

SW-1

CO NM

30 JAN 20 to 26 MAR 20



Federal Aviation  
Administration

TM

# U.S. Terminal Procedures Publication

Southwest (SW) Vol 1 of 4

Effective: 0901Z

**30 JAN 2020**

to: 0901Z

**26 MAR 2020**

Consult the Change Notice  
(CN) effective 27 FEB 2020 for  
revised Instrument Procedure  
Charts for this volume

COLORADO

NEW  
MEXICO

Consult NOTAMs for latest information

Consult/Subscribe to FAA Safety Alerts and Charting Notices at:

[http://www.faa.gov/air\\_traffic/flight\\_info/aeronav/safety\\_alerts/](http://www.faa.gov/air_traffic/flight_info/aeronav/safety_alerts/)

Published from digital files compiled in accordance with Interagency Air  
Committee specifications and agreements approved by  
Department of Defense - Federal Aviation Administration





TABLE OF CONTENTS

Inoperative Components or Visual Aids Table.....A1

Explanation of Terms/Landing Minima Data.....B1

General Information.....C1

Abbreviations.....D1

Legend — IAP Planview.....E1

Legend — IAP Profile.....F1

Legend — Departure Procedures and Standard Terminal Arrival Charts.....G1

Legend — Airport Diagram/Sketch.....H1

Legend — Approach Lighting Systems.....I1

Frequency Pairing.....J1

Index of Terminal Charts and Minimums.....K1

IFR Takeoff Minimums, Departure Procedures, and Diverse Vector Area (Radar Vectors).....L1

IFR Alternate Airport Minimums.....M1

Radar Minimums.....N1

Land and Hold-Short Operations (LAHSO).....O1

Hot Spots.....P1

Standard Terminal Arrival Charts.....Z1

Terminal Charts.....Page 1

Rate of Climb/Descent Table.....Inside Back Cover

Area of Coverage.....Outside Back Cover

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 3424  
Silver Spring, MD 20910  
Telephone: 1-800-638-8972  
[https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/aero\\_data/](https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/)

For inquiries regarding military charts, please contact [aerohelp@nga.mil](mailto:aerohelp@nga.mil)

FOR PROCUREMENT:

For digital products, visit our website at:  
[https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/digital\\_products/](https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/)

For a list of approved FAA Print Providers, visit our website at:  
[https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/print\\_providers/](https://www.faa.gov/air_traffic/flight_info/aeronav/print_providers/)

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.



# 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.

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

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

(4) Sidestep minima (CAT C-D)

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

(5) All Approach Types, All lines of minima

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



## TERMS/LANDING MINIMA DATA 19339

## IFR LANDING MINIMA

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

## LANDING MINIMA FORMAT

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

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

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

## COPTER MINIMA ONLY

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

Copter Approach Direction

Height of MDA/DA Above Landing Area (HAL)

No circling minimums are provided

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

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

## COLD TEMPERATURE RESTRICTED 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 restricted temperature. Pilots familiar with cold temperature procedure in the Notice to Airmen Publication (NTAP) and correcting all altitudes from the IAF to the MA final holding altitude do not have to reference the NTAP. Pilots wishing to correct on individual segments must reference the NTAP airport list for affected segments. See Notice to Airmen Publication (NTAP) Graphic Notices General for complete list of published airports, temperature, segments, and procedure information. [www.faa.gov/air\\_traffic/publications/notices](http://www.faa.gov/air_traffic/publications/notices). Pilots will advise ATC with the required altitude correction when making a correction to any segment other than the final segment. See following Cold Temperature Error Table to make manual corrections.

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. However, if it is necessary to operate at a speed in excess of the upper limit of the speed range for an aircraft's category, the minimums for the category for that speed shall be used. For example, an airplane which fits into Category B, but is circling to land at a speed of 145 knots, shall use the approach Category D minimums. As an additional example, a Category A airplane (or helicopter) which is operating at 130 knots on a straight-in approach shall use the approach Category C minimums. 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 19339



TERMS/LANDING MINIMA DATA 19339

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 tables below. The resultant arcs are then connected tangentially to define the protected area.

STANDARD CIRCLING APPROACH MANEUVERING RADIUS

Circling approach protected areas developed prior to late 2012 used the radius distances shown in the following table, expressed in nautical miles (NM), dependent on aircraft approach category. The approaches using standard circling approach areas can be identified by the absence of the **C** symbol on the circling line of minima.

Circling MDA in feet MSL	Approach Category and Circling Radius (NM)				
	CAT A	CAT B	CAT C	CAT D	CAT E
All Altitudes	1.3	1.5	1.7	2.3	4.5

**C** EXPANDED CIRCLING APPROACH MANEUVERING AIRSPACE RADIUS

Circling approach protected areas developed after late 2012 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. The approaches using expanded circling approach areas can be identified by the presence of the **C** symbol on the circling line of minima.

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

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	¾	5500	1
1800	½	2600	½	4000	¾	6000	1¼
2000	½	3000	¾	4500	¾		
2200	½	3200	¾	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)

Radar Minima:

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

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

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

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

TERMS/LANDING MINIMA DATA 19339

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



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 under Other Transaction Agreement (OTA) by private providers and have been certified by the FAA. 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-227 (USAF).

CHART CURRENCY INFORMATION

Date of Latest Revision 09365

The Date of Latest Revision identifies the Julian date the chart was added or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest revision of any kind has been made to the chart.



The FAA Procedure Amendment Number represents the most current amendment of a given procedure. The Procedure Amendment Effective Date represents the AIRAC cycle date on which the procedure amendment was incorporated into the chart. Updates to the amendment number & effective date represent procedural/criteria revisions to the charted procedure, e.g., course, fix, altitude, minima, etc. On Departure Procedures and Standard Terminal Arrivals, procedural revisions to the current chart are indicated by an upnumber to the procedure title with the procedure amendment effective date following. On Radar Minima, Takeoff Minimums and (Obstacle) Departure Procedures and Diverse Vector Areas, the FAA Procedure Amendment Number, Procedure Effective Date, and the Julian Date of Last Revision will be shown on the same line, e.g., AMDT 2 10DEC15 (15344).

MISCELLANEOUS

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

For Civil (FAA) 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.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

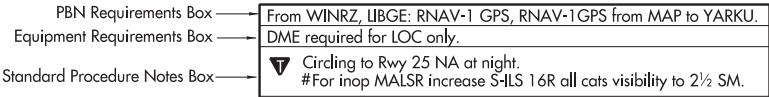


STANDARD TERMINAL ARRIVALS AND DEPARTURE PROCEDURES









The use of the associated codified STAR/DP and transition identifiers are requested of users when filing flight plans via teletype and are required for users filing flight plans via computer interface. 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 EQUIPMENT REQUIREMENTS

Users will begin to see Performance-Based Navigation (PBN) Requirements and Equipment Requirements 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 procedures 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.



PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

- Available pilot controlled lighting (PCL) systems are indicated as follows:
- 1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., , , .
  - 2. Approach lighting systems that do not bear a system identification are indicated with a negative "0" beside the name.
- A star (★) indicates non-standard PCL, consult Chart Supplement, e.g., ★
- To activate lights, use frequency indicated in the communication section of the chart with a  or the appropriate lighting system identification e.g., UNICOM 122.8 , , .

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)



## GENERAL INFO 20030

## ABBREVIATIONS

AAUP.....	Attention All Users Page	GLS.....	Ground Based Augmentation System Landing System
ADF.....	Automatic Direction Finder	GP.....	Glidepath
ADIZ.....	Air Defense Identification Zone	GPI.....	Ground Point of Interception
AFIS.....	Automatic Flight Information Service	GPS.....	Global Positioning System
ALS.....	Approach Light System	GS.....	Glide Slope
ALSF.....	Approach Light System with Sequenced Flashing Lights	HAA.....	Height above Airport
AOB.....	At Or Below	HAL.....	Height above Landing
AP.....	Autopilot System	HAT.....	Height above Touchdown
APCH.....	Approach	HATH.....	Height Above Threshold
APP CON.....	Approach Control	HCH.....	Heliport Crossing Height
ARR.....	Arrival	HGS.....	Head-up Guidance System
ASOS.....	Automated Surface Observing System	HIRL.....	High Intensity Runway Lights
ASR/PAR.....	Published Radar Minimums at this Airport	HUD.....	Head-up Display
ASSC.....	Airport Surface Surveillance Systems	IAF.....	Initial Approach Fix
ATIS.....	Automatic Terminal Information Service	ICAO.....	International Civil Aviation Organization
AUNICOM.....	Automated UNICOM	IF.....	Intermediate Fix
AWOS.....	Automated Weather Observing System	IM.....	Inner Marker
AZ.....	Azimuth	INOP.....	Inoperative
BC.....	Back Course	INT.....	Intersection
BND.....	Bound	K.....	Knots
C.....	Circling	KIAS.....	Knots Indicated Airspeed
CAT.....	Category	LAAS.....	Local Area Augmentation System
CCW.....	Counter Clockwise	LDA.....	Localizer Type Directional Aid
CDI.....	Course Deviation Indicator	Ldg.....	Landing
Chan.....	Channel	LRL.....	Low Intensity Runway Lights
CIFP.....	Coded Instrument Flight Procedures	LNAV.....	Lateral Navigation
CIR.....	Circling	LOC.....	Localizer
CLNC DEL.....	Clearance Delivery	LP.....	Localizer Performance
CNF.....	Computer Navigation Fix	LPV.....	Localizer Performance with Vertical Guidance
CPDLC.....	Controller Pilot Data Link Communication	LR.....	Lead Radial. Provides at least 2 NM (Copter 1 NM) of lead to assist in turning onto the intermediate/final course.
CTAF.....	Common Traffic Advisory Frequency	MAA.....	Maximum Authorized Altitude
CW.....	Clockwise	MALS.....	Medium Intensity Approach Light System
D-ATIS.....	Digital-Automatic Terminal Information Service	MALSF.....	Medium Approach Lighting System with Sequenced Flashers
DA.....	Decision Altitude	MALSR.....	Medium Intensity Approach Light System with RAIL
DER.....	Departure End of Runway	MAP.....	Missed Approach Point
DH.....	Decision Height	MDA.....	Minimum Descent Altitude
DME.....	Distance Measuring Equipment	MIRL.....	Medium Intensity Runway Lights
DTHR.....	Displaced Threshold	MM.....	Middle Marker
DVA.....	Diverse Vector Area	MRA.....	Minimum Reception Altitude
ELEV.....	Elevation	N/A.....	Not Applicable
EMAS.....	Engineered Material Arresting System	NA.....	Not Authorized
FAF.....	Final Approach Fix	NDB.....	Non-directional Radio Beacon
FD.....	Flight Director System	NM.....	Nautical Mile
FM.....	Fan Marker	NoPT.....	No Procedure Turn Required (Procedure Turn shall not be executed without ATC clearance)
FMS.....	Flight Management System		
GBAS.....	Ground Based Augmentation System		
GCO.....	Ground Communications Outlet		

## GENERAL INFO 20030



## GENERAL INFO 20030

ABBREVIATIONS

ODALS.....	Omnidirectional Approach Light System
ODP.....	Obstacle Departure Procedure
OM.....	Outer Marker
PAR.....	Precision Approach Radar
PRM.....	Precision Runway Monitor
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
RLLS.....	Runway Lead-in Light System
RNAV.....	Area Navigation
RNP.....	Required Navigation Performance
RPI.....	Runway Point of Intercept(ion)
RRL.....	Runway Remaining Lights
Rwy.....	Runway
RVR.....	Runway Visual Range
S.....	Straight-in
SALS.....	Short Approach Light System
SALSF.....	Short Approach Lighting System with Sequenced Flashing Lights
SSALF.....	Simplified Short Approach Lighting System with Sequenced Flashers
SSALR.....	Simplified Short Approach Light System with RAIL
SSALS.....	Simplified Short Approach Lighting System
SDF.....	Simplified Directional Facility
SM.....	Statute Mile
SOIA.....	Simultaneous Offset Instrument Approach
SR-SS.....	Sunrise-Sunset
TAA.....	Terminal Arrival Area
TAC.....	TACAN
TCH.....	Threshold Crossing Height (height in feet Above Ground level)
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
VASI.....	Visual Approach Slope Indicator
VCOA.....	Visual Climb Over Airport
VDP.....	Visual Descent Point
VGSI.....	Visual Glide Slope Indicator
VNAV.....	Vertical Navigation
WAAS.....	Wide Area Augmentation System
WP/WPT.....	Waypoint (RNAV)

## GENERAL INFO 20030

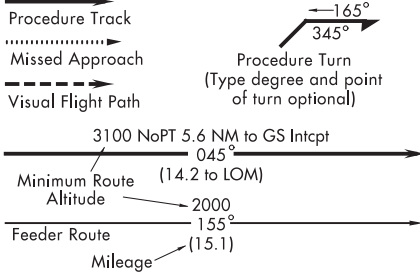


## LEGEND 19339

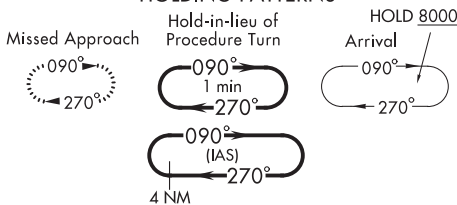
## INSTRUMENT APPROACH PROCEDURES (CHARTS)

## PLANVIEW SYMBOLS

## TERMINAL ROUTES

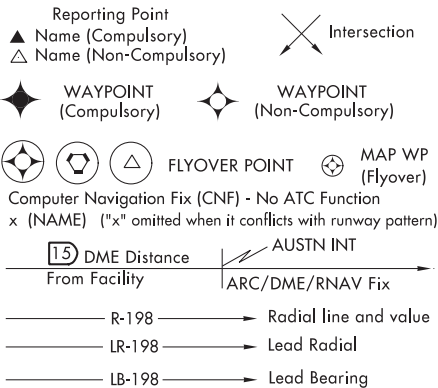


## HOLDING PATTERNS



Holding pattern with max. 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



## ALTITUDES

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

## Compulsory:



## Non-Compulsory:



LOM/LMM (Compass locator at Outer Marker/Middle Marker)

Marker Beacon

Marker beacons that are not specifically part of the procedure but underlie the final approach course are shown in screened color.

Localizer (LOC/LDA) Course  
Right side shading: Front course; Left side shading: Back Course

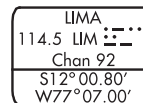
SDF Course

LOC/DME

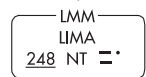
LOC/LDA/SDF Transmitter

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

Primary Navaid with Coordinate Values



Secondary Navaid



VHF  
Paired Frequency

## LEGEND 19339

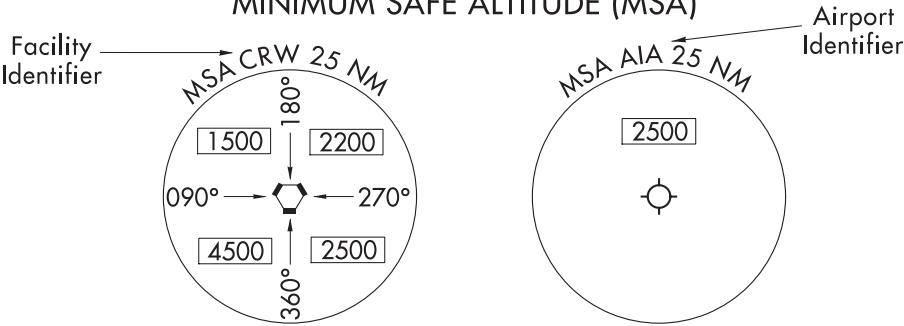


LEGEND 19171

INSTRUMENT APPROACH PROCEDURES (CHARTS)

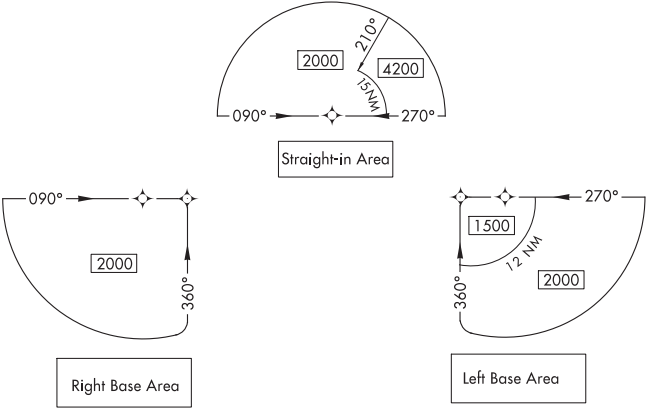
PLANVIEW SYMBOLS

MINIMUM SAFE ALTITUDE (MSA)

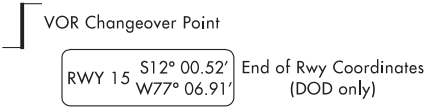


(arrows on distance circle identify sectors)

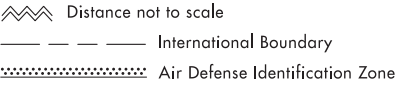
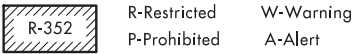
TERMINAL ARRIVAL AREA (TAA)



MISCELLANEOUS



SPECIAL USE AIRSPACE



AIRPORTS



OBSTACLES



LEGEND 19171

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







## LEGEND 19059

# LEGEND

## STANDARD TERMINAL ARRIVAL (STAR) CHARTS

## DEPARTURE PROCEDURE (DP) CHARTS

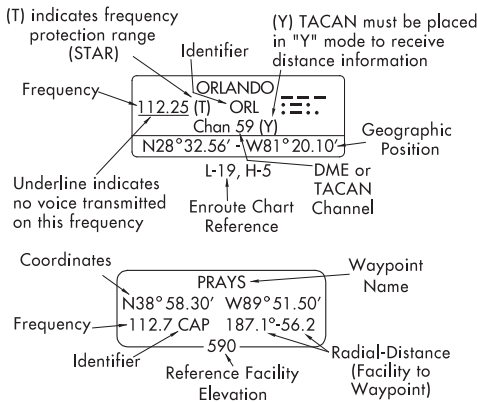
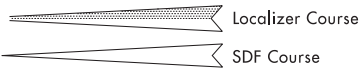
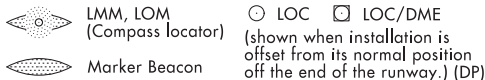
Applies to both STAR and DP Charts unless otherwise noted.

