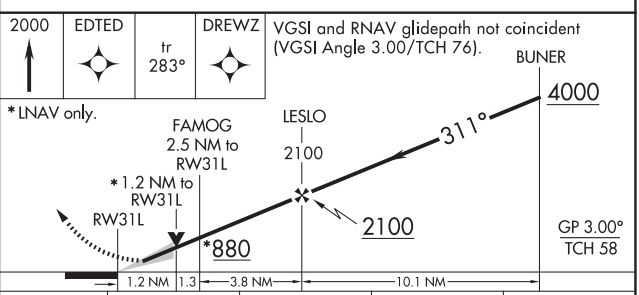


RADAR REQUIRED

ELEV 46	D	TDZE 43



REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R and 31L



CATEGORY	A	B	C	D
LPV DA	243/40 200 (200-¾)			
LNAV/VNAV DA	323/45 280 (300-⅞)			
LNAV MDA	500/55 457 (500-1)		500-1⅜ 457 (500-1⅜)	
C CIRCLING	500-1 454 (500-1)	520-1 474 (500-1)	740-2¼ 694 (700-2¼)	

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LOC RWY 22
WILLIAM P HOBBY (HOU)

LOC/DME I-OIB	APP CRS	Rwy ldg	7602
109.9	221°	TDZE	41
Chan 36		Apt Elev	46

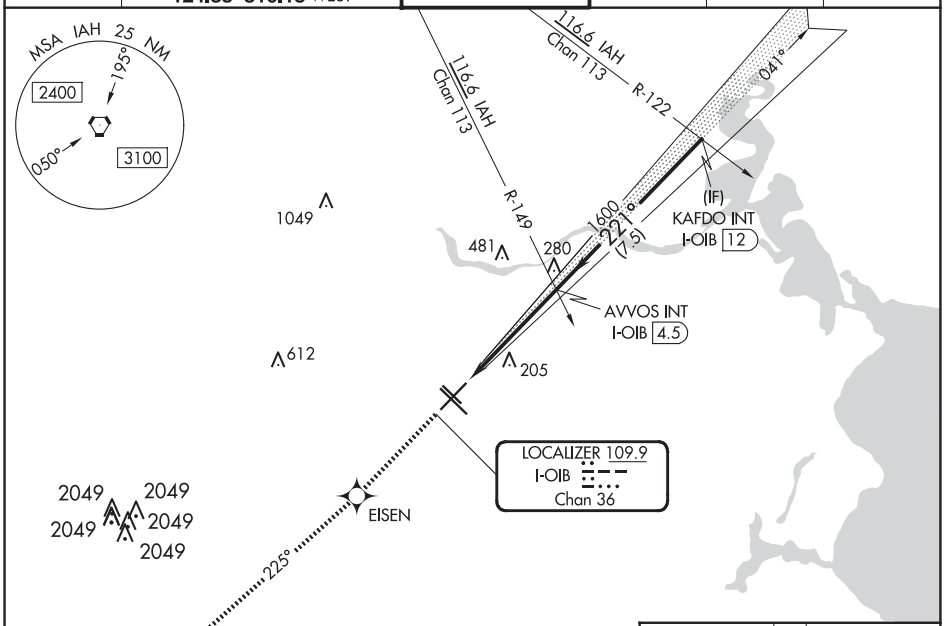
RNAV 1-GPS required. RADAR required for procedure entry.

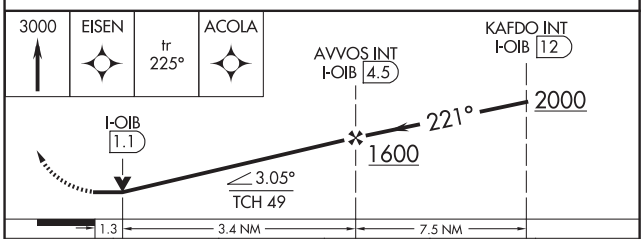
For inop ALS, increase S-LOC 22 Cat C/D/E visibility to 1⅜ SM.

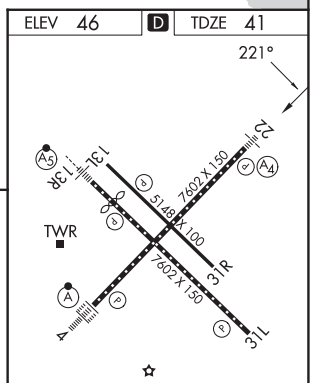
MALS

MISSED APPROACH: Climb to 3000 direct EISEN and on track 225° to ACOLA and hold.

D-ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL	CPDLC
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45	







REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rwys 4-22 and 13R-31L
TDZ/CL Rwys 4, 13R, and 31L

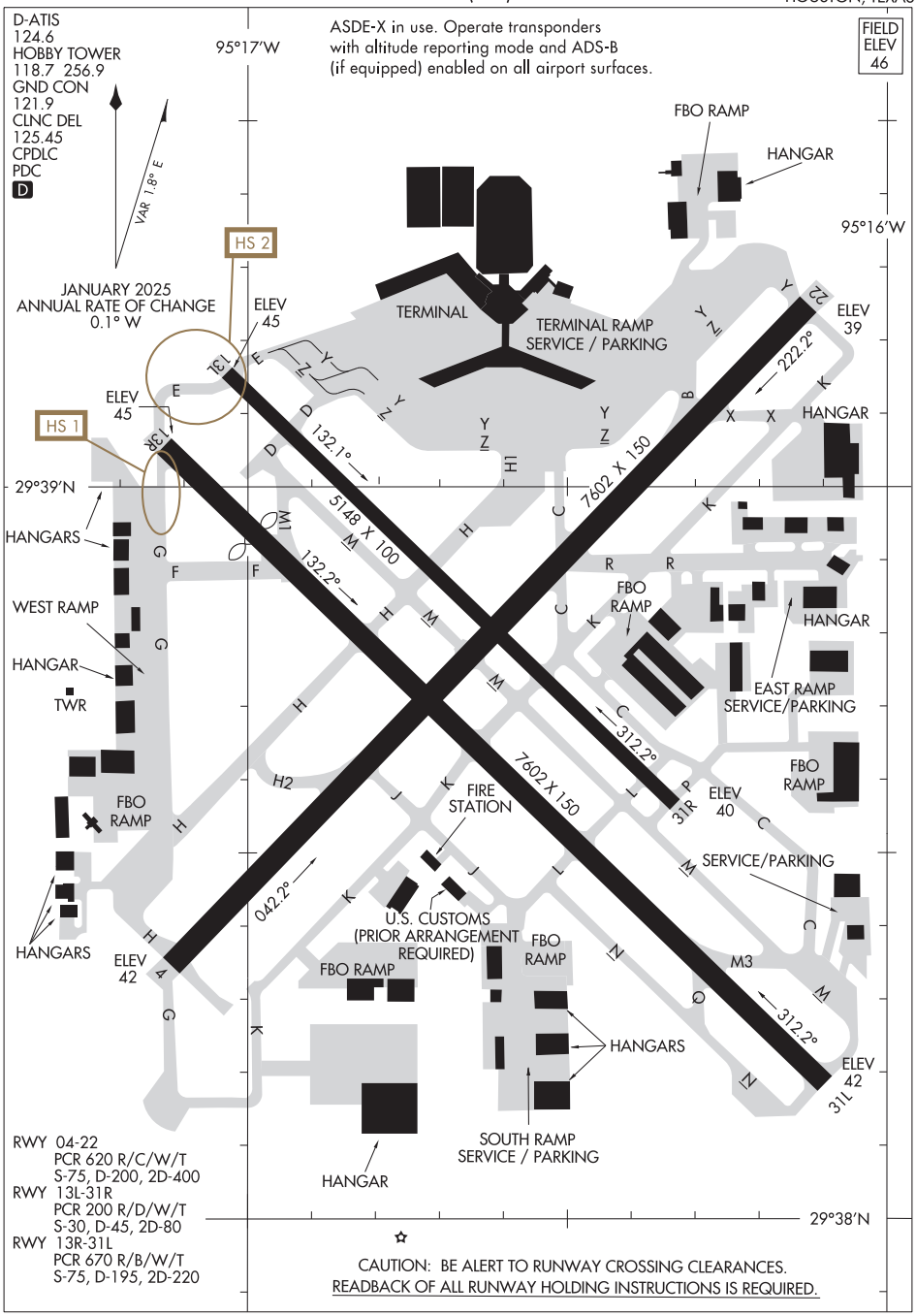
CATEGORY	A	B	C	D	E
S-LOC 22	500-¾ 459 (500-¾)		500-1 459 (500-1)		
C CIRCLING	500-1 454 (500-1)	520-1 474 (500-1)	540-1½ 494 (500-1½)	740-2¼ 694 (700-2¼)	820-2¾ 774 (800-2¾)

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

SC-5, 12 JUN 2025 to 07 AUG 2025

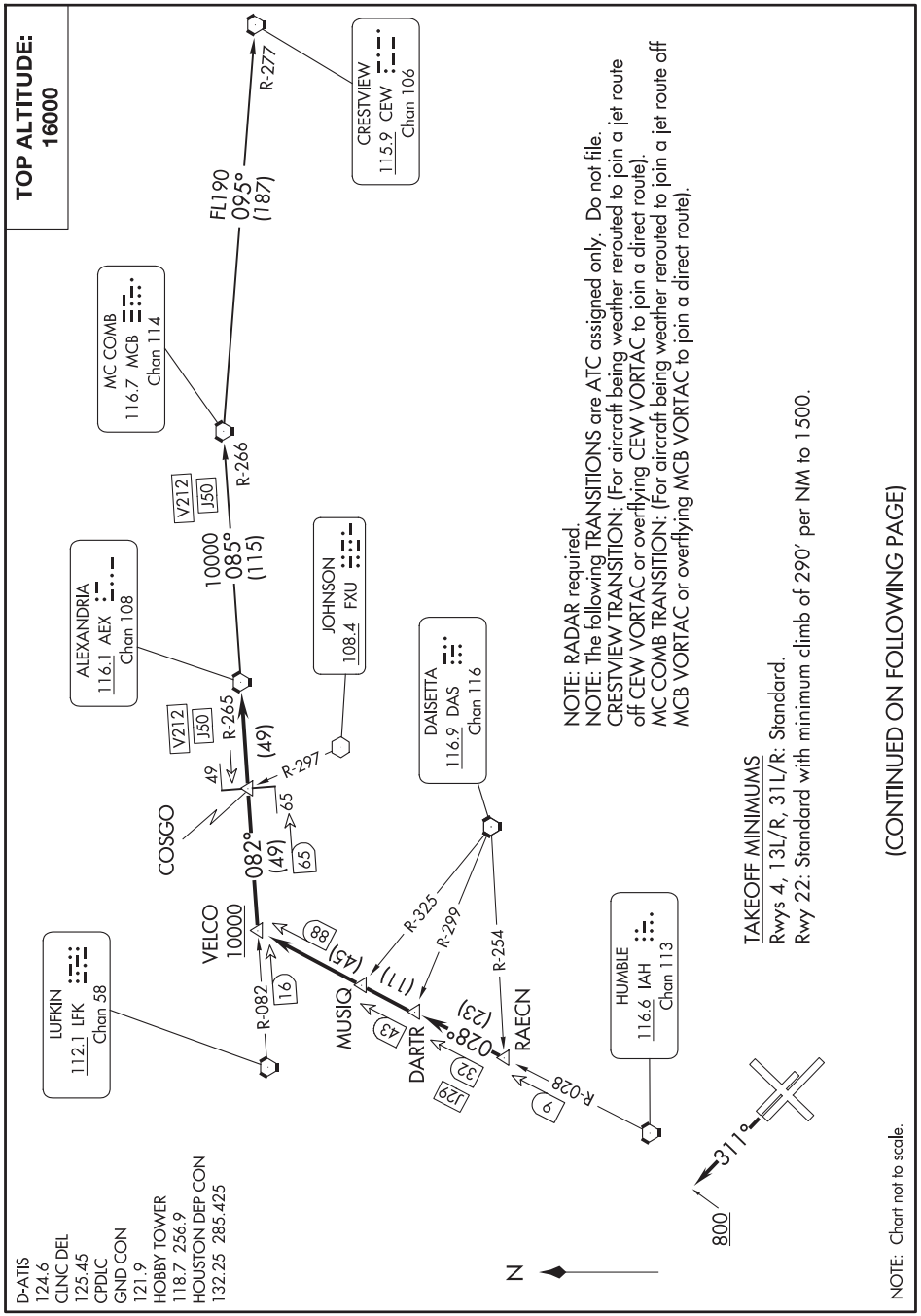
SC-5, 12 JUN 2025 to 07 AUG 2025



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ALEXANDRIA THREE DEPARTURE



ALEXANDRIA THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4, 13L/R, 22: Climb on assigned heading for RADAR vectors to RAECN INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 800 before turning, then climb on assigned heading for RADAR vectors to RAECN INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

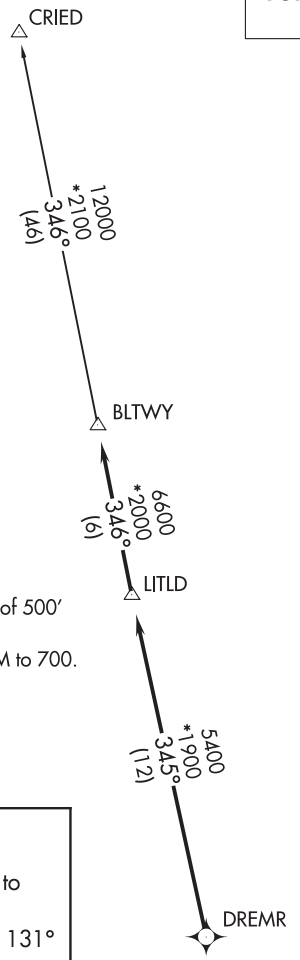
(BLTWY7.BLTWY) 21280 AL-198 (FAA)

BLTWY SEVEN DEPARTURE (RNAV)

WILLIAM P HOBBY (HOU)
HOUSTON, TEXAS

D-ATIS 124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000

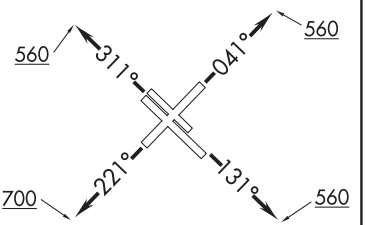


NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R: Standard with minimum climb of 500′ per NM to 560.
Rwy 22: Standard with minimum climb of 500′ per NM to 700.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 700 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560 for RADAR vectors to DREMR, thence . . . .

. . . . on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

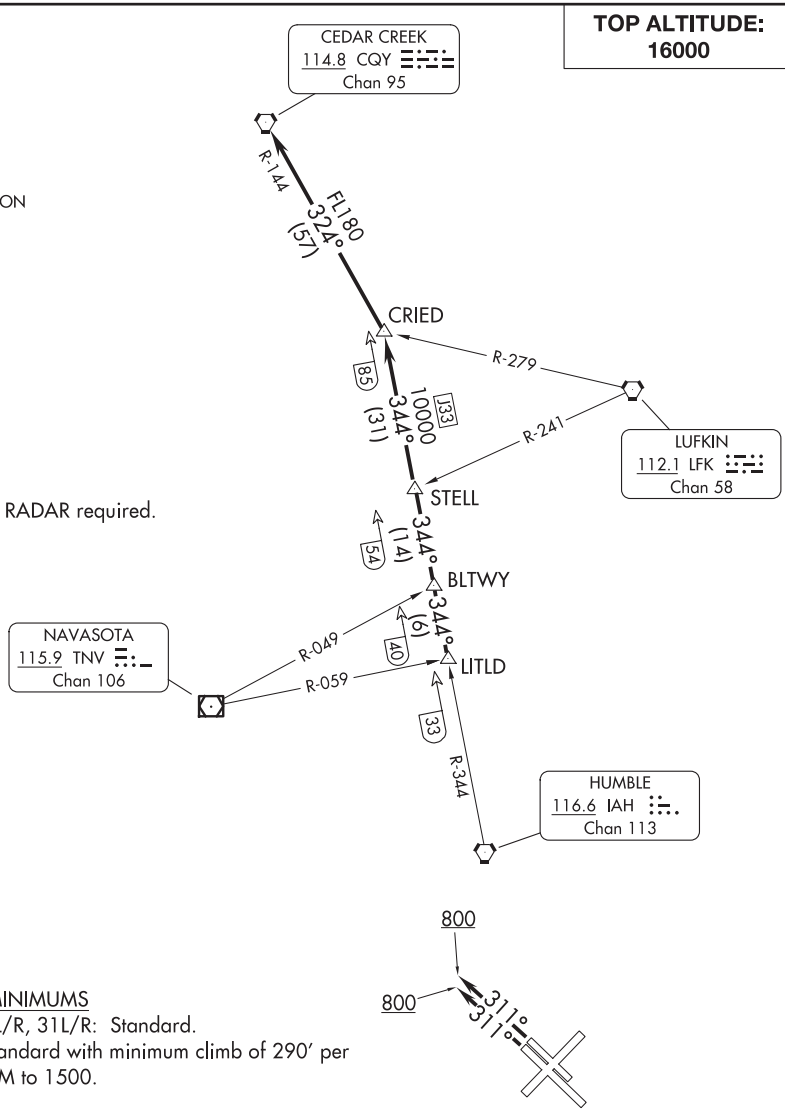
SC-5, 12 JUN 2025 to 07 AUG 2025

CRIED ONE DEPARTURE

AL-198 (FAA)

TOP ALTITUDE: 16000

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425



NOTE: RADAR required.

TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R: Standard.
Rwy 22: Standard with minimum climb of 290′ per NM to 1500.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4, 13L/R, 22: Climb on assigned heading for RADAR vectors to LITLD INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 800 before turning, then climb on assigned heading for RADAR vectors to LITLD INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

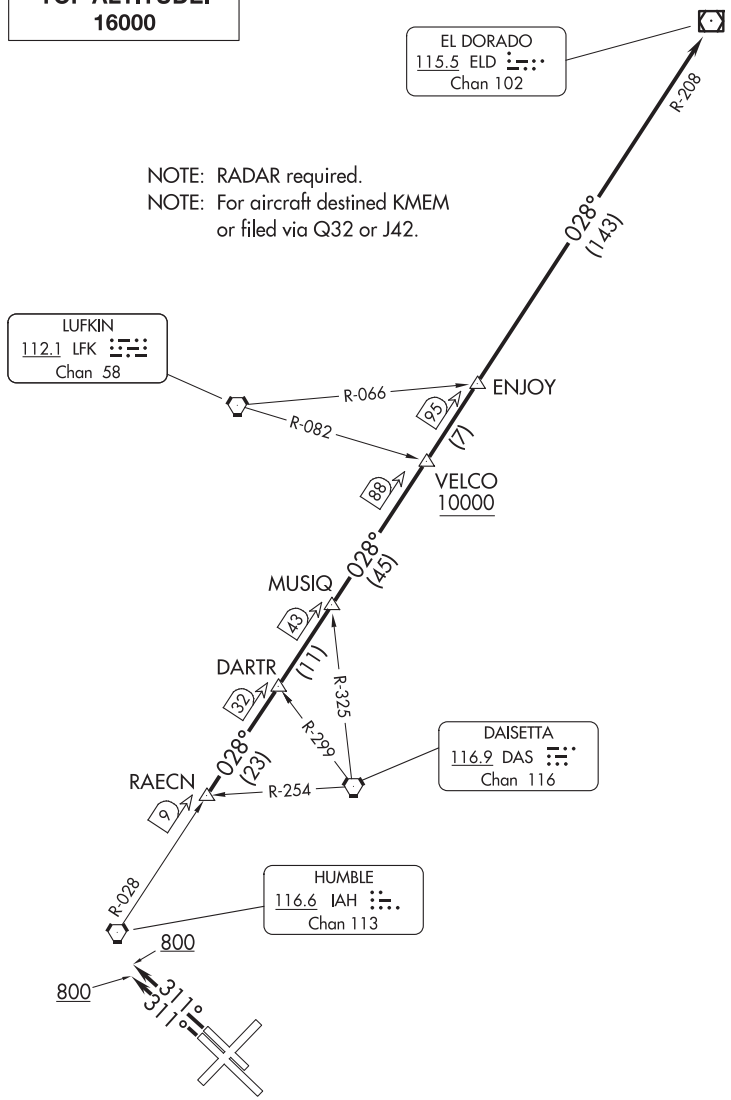
. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

EL DORADO ONE DEPARTURE

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000

NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.



TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R: Standard.
Rwy 22: Standard with minimum climb of 290′ per NM to 1500.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4, 13L/R, 22: Climb on assigned heading for RADAR vectors to RAECN INT, maintain 16000, expect filed altitude 10 minutes after departure, thence. . . .

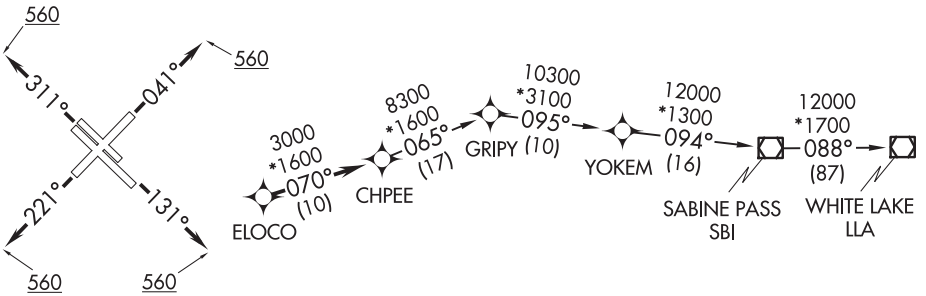
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 800 before turning, then climb on assigned heading for RADAR vectors to RAECN INT, maintain 16000, expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

TOP ALTITUDE: 16000

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
127.125 269.075 281.4

TAKEOFF MINIMUMS
Rwys 4, 13L/R, 22, 31L/R:
Standard with minimum climb of 500′ per NM to 560.



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

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560, expect RADAR vectors to ELOCO, thence . . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560, expect RADAR vectors to ELOCO, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 560, expect RADAR vectors to ELOCO, thence . . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560, expect RADAR vectors to ELOCO, thence . . . .

. . . . on track 070° to CHPEE, then on (transition). Maintain 16000, expect filed altitude 10 minutes after departure.

WHITE LAKE TRANSITION (ELOCO6.LLA)

(GIFFA1.GIFFA) 24193

GIFFA ONE DEPARTURE

AL-198 (FAA)

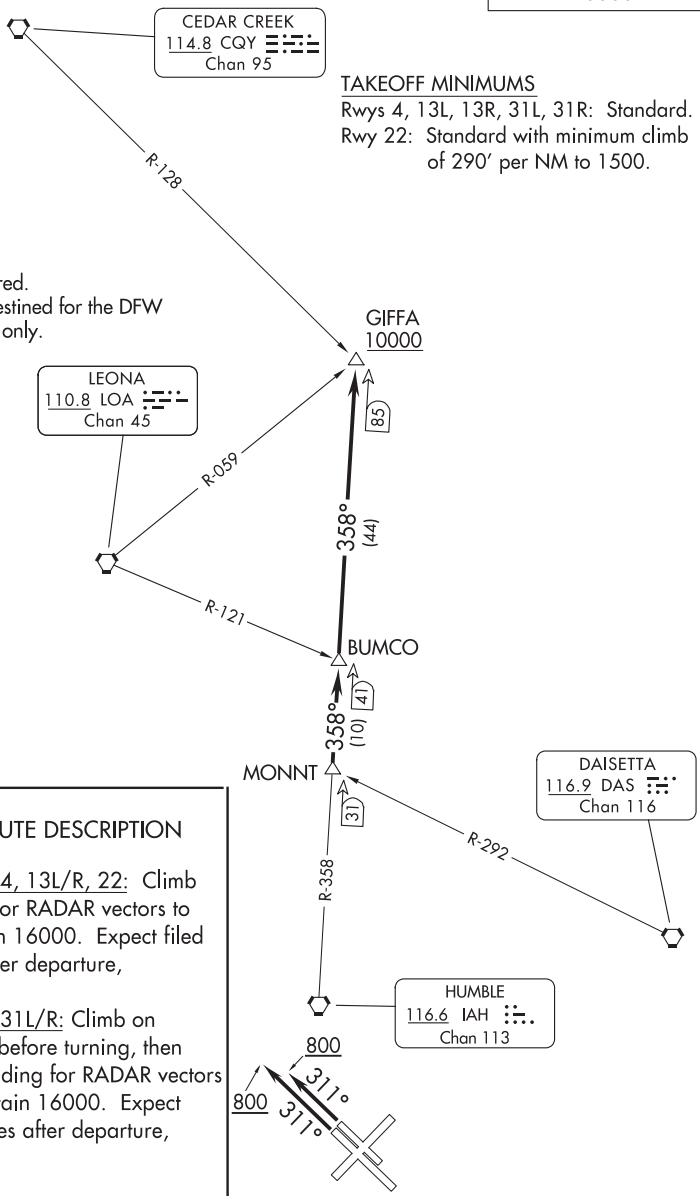
WILLIAM P HOBBY (HOU)
HOUSTON, TEXAS

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000

TAKEOFF MINIMUMS
Rwys 4, 13L, 13R, 31L, 31R: Standard.
Rwy 22: Standard with minimum climb of 290′ per NM to 1500.

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4, 13L/R, 22: Climb on assigned heading for RADAR vectors to MONNT INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 800 before turning, then climb on assigned heading for RADAR vectors to MONNT INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

GIFFA ONE DEPARTURE
(GIFFA1.GIFFA) 07OCT21
HOUSTON, TEXAS
WILLIAM P HOBBY (HOU)

HOODO SEVEN DEPARTURE (RNAV)
(HOODO7.HOODO) 07OCT21

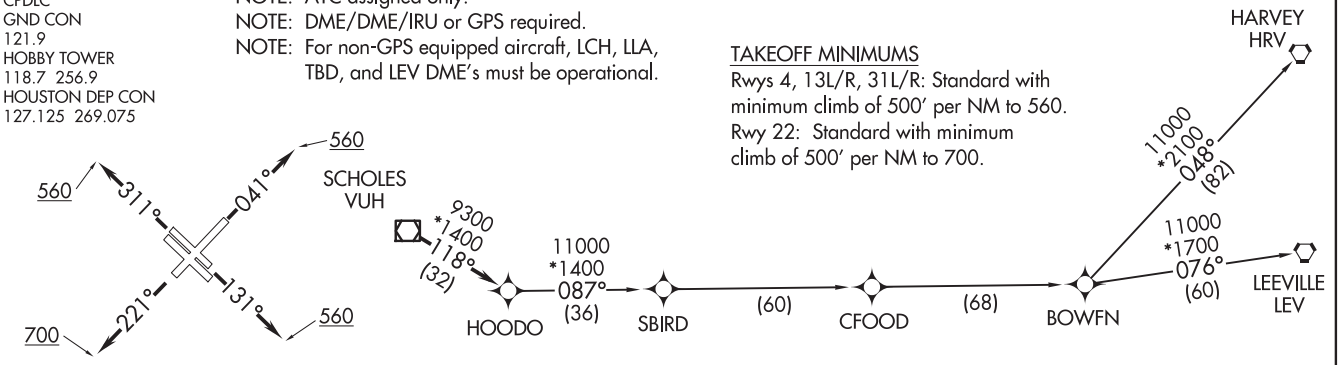
HOUSTON, TEXAS
WILLIAM P HOBBY (HOU)

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
127.125 269.075

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TOP ALTITUDE: 16000

TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R: Standard with minimum climb of 500' per NM to 560.
Rwy 22: Standard with minimum climb of 500' per NM to 700.



N

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 700, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain 16000.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(HOODO7.HOODO) 21280
HOODO SEVEN DEPARTURE (RNAV)
AL-198 (FAA)
WILLIAM P HOBBY (HOU)
HOUSTON, TEXAS

(INDIE8.INDIE) 21280

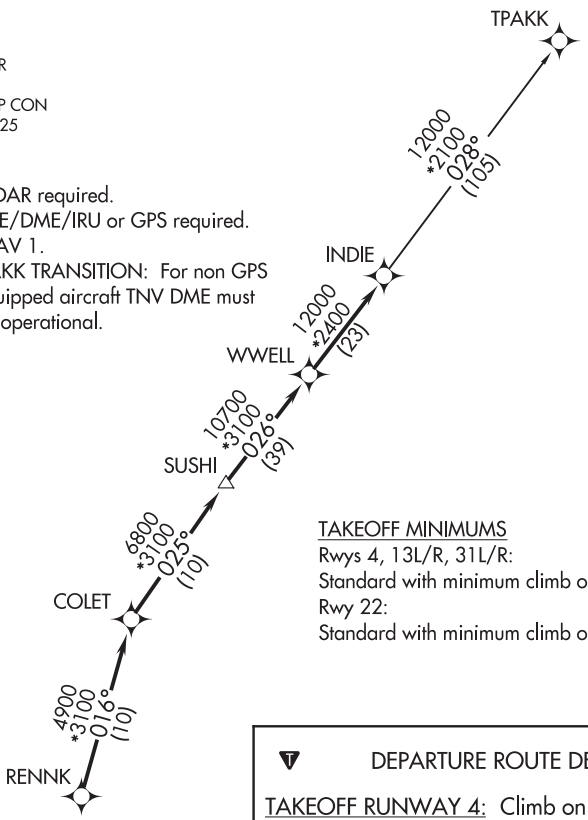
INDIE EIGHT DEPARTURE (RNAV)

WILLIAM P HOBBY (HOU)
HOUSTON, TEXAS

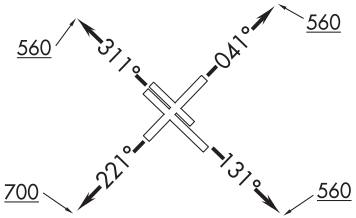
TOP ALTITUDE: 16000

D-ATIS 124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R:
Standard with minimum climb of 500′ per NM to 560.
Rwy 22:
Standard with minimum climb of 500′ per NM to 700.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 700 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

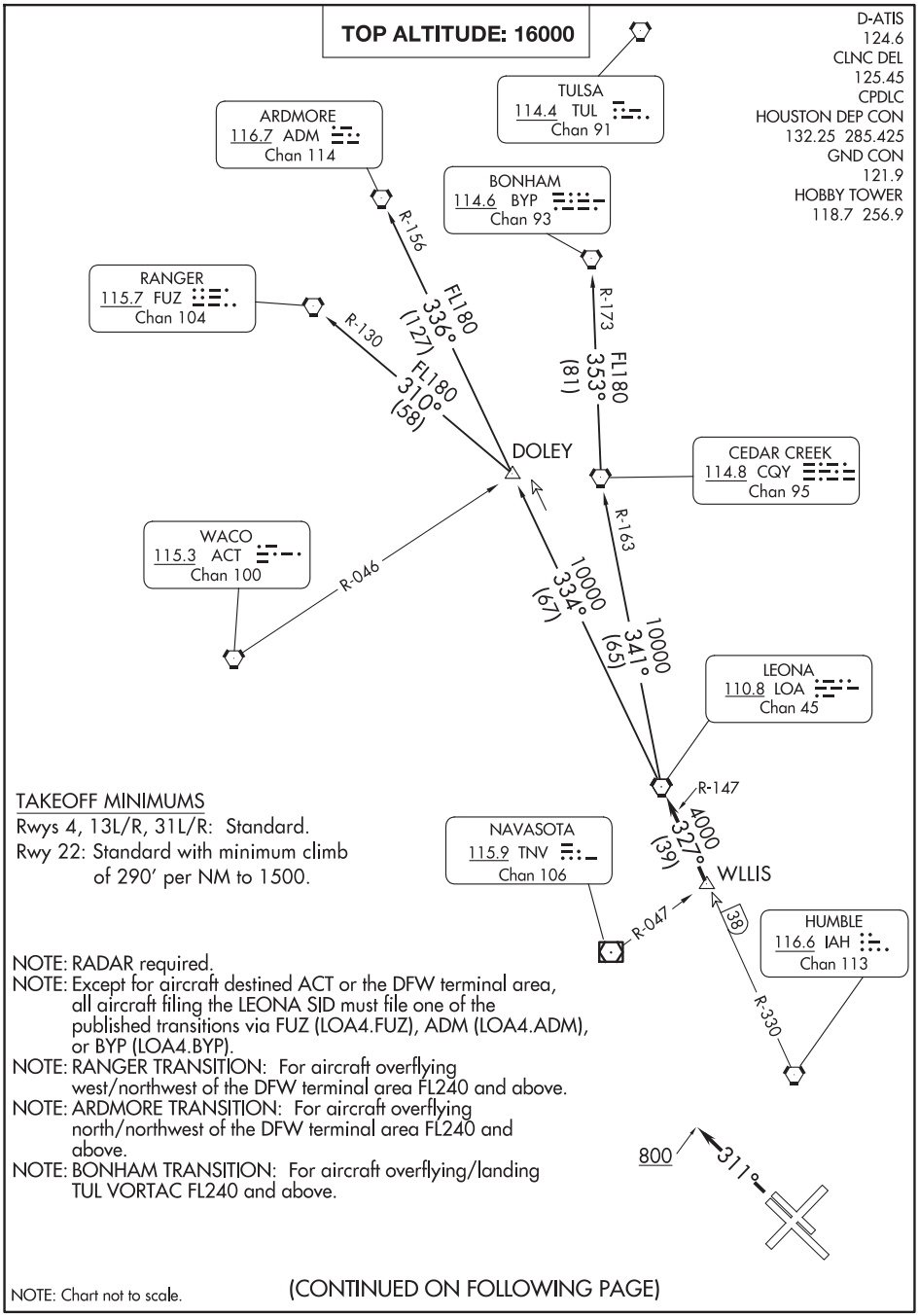
TPAKK TRANSITION (INDIE8.TPAKK)

SC-5, 12 JUN 2025 to 07 AUG 2025

INDIE EIGHT DEPARTURE (RNAV)
(INDIE8.INDIE) 07OCT21
HOUSTON, TEXAS
WILLIAM P HOBBY (HOU)

LEONA FOUR DEPARTURE

AL-198 (FAA)



TAKEOFF MINIMUMS

Rwys 4, 13L/R, 31L/R: Standard.

Rwy 22: Standard with minimum climb of 290′ per NM to 1500.

NOTE: RADAR required.

NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).

NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.

NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.

NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4, 13L/R, 22: Climb on assigned heading for RADAR vectors to WLLIS INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 800 before turning, then climb on assigned heading for RADAR vectors to WLLIS INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

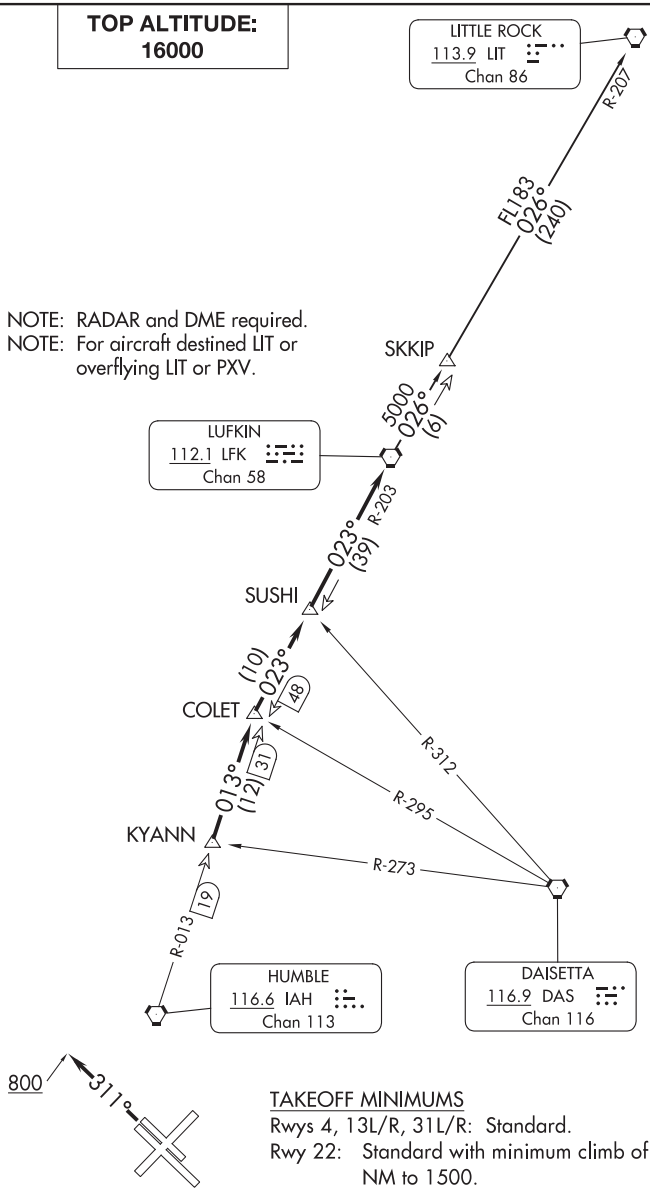
SC-5, 12 JUN 2025 to 07 AUG 2025

LUFKIN THREE DEPARTURE

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000

NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.



TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R: Standard.
Rwy 22: Standard with minimum climb of 290′ per NM to 1500.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4, 13L/R, 22: Climb on assigned heading for RADAR vectors to KYANN INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 800 before turning, then climb on assigned heading for RADAR vectors to KYANN INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

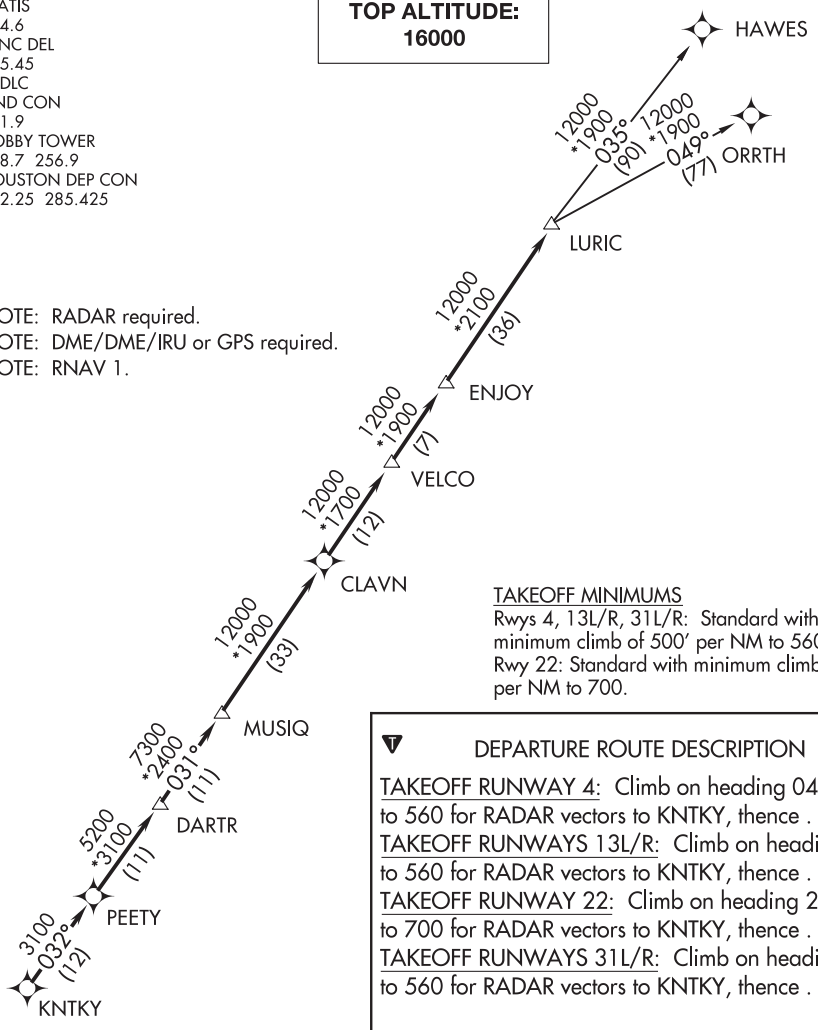
SC-5, 12 JUN 2025 to 07 AUG 2025

LURIC EIGHT DEPARTURE (RNAV)

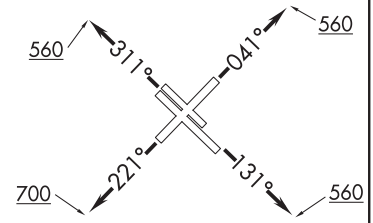
D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000

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



TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R: Standard with minimum climb of 500′ per NM to 560.
Rwy 22: Standard with minimum climb of 500′ per NM to 700.



NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 700 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

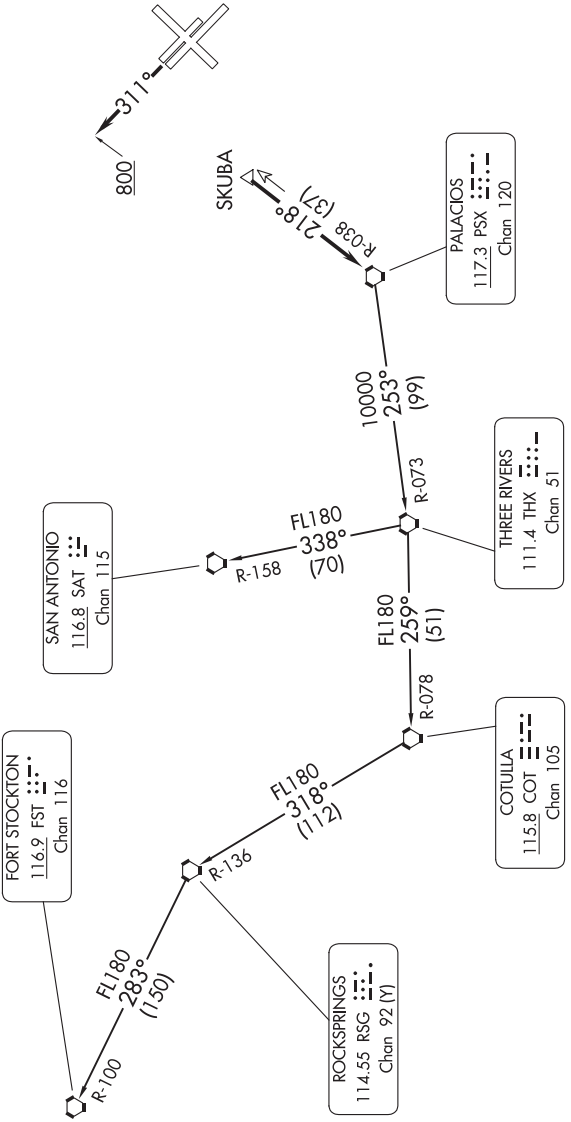
PALACIOS THREE DEPARTURE

HOUSTON, TEXAS

TOP ALTITUDE: 16000

RADAR and DME required.

TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R: Standard.
Rwy 22: Standard with minimum climb of 290′ per NM to 1500.



D-ATIS 124.6
CLNC DEL 125.45
CPDLC
GND CON 121.9
HOBBY TOWER 118.7 256.9
HOUSTON DEP CON 127.125 269.075

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS THREE DEPARTURE HOUSTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4, 13L/R, 22: Climb on assigned heading for RADAR vectors to SKUBA, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 800 before turning, then climb on assigned heading for RADAR vectors to SKUBA, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

(PEECE6.PEECE) 22027

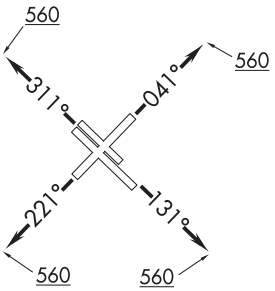
AL-198 (FAA)

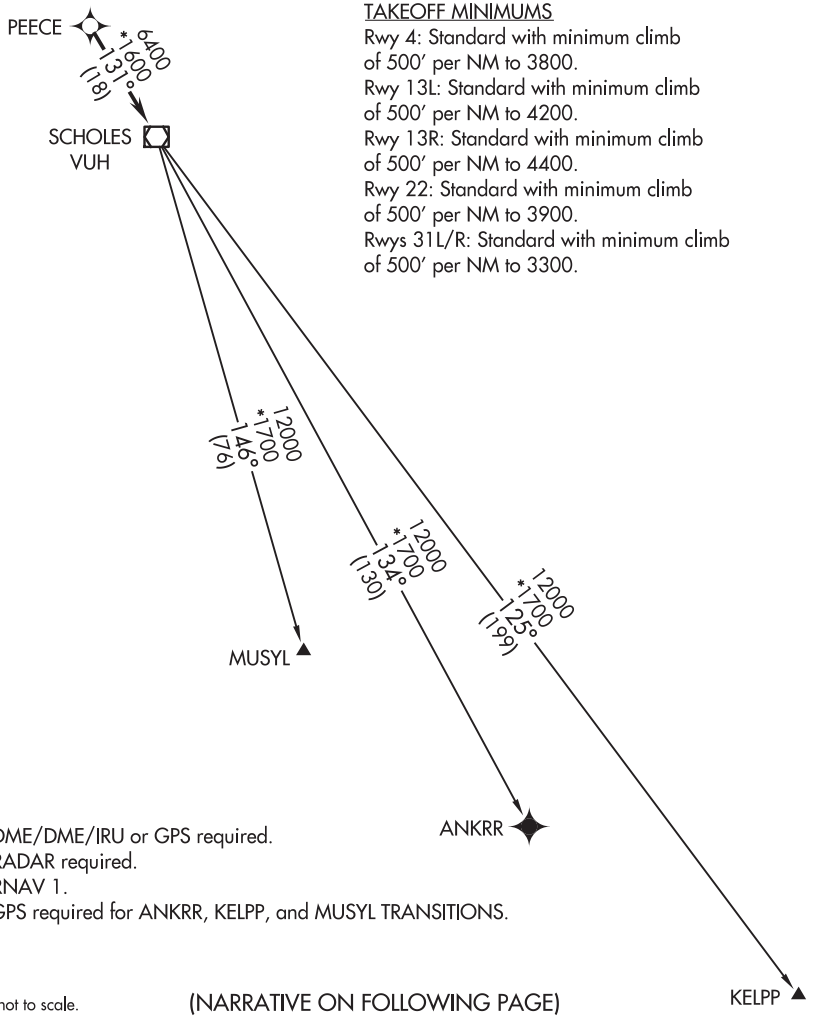
PEECE SIX DEPARTURE (RNAV)

WILLIAM P HOBBY (HOU)
HOUSTON, TEXAS

TOP ALTITUDE: 16000

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
127.125 269.075





TAKEOFF MINIMUMS
Rwy 4: Standard with minimum climb of 500′ per NM to 3800.
Rwy 13L: Standard with minimum climb of 500′ per NM to 4200.
Rwy 13R: Standard with minimum climb of 500′ per NM to 4400.
Rwy 22: Standard with minimum climb of 500′ per NM to 3900.
Rwys 31L/R: Standard with minimum climb of 500′ per NM to 3300.

NOTE: DME/DME/IRU or GPS required.
NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: GPS required for ANKRR, KELPP, and MUSYL TRANSITIONS.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

PEECE SIX DEPARTURE (RNAV)

(PEECE6.PEECE) 27JAN22

HOUSTON, TEXAS
WILLIAM P HOBBY (HOU)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560, expect RADAR vectors to PEECE, thence. . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560, expect RADAR vectors to PEECE, thence. . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 560, expect RADAR vectors to PEECE, thence. . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560, expect RADAR vectors to PEECE, thence. . . .

. . . .on track 131° to VUH VOR/DME, then on (transition). Maintain 16000, expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (PEECE6.ANKRR)
KELPP TRANSITION (PEECE6.KELPP)
MUSYL TRANSITION (PEECE6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025

(PTRON9.PTRON) 22251 AL-198 (FAA) WILLIAM P HOBBY (HOU)

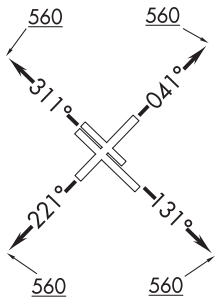
PTRON NINE DEPARTURE (RNAV)

HOUSTON, TEXAS

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
127.125 269.075

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

TOP ALTITUDE: 16000



TAKEOFF MINIMUMS
Rwy 4: Standard with minimum climb of 500′ per NM to 900.
Rwy 13L: Standard with minimum climb of 500′ per NM to 3600.
Rwy 13R: Standard with minimum climb of 500′ per NM to 3800.
Rwy 22: Standard with minimum climb of 500′ per NM to 1900.
Rwy 31L/R: Standard with minimum climb of 500′ per NM to 560.