## RADIO AIDS TO NAVIGATION

Compulsory:

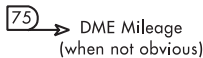


Non-Compulsory:



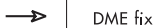
## FIXES/ATC REPORTING REQUIREMENTS

Reporting Points  
N00°00.00'  
W00°00.00'



▲ Fix-Compulsory and

△ Non-Compulsory Position Report



WAYPOINT  
(Compulsory)



WAYPOINT  
(Non-Compulsory)

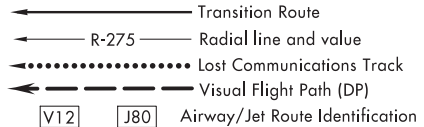


FLYOVER POINT

X Computer Navigation Fix (CNF) - No ATC Function  
N00°00.00'  
W00°00.00'

## ROUTES

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



DP Holding Pattern STAR Holding Pattern



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

## SPECIAL USE AIRSPACE



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

## ALTITUDES

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

15000  
12000

Block Altitude

Altitude change at other than Radio Aids (STAR)

## INDICATED AIRSPEED

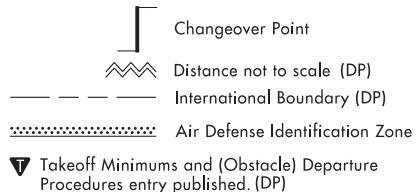
175K 120K 250K  
Mandatory Airspeed Minimum Airspeed Maximum Airspeed

## AIRPORTS



Airports not served by the procedure shown in screened color (STAR)

## MISCELLANEOUS



## LEGEND 19059




19339


LEGEND


INSTRUMENT APPROACH PROCEDURES (CHARTS)


AIRPORT DIAGRAM/AIRPORT SKETCH


Runways


  
Hard Surface


  
Other Than Hard Surface


  
Stopways, Taxiways, Parking Areas

  
Metal Surface


  
Closed Runway


  
Closed Surface


  
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..... 


24-Hour Self-Serve Fuel ##..... 

Tanks..... 

Obstructions..... 

Airport Beacon #..... 

Runway Radar Reflectors..... 


Control Tower #.....  TWR

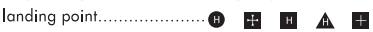
# When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

## A fuel symbol is shown to indicate 24-hour self-serve fuel available, see appropriate Chart Supplement for 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 FUP. (Foreign Only)


Runway Weight Bearing Capacity/or PCN Pavement Classification Number is shown as a codified expression. Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCN 80 F/D/X/U S-75, D-185, 2S-175, 2D-325

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.....0.8% UP 

(shown when runway slope is greater than or equal to 0.3%)

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

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

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

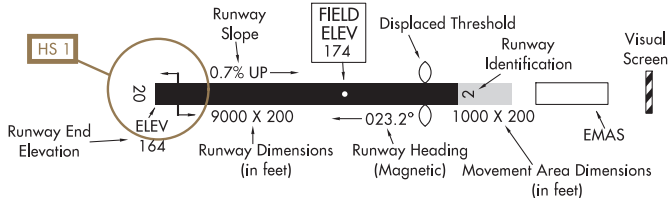
True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or 1/2 minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

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

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

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



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

LEGEND

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

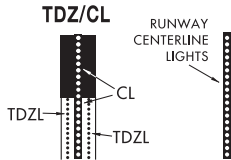


## LEGEND 15344

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

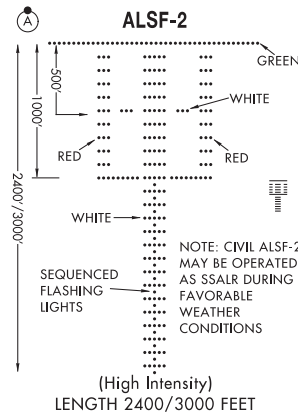
Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, e.g., (A2), (V), etc.

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).

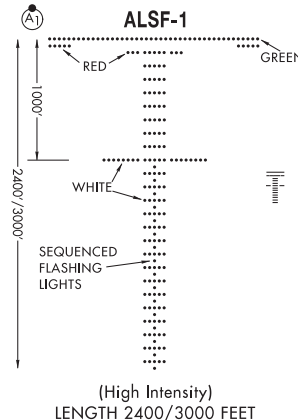
RUNWAY TOUCHDOWN ZONE  
AND CENTERLINE  
LIGHTING SYSTEMS

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

## APPROACH LIGHTING SYSTEM

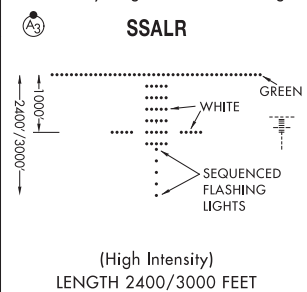
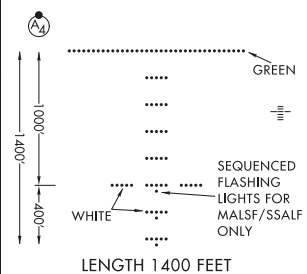


## APPROACH LIGHTING SYSTEM

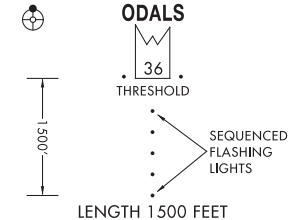
SHORT APPROACH  
LIGHTING SYSTEM

**SALS/SALSF**  
(High Intensity)

SAME AS INNER 1500' OF ALSF-1

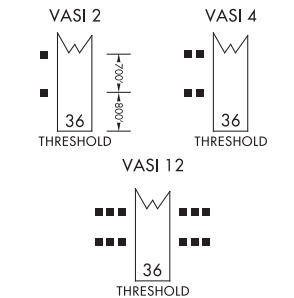
SIMPLIFIED SHORT  
APPROACH LIGHTING SYSTEM  
with Runway Alignment Indicator LightsMEDIUM INTENSITY (MALS and  
MALSF) OR SIMPLIFIED SHORT  
(SSALS and SSALF)  
APPROACH LIGHTING SYSTEMSMEDIUM INTENSITY  
APPROACH LIGHTING SYSTEM  
with Runway Alignment Indicator Lights

SAME LIGHT CONFIGURATION  
AS SSALR.

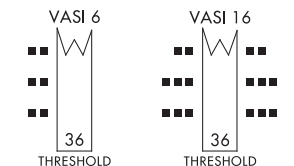
OMNIDIRECTIONAL  
APPROACH LIGHTING SYSTEM(V) VISUAL APPROACH  
SLOPE INDICATOR  
VASI

VISUAL APPROACH SLOPE INDICATOR  
WITH STANDARD THRESHOLD CLEARANCE  
PROVIDED.

ALL LIGHTS WHITE — TOO HIGH  
FAR LIGHTS RED — ON GUIDE SLOPE  
NEAR LIGHTS WHITE — 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.





## LEGEND 18256

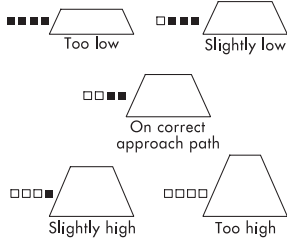
INSTRUMENT APPROACH PROCEDURES (CHARTS)  
APPROACH LIGHTING SYSTEM - UNITED STATES

Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, (A<sub>2</sub>), (V) etc.

A dot "●" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g., (A<sub>1</sub>). Negative symbology, e.g., (A<sub>1</sub>), (V) indicates Pilot Controlled Lighting (PCL).

(P) PRECISION APPROACH  
PATH INDICATOR

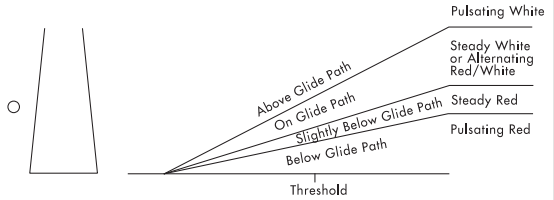
## PAPI



Legend: □ White ■ Red

(V<sub>2</sub>) 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.

(V<sub>1</sub>) "T"-VISUAL APPROACH  
SLOPE INDICATOR

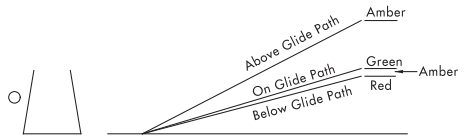
## "T"-VASI



"T" ON BOTH SIDES OF RWY  
ALL LIGHTS VARIABLE WHITE.  
CORRECT APPROACH SLOPE-  
ONLY CROSS BAR VISIBLE.  
UPRIGHT "T"- FLY UP.  
INVERTED "T"- FLY DOWN.  
RED "T"- GROSS  
UNDERSHOOT.

(V<sub>4</sub>) TRI-COLOR VISUAL APPROACH  
SLOPE INDICATOR

## TRCV

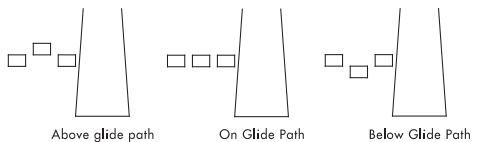


CAUTION: When the aircraft descends from green to red, the pilot may see a dark amber color during the transition from green to red.

(V<sub>5</sub>)

## 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.



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		



# INDEX

20030

K1

## INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
------	------	---------	------	------	---------

### AKRON, CO

#### COLORADO PLAINS RGNL(AKO)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... RNAV (GPS) RWY 11 .....	1
RNAV (GPS) RWY 29 .....	2
VOR RWY 29 .....	3

### ALAMOGORDO, NM

#### ALAMOGORDO-WHITE SANDS RGNL(ALM)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... RNAV (GPS) RWY 04 .....	4
VOR RWY 04 .....	5
DPS ..... CORONA TWO (OBSTACLE) .....	6

### ALAMOGORDO, NM

#### ---SEE HOLLOMAN AFB

### ALAMOGORDO-WHITE SANDS RGNL

#### ---SEE ALAMOGORDO, NM

### ALAMOSA, CO

#### SAN LUIS VALLEY RGNL/BERGMAN FIELD(ALS)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... ILS OR LOC RWY 02 .....	7
RNAV (GPS) RWY 02 .....	8
RNAV (GPS) RWY 20 .....	9
VOR/DME-B .....	10
VOR-A .....	11
AIRPORT DIAGRAM .....	12

### ALBUQUERQUE, NM

#### ALBUQUERQUE INTL SUNPORT(ABQ)

TAKEOFF MINIMUMS .....	L
DIVERSE VECTOR AREA .....	L
ALTERNATE MINIMUMS .....	M
RADAR MINIMUMS .....	N
HOT SPOT .....	P
STARS .... COLTR THREE (RNAV) .....	Z4
CURLY THREE .....	Z7
FRIHO FOUR .....	Z13
KRKEE THREE (RNAV) .....	Z23
LAVAN THREE .....	Z29
LOWBO THREE (RNAV) .....	Z31
LZZRD THREE (RNAV) .....	Z33
MIERA TWO .....	Z34
SNIDIA THREE (RNAV) .....	Z49
IAPS ..... ILS OR LOC RWY 03 .....	13
ILS OR LOC RWY 08 .....	14
RNAV (RNP) Y RWY 21 .....	15
RNAV (RNP) Y RWY 26 .....	16
RNAV (RNP) Z RWY 03 .....	17
RNAV (RNP) Z RWY 08 .....	18
RNAV (RNP) Z RWY 21 .....	19
RNAV (RNP) Z RWY 26 .....	20
RNAV (GPS) Y RWY 03 .....	21
RNAV (GPS) Y RWY 08 .....	22
VOR RWY 08 .....	23
AIRPORT DIAGRAM .....	24
DPS ..... ADYOS THREE (RNAV) .....	25
ALBUQUERQUE THREE .....	26
ATOMK THREE (RNAV) .....	27
BOSQE THREE (RNAV) .....	28
DOOKK THREE (RNAV) .....	29
FYSTA THREE (RNAV) .....	30
GRZZZ THREE (RNAV) .....	31
JEMEZ THREE (RNAV) .....	32
LARGO THREE .....	33
MNZNO THREE (RNAV) .....	34
RDRNR THREE (RNAV) .....	36

#### DOUBLE EAGLE II(AEG)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
STARS .... CURLY THREE .....	Z7
FRIHO FOUR .....	Z13
LAVAN THREE .....	Z29
MIERA TWO .....	Z34
IAPS ..... ILS OR LOC RWY 22 .....	37
RNAV (GPS) RWY 04 .....	38
RNAV (GPS) RWY 22 .....	39
AIRPORT DIAGRAM .....	40

#### KIRTLAND AFB(KABQ)

STARS .... CURLY THREE .....	Z7
FRIHO FOUR .....	Z13
LAVAN THREE .....	Z29
MIERA TWO .....	Z34

### ANGEL FIRE, NM

#### ANGEL FIRE(AXX)

TAKEOFF MINIMUMS .....	L
IAPS ..... RNAV (GPS) RWY 17 .....	41
DPS ..... ANEKE TWO (OBSTACLE) (RNAV) .....	42

# INDEX

20030

K1

SW1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



# INDEX

20030

K2

## INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
<b>ARTESIA, NM</b>			<b>BUCKLEY AFB(KBKF)</b>		
<b>ARTESIA MUNI(ATS)</b>			<b>AURORA, CO</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	STARS	DANDD ONE	Z8
IAPS	RNAV (GPS) RWY 13	43		DUNNN TWO (RNAV)	Z11
	RNAV (GPS) RWY 22	44		LANDR ONE	Z25
	RNAV (GPS) RWY 31	45		LARKS TWO	Z27
	NDB RWY 13	46		POWDR ONE	Z40
	NDB RWY 31	47		QUAIL ONE	Z44
<b>ASPEN, CO</b>				RAMMS EIGHT	Z45
<b>ASPEN PITKIN COUNTY-SARDY FIELD(ASE)</b>				SAYGE TWO	Z47
TAKEOFF MINIMUMS		L		TOMSN EIGHT	Z51
ALTERNATE MINIMUMS		M		ZOMBZ TWO (RNAV)	Z56
HOT SPOT		P	IAPS	ILS OR LOC/DME RWY 32	60
IAPS	RNAV (GPS)-F	48		RNAV (GPS) RWY 32	61
	LOC/DME-E	49		TACAN RWY 32	62
	VOR/DME-C	50	AIRPORT DIAGRAM		63
	ROARING FORK VISUAL RWY 15	51	DPS	BUCKLEY ONE	64
AIRPORT DIAGRAM		52		DENVER TWO	65
DPS	SARDD THREE (OBSTACLE)	53		PIKES TWO	67
	ASPEN SEVEN	54		PLAINS ONE	68
	LINDZ NINE	55		ROCKIES FOUR	70
	PITKN FOUR (RNAV)	57		YELLOWSTONE THREE	72
<b>ASTRONAUT KENT ROMINGER</b>			<b>BUENA VISTA, CO</b>		
<b>---SEE DEL NORTE, CO</b>			<b>CENTRAL COLORADO RGNL(AEJ)</b>		
<b>AURORA, CO</b>			TAKEOFF MINIMUMS		L
<b>---SEE BUCKLEY AFB</b>			IAPS	RNAV (GPS) RWY 33	74
<b>BELEN, NM</b>			DPS	PUEBLO ONE (OBSTACLE) (RNAV)	75
<b>BELEN RGNL(BRG)</b>			<b>BURLINGTON, CO</b>		
TAKEOFF MINIMUMS		L	<b>KIT CARSON COUNTY(ITR)</b>		
IAPS	RNAV (GPS) RWY 21	58	TAKEOFF MINIMUMS		L
	VOR-A	59	ALTERNATE MINIMUMS		M
<b>BLAKE FIELD</b>			IAPS	RNAV (GPS) RWY 15	76
<b>---SEE DELTA, CO</b>				LOC RWY 33	77
				NDB RWY 15	78
			<b>CANNON AFB(KCVS)</b>		
			<b>CLOVIS, NM</b>		
			TAKEOFF MINIMUMS		L
			IAPS	ILS OR LOC RWY 04	79
				ILS OR LOC RWY 13	80
				ILS OR LOC RWY 22	81
				ILS OR LOC RWY 31	82
				RNAV (GPS) RWY 04	83
				RNAV (GPS) RWY 13	84
				RNAV (GPS) RWY 22	85
				RNAV (GPS) RWY 31	86
				TACAN RWY 04	87
				TACAN RWY 13	88
				TACAN RWY 22	89
				TACAN RWY 31	90
			AIRPORT DIAGRAM		91
			<b>CANON CITY, CO</b>		
			<b>FREMONT COUNTY(1V6)</b>		
			TAKEOFF MINIMUMS		L
			IAPS	RNAV (GPS) RWY 29	92

# INDEX

20030

K2

SW1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



# INDEX

20030

K3

## INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
------	------	---------	------	------	---------

### CARLSBAD, NM

#### CAVERN CITY AIR TERMINAL(CNM)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... ILS RWY 03 .....	93
RNAV (GPS) RWY 03 .....	94
RNAV (GPS) RWY 14R .....	95
RNAV (GPS) RWY 21 .....	96
RNAV (GPS) RWY 32L .....	97
VOR RWY 32L .....	98

### CAVERN CITY AIR TERMINAL

---SEE CARLSBAD, NM

### CENTENNIAL

---SEE DENVER, CO

### CENTRAL COLORADO RGNL

---SEE BUENA VISTA, CO

### CITY OF COLORADO SPRINGS MUNI

---SEE COLORADO SPRINGS, CO

### CLAYTON, NM

#### CLAYTON MUNI AIRPARK(CAO)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... RNAV (GPS) RWY 02 .....	99
RNAV (GPS) RWY 20 .....	100

### CLOVIS, NM

#### CLOVIS MUNI(CVN)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... ILS OR LOC RWY 04 .....	101
RNAV (GPS) RWY 04 .....	102
RNAV (GPS) RWY 22 .....	103
RNAV (GPS) RWY 30 .....	104
VOR RWY 22 .....	105

### CLOVIS, NM

---SEE CANNON AFB

### COLORADO AIR AND SPACE PORT

---SEE DENVER, CO

### COLORADO PLAINS RGNL

---SEE AKRON, CO

### COLORADO SPRINGS, CO

#### CITY OF COLORADO SPRINGS MUNI(COS)

TAKEOFF MINIMUMS .....	L
DIVERSE VECTOR AREA .....	L
ALTERNATE MINIMUMS .....	M
LAHSO .....	O
HOT SPOT .....	P
STARS .... DEBERRY THREE .....	Z10
OZZY FOUR (RNAV) .....	Z37
IAPS ..... ILS OR LOC RWY 17L .....	106
ILS OR LOC RWY 35L .....	107
ILS OR LOC RWY 35R .....	108
ILS RWY 17L (SA CAT I - II) .....	109
ILS RWY 35L (SA CAT II) .....	110
RNAV (RNP) Z RWY 17L .....	111
RNAV (RNP) Z RWY 17R .....	112
RNAV (RNP) Z RWY 35L .....	113
RNAV (RNP) Z RWY 35R .....	114
RNAV (GPS) RWY 31 .....	115
RNAV (GPS) Y RWY 17L .....	116
RNAV (GPS) Y RWY 17R .....	117
RNAV (GPS) Y RWY 35L .....	118
RNAV (GPS) Y RWY 35R .....	119
NDB RWY 35L .....	120
AIRPORT DIAGRAM .....	121
DPS ..... SPRINGS SIX .....	122

### CORTEZ, CO

#### CORTEZ MUNI(CEZ)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... RNAV (GPS) RWY 03 .....	124
RNAV (GPS) Y RWY 21 .....	125
RNAV (GPS) Z RWY 21 .....	126
VOR RWY 21 .....	127
AIRPORT DIAGRAM .....	128
DPS ..... LEDVE ONE (OBSTACLE) .....	129
CORTEZ TWO .....	130

### CRAIG, CO

#### CRAIG-MOFFAT(CAG)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... RNAV (GPS) RWY 07 .....	131
RNAV (GPS) RWY 25 .....	132
VOR RWY 07 .....	133
VOR RWY 25 .....	134

### DEL NORTE, CO

#### ASTRONAUT KENT ROMINGER(RCV)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... RNAV (GPS) RWY 24 .....	135
DPS ..... HOMME ONE (OBSTACLE) (RNAV) .....	136

### DELTA, CO

#### BLAKE FIELD(AJZ)

TAKEOFF MINIMUMS .....	L
ALTERNATE MINIMUMS .....	M
IAPS ..... RNAV (GPS) RWY 03 .....	137

# INDEX

20030

K3

SW1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
------	------	---------	------	------	---------

DEMING, NM

<b>DEMING MUNI(DMN)</b>		
TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M	
IAPS .....		
RNAV (GPS) RWY 04 .....	138	
RNAV (GPS) RWY 08 .....	139	
RNAV (GPS) RWY 22 .....	140	
RNAV (GPS)-A .....	141	
VOR RWY 26 .....	142	

DENVER, CO

<b>CENTENNIAL(APA)</b>		
TAKEOFF MINIMUMS .....	L	
DIVERSE VECTOR AREA .....	L	
ALTERNATE MINIMUMS .....	M	
HOT SPOT .....	P	
STARS .....		
DANDD ONE .....	28	
DUNNN TWO (RNAV) .....	Z11	
LANDR ONE .....	Z25	
LARKS TWO .....	Z27	
POWDR ONE .....	Z40	
PUFFR FOUR (RNAV) .....	Z42	
QUAIL ONE .....	Z44	
RAMMS EIGHT .....	Z45	
SAYGE TWO .....	Z47	
TOMSN EIGHT .....	Z51	
ZOMBZ TWO (RNAV) .....	Z56	
IAPS .....		
ILS OR LOC RWY 35R .....	143	
RNAV (GPS) RWY 17L .....	144	
RNAV (GPS) RWY 28 .....	145	
RNAV (GPS) RWY 35R .....	146	
AIRPORT DIAGRAM .....	147	
DPS .....		
BAYLR FIVE (RNAV) .....	148	
BRYCC FIVE (RNAV) .....	149	
CONNR SIX (RNAV) .....	150	
COORZ FIVE (RNAV) .....	151	
DENVER TWO .....	152	
EEONS SEVEN (RNAV) .....	154	
EMMYS SEVEN (RNAV) .....	155	
EPKEE SIX (RNAV) .....	156	
EXTAN SIX (RNAV) .....	157	
FOOOT FIVE (RNAV) .....	158	
PIKES TWO .....	159	
PLAINS ONE .....	161	
RIKKK FIVE (RNAV) .....	163	
ROCKIES FOUR .....	164	
SOLAR FIVE (RNAV) .....	166	
SPAZZ FIVE (RNAV) .....	167	
STAKR FIVE (RNAV) .....	168	
YAMMI FIVE (RNAV) .....	169	
YELLOWSTONE THREE .....	170	
YOKES SEVEN (RNAV) .....	172	

DENVER, CO(CON'T)

<b>COLORADO AIR AND SPACE PORT(CFO)</b>		
TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M	
STARS .....		
DANDD ONE .....	Z28	
LANDR ONE .....	Z25	
LARKS TWO .....	Z27	
POWDR ONE .....	Z40	
QUAIL ONE .....	Z44	
RAMMS EIGHT .....	Z45	
SAYGE TWO .....	Z47	
TOMSN EIGHT .....	Z51	
TSHNR FOUR (RNAV) .....	Z53	
ZOMBZ TWO (RNAV) .....	Z56	
IAPS .....		
ILS OR LOC RWY 17 .....	173	
ILS OR LOC RWY 26 .....	174	
ILS OR LOC RWY 35 .....	175	
RNAV (GPS) RWY 17 .....	176	
RNAV (GPS) RWY 26 .....	177	
RNAV (GPS) RWY 35 .....	178	
AIRPORT DIAGRAM .....	179	
DPS .....		
BAYLR FIVE (RNAV) .....	180	
BRYCC FIVE (RNAV) .....	181	
CONNR SIX (RNAV) .....	182	
COORZ FIVE (RNAV) .....	183	
DENVER TWO .....	184	
EEONS SEVEN (RNAV) .....	186	
EMMYS SEVEN (RNAV) .....	187	
EPKEE SIX (RNAV) .....	188	
EXTAN SIX (RNAV) .....	189	
FOOOT FIVE (RNAV) .....	190	
PIKES TWO .....	191	
PLAINS ONE .....	192	
RIKKK FIVE (RNAV) .....	194	
ROCKIES FOUR .....	195	
SOLAR FIVE (RNAV) .....	197	
SPAZZ FIVE (RNAV) .....	198	
STAKR FIVE (RNAV) .....	199	
YAMMI FIVE (RNAV) .....	200	
YELLOWSTONE THREE .....	201	
YOKES SEVEN (RNAV) .....	203	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
------	------	---------	------	------	---------

DENVER, CO (CON'T)

<b>DENVER INTL(DEN)</b>	
TAKEOFF MINIMUMS .....	L
HOT SPOT .....	P
STARS .....	
ANCHR FOUR (RNAV) .....	Z1
BOSSS TWO (RNAV) .....	Z3
CREDE THREE (RNAV) .....	Z5
DANDD ONE .....	Z8
FRNCH THREE (RNAV) .....	Z14
JAGGR THREE (RNAV) .....	Z16
KAILE TWO (RNAV) .....	Z18
KIPPR FIVE (RNAV) .....	Z19
KOHOE THREE (RNAV) .....	Z21
LANDR ONE .....	Z25
LARKS TWO .....	Z27
LDORA TWO (RNAV) .....	Z30
MOLTN THREE (RNAV) .....	Z35
PEEKK THREE (RNAV) .....	Z38
POWDR ONE .....	Z40
PURRL TWO (RNAV) .....	Z43
QUAIL ONE .....	Z44
RAMMS EIGHT .....	Z45
SAYGE TWO .....	Z47
TELLR TWO (RNAV) .....	Z50
TOMSN EIGHT .....	Z51
TSHNR FOUR (RNAV) .....	Z53
WAHUU TWO (RNAV) .....	Z54
ZPLYN THREE (RNAV) .....	Z58

DENVER, CO(CON'T)

<b>DENVER INTL(DEN)(CON'T)</b>	
IAPS .....	204
ILS OR LOC RWY 07 .....	205
ILS OR LOC RWY 08 .....	206
ILS OR LOC RWY 16L .....	207
ILS OR LOC RWY 16R .....	208
ILS OR LOC RWY 17L .....	209
ILS OR LOC RWY 17R .....	210
ILS OR LOC RWY 25 .....	211
ILS OR LOC RWY 26 .....	212
ILS OR LOC RWY 34L .....	213
ILS OR LOC RWY 34R .....	214
ILS OR LOC RWY 35L .....	215
ILS OR LOC RWY 35R .....	216
ILS RWY 34L (SA CAT I) .....	217
ILS RWY 34R (SA CAT I) .....	218
ILS RWY 35L (SA CAT I) .....	219
ILS RWY 35R (SA CAT I) .....	220
ILS RWY 34L (CAT II - III) .....	221
ILS RWY 34R (CAT II - III) .....	222
ILS RWY 35L (CAT II - III) .....	223
ILS RWY 35R (CAT II - III) .....	224
RNAV (RNP) Z RWY 07 .....	225
RNAV (RNP) Z RWY 08 .....	226
RNAV (RNP) Z RWY 16L .....	227
RNAV (RNP) Z RWY 16R .....	228
RNAV (RNP) Z RWY 17L .....	229
RNAV (RNP) Z RWY 17R .....	230
RNAV (RNP) Z RWY 25 .....	231
RNAV (RNP) Z RWY 26 .....	232
RNAV (RNP) Z RWY 34L .....	233
RNAV (RNP) Z RWY 34R .....	234
RNAV (RNP) Z RWY 35L .....	235
RNAV (RNP) Z RWY 35R .....	236
RNAV (GPS) Y RWY 07 .....	237
RNAV (GPS) Y RWY 08 .....	238
RNAV (GPS) Y RWY 16L .....	239
RNAV (GPS) Y RWY 16R .....	240
RNAV (GPS) Y RWY 17L .....	241
RNAV (GPS) Y RWY 17R .....	242
RNAV (GPS) Y RWY 25 .....	243
RNAV (GPS) Y RWY 26 .....	244
RNAV (GPS) Y RWY 34L .....	245
RNAV (GPS) Y RWY 34R .....	246
RNAV (GPS) Y RWY 35L .....	247
RNAV (GPS) Y RWY 35R .....	248
AIRPORT DIAGRAM .....	249
DPS .....	
BAYLR FIVE (RNAV) .....	251
BRYCC FIVE (RNAV) .....	253
CONNR SIX (RNAV) .....	255
COORZ FIVE (RNAV) .....	257
DENVER TWO .....	259
EEONS SEVEN (RNAV) .....	261
EMMYS SEVEN (RNAV) .....	263
EPKEE SIX (RNAV) .....	265
EXTAN SIX (RNAV) .....	267
FOOOT FIVE (RNAV) .....	269
PIKES TWO .....	271
PLAINS ONE .....	273
RIKKK FIVE (RNAV) .....	275
ROCKIES FOUR .....	277
SOLAR FIVE (RNAV) .....	279
SPAZZ FIVE (RNAV) .....	281
STAKR FIVE (RNAV) .....	283
YAMMI FIVE (RNAV) .....	285
YELLOWSTONE THREE .....	287
YOKES SEVEN (RNAV) .....	



INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
------	------	---------	------	------	---------

**DENVER, CO (CN'T)**  
**ROCKY MOUNTAIN METROPOLITAN(BJC)**  
TAKEOFF MINIMUMS .....L  
DIVERSE VECTOR AREA .....L  
ALTERNATE MINIMUMS .....M  
HOT SPOT .....P  
STARS .....  
DANDD ONE .....Z8  
DUNNN TWO (RNAV) .....Z11  
KIPPR FIVE (RNAV) .....Z19  
LANDR ONE .....Z25  
LARKS TWO .....Z27  
POWDR ONE .....Z40  
QUAIL ONE .....Z44  
RAMMS EIGHT .....Z45  
SAYGE TWO .....Z47  
TOMSN EIGHT .....Z51  
IAPS .....  
ILS OR LOC RWY 30R .....289  
RNAV (GPS) RWY 12L .....290  
RNAV (GPS) RWY 30L .....291  
RNAV (GPS) RWY 30R .....292  
VORDME RWY 30L/R .....293  
AIRPORT DIAGRAM .....294  
DPS .....  
BAYLR FIVE (RNAV) .....295  
BRYCC FIVE (RNAV) .....296  
CONNR SIX (RNAV) .....297  
COORZ FIVE (RNAV) .....298  
DENVER TWO .....299  
EEONS SEVEN (RNAV) .....301  
EMMYS SEVEN (RNAV) .....302  
EPKEE SIX (RNAV) .....303  
EXTAN SIX (RNAV) .....304  
FOOOT FIVE (RNAV) .....305  
PIKES TWO .....306  
PLAINS ONE .....308  
RIKKK FIVE (RNAV) .....310  
ROCKIES FOUR .....311  
SOLAR FIVE (RNAV) .....313  
SPAZZ FIVE (RNAV) .....314  
STAKR FIVE (RNAV) .....315  
YAMMI FIVE (RNAV) .....316  
YELLOWSTONE THREE .....317  
YOKES SEVEN (RNAV) .....319

**DONA ANA COUNTY INTL JETPORT**  
**---SEE SANTA TERESA, NM**

**DOUBLE EAGLE II**  
**---SEE ALBUQUERQUE, NM**

**DURANGO, CO**  
**DURANGO-LA PLATA COUNTY(DRO)**  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS .....  
ILS OR LOC/DME RWY 03 .....320  
RNAV (GPS) RWY 03 .....321  
RNAV (GPS) RWY 21 .....322

**EAGLE, CO**  
**EAGLE COUNTY RGNL(EGE)**  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
HOT SPOT .....P  
IAPS .....  
RNAV (GPS)-D .....323  
LDA RWY 25 .....324  
AIRPORT DIAGRAM .....325  
DPS .....  
BEVVR ONE (RNAV) .....326  
GYPSUM SIX .....327  
MEEKER THREE .....328

**ERIE, CO**  
**ERIE MUNI(EIK)**  
TAKEOFF MINIMUMS .....L  
IAPS .....  
VOR/DME OR GPS-A .....329

**FARMINGTON, NM**  
**FOUR CORNERS RGNL(FMN)**  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS .....  
ILS OR LOC RWY 25 .....330  
RNAV (GPS) RWY 05 .....331  
RNAV (GPS) RWY 07 .....332  
RNAV (GPS) RWY 23 .....333  
RNAV (GPS) RWY 25 .....334  
VOR/DME RWY 05 .....335  
VOR/DME RWY 07 .....336  
AIRPORT DIAGRAM .....337  
DPS .....  
CHACO ONE .....338  
PLATA ONE .....339

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
------	------	---------	------	------	---------

**FORT COLLINS/LOVELAND, CO**  
**NORTHERN COLORADO RGNL(FNL)**  
TAKEOFF MINIMUMS .....L  
DIVERSE VECTOR AREA .....L  
ALTERNATE MINIMUMS .....M  
STARS .....DANDD ONE .....Z8  
KIPPR FIVE (RNAV) .....Z19  
LANDR ONE .....Z25  
LARKS TWO .....Z27  
POWDR ONE .....Z40  
QUAIL ONE .....Z44  
RAMMS EIGHT .....Z45  
SAYGE TWO .....Z47  
TOMSN EIGHT .....Z51  
TSHNR FOUR (RNAV) .....Z53  
IAPS .....ILS OR LOC RWY 33 .....340  
RNAV (GPS) RWY 15 .....341  
RNAV (GPS) RWY 33 .....342  
VOR-A .....343  
AIRPORT DIAGRAM .....344  
DPS .....BAYLR FIVE (RNAV) .....345  
BRYCC FIVE (RNAV) .....346  
CONNR SIX (RNAV) .....347  
COORZ FIVE (RNAV) .....348  
DENVER TWO .....349  
EEONS SEVEN (RNAV) .....351  
EMMYS SEVEN (RNAV) .....352  
EPKEE SIX (RNAV) .....353  
EXTAN SIX (RNAV) .....354  
FOOOT FIVE (RNAV) .....355  
PIKES TWO .....356  
PLAINS ONE .....357  
RIKKK FIVE (RNAV) .....359  
ROCKIES FOUR .....360  
SOLAR FIVE (RNAV) .....362  
SPAZZ FIVE (RNAV) .....363  
STAKR FIVE (RNAV) .....364  
YAMMI FIVE (RNAV) .....365  
YELLOWSTONE THREE .....366  
YOKES SEVEN (RNAV) .....368

**GALLUP, NM**  
**GALLUP MUNI(GUP)**  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS .....RNAV (GPS) RWY 06 .....371  
RNAV (GPS) RWY 24 .....372  
LOC RWY 06 .....373  
VOR RWY 06 .....374  
**GRAND JUNCTION, CO**  
**GRAND JUNCTION RGNL(GJT)**  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
HOT SPOT .....P  
IAPS .....ILS OR LOC RWY 11 .....375  
RNAV (RNP) Z RWY 11 .....376  
RNAV (GPS) RWY 29 .....377  
RNAV (GPS) Y RWY 11 .....378  
LDA/DME RWY 29 .....379  
AIRPORT DIAGRAM .....380  
DPS .....MONUMENT TWO (OBSTACLE) .....381  
GRAND JUNCTION SEVEN .....382  
GRAND MESA ONE .....383  
NOKXI ONE (RNAV) .....385  
RHONE TWO (RNAV) .....386

**GRANT COUNTY**  
**---SEE SILVER CITY, NM**

**GRANTS, NM**  
**GRANTS-MILAN MUNI(GNT)**  
TAKEOFF MINIMUMS .....L  
IAPS .....RNAV (GPS) RWY 13 .....387  
RNAV (GPS) RWY 31 .....388

**FORT MORGAN, CO**  
**FORT MORGAN MUNI(FMM)**  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS .....RNAV (GPS) RWY 14 .....369  
RNAV (GPS) RWY 32 .....370

**FOUR CORNERS RGNL**  
**---SEE FARMINGTON, NM**

**FREMONT COUNTY**  
**---SEE CANON CITY, CO**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



# INDEX

20030

K8

## INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG	
<b>GREELEY, CO</b>						
<b>GREELEY-WELD COUNTY(GXY)</b>						
TAKEOFF MINIMUMS		L	<b>HOLLOMAN AFB(KHMN)</b>			
DIVERSE VECTOR AREA		L	<b>ALAMOGORDO, NM</b>			
ALTERNATE MINIMUMS		M	TAKEOFF MINIMUMS		L	
STARS	DANDD ONE	Z8	HOT SPOT		P	
	KIPPR FIVE (RNAV)	Z19	IAPS	ILS OR LOC X RWY 16	422	
	LANDR ONE	Z25		RNAV (GPS) RWY 16	423	
	LARKS TWO	Z27		RNAV (GPS) RWY 34	424	
	POWDR ONE	Z40	AIRPORT DIAGRAM		425	
	QUAIL ONE	Z44	DPS	CLOUD ALPHA FOUR	426	
	RAMMS EIGHT	Z45		CLOUD BRAVO FOUR (RNAV)	427	
	SAYGE TWO	Z47		IZZYY ONE (RNAV)	428	
	TOMSN EIGHT	Z51		ZOVOS ONE	429	
	TSHNR FOUR (RNAV)	Z53	<b>HOLYOKE, CO</b>			
IAPS	ILS OR LOC RWY 35	389	<b>HOLYOKE(HEQ)</b>			
	RNAV (GPS) RWY 10	390	TAKEOFF MINIMUMS		L	
	RNAV (GPS) RWY 17	391	IAPS	RNAV (GPS) RWY 14	430	
	RNAV (GPS) RWY 28	392		RNAV (GPS) RWY 32	431	
	RNAV (GPS) RWY 35	393	DPS	HOLYOKE FOUR (RNAV)	432	
	VOR-A	394	<b>HOPKINS FIELD</b>			
AIRPORT DIAGRAM		395	<b>---SEE NUCLA, CO</b>			
DPS	DENVER TWO	396	<b>JAL, NM</b>			
	PIKES TWO	398	<b>LEA COUNTY/JAL(E26)</b>			
	PLAINS ONE	399	AIRPORT DIAGRAM		433	
	ROCKIES FOUR	401	<b>KIRTLAND AFB</b>			
	YELLOWSTONE THREE	403	<b>---SEE ALBUQUERQUE, NM</b>			
<b>GUNNISON, CO</b>						
<b>GUNNISON-CRESTED BUTTE RGNL(GUC)</b>						
TAKEOFF MINIMUMS		L	<b>KIT CARSON COUNTY</b>			
ALTERNATE MINIMUMS		M	<b>---SEE BURLINGTON, CO</b>			
IAPS	ILS OR LOC RWY 06	405	<b>KREMMLING, CO</b>			
	RNAV (RNP) RWY 06	406	<b>MC ELROY AIRFIELD(20V)</b>			
	RNAV (RNP) RWY 24	407	TAKEOFF MINIMUMS		L	
	GPS-B	408	ALTERNATE MINIMUMS		M	
	VOR OR GPS-A	409	IAPS	RNAV (GPS) RWY 27	434	
<b>HAYDEN, CO</b>						
<b>YAMPA VALLEY(HDN)</b>						
TAKEOFF MINIMUMS		L		RNAV (GPS)-B	435	
ALTERNATE MINIMUMS		M		VOR/DME-A	436	
IAPS	ILS OR LOC/DME RWY 10	410	<b>LA JUNTA, CO</b>			
	RNAV (RNP) Z RWY 10	411	<b>LA JUNTA MUNI(LHX)</b>			
	RNAV (GPS) RWY 28	412	TAKEOFF MINIMUMS		L	
	RNAV (GPS) Y RWY 10	413	ALTERNATE MINIMUMS		M	
	VOR/DME-B	414	IAPS	RNAV (GPS) RWY 08	437	
<b>HOBBS, NM</b>						
<b>LEA COUNTY RGNL(HOB)</b>						
TAKEOFF MINIMUMS		L		RNAV (GPS) RWY 26	438	
ALTERNATE MINIMUMS		M	<b>LAKE COUNTY</b>			
IAPS	ILS OR LOC RWY 03	415	<b>---SEE LEADVILLE, CO</b>			
	RNAV (GPS) RWY 03	416				
	RNAV (GPS) RWY 21	417				
	RNAV (GPS) RWY 30	418				
	LOC BC RWY 21	419				
	VOR OR TACAN RWY 21	420				
AIRPORT DIAGRAM		421				

# INDEX

20030

K8

SW1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



# INDEX

20030

K9

## INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
------	------	---------	------	------	---------

### LAMAR, CO

#### LAMAR MUNI(LAA)

TAKEOFF MINIMUMS	.....L
ALTERNATE MINIMUMS	.....M
IAPS	RNAV (GPS) RWY 08 .....439
	RNAV (GPS) RWY 18 .....440
	RNAV (GPS) RWY 26 .....441
	RNAV (GPS) RWY 36 .....442
	VOR/DME RWY 36 .....443
	VOR RWY 18 .....444

### LAS CRUCES, NM

#### LAS CRUCES INTL(LRU)

TAKEOFF MINIMUMS	.....L
ALTERNATE MINIMUMS	.....M
IAPS	ILS OR LOC RWY 30 .....445
	RNAV (GPS) RWY 12 .....446
	RNAV (GPS) RWY 30 .....447

### LAS VEGAS, NM

#### LAS VEGAS MUNI(LVS)

TAKEOFF MINIMUMS	.....L
ALTERNATE MINIMUMS	.....M
IAPS	RNAV (GPS) RWY 02 .....448
	RNAV (GPS) RWY 20 .....449
	RNAV (GPS) RWY 32 .....450
	VOR RWY 20 .....451

### LEA COUNTY RGNL

---SEE HOBBS, NM

### LEA COUNTY/JAL

---SEE JAL, NM

### LEA COUNTY-ZIP FRANKLIN MEMORIAL

---SEE LOVINGTON, NM

### LEADVILLE, CO

#### LAKE COUNTY(LXV)

TAKEOFF MINIMUMS	.....L
ALTERNATE MINIMUMS	.....M
IAPS	RNAV (GPS) RWY 16 .....452
DPS	DAVVY TWO (OBSTACLE) (RNAV) .....453
	LOZUL FOUR (OBSTACLE) (RNAV) .....454

### LONGMONT, CO

#### VANCE BRAND(LMO)

TAKEOFF MINIMUMS	.....L
ALTERNATE MINIMUMS	.....M
IAPS	RNAV (GPS) RWY 29 .....455
	RNAV (GPS)-B .....456
	VOR/DME-A .....457

### LOS ALAMOS, NM

#### LOS ALAMOS(LAM)

TAKEOFF MINIMUMS	.....L
ALTERNATE MINIMUMS	.....M
IAPS	RNAV (GPS) Y RWY 27 .....458
	RNAV (GPS) Z RWY 27 .....459

### LOVINGTON, NM

#### LEA COUNTY-ZIP FRANKLIN MEMORIAL(E06)

TAKEOFF MINIMUMS	.....L
IAPS	RNAV (GPS) RWY 03 .....460
	RNAV (GPS) RWY 21 .....461
AIRPORT DIAGRAM	.....462

### MC ELROY AIRFIELD

---SEE KREMMLING, CO

### MEEKER, CO

#### MEEKER COULTER FIELD(EEO)

TAKEOFF MINIMUMS	.....L
ALTERNATE MINIMUMS	.....M
IAPS	RNAV (GPS) RWY 03 .....463
	RNAV (GPS)-B .....464
	VOR-A .....465

### MONTE VISTA, CO

#### MONTE VISTA MUNI(MVI)

TAKEOFF MINIMUMS	.....L
IAPS	RNAV (GPS) RWY 20 .....466
	RNAV (GPS)-B .....467
	VOR/DME-A .....468

### MONTROSE, CO

#### MONTROSE RGNL(MTJ)

TAKEOFF MINIMUMS	.....L
ALTERNATE MINIMUMS	.....M
IAPS	ILS OR LOC RWY 17 .....469
	RNAV (GPS) RWY 13 .....470
	RNAV (GPS) RWY 17 .....471
	RNAV (GPS) RWY 35 .....472
	VOR RWY 13 .....473
AIRPORT DIAGRAM	.....474
DPS	MONTROSE TWO (OBSTACLE) .....475
	BLUE MESA THREE .....476
	BRICK FOUR .....477

### MORIARTY, NM

#### MORIARTY MUNI(0E0)

TAKEOFF MINIMUMS	.....L
IAPS	RNAV (GPS) RWY 08 .....478
	RNAV (GPS) RWY 26 .....479

### NORTHERN COLORADO RGNL

---SEE FORT COLLINS/LOVELAND, CO

### NUCLA, CO

#### HOPKINS FIELD(AIB)

TAKEOFF MINIMUMS	.....L
IAPS	RNAV (GPS)-A .....480
DPS	NUCLA ONE (OBSTACLE) (RNAV) .....481

### PAGOSA SPRINGS, CO

#### STEVENS FIELD(PSO)

TAKEOFF MINIMUMS	.....L
ALTERNATE MINIMUMS	.....M
IAPS	RNAV (GPS) RWY 01 .....482

# INDEX

20030

K9

SW1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



INDEX

20030

K10

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG NAME PROC SECT PG

PERRY STOKES  
---SEE TRINIDAD, CO

PORTALES, NM  
PORTALES MUNI(PRZ)  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS ..... RNAV (GPS) RWY 01 .....483

PUEBLO, CO  
PUEBLO MEMORIAL(PUB)  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
LAHSO .....O  
IAPS ..... ILS OR LOC RWY 08R .....484  
ILS OR LOC RWY 26L .....485  
RNAV (GPS) RWY 08R .....486  
RNAV (GPS) RWY 17 .....487  
RNAV (GPS) RWY 26L .....488  
RNAV (GPS) RWY 35 .....489  
VOR RWY 26L .....490  
AIRPORT DIAGRAM .....491  
DPS ..... CANYON FOUR .....492

RANGELY, CO  
RANGELY(4V0)  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS ..... RNAV (GPS) RWY 07 .....494  
RNAV (GPS) RWY 25 .....495  
DPS ..... ELIZZ ONE (OBSTACLE) (RNAV) .....496

RATON, NM  
RATON MUNI/CREWS FIELD(RTN)  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS ..... RNAV (GPS) RWY 02 .....497  
RNAV (GPS) RWY 25 .....498  
VOR/DME RWY 02 .....499

RIFLE, CO  
RIFLE GARFIELD COUNTY(RIL)  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS ..... ILS RWY 26 .....500  
RNAV (RNP) Y RWY 26 .....501  
RNAV (RNP) Z RWY 08 .....502  
RNAV (RNP) Z RWY 26 .....503  
RNAV (GPS) W RWY 26 .....504  
RNAV (GPS) X RWY 26 .....505  
RNAV (GPS) Y RWY 08 .....506  
LOC/DME-A .....507  
VOR/DME-C .....508  
DPS ..... SQUAT FOUR (OBSTACLE) (RNAV) .....509  
EDUKY FIVE (RNAV) .....510  
UYRIG FIVE (RNAV) .....511

ROCKY MOUNTAIN METROPOLITAN  
---SEE DENVER, CO

INDEX

20030

ROSWELL, NM  
ROSWELL INTL AIR CENTER(ROW)  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
RADAR MINIMUMS .....N  
HOT SPOT .....P  
IAPS ..... ILS OR LOC RWY 21 .....512  
RNAV (GPS) RWY 03 .....513  
RNAV (GPS) RWY 17 .....514  
RNAV (GPS) RWY 21 .....515  
RNAV (GPS) RWY 35 .....516  
LOC BC RWY 03 .....517  
VOR-B .....518  
AIRPORT DIAGRAM .....519