SAALT
3700
*2200
191°
(4)
PTRON
11100
*2500
241°
(34)
SKUBA
10900
*3000
210°
(38)
12000
*2600
224°
(37)
PALACIOS
PSX
RIIGG
12000
*1800
221°
(64)
12000
*1700
228°
(115)
12000
*2100
206°
(53)
YOMOM
(17)
12000
*1600
249°
CORPUS CHRISTI
CRP
WWREN
TRUAX
NGP

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560, expect RADAR vectors to SAALT, thence. . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560, expect RADAR vectors to SAALT, thence. . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 560, expect RADAR vectors to SAALT, thence. . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560, expect RADAR vectors to SAALT, thence. . . .

. . . .on track 191° to PTRON, then on (transition). Maintain 16000, expect filed altitude 10 minutes after departure.

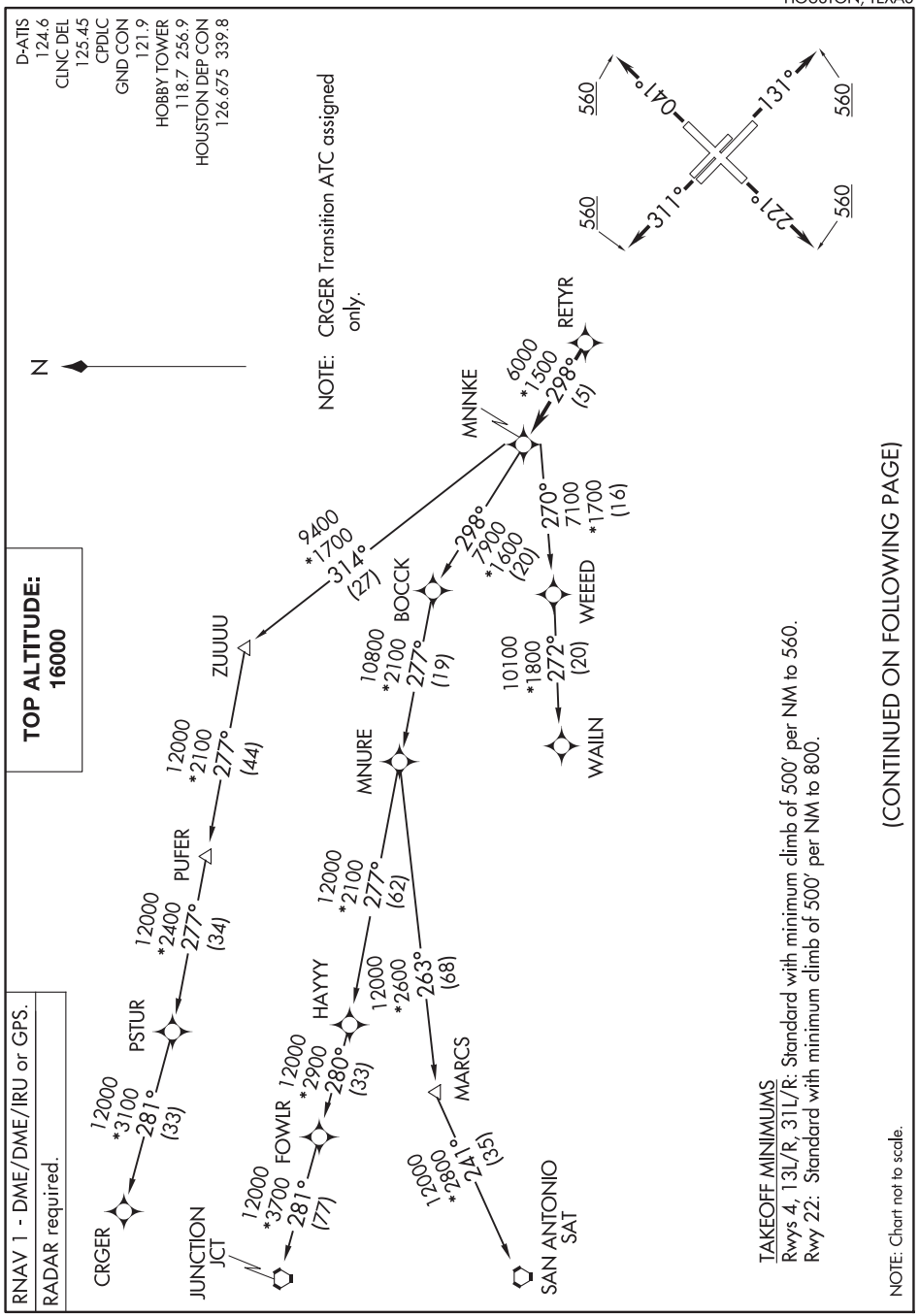
CORPUS CHRISTI TRANSITION (PTRON9.CRP)
PALACIOS TRANSITION (PTRON9.PSX)
TRUAX TRANSITION (PTRON9.NGP)
WWREN TRANSITION (PTRON9.WWREN)
YOMOM TRANSITION (PTRON9.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(RETYR8.RETYR) 25051 AL-198 (FAA)

RETYR EIGHT DEPARTURE (RNAV)

WILLIAM P HOBBY (HOU)
HOUSTON, TEXAS



(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

RETYR EIGHT DEPARTURE (RNAV)

(RETYR8.RETYR) 03NOV22

HOUSTON, TEXAS
WILLIAM P HOBBY (HOU)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560, expect RADAR vectors to RETYR, thence . . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560, expect RADAR vectors to RETYR, thence . . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 560, expect RADAR vectors to RETYR, thence . . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560, expect RADAR vectors to RETYR, thence . . . .

. . . . on track 298° to MNNKE, then on (transition). Maintain 16000, expect filed altitude 10 minutes after departure.

CRGER TRANSITION (RETYR8.CRGER)
JUNCTION TRANSITION (RETYR8.JCT)
MNURE TRANSITION (RETYR8.MNURE)
SAN ANTONIO TRANSITION (RETYR8.SAT)
WAILN TRANSITION (RETYR8.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025

(STRYA8.STRYA) 21280 AL-198 (FAA)

STRYA EIGHT DEPARTURE (RNAV)

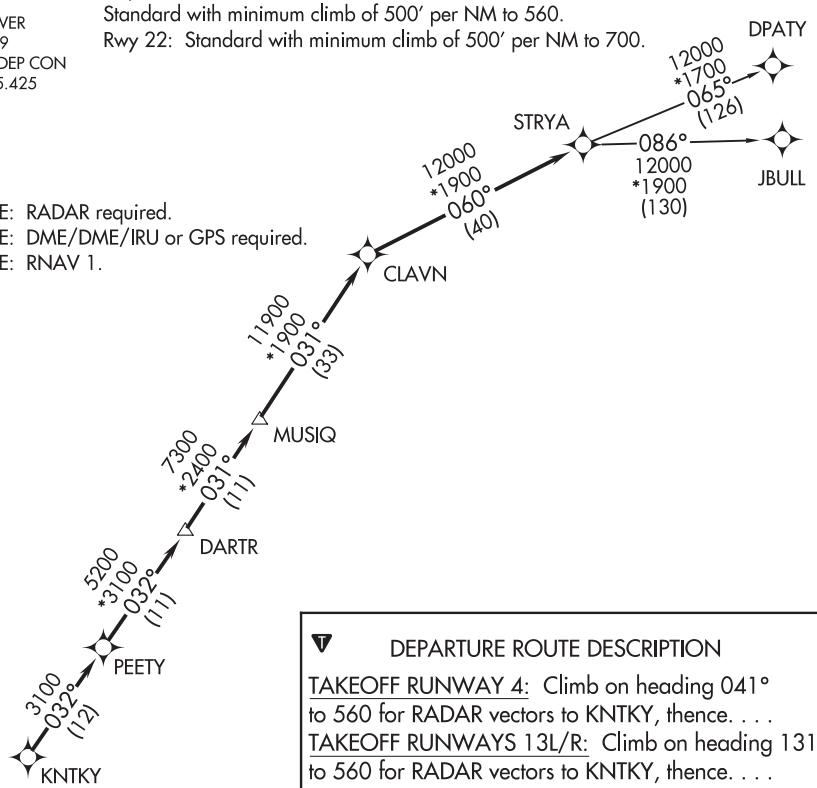
WILLIAM P HOBBY (HOU)
HOUSTON, TEXAS

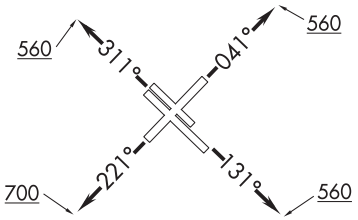
D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000

TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R:
Standard with minimum climb of 500′ per NM to 560.
Rwy 22: Standard with minimum climb of 500′ per NM to 700.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 700 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

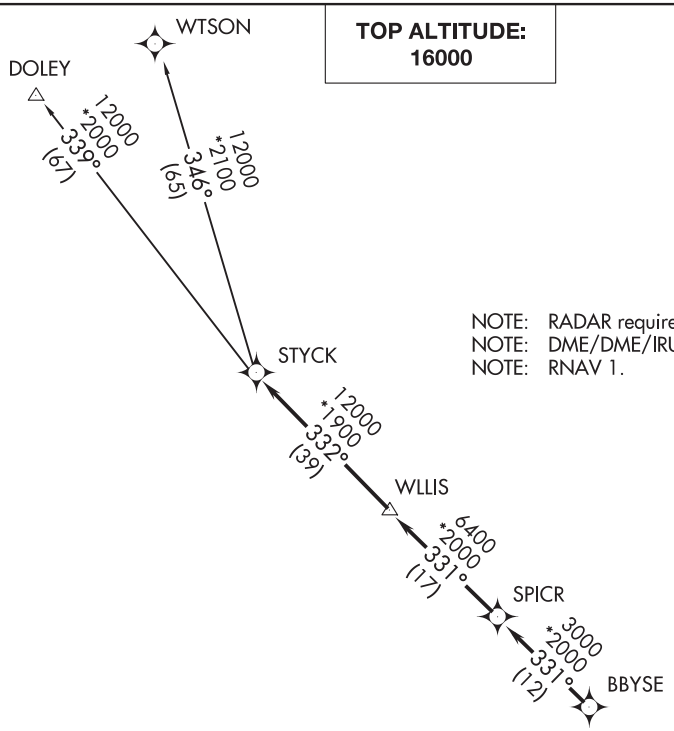
DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025

STYCK EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: 16000

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25



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

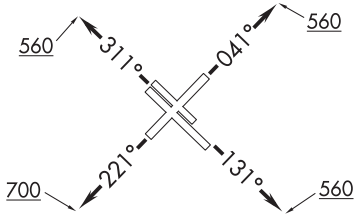
TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R: Standard with minimum climb of 500′ per NM to 560.
Rwy 22: Standard with minimum climb of 500′ per NM to 700.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 700 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)



NOTE: Chart not to scale.

(WYLSN8.WYLSN) 21280 AL-198 (FAA)

WYLSN EIGHT DEPARTURE (RNAV)

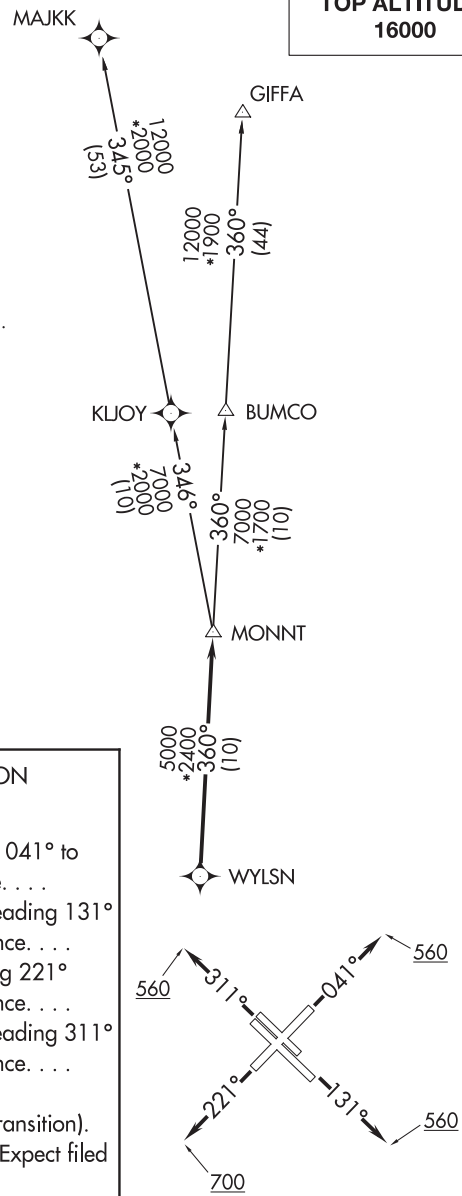
WILLIAM P HOBBY (HOU)
HOUSTON, TEXAS

D-ATIS
124.6
CLNC DEL
125.45
CPDLC
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

TOP ALTITUDE: 16000

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

TAKEOFF MINIMUMS
Rwys 4, 13L/R, 31L/R: Standard with minimum climb of 500′ per NM to 560.
Rwy 22: Standard with minimum climb of 500′ per NM to 700.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 041° to 560 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAYS 13L/R: Climb on heading 131° to 560 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 22: Climb on heading 221° to 700 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAYS 31L/R: Climb on heading 311° to 560 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain 16000 or as assigned by ATC. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

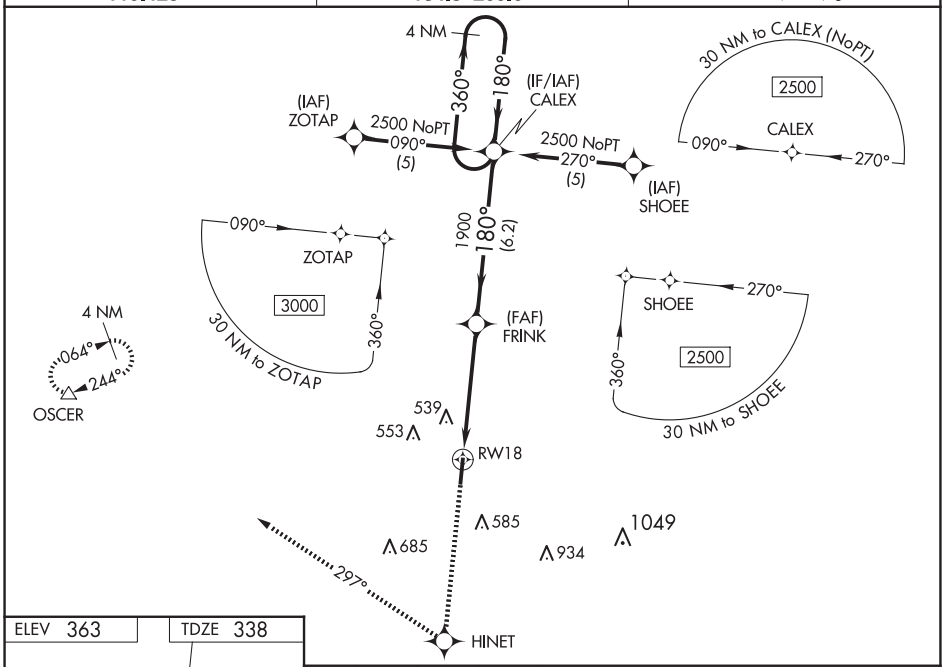
RNAV (GPS) RWY 18
HUNTSVILLE MUNI (UTS)

WAAS CH 72811 W18A	APP CRS 180°	Rwy ldg 5005 TDZE 338 Apt Elev 363

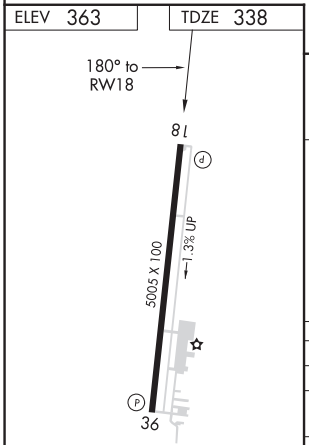
Baro-VNAV NA when using Conroe/North Houston Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Conroe/North Houston Rgnl altimeter setting. When local altimeter setting not received, use Conroe/North Houston Rgnl altimeter setting and increase all DA 75 feet and all MDA 80 feet; increase LPV and LNAV/VNAV all Cats and Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 4000 direct HINET and right turn via track 297° to OSCER and hold.

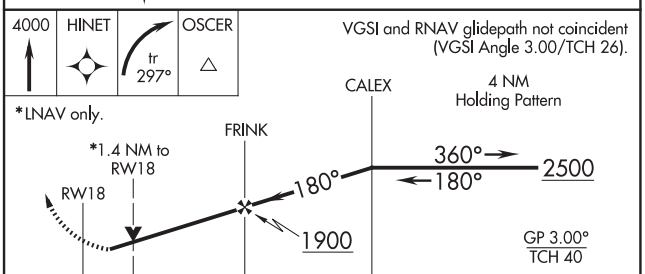
ASOS	HOUSTON CENTER	UNICOM
119.425	134.8 269.6	122.8 (CTAF) L



ELEV 363 TDZE 338



REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LPV DA	588-1 250 (300-1)			NA
LNAV/VNAV DA	886-2 548 (600-2)			NA
LNAV MDA	840-1 502 (500-1)		840-1½ 502 (500-1½)	NA
CIRCLING	920-1 557 (600-1)		1120-2¼ 757 (800-2¼)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HUNTSVILLE, TEXAS

AL-5813 (FAA)

21336

VOR/DME-A

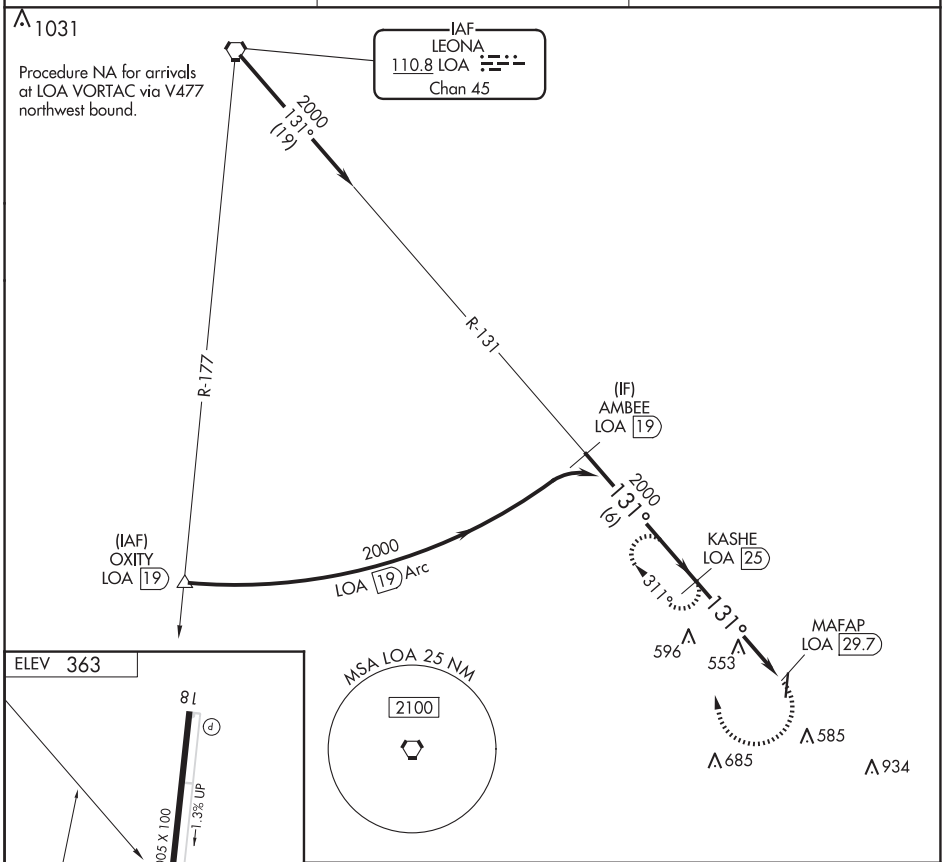
HUNTSVILLE MUNI (UTS)

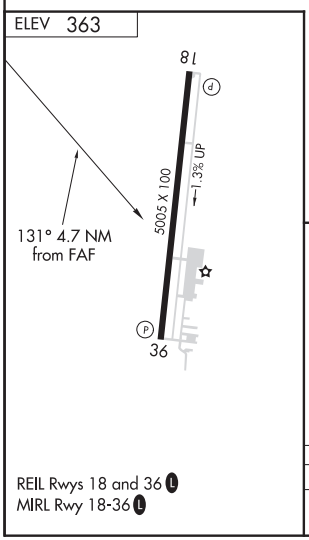
VOR LOA	APP CRS	Rwy Idg	NA
110.8	131°	TDZE	NA
Chan 45		Apt Elev	363

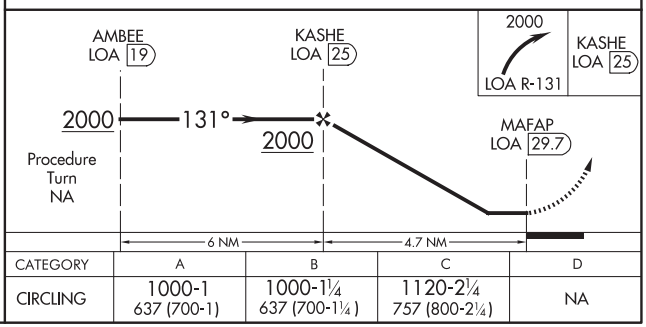
When local altimeter setting not received, use Conroe/North Houston Rgnl altimeter setting and increase MDA 80 feet, increase Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climbing right turn to 2000 via LOA VORTAC R-131 to KASHE/25 DME and hold.

ASOS	HOUSTON CENTER	UNICOM
119.425	134.8 269.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1000-1 637 (700-1)	1000-1¼ 637 (700-1¼)	1120-2¼ 757 (800-2¼)	NA

HUNTSVILLE, TEXAS
Amdt 6A 15JUL21

30°45'N-95°35'W

HUNTSVILLE MUNI (UTS)
VOR/DME-A

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

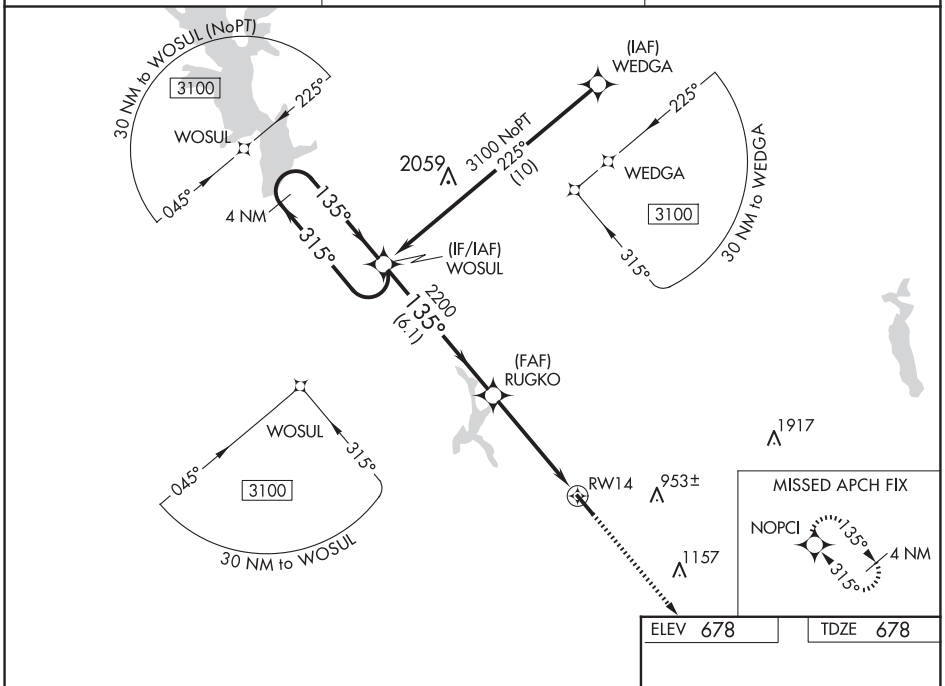
WAAS CH 56429 W14A	APP CRS 135°	Rwy ldg 5006 TDZE 678 Apt Elev 678

RNAV (GPS) RWY 14
CHEROKEE COUNTY (JSO)

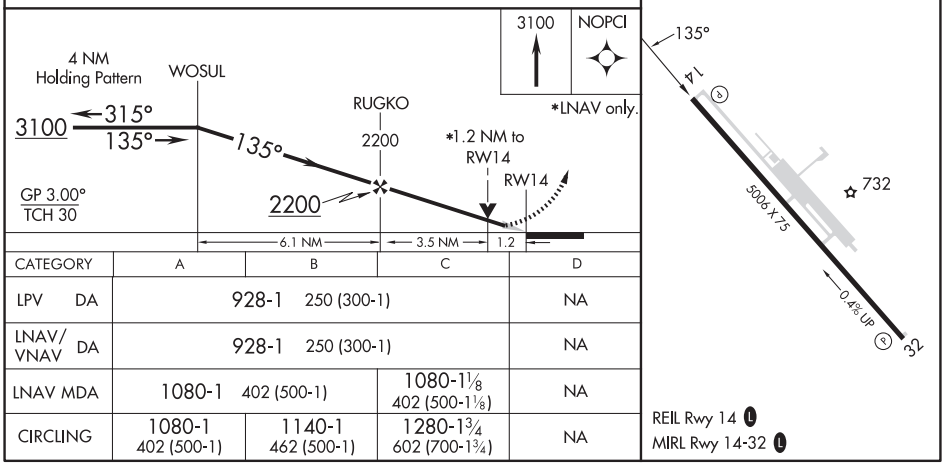
Baro-VNAV NA when using Nacogdoches altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). When local altimeter setting not received, use Nacogdoches altimeter setting and increase all DA to 1046 feet and increase LPV visibility ⅛ SM and LNAV/VNAV visibility ¼ SM; increase all MDA 120 feet and LNAV visibility Cat C ⅜ SM, Circling visibility Cat C ¼ SM. DME/DME RNP-0.3 NA. VDP NA with Nacogdoches altimeter setting.

MISSED APPROACH: Climb to 3100 direct NOPCI and hold.

AWOS-3	LONGVIEW APP CON★	UNICOM
119.075	128.75 379.15	122.7 (CTAF) L



ELEV 678	TDZE 678



CATEGORY	A	B	C	D
LPV DA	928-1 250 (300-1)			NA
LNAV/VNAV DA	928-1 250 (300-1)			NA
LNAV MDA	1080-1 402 (500-1)		1080-1⅛ 402 (500-1⅛)	NA
CIRCLING	1080-1 402 (500-1)	1140-1 462 (500-1)	1280-1¾ 602 (700-1¾)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

JACKSONVILLE, TEXAS | AL-6470 (FAA) | 23334

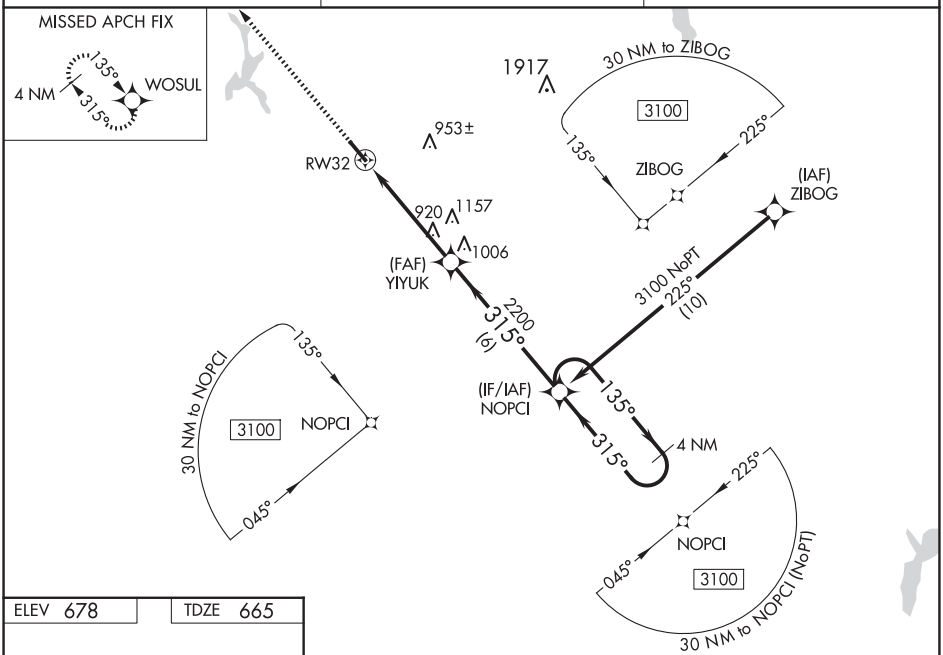
WAAS CH 90327 W32A	APP CRS 315°	Rwy ldg 5006 TDZE 665 Apt Elev 678

RNAV (GPS) RWY 32
CHEROKEE COUNTY (JSO)

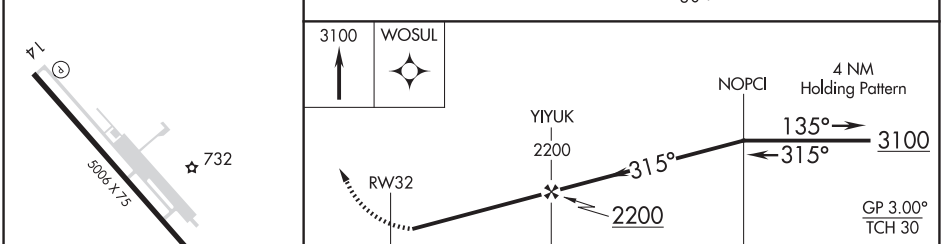
Baro-VNAV NA when using Nacogdoches altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). When local altimeter setting not received, use Nacogdoches altimeter setting and increase DA 118 feet, increase all MDA 120 feet and LPV, LNAV/VNAV visibility all Cats ¼ mile, LNAV and Circling Cat C visibility ⅜ mile. When VGSI inop, Straight-in/Circling Rwy 32 procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 3100 direct WOSUL and hold.

AWOS-3	LONGVIEW APP CON ★	UNICOM
119.075	128.75 379.15	122.7 (CTAF) L



ELEV 678 | TDZE 665



CATEGORY	A	B	C	D
LPV DA	915-1 250 (300-1)			NA
LNAV/VNAV DA	915-1 250 (300-1)			NA
LNAV MDA	1220-1 555 (600-1)		1220-1⅝ 555 (600-1⅝)	NA
CIRCLING	1220-1 542 (600-1)		1280-1¾ 602 (700-1¾)	NA

REIL Rwy 14 L
MIRL Rwy 14-32 L

JACKSONVILLE, TEXAS
Orig-B 04NOV21

31°52'N-95°13'W

CHEROKEE COUNTY (JSO)
RNAV (GPS) RWY 32

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

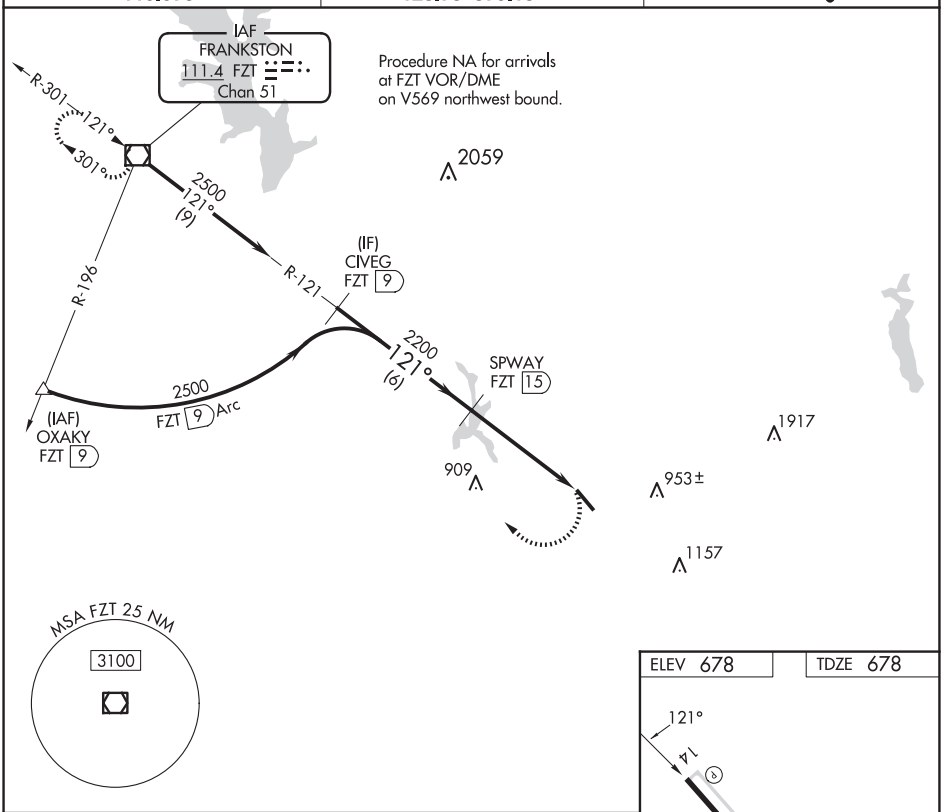
VOR RWY 14
CHEROKEE COUNTY (JSO)

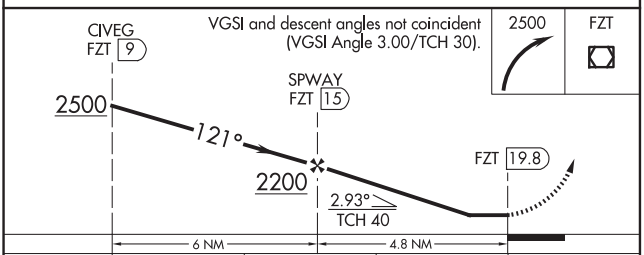
VOR/DME FZT	APP CRS	Rwy ldg	5006
111.4	121°	TDZE	678
Chan 51		Apt Elev	678

DME required.

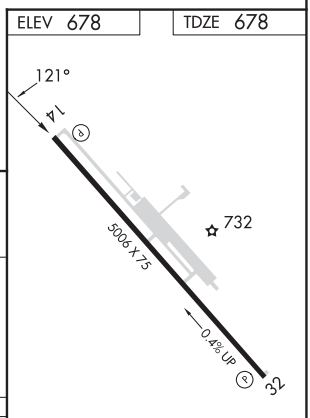
MISSED APPROACH: Climbing right turn to 2500 direct FZT VOR/DME and hold.

AWOS-3	LONGVIEW APP CON ★	UNICOM
119.075	128.75 379.15	122.7 (CTAF) L





CATEGORY	A	B	C	D
S-14	1080-1 402 (500-1)		1080-1¼ 402 (500-1¼)	NA
CIRCLING	1080-1 402 (500-1)	1140-1 462 (500-1)	1280-1¾ 602 (700-1¾)	NA



REIL Rwy 14 L
MIRL Rwy 14-32 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

JASPER, TEXAS

AL-5773 (FAA)

24081

RNAV (GPS) RWY 18
JASPER COUNTY/BELL FLD (JAS)

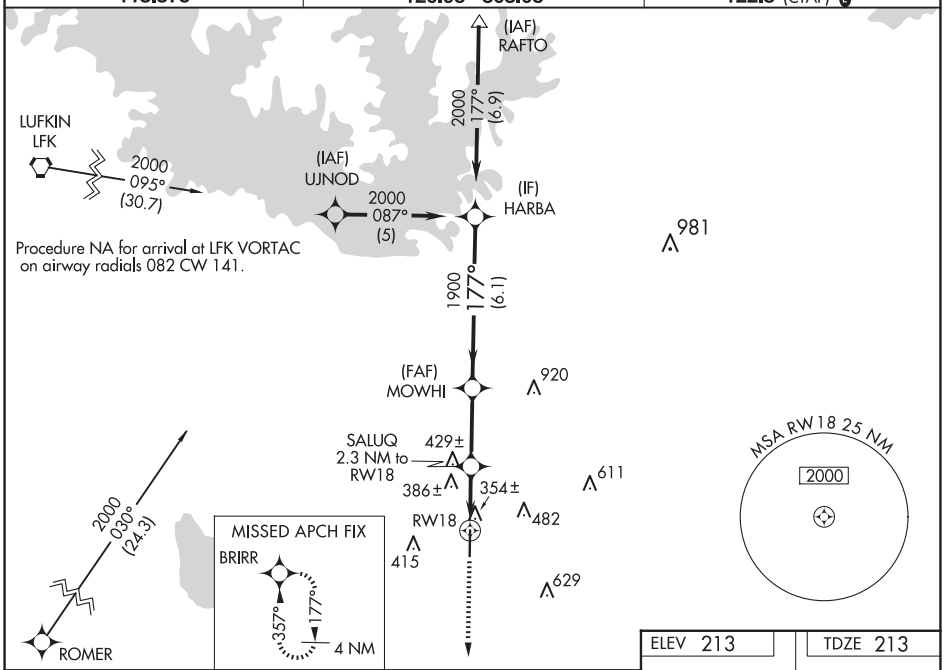
WAAS CH 87013 W18A	APP CRS 177°	Rwy ldg 5500 TDZE 213 Apt Elev 213

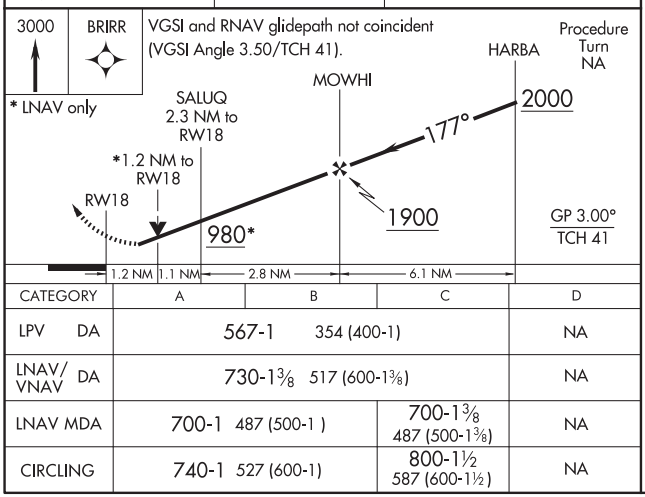
RNP APCH-GPS.

T A Baro-VNAV NA when using De Ridder altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. Rwy 18 helicopter visibility reduction below ¾ SM NA. VDP NA when using De Ridder altimeter setting. When local altimeter setting not received, use De Ridder altimeter setting and increase LPV DA to 654 feet and all visibilities ⅜ SM. Increase LNAV/VNAV DA to 817 feet and all visibilites ⅜ SM. Increase all MDAs 100 feet and LNAV visibility Cat C ⅜ SM, and Circling visibility Cat C ½ SM.

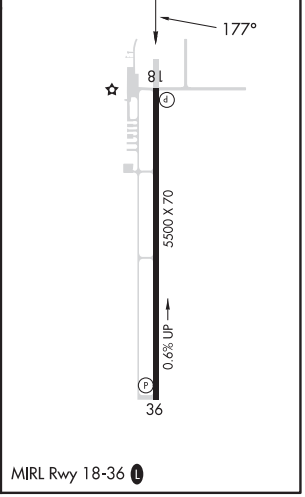
MISSED APPROACH: Climb to 3000 direct BRIRR and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.375	126.95 363.05	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	567-1 354 (400-1)			NA
LNAV/VNAV DA	730-1⅜ 517 (600-1⅜)			NA
LNAV MDA	700-1 487 (500-1)		700-1⅜ 487 (500-1⅜)	NA
CIRCLING	740-1 527 (600-1)		800-1½ 587 (600-1½)	NA



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 36
JASPER COUNTY/BELL FLD (JAS)

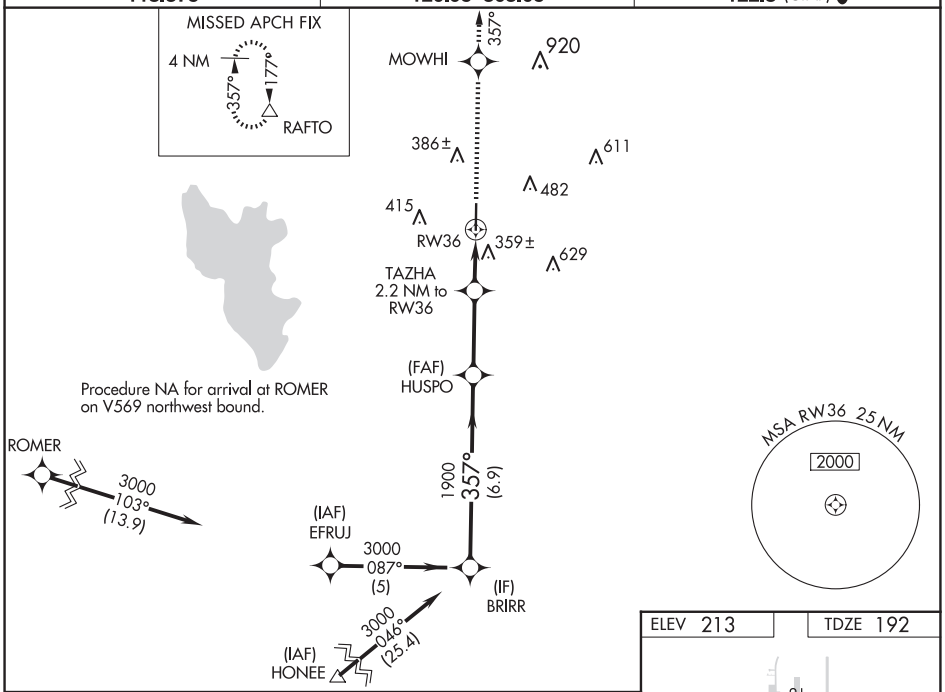
WAAS CH 42813 W36A	APP CRS 357°	Rwy ldg 5500 TDZE 192 Apt Elev 213

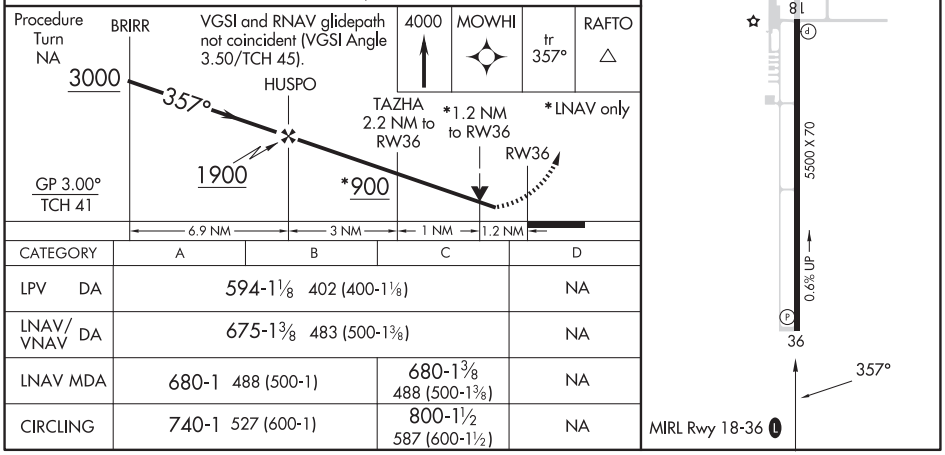
RNP APCH-GPS.

Baro-VNAV NA when using De Ridder altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. Rwy 36 helicopter visibility reduction below ¾ SM NA. VDP NA when using De Ridder altimeter setting. When local altimeter setting not received, use De Ridder altimeter setting and increase LPV DA to 681 feet and all visibilities ¼ SM, increase LNAV/VNAV DA to 762 feet and all visibilities ¼ SM, increase all MDAs 100 feet and LNAV visibility Cat C ½ SM, and Circling visibility Cat C ¼ SM.

MISSED APPROACH: Climb to 4000 direct MOWHI and via track 357° to RAFTO and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.375	126.95 363.05	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	594-1⅛ 402 (400-1⅛)			NA
LNAV/VNAV DA	675-1⅜ 483 (500-1⅜)			NA
LNAV MDA	680-1 488 (500-1)		680-1⅜ 488 (500-1⅜)	NA
CIRCLING	740-1 527 (600-1)		800-1½ 587 (600-1½)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

KOUNTZE/SILSBEE, TEXAS AL-6577 (FAA) 21280

WAAS CH 58242 W13A	APP CRS 136°	Rwy ldg 4303 TDZE 71 Apt Elev 71

RNAV (GPS) RWY 13
HAWTHORNE FLD (45R)

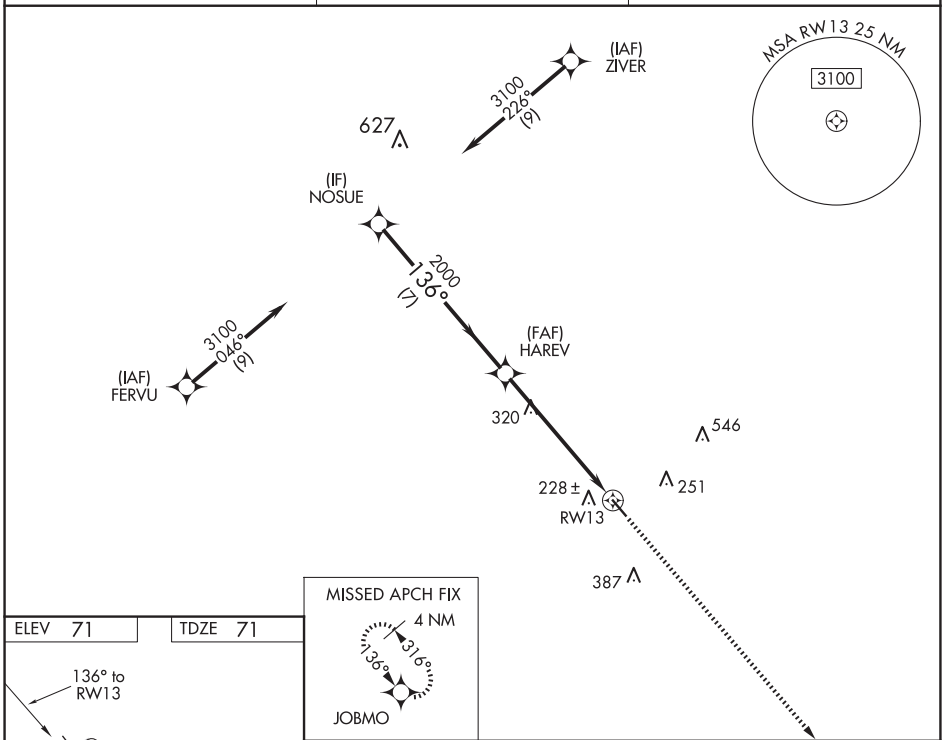
RNP APCH-GPS.

NA

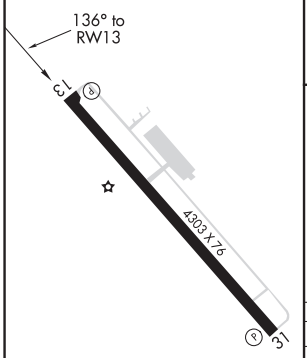
Procedure NA at night. Rwy 13 helicopter visibility reduction below 1 SM NA. Use Beaumont/Port Arthur altimeter setting; when not received use Orange altimeter setting.

MISSED APPROACH: Climb to 2000 direct JOBMO and hold.