RUIDOSO, NM  
SIERRA BLANCA REGIONAL(SRR)  
TAKEOFF MINIMUMS .....L  
IAPS ..... ILS OR LOC/DME RWY 24 .....520  
RNAV (GPS) RWY 24 .....521  
DPS ..... CAPITAN ONE (OBSTACLE) .....522

SALIDA, CO  
SALIDA AIRPORT HARRIETT ALEXANDER FIELD  
(ANK)  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS ..... RNAV (GPS)-A .....523  
DPS ..... RONBE TWO (RNAV) .....524

SAN LUIS VALLEY RGNL/BERGMAN FIELD  
---SEE ALAMOSA, CO

SANTA FE, NM  
SANTA FE MUNI(SAF)  
TAKEOFF MINIMUMS .....L  
ALTERNATE MINIMUMS .....M  
IAPS ..... ILS OR LOC RWY 02 .....525  
RNAV (GPS) RWY 02 .....526  
RNAV (GPS) RWY 15 .....527  
RNAV (GPS) RWY 20 .....528  
RNAV (GPS) RWY 28 .....529  
RNAV (GPS) RWY 33 .....530  
VOR/DME-A .....531  
VOR RWY 33 .....532  
AIRPORT DIAGRAM .....533  
DPS ..... POAKE TWO .....534  
TAFOY TWO .....535  
ZIASE FOUR .....536

SANTA TERESA, NM  
DONA ANA COUNTY INTL JETPORT(DNA)  
TAKEOFF MINIMUMS .....L  
IAPS ..... RNAV (GPS) RWY 10 .....537

SIERRA BLANCA REGIONAL  
---SEE RUIDOSO, NM

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



# INDEX

20030

K11

## INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
<b>SILVER CITY, NM</b>			<b>TRINIDAD, CO</b>		
<b>GRANT COUNTY(SVC)</b>			<b>PERRY STOKES(TAD)</b>		
TAKEOFF MINIMUMS .....	L		TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M		ALTERNATE MINIMUMS .....	M	
IAPS ..... RNAV (GPS) RWY 08 .....	538		IAPS ..... RNAV (GPS) RWY 03 .....	558	
RNAV (GPS) RWY 26 .....	539		RNAV (GPS) RWY 21 .....	559	
LOC/DME RWY 26 .....	540		DPS ..... TRINIDAD ONE (OBSTACLE) (RNAV) .....	560	
VOR-A .....	541				
DPS ..... SILVER CITY TWO (OBSTACLE) .....	542				
<b>SOCORRO, NM</b>			<b>TRUTH OR CONSEQUENCES, NM</b>		
<b>SOCORRO MUNI(ONM)</b>			<b>TRUTH OR CONSEQUENCES MUNI(TCS)</b>		
TAKEOFF MINIMUMS .....	L		TAKEOFF MINIMUMS .....	L	
IAPS ..... RNAV (GPS) RWY 33 .....	543		ALTERNATE MINIMUMS .....	M	
VOR/DME-A .....	544		IAPS ..... RNAV (GPS)-A .....	561	
			VOR-A .....	562	
<b>SPANISH PEAKS AIRFIELD</b>			<b>TUCUMCARI, NM</b>		
<b>---SEE WALSENBURG, CO</b>			<b>TUCUMCARI MUNI(TCC)</b>		
<b>SPRINGFIELD, CO</b>			TAKEOFF MINIMUMS .....	L	
<b>SPRINGFIELD MUNI(8V7)</b>			IAPS ..... RNAV (GPS) RWY 03 .....	563	
TAKEOFF MINIMUMS .....	L		RNAV (GPS) RWY 21 .....	564	
IAPS ..... RNAV (GPS) RWY 17 .....	545		RNAV (GPS) RWY 26 .....	565	
<b>STEAMBOAT SPRINGS, CO</b>			VOR RWY 21 .....	566	
<b>STEAMBOAT SPRINGS/BOB ADAMS FIELD(SBS)</b>			VOR RWY 26 .....	567	
TAKEOFF MINIMUMS .....	L				
IAPS ..... RNAV (GPS)-E .....	546				
VOR/DME-C .....	547				
<b>STERLING, CO</b>			<b>VANCE BRAND</b>		
<b>STERLING MUNI(STK)</b>			<b>---SEE LONGMONT, CO</b>		
TAKEOFF MINIMUMS .....	L		<b>WALDEN, CO</b>		
ALTERNATE MINIMUMS .....	M		<b>WALDEN-JACKSON COUNTY(33V)</b>		
IAPS ..... RNAV (GPS) RWY 15 .....	548		TAKEOFF MINIMUMS .....	L	
RNAV (GPS) RWY 33 .....	549		IAPS ..... RNAV (GPS) RWY 04 .....	568	
			RNAV (GPS)-A .....	569	
			DPS ..... WALRU ONE (OBSTACLE) (RNAV) .....	570	
<b>STEVENS FIELD</b>			<b>WALDEN-JACKSON COUNTY</b>		
<b>---SEE PAGOSA SPRINGS, CO</b>			<b>---SEE WALDEN, CO</b>		
<b>TAOS, NM</b>			<b>WALSENBURG, CO</b>		
<b>TAOS REGIONAL(SKX)</b>			<b>SPANISH PEAKS AIRFIELD(4V1)</b>		
TAKEOFF MINIMUMS .....	L		TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M		IAPS ..... RNAV (GPS) RWY 09 .....	571	
IAPS ..... RNAV (GPS) RWY 04 .....	550		RNAV (GPS) RWY 27 .....	572	
RNAV (GPS) RWY 13 .....	551		DPS ..... GOSIP ONE (OBSTACLE) (RNAV) .....	573	
VOR/DME-B .....	552				
<b>TELLURIDE, CO</b>			<b>WRAY, CO</b>		
<b>TELLURIDE RGNL(TEX)</b>			<b>WRAY MUNI(2V5)</b>		
TAKEOFF MINIMUMS .....	L		TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M		ALTERNATE MINIMUMS .....	M	
IAPS ..... RNAV (GPS) Y RWY 09 .....	553		IAPS ..... RNAV (GPS) RWY 17 .....	574	
RNAV (GPS) Z RWY 09 .....	554		RNAV (GPS) RWY 35 .....	575	
LOC RWY 09 .....	555				
VOR/DME-A .....	556				
AIRPORT DIAGRAM .....	557				
			<b>YAMPA VALLEY</b>		
			<b>---SEE HAYDEN, CO</b>		
			<b>YUMA, CO</b>		
			<b>YUMA MUNI(2V6)</b>		
			TAKEOFF MINIMUMS .....	L	
			IAPS ..... RNAV (GPS) RWY 16 .....	576	
			RNAV (GPS) RWY 34 .....	577	

# INDEX

20030

K11

SW1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





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

INSTRUMENT APPROACH PROCEDURE CHARTS



## 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.

#### NAME TAKEOFF MINIMUMS

#### NAME TAKEOFF MINIMUMS

##### AKRON, CO

COLORADO PLAINS RGNL (AKO)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 09127 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 11**, rod on obstruction light on anemometer 314' from DER, 525' left of centerline, 26' AGL/4695' MSL. Lights on hangers 412' from DER, 301' left of centerline, 18' AGL/4687' MSL. **Rwy 29**, vehicles on roadway beginning 971' from DER, 315' left of centerline, 15' AGL/4741' MSL. Trees beginning 1651' from DER, 528' left of centerline, up to 100' AGL/4839' MSL.

##### ALAMOGORDO, NM

ALAMOGORDO-WHITE SANDS RGNL  
(ALM)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 17005 (FAA)  
TAKEOFF MINIMUMS: **Rwy 17, 35**, NA-Environmental.  
**Rwy 22**, NA-Airspace.  
DEPARTURE PROCEDURE: **Rwy 4**: Use CORONA  
DEPARTURE.

##### ALAMOSA, CO

SAN LUIS VALLEY RGNL-BERGMAN  
FIELD (ALS)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 4B 14037 (FAA)

TAKEOFF MINIMUMS: **Rwys 6, 24**, NA.  
DEPARTURE PROCEDURE: **Rwy 2**, climbing right turn, thence...

**Rwy 20**, climbing left turn, thence...  
...direct ALS VORTAC. Continue climb in ALS VORTAC holding pattern (SE, right turns, 301° inbound) to depart ALS VORTAC at airway MEA/MCA, all others climb to 16000.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, trees beginning 1070' to 2560' from DER, 197' to 702' left of centerline, 42' up to 72' AGL/7577' up to 7607' MSL.



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

L1



SW-1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





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



## ALBUQUERQUE, NM

ALBUQUERQUE INTL SUNPORT (ABQ)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 7 14149 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, std. w/min. climb of 515' per NM to 7800.

DEPARTURE PROCEDURE: **Rwys 3, 30**, climbing left turn direct ABQ VORTAC. If required, continue climb in ABQ VORTAC holding pattern (hold W, left turns, 077° inbound) to cross ABQ VORTAC at or above MEA/MCA for route of flight. **Rwy 8**, climbing right turn direct ABQ VORTAC. If required, continue climb in ABQ VORTAC holding pattern (hold W, left turns, 077° inbound) to cross ABQ VORTAC at or above MEA/MCA for route of flight. (Do not exceed 250 KTS until ABQ VORTAC). **Rwys 12, 21**, climbing right turn direct ABQ VORTAC. If required, continue climb in ABQ VORTAC holding pattern (hold W, left turns, 077° inbound) to cross ABQ VORTAC at or above MEA/MCA for route of flight. **Rwy 26**, climb direct ABQ VORTAC. If required, continue climb in ABQ VORTAC holding pattern. (Hold W, left turns, 077° inbound) to cross ABQ VORTAC at or above MEA/MCA for route of flight.

TAKEOFF OBSTACLE NOTES: **Rwy 3**, tank 4961' from DER, 1708' left of centerline, 150' AGL/5466' MSL. Water tower 4984' from DER, 1713' left of centerline, 156' AGL/5468' MSL. **Rwy 12**, electrical equipment 36' from DER, 214' right of centerline, 16' AGL/5315' MSL. **Rwy 21**, terrain beginning 159' from DER, 77' right of centerline, up to 5315' MSL. Terrain beginning 199' from DER, 100' left of centerline, up to 5311' MSL. **Rwy 26**, sign 38' from DER, 431' left of centerline, 14' AGL/5314' MSL. **Rwy 30**, sign 48' from DER, 178' right of centerline, 15' AGL/5315' MSL. Vehicle on road 229' from DER, 546' left of centerline, 19' AGL/5319' MSL. Poles and tower beginning 876' from DER, 480' right of centerline, up to 93' AGL/5393' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)  
ORIG 16203 (FAA)

**Rwy 3, 12, 21, 26, 30**, Heading as assigned by ATC.  
**Rwy 8**, Heading as assigned by ATC; requires minimum climb of 470' per NM to 7600. Do not exceed 240Kts until established on assigned heading.

## DOUBLE EAGLE II (AEG)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 08045 (FAA)

DEPARTURE PROCEDURE: **Rwy 4**, climb heading 035° to 11700 before turning right, all others turn left on course.

**Rwy 17**, climb heading 169° to 9400 before turning left, all others turn right on course. **Rwy 22**, climb heading 215° to 9100 before turning left, all others turn right on course.

**Rwy 35**, climb heading 349° to 11000 before turning right, all others turn left on course.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, antenna 64' from DER, 395' left of centerline, 8' AGL/5807' MSL. Tree 3482' from DER, 1409' right of centerline, 100' AGL/5919' MSL. **Rwy 35**, antenna 53' from DER, 405' right of centerline, 9' AGL/5808' MSL.

## ANGEL FIRE, NM

ANGEL FIRE (AXX)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 08213 (FAA)

TAKEOFF MINIMUMS: **Rwy 35**, NA-obstacles.  
DEPARTURE PROCEDURE: **Rwy 17**, use ANEKE RNAV DEPARTURE.

## ARTESIA, NM

ARTESIA MUNI (ATS)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 19227 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 4**, vegetation 88' from DER, 189' right of centerline, 7' AGL/3524' MSL. Vehicles on road beginning 385' from DER, 407' right of centerline crossing runway extended centerline, up to 15' AGL/3534' MSL. **Rwy 22**, aircraft on tarmac beginning at DER, 147' right of centerline, up to 42' AGL/3591' MSL. Vehicles on road beginning 541' from DER, 638' left of centerline, crossing runway extended centerline, up to 15' AGL/3564' MSL. **Rwy 31**, taxiing aircraft beginning at DER, 114' left of centerline, crossing runway extended centerline, up to 42' AGL/3551' MSL. Vegetation 62' from DER, 493' left of centerline, 8' AGL/3542' MSL. Towers beginning 2596' from DER, 1109' right of centerline, up to 88' AGL/3619' MSL.

## ASPEN, CO

ASPEN-PITKIN COUNTY/SARDY FIELD  
(ASE)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 8 08269 (FAA)

TAKEOFF MINIMUMS: **Rwy 15**, NA-terrain.  
DEPARTURE PROCEDURE: **Rwy 33**, use SARDD DEPARTURE.

## BELEN, NM

BELEN RGNL (BRG)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1B 18256 (FAA)

TAKEOFF MINIMUMS: **Rwys 13, 31**, NA - Environmental. **Rwy 3**, std. w/min. climb of 350' per NM to 12000, or 3300-3 for VCOA. **Rwy 21**, std. w/min. climb of 325' per NM to 11900, or 3300-3 for VCOA.

VCOA: **Rwys 3, 21**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Belen Regional Airport at or above 8400 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 21**, power poles beginning 1150' from DER, 275' left of centerline, up to 34' AGL/5236' MSL.

## BUCKLEY AFB (KBKF),

AURORA, CO  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
11013

Diverse departure not authorized. Use published departure procedures for obstacle avoidance.

## BUENA VISTA, CO

CENTRAL COLORADO RGNL (AEJ)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 03247 (FAA)

TAKEOFF MINIMUMS: **Rwy 15**, std. with a min. climb of 400' per NM to 8200 then 340' per NM to 15500. **Rwy 33**, NA-due to terrain.

DEPARTURE PROCEDURE: **Rwy 15**, use PUEBLO RNAV DEPARTURE. **Rwy 33**, NA-due to terrain.

TAKEOFF OBSTACLE NOTES: **Rwy 15**, tree 4468' from DER, 659' right of centerline, 60' AGL/8159' MSL.



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



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





**BURLINGTON, CO**

KIT CARSON COUNTY (ITR)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 18032 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 15**, terrain beginning 32' from DER, 321' right of centerline, up to 4213' MSL.

**CANNON AFB (KCVS),**

CLOVIS, NM

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 18256

Diverse departure authorized all runways.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, terrain 0' from DER, 500' left of cntrln, 4305' MSL. Terrain 1061' from DER, 784' left of cntrln, 4329' MSL. Terrain 1064' from DER, 772' left of cntrln, 4327' MSL. Terrain 1187' from DER, 818' left of cntrln, 4327' MSL. Terrain 267' from DER, 567' left of cntrln, 4304' MSL. **Rwy 13**, terrain 0' from DER, 500' left of cntrln, 4280' MSL. Terrain 276' from DER, 532' left of cntrln, 4281' MSL. **Rwy 22**, terrain 0' from DER, 500' right of cntrln, 4283' MSL. Terrain 537' from DER, 640' left of cntrln, 4295' MSL. Terrain 554' from DER, 648' left of cntrln, 4292' MSL. **Rwy 31**, terrain 0' from DER, 500' left of cntrln, 4294' MSL. Terrain 190' from DER, 551' right of cntrln, 4309' MSL. Terrain 277' from DER, 505' right of cntrln, 4311' MSL.

**CANON CITY, CO**

FREMONT COUNTY (1V6)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 3 18312 (FAA)

TAKEOFF MINIMUMS: **Rwys 17, 35**, NA-ATC

DEPARTURE PROCEDURE: **Rwy 11**, climb on heading 113° and PUB R-274 to PUB VORTAC before proceeding on course. **Rwy 29**, climbing left turn to intercept PUB R-274 to PUB VORTAC before proceeding on course. Do not exceed 210 KIAS until established on PUB R-274 eastbound.

TAKEOFF OBSTACLE NOTES: **Rwy 11**, tree and pole beginning 4' from DER, 20' left of centerline, up to 5383' MSL. Pole 9' from DER, 19' right of centerline, 5383' MSL. Tree 28' from DER, 213' left of centerline, 5384' MSL. **Rwy 29**, fence, NAVAID beginning 8' from DER, 112' right of centerline, up to 17' AGL/5450' MSL. Vehicles on road beginning 57' from DER, 290' left of centerline, up to 5450' MSL. Vehicles on road 349' from DER, 541' right of centerline, 5454' MSL.

**CARLSBAD, NM**

CAVERN CITY AIR TERMINAL (CNM)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11013 (FAA)

TAKEOFF MINIMUMS: **Rwy 21**, std. w/ min. climb of 206' per NM to 4300, or 1200-3 for climb in visual conditions. **Rwy 26**, std. w/ min. climb of 241' per NM to 4500, or 1300-3 for climb in visual conditions. **Rwy 32L**, std. w/ min. climb of 208' per NM to 4100. DEPARTURE PROCEDURE: **Rwy 21**, for climb in visual conditions, cross Cavern City Air Terminal at or above 4300 before proceeding on course. **Rwys 26, 32L**, for climb in visual conditions, cross Cavern City Air Terminal at or above 4400 before proceeding on course. **Rwy 32R**, Climb heading 341° to 4100 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 3**, bushes beginning 65' from DER, 344' right of centerline, up to 6' AGL/3254' MSL. Vehicle on road 388' from DER, 514' right of centerline, 15' AGL/3260' MSL. **Rwy 8**, pole 604' from DER, 192' right of centerline, 26' AGL/3264' MSL. **Rwy 14L**, bush 110' from DER, 216' left of centerline, 4' AGL/3246' MSL. Localizer 164' from DER, 458' right of centerline, 8' AGL/3250' MSL. Vehicle on road 398' from DER, 121' left of centerline, 15' AGL/3257' MSL. Pole 398' from DER, 129' left of centerline, 20' AGL/3265' MSL. Pole 520' from DER, 27' right of centerline, 24' AGL/3269' MSL. Vehicle on road 720' from DER, 462' right of centerline, 15' AGL/3260' MSL. Pole 837' from DER, 444' right of centerline, 26' AGL/3299' MSL. **Rwy 26**, bush 107' from DER, 193' left of centerline, 6' AGL/3276' MSL. **Rwy 32R**, fence 43' from DER, 333' left of centerline, 4' AGL/3273' MSL.

**CLAYTON, NM**

CLAYTON MUNI AIRPARK (CAO)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1A 19031 (FAA)

TAKEOFF MINIMUMS: **Rwy 2**, std. w/min. climb of 220' per NM to 6700. **Rwy 30**, std. w/min. climb of 257' per NM to 6700.

DEPARTURE PROCEDURE: **Rwy 20**, climb heading 201° to 5500 before turning right. **Rwy 30**, climb heading 301° to 6700 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, sign 2' from DER, 201' left of centerline, 4' AGL/4971' MSL. Fence 5' from DER, 418' left of centerline, 4' AGL/4972' MSL. Fence 183' from DER, 513' left of centerline, 7' AGL/4975' MSL. **Rwy 12**, vegetation 15' from DER, on centerline, 4948' MSL. **Rwy 20**, general utility 9' from DER, 123' right of centerline, 4' AGL/4967' MSL. Fence 33' from DER, 484' right of centerline, 6' AGL/4971' MSL. **Rwy 30**, terrain 5' from DER, 242' left of centerline, 4968' MSL. Electrical system, sign beginning 21' from DER, 123' left of centerline, up to 4' AGL/4971' MSL. Vegetation 88' from DER, 172' right of centerline, 4969' MSL. Vegetation beginning 102' from DER, 365' right of centerline, up to 4970' MSL. Vegetation 181' from DER, 153' right of centerline, 4972' MSL. Vegetation 183' from DER, 283' right of centerline, 4973' MSL. Vegetation 194' from DER, 323' left of centerline, 4972' MSL.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







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



## CLOVIS, NM

CLOVIS MUNI (CVN)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 13262 (FAA)

TAKEOFF MINIMUMS: **Rwy 8, 26**, NA-Environmental.

**Rwy 4**, NA-Air traffic.

TAKEOFF OBSTACLE NOTES: **Rwy 12**, pole 436' from DER, 500' left of centerline, 33' AGL/4217' MSL. **Rwy 22**, vehicle on road 267' from DER, 507' left of centerline, 15' AGL/4209' MSL. Poles beginning 1323' from DER, 268' right of centerline, up to 31' AGL/4240' MSL.

## COLORADO SPRINGS, CO

CITY OF COLORADO SPRINGS MUNI (COS)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 12A 17257 (FAA)

TAKEOFF MINIMUMS: **Rwy 13**, std. w/min. climb of 250' per NM to 6400, or alternatively with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2000' prior to DER. **Rwy 31**, std. w/min. climb of 220' per NM to 7000. **Rwy 35L**, std. w/min. climb of 250' per NM to 7000. **Rwy 35R**, std. w/min. climb of 220' per NM to 7000.

DEPARTURE PROCEDURE: **Rwy 13**, 17L/R, climbing left turn direct BRK VOR/DME, thence... **Rwy 31**, climb heading 307° to 7000, then climbing right turn direct BRK VOR/DME, thence... **Rwy 35R**, climb heading 352° to 7000, then climbing right turn direct BRK VOR/DME, thence... **Rwy 35L**, climbing right turn direct BRK VOR/DME, thence...

...continue climb in holding pattern (hold NW, LT, 159° inbound) to cross BRK VOR/DME at or above MEA/MCA for route of flight.

TAKEOFF OBSTACLE NOTES: **Rwy 13**, RADAR antenna 4979' from DER, 1640' left of centerline, 107' AGL/6292' MSL. **Rwy 17L**, runway edge light (REIL) 25' from DER, 115' left and right of centerline, 3' AGL/6104' MSL. **Rwy 35L**, runway edge light (REIL) 39' from DER, 115' right of centerline, 2' AGL/6178' MSL. Tree 5898' from DER, 1773' right of centerline, 50' AGL/6338' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 2 17229 (FAA)

**Rwy 13**, heading as assigned by ATC; requires minimum climb of 250' per NM to 7400. **Rwy 17L**, heading as assigned by ATC. **Rwy 17R**, heading as assigned by ATC. **Rwy 31**, heading as assigned by ATC; requires minimum climb of 260' per NM to 7200. **Rwy 35L**, heading as assigned by ATC; requires minimum climb of 265' per NM to 7200. **Rwy 35R**, heading as assigned by ATC; requires minimum climb of 240' per NM to 7000.

## CORTEZ, CO

CORTEZ MUNI (CEZ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 3 10098 (FAA)

DEPARTURE PROCEDURE: use LEDVE DEPARTURE.

## CRAIG, CO

CRAIG-MOFFAT (CAG)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 4 12096 (FAA)

TAKEOFF MINIMUMS: **Rwy 7**, std. w/min. climb of 510' per NM to 7200, or 2400-3 for climb in visual conditions. **Rwy 25**, std. w/min. climb of 350' per NM to 8200, or 2400-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 7**, climb direct to CHE VOR/DME, or for climb in visual conditions, cross Craig-Moffat Airport at or above 8500 then proceed on CHE R-247 to CHE VOR/DME, thence .... **Rwy 25**, climbing right turn to intercept CHE VOR/DME radial 265 to CHE VOR/DME, or for climb in visual conditions, Cross Craig-Moffat Airport at or above 8500 then proceed on CHE R-247 to CHE VOR/DME, thence ....

.... Aircraft departing CHE VOR/DME on radials 214° CW 296° climb on course. All other aircraft climb in holding pattern (hold NW, right turns, 108° inbound) to cross CHE VOR/DME at or above; radials 297° CW 076° 11500, radials 077° CW 114° 10200, radials 115° CW 213° 11600. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES: **Rwy 7**, vertical structure 108' from DER, 288' left of centerline, 18' AGL/6202' MSL. Multiple trees beginning 450' from DER, 211' left and right of centerline, up to 100' AGL/6276' MSL. Vehicles on road 104' from DER, 513' right to left of centerline, up to 15' AGL/6214' MSL. **Rwy 25**, vehicles on multiple roads beginning 5' from DER, 118' left and right of centerline, up to 15' AGL/6333' MSL. Fence 14' from DER, 499' right of centerline, 5' AGL/6190' MSL. Navigation aid 39' from DER, 93' right of centerline, 4' AGL/6189' MSL. Tree 362' from DER, 435' right of centerline, 100' AGL/6203' MSL. Multiple trees beginning 1457' from DER, 450' left of centerline, up to 100' AGL/6338' MSL. Multiple poles 796' from DER, 625' left of centerline, up to 40' AGL/6285' MSL. Terrain beginning 1941' from DER, 927' left of centerline, up to 6337' MSL. Multiple buildings beginning 5509' from DER, 552' left of centerline, up to 15' AGL/6338' MSL.

## DEL NORTE, CO

ASTRONAUT KENT ROMINGER (RCV)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 17285 (FAA)

TAKEOFF MINIMUMS: **Rwy 3, 21**, NA - turf/dirt runway.

DEPARTURE PROCEDURE: **Rwy 6, 24**, use HOMME DEPARTURE.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



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







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



## DELTA, CO

### BLAKE FIELD (AJZ)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 19171 (FAA)

TAKEOFF MINIMUMS: **Rwy 3**, std. w/min. climb of 412 to 10200 or 3300-3 for climb in visual conditions. **Rwy 14, 32**, NA-Environmental. **Rwy 21**, std. w/min. climb of 452 to 10200 or 3300-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 3**, DME required, climbing right turn heading 212° to intercept MTJ VOR/DME R-297 to BRICK/MTJ 23.44 DME. . . . **Rwy 21**, DME required, climbing heading 212° to intercept MTJ VOR/DME R-297 to BRICK/MTJ 23.44 DME. . . .  
Climb-in-hold (hold NW, RT, 117° inbound) to cross BRICK at or above 11300.

VCOA: obtain ATC approval for climb in visual conditions when requesting IFR clearance. DME required, climb in visual conditions to cross Blake field airport at or above 8300, fly heading 248° and MTJ VOR/DME R-279 to BRICK/MTJ 23.44 DME, climb-in-hold (hold NW, RT, 117° inbound) to cross BRICK at or above 11300.

TAKEOFF OBSTACLE NOTES: **Rwy 3**, ground beginning 56' from DER, 103' left of centerline up to 5296' MSL. Bush 69' from DER, 224' left of centerline 6' AGL/5197 MSL. Bush 101' from DER, 103' left of centerline 5' AGL/5196' MSL. **Rwy 21**, road beginning 6' from DER, 348' right of centerline 5124' MSL. Bush 29' from DER, 253' right of centerline 2' AGL/5113' MSL.

## DEMING, NM

### DEMING MUNI (DMN)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 11013 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, NA.

DEPARTURE PROCEDURE: WESTBOUND: **Rwy 8**, climbing left turn heading 214°; **Rwy 22**, climbing right turn heading 302°; **Rwy 26**, climbing right turn heading 275°; intercept DMN VORTAC R-258 then via V94 on course. EASTBOUND: **Rwy 8**, climb direct DMN VORTAC; **Rwys 22, 26**, climbing right turn direct DMN VORTAC; then via V94 on course. NORTHBOUND: **Rwy 8**, climb direct DMN VORTAC; **Rwys 22, 26**, climbing right turn direct DMN VORTAC; then via V110 on course.

TAKEOFF OBSTACLE NOTES: **Rwy 22**, multiple trees and pole beginning 991' from DER, 139' right of centerline, up to 100' AGL/4380' MSL. **Rwy 26**, multiple trees beginning 35' from DER, 88' right of centerline, up to 100' AGL/4365' MSL. Multiple trees beginning 5' from DER, 37' left of centerline, up to 100' AGL/4355' MSL.

## DENVER, CO

### CENTENNIAL (APA)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 12320 (FAA)

TAKEOFF MINIMUMS: **Rwy 17L**, std. w/ min. climb of 255' per NM to 6800. **Rwy 17R**, std. w/ min. climb of 370' per NM to 6800.

DEPARTURE PROCEDURE: **Rwy 10**, when departing on courses between 162° CCW to 333° from DER climb heading 103° to 6600 before turning right. All other courses: climbing left turn to intercept DEN VOR/DME R-194 to DEN VOR/DME, thence ...

**Rwys 17L/R**, climb on heading between 350° CW to 162° from DER. All other courses: climbing left turn to intercept DEN VOR/DME R-199 to DEN VOR/DME, thence ...

**Rwy 28**, climb on heading between 333° CW to 103° from DER. All other courses: climbing right turn to intercept DEN VOR/DME R-210 to DEN VOR/DME, thence ...

**Rwys 35L/R**, climb on a heading between 333° CW 162° from DER. All other courses: climb heading 350° to intercept DEN VOR/DME R-211 to DEN VOR/DME, thence ...

... Climb in DEN VOR/DME holding pattern (hold South, right turns, 343° inbound) to 16500 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 10**, terrain beginning 369' from DER 30' right of centerline, up to 5854' MSL. Fences beginning 1211' from DER, 233' right of centerline, up to 8' AGL/5841' MSL. Multiple bushes beginning 1378' from DER, 284' right of centerline, up to 6' AGL/5840' MSL. Multiple roads with vehicles beginning 198' from DER, 404' left of centerline, up to 15' AGL/5835' MSL. Terrain 1358' from DER, 253' left of centerline, up to 5830' MSL. **Rwy 17L**, multiple trees beginning 2968' from DER, 761' right of centerline, up to 100' AGL/5976' MSL. **Rwy 17R**, terrain 181' from DER 496' right of centerline, 5887' MSL. Fence 538' from DER, 196' right of centerline, 8' AGL/5886' MSL. Multiple trees beginning 562' from DER, 61' right of centerline, up to 16' AGL/5976' MSL. Multiple light poles beginning 2362' from DER, 256' right of centerline, up to 30' AGL/5942' MSL. Obstruction light on building 3282' from DER, 842' right of centerline, 90' AGL/6021' MSL. **Rwy 28**, terrain beginning 89' from DER, on centerline extending to 514' left to 137' right of centerline, up to 5843' MSL. Windsock 100' from DER, 183' left of centerline, 15' AGL/5832' MSL. Multiple trees beginning 1640' from DER, 731' left of centerline, up to 100' AGL/ 5959' MSL.

## DIVERSE VECTOR AREA (RADAR VECTORS)

ORIG 20030 (FAA)

**Rwy 10**, headings as assigned by ATC; requires min. climb gradient of 203' per NM to 6800. **Rwy 17L**, headings as assigned by ATC; requires min. climb gradient of 287' per NM to 8000. **Rwy 17R**, headings as assigned by ATC; requires min. climb gradient of 372' per NM to 7400. **Rwys 28, 35L, 35R**, headings as assigned by ATC.



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



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





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



## DENVER, CO (CON'T)

### COLORADO AIR AND SPACE PORT (CFO)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 3A 20030 (FAA)

DEPARTURE PROCEDURE: **Rwy 8**, climb on a heading between 312° CW to 228° from DER, all other courses climbing left turn direct DEN VOR/DME. Continue climb in DEN VOR/DME holding pattern (hold south, right turn, 343° inbound) to 16500 before proceeding on course.

**Rwy 17**, climb on a heading between 352° CW to 229° from DER, all other courses climbing right turn direct DEN VOR/DME. Continue climb in DEN VOR/DME holding pattern (hold south, right turn, 343° inbound) to 16500 before proceeding on course. **Rwy 26**, climb on a heading between 315° CW to 083° or between 226° CCW to 083° from DER, all other courses climbing right turn direct DEN VOR/DME. Continue climb in DEN VOR/DME holding pattern (hold south, right turn, 343° inbound) to 16500 before proceeding on course. **Rwy 35**, climb on a heading between 313° CW to 172° from DER, all other courses climbing left turn direct DEN VOR/DME. Continue climb in DEN VOR/DME holding pattern (hold south, right turn, 343° inbound) to 16500 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, pole 3618' from DER, 516' left of centerline, 43' AGL/5603' MSL. **Rwy 28**, trees beginning 98' from DER, 456' right of centerline, up to 50' AGL/5489' MSL.

## DENVER INTL (DEN)

### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 3 12320 (FAA)

DEPARTURE PROCEDURE: **Rwy 7**, climb on a heading between 315° CW to 218° from DER. All other courses: climbing right turn, thence ...

**Rwy 8**, climb on a heading between 310° CW to 220° from DER. All other courses: climbing right turn, thence ...

**Rwys 16L, 16R**, climb on a heading between 213° CCW to 353° from DER. All other courses: climbing left turn, thence ...

**Rwys 17L, 17R**, climb on a heading between 222° CCW to 353° from DER. All other courses: climbing right turn, thence ...

**Rwy 25**, climb on a heading between 317° CW to 083° or 206° CCW to 083° from DER. All other courses: climbing left turn, thence ...

**Rwy 26**, climb on a heading between 313° CW to 083° or 219° CCW to 083° from DER. All other courses: climbing left turn, thence ...