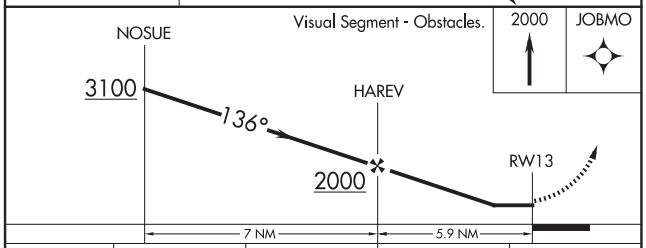
BPT ASOS	HOUSTON APP CON	UNICOM
126.3	121.3 377.1	122.8 (CTAF)



ELEV 71 TDZE 71



MIRL Rwy 13-31



CATEGORY	A	B	C	D
LP MDA	700-1	629 (700-1)	700-1¾ 629 (700-1¾)	NA
LNAV MDA	720-1	649 (700-1)	720-1⅞ 649 (700-1⅞)	NA
CIRCLING	720-1	649 (700-1)	880-2¼ 809 (900-2¼)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 42928 W16A	APP CRS 156°	Rwy ldg 5000 TDZE 318 Apt Elev 324

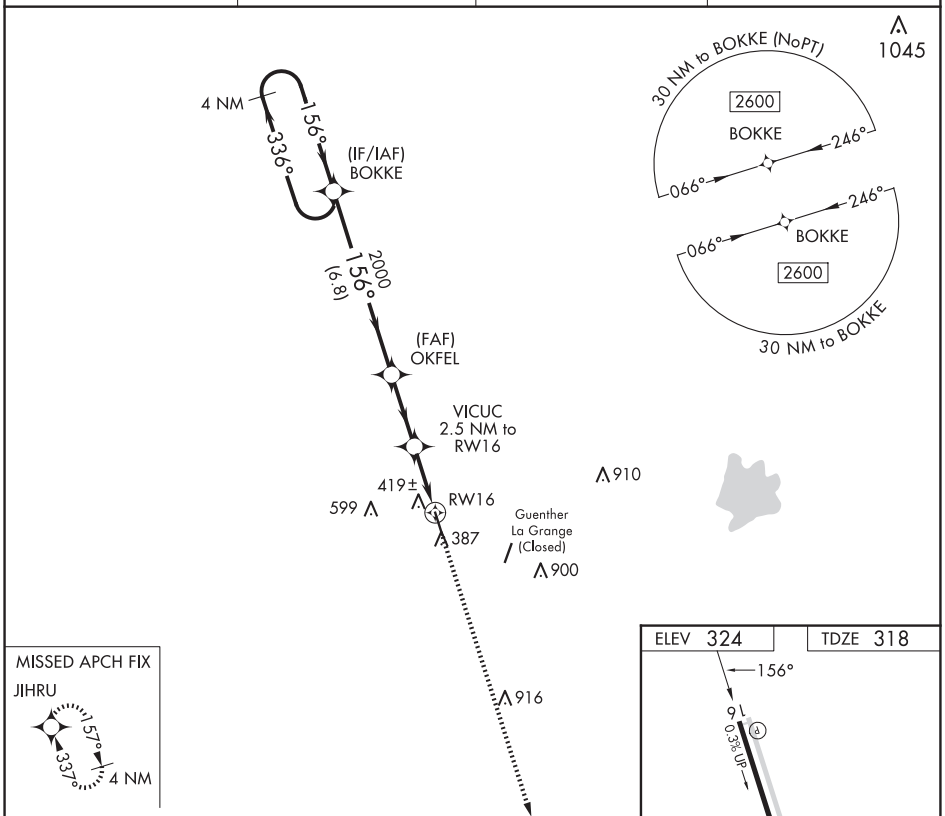
RNAV (GPS) RWY 16
FAYETTE RGNL AIR CENTER (3T5)

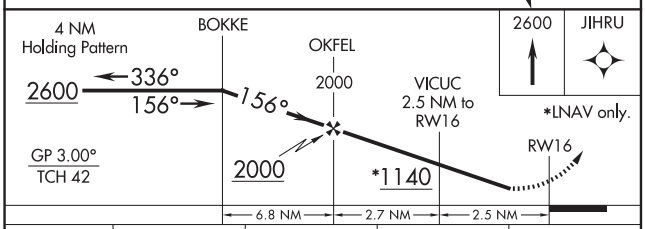
RNP APCH.

When local altimeter setting not received, use Giddings-Lee altimeter setting and increase DA 59 feet, all MDA 60 feet, increase LNAV Cat C visibility ¼ mile. Rwy 16 helicopter visibility reduction below ¾ SM NA.

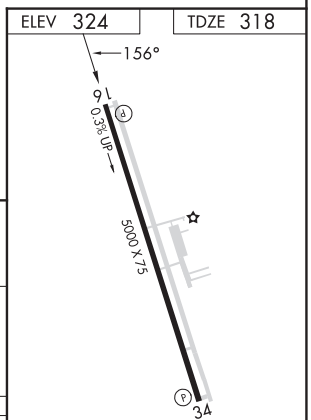
MISSED APPROACH: Climb to 2600 direct JIHRU and hold.

AWOS-3	AUSTIN APP CON	GCO	UNICOM
124.175	120.875 270.25	121.725	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	568-1 250 (300-1)			NA
LNAV MDA	680-1 362 (400-1)			NA



REIL Rwys 16 and 34
MIRL Rwy 16-34 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

LA GRANGE, TEXAS | AL-9154 (FAA) | 23166

WAAS CH 86929 W34A	APP CRS 336°	Rwy ldg 5000 TDZE 324 Apt Elev 324

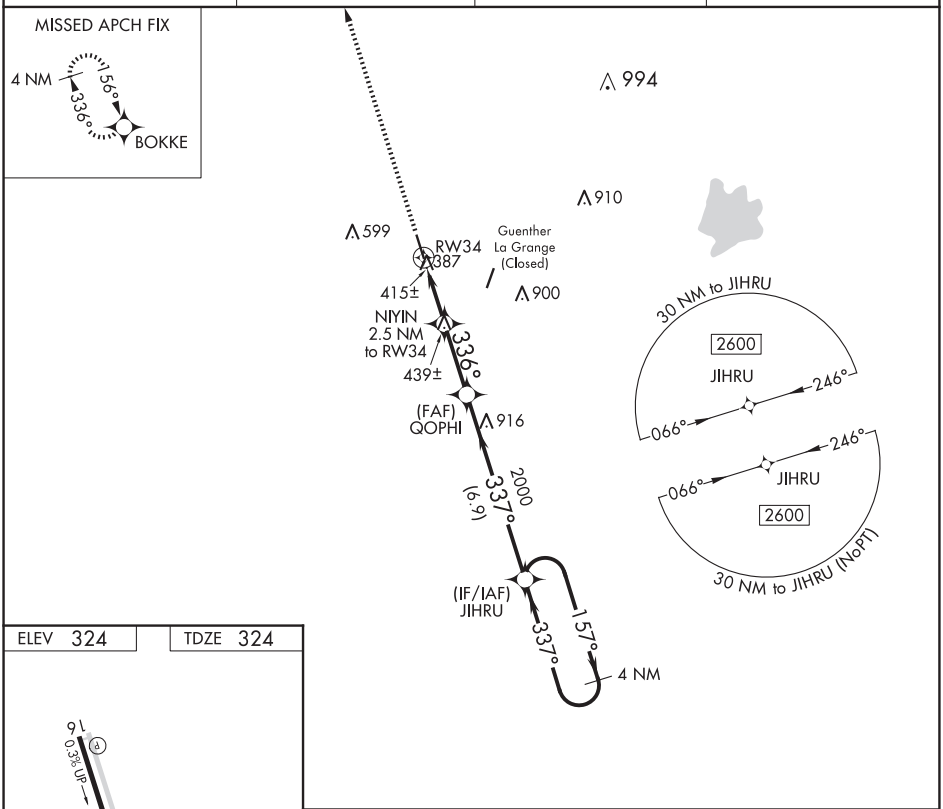
RNAV (GPS) RWY 34
FAYETTE RGNL AIR CENTER (3T5)

RNP APCH.

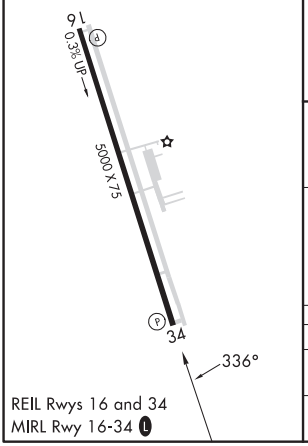
When local altimeter setting not received, use Giddings-Lee altimeter setting and increase all MDA 60 feet, increase LP and LNAV Cat C visibility ¼ mile. Rwy 34 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2600 direct BOKKE and hold.

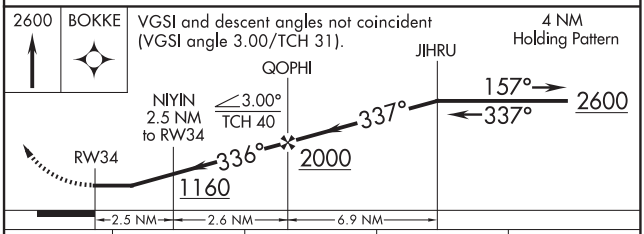
AWOS-3	AUSTIN APP CON	GCO	UNICOM
124.175	120.875 270.25	121.725	122.7 (CTAF) L



ELEV 324	TDZE 324



REIL Rwys 16 and 34
MIRL Rwy 16-34 L

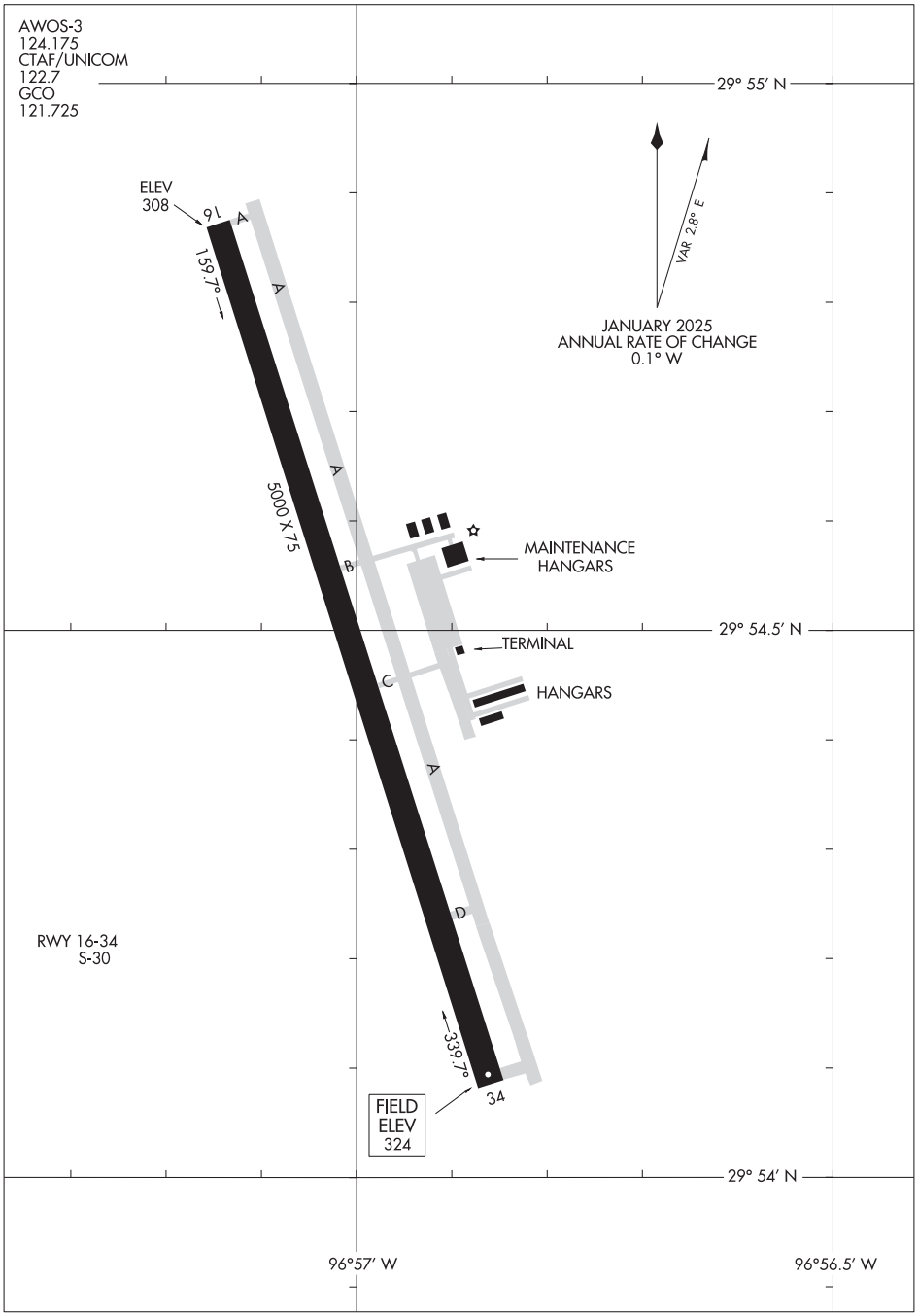


CATEGORY	A	B	C	D
LP MDA	700-1 376 (400-1)			NA
LNAV MDA	740-1 416 (500-1)		740-1⅛ 416 (500-1⅛)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

AL-9154 (FAA)


AWOS-3
124.175
CTAF/UNICOM
122.7
GCO
121.725
29° 55′ N
ELEV
308
16
159.7°
A
A
A
5000 X 75
B
VAR 2.8° E
JANUARY 2025
ANNUAL RATE OF CHANGE
0.1° W
MAINTENANCE
HANGARS
29° 54.5′ N
TERMINAL
C
HANGARS
A
D
RWY 16-34
S-30
339.7°
34
FIELD
ELEV
324
29° 54′ N
96°57′ W
96°56.5′ W

LA PORTE, TEXAS

AL-5433 (FAA)

23166

RNAV (GPS) RWY 30
LA PORTE MUNI (T41)

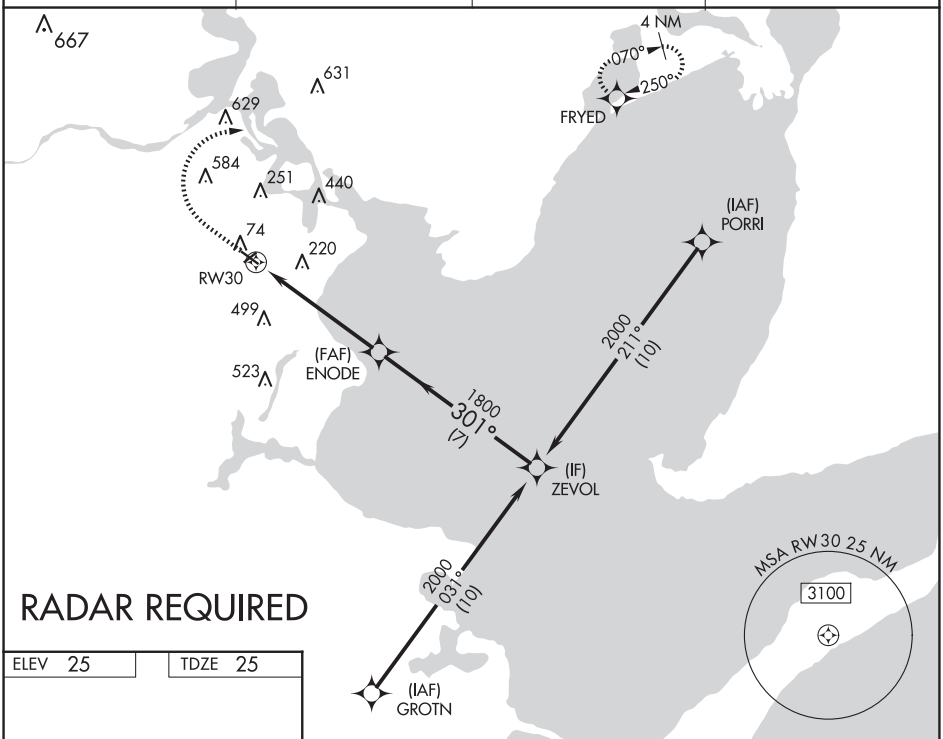
WAAS CH 93928 W30A	APP CRS 301°	Rwy ldg 3760 TDZE 25 Apt Elev 25

RNP APCH.

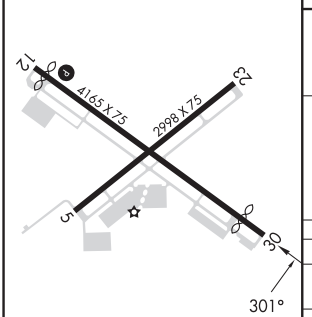
Baro-VNAV NA. Use Ellington altimeter setting. Rwy 30 helicopter visibility reduction below ¾ SM NA. Circling Rwy 5, 23 NA at night.

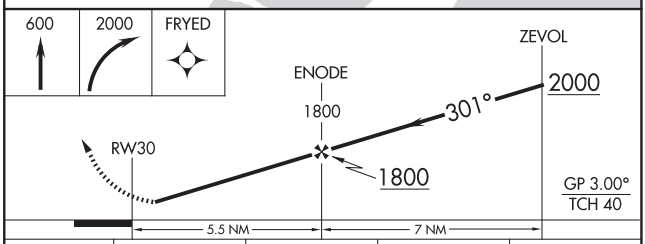
MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct FRYED and hold.

AW0S-3PT	HOUSTON APP CON	CLNC DEL	UNICOM
120.275	134.45 284.0	125.6	122.7 (CTAF) L



ELEV 25 | TDZE 25

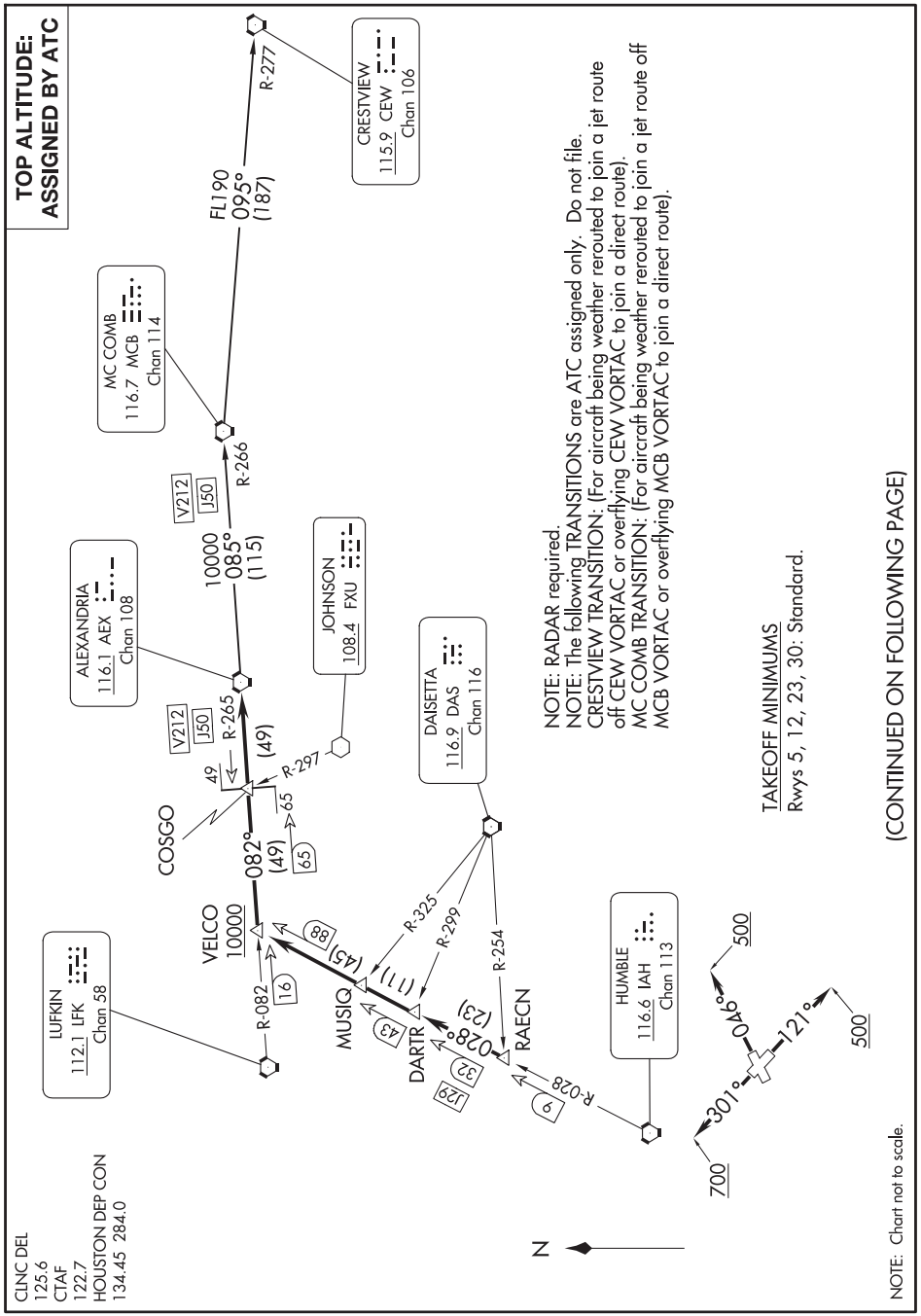




CATEGORY		A	B	C	D
LPV	DA	291-1 266 (300-1)			NA
LNAV/VNAV	DA	454-1¼ 429 (500-1¼)			NA
LNAV	MDA	520-1 495 (500-1)		520-1⅜ 495 (500-1⅜)	NA
CIRCLING		600-1 575 (600-1)	620-1 595 (600-1)	880-2½ 855 (900-2½)	NA

REIL Rwy 12 L
MIRL Rwys 5-23 and 12-30 L

ALEXANDRIA THREE DEPARTURE



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 23: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 to VELCO INT, cross VELCO INT at or above 10000, then right turn on LFK R-082 and AEX R-265 to AEX VORTAC.

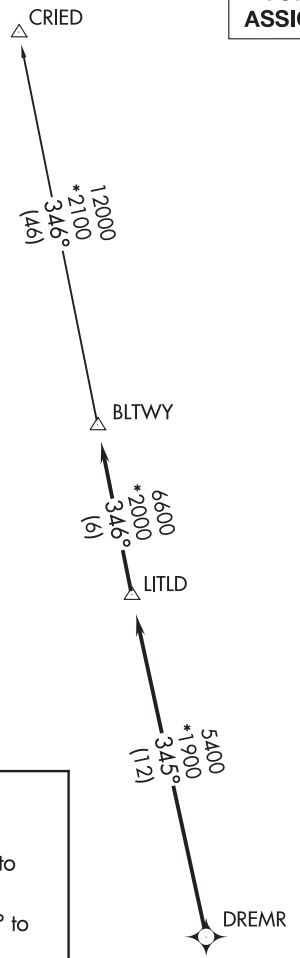
CRESTVIEW TRANSITION (AEX3.CEW): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC, then on MCB R-095 and CEW R-277 to CEW VORTAC.

MC COMB TRANSITION (AEX3.MCB): From over AEX VORTAC on AEX R-085 and MCB R-266 to MCB VORTAC.

BLTWY SEVEN DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

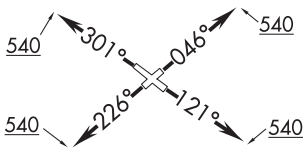
TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30:
Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)



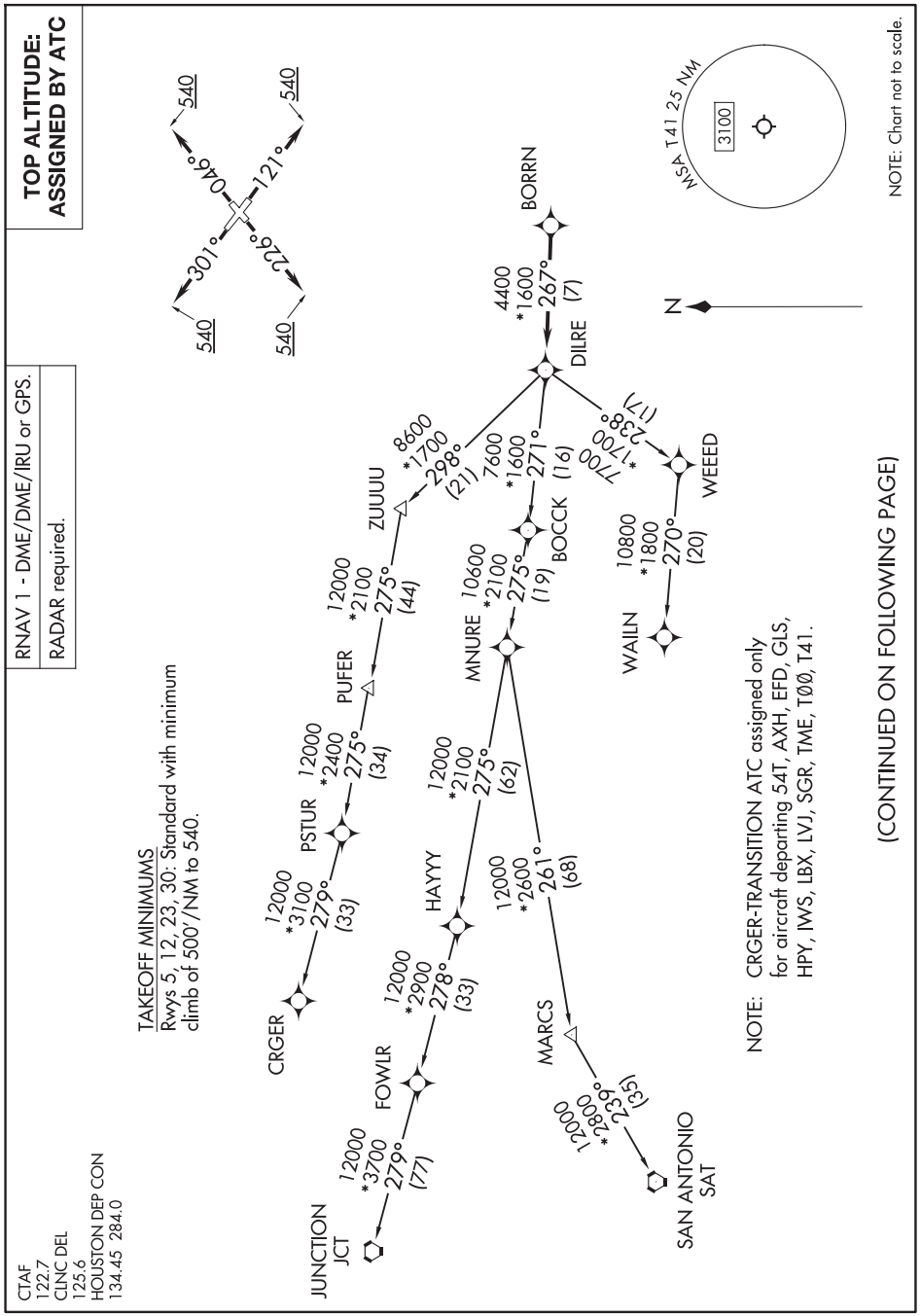
NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(BORRN6.BORRN) 25051 AL-5433 (FAA) LA PORTE MUNI (T41)

BORRN SIX DEPARTURE (RNAV)

LA PORTE, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

BORRN SIX DEPARTURE (RNAV)

(BORRN6.BORRN) 30NOV23

LA PORTE, TEXAS

LA PORTE MUNI (T41)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(CRIED1.CRIED) 24193

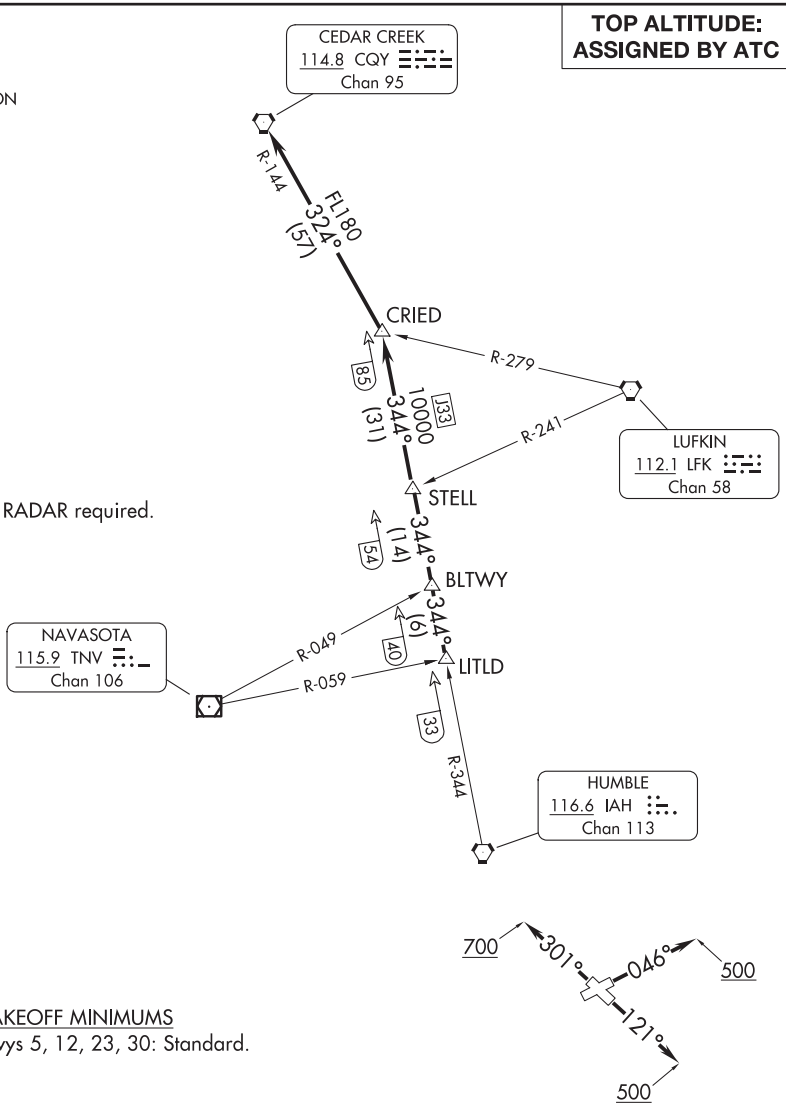
CRIED ONE DEPARTURE

AL-5433 (FAA)

LA PORTE MUNI (T41)
LA PORTE, TEXAS

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .
TAKEOFF RUNWAY 23: When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to LITLD INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-344 to STELL INT, then on IAH R-344 to CRIED INT, then left turn on CQY R-144 to CQY VORTAC.

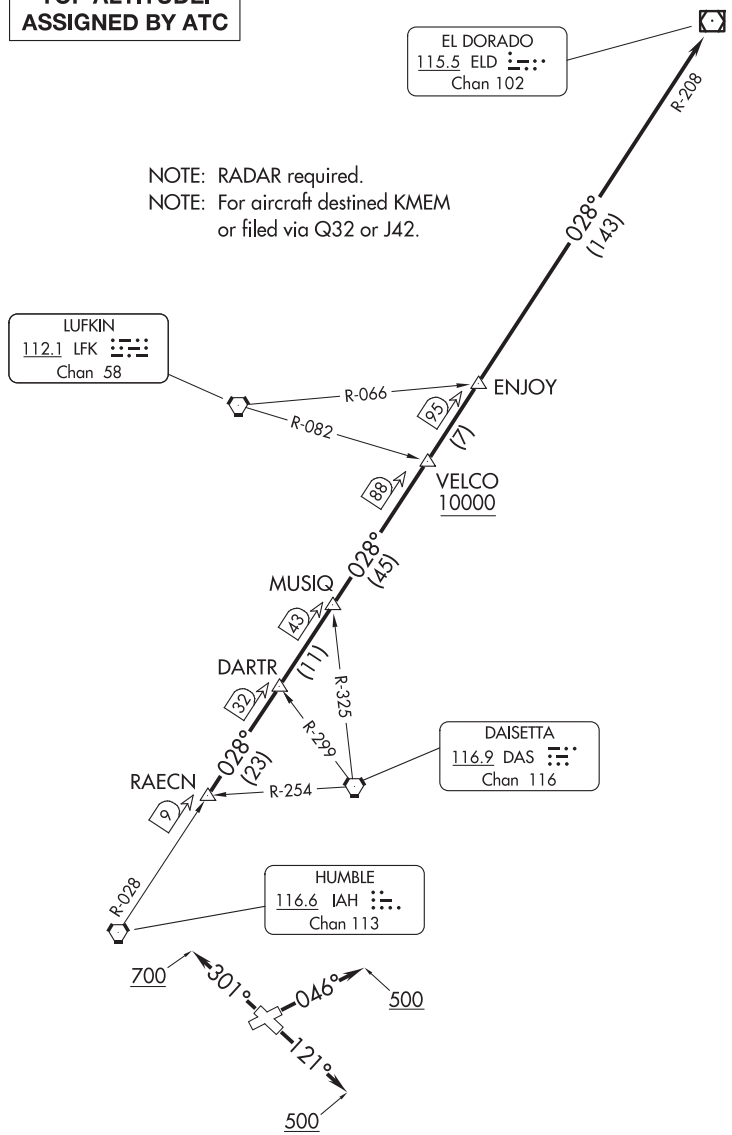
(ELD1.ELD) 24193 AL-5433 (FAA)

EL DORADO ONE DEPARTURE

LA PORTE MUNI (T41)
LA PORTE, TEXAS

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.
NOTE: For aircraft destined KMEM or filed via Q32 or J42.

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 12: Climb on heading 121° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 23: When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 30: Climb on heading 301° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to RAECN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-028 and the ELD R-208 to ELD VOR/DME, cross VELCO INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(GIFFA1.GIFFA) 24193

GIFFA ONE DEPARTURE

AL-5433 (FAA)

LA PORTE MUNI (T41)
LA PORTE, TEXAS

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: For aircraft destined for the DFW terminal area only.

CEDAR CREEK
114.8 CQY
Chan 95

R-128

GIFFA
10000

85

LEONA
110.8 LOA
Chan 45

R-059

358°
(44)

R-121

BUMCO

41

358°
(10)

MONNT

31

DAISETTA
116.9 DAS
Chan 116

R-292

R-358

HUMBLE
116.6 IAH
Chan 113

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard.

700
301°
046°
500
121°
500

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 23: When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to MONNT INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . . on IAH R-358 to cross GIFFA INT at or above 10000.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

HOODO SEVEN DEPARTURE (RNAV)
(HOODO7.HOODO) 07OCT21

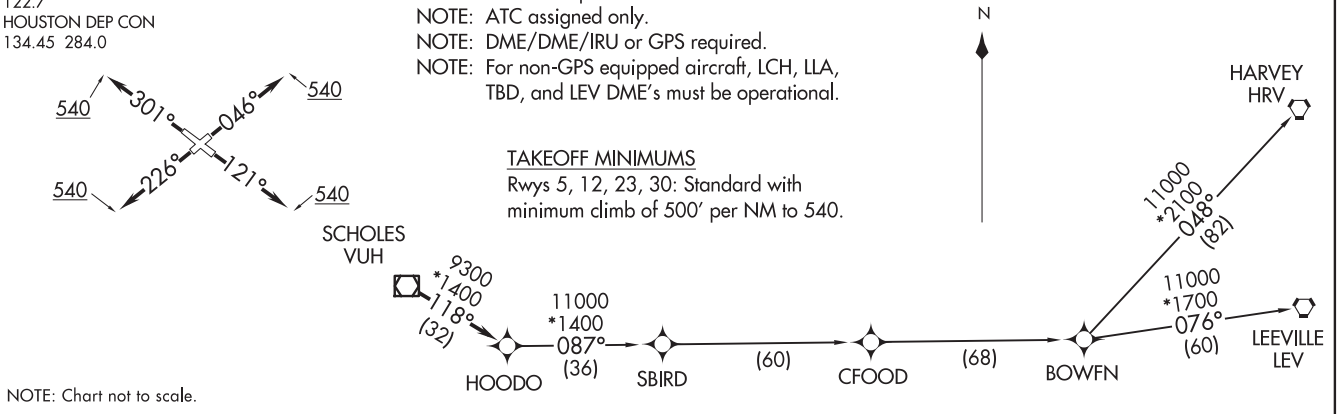
LA PORTE, TEXAS
LA PORTE MUNI (T41)

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard with minimum climb of 500′ per NM to 540.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(HOODO7.HOODO) 21280
HOODO SEVEN DEPARTURE (RNAV)
LA PORTE MUNI (T41)
LA PORTE, TEXAS

AL-5433 (FAA)

(INDIE8.INDIE) 21280

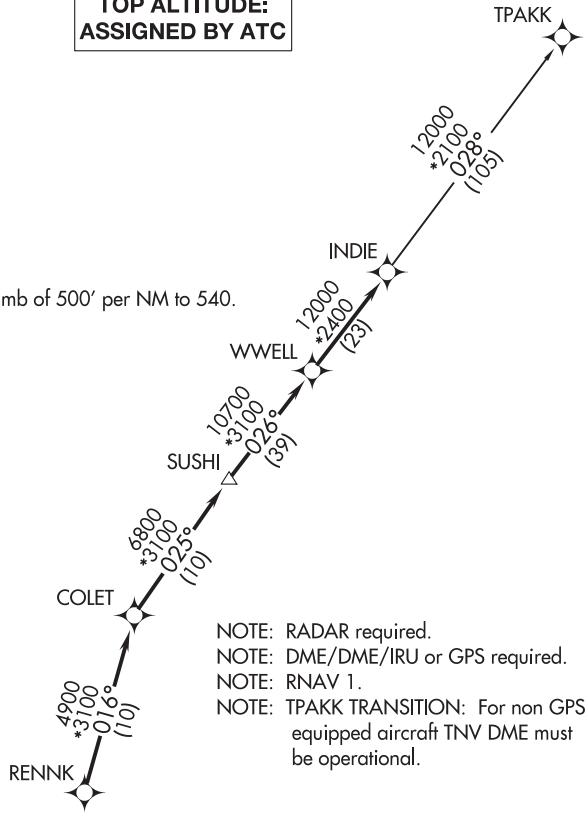
INDIE EIGHT DEPARTURE (RNAV)

LA PORTE MUNI (T41)
LA PORTE, TEXAS

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30:
Standard with minimum climb of 500' per NM to 540.



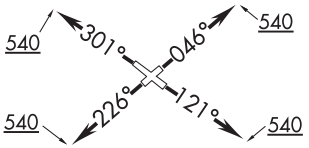
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)



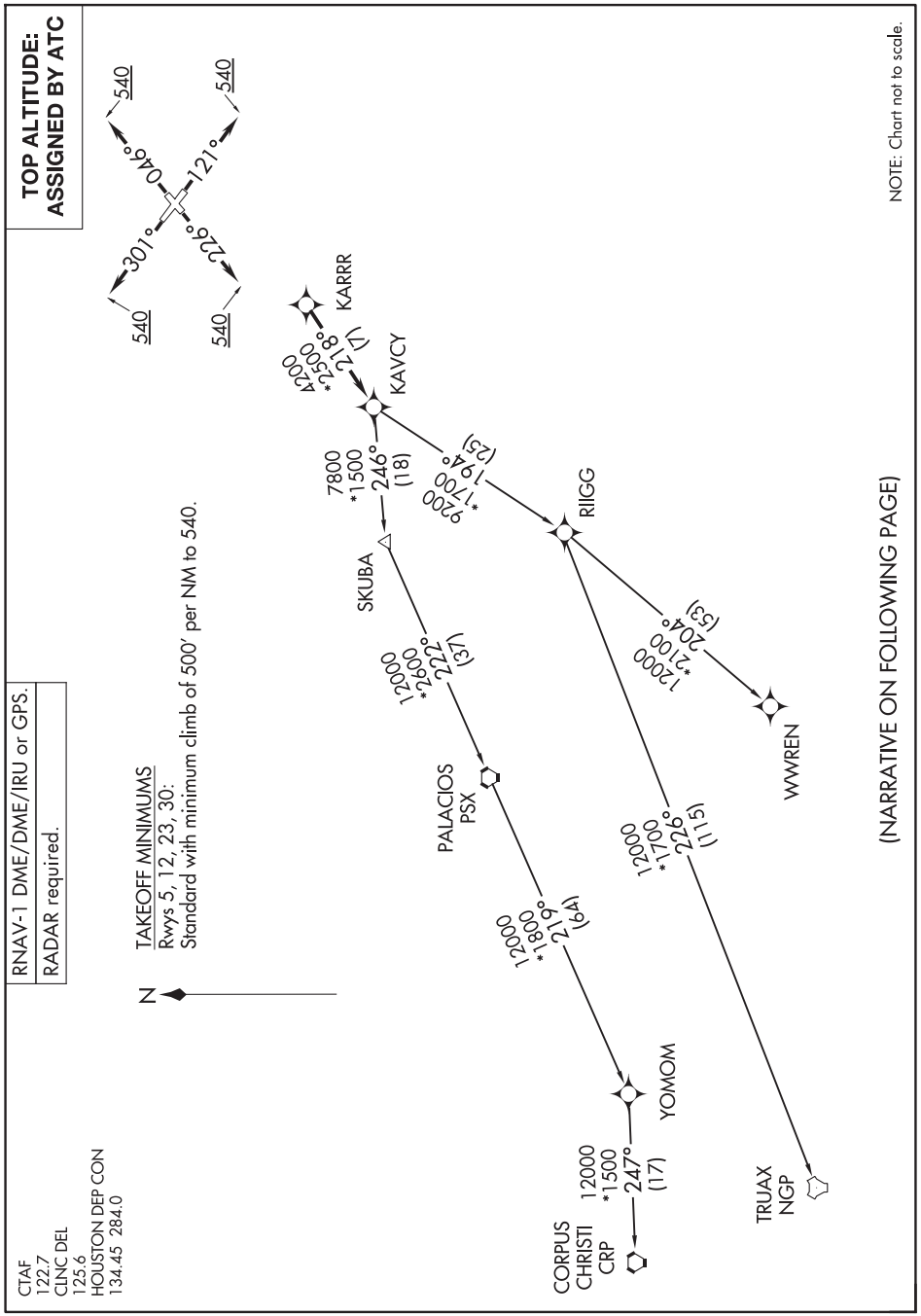
NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(KARRR7.KARRR) 22363 AL-5433 (FAA)

KARRR SEVEN DEPARTURE (RNAV)

LA PORTE MUNI (T41)
LA PORTE, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)

(KARRR7.KARRR) 29DEC22

LA PORTE, TEXAS
LA PORTE MUNI (T41)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITION (KARRR7.YOMOM)

SC-5, 12 JUN 2025 to 07 AUG 2025

(LOA4.LOA) 24137

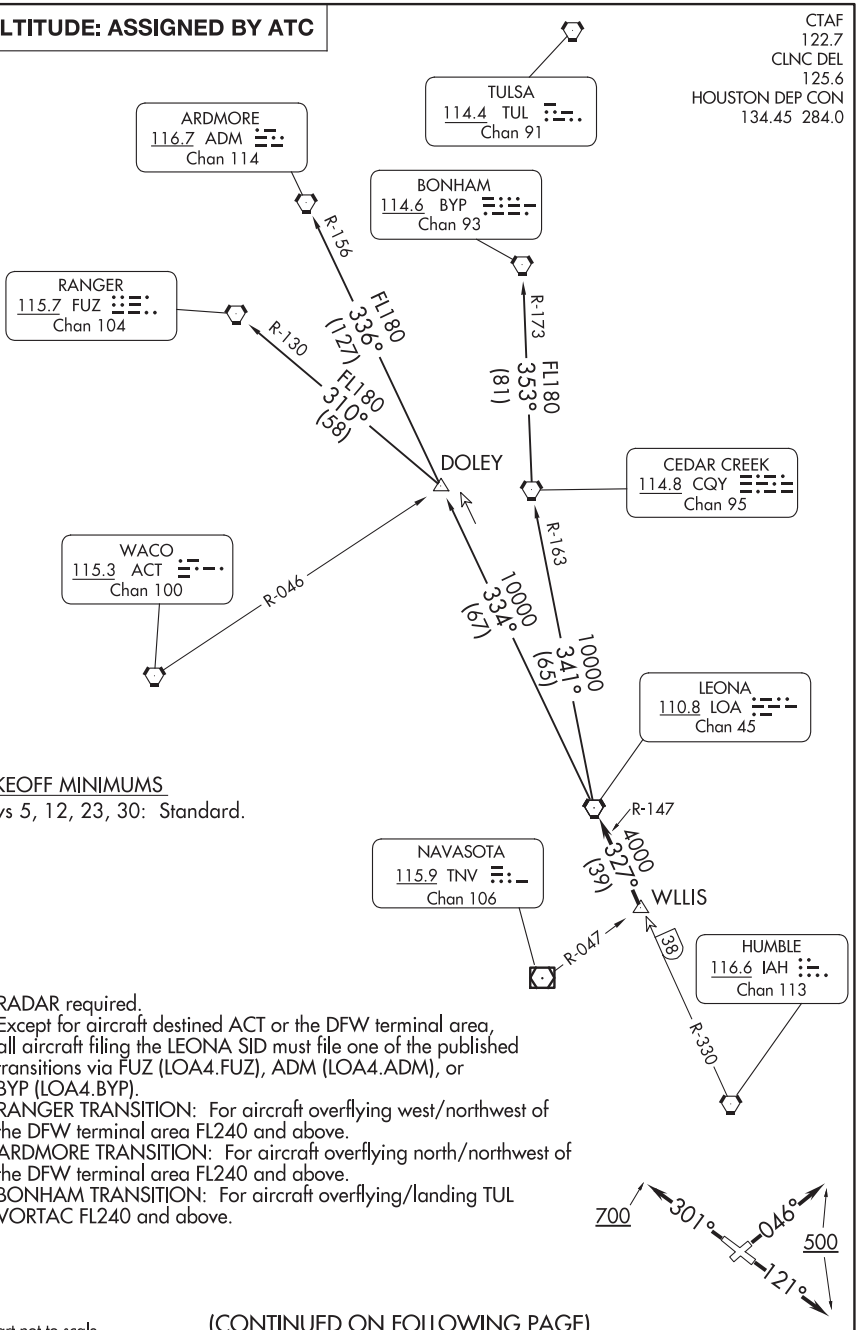
LEONA FOUR DEPARTURE

AL-5433 (FAA)

LA PORTE MUNI (T41)
LA PORTE, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.7
CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0



TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard.

NOTE: RADAR required.
NOTE: Except for aircraft destined ACT or the DFW terminal area, all aircraft filing the LEONA SID must file one of the published transitions via FUZ (LOA4.FUZ), ADM (LOA4.ADM), or BYP (LOA4.BYP).
NOTE: RANGER TRANSITION: For aircraft overflying west/northwest of the DFW terminal area FL240 and above.
NOTE: ARDMORE TRANSITION: For aircraft overflying north/northwest of the DFW terminal area FL240 and above.
NOTE: BONHAM TRANSITION: For aircraft overflying/landing TUL VORTAC FL240 and above.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

LEONA FOUR DEPARTURE
(LOA4.LOA) 07OCT21
LA PORTE, TEXAS
LA PORTE MUNI (T41)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 12: Climb on heading 121° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 23: When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

TAKEOFF RUNWAY 30: Climb on heading 301° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to WLLIS INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA4.ADM): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA4.BYP): From over LOA VORTAC on LOA R-341 and CQY R-163 to CQY VORTAC, then on BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA4.FUZ): From over LOA VORTAC on LOA R-334 to DOLEY INT, then on FUZ R-130 to FUZ VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LFK3.LFK) 24137

AL-5433 (FAA)

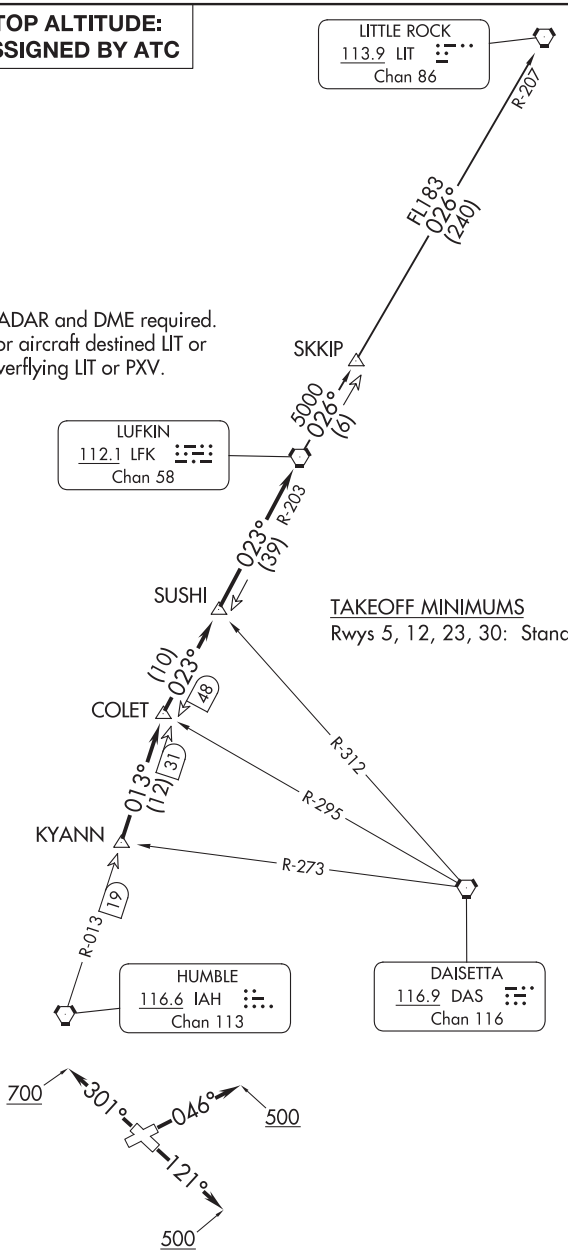
LUFKIN THREE DEPARTURE

LA PORTE MUNI (T41)
LA PORTE, TEXAS

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR and DME required.
NOTE: For aircraft destined LIT or overflying LIT or PXV.



TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

LUFKIN THREE DEPARTURE
(LFK3.LFK) 07OCT21

LA PORTE, TEXAS
LA PORTE MUNI (T41)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 23: When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to KYANN INT. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on IAH R-013 to COLET INT, then right turn on LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK3.LIT): From over LFK VORTAC on LFK R-026 to SKKIP INT, then on LFK R-026 and LIT R-207 to LIT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(LURIC8.LURIC) 21280 AL-5433 (FAA) LA PORTE MUNI (T41)

LURIC EIGHT DEPARTURE (RNAV)

LA PORTE, TEXAS

TOP ALTITUDE: ASSIGNED BY ATC

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0

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

HAWES
12000 *1900 035° (90)
12000 *1900 049° (77)
ORRTH
LURIC
12000 *2100 (36)
ENJOY
12000 *1900 (7)
VELCO
12000 *1700 (12)
CLAVN
12000 *1900 (33)
MUSIQ
7300 *2400 031° (11)
DARTR
5200 *3100 (11)
PEETY
3100 032° (12)
KNTKY

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30:
Standard with minimum climb of 500′ per NM to 540.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

540 301° 046° 540
540 226° 121° 540

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

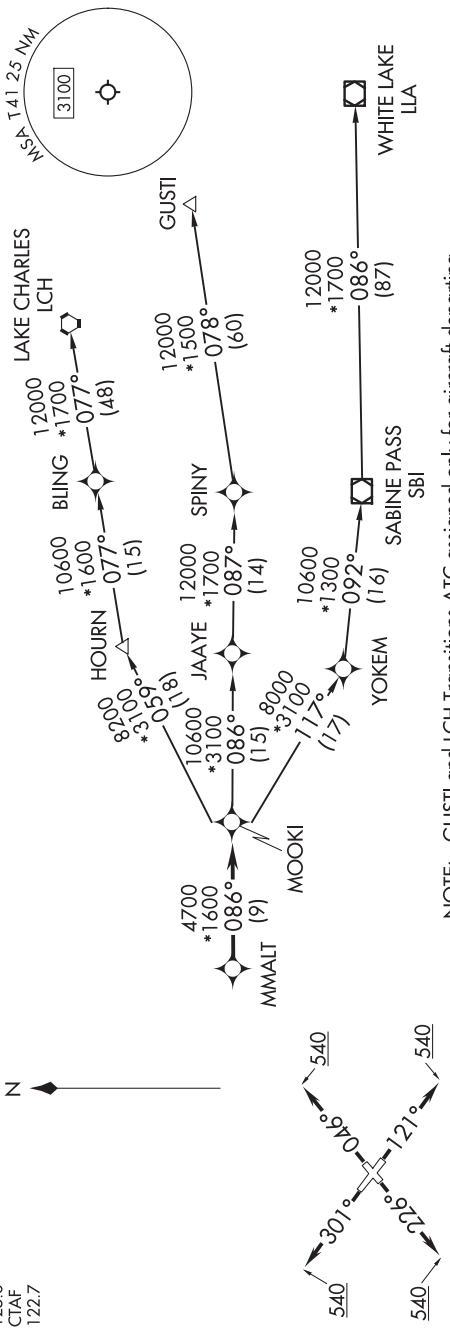
SC-5, 12 JUN 2025 to 07 AUG 2025

MMALT SEVEN DEPARTURE (RNAV)

HOUSTON DEP CON
134.45 284.0
CLNC DEL
125.6
CTAF
122.7

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

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41 and 54T.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard with minimum climb of 500'/NM to 540.

NOTE: Chart not to scale.

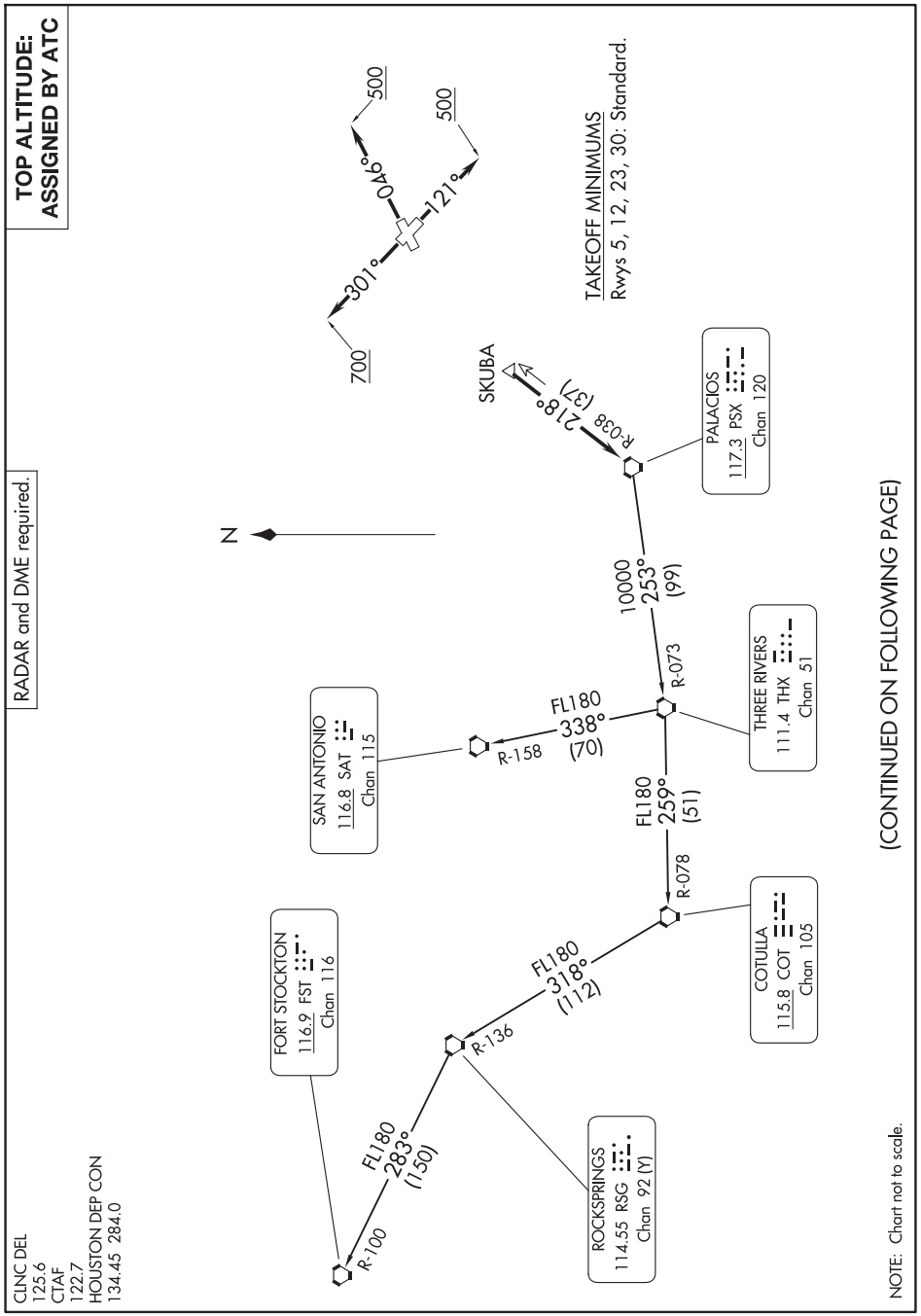
SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

(PSX3.PSX) 24137 AL-5433 (FAA) LA PORTE MUNI (T41)

PALACIOS THREE DEPARTURE

LA PORTE, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS THREE DEPARTURE

(PSX3.PSX) 03NOV22 LA PORTE, TEXAS LA PORTE MUNI (T41)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 12: Climb on heading 121° to 500 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 23: When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

TAKEOFF RUNWAY 30: Climb on heading 301° to 700 before turning. When entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(STRYA8.STRYA) 21280 AL-5433 (FAA)

STRYA EIGHT DEPARTURE (RNAV)

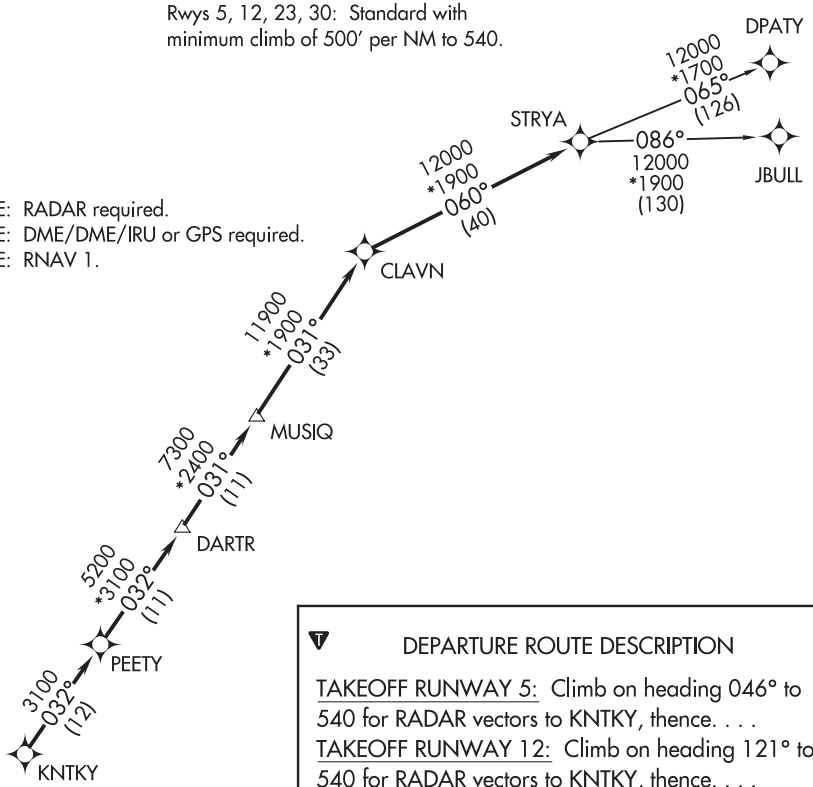
LA PORTE MUNI (T41)
LA PORTE, TEXAS

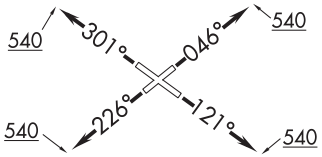
TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.7
CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard with minimum climb of 500′ per NM to 540.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540 for RADAR vectors to KNTKY, thence. . . .

. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

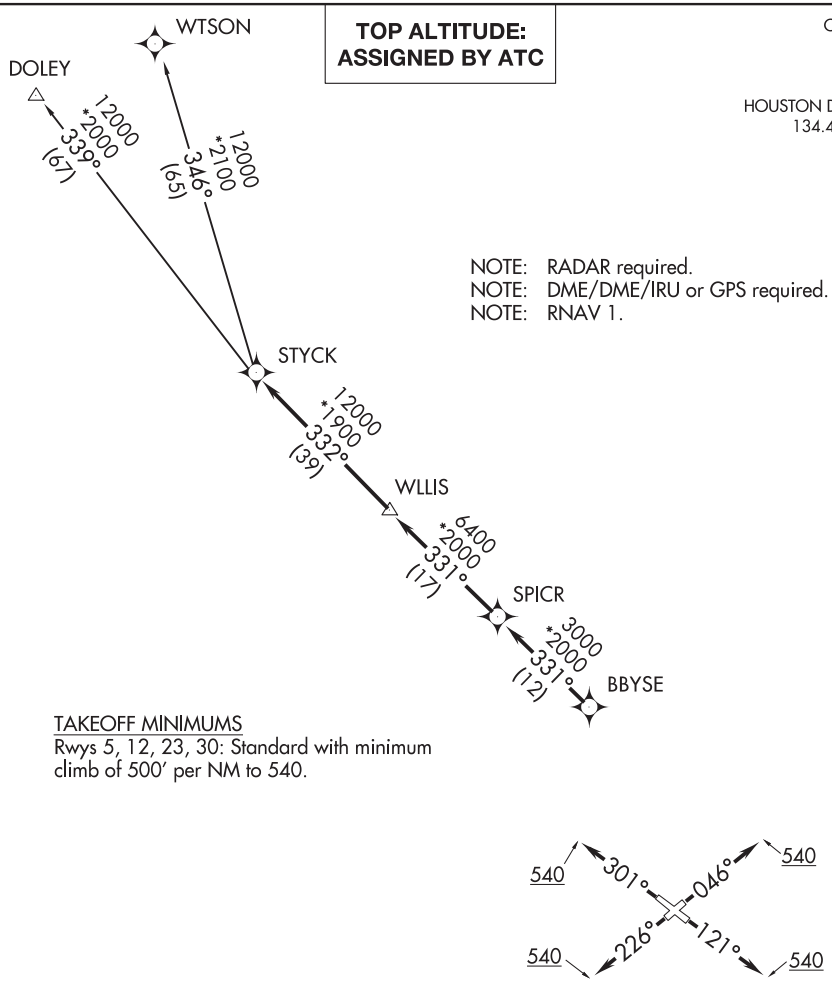
DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

SC-5, 12 JUN 2025 to 07 AUG 2025

STYCK EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0



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

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard with minimum climb of 500′ per NM to 540.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

(WATFO6.WATFO) 23222 AL-5433 (FAA)

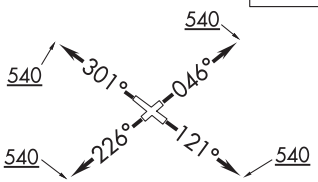
WATFO SIX DEPARTURE (RNAV)

LA PORTE MUNI (T41)
LA PORTE, TEXAS

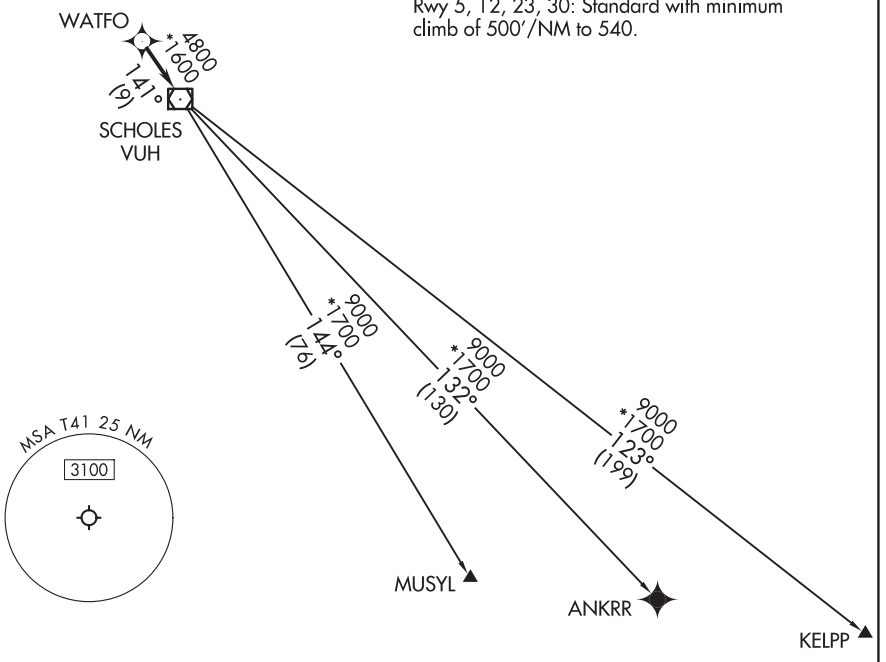
RNAV 1 - DME/DME/IRU or GPS.
RADAR required.

TOP ALTITUDE: ASSIGNED BY ATC

CTAF 122.7
CLNC DEL 125.6
HOUSTON DEP CON 134.45 284.0



TAKEOFF MINIMUMS:
Rwy 5, 12, 23, 30: Standard with minimum climb of 500'/NM to 540.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

WYLSN EIGHT DEPARTURE (RNAV)

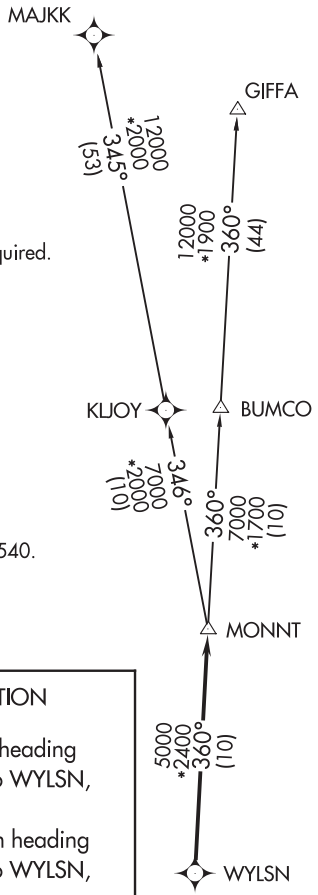
LA PORTE, TEXAS

CLNC DEL
125.6
CTAF
122.7
HOUSTON DEP CON
134.45 284.0

TOP ALTITUDE: ASSIGNED BY ATC

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

TAKEOFF MINIMUMS
Rwys 5, 12, 23, 30: Standard with minimum climb of 500′ per NM to 540.

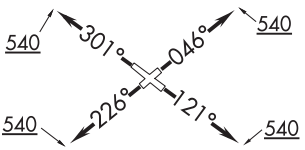


DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 046° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 121° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 23: Climb on heading 226° to 540 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 301° to 540 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)



NOTE: Chart not to scale.

LIBERTY, TEXAS | AL-5196 (FAA) | 21224

RNAV (GPS) RWY 16

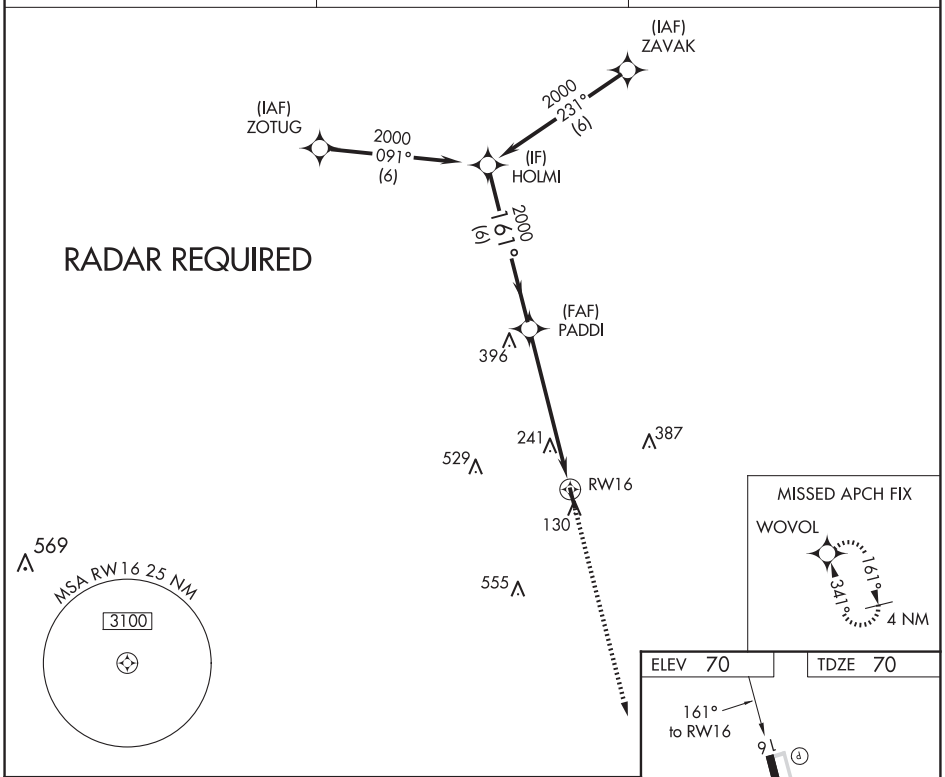
LIBERTY MUNI (T78)

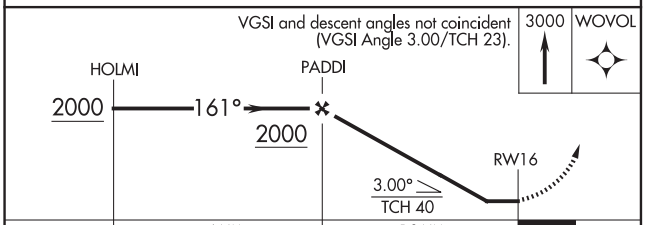
WAAS	APP CRS	Rwy ldg	3801
CH 78130	161°	TDZE	70
W16A		Apt Elev	70

Procedure NA at night. Use George Bush Intcntl/Houston altimeter setting. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3000 direct WOVOL and hold.

AWOS-3PT	HOUSTON APP CON	CTAF
120.775	119.7 281.4	122.9





CATEGORY	A	B	C	D
LP MDA	620-1 550 (600-1)		NA	
LNAV MDA	640-1 570 (600-1)		NA	
CIRCLING	640-1 570 (600-1)		NA	

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

VOR-A
LIBERTY MUNI (T78)

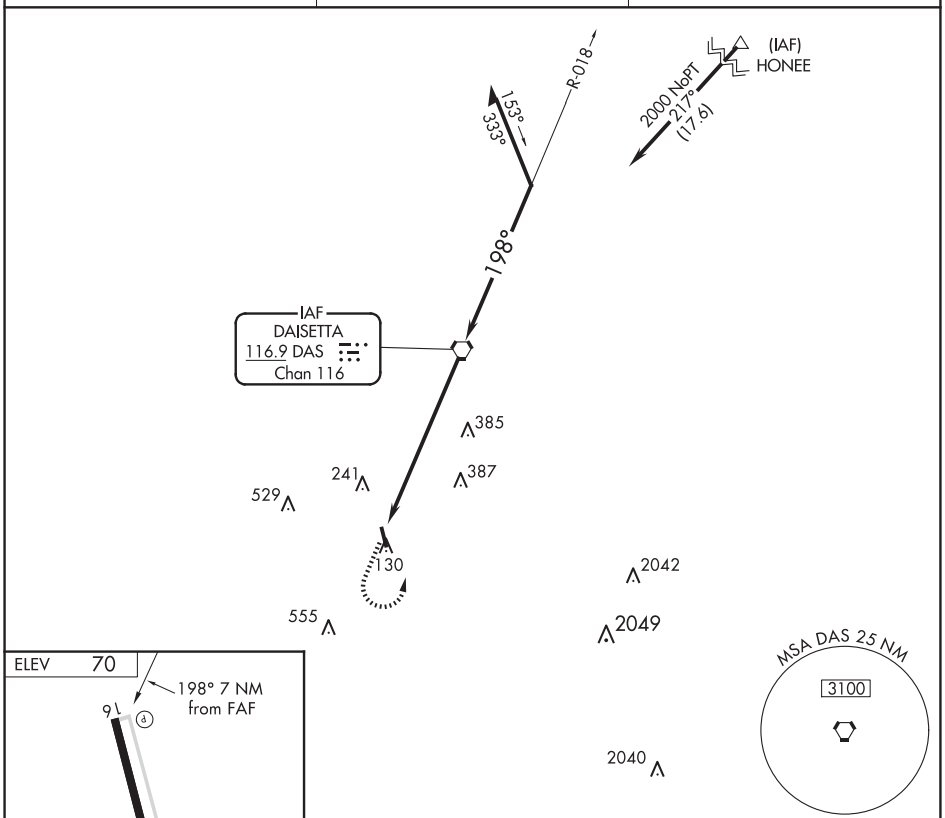
VORTAC DAS 116.9 Chan 116	APP CRS 198°	Rwy ldg N/A TDZE N/A Apt Elev 70

NA

Use George Bush Intcntl/Houston altimeter setting. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2000, then left turn direct DAS VORTAC.

AWOS-3PT	HOUSTON APP CON	CTAF
120.775	119.7 281.4	122.9 L



FAF to MAP 7 NM					
Knots	60	90	120	150	180
Min:Sec	7:00	4:40	3:30	2:48	2:20

CATEGORY	A	B	C	D
CIRCLING	600-1	530 (600-1)	NA	

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

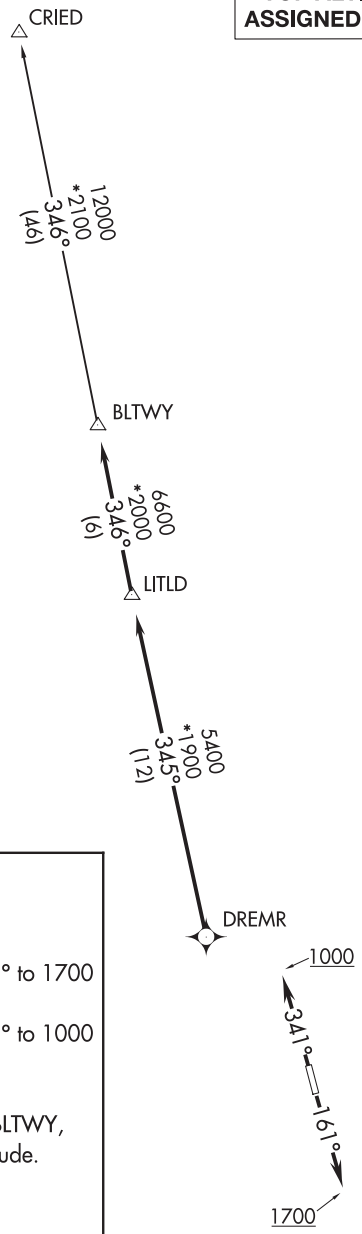
(BLTWY7.BLTWY) 21280 AL-5196 (FAA)

BLTWY SEVEN DEPARTURE (RNAV)

LIBERTY MUNI (T78)
LIBERTY, TEXAS

CTAF
122.9
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500′ per NM to 580.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700 for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000 for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

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

TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500'/NM to 580.

CTAF 122.9
HOUSTON DEP CON 119.7 281.4

1000 341° 161° 1700

N

BORRN
4400 *1600 267° (7)
DILRE
8600 *1700 298° (21)
ZUUUU
7600 *1600 271° (16)
BOCCK
7700 *1700 238° (17)
WEEED
12000 *2100 275° (44)
PUFER
12000 *2400 275° (34)
PSTUR
12000 *3100 279° (33)
CRGER
10600 *2100 275° (19)
MNURE
10800 *1800 270° (20)
WAILN
12000 *2100 275° (62)
HAYYY
12000 *2600 261° (68)
MARCS
12000 *2900 278° (33)
FOWLR
12000 *3700 279° (77)
JUNCTION JCT
12000 *2800 239° (35)
SAN ANTONIO SAT

MSA T78 25 NM
3100

NOTE: CRGER-TRANSITION ATC assigned only for aircraft departing 54T, AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, T00, T41.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SC-5, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700, for RADAR vectors to BORRN, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000, for RADAR vectors to BORRN, thence. . . .

. . . .on track 267° to DILRE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRGER TRANSITION (BORRN6.CRGER)
JUNCTION TRANSITION (BORRN6.JCT)
MNURE TRANSITION (BORRN6.MNURE)
SAN ANTONIO TRANSITION (BORRN6.SAT)
WAILN TRANSITION (BORRN6.WAILN)

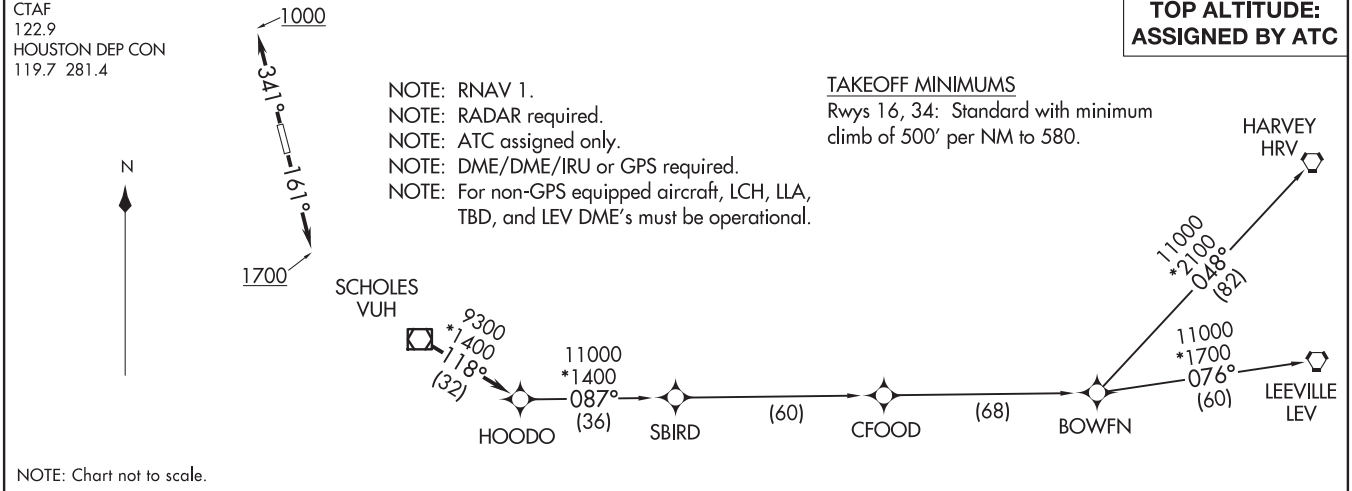
SC-5, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.9
HOUSTON DEP CON
119.7 281.4

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: ATC assigned only.
NOTE: DME/DME/IRU or GPS required.
NOTE: For non-GPS equipped aircraft, LCH, LLA, TBD, and LEV DME's must be operational.

TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500′ per NM to 580.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700, for RADAR vectors to VUH VOR/DME, thence . . . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000, for RADAR vectors to VUH VOR/DME, thence . . . .

. . . . on track 118° to HOODO, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

BOWFN TRANSITION (HOODO7.BOWFN)
CFOOD TRANSITION (HOODO7.CFOOD)
HARVEY TRANSITION (HOODO7.HRV)
LEEVILLE TRANSITION (HOODO7.LEV)
SBIRD TRANSITION (HOODO7.SBIRD)

(INDIE8.INDIE) 21280

INDIE EIGHT DEPARTURE (RNAV)

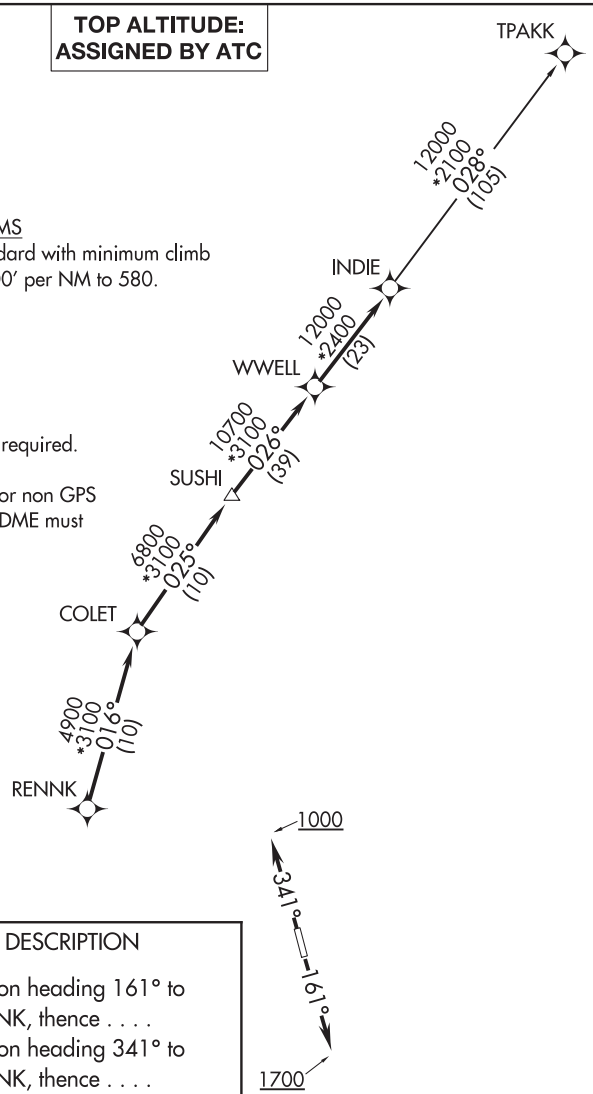
LIBERTY MUNI (T78)
LIBERTY, TEXAS

CTAF
122.9
HOUSTON DEP CON
119.7 281.4

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500′ per NM to 580.

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000 for RADAR vectors to RENNK, thence . . . .

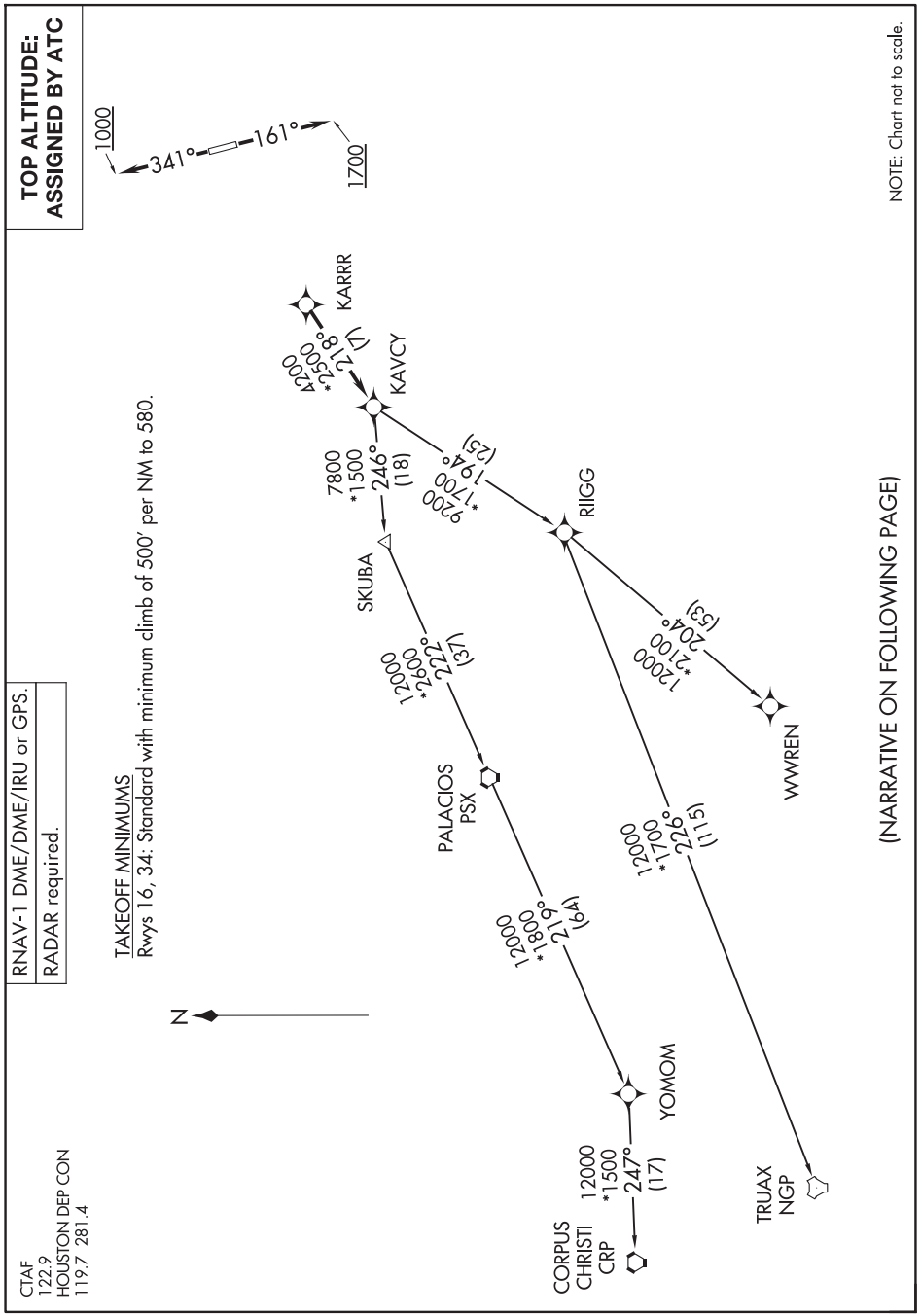
. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

KARRR SEVEN DEPARTURE (RNAV)



KARRR SEVEN DEPARTURE (RNAV)
(KARRR7.KARRR) 29DEC22
LIBERTY, TEXAS
LIBERTY MUNI (T78)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700, for RADAR vectors to KARRR, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000, for RADAR vectors to KARRR, thence. . . .

. . . .on track 218° to KAVCY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

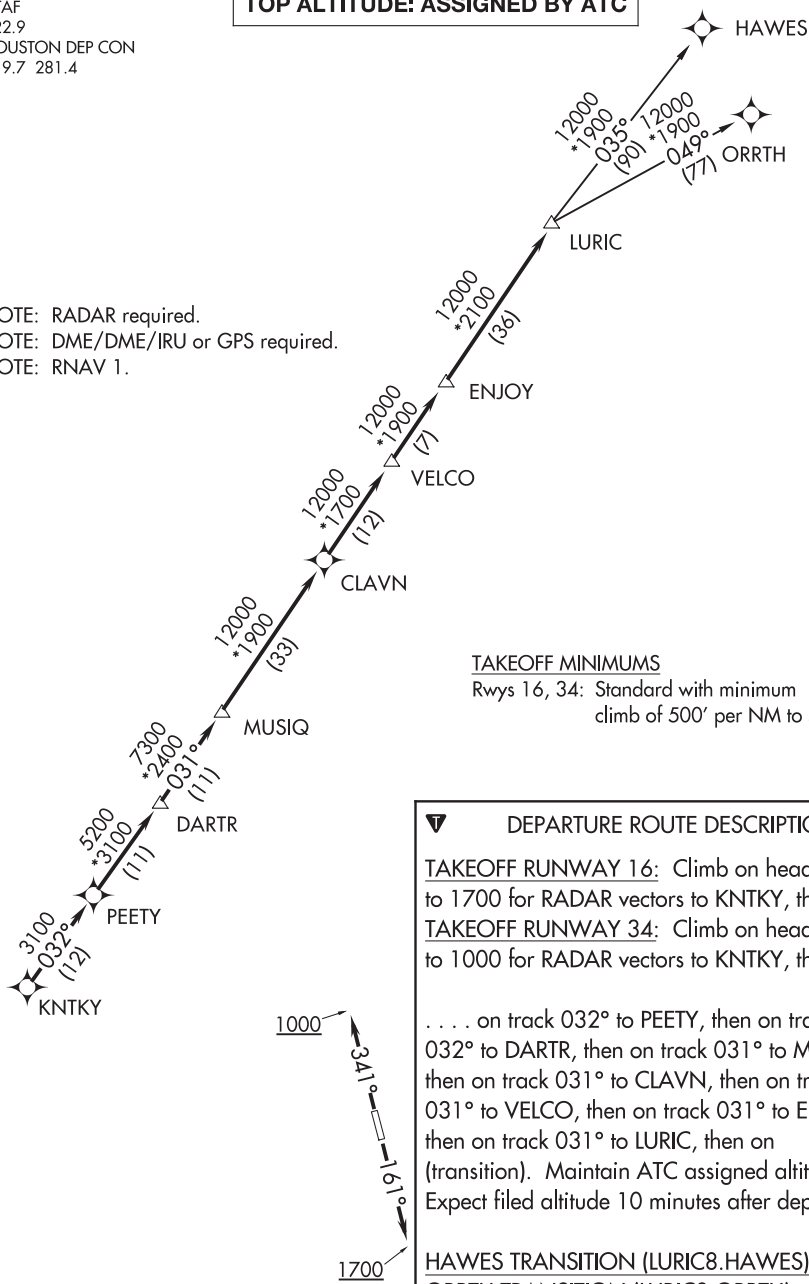
CORPUS CHRISTI TRANSITION (KARRR7.CRP)
PALACIOS TRANSITION (KARRR7.PSX)
TRUAX TRANSITION (KARRR7.NGP)
WWREN TRANSITION (KARRR7.WWREN)
YOMOM TRANSITOIN (KARRR7.YOMOM)

LURIC EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.9
HOUSTON DEP CON
119.7 281.4

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



TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500′ per NM to 580.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700 for RADAR vectors to KNTKY, thence....
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000 for RADAR vectors to KNTKY, thence....

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

SC-5, 12 JUN 2025 to 07 AUG 2025

MMALT SEVEN DEPARTURE (RNAV)

(MMALT7.MMALT) 30NOV23

LIBERTY MUNI (T78)
LIBERTY, TEXAS

(MMALT7.MMALT) 23334
MMALT SEVEN DEPARTURE (RNAV)
LIBERTY MUNI (T78)
LIBERTY, TEXAS

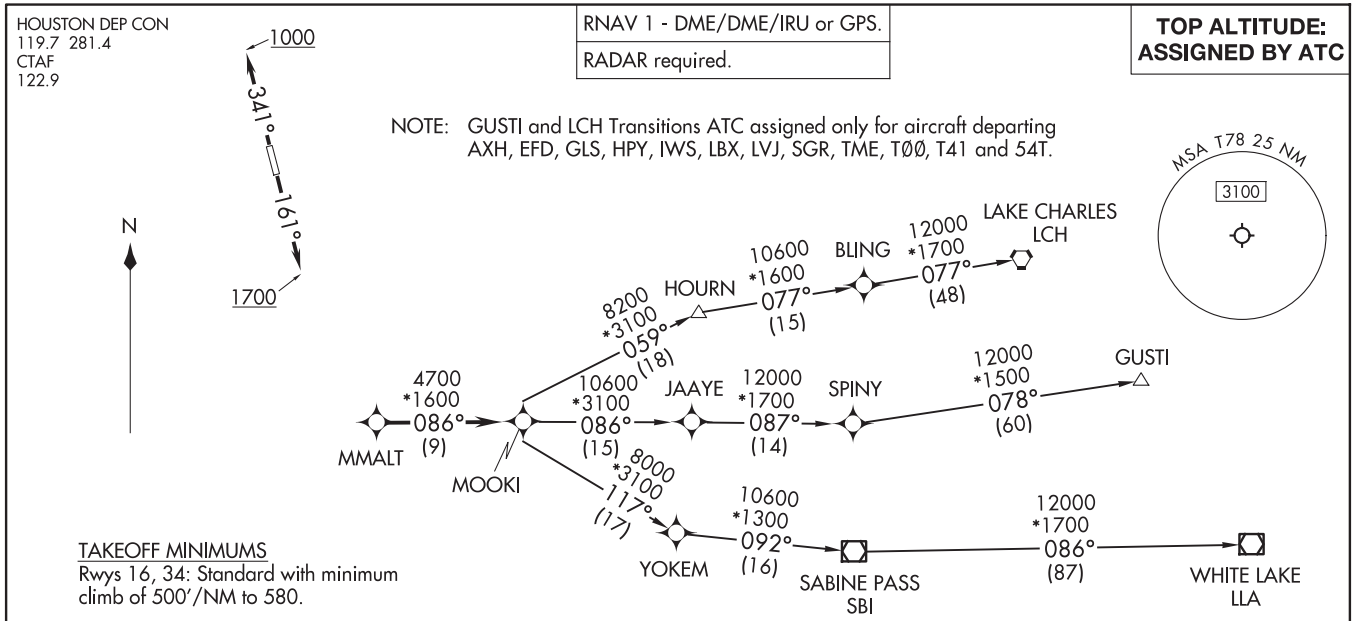
AL-5196 (FAA)

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

TOP ALTITUDE: ASSIGNED BY ATC

HOUSTON DEP CON
119.7 281.4
CTAF
122.9

NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.



TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500′/NM to 580.

DEPARTURE ROUTE DESCRIPTION

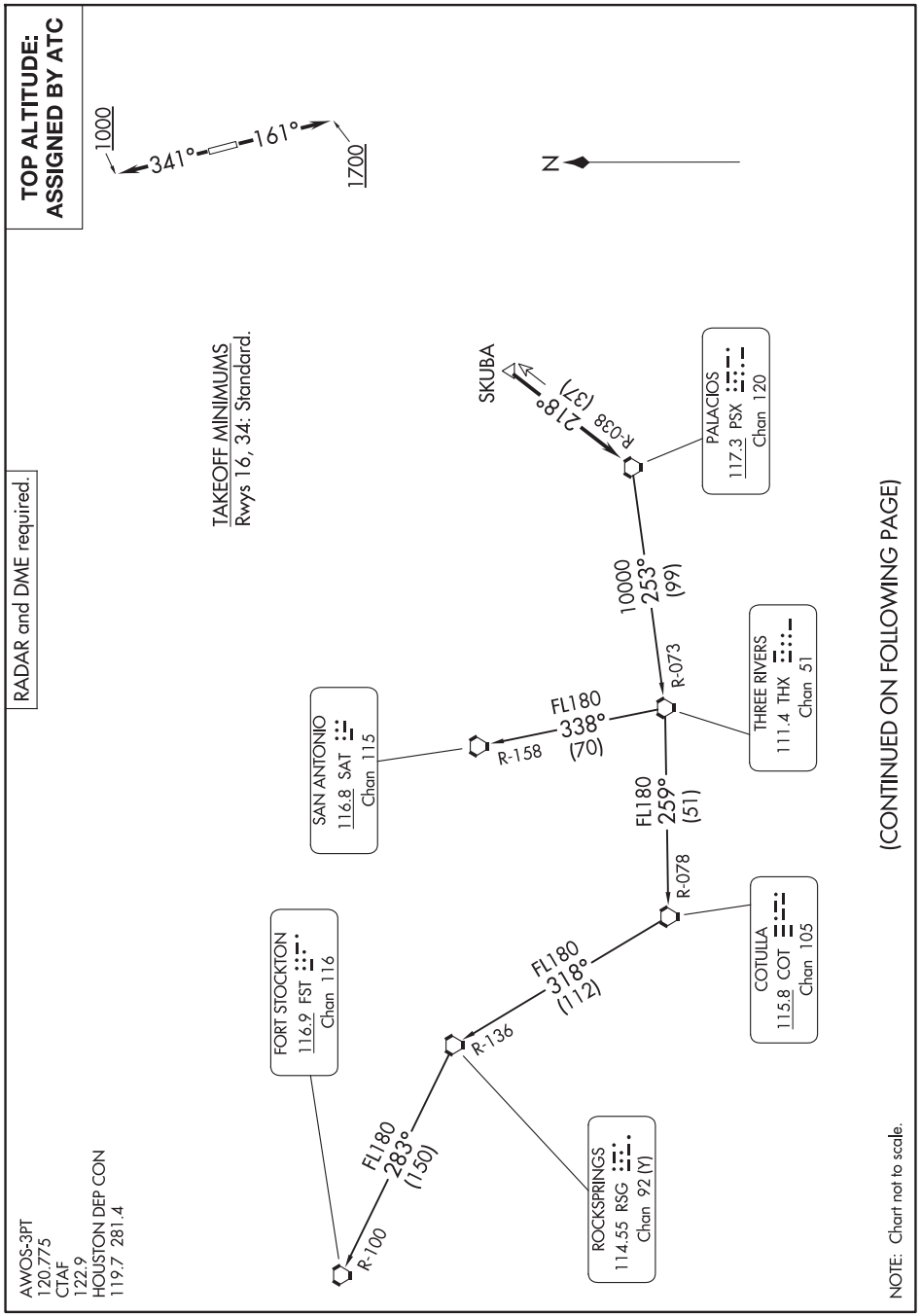
TAKEOFF RUNWAY 16: Climb on heading 161° to 1700, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

NOTE: Chart not to scale.

PALACIOS THREE DEPARTURE



(CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700 before turning, when entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000 before turning, when entering controlled airspace, climb on assigned heading for RADAR vectors to SKUBA. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure, thence. . . .