**Rwys 34L, 34R**, climb on a heading between 313° CW to 172° from DER. All other courses: climbing right turn, thence ...

**Rwys 35L, 35R**, climb on a heading between 313° CW to 172° from DER. All other courses: climbing right turn, thence ...

... direct DEN VOR/DME, climb in DEN VOR/DME holding pattern (hold South, right turns, 343° inbound) to 16500 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 7**, sign 21' from DER, 337' left of centerline, 5' AGL/5357' MSL. **Rwy 16L**, multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL. Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL. **Rwy 25**, sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL. **Rwy 26**, sign 50' from DER, 339' left of centerline, 5' AGL/5356' MSL.

## DENVER, CO (CON'T)

### ROCKY MOUNTAIN METROPOLITAN (BJC)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 6 14317 (FAA)

DEPARTURE PROCEDURE: **Rwy 3**, climb on heading between 350° CW to 160° from DER. All other courses: climbing right turn heading 147° to intercept DEN VOR/DME R-284 to DEN VOR/DME, thence ...

**Rwys 12L, 12R**, climb on heading between 160° CCW to 350° from DER. All other courses: climb heading 112° to intercept DEN VOR/DME R-275 to DEN VOR/DME, thence ...

**Rwy 21**, climb on heading between 160° CCW to 024° from DER. All other courses: climbing left turn heading 044° to intercept den VOR/DME R-272 to DEN VOR/DME, thence ...

**Rwy 30R**, climb on heading between 350° CW to 113° from DER. All other courses: climbing right turn heading 142° to intercept DEN R-280 to DEN VOR/DME, thence ...

**Rwy 30L**, climb on heading between 350° CW to 113° from DER. All other courses: climbing right turn heading 142° to intercept DEN R-279 to DEN VOR/DME, thence ...

... climb in DEN VOR/DME holding pattern (hold South, right turns, 343° inbound) to 16500 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 3**, pole 432' from DER, 370' right of centerline, 49' AGL/5619' MSL. **Rwy 12L**, ground 1' from DER, 266' left of centerline, 5566' MSL. Poles beginning 11' from DER, 395' left of centerline, 2' AGL/5567' MSL. **Rwy 12R**, poles beginning 7' from DER, 265' right of centerline, 2' AGL/5596' MSL. Lights 8' from DER, 52' left and right of centerline, 2' AGL/5596' MSL. **Rwy 21**, windsock 116' from DER, 209' left of centerline, 10' AGL/5622' MSL. **Rwy 30L**, terrain beginning 23' from DER, 28' left of centerline, up to 5724' MSL. Lights 40' from DER, 76' left and right of centerline, 2' AGL/5676' MSL. Ground beginning 831' from DER, 170' left of centerline, 5698' MSL. Fence beginning 946' from DER, 206' left of centerline, up to 19' AGL/5734' MSL. Vehicles on roads beginning 1425' from DER, 715' left of centerline, 10' AGL/5748' MSL. Trees and poles beginning 1106' from DER, 92' left of centerline, up to 44' AGL/5754' MSL. **Rwy 30R**, ground 1' from DER, 183' right of centerline, 5661' MSL. Light pole 10' from DER, 59' left of centerline, 2' AGL/5661' MSL. Lights beginning 11' from DER, 127' right of centerline, 2' AGL/5567' MSL. Pole 1606' from DER, 917' left of centerline, 44' AGL/5702' MSL.

## DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 16315 (FAA)

**Rwys 3, 12L/R, 21, 30 L/R**, heading as assigned by ATC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



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







20030

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

L7



## DURANGO, CO

### DURANGO-LA PLATA COUNTY (DRO)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6A 09015 (FAA)

TAKEOFF MINIMUMS: **Rwy 3**, std. w/ a min. climb of 215' per NM to 7600, or 1700-3 for climb in visual conditions.DEPARTURE PROCEDURE: **Rwy 3**, climbing right turn to 9000 heading 160° and DRO VOR/DME R-125 to RESER INT, or for climb in visual conditions: Cross Durango-La Plata County Airport Southeast bound at or above 8200 MSL, then proceed on DRO VOR/DME R-125 to RESER INT. **Rwy 21**, climbing right turn to 9500 heading 280° and DRO VOR/DME R-235 to MARKE INT.TAKEOFF OBSTACLE NOTES: **Rwy 3**, trees beginning 1223' from DER, 794' left of centerline, up to 42' AGL/6741' MSL. Trees beginning 488' from DER, 431' right of centerline, up to 42' AGL/6698' MSL, vehicles on road beginning 8' from DER, right and left of centerline, up to 15' AGL/6706' MSL.

## EAGLE, CO

### EAGLE COUNTY RGNL (EGE)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 13346 (FAA)

TAKEOFF MINIMUMS: **Rwys 7, 25**, 4200-3 for climb in visual conditions.

DEPARTURE PROCEDURE: For climb in visual conditions cross Eagle County RGNL airport northeast bound at or above 10600 MSL then proceed on RLG R-212 to RLG VOR/DME. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES: **Rwy 7**, runway lights 10' from DER, 33' right and left of centerline, 1' AGL/6549' MSL. Vehicle on roadway 243' from DER, 28' right of centerline, 15' AGL/6562' MSL. Tree 5041' from DER, 1689' right of centerline, up to 55' AGL/6695' MSL. **Rwy 25**, runway lights 10' from DER, 55' right and left of centerline, up to 2' AGL/6462' MSL.

## ERIE, CO

### ERIE MUNI (EIK)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 10294 (FAA)

TAKEOFF MINIMUMS: **Rwy 15**, 500-2 or std. with a min. climb gradient of 270' per NM to 5700.DEPARTURE PROCEDURE: **Rwy 15**, turn right;**Rwy 33**, turn left; climb direct BJC VOR/DME.

Departures on BJC R-340 CW R-150 climb on course. All others climb in BJC holding pattern (NE, left turns 203° inbound) to cross BJC VOR/DME at or above 13300, or comply with RADAR vectors.

## FARMINGTON, NM

### FOUR CORNERS RGNL (FMN)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10210 (FAA)

DEPARTURE PROCEDURE: **Rwys 5, 23, 25**, climbing right turn direct RSK VORTAC. Continue climb in RSK VORTAC holding pattern (hold East, left turn, 252° inbound) to cross RSK VORTAC at or above MEA for route of flight. **Rwy 7**, climb direct RSK VORTAC. Continue climb in RSK VORTAC holding pattern (hold East, left turn, 252° inbound) to cross RSK VORTAC at or above MEA for route of flight.TAKEOFF OBSTACLE NOTES: **Rwy 5**, sign 27' from DER, 464' right of centerline, 13' AGL/5513' MSL. Building 4005' from DER, 654' right of centerline, 96' AGL/5608' MSL.

## FARMINGTON, NM (CON'T)

### FOUR CORNERS RGNL (FMN) (CON'T)

**Rwy 25**, sign 37' from DER, 218' left of centerline, 10' AGL/5479' MSL. Obstruction light on DME 200' from DER, 442' left of centerline, 24' AGL/5493' MSL. Sign 37' from DER, 218' left of centerline, 10' AGL/5479' MSL.

## FORT COLLINS, CO

### NORTHERN COLORADO RGNL (FNL)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5A 18116 (FAA)

TAKEOFF MINIMUMS: **Rwys 6, 24**, NA-VFR runway.DEPARTURE PROCEDURE: **Rwy 15**, climb on a heading between 177° CW to 329° from DER. All other courses: climbing left turn heading 017° to intercept GLL VOR/DME R-242 to GLL VOR/DME, thence...**Rwy 33**, climb on a heading between 323° CW to 148° from DER. All other courses: climbing right turn heading 122° to intercept GLL VOR/DME R-257 to GLL VOR/DME, thence... climb in GLL VOR/DME holding pattern (hold NE, right turns, 205° inbound) to 16500 before proceeding on course.TAKEOFF OBSTACLE NOTES: **Rwy 33**, multiple trees beginning 833' from DER, 516' right of centerline, up to 66' AGL/5025' MSL. Multiple poles beginning 567' from DER, 540' left of centerline, up to 26' AGL/4995' MSL.

## DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 18256 (FAA)

**Rwys 15, 33** headings as assigned by ATC.

## FORT MORGAN, CO

### FORT MORGAN MUNI (FMM)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 16035 (FAA)

TAKEOFF MINIMUMS: **Rwys 17, 35, 8, 26**, NA-Environmental.TAKEOFF OBSTACLE NOTES: **Rwy 14**, ground and vehicle on road beginning 36' from DER, 157' left of centerline, up to 15' AGL/4528' MSL. Buildings beginning 329' from DER, 577' right of centerline, up to 25' AGL/4527' MSL. **Rwy 32**, ground beginning 13' from DER, 271' right of centerline, up to 4600' MSL.

## GALLUP, NM

### GALLUP MUNI (GUP)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 94230 (FAA)

TAKEOFF MINIMUMS: **Rwy 6**, CAT A,B 1300-2 or std. with a min. climb of 300' per NM until passing 8000. CAT C,D 1600-3 or std. with a min. climb of 320' per NM until passing 8500. **Rwy 24**, 700-2 or std. with a min. climb of 370' per NM until passing 8000.DEPARTURE PROCEDURE: **Rwy 6**, turn left. All aircraft climb direct GUP VORTAC. Departures via GUP R-190 CW R-242 climb on course. Departures via GUP R-243 CW R-189 climb in GUP holding pattern (SW, right turns, 047° inbound) to cross GUP at or above 9000.

20030

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

L7



SW-1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





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



20030

## GRAND JUNCTION, CO

GRAND JUNCTION RGNL (GJT)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 11 08269 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, NA-obstacles. **Rwy 22**, NA-obstacles, facility reception (JNC VOR/DME).DEPARTURE PROCEDURE: **Rwys 11, 29**, use MONUMENT DEPARTURE.

## GRANTS, NM

GRANTS-MILAN MUNI (GNT)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 97254 (FAA)

TAKEOFF MINIMUMS: **Rwy 13**, 2400-2 or std. with a min. climb of 420' per NM to 11000. **Rwy 31**, NA.DEPARTURE PROCEDURE: **Rwy 13**, climb runway heading to join V12 at or above 11000 before proceeding on course.

## GREELEY, CO

GREELEY-WELD COUNTY (GXY)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 4 14261 (FAA)

DEPARTURE PROCEDURE: **Rwy 10**, climb on a heading between 292° CW to 214° from DER. All other headings: climbing left turn, thence...**Rwy 17**, climb on a heading between 212° CCW to 350° from DER. All other headings: climbing left turn, thence...**Rwy 28**, climb on a heading between 294° CW to 097° or 209° CCW to 097° from DER. All other headings: climbing right turn, thence...**Rwy 35**, climb on a heading between 293° CW to 169° from DER. All other headings: climbing right turn, thence... direct GLL VOR/DME, climb in GLL VOR/DME holding pattern (hold NE, right turns, 205° inbound) to 16500 before proceeding on course.TAKEOFF OBSTACLE NOTES: **Rwy 28**, tree 1634' from DER, 836' left of centerline, 56' AGL/4717' MSL. Fence 237' from DER, 422' right of centerline, 11' AGL/4670' MSL. Fence 99' from DER, 423' left of centerline, 10' AGL/4665' MSL. **Rwy 35**, multiple trees beginning 1860' from DER, 595' right of centerline, up to 67' AGL/4785' MSL. Tree 2854' from DER, 524' left of centerline, 73' AGL/4770' MSL.

## DIVERSE VECTOR AREA (RADAR VECTORS)

ORIG 17341 (FAA)

**Rwys 10, 17, 28, 35**, heading as assigned by ATC.

## GUNNISON, CO

GUNNISON-CRESTED BUTTE RGNL (GUC)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 8 16203 (FAA)

TAKEOFF MINIMUMS: **Rwy 6**, std. w/ min. climb of 500' per NM to 9500, or 2500-3 for climb in VCOA. **Rwy 24**, std. w/ min. climb of 420' per NM to 9300, or 2500-3 for climb in VCOA. **Rwy 17, 35**, NA - Obstacles.DEPARTURE PROCEDURE: **Rwy 6**, climb heading 077° to 9500 then climbing right turn direct HBU VOR/DME, thence... **Rwy 24**, climb heading 242° to 9300 then climbing left turn direct HBU VOR/DME, thence... continue climb in HBU VOR/DME holding pattern (hold SW, LT, 031° inbound) to depart HBU VOR/DME at or above MEA/MCA for route of flight.VCOA: **Rwy 6, 24**, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Gunnison-Crested Butte Rgnl airport at or above 10000, then on HBU R-31 to HBU VOR/DME, thence... continue climb in HBU VOR/DME holding pattern (hold SW, LT, 031° inbound) to depart HBU VOR/DME at or above MEA/MCA for route of flight.TAKEOFF OBSTACLE NOTES: **Rwy 06**, trees beginning 123' from DER, 478' right of centerline, up to 18' AGL/7697' MSL. Vehicles on road 137' from DER, 529' left of centerline, 15' AGL/7693' MSL. Trees beginning 1761' from DER, 109' left of centerline, up to 7745' MSL. Trees beginning 4899' from DER, 792' left of centerline, up to 7821' MSL. Poles beginning 1 NM from DER, 1906' left of centerline, up to 38' AGL/7850' MSL. Grd and trees beginning 1.4 NM from DER, 1520' left of centerline, up to 8034' MSL. Pole 1.5 NM from DER, 359' right of centerline, 26' AGL/7933' MSL. Power transmission line, vehicles on road, grd, beginning 1.7 NM from DER, 1200' left of centerline, up to 8105' MSL. Vehicles on road 1.9 NM from DER, 2888' left of centerline, 15' AGL/8070' MSL. **Rwy 24**, vehicles on road 570' from DER, 537' right of centerline, 15' AGL/7674' MSL. Trees beginning 757' from DER, 603' left of centerline, up to 54' AGL/7704' MSL. Pole 1126' from DER, 789' right of centerline, 7688' MSL. Trees beginning 1155' from DER, crossing centerline, up to 52' AGL/7721' MSL. Grd 1961' from DER, 1012' right of centerline, 7711' MSL. Trees beginning 1991' from DER, crossing centerline, up to 68' AGL/7717' MSL. Pole, grd, trees, beginning 2039' from DER, 191' right of centerline, up to 29' AGL/7726' MSL. Poles and bldgs beginning 2471' from DER, 1072' right of centerline, up to 7732' MSL. Tree 2614' from DER, 1033' right of centerline, 7734' MSL. Bldgs beginning 2656' from DER, 731' right of centerline, up to 34' AGL/7737' MSL. Pole, bldg, grd, beginning 2812' from DER, 902' right of centerline, up to 7754' MSL. Grd beginning 3114' from DER, 1153' right of centerline, up to 7761' MSL. Vehicles on road beginning 3439' from DER, 1229' right of centerline, 15' AGL/7771' MSL. Poles beginning 4262' from DER, 1459' right of centerline, up to 7800' MSL. Vehicles on road and poles beginning 4476' from DER, 1541' right of centerline, up to 7796' MSL.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



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



20030

SW-1





20030

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

L9



## HAYDEN, CO

YAMPA VALLEY (HDN)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 09183 (FAA)

TAKEOFF MINIMUMS: **Rwy 10**, std. w/ min. climb of 400' per NM to 12200, or 3200-3 for climb in visual conditions.  
**Rwy 28**, std. w/ min. climb of 245' per NM to 9500, or 3200-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 10**, climb on heading 147° to 12200 before proceeding on course. **Rwy 28**, climb on heading 238° to 9500 before proceeding on course. **Rwys 10, 28**, for climb in visual conditions: cross Yampa Valley airport at or above 9700 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 10**, tree 241' from DER, 420' right of centerline, 100' AGL/6699' MSL. Tree 644' from DER, 340' left of centerline, 100' AGL/6699' MSL. Multiple transmission towers, beginning 3606' from DER, left to right of centerline, up to 145' AGL/6745' MSL. Terrain beginning 1714' from DER, 707' right of centerline, up to 6676' MSL.

## HOBBS, NM

LEA COUNTY RGNL (HOB)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG-A 12292 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 3**, multiple trees beginning 546' from DER, 811' right of centerline, up to 40' AGL/3700' MSL. Sign 822' from DER, 694' left of centerline, 38' AGL/3676' MSL. **Rwy 12**, road at DER, 112' right of centerline, 15' AGL/3654' MSL. **Rwy 17**, obstruction light on glideslope, 1014' from DER, 486' right of centerline, 37' AGL/3687' MSL. **Rwy 21**, tree 1304' from DER, 726' right of centerline, 46' AGL/3690' MSL. **Rwy 30**, wind sock 103' from DER, 280' left of centerline, 16' AGL/3675' MSL, pole 1035' from DER, 540' right of centerline, 25' AGL/3689' MSL. **Rwy 35**, multiple fences, roads and poles beginning 103' from DER, across centerline, up to 37' AGL/3696' MSL, pole 299' from DER, 495' left of centerline, 25' AGL/ 3689' MSL, pole 293' from DER, 94' right of centerline, 25' AGL/3682' MSL.