. . . .on PSX R-038 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on THX R-259 and COT R-078 to COT VORTAC, then on COT R-318 and RSG R-136 to RSG VORTAC, then on RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC on PSX R-253 and THX R-073 to THX VORTAC, then on SAT R-158 to SAT VORTAC.

SC-5, 12 JUN 2025 to 07 AUG 2025

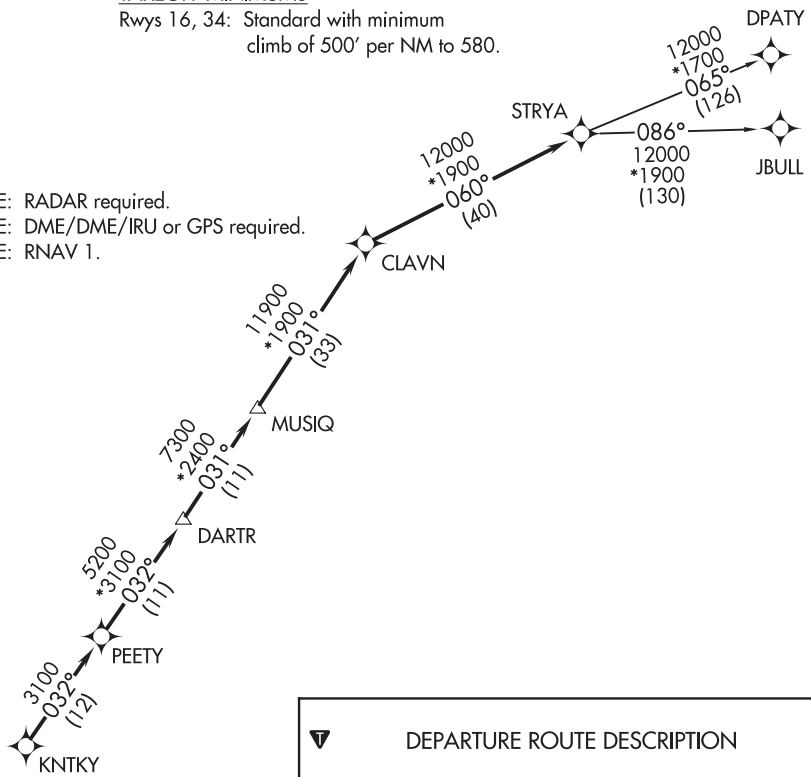
STRYA EIGHT DEPARTURE (RNAV)

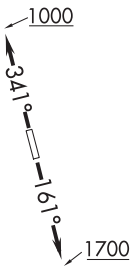
TOP ALTITUDE: ASSIGNED BY ATC

CTAF
122.9
HOUSTON DEP CON
119.7 281.4

TAKEOFF MINIMUMS
Rwys 16, 34: Standard with minimum climb of 500′ per NM to 580.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000 for RADAR vectors to KNTKY, thence. . . .

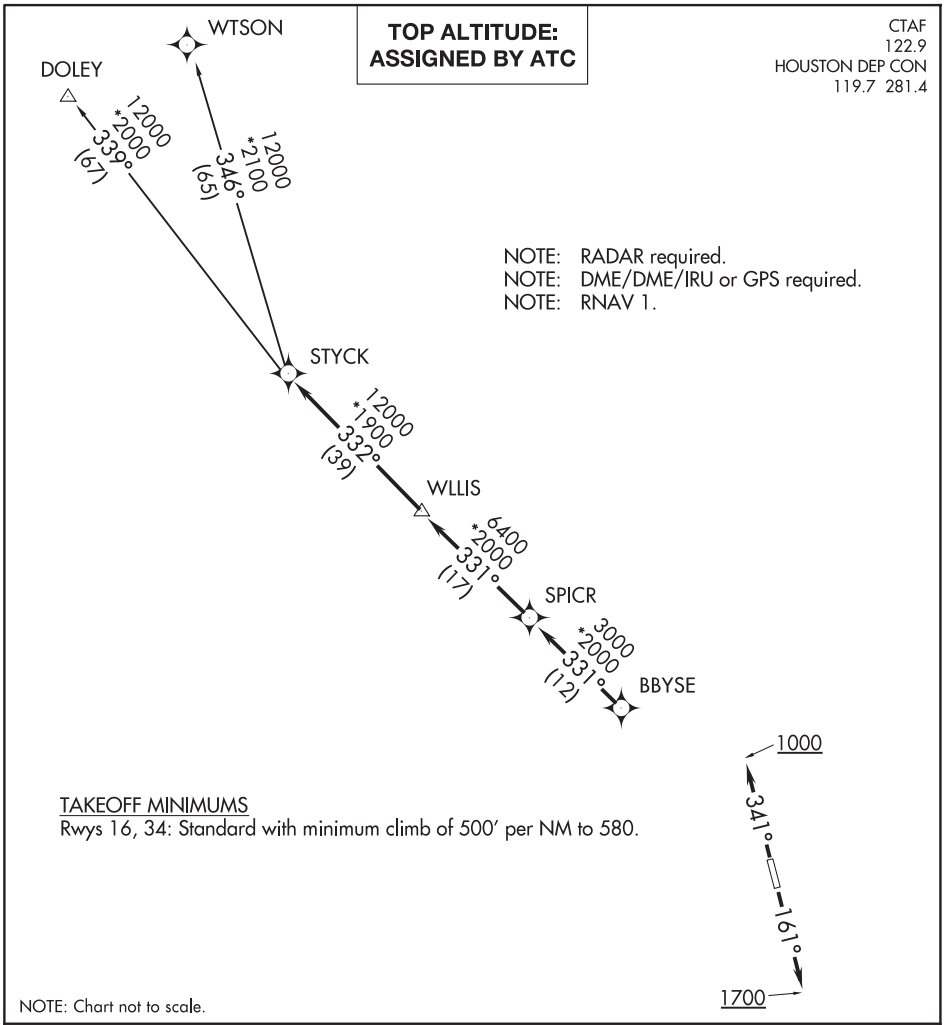
. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

(STYCK8.STYCK) 21280 AL-5196 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

LIBERTY MUNI (T78)
LIBERTY, TEXAS



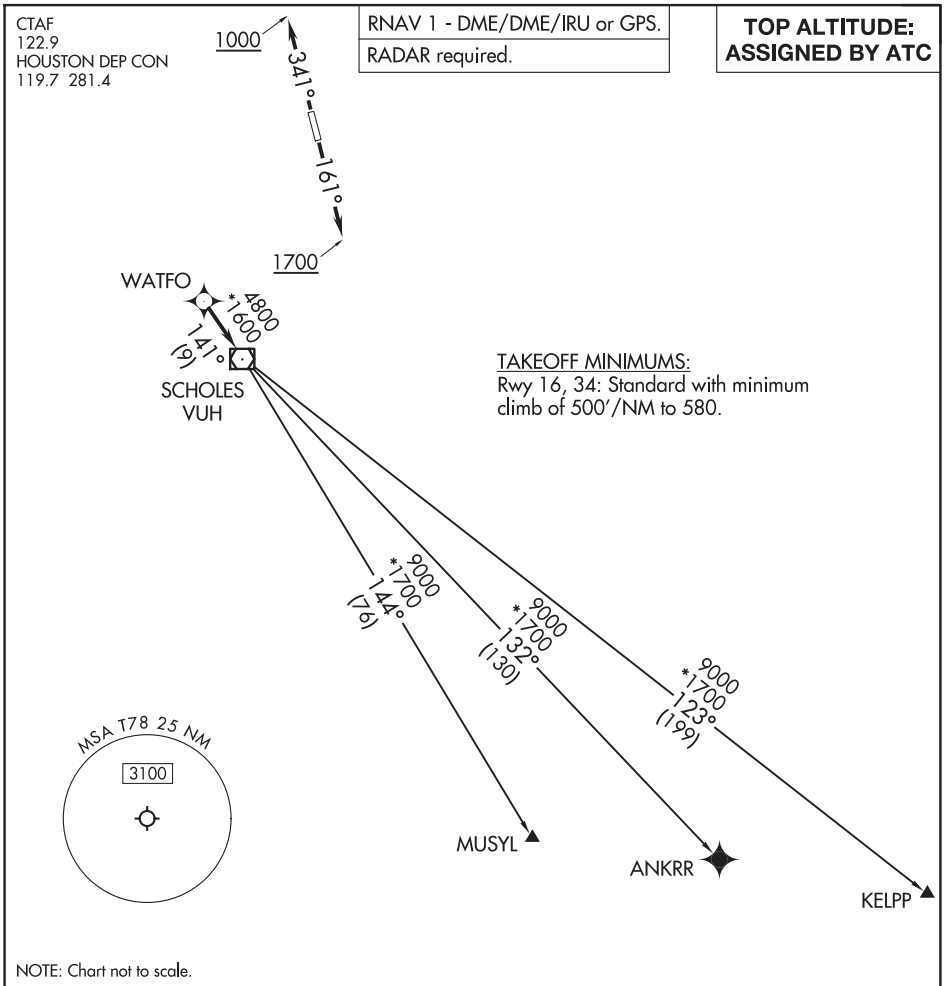
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

WATFO SIX DEPARTURE (RNAV)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb on heading 161° to 1700, for RADAR vectors to WATFO, thence. . . .
TAKEOFF RUNWAY 34: Climb on heading 341° to 1000, for RADAR vectors to WATFO, thence. . . .

. . . .on track 141° to VUH VOR/DME, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

ANKRR TRANSITION (WATFO6.ANKRR)
KELPP TRANSITION (WATFO6.KELPP)
MUSYL TRANSITION (WATFO6.MUSYL)

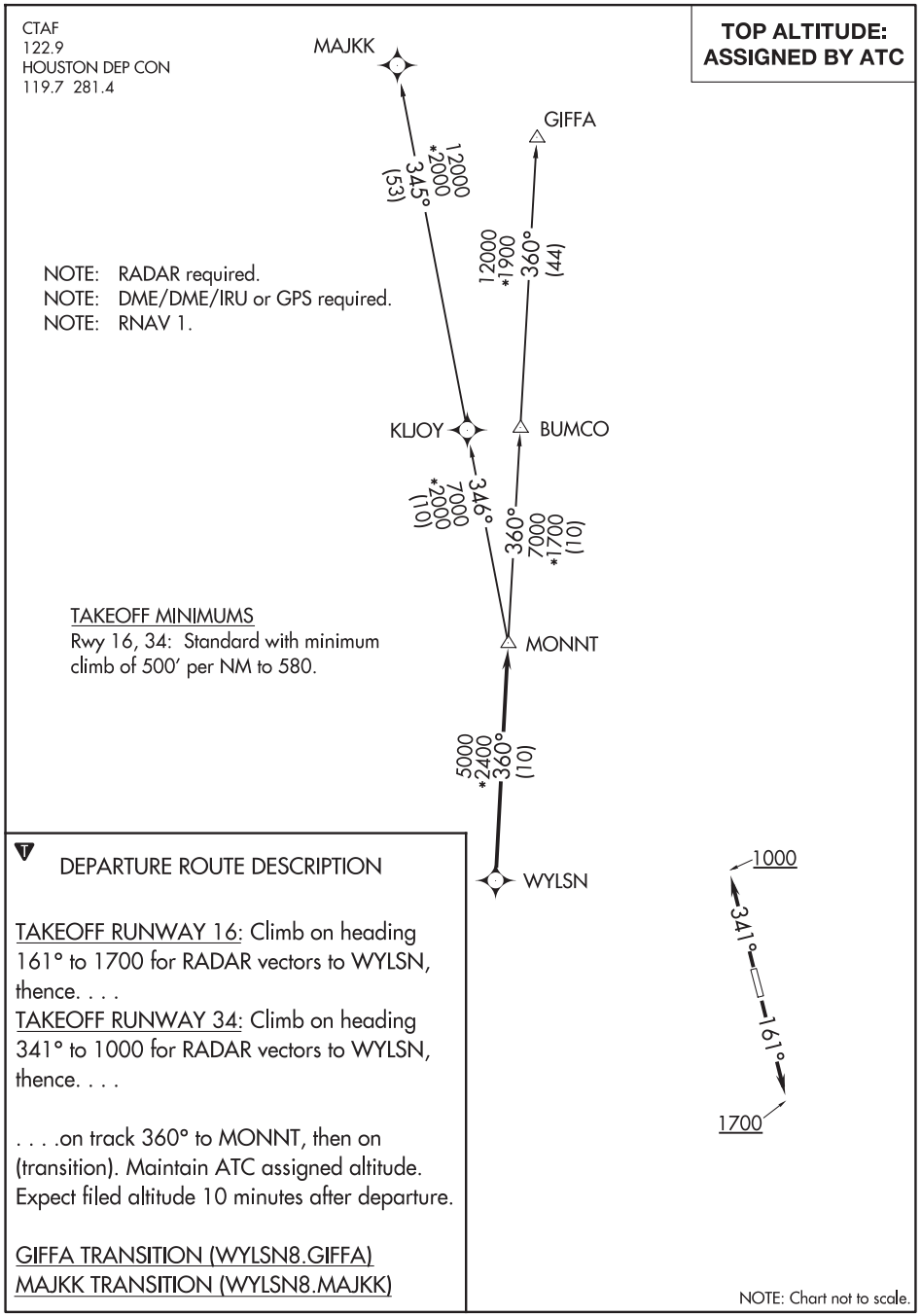
SC-5, 12 JUN 2025 to 07 AUG 2025

(WYLSN8.WYLSN) 21280 AL-5196 (FAA)

LIBERTY MUNI (T78)

WYLSN EIGHT DEPARTURE (RNAV)

LIBERTY, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

WYLSN EIGHT DEPARTURE (RNAV)

LIBERTY, TEXAS

(WYLSN8.WYLSN) 07OCT21

LIBERTY MUNI (T78)

APP CRS	Rwy ldg	3704
305°	TDZE	151
	Apt Elev	151

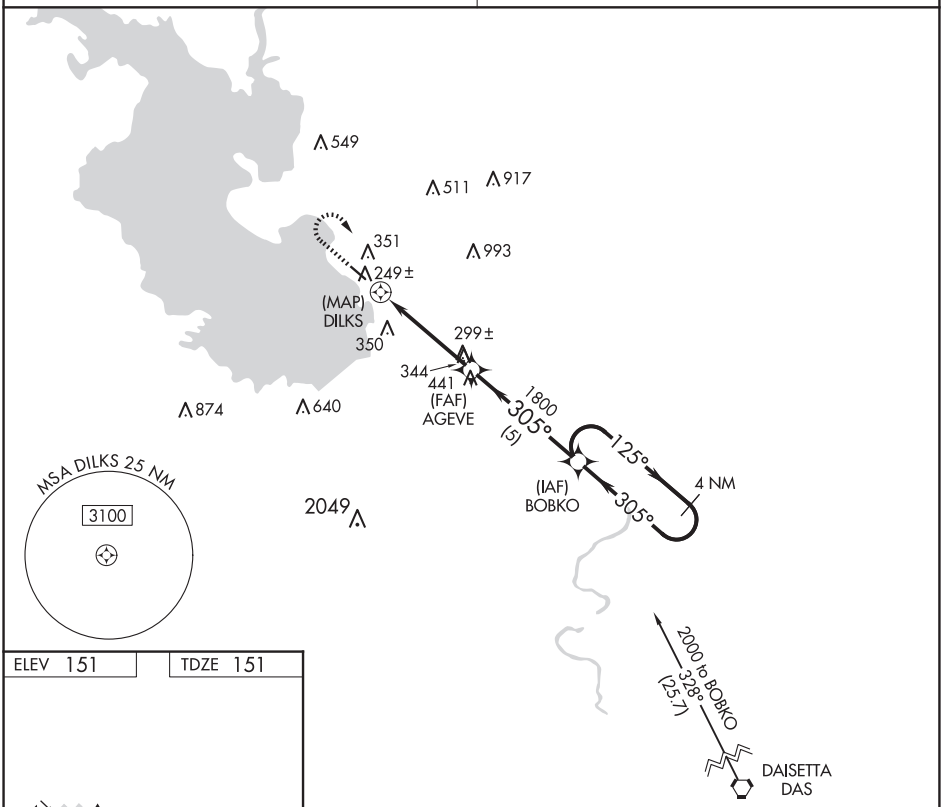
RNAV (GPS) RWY 30
LIVINGSTON MUNI (ØØR)

RNP APCH-GPS.

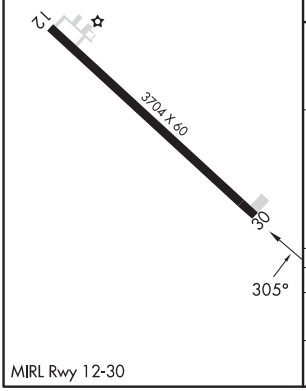
Use Conroe/North Houston Rgnl altimeter setting. Rwy 30 helicopter visibility reduction below 1 SM NA. Night landing: Rwy 30 NA.

MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct BOBKO WP and hold.

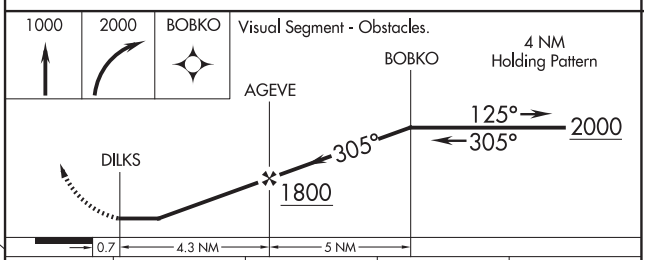
HOUSTON CENTER	UNICOM
125.175 285.575	122.7 (CTAF)



ELEV 151 TDZE 151



MIRL Rwy 12-30



CATEGORY	A	B	C	D
LNAV MDA	680-1	529 (600-1)	680-1½ 529 (600-1½)	NA
CIRCLING	800-1	649 (700-1)	800-1¾ 649 (700-1¾)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

LUFKIN, TEXAS | AL-870 (FAA) | 20142

ILS or LOC RWY 7
ANGELINA COUNTY (LFK)

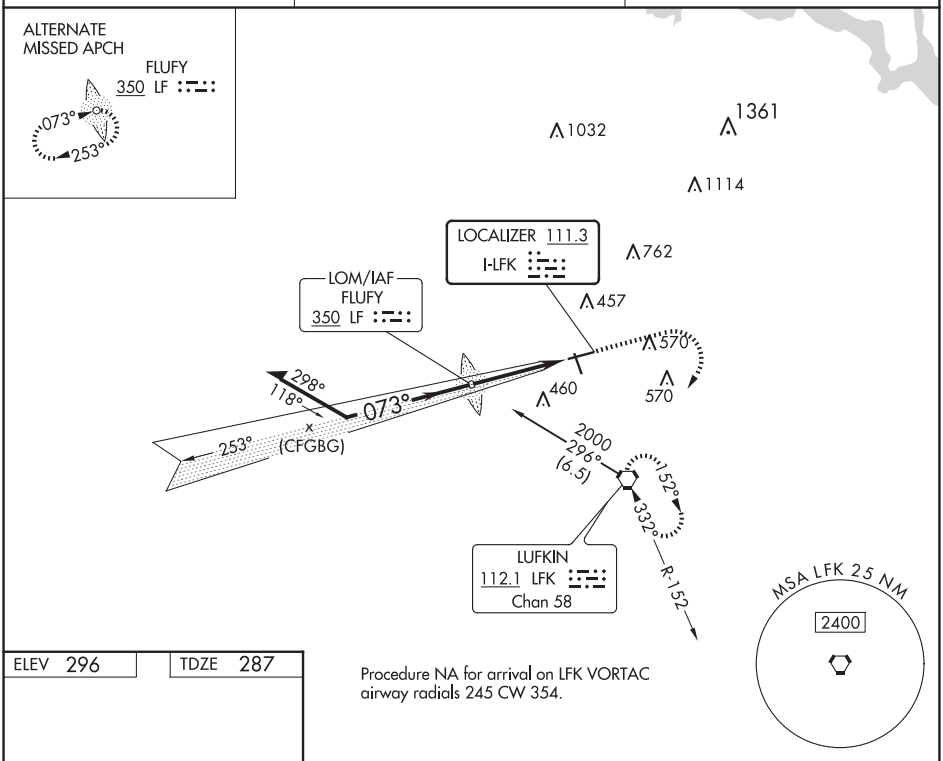
LOC I-LFK	APP CRS	Rwy ldg	5400
111.3	073°	TDZE	287
		Apt Elev	296

NA — Circling Rwy 16, 25 NA at night.

MALSR

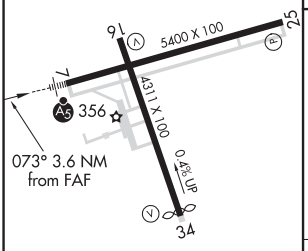
MISSED APPROACH: Climb to 800 then climbing right turn to 2000 direct LFK VORTAC and hold, continue climb-in-hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.175 285.575	123.0 (CTAF) L



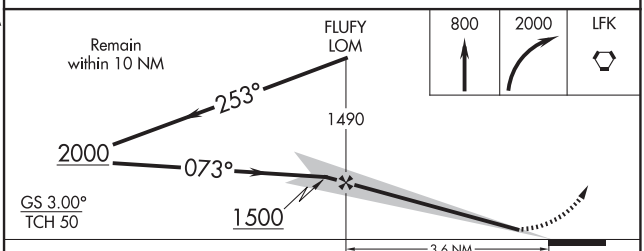
Procedure NA for arrival on LFK VORTAC airway radials 245 CW 354.

ELEV 296 | TDZE 287



MIRL Rwys 7-25 and 16-34 L

FAF to MAP 3.6 NM					
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12



CATEGORY	A	B	C	D
S-ILS 7	537-½ 250 (300-½)			
S-LOC 7	680-½ 393 (400-½)		680-⅝ 393 (400-⅝)	
C CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	880-1½ 584 (600-1½)	1140-2¾ 844 (900-2¾)

LUFKIN, TEXAS
Amdt 3 07DEC17

31°14′N-94°45′W

ANGELINA COUNTY (LFK)
ILS or LOC RWY 7

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 50105 W07A	APP CRS 073°	Rwy ldg 5400 TDZE 287 Apt Elev 296

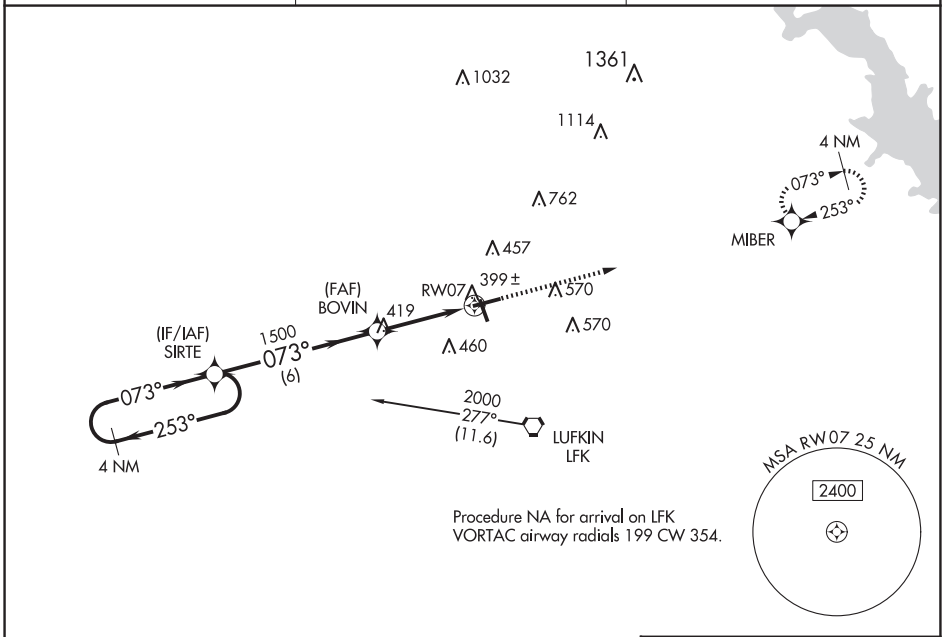
RNAV (GPS) RWY 7
ANGELINA COUNTY (LFK)

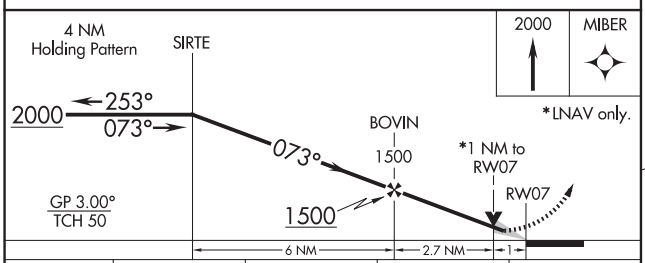
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C (25°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Circling Rwy 16, 25 NA at night.

MALSR

MISSED APPROACH: Climb to 2000 direct MIBER and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.175 285.575	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	537-½ 250 (300-½)			
LNAV/VNAV DA	563-½ 276 (300-½)			
LNAV MDA	660-½ 373 (400-½)		660-⅝ 373 (400-⅝)	
C CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	880-1½ 584 (600-1½)	1140-2¾ 844 (900-2¾)

MIRL Rwys 7-25 and 16-34 L

LUFKIN, TEXAS | AL-870 (FAA) | 20142

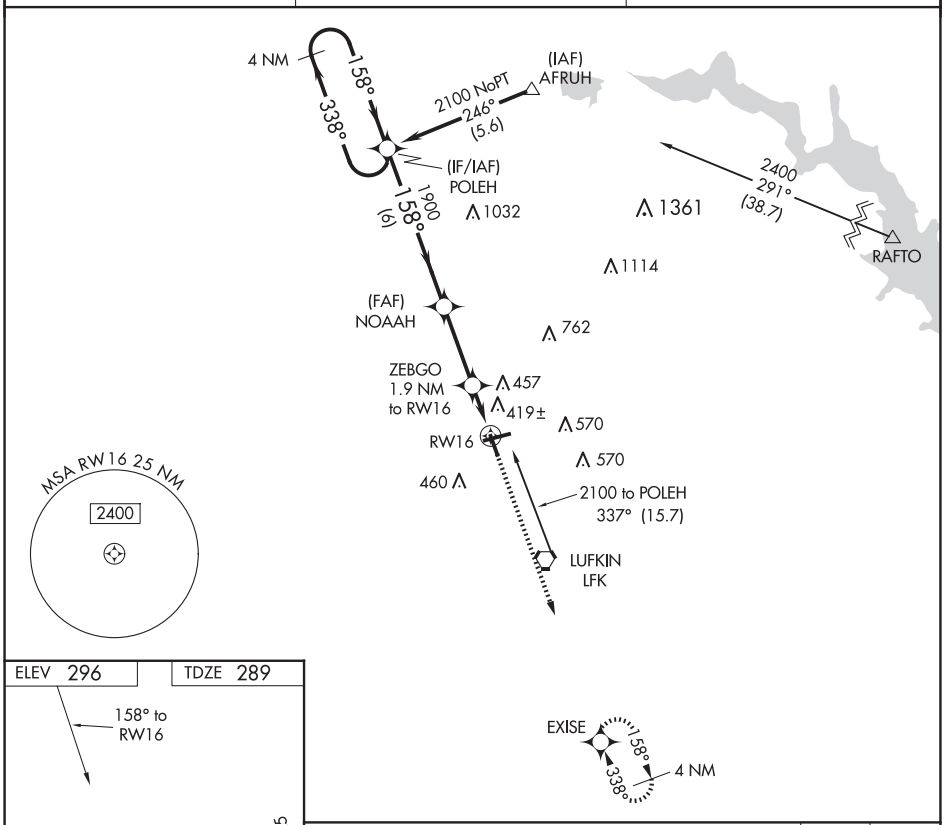
RNAV (GPS) RWY 16
ANGELINA COUNTY (LFK)

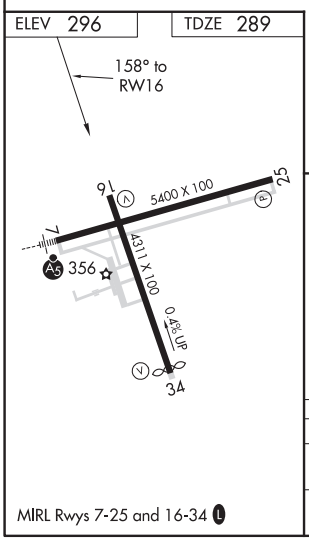
APP CRS	Rwy ldg	4311
158°	TDZE	289
	Apt Elev	296

DME/DME RNP-0.3 NA.
Straight in Rwy 16 NA at night, Circling Rwy 16, 25 NA at night.
Rwy 16 helicopter visibility reduction below 1 SM NA.

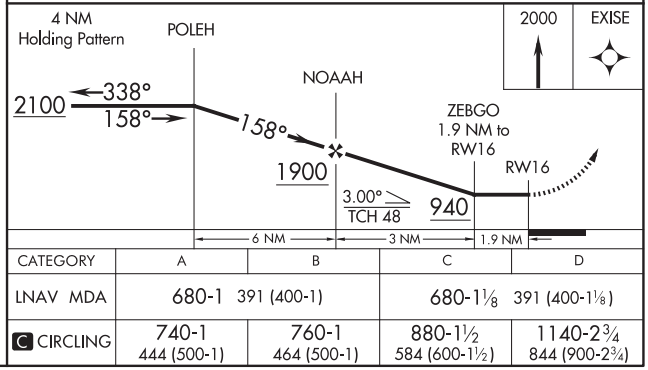
MISSED APPROACH: Climb to 2000 direct EXISE and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.175 285.575	123.0 (CTAF) L





MIRL Rwys 7-25 and 16-34 L



CATEGORY	A	B	C	D
LNAV MDA	680-1 391 (400-1)		680-1⅛ 391 (400-1⅛)	
C CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	880-1½ 584 (600-1½)	1140-2¾ 844 (900-2¾)

LUFKIN, TEXAS
Amdt 1 07DEC17

31°14′N-94°45′W

ANGELINA COUNTY (LFK)
RNAV (GPS) RWY 16

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 72641 W25A	APP CRS 253°	Rwy ldg 5400 TDZE 296 Apt Elev 296

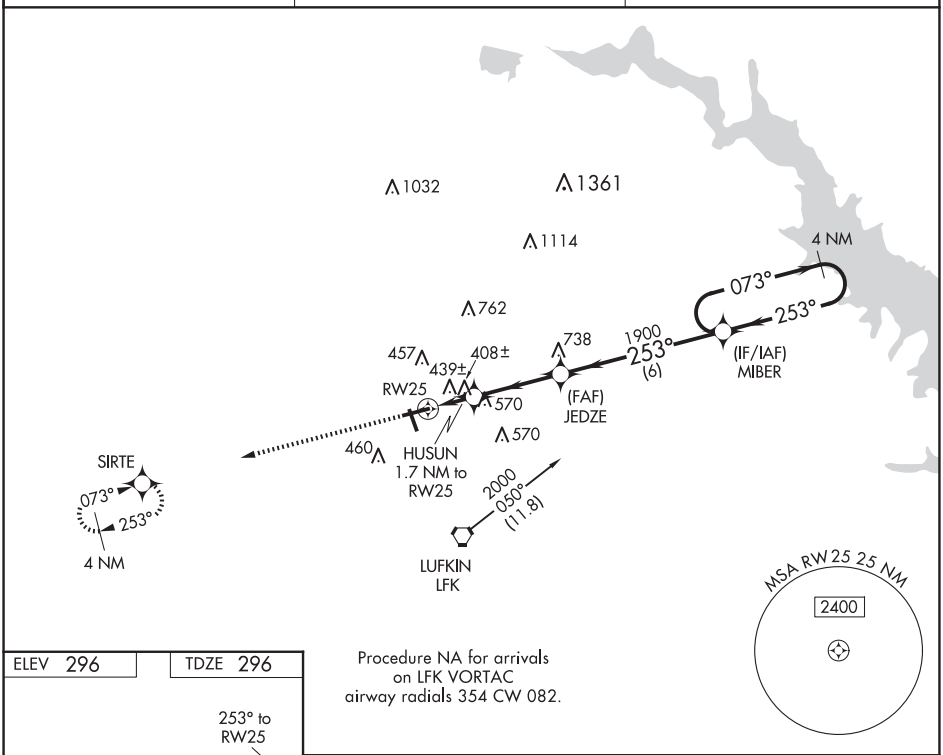
RNAV (GPS) RWY 25
ANGELINA COUNTY (LFK)

T A W

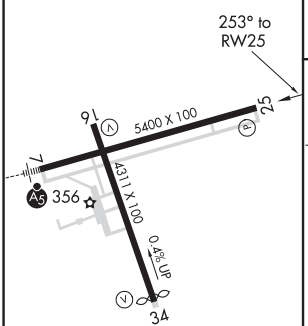
DME/DME RNP- 0.3 NA. Straight-in Rwy 25 NA at night, Circling Rwy 16, 25 NA at night. Rwy 25 helicopter visibility reduction below 1 SM NA.

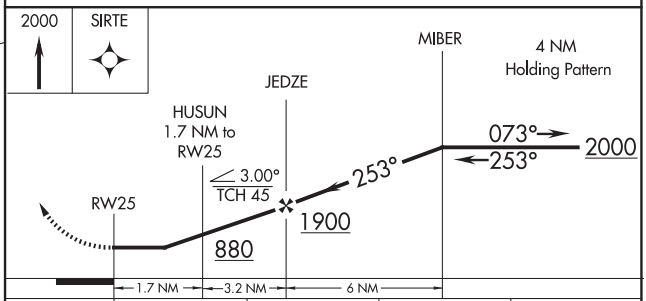
MISSED APPROACH: Climb to 2000 direct SIRTE and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.175 285.575	123.0 (CTAF) L



ELEV 296 TDZE 296





CATEGORY	A	B	C	D
LP MDA	660-1 364 (400-1)			
LNAV MDA	700-1 404 (500-1)		700-1⅛ 404 (500-1⅛)	
C CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	880-1½ 584 (600-1½)	1140-2¾ 844 (900-2¾)

MIRL Rwys 7-25 and 16-34 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

LUFKIN, TEXAS | AL-870 (FAA) | 20142

RNAV (GPS) RWY 34

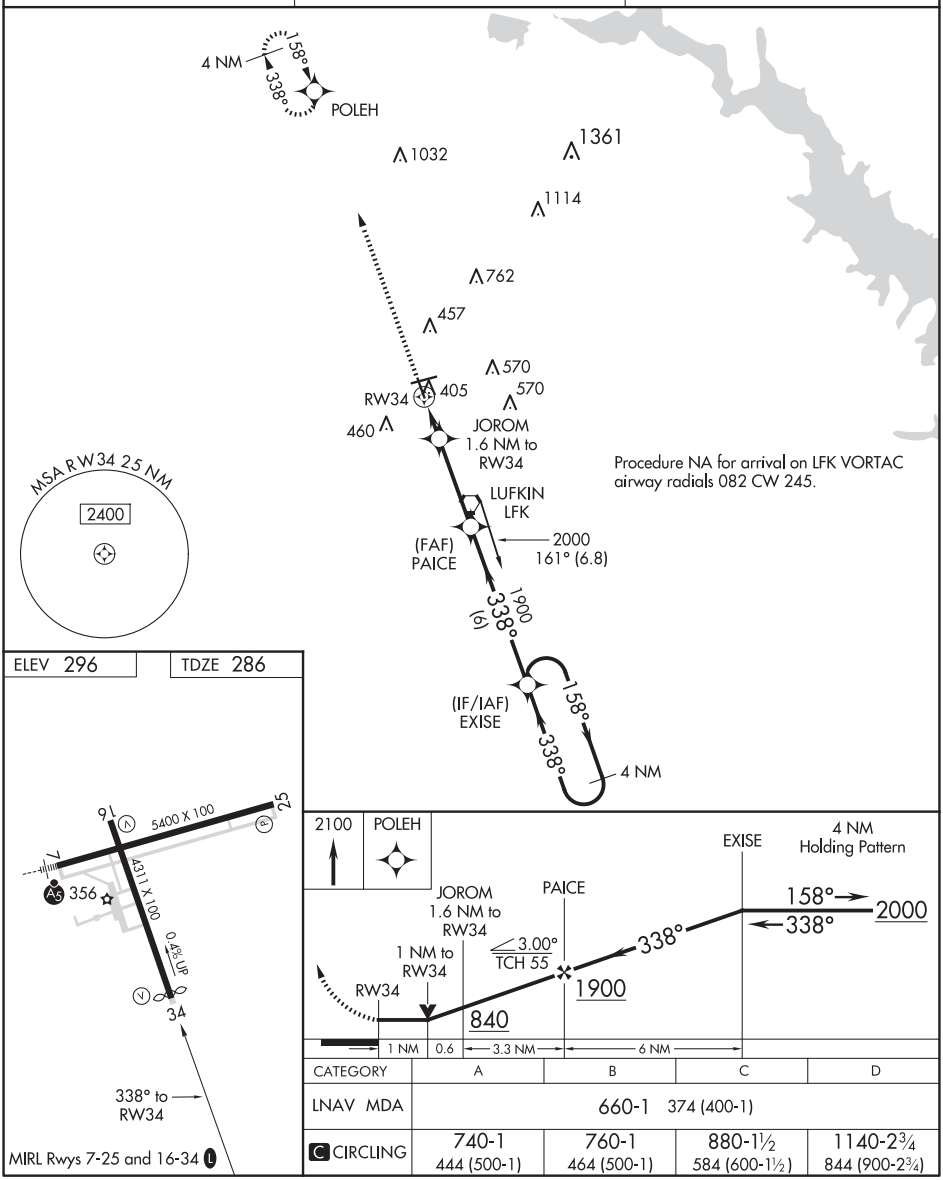
ANGELINA COUNTY (LFK)

APP CRS	Rwy ldg	4204
338°	TDZE	286
	Apt Elev	296

DME/DME RNP-0.3 NA. Circling Rwy 16, 25 NA at night.
Rwy 34 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2100 direct POLEH and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.175 285.575	123.0 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	660-1 374 (400-1)			
C CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	880-1½ 584 (600-1½)	1140-2¾ 844 (900-2¾)

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

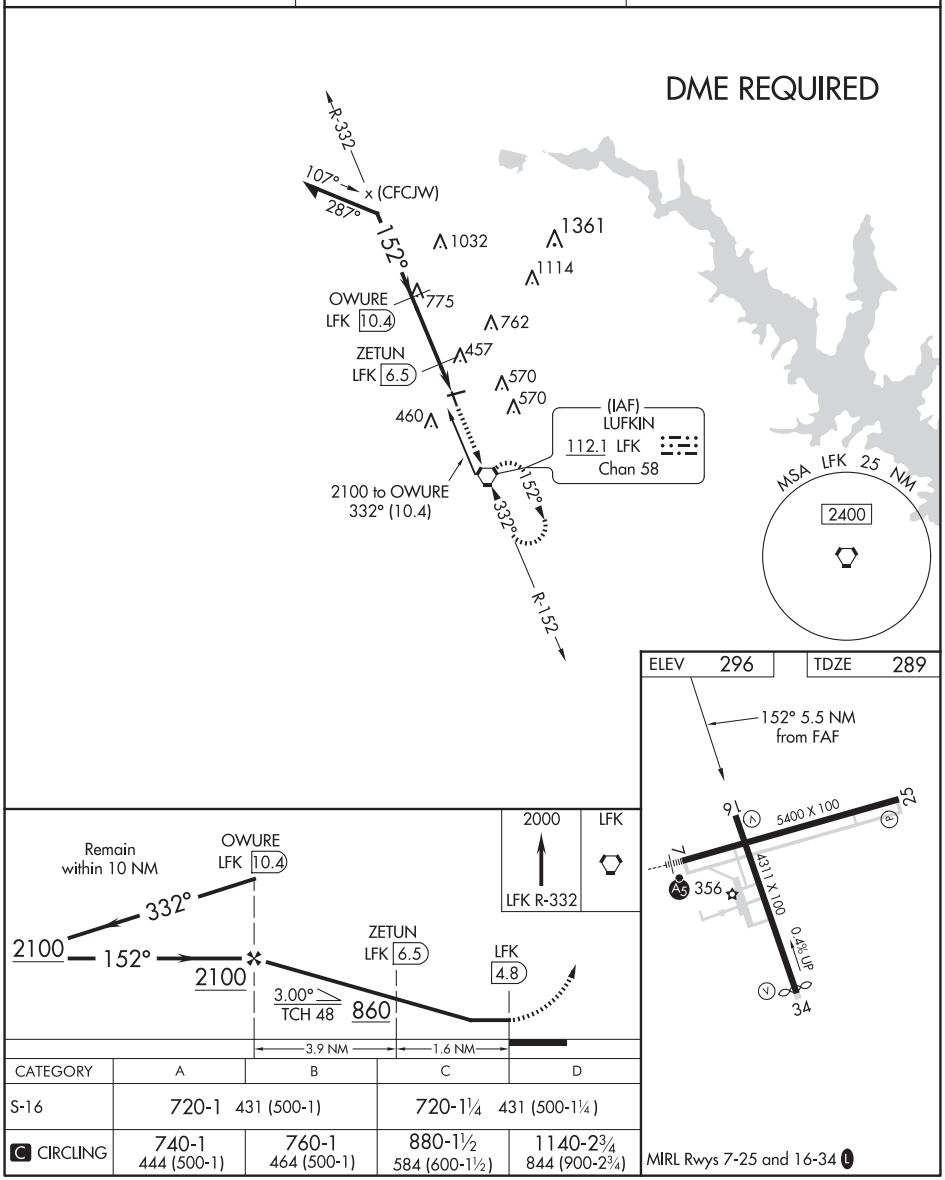
VORTAC LFK	APP CRS	Rwy ldg	4311
112.1	152°	TDZE	289
Chan 58		Apt Elev	296

VOR RWY 16
ANGELINA COUNTY (LFK)

Rwy 16 helicopter visibility reduction below 1 SM NA.
DME Required. Straight-in Rwy 16 NA at night,
Circling Rwy 16, 25 NA at night.

MISSED APPROACH: Climb to 2000 on LFK VORTAC R-332 to LFK VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.175 285.575	123.0 (CTAF) L



CATEGORY	A	B	C	D
S-16	720-1 431 (500-1)		720-1¼ 431 (500-1¼)	
C CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	880-1½ 584 (600-1½)	1140-2¾ 844 (900-2¾)

MIRL Rwys 7-25 and 16-34 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

LUFKIN, TEXAS | AL-870 (FAA) | 20142

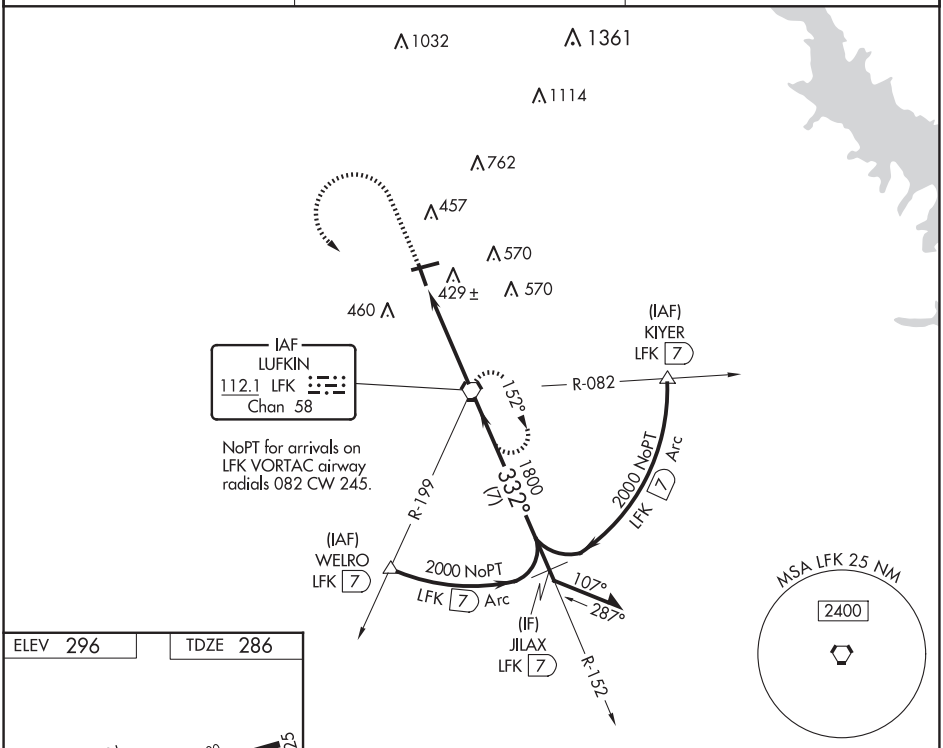
VOR RWY 34
ANGELINA COUNTY (LFK)

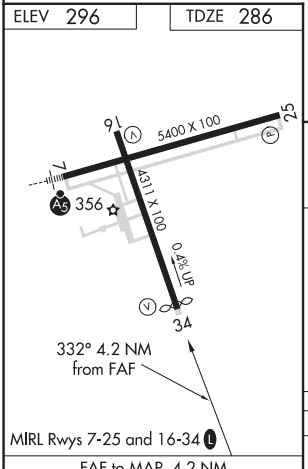
VORTAC LFK	APP CRS	Rwy ldg	4204
112.1	332°	TDZE	286
Chan 58		Apt Elev	296

Rwy 34 helicopter visibility reduction below 1 SM NA.
Straight-In Rwy 34 NA at night, Circling to Rwy 16, 25, 34 NA at night.

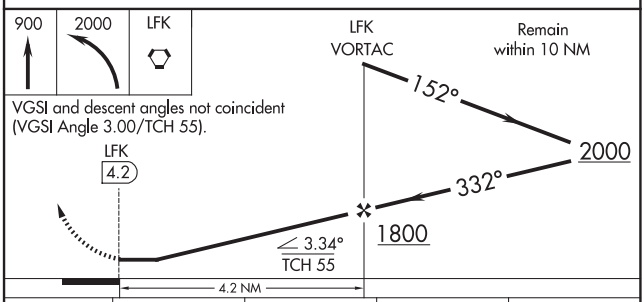
MISSED APPROACH: Climb to 900 then climbing left turn to 2000 direct LFK VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.175 285.575	123.0 (CTAF) L





FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D
S-34	680-1 394 (400-1)		680-1⅛ 394 (400-1⅛)	
C CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	880-1½ 584 (600-1½)	1140-2¾ 844 (900-2¾)

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy ldg	3202
008°	TDZE	283
	Apt Elev	287

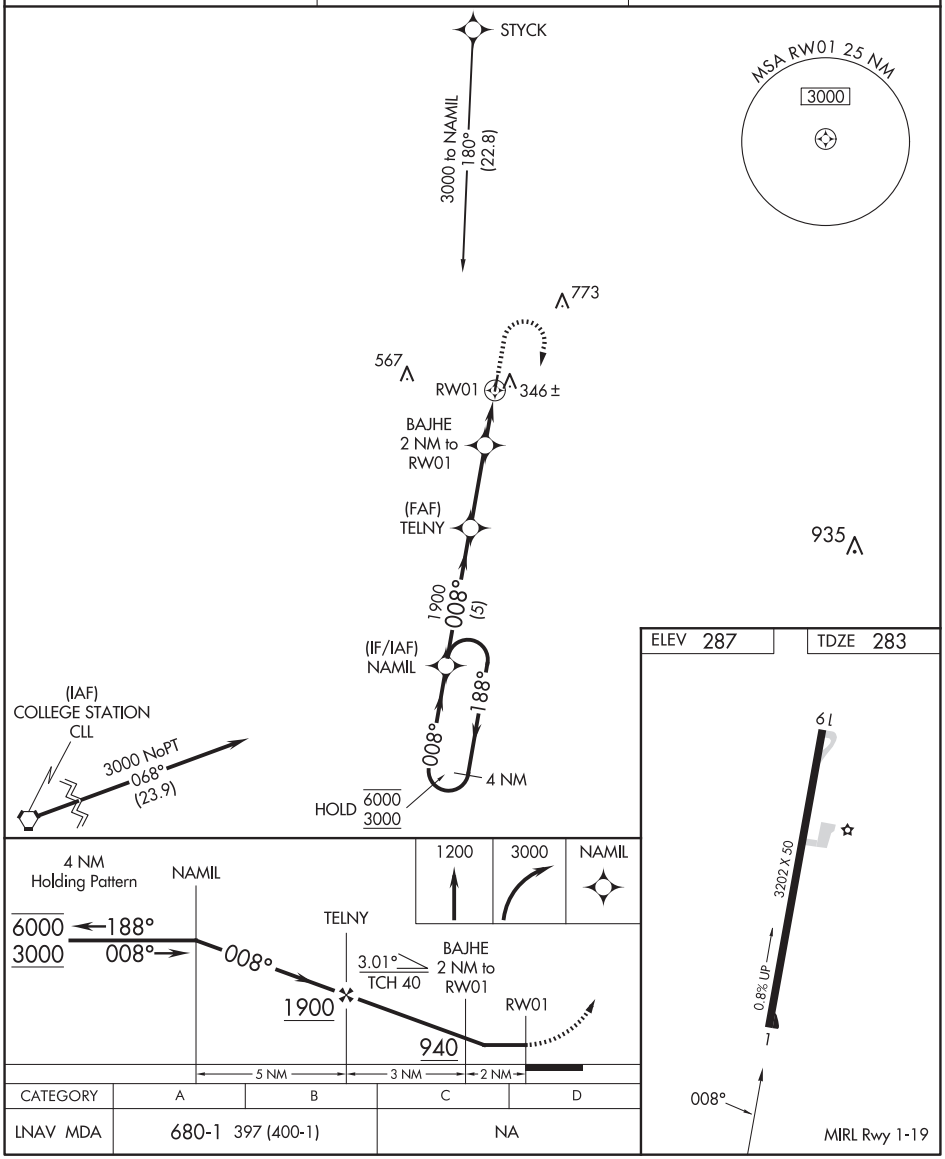
RNAV (GPS) RWY 1
MADISONVILLE MUNI (51R)

RNP APCH - GPS.

Procedure NA at night.
NA Rwy 1 helicopter visibility reduction below 1 SM NA.
Use UTS altimeter setting.

MISSED APPROACH: Climb to 1200 then climbing right turn to 3000 direct NAMIL and hold.

UTS ASOS	HOUSTON CENTER	CTAF
119.425	134.8 269.6	122.9



CATEGORY	A	B	C	D
LNAV MDA	680-1 397 (400-1)		NA	

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

MADISONVILLE, TEXAS

AL-6843 (FAA)

24361

RNAV (GPS) RWY 19

MADISONVILLE MUNI (51R)

APP CRS	Rwy ldg	3202
188°	TDZE	287
	Apt Elev	287

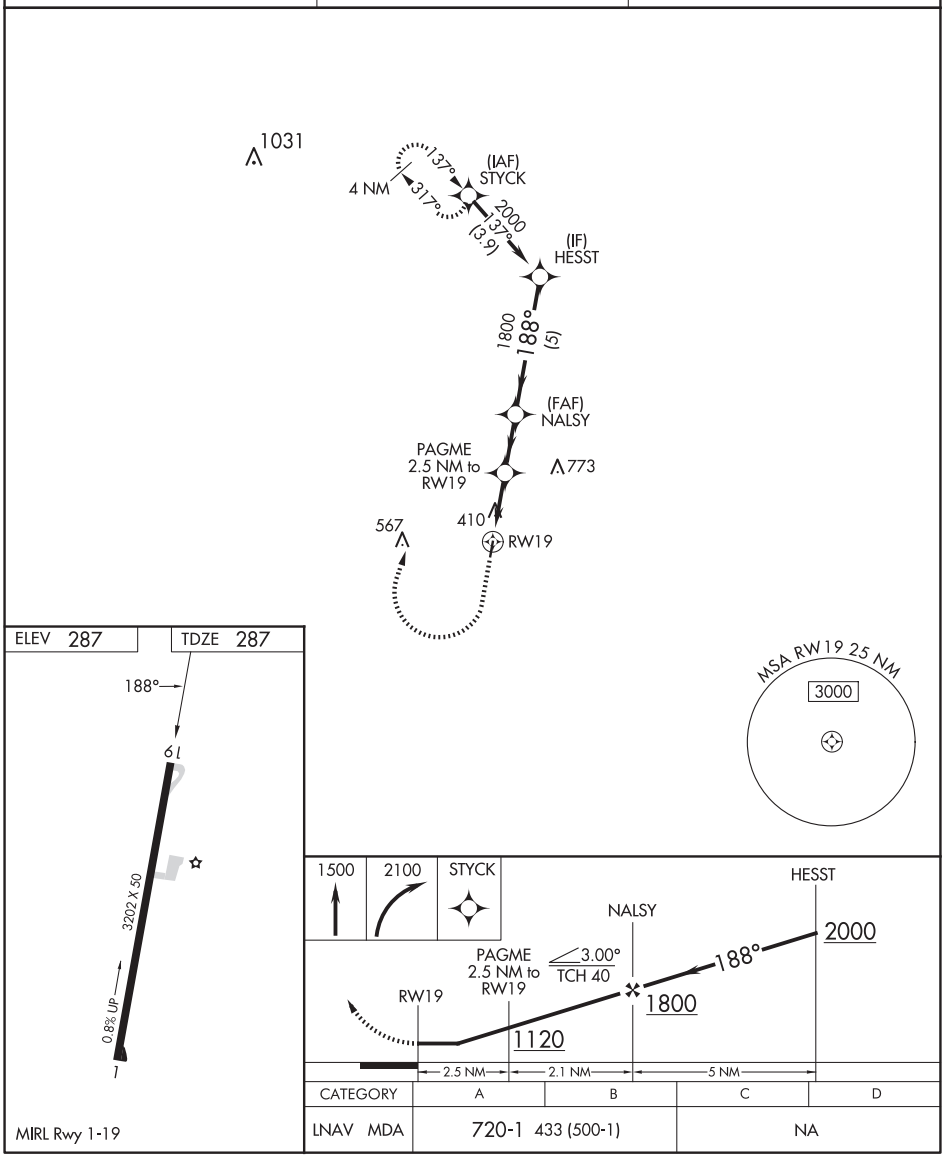
RNP APCH - GPS.

NA

Procedure NA at night. Rwy 19 helicopter visibility reduction below 1 SM NA. Use UTS altimeter setting.

MISSED APPROACH: Climb to 1500 then climbing right turn to 2100 direct STYCK and hold.

UTS ASOS	HOUSTON CENTER	CTAF
119.425	134.8 269.6	122.9



CATEGORY	A	B	C	D
LNAV MDA	720-1 433 (500-1)		NA	

MIRL Rwy 1-19

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

VORTAC LOA	APP CRS	Rwy ldg	3202
110.8	168°	TDZE	287
Chan 45		Apt Elev	287

VOR RWY 19

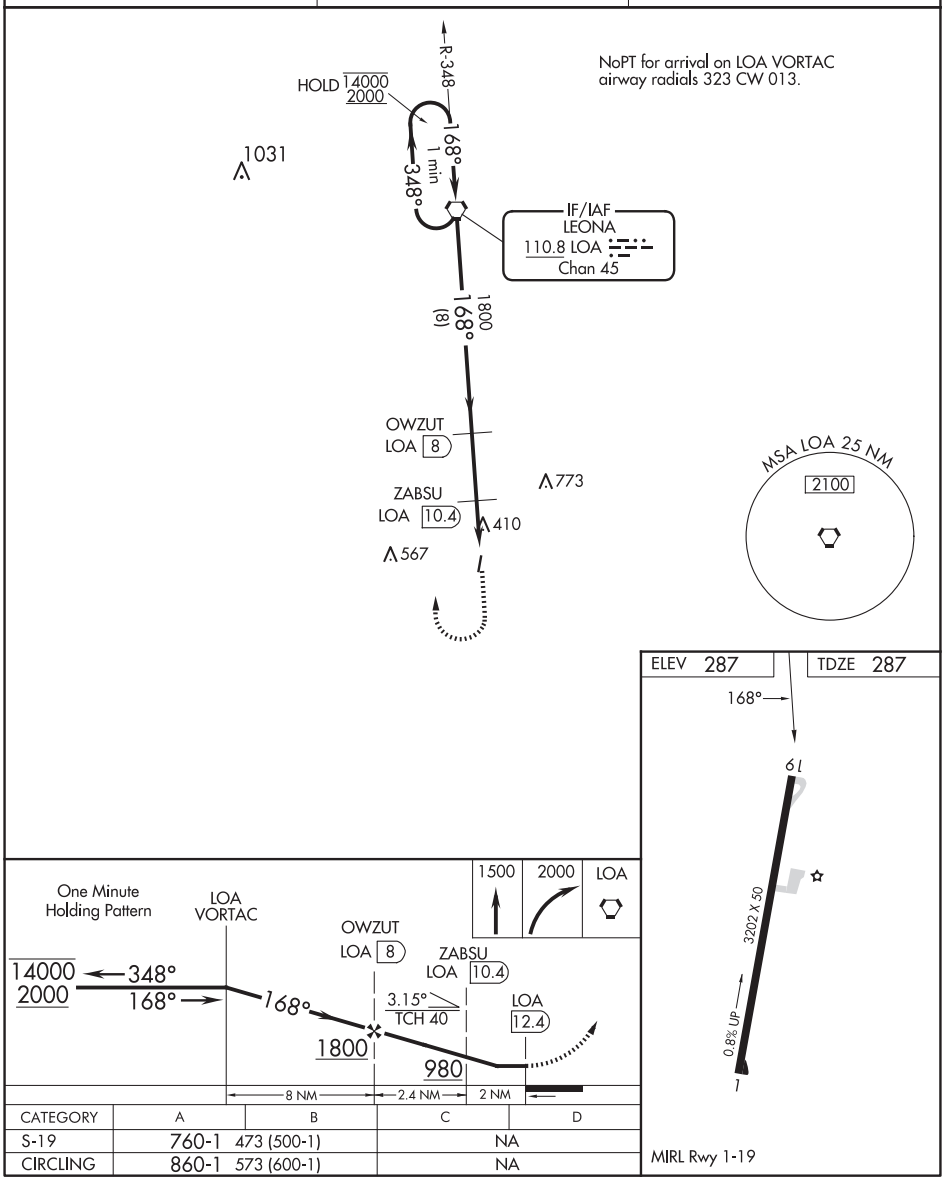
MADISONVILLE MUNI (51R)

DME required.

Rwy 19 helicopter visibility reduction below 1 SM NA.
NA Procedure NA at night. Use UTS altimeter setting.

MISSED APPROACH: Climb to 1500 then climbing right turn to 2000 direct LOA VORTAC and hold.

UTS ASOS	HOUSTON CENTER	CTAF
119.425	134.8 269.6	122.9



CATEGORY	A	B	C	D
S-19	760-1	473 (500-1)	NA	
CIRCLING	860-1	573 (600-1)	NA	

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

MARLIN, TEXAS

AL-5854 (FAA)

19115

VOR/DME or GPS-A

MARLIN (T15)

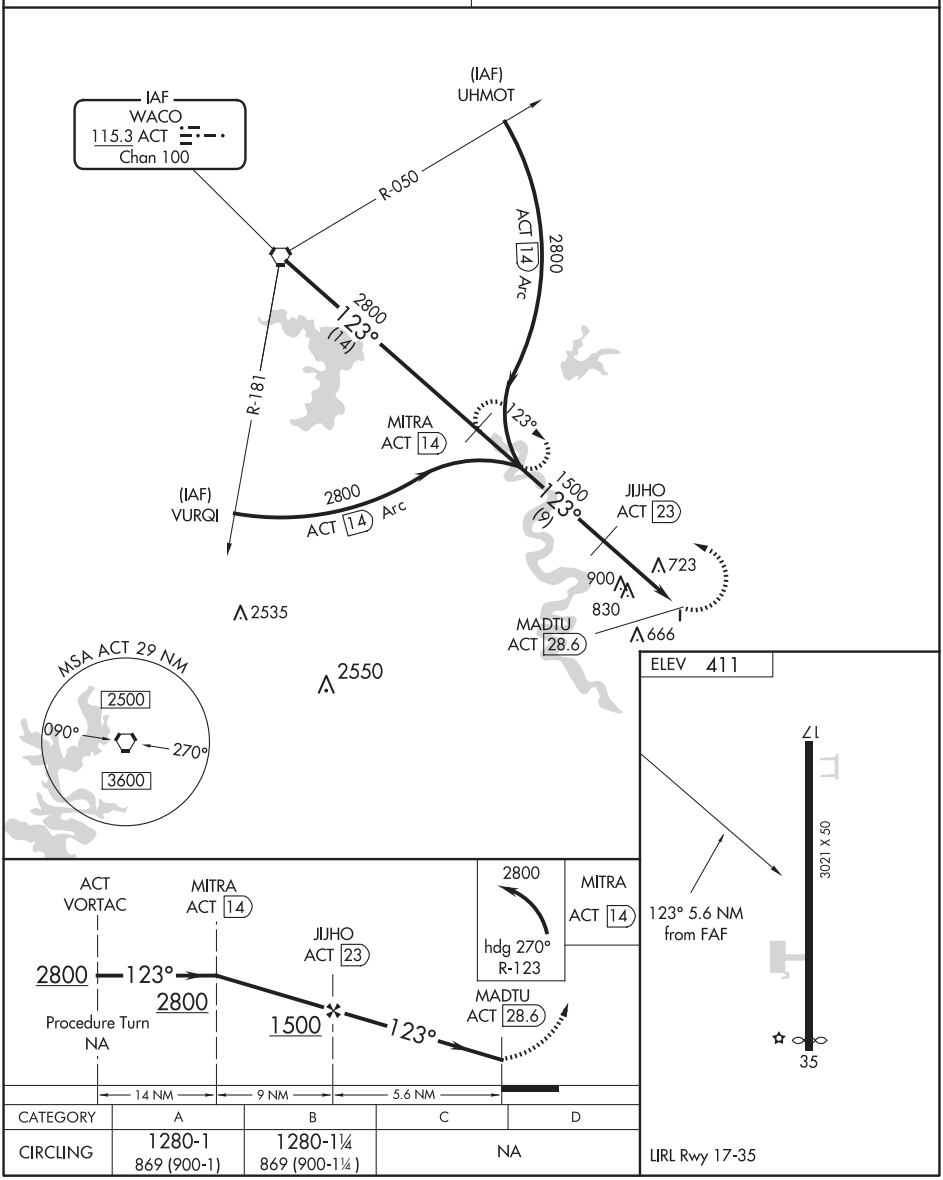
VOR ACT	APP CRS	Rwy ldg	N/A
115.3	123°	TDZE	N/A
Chan 100		Apt Elev	411

Use Waco Rgnl altimeter setting.

NA

MISSED APPROACH: Climbing left turn to 2800 via heading 270° and R-123 to MITRA/14 DME and hold.

WACO APP CON ★	CTAF
127.65 352.0	122.9



CATEGORY	A	B	C	D
CIRCLING	1280-1 869 (900-1)	1280-1¼ 869 (900-1¼)	NA	

LIRL Rwy 17-35

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

MARLIN, TEXAS

Amdt 7 18MAY00

31°20′N-96°51′W

MARLIN (T15)

VOR/DME or GPS-A

RNAV (GPS) RWY 36
MEXIA-LIMESTONE COUNTY (LXY)

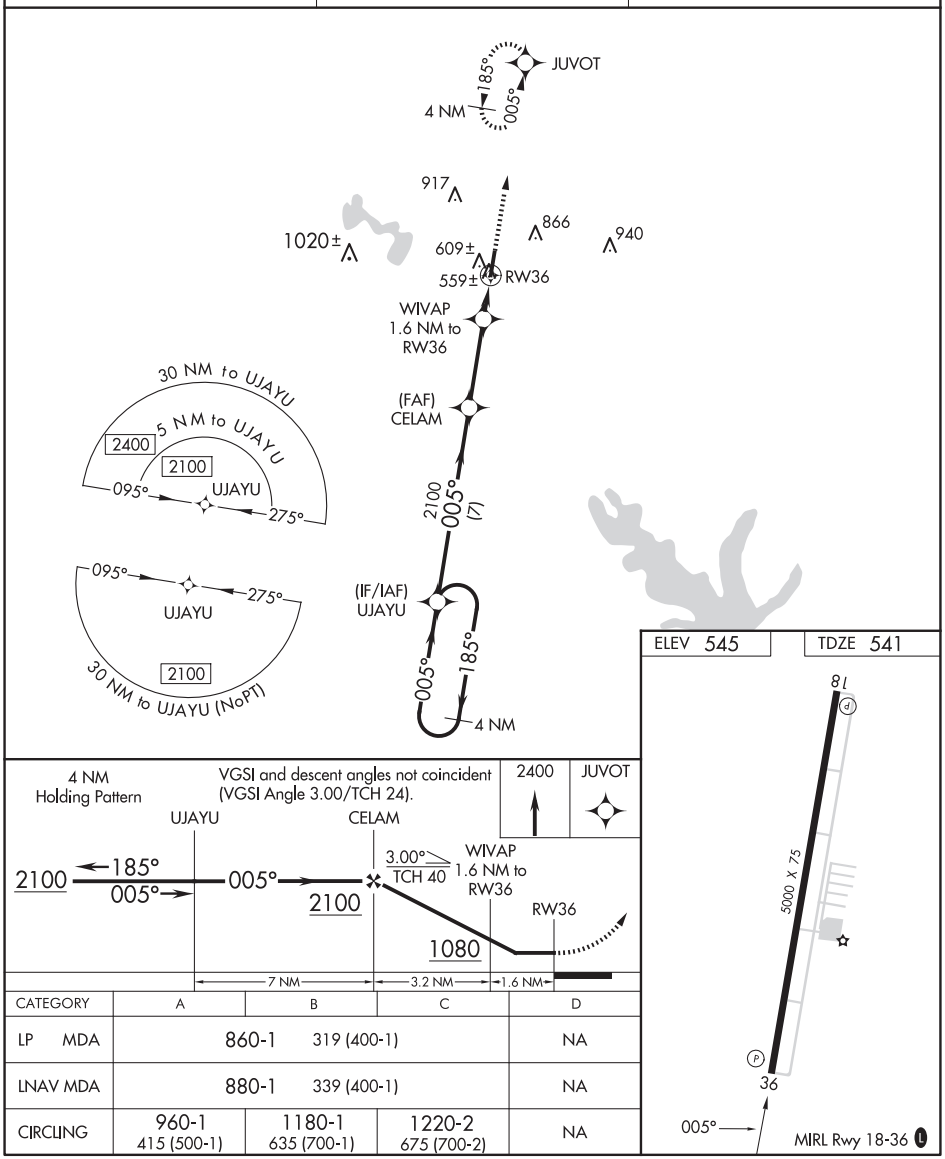
WAAS CH 69228 W36A	APP CRS 005°	Rwy ldg 5000 TDZE 541 Apt Elev 545

DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. Obtain local altimeter setting on CTAF; when not received, use Waco Rgnl altimeter setting and increase all MDA 100 feet; increase LP Cat C visibility ⅛ mile and LNAV and circling Cat C visibility ¼ mile.

NA

MISSED APPROACH: Climb to 2400 direct JUVOT and hold.

AWOS-3	WACO APP CON★	UNICOM
127.275	127.65 352.0	122.8 (CTAF)



CATEGORY	A	B	C	D
LP MDA	860-1 319 (400-1)			NA
LNAV MDA	880-1 339 (400-1)			NA
CIRCLING	960-1 415 (500-1)	1180-1 635 (700-1)	1220-2 675 (700-2)	NA

NACOGDOCHES, TEXAS | AL-5647 (FAA) | 22307

ILS or LOC RWY 36
NACOGDOCHES A L MANGHAM JR RGNL (OCH)

LOC/DME I-OCH	APP CRS	Rwy ldg	5000
111.5	359°	TDZE	343
Chan 52		Apt Elev	343

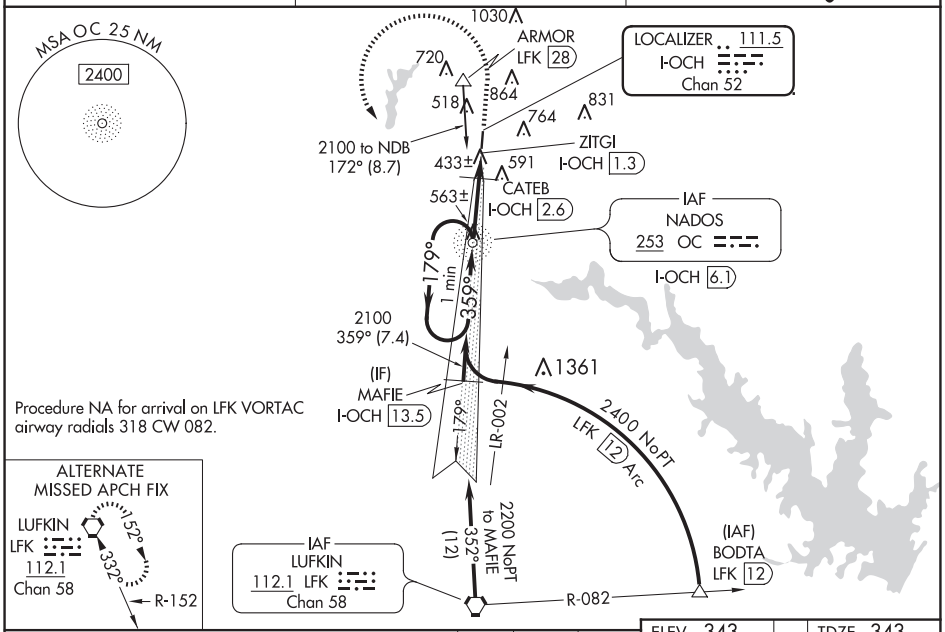
ADF or DME required.

T A NA — When local altimeter setting not received, use Lufkin altimeter setting: increase S-ILS 36 DA to 599 feet; increase all MDA 60 feet and visibility S-LOC 36 and Circling Cat C and CATEB FIX minimums S-LOC 36 and Circling Cat C ¼ SM. VDP NA when using Lufkin altimeter setting. Localizer unusable inside 0.3 NM from threshold. Autopilot coupled approach NA below 740.

MALSR A5

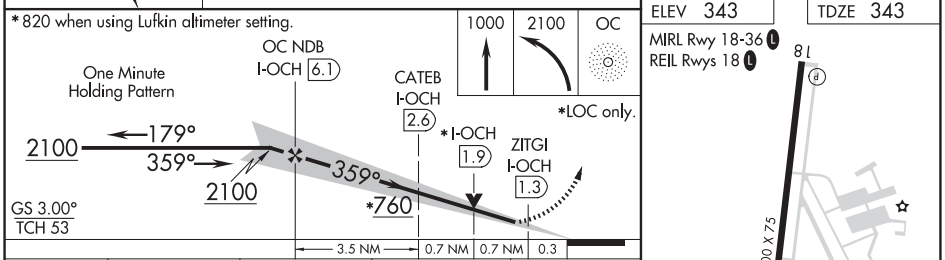
MISSED APPROACH: Climb to 1000 then climbing left turn to 2100 direct NADOS/OC NDB and hold.

AWOS-3PT	HOUSTON CENTER	UNICOM
135.625	125.175 285.575	123.0 (CTAF) L



SC-5, 12 JUN 2025 to 07 AUG 2025

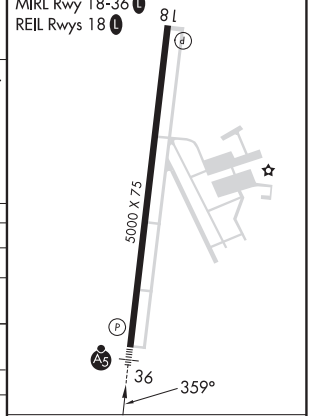
SC-5, 12 JUN 2025 to 07 AUG 2025



CATEGORY	A	B	C	D
S-ILS 36	543-½ 200 (200-½)			NA
S-LOC 36	760-½ 417 (500-½)		760-¾ 417 (500-¾)	NA
CIRCLING	860-1 517 (600-1)		1080-2 737 (800-2)	NA
CATEB FIX MINIMUMS (DME REQUIRED)				
S-LOC 36	700-½ 357 (400-½)		700-⅝ 357 (400-⅝)	NA
CIRCLING	860-1 517 (600-1)		1080-2 737 (800-2)	NA

ELEV 343 | TDZE 343

MIRL Rwy 18-36 L
REIL Rwys 18 L



FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

RNAV (GPS) RWY 18

NACOGDOCHES A L MANGHAM JR RGNL (OCH)

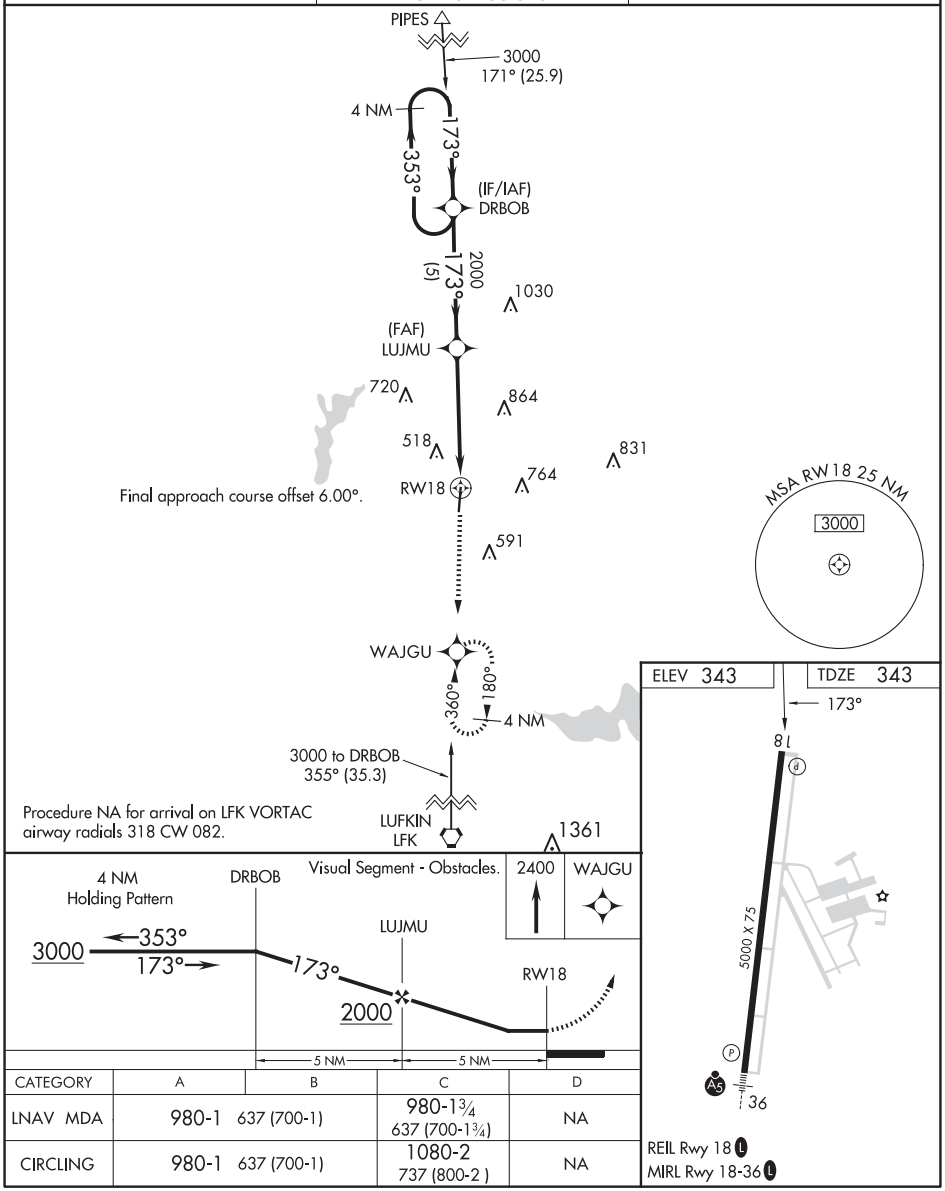
APP CRS	Rwy ldg	5000
173°	TDZE	343
	Apt Elev	343

RNP APCH-GPS.

Rwy 18 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Lufkin altimeter setting and increase all MDA 60 feet and visibility LNAV Cat C and Circling Cat C ¼ SM.

MISSED APPROACH: Climb to 2400 direct WAJGU and hold.

AWOS-3PT	HOUSTON CENTER	UNICOM
135.625	125.175 285.575	123.0(CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	980-1 637 (700-1)		980-1¾ 637 (700-1¾)	NA
CIRCLING	980-1 637 (700-1)		1080-2 737 (800-2)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

NACOGDOCHES, TEXAS | AL-5647 (FAA) | 23026

WAAS CH 93528 W36A	APP CRS 359°	Rwy ldg 5000 TDZE 343 Apt Elev 343

RNAV (GPS) RWY 36
NACOGDOCHES A L MANGHAM JR RGNL (OCH)

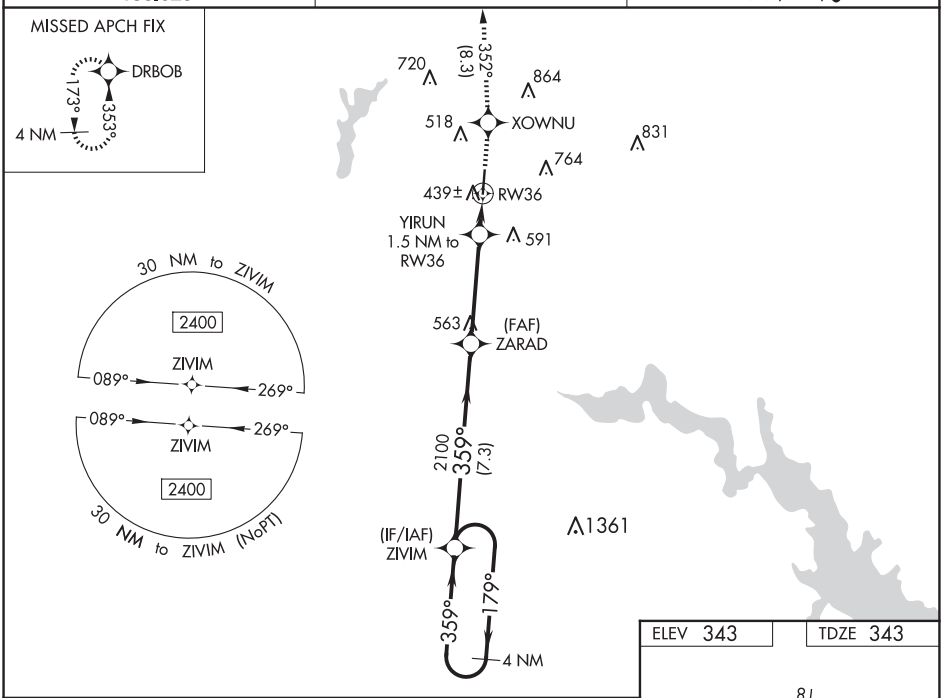
RNP APCH-GPS.

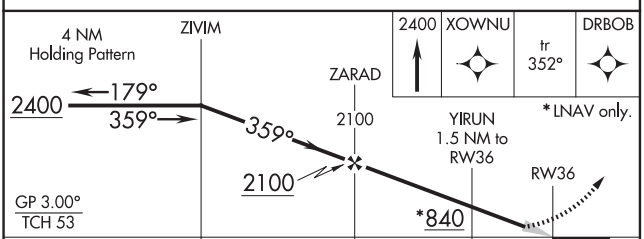
Baro-VNAV NA when using Lufkin altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. When local altimeter setting not received, use Lufkin altimeter setting: increase LPV DA to 599 feet, LNAV/VNAV DA to 681 feet, and visibility LNAV/VNAV all Cats 1/8 SM, increase all MDA 60 feet and visibility LNAV Cat C 1/8 SM and Circling Cat C 1/4 SM.

MALSR

MISSED APROACH: Climb to 2400 direct XOWNU and on track 352° to DRBOB and hold.

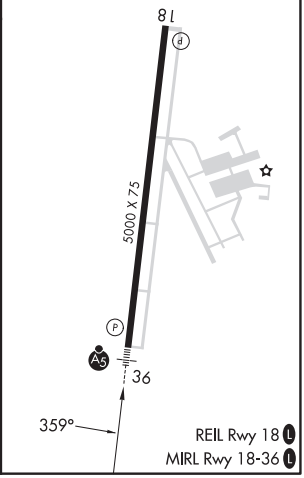
AWOS-3PT	HOUSTON CENTER	UNICOM
135.625	125.175 285.575	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	543-½ 200 (200-½)			NA
LNAV/VNAV DA	625-½ 282 (300-½)			NA
LNAV MDA	700-½ 357 (400-½)		700-⅝ 357 (400-⅝)	NA
CIRCLING	860-1 517 (600-1)		1080-2 737 (800-2)	NA

ELEV 343 | TDZE 343



SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 42931 W17A	APP CRS 174°	Rwy ldg 5003 TDZE 229 Apt Elev 229

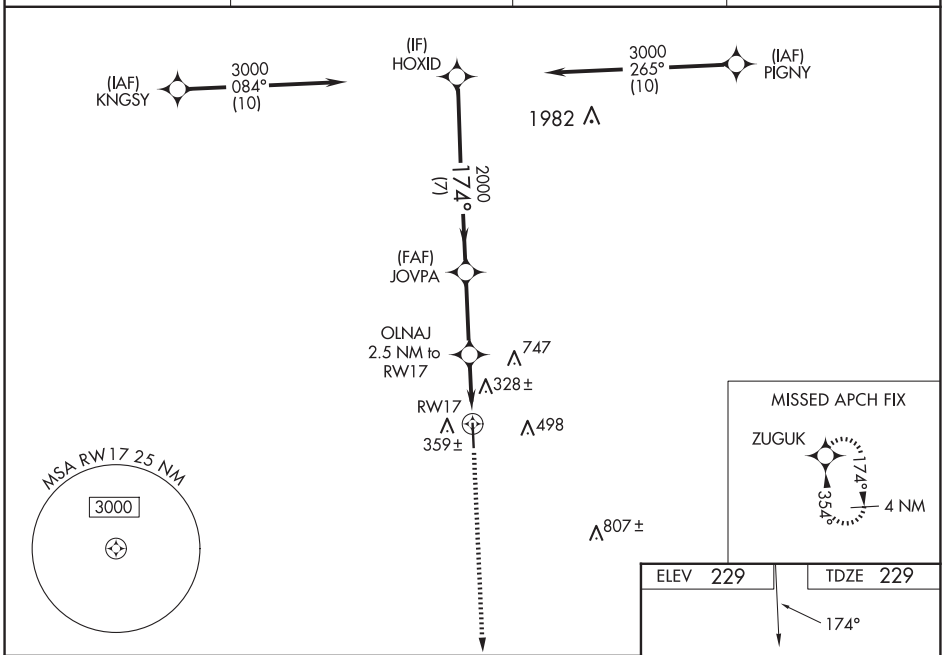
RNAV (GPS) RWY 17
NAVASOTA MUNI (6ØR)

RNP APCH - GPS.

Rwy 17 helicopter visibility reduction below ¾ NA. Baro-VNAV and VDP NA when using 11R altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15C or above 54C. When local altimeter setting not received, use 11R altimeter setting and increase LPV DA to 529 feet and all visibilities ⅛ SM; increase LNAV/VNAV DA to 635 feet and all visibilities ⅛ SM; increase all MDAs 60 feet and LNAV visibility Cat C and D ⅛ SM.

MISSED APPROACH: Climb to 3000 direct ZUGUK and hold.

AWOS-3PT	HOUSTON APP CON	CTAF	
120.925	134.3 360.85	122.9	123.3 L



CATEGORY	A	B	C	D
LPV DA	479-1	250 (300-1)		
LNAV/VNAV DA	585-1	356 (400-1)		
LNAV MDA	580-1	351 (400-1)		

REIL Rwys 17 and 35
MIRL Rwy 17-35 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

NAVASOTA, TEXAS | AL-6576 (FAA) | 24305

RNAV (GPS) RWY 35
NAVASOTA MUNI (6ØR)

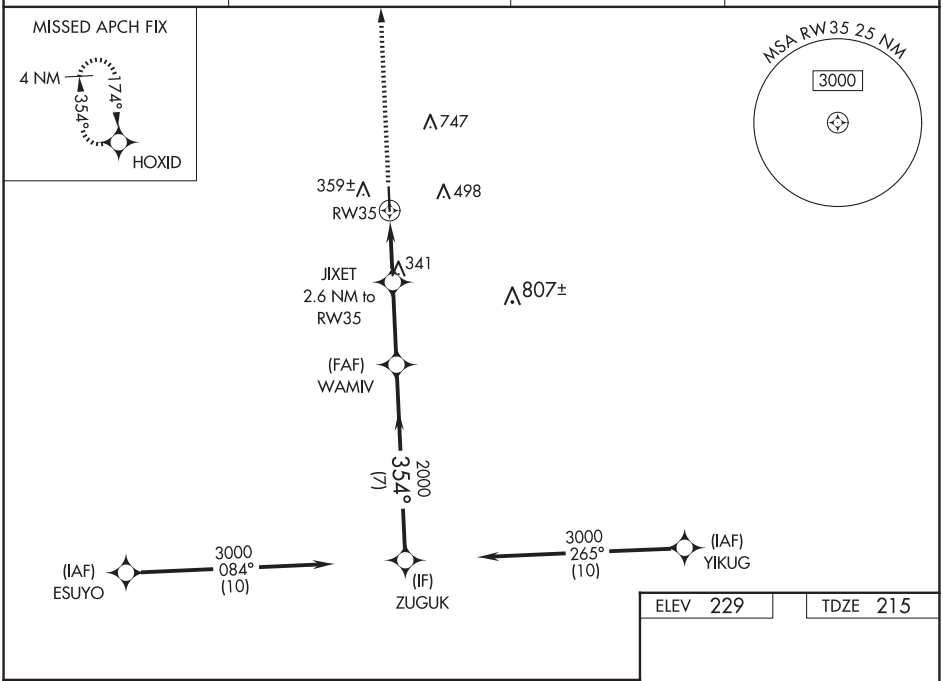
WAAS CH 42831 W35A	APP CRS 354°	Rwy ldg 5003 TDZE 215 Apt Elev 229

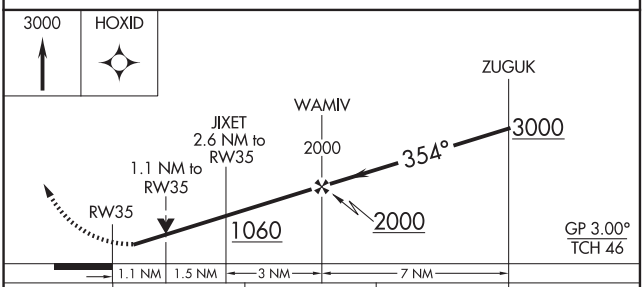
RNP APCH-GPS.

Rwy 35 helicopter visibility reduction below ¾ NA. Baro-VNAV and VDP NA when using 11R altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. When local altimeter setting not received, use 11R altimeter setting and increase LPV DA to 515 feet and all visibilities ⅛ SM; increase LNAV/VNAV DA to 515 feet and all visibilities ⅛ SM; increase all MDAs 60 feet and LNAV visibility Cat C and D ¼ SM.

MISSED APPROACH: Climb to 3000 direct HOXID and hold.

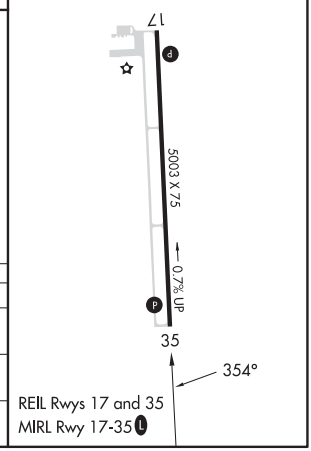
AWOS-3PT	HOUSTON APP CON	CTAF	
120.925	134.3 360.85	122.9	123.3 L





CATEGORY	A	B	C	D
LPV DA	465-1 250 (300-1)			
LNAV/VNAV DA	465-1 250 (300-1)			
LNAV MDA	600-1 385 (400-1)		600-1⅛ 385 (400-1⅛)	

ELEV 229 | TDZE 215



REIL Rwys 17 and 35
MIRL Rwy 17-35 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

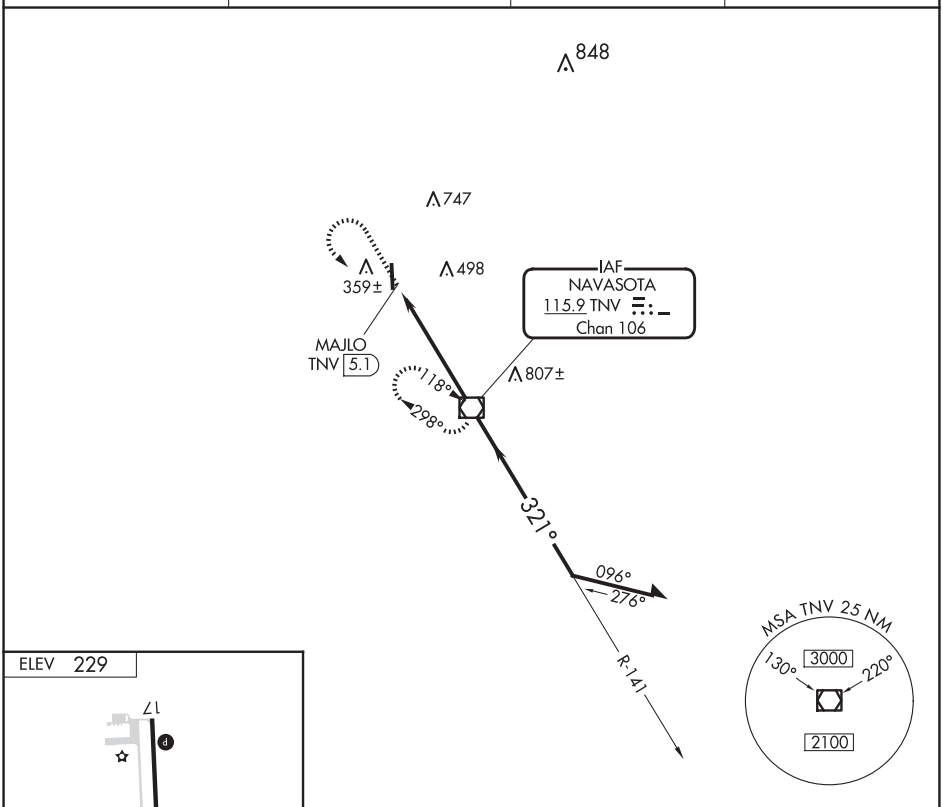
VOR/DME TNV 115.9 Chan 106	APP CRS 321°	Rwy ldg N/A TDZE N/A Apt Elev 229

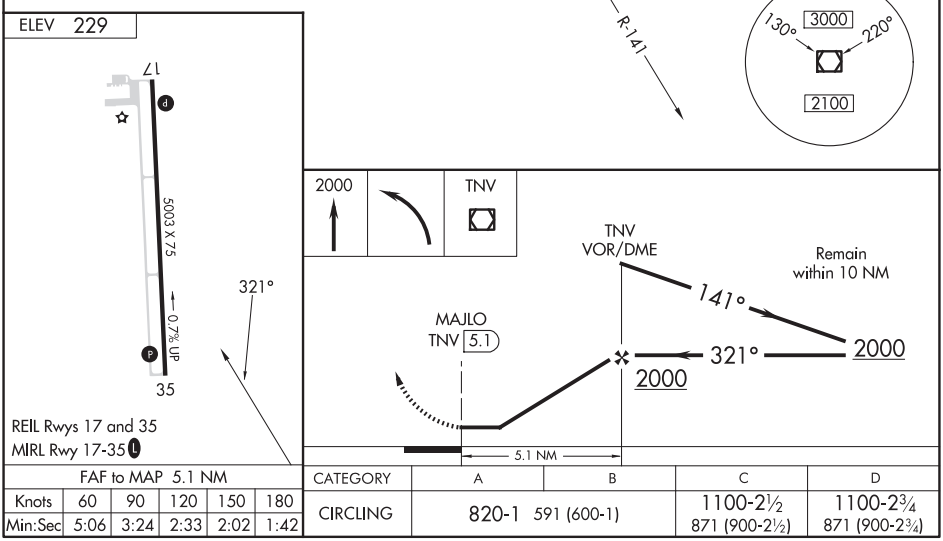
VOR-A
NAVASOTA MUNI (6ØR)

When local altimeter setting not received, use Brenham altimeter setting.

MISSED APPROACH: Climb to 2000 then left turn direct TNV VOR/DME and hold.

AWOS-3PT	HOUSTON APP CON	CTAF	
120.925	134.3 360.85	122.9	123.3 L





FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

CATEGORY	A	B	C	D
CIRCLING	820-1 591 (600-1)		1100-2½ 871 (900-2½)	1100-2¾ 871 (900-2¾)

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

ORANGE, TEXAS AL-6312 (FAA) 21336

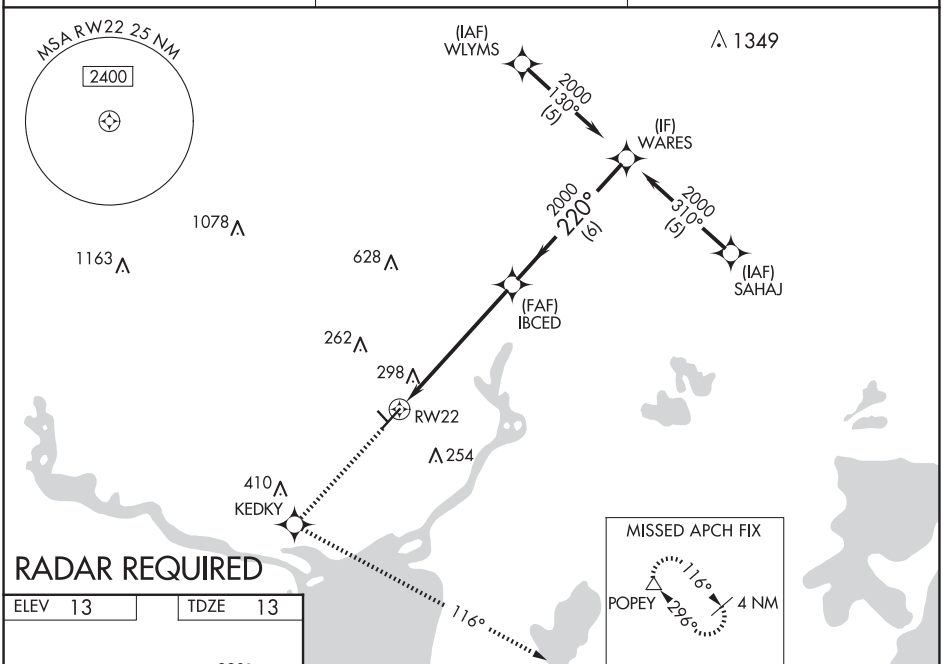
RNAV (GPS) RWY 22
ORANGE COUNTY (ORG)

WAAS CH 56614 W22A	APP CRS 220°	Rwy ldg 5500 TDZE 13 Apt Elev 13

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 Jack Brooks Rgnl altimeter setting and increase all DA 32 feet and all MDA 40 feet, increase LPV and LNAV/VNAV all Cats visibility ¼ mile, and LNAV and Circling Cat C visibility ¼ mile. Baro-VNAV and VDP NA when using Jack Brooks Rgnl altimeter setting. Circling NA to Rwy 13/31.

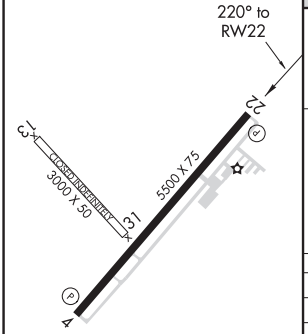
MISSED APPROACH: Climb to 2000 direct KEDKY and left turn via track 116° to POPEY and hold.

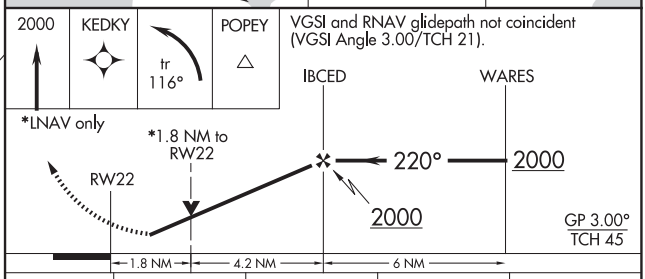
AWOS-3	HOUSTON APP CON	UNICOM
118.975	121.3 377.1	122.8 (CTAF) L



RADAR REQUIRED

ELEV 13	TDZE 13





CATEGORY	A	B	C	D
LPV DA	329-1 316 (400-1)			NA
LNAV/VNAV DA	674-2¼ 661 (700-2¼)			NA
LNAV MDA	600-1 587 (600-1)		600-1½ 587 (600-1½)	NA
CIRCLING	660-1 647 (700-1)		660-1¾ 647 (700-1¾)	NA

MIRL Rwy 4-22 L
REIL Rwy 4 and 22 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 13
PALACIOS MUNI (PSX)

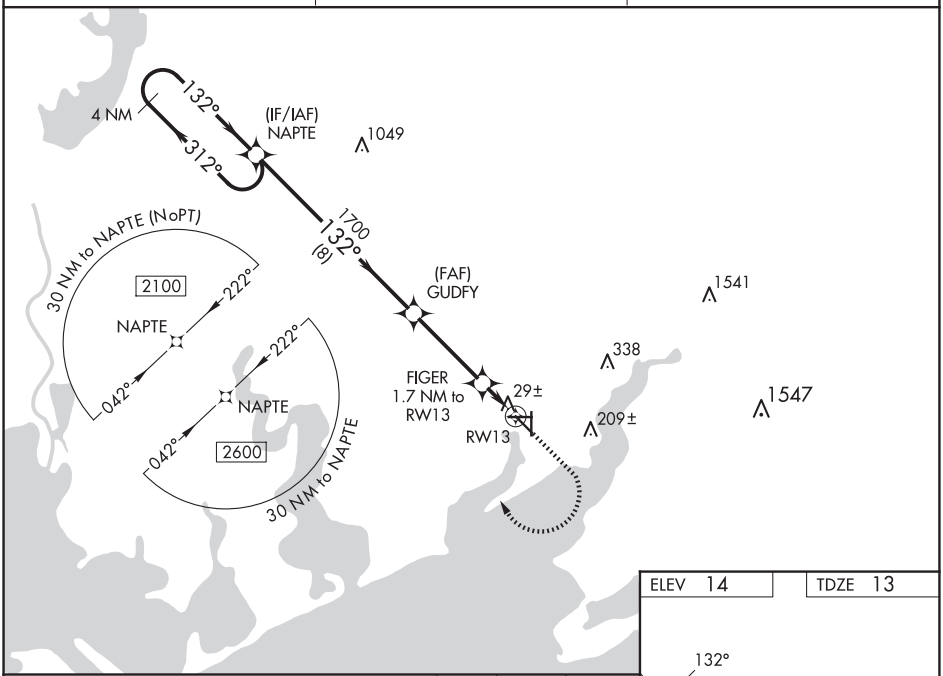
WAAS CH 53630 W13A	APP CRS 132°	Rwy ldg 5001 TDZE 13 Apt Elev 14

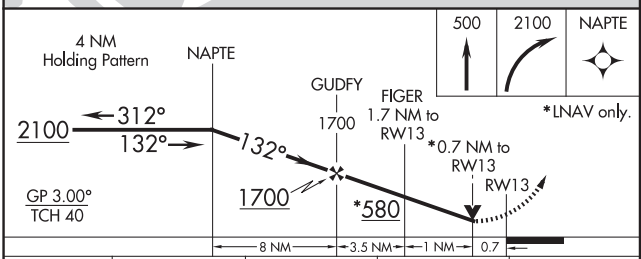
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. When local altimeter setting not received, use Port Lavaca altimeter setting: Increase DA to 319 feet and visibility all Cats ⅛ SM; increase all MDA 60 feet and LNAV Cat C/D and Circling Cat C/D visibility ¼ SM. Baro-VNAV and VDP NA when using Port Lavaca altimeter setting. Rwy 13 helicopter visibility reduction below ¾ SM NA. Circling Rwy 8, 18, 26, 31, 36 NA at night.

MISSED APPROACH: Climb to 500 then climbing right turn to 2100 direct NAPTE and hold.

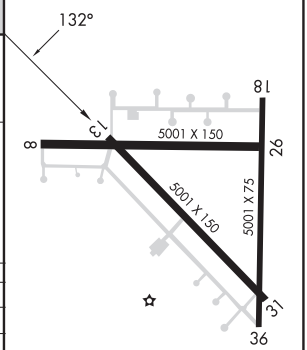
ASOS	HOUSTON CENTER	UNICOM
118.025	135.05 353.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	263-⅞ 250 (300-⅞)			
LNAV/VNAV DA	263-⅞ 250 (300-⅞)			
LNAV MDA	280-1 267 (300-1)		280-⅞ 267 (300-⅞)	
CIRCLING	460-1 446 (500-1)	480-1 466 (500-1)	560-1½ 546 (600-1½)	700-2¼ 686 (700-2¼)

ELEV 14	TDZE 13



REIL Rwys 13 and 31
MIRL Rwy 13-31 L

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

PALACIOS, TEXAS

AL-309 (FAA)

23278

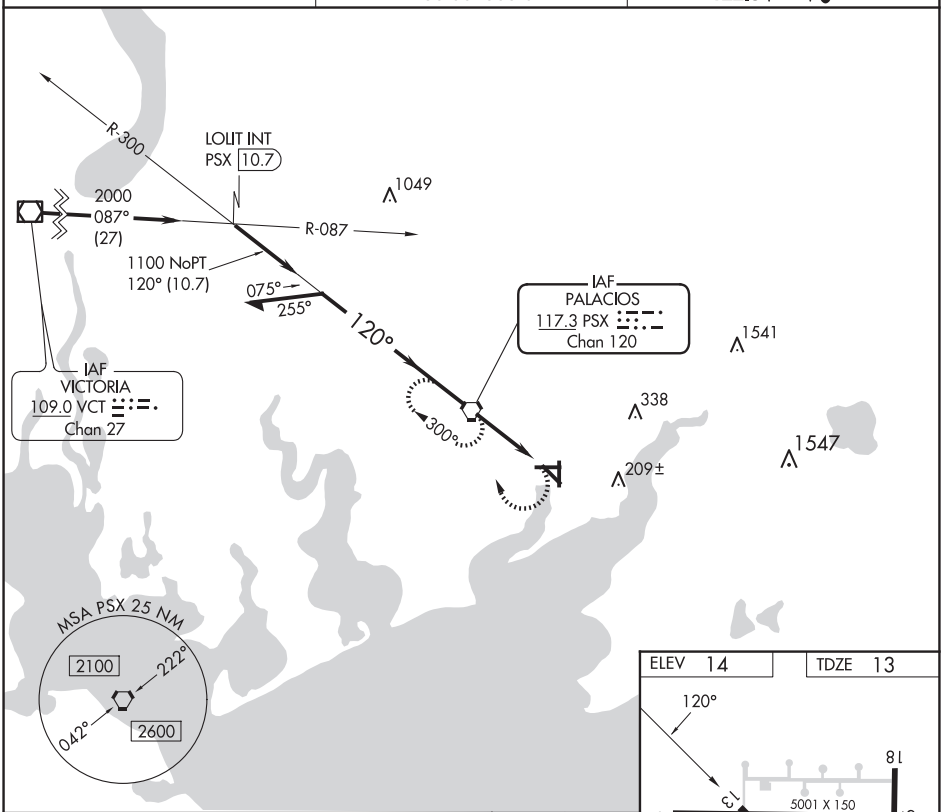
VOR RWY 13
PALACIOS MUNI (PSX)

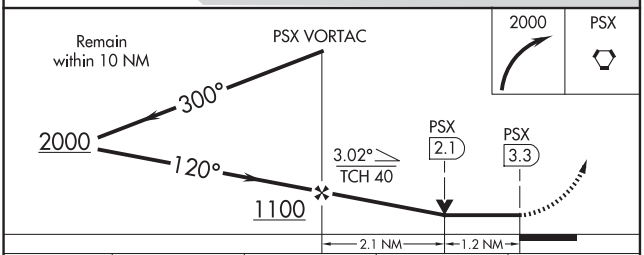
VORTAC PSX	APP CRS	Rwy ldg	5001
117.3	120°	TDZE	13
Chan 120		Apt Elev	14

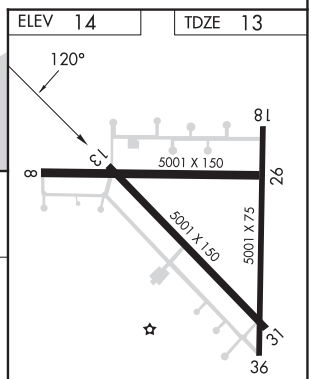
When local altimeter setting not received, use Port Lavaca altimeter setting: increase all MDAs 60 feet and S-13 Cat C/D and Circling Cat C/D visibility ¼ SM. Rwy 13 helicopter visibility reduction below ¾ SM NA. Circling Rwy 8, 18, 26, 31, 36 NA at night.

MISSED APPROACH: Climbing right turn to 2000 direct PSX VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
118.025	135.05 353.6	122.8 (CTAF) L







REIL Rwys 13 and 31
MIRL Rwy 13-31 L

CATEGORY	A	B	C	D
S-13	380-1 367 (400-1)			380-1¼ 367 (400-1¼)
CIRCLING	460-1 446 (500-1)	480-1 466 (500-1)	560-1½ 546 (600-1½)	700-2¼ 686 (700-2¼)

FAF to MAP 3.3 NM					
Knots	60	90	120	150	180
Min:Sec	3:18	2:12	1:39	1:19	1:06

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 18
PALESTINE MUNI (PSN)

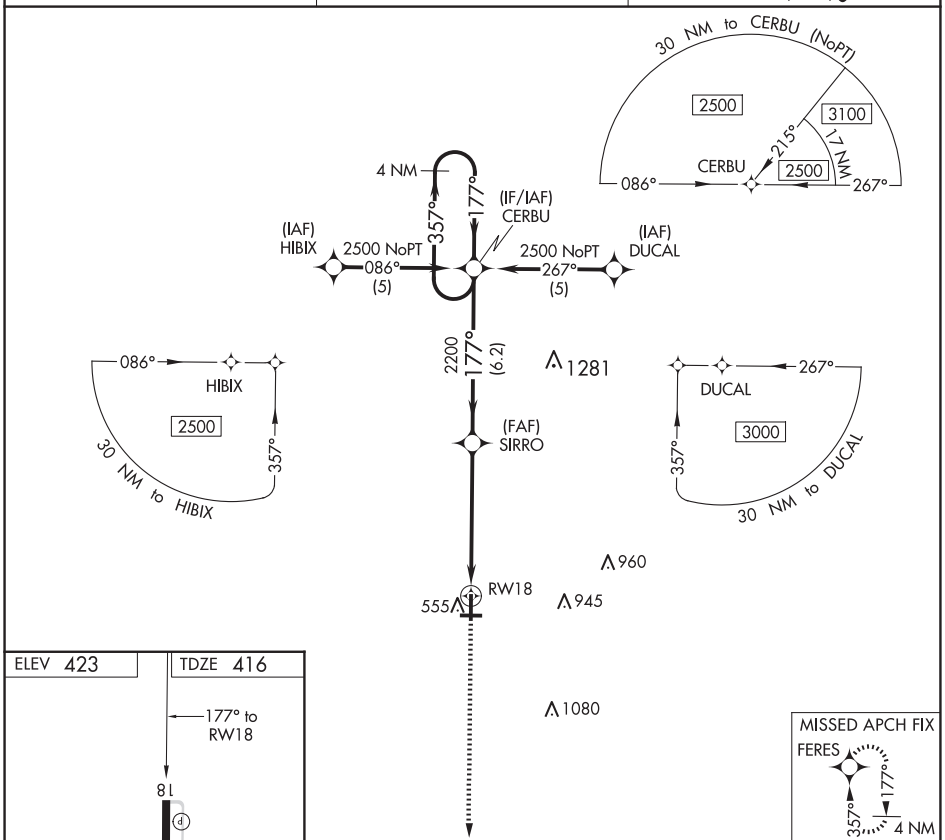
APP CRS	Rwy ldg	5005
177°	TDZE	416
	Apt Elev	423

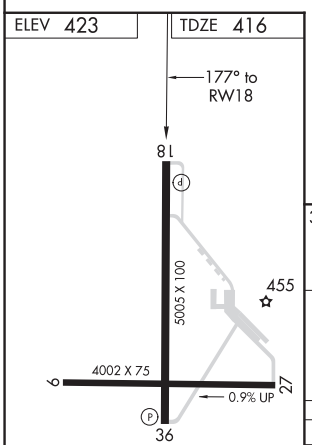
RNP APCH-GPS.

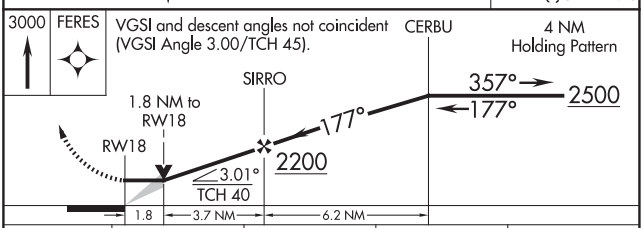
VDP NA with C David Campbell Fld-Corsicana Muni altimeter setting. Circling to Rwy 9-27, NA at night. When local altimeter setting not received, use Corsicana altimeter setting and increase all MDAs 100 feet and visibility Cat C ¼ SM.

MISSED APPROACH: Climb to 3000 direct FERES and hold.

AWOS-3PT	FORT WORTH CENTER	UNICOM
118.025	135.25 265.1	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1040-1	624 (700-1)	1040-1¾ 624 (700-1¾)	1040-2 624 (700-2)
CIRCLING	1040-1	617 (700-1)	1360-2¾ 937 (1000-2¾)	1360-3 937 (1000-3)

REIL Rwy 36
MIRL Rwys 18-36 and 9-27 L

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

PALESTINE, TEXAS

AL-871 (FAA)

22139

RNAV (GPS) RWY 36
PALESTINE MUNI (PSN)

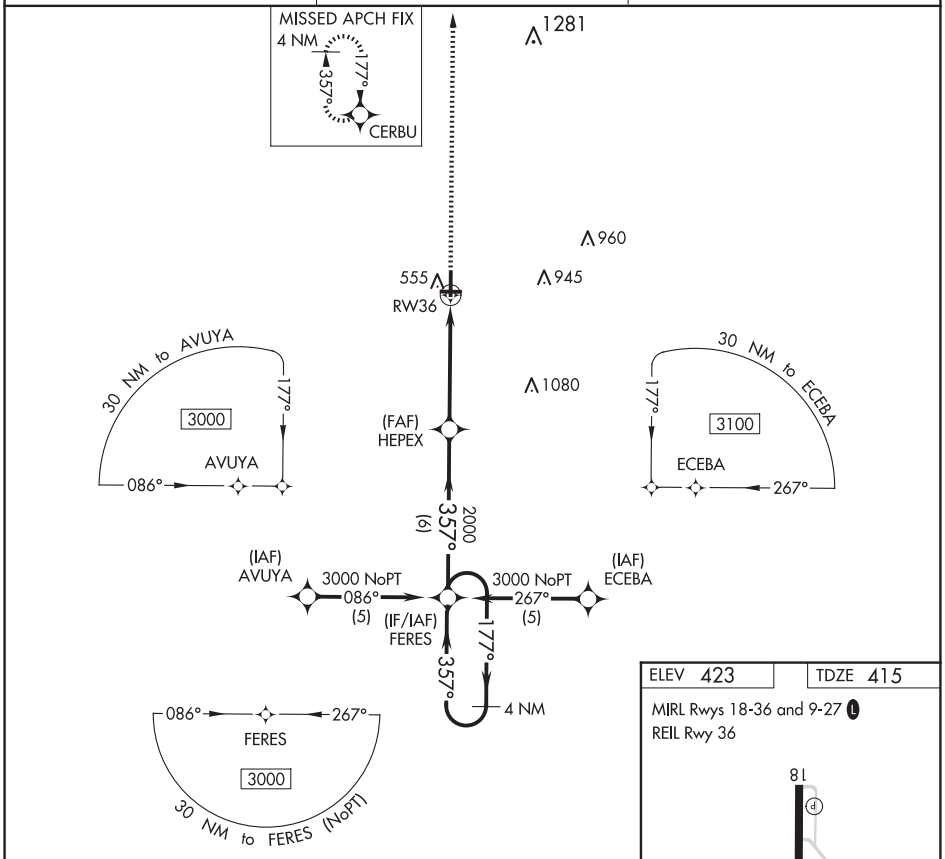
APP CRS	Rwy ldg	5005
357°	TDZE	415
	Apt Elev	423

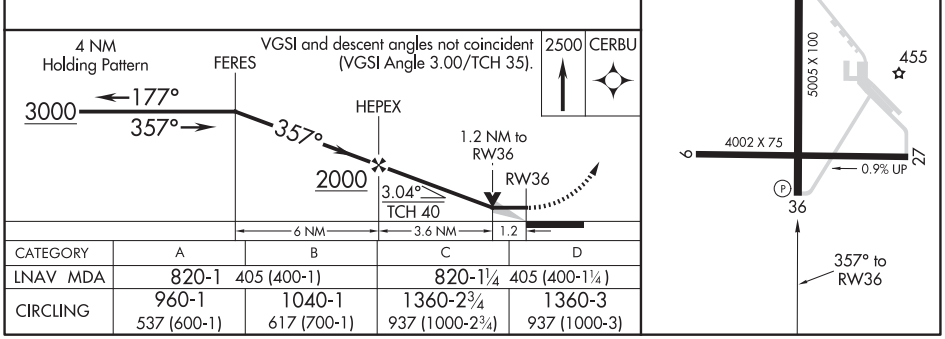
RNP APCH-GPS.

VDP NA with C David Campbell Fld-Corsicana Muni altimeter setting. When local altimeter setting not received, use Corsicana altimeter setting and increase all MDAs 100 feet and visibility LNAV Cat C/D ⅛ SM and Circling Cat C ¼ SM. Circling Rwy 9, 27 NA at night.

MISSED APPROACH: Climb to 2500 direct CERBU WP and hold.

AWOS-3PT	FORT WORTH CENTER	UNICOM
118.025	135.25 265.1	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	820-1 405 (400-1)		820-1¼ 405 (400-1¼)	
CIRCLING	960-1 537 (600-1)	1040-1 617 (700-1)	1360-2¾ 937 (1000-2¾)	1360-3 937 (1000-3)

PALESTINE, TEXAS
Amdt 1C 15JUL21

31°47′N-95°42′W

PALESTINE MUNI (PSN)
RNAV (GPS) RWY 36

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

VOR RWY 18
PALESTINE MUNI (PSN)

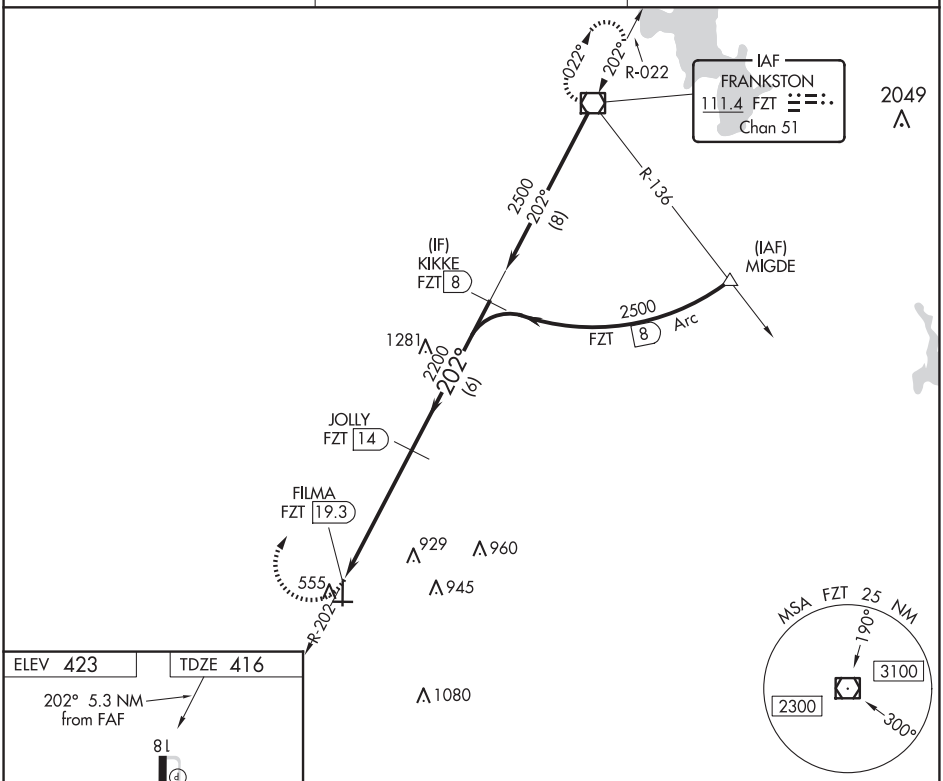
VOR/DME FZT	APP CRS	Rwy ldg	5005
111.4	202°	TDZE	416
Chan 51		Apt Elev	423

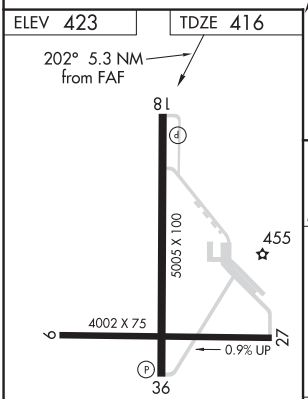
DME required.

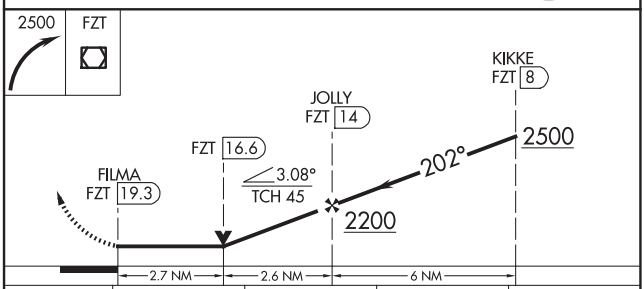
T
A NA Rwy 18 helicopter visibility reduction below ¾ SM NA.

MISSING APPROACH: Climbing right turn to 2500 direct FZT VOR/DME and hold.

AWOS-3PT	FORT WORTH CENTER	UNICOM
118.025	135.25 265.1	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-18	1320-1¼	904 (900-1¼)	1320-2½	904 (900-2½)
C CIRCLING	1320-1¼	897 (900-1¼)	1360-2¾ 937 (1000-2¾)	1360-3 937 (1000-3)

REIL Rwy 36
MIRL Rwys 18-36 and 9-27 L

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

PORT LAVACA, TEXAS | AL-5904 (FAA) | 23278

WAAS CH 53437 W14A	APP CRS 139°	Rwy ldg 5004 TDZE 30 Apt Elev 32

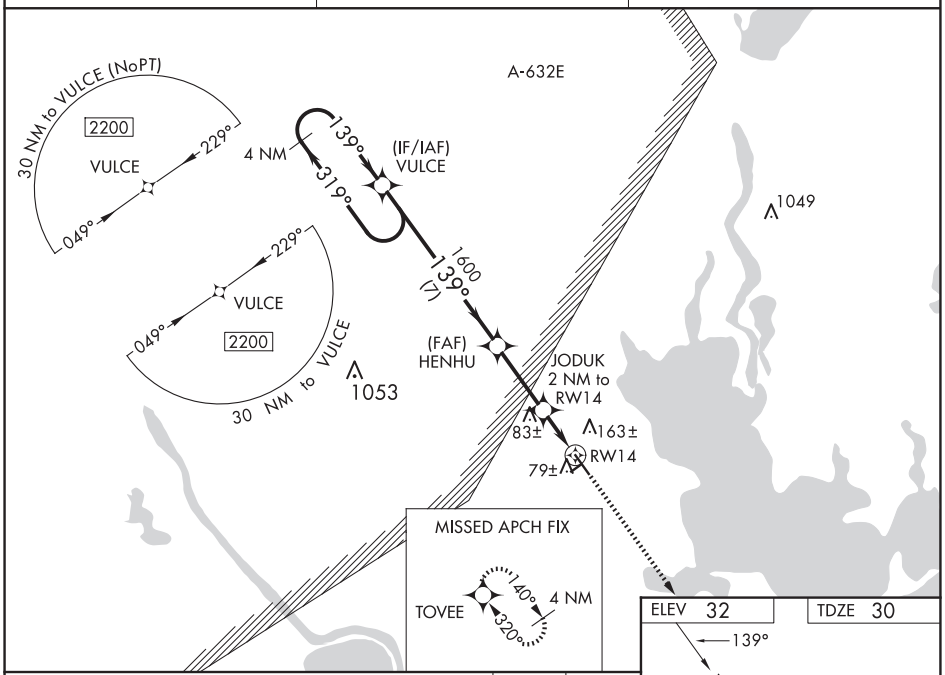
RNAV (GPS) RWY 14
CALHOUN COUNTY (PKV)

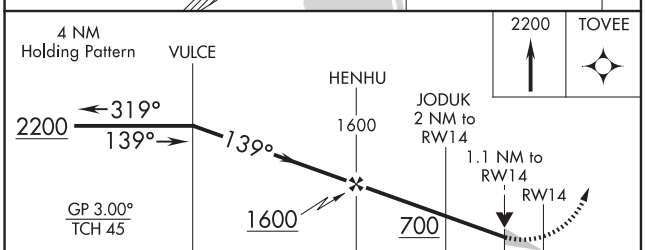
RNP APCH - GPS.

Baro-VNAV and VDP NA when using Victoria altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. When local altimeter setting not received, use Victoria altimeter setting and increase LPV DA and LNAV/VNAV DA to 331 feet and all visibilities ⅛ SM; increase all MDAs 60 feet and LNAV visibility Cat C ¼ SM. Circling Rwy 32 NA at night. Circling NA to Rwys 5 and 23.

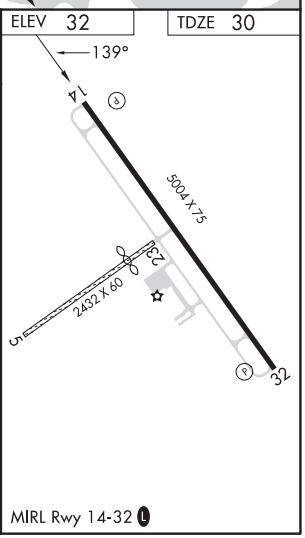
MISSED APPROACH: Climb to 2200 direct TOVEE and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.275	135.05 353.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	280-¾ 250 (300-¾)			NA
LNAV/VNAV DA	280-¾ 250 (300-¾)			NA
LNAV MDA	440-1 410 (500-1)		440-1⅛ 410 (500-1⅛)	NA
C CIRCLING	520-1 488 (500-1)		560-1½ 528 (600-1½)	NA



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 58037 W32A	APP CRS 319°	Rwy ldg 5004 TDZE 30 Apt Elev 32

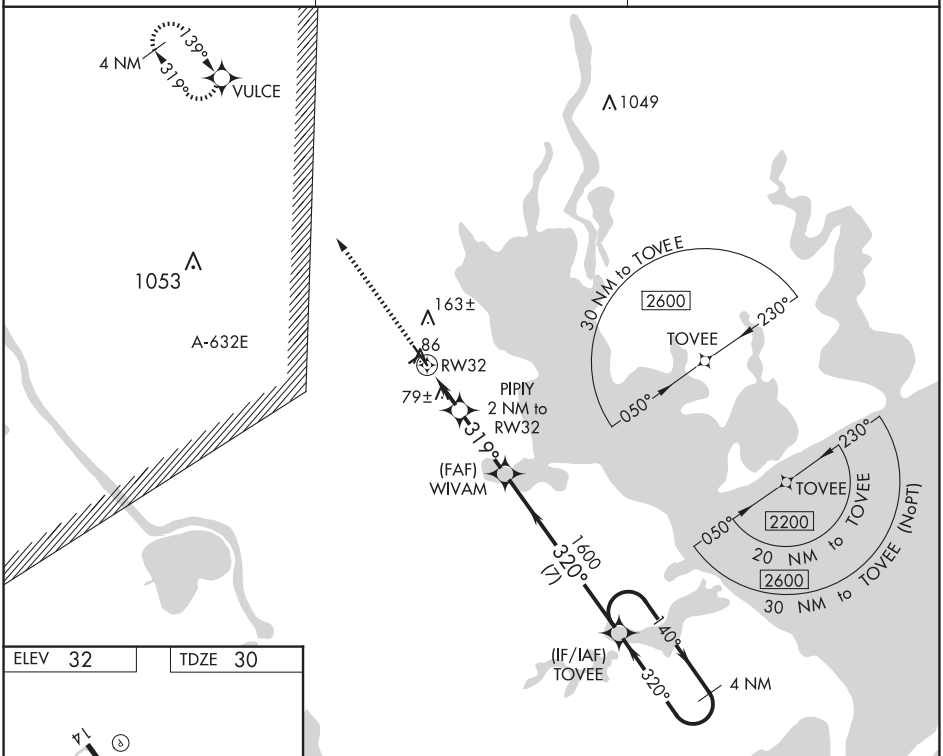
RNAV (GPS) RWY 32
CALHOUN COUNTY (PKV)

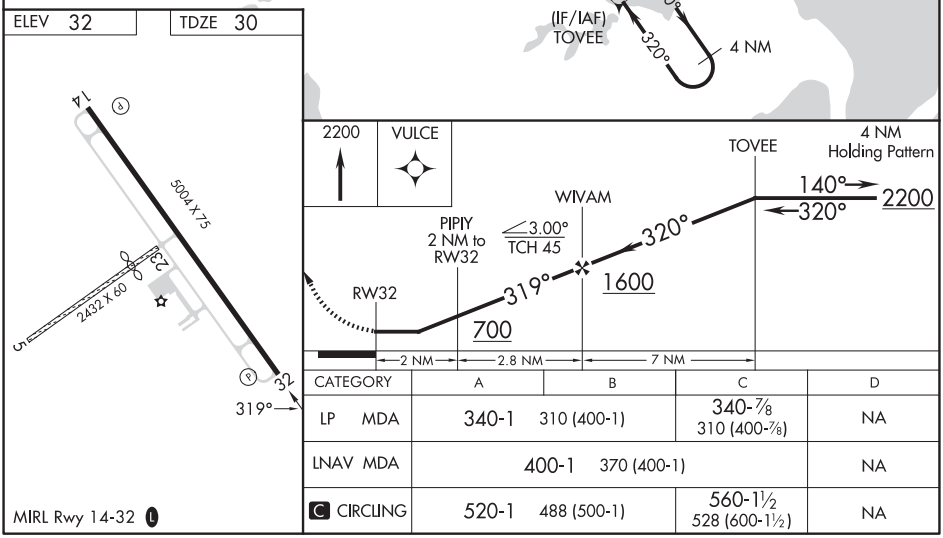
RNP APCH - GPS.

When local altimeter setting not received, use Victoria altimeter setting and increase all MDAs 60 feet and LNAV visibility Cat C ¼ SM and LP visibility Cat C ⅛ SM. Rwy 32 helicopter visibility reduction below 1 SM NA. Straight-In Rwy 32 NA at night, Circling Rwy 32 NA at night.

MISSED APPROACH: Climb to 2200 direct VULCE and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.275	135.05 353.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	340-1	310 (400-1)	340-⅞ 310 (400-⅞)	NA
LNAV MDA	400-1	370 (400-1)		NA
C CIRCLING	520-1	488 (500-1)	560-1½ 528 (600-1½)	NA

MIRL Rwy 14-32 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

PORT LAVACA, TEXAS

AL-5904 (FAA)

23278

VOR/DME-A

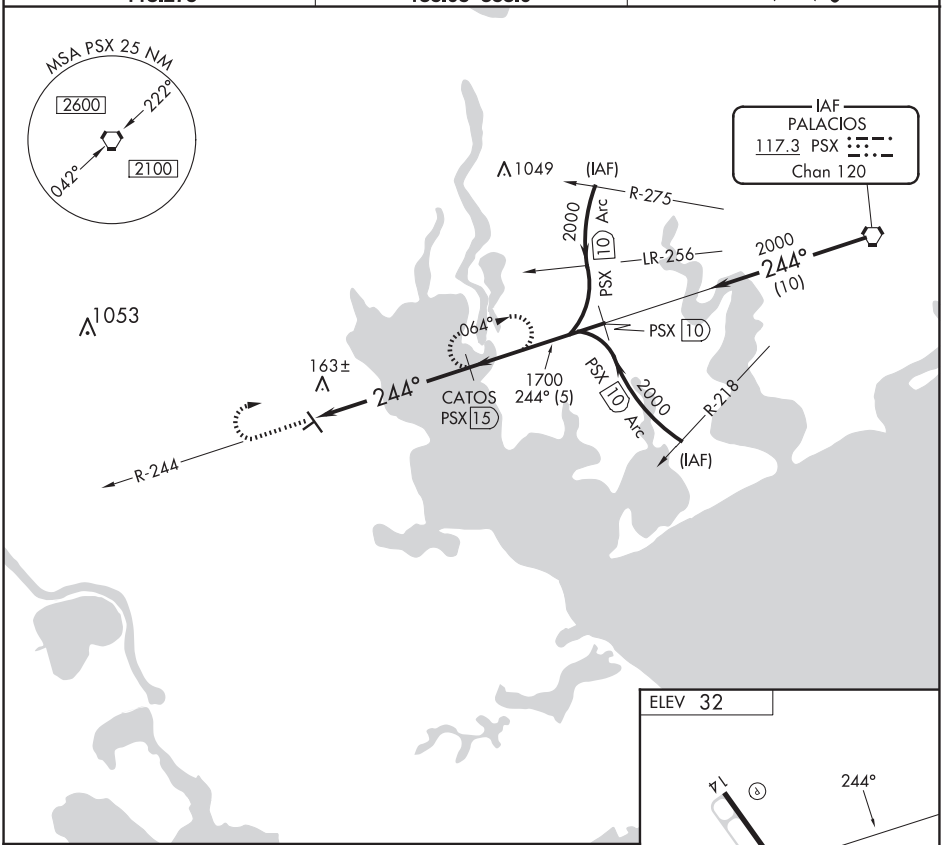
CALHOUN COUNTY (PKV)

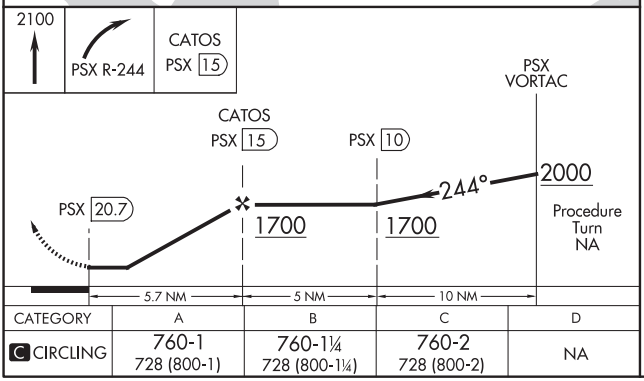
VORTAC PSX 117.3 Chan 120	APP CRS 244°	Rwy ldg N/A TDZE N/A Apt Elev 32

When local altimeter setting not received, use Victoria altimeter setting. Circling NA to Rwys 5 and 23. Night landing: Rwy 32 NA.

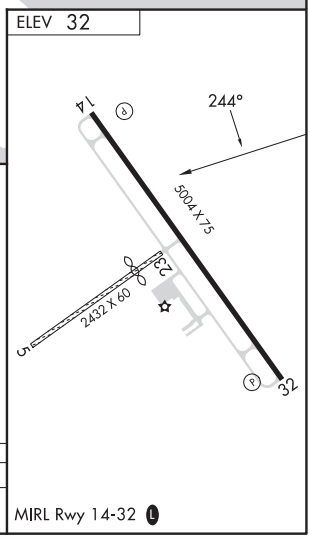
MISSED APPROACH: Climb to 2100, then right turn via PSX VORTAC R-244 to CATOS/PSX 15 DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.275	135.05 353.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
C CIRCLING	760-1 728 (800-1)	760-1¼ 728 (800-1¼)	760-2 728 (800-2)	NA



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 13
VICTORIA RGNL (VCT)

LOC/DME I-VCT	APP CRS	Rwy Ldg	9111
111.5	128°	TDZE	115
Chan 52		Apt Elev	115

DME required.

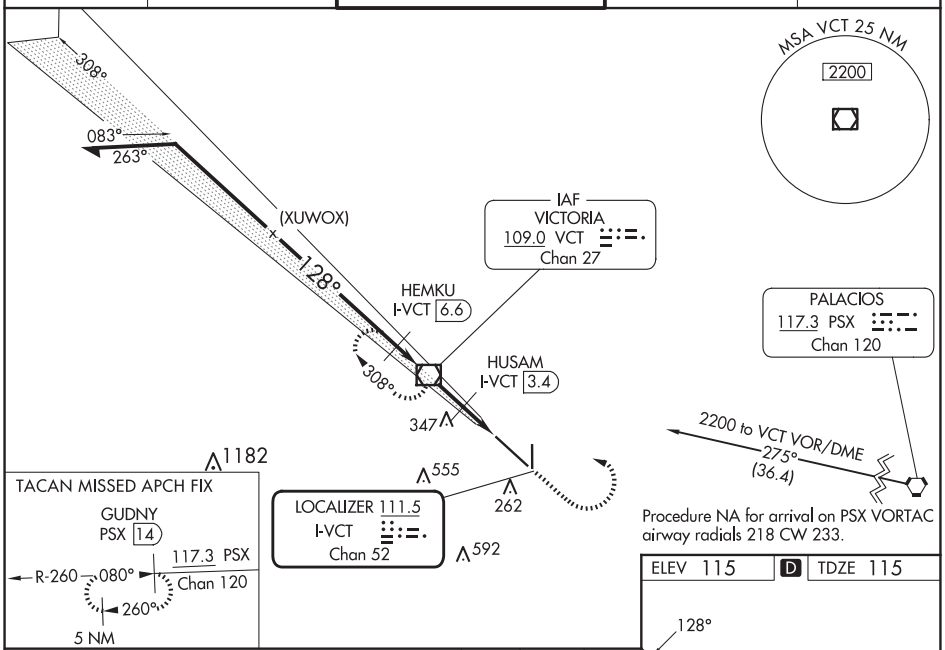
T
A

For inop ALS, increase S-ILS 13 Cat E visibility to ¾ SM and S-LOC 13 Cat E visibility to 1 SM.

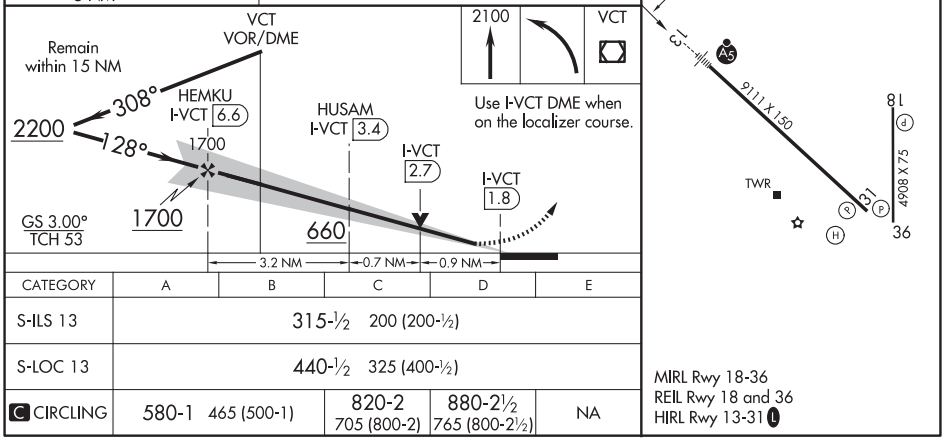
MALSR

MISSED APPROACH: Climb to 2100 then left turn direct VCT VOR/DME and hold. (TACAN aircraft climb to 2100 then left turn on heading 120° and on PSX VORTAC R-260 to GUDNY/PSX 14 DME and hold W, RT, 080° inbound).

ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7



Procedure NA for arrival on PSX VORTAC airway radials 218 CW 233.



CATEGORY	A	B	C	D	E
S-ILS 13	315-½ 200 (200-½)				
S-LOC 13	440-½ 325 (400-½)				
C CIRCLING	580-1 465 (500-1)		820-2 705 (800-2)	880-2½ 765 (800-2½)	NA

MIRL Rwy 18-36
REIL Rwy 18 and 36
HIRL Rwy 13-31 L

SC-5, 12 JUN 2025 to 07 AUG 2025
SC-5, 12 JUN 2025 to 07 AUG 2025

VICTORIA, TEXAS | AL-438 (FAA) | 25163

WAAS CH 86245 W13A	APP CRS 128°	Rwy Ldg 9111 TDZE 115 Apt Elev 115

RNAV (GPS) RWY 13
VICTORIA RGNL (VCT)

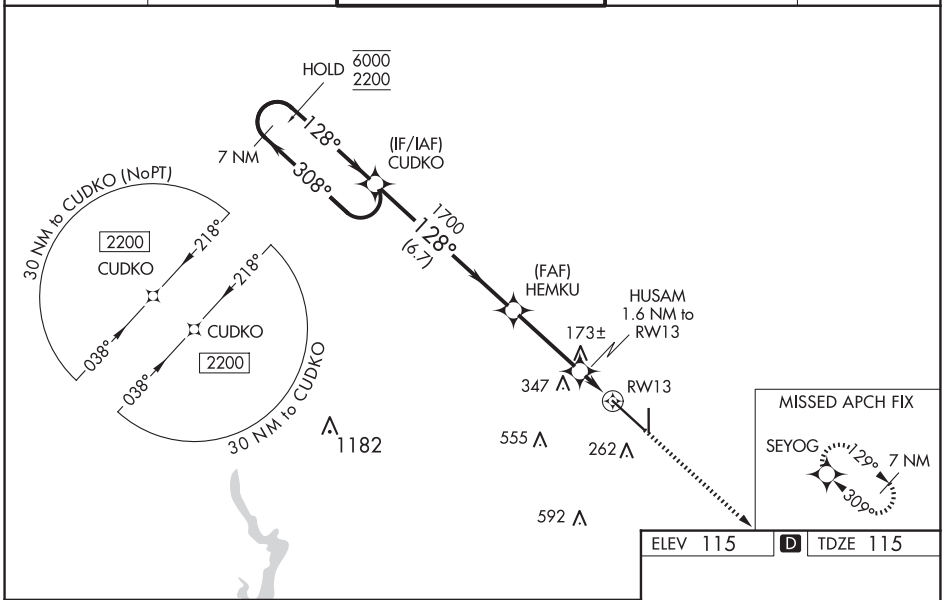
RNP APCH-GPS.

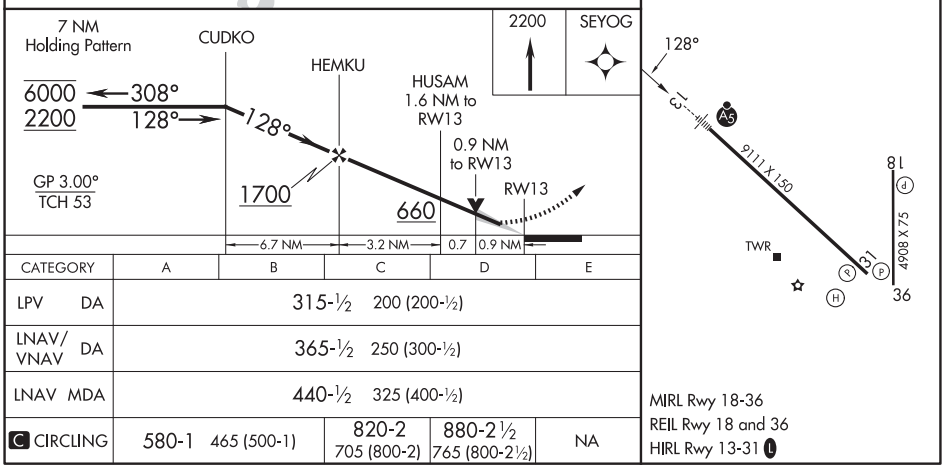
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. For inop ALS, increase LPV Cat E and LNAV/VNAV all Cats visibility to ¾ SM and LNAV Cat E visibility to 1 SM.

MALSR

MISSED APPROACH: Climb to 2200 direct SEYOG and hold.

ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7





CATEGORY	A	B	C	D	E
LPV DA	315-½ 200 (200-½)				
LNAV/VNAV DA	365-½ 250 (300-½)				
LNAV MDA	440-½ 325 (400-½)				
C CIRCLING	580-1 465 (500-1)		820-2 705 (800-2)	880-2½ 765 (800-2½)	NA

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WAAS CH 45545 W31A	APP CRS 308°	Rwy Ldg 9111 TDZE 106 Apt Elev 115

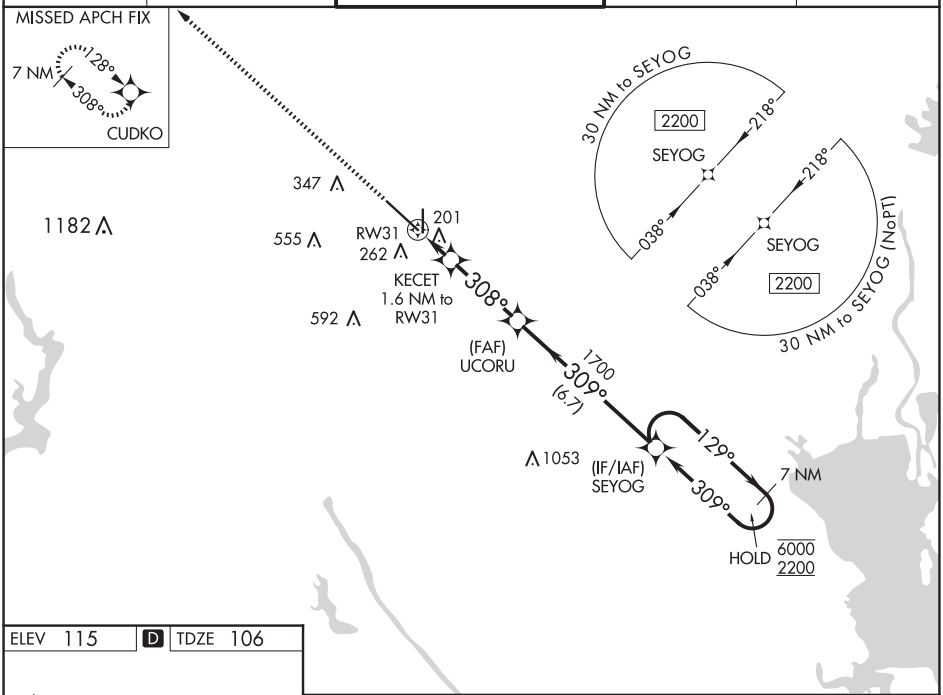
RNAV (GPS) RWY 31
VICTORIA RGNL (VCT)

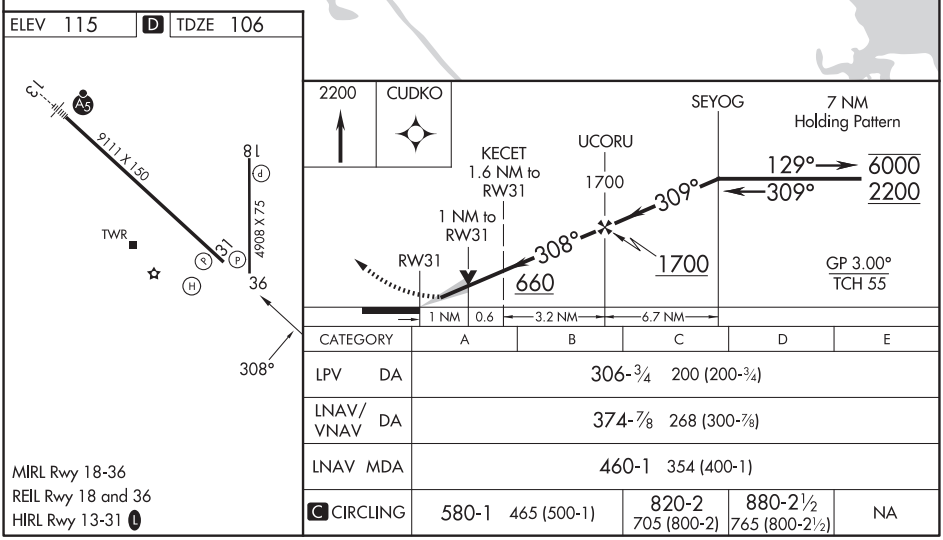
RNP APCH-GPS.

For uncompensated Baro-VNAV systems, procedure NA below -15°C or above 54°C.

MISSED APPROACH: Climb to 2200 direct CUDKO and hold.

ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7





CATEGORY	A	B	C	D	E
LPV DA	306-¾ 200 (200-¾)				
LNAV/VNAV DA	374-⅞ 268 (300-⅞)				
LNAV MDA	460-1 354 (400-1)				
C CIRCLING	580-1 465 (500-1)		820-2 705 (800-2)	880-2½ 765 (800-2½)	NA

MIRL Rwy 18-36
REIL Rwy 18 and 36
HIRL Rwy 13-31 L

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

VICTORIA, TEXAS

AL-438 (FAA)

25163

VOR RWY 13
VICTORIA RGNL (VCT)

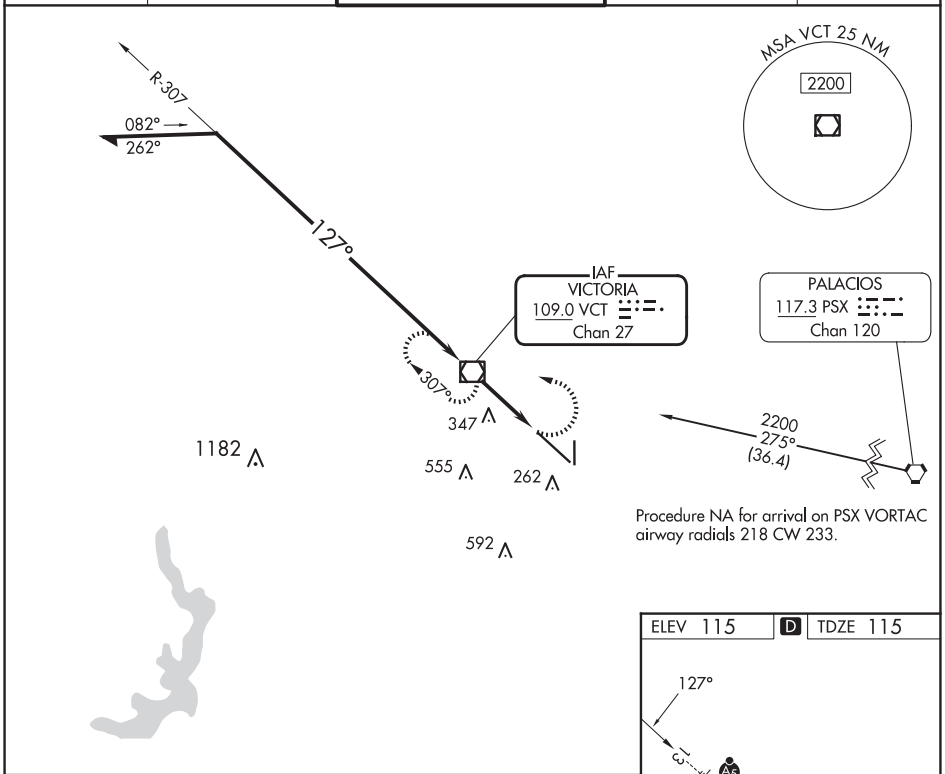
VOR/DME VCT	APP CRS	Rwy Ldg	9111
109.0	127°	TDZE	115
Chan 27		Apt Elev	115

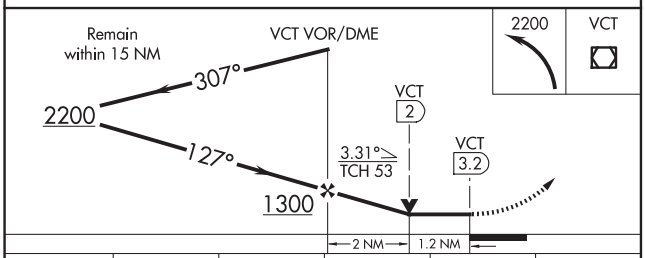
For inop ALS, increase Cat C/D/E visibility to 1⅜ SM.

MALSR

MISSED APPROACH: Climbing left turn to 2200 direct VCT VOR/DME and hold, continue climb-in-hold to 2200.

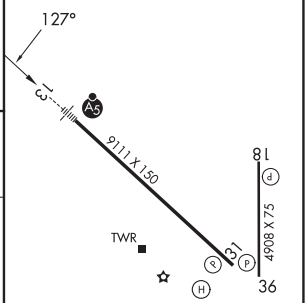
ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7





CATEGORY	A	B	C	D	E
S-13	600-½ 485 (500-½)		600-1 485 (500-1)		
C CIRCLING	600-1 485 (500-1)		820-2 705 (800-2)	880-2½ 765 (800-2½)	NA

ELEV 115 | D | TDZE 115



MIRL Rwy 18-36
REIL Rwy 18 and 36
HIRL Rwy 13-31 L

FAF to MAP 3.2 NM					
Knots	60	90	120	150	180
Min:Sec	3:12	2:08	1:36	1:17	1:04

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

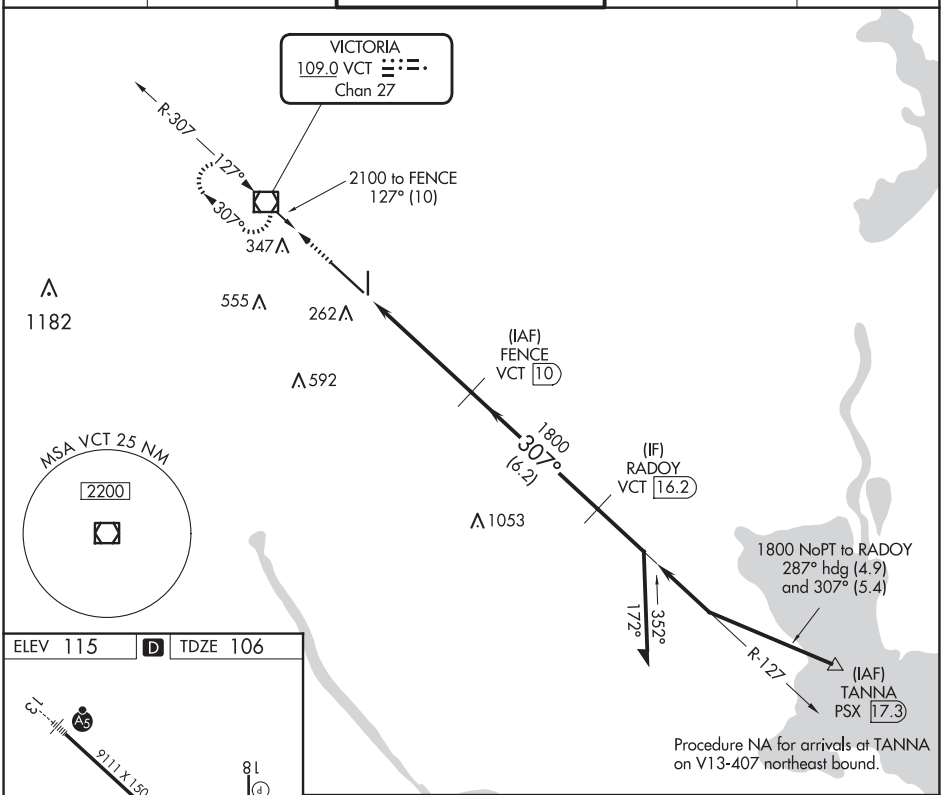
VOR RWY 31
VICTORIA RGNL (VCT)

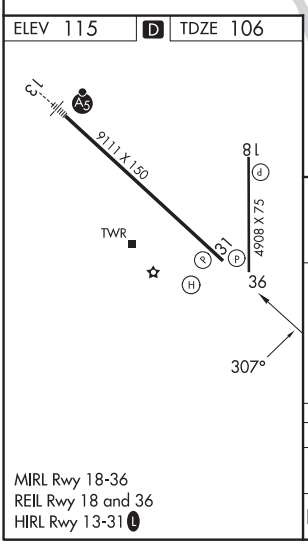
VOR/DME VCT 109.0 Chan 27	APP CRS 307°	Rwy Ldg 9111 TDZE 106 Apt Elev 115

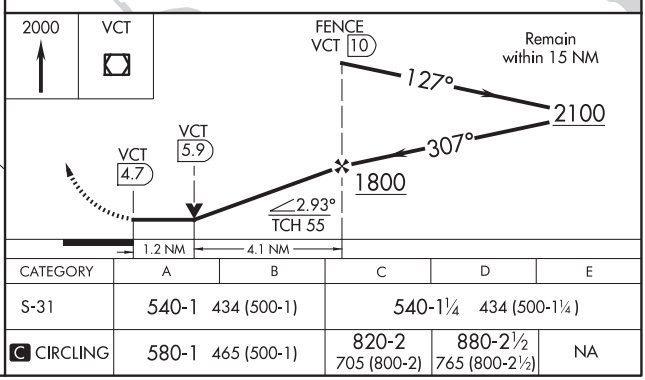
DME required.

MISSED APPROACH: Climb to 2000 direct VCT VOR/DME and hold.

ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7







CATEGORY	A	B	C	D	E
S-31	540-1 434 (500-1)		540-1¼ 434 (500-1¼)		
C CIRCLING	580-1 465 (500-1)		820-2 705 (800-2)	880-2½ 765 (800-2½)	NA

MIRL Rwy 18-36
REIL Rwy 18 and 36
HIRL Rwy 13-31 L

SC-5, 12 JUN 2025 to 07 AUG 2025

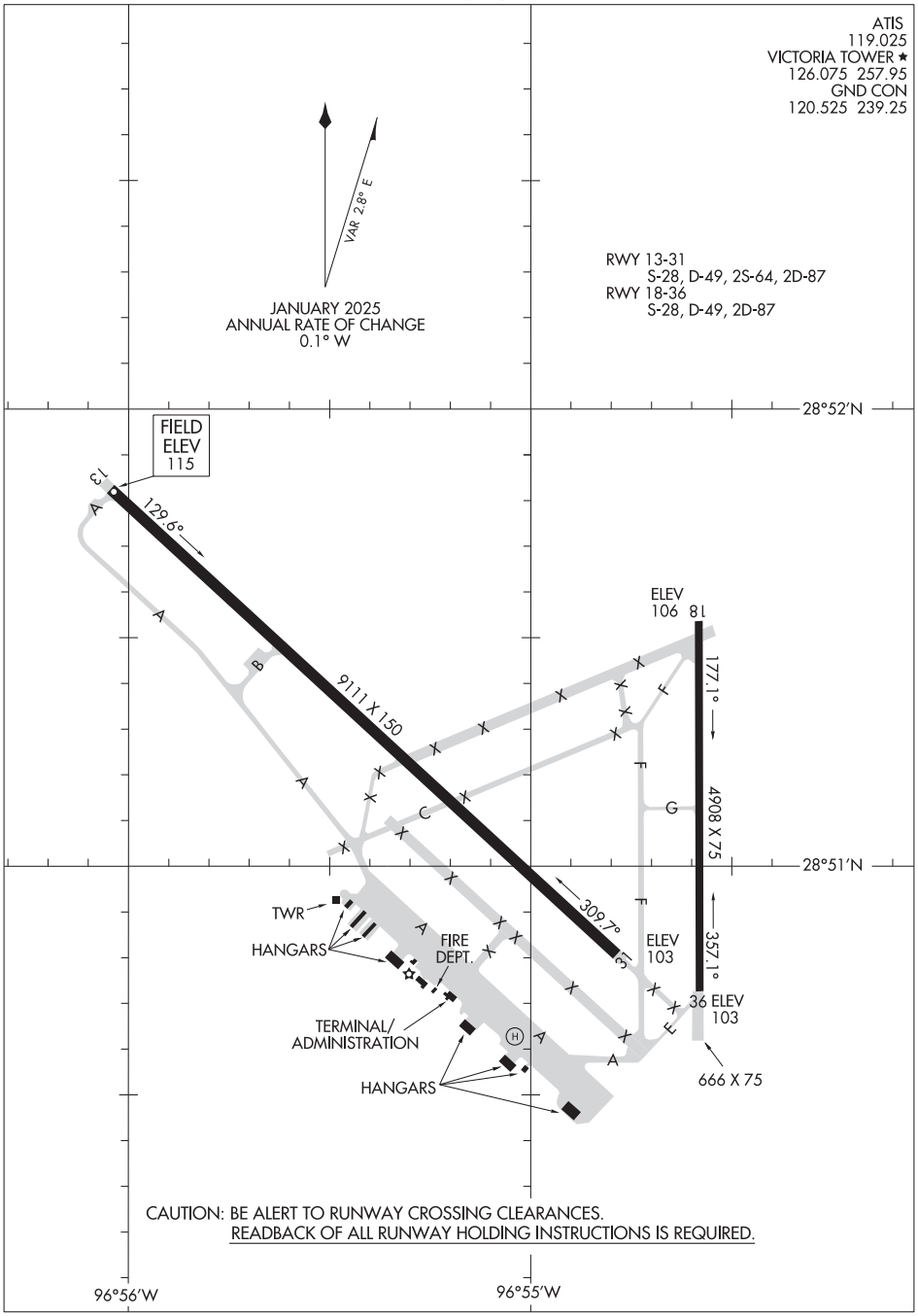
SC-5, 12 JUN 2025 to 07 AUG 2025

25163

AIRPORT DIAGRAM

AL-438 (FAA)

VICTORIA RGNL (VCT)
VICTORIA, TEXAS



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25163
VICTORIA, TEXAS
VICTORIA RGNL (VCT)

RNAV (GPS) RWY 14
WHARTON RGNL (ARM)

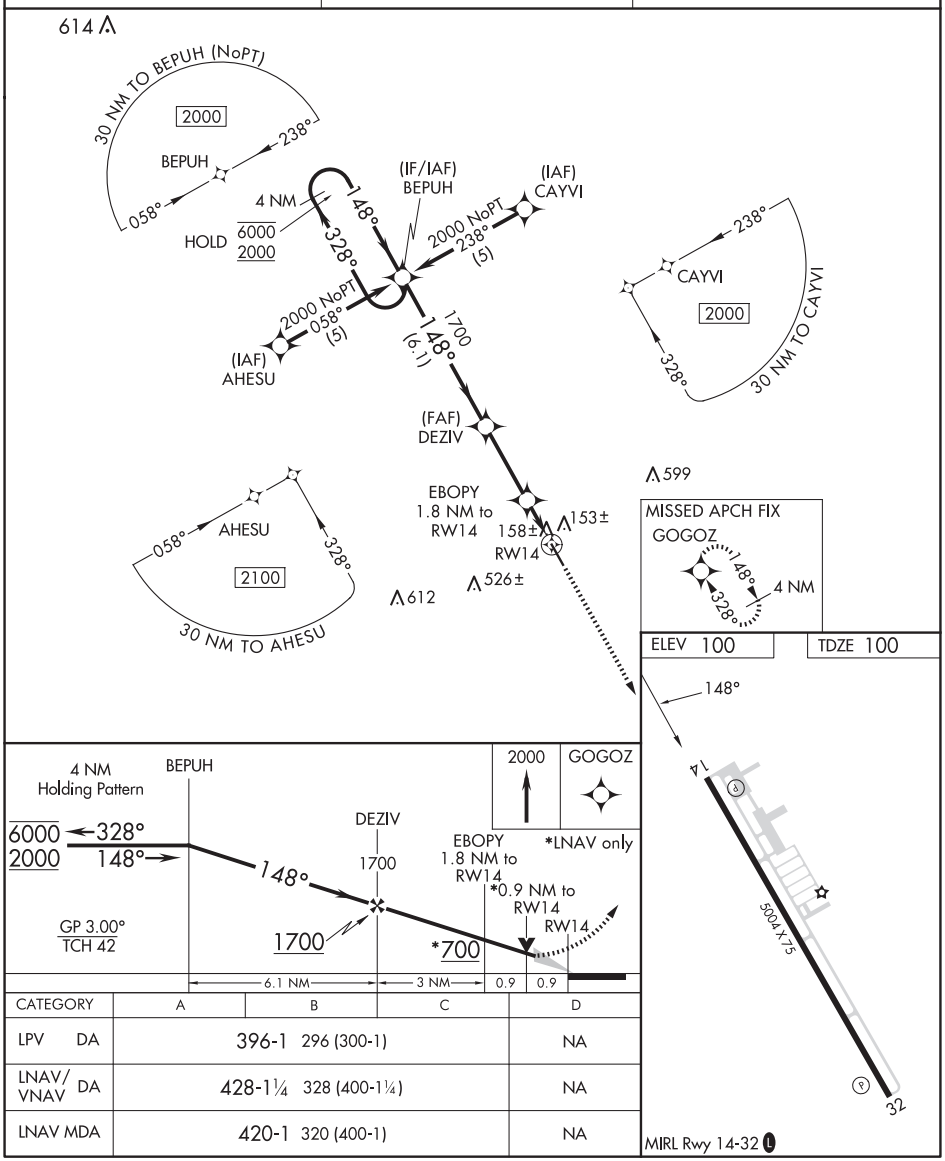
WAAS CH 77714 W14A	APP CRS 148°	Rwy ldg 5004 TDZE 100 Apt Elev 100

RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

MISSED APPROACH: Climb to 2000 direct GOGOZ and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.475	128.6 360.8	122.7 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	396-1 296 (300-1)			NA
LNAV/VNAV DA	428-1¼ 328 (400-1¼)			NA
LNAV MDA	420-1 320 (400-1)			NA

SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

WHARTON, TEXAS | AL-6032 (FAA) | 23166

RNAV (GPS) RWY 32
WHARTON RGNL (ARM)

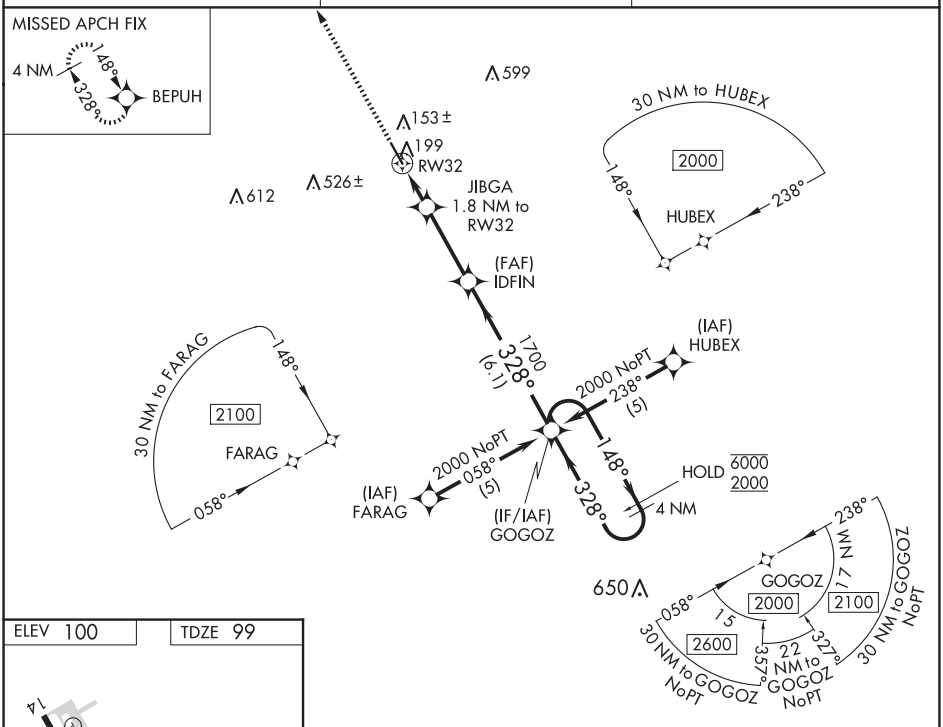
WAAS CH 58114 W32A	APP CRS 328°	Rwy ldg 5004 TDZE 99 Apt Elev 100

RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

MISSED APPROACH: Climb to 2000 direct BEPUH and hold.

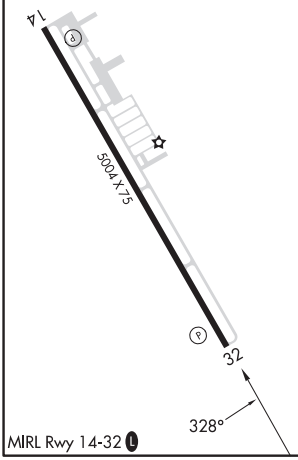
AWOS-3	HOUSTON CENTER	UNICOM
118.475	128.6 360.8	122.7 (CTAF)



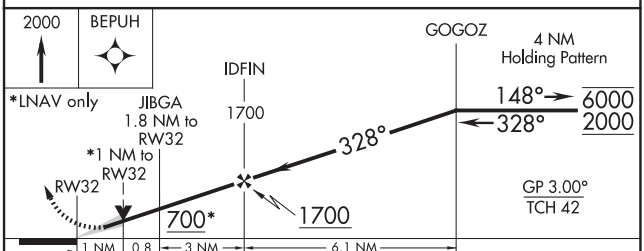
SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

ELEV 100 | TDZE 99



MIRL Rwy 14-32



CATEGORY	A	B	C	D
LPV DA	349-1	250 (300-1)		NA
LNAV/VNAV DA	399-1	300 (300-1)		NA
LNAV MDA	460-1	361 (400-1)		NA

WHARTON, TEXAS
Orig-B 07NOV19

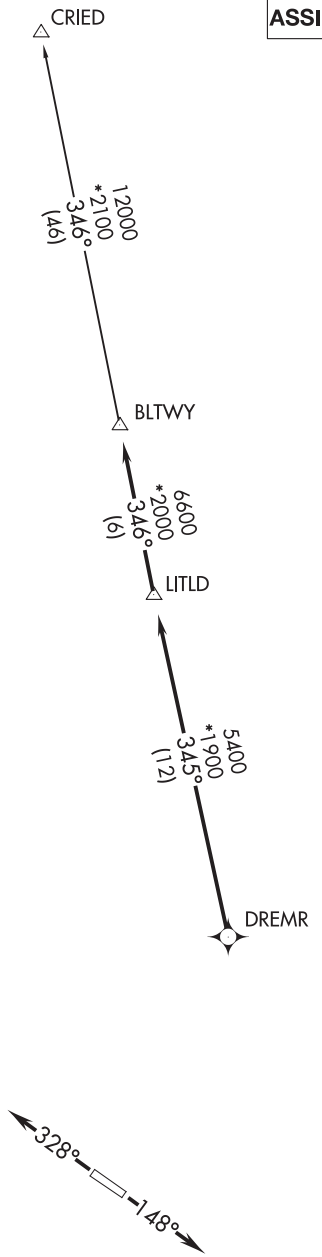
29°15'N-96°09'W

WHARTON RGNL (ARM)
RNAV (GPS) RWY 32

BLTWY SEVEN DEPARTURE (RNAV)

CTAF
122.7
HOUSTON DEP CON
128.6 360.85

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwy 14, 32: Standard with minimum climb of 500′ per NM to 600.

▼ DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 148° or as assigned by ATC for RADAR vectors to DREMR, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 328° or as assigned by ATC for RADAR vectors to DREMR, thence . . . .

...on track 345° to LITLD, then on track 346° to BLTWY, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

CRIED TRANSITION (BLTWY7.CRIED)

NOTE: Chart not to scale.

(INDIE8.INDIE) 21336 AL-6032 (FAA) WHARTON RGNL (ARM)

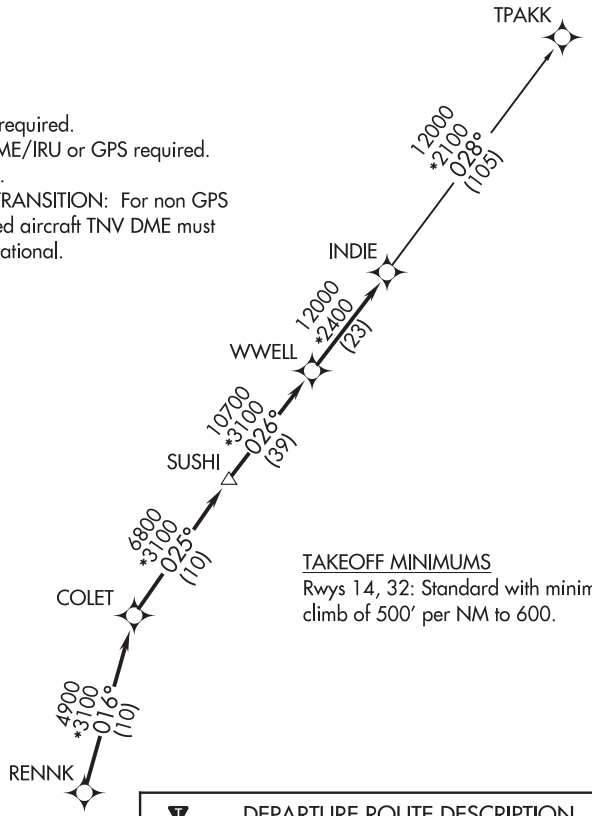
INDIE EIGHT DEPARTURE (RNAV)

WHARTON, TEXAS

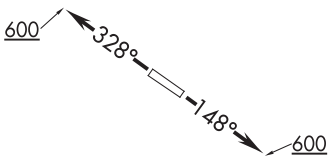
AWOS-3
118.475
CTAF
122.7
HOUSTON CENTER
128.6 360.8

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: For non GPS equipped aircraft TNV DME must be operational.



TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 600.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 148° to 600 for RADAR vectors to RENNK, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 328° to 600 for RADAR vectors to RENNK, thence . . . .

. . . . on track 016° to COLET, then on track 025° to SUSHI, then on track 026° to WWELL, then on track 026° to INDIE, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

TPAKK TRANSITION (INDIE8.TPAKK)

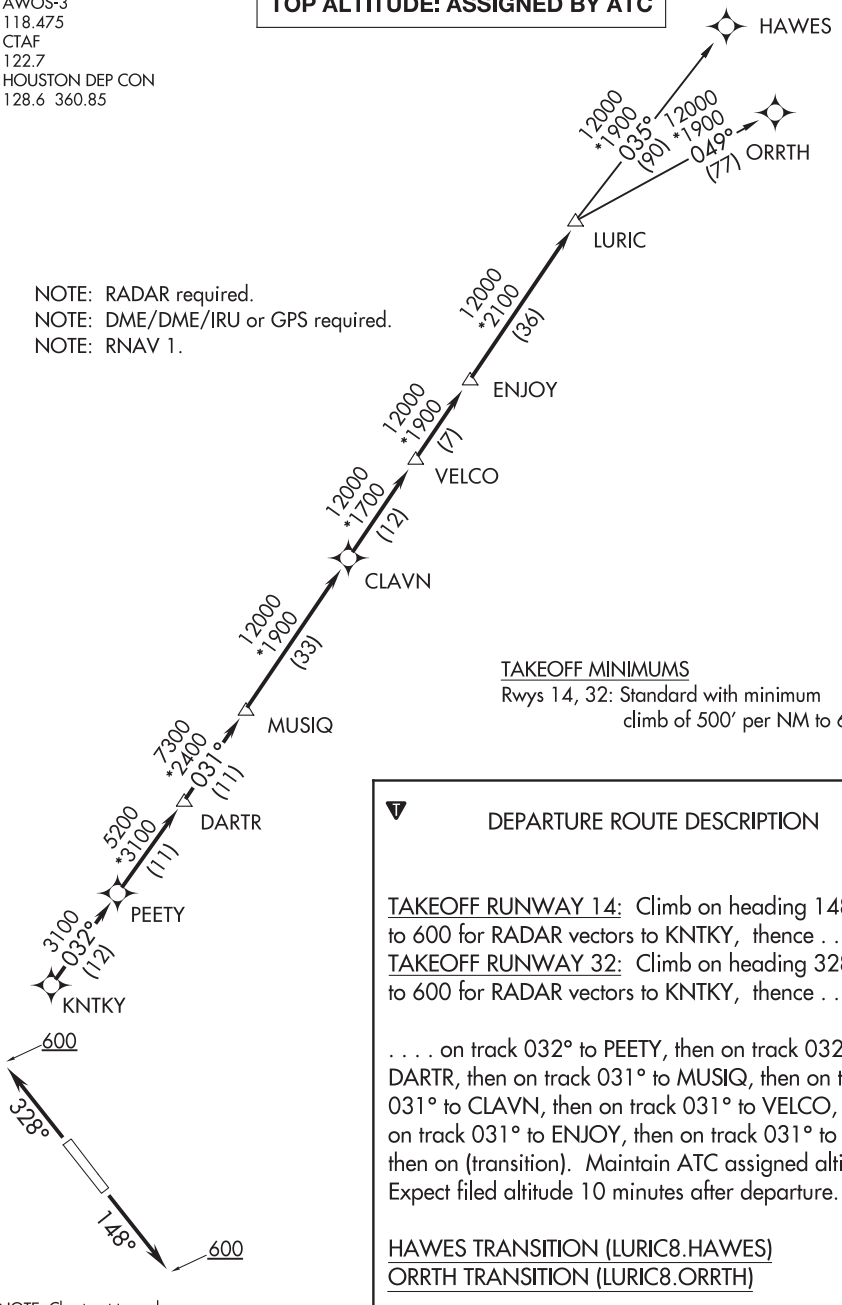
SC-5, 12 JUN 2025 to 07 AUG 2025

LURIC EIGHT DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
118.475
CTAF
122.7
HOUSTON DEP CON
128.6 360.85

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



TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 600.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 148° to 600 for RADAR vectors to KNTKY, thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 328° to 600 for RADAR vectors to KNTKY, thence . . . .

. . . . on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 031° to VELCO, then on track 031° to ENJOY, then on track 031° to LURIC, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

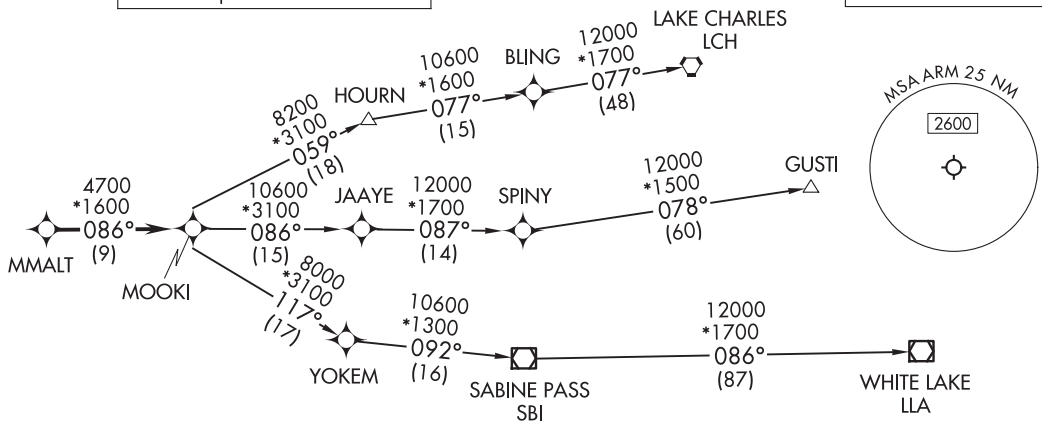
HAWES TRANSITION (LURIC8.HAWES)
ORRTH TRANSITION (LURIC8.ORRTH)

NOTE: Chart not to scale.

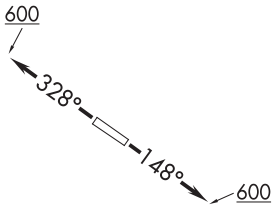
HOUSTON DEP CON
128.6 360.85

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

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GUSTI and LCH Transitions ATC assigned only for aircraft departing AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41 and 54T.



TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500'/NM to 600.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 148° to 600, for RADAR vectors to MMALT, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 328° to 600, for RADAR vectors to MMALT, thence. . . .

. . . .on track 086° to MOOKI, then on (transition). Maintain ATC assigned altitude.
Expect filed altitude 10 minutes after departure.

GUSTI TRANSITION (MMALT7.GUSTI)
LAKE CHARLES TRANSITION (MMALT7.LCH)
WHITE LAKE TRANSITION (MMALT7.LLA)

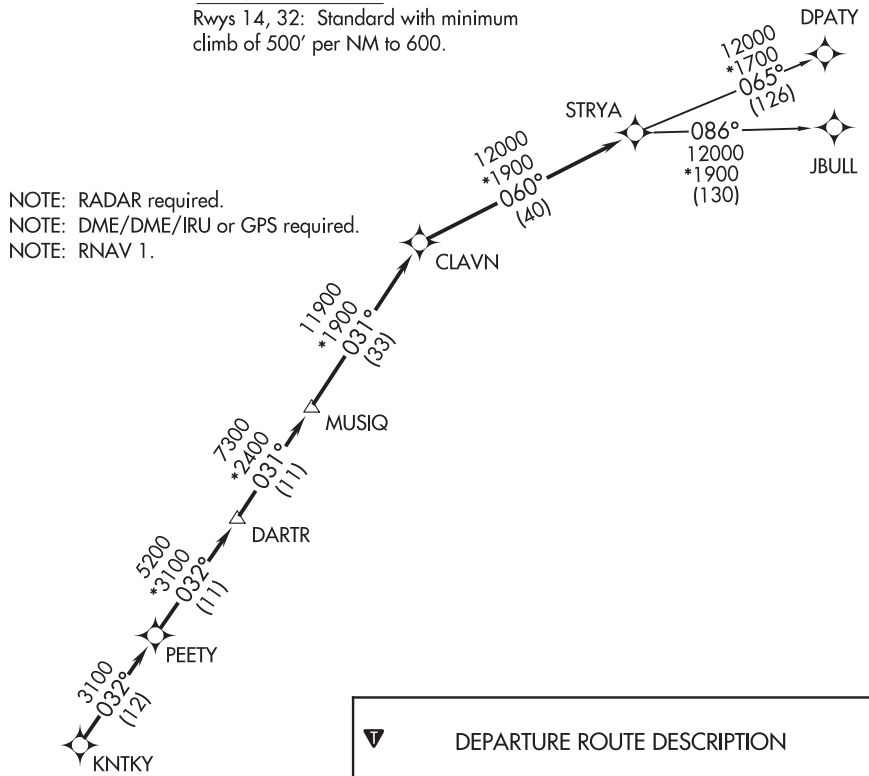
STRYA EIGHT DEPARTURE (RNAV)

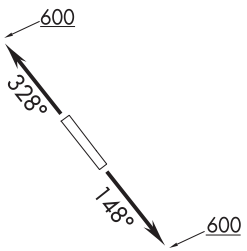
TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3
118.475
CTAF
122.7
HOUSTON CENTER
128.6 360.85

TAKEOFF MINIMUMS
Rwys 14, 32: Standard with minimum climb of 500′ per NM to 600.

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





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 148° to 600 for RADAR vectors to KNTKY, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 328° to 600 for RADAR vectors to KNTKY, thence. . . .

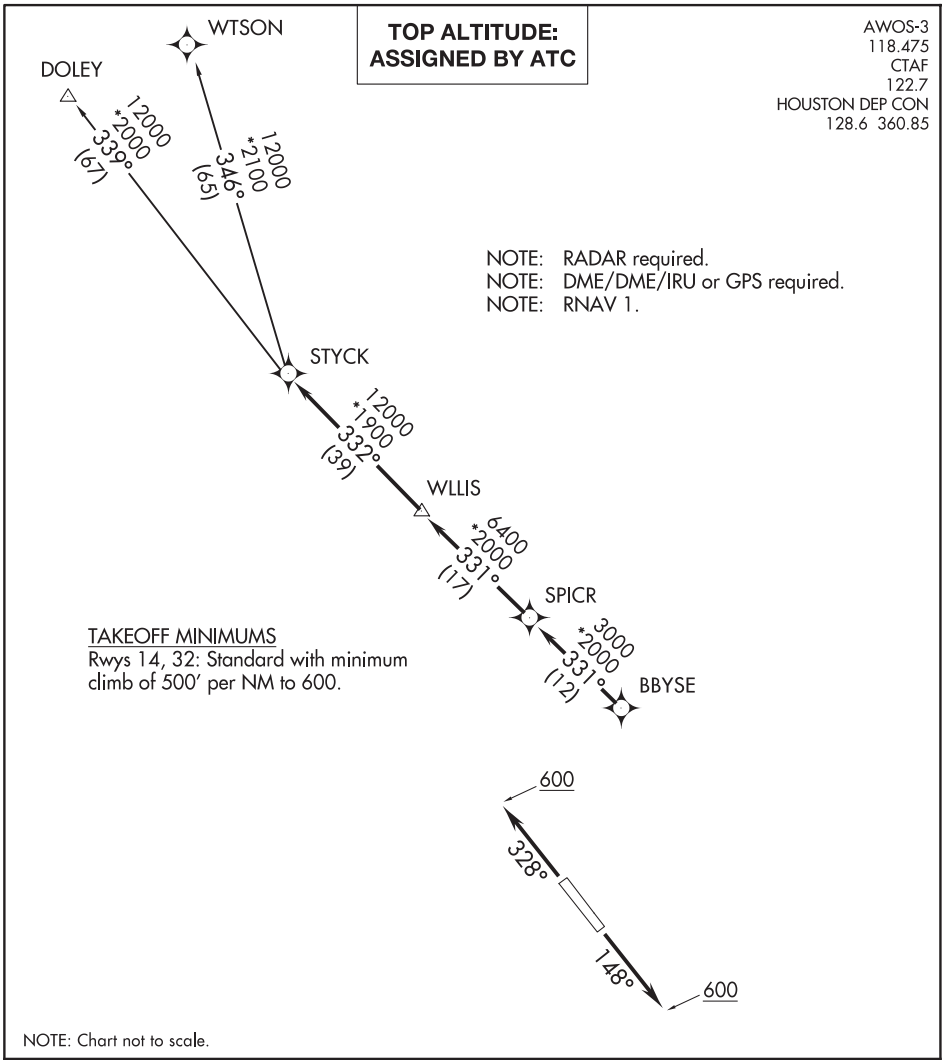
. . . .on track 032° to PEETY, then on track 032° to DARTR, then on track 031° to MUSIQ, then on track 031° to CLAVN, then on track 060° to STRYA, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DPATY TRANSITION (STRYA8.DPATY)
JBULL TRANSITION (STRYA8.JBULL)

(STYCK8.STYCK) 21280 AL-6032 (FAA)

STYCK EIGHT DEPARTURE (RNAV)

WHARTON RGNL(ARM)
WHARTON, TEXAS



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 148° to 600 for RADAR vectors to BBYSE, thence. . .
TAKEOFF RUNWAY 32: Climb on heading 328° to 600 for RADAR vectors to BBYSE, thence. . .

. . .on track 331° to SPICR, then on track 331° to WLLIS, then on track 332° to STYCK, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DOLEY TRANSITION (STYCK8.DOLEY)
WTSON TRANSITION (STYCK8.WTSON)

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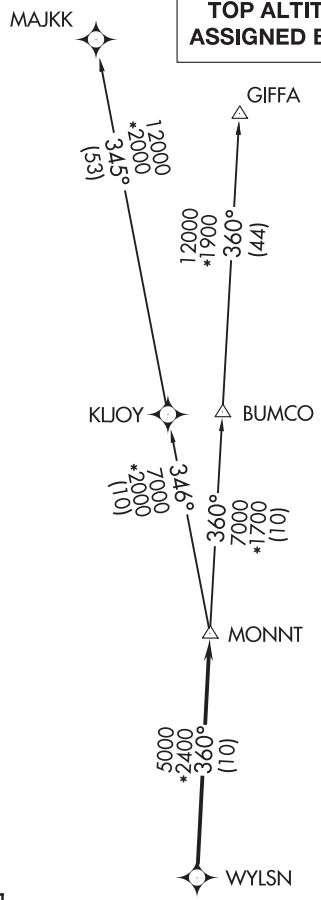
WYLSN EIGHT DEPARTURE (RNAV)

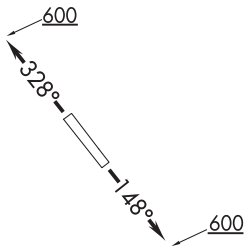
HOUSTON DEP CON
128.6 360.85

TOP ALTITUDE: ASSIGNED BY ATC



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

TAKEOFF MINIMUMS
Rwy 14, 32: Standard with minimum climb of 500′ per NM to 600.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 148° to 600 for RADAR vectors to WYLSN, thence. . . .
TAKEOFF RUNWAY 32: Climb on heading 328° to 600 for RADAR vectors to WYLSN, thence. . . .

. . . .on track 360° to MONNT, then on (transition). Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

GIFFA TRANSITION (WYLSN8.GIFFA)
MAJKK TRANSITION (WYLSN8.MAJKK)

NOTE: Chart not to scale.

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WINNIE/STOWELL, TEXAS

AL-11886 (FAA)

23334

APP CRS	Rwy ldg	NA
178°	TDZE	NA
	Apt Elev	24

RNAV (GPS)-A

CHAMBERS COUNTY/WINNIE STOWELL (T9Ø)

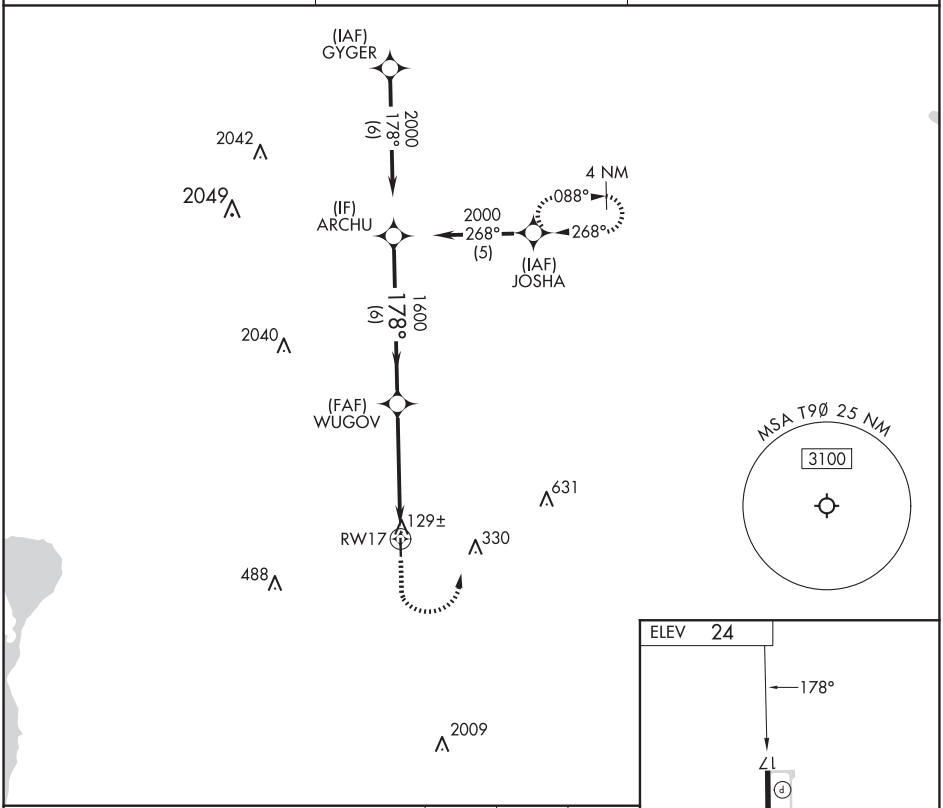
RNP APCH - GPS.

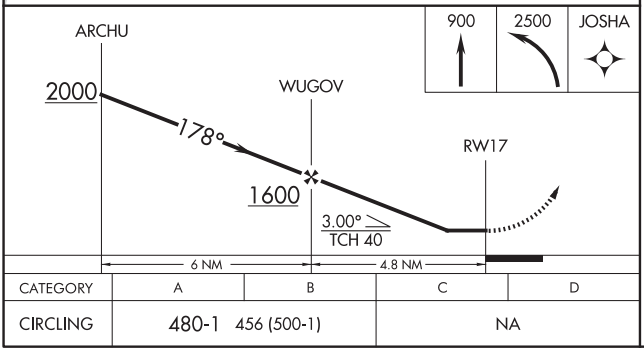
T A NA

Procedure NA at night. Rwy 17 and 35 helicopter visibility reduction below 1 SM NA. Use Beaumont altimeter setting; when not received, use Liberty altimeter setting and increase all MDAs 20 feet.

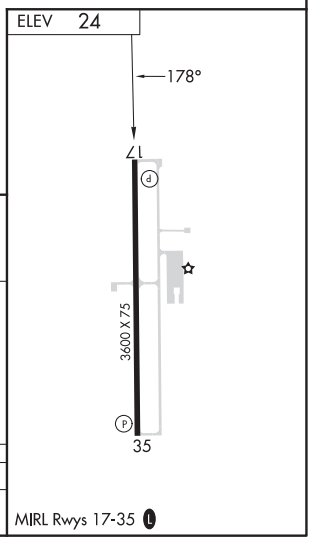
MISSED APPROACH: Climb to 900 then climbing left turn to 2500 direct JOSHA and hold.

BMT AWOS-3PT	HOUSTON APP CON	CTAF
118.425	121.3 377.1	122.9 L





CATEGORY	A	B	C	D
CIRCLING	480-1 456 (500-1)		NA	



SC-5, 12 JUN 2025 to 07 AUG 2025

SC-5, 12 JUN 2025 to 07 AUG 2025

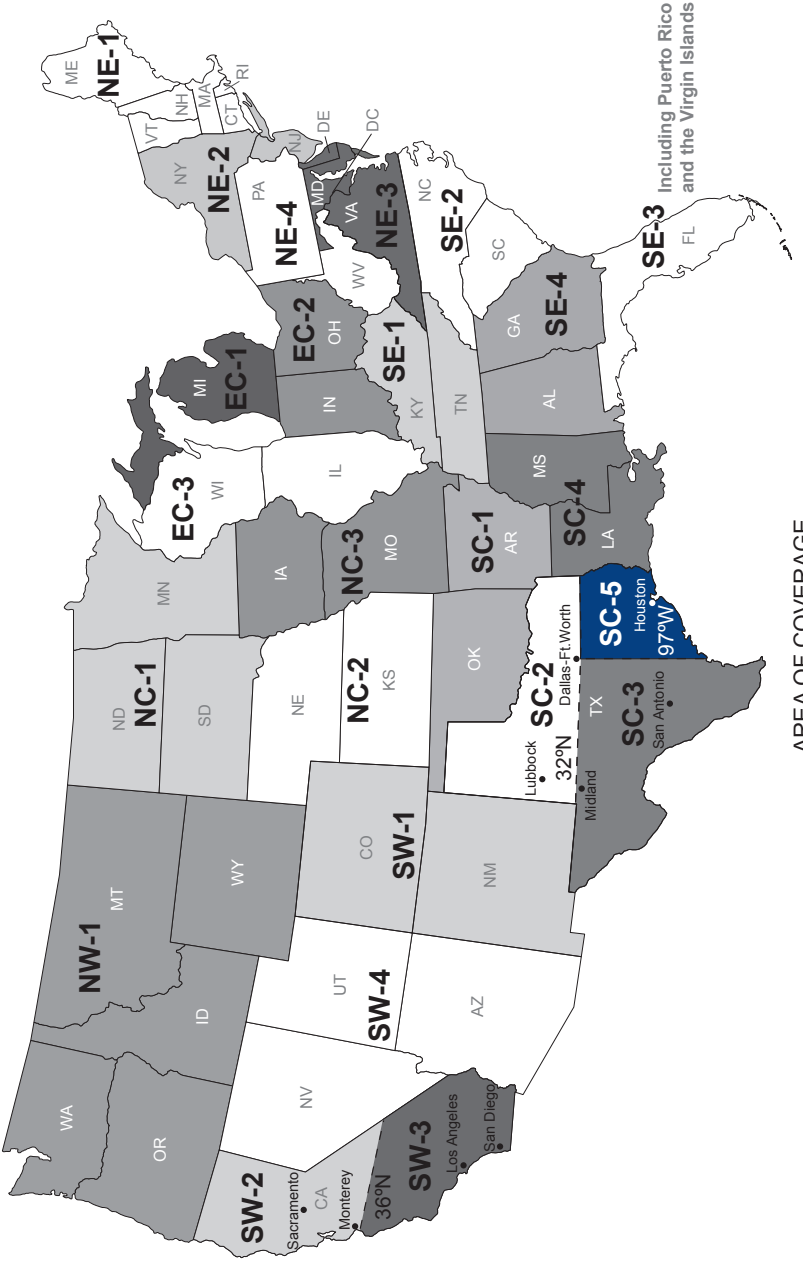
INSIDE BACK COVER

INTENTIONALLY

LEFT

BLANK

U.S. TERMINAL PUBLICATION VOLUMES



FAA Product ID: BTPPSC5

NSN 7641015059590

NGA REF. NO. OK-10-2859

TERMXFAABTPPSC5

EFF. DATE 25163