## HOLLOMAN AFB (KHMN)

ALAMOGORDO, NM

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2, 18032

TAKEOFF MINIMUMS: **Rwy 4**, 8000-3 or std. w/ min. climb of 473' per NM to 14,100. **Rwy 7**, NA. **Rwy 16**, 8000-3 or std. w/ min. climb of 496' per NM to 14,100. **Rwy 22**, 8000-3 or std. w/ min. climb of 449' per NM to 14,100. **Rwy 25**, 8000-3 or std. w/ min. climb of 488' per NM to 14,100. **Rwy 34**, 8000-3 or std. w/ min. climb of 475' per NM to 14,100. **Rwys 4, 16, 22, 25, 34**, RADAR REQUIRED (When R-5103C not under Holloman Approach or Cherokee control).

TAKEOFF OBSTACLE NOTES: **Rwy 4**, terrain 4084' MSL, 16' from DER, 420' right of cntrln. Aircraft tail 20' AGL/4101' MSL, 60' from DER, 546' right of cntrln. Tree 180' AGL/4301' MSL, 1.2 NM from DER, 2504' right of cntrln. Tree 180' AGL/4301' MSL, 1.3 NM from DER, 2488' right of cntrln. **Rwy 16**, tree 60' AGL/4113' MSL, 3326' from DER, 925' left of cntrln. Building 10' AGL/4059' MSL, 62' from DER, 270' right of cntrln. Building 10' AGL/4060' MSL, 57' from DER, 270' left of cntrln. Tree 60' AGL/4110' MSL, 3084' from DER, 1216' left of cntrln. Terrain 4052' MSL, 8' from DER, 320' left of cntrln. Terrain 4052' MSL, 0' from DER, 500' left of cntrln. Building 9' AGL/4059' MSL, 124' from DER, 90' left of cntrln. Tree 180' AGL/4219' MSL, 1.1 NM from DER, 980' left of cntrln.

## HOLLOMAN AFB (KHMN) (CON'T)

ALAMOGORDO, NM (CON'T)

**Rwy 16** (CON'T), tree 180' AGL/4223' MSL, 5877' from DER, 2075' left of cntrln. **Rwy 22**, terrain 4058' MSL, 0' from DER, 500' left of cntrln. Terrain 4058' MSL, 14' from DER, 327' left of cntrln. Terrain 4058' MSL, 0' from DER, 28' right of cntrln. Terrain 4058' MSL, 53' from DER, 391' right of cntrln. Terrain 4058' MSL, 0' from DER, 353' right of cntrln. Terrain 4059' MSL, 0' from DER, 500' right of cntrln. Aircraft tail 20' AGL/4069' MSL, 26' inward of DER, 414' left of cntrln. Tree 180' AGL/4252' MSL, 1.2 NM from DER, 13' right of cntrln. Tree 180' AGL/4258' MSL, 5894' from DER, 2081' right of cntrln. **Rwy 25**, vehicle 12' AGL/4064' MSL, 1090' from DER, 591' left of cntrln. Aircraft tail 20' AGL/4069' MSL, 121' from DER, 232' left of cntrln. Terrain 4054' MSL, 0' from DER, 500' left of cntrln. Terrain 4055' MSL, 17' from DER, 450' left of cntrln. Terrain 4055' MSL, 18' from DER, 475' right of cntrln. Terrain 4055' MSL, 0' from DER, 500' right of cntrln. Terrain 4055' MSL, 63' from DER, 517' right of cntrln. Tree 180' AGL/4258' MSL, 1.3 NM from DER, 205' left of cntrln. Tree 180' AGL/4252' MSL, 6029' from DER, 1287' right of cntrln. **Rwy 34**, tree 180' AGL/4268' MSL, 1.1 NM from DER, 1408' left of cntrln. Tree 180' AGL/4278' MSL, 5950' from DER, 1781' right of cntrln. Terrain 4083' MSL, 28' from DER, 290' right of cntrln.

## HOLYOKE, CO

HOLYOKE (HEQ)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 11349 (FAA)

TAKEOFF MINIMUMS: **Rwy 32**, 300-1 or std. w/min. climb of 280' per NM to 4000.

TAKEOFF OBSTACLE NOTES: **Rwy 14**, trees 2011' from DER, 29' left of centerline, 100' AGL/3829' MSL. **Rwy 32**, trees 1009' from DER, 697' left of centerline, 100' AGL/3839' MSL. Tower 4448' from DER, 1036' left of centerline, 165' AGL/3886' MSL.

## KREMMLING, CO

MC ELROY AIRFIELD (20V)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

TAKEOFF MINIMUMS: **Rwy 9**, 2600-2 or std. with a min. climb of 370' per NM to 12700. **Rwy 27**, 3200-2 or std. with a min. climb of 500' per NM to 12700.

DEPARTURE PROCEDURE: **Rwy 9**, climb runway heading to 10000, then climbing right turn. **Rwy 27**, climb runway heading to 10900, then climbing left turn. **All aircraft** proceed direct RLG VOR/DME. Continue climb to 13,000 in RLG holding pattern (hold SW, left turns, 051° inbound).

## LA JUNTA, CO

LA JUNTA MUNI (LXH)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3A 16091 (FAA)

DEPARTURE PROCEDURE: **Rwy 8**, climb via heading 080°. **Rwy 12**, climb via heading 120°. **Rwy 26**, turn left heading 160°. **Rwy 30**, turn left heading 140°. **All aircraft**, intercept LAA R-238 (V210) to LAA VOR/DME. When at or above 8000 proceed on course.

TAKEOFF OBSTACLE NOTES: **Rwy 26**, rod 196' from DER, 445' left of centerline, 10' AGL/4241' MSL. fence 224' from DER, 198' right of centerline, 7' AGL/4235' MSL.



20030

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

L9



SW-1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





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



20030

## LAMAR, CO

### LAMAR MUNI (LAA)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG-A 14037 (FAA)

DEPARTURE PROCEDURE: **Rwys 8, 36**, climbing left turn, thence... **Rwy 18**, climbing left/right turn, thence... **Rwy 26**, climbing right turn, thence... Direct LAA VOR/DME. Aircraft departing LAA R-048 CW R-118 climb on course. All others continue climbing in LAA holding pattern (N, right turns, 169° inbound) to 6000 before proceeding on course.

## LAS CRUCES, NM

### LAS CRUCES INTL (LRU)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 16231 (FAA)

TAKEOFF MINIMUMS: **Rwys 4, 8, 12, 22, 26, 30**, 2500-3 for climb in visual conditions.

VCOA: All runways, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Las Cruces Intl southwest bound at or above 6500 on CUS VOR/DME R-038 to ZAXOX INT/DMN 27 DME. Continue climb in ZAXOX holding pattern (hold W, right turns, 094° inbound) to cross ZAXOX at or above MEA or assigned altitude for route of flight.

TAKEOFF OBSTACLE NOTES: **Rwy 04**, bush beginning 67' from DER, 169' right of centerline, up to 8' AGL/4458' MSL. Tree, bush, vegetation beginning 122' from DER, 180' right of centerline, up to 10' AGL/4460' MSL. Tree, bush, pole, It support structure beginning 8' from DER, 29' left of centerline, up to 4459' MSL. Bush beginning 187' from DER, 372' left of centerline, up to 4462' MSL. Tree, bush, vegetation beginning 192' from DER, 331' left of centerline, up to 4462' MSL. Bush, tree beginning 347' from DER, 219' left of centerline, up to 4463' MSL. Tree 463' from DER, 427' left of centerline, 4464' MSL. Tree 480' from DER, 254' left of centerline, 4465' MSL. Tree 520' from DER, 251' left of centerline, 4467' MSL. **Rwy 8**, pole, It support structure, bush beginning 12' from DER, 29' left of centerline, up to 9' AGL/4437' MSL. Bush beginning 46' from DER, 428' left of centerline, up to 4439' MSL. Bush 87' from DER, 487' left of centerline, 4440' MSL. Bush beginning 188' from DER, 371' left of centerline, up to 5' AGL/4443' MSL. Bush 240' from DER, 359' left of centerline, 4444' MSL. Trees beginning 360' from DER, 504' left of centerline, up to 4448' MSL. Tree 542' from DER, 643' left of centerline, 4451' MSL. **Rwy 12**, bush beginning 106' from DER, 351' right of centerline, up to 4443' MSL. **Rwy 22**, bush 30' from DER, 489' right of centerline, 4440' MSL. Bush 5' from DER, 365' left of centerline, 4439' MSL. Pole, It support structure beginning 11' from DER, 30' right of centerline, up to 3' AGL/4437' MSL. Tree, bush beginning 31' from DER, 352' left of centerline, up to 4441' MSL. Tree, bush beginning 126' from DER, 221' left of centerline, up to 9' AGL/4444' MSL. **Rwy 26**, vegetation, It support structure, pole beginning 4' from DER, 30' right of centerline, up to 5' AGL/4440' MSL. Bush beginning 24' from DER, 358' right of centerline, up to 4444' MSL. Tree, bush beginning 38' from DER, 245' right of centerline, up to 4445' MSL. Tree, bush beginning 43' from DER, 173' right of centerline, up to 8' AGL/4446' MSL. Tree, bush, vegetation beginning 147' from DER, 260' right of centerline, up to 11' AGL/4449' MSL. Bush 27' from DER, 451' left of centerline, 4439' MSL. **Rwy 30**, tree 12' from DER, 276' right of centerline, 4463' MSL. Tree, bush beginning 15' from DER, 290' right of centerline, up to 10' AGL/4465' MSL. Tree 52' from DER, 429' right of centerline, 11' AGL/4466' MSL. Trees beginning 135' from DER, 279' right of centerline, up to 13' AGL/4468' MSL. Trees beginning 97' from DER, 318' left of centerline, up to 4466' MSL. Trees beginning 230' from DER, 316' left of centerline, up to 4467' MSL. Tree 420' from DER, 544' left of centerline, 4468' MSL.

## LAS VEGAS, NM

### LAS VEGAS MUNI (LVS)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 06103 (FAA)

DEPARTURE PROCEDURE: **Rwys 2, 14** turn left/right. **Rwy 20**, turn left (except via FTI R-215). **Rwy 32**, turn right.

Departures via FTI VORTAC R-001 CW R-215 climb on course. Departures via FTI VORTAC R-216 CW R-360 proceed direct FTI VORTAC. Climb in FTI VORTAC holding pattern (hold north, left turn, 192° inbound) to cross FTI at airway MEA/MCA. (NOTE: climb in hold not authorized for turbojet aircraft).

## LEADVILLE, CO

### LAKE COUNTY (LXV)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2A 19059 (FAA)

DEPARTURE PROCEDURE: **Rwy 16**, use LOZUL (RNAV)

DEPARTURE. **Rwy 34**, use DAVVY (RNAV)

DEPARTURE.

TAKEOFF OBSTACLE NOTES: **Rwy 16**, poles, signs beginning 9' from DER, 17' left of centerline, up to 2' AGL/9926' MSL. Pole 10' from DER, 17' right of centerline, 2' AGL/9926' MSL. Trees beginning 180' from DER, 516' left of centerline, up to 9948' MSL. Transmission line, poles beginning 499' from DER, 632' left of centerline, up to 101' AGL/9989' MSL. **Rwy 34**, pole 10' from DER, 26' left of centerline, 2' AGL/9932' MSL. Trees beginning 18' from DER, 462' right of centerline, up to 9949' MSL.

## LONGMONT, CO

### VANCE BRAND (LMO)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 12040 (FAA)

DEPARTURE PROCEDURE: **Rwy 11**, climbing left turn to intercept GLL VOR/DME R-221 to 7000 ... **Rwy 29**, climbing right turn to intercept GLL VOR/DME R-221 to 7000 ...

... All aircraft proceed on GLL R-221 to GLL VOR/DME. Cross GLL VOR/DME at or above MEA/MCA for route of flight.

TAKEOFF OBSTACLE NOTES: **Rwy 11**, trees beginning 130' from DER, 191' right of centerline, up to 80' AGL/5119' MSL. Vehicles on roadway, 449' from DER, 395' left and right of centerline, 17' AGL/5046' MSL. Trees beginning 1383' from DER, 434' left of centerline, up to 80' AGL/5109' MSL. **Rwy 29**, trees beginning 4105' from DER, 220' left of centerline, up to 80' AGL/5189' MSL.

## LOS ALAMOS, NM

### LOS ALAMOS (LAM)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 12152 (FAA)

TAKEOFF MINIMUMS: **Rwy 27**, NA-obstacles and airport restriction.

DEPARTURE PROCEDURE: **Rwy 9**, climb heading 092° to intercept SAF R-354. Northbound climbing to 11000 on V83. Southbound climbing to 9000 on V83.

TAKEOFF OBSTACLE NOTES: **Rwy 9**, terrain and trees beginning 101' from DER, 178' left and right of centerline, up to 60' AGL/7139' MSL.



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



20030





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



## LOVINGTON, NM

LEA COUNTY-ZIP FRANKLIN MEMORIAL

(E06)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 99364 (FAA)

DEPARTURE PROCEDURE: **Rwy 3**, climb runway heading to 4700 before turning on course.

TAKEOFF OBSTACLE NOTES: **Rwy 12**, 35' AGL power line 1250' from DER 150' right of centerline. **Rwy 21**, 40' AGL tower 936' from DER 273' right of centerline. **Rwy 30**, 50' AGL windmill 1800' from DER 50' right of centerline.

## MEEKER, CO

MEEKER (EEO)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 08157 (FAA)

TAKEOFF MINIMUMS: **Rwys 3, 21**, 4100-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 3, 21**, for climb in visual conditions: cross Meeker Airport at or above 10500 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 21**, multiple trees beginning 843' from DER, 20' left of centerline, up to 100' AGL/7190' MSL. Multiple trees beginning 227' from DER, 187' right of centerline, up to 100' AGL/6862' MSL.

## MONTE VISTA, CO

MONTE VISTA MUNI (MVI)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 4 17341 (FAA)

TAKEOFF MINIMUMS: **Rwys 10, 16, 28, 34**, NA - Rwy surfaces.

DEPARTURE PROCEDURE: **Rwy 2**, climbing right turn direct ALS VORTAC, thence . . . **Rwy 20**, climbing left turn direct ALS VORTAC, thence . . .

. . . climb-in-holding pattern (SE, right turn, 301° inbound) to cross ALS VORTAC at or above MEA for route of flight.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, NAVAID 10' from DER, 9' left of centerline, 2' AGL/7611' MSL. Tree 14' from DER, 203' right of centerline, 7612' MSL. Tree 111' from DER, 464' right of centerline, 8' AGL/7614' MSL. Tank 313' from DER, 444' left of centerline, 18' AGL/7626' MSL. Traverse way beginning 317' from DER, 383' right of centerline, up to 7621' MSL. Tower, poles beginning 401' from DER, 396' left of centerline, up to 48' AGL/7658' MSL. Trees, poles beginning 910' from DER, 411' right of centerline, up to 57' AGL/7665' MSL. Tree 2558' from DER, 126' left of centerline, 7674' MSL. **Rwy 20**, NAVAID 11' from DER, 9' left of centerline, 7613' MSL. Fence 67' from DER, 283' left of centerline, 9' AGL/7615' MSL.

## MONTROSE, CO

MONTROSE RGNL (MTJ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 4 09127 (FAA)

DEPARTURE PROCEDURE: Use MONTROSE DEPARTURE.

## MORIARTY, NM

MORIARTY MUNI (0E0)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 18200 (FAA)

DEPARTURE PROCEDURE: **Rwy 8**, climb heading 079° to 7100 before proceeding on course. **Rwy 18**, climb heading 169° to 6900 before proceeding on course. **Rwys 26, 36**, climbing right turn direct OTO VOR, continue climb in OTO VOR holding pattern (hold east, RT, 254° inbound) to cross OTO VOR at or above MEA for route of flight.

TAKEOFF OBSTACLE NOTES: **Rwy 8**, fence 86' from DER, 393' right of centerline, 4' AGL/6189' MSL. **Rwy 26**, bush 4' from DER, 462' right of centerline, 6207' MSL. Bush 67' from DER, 9' left of centerline, 6206' MSL. Tree 1689' from DER, 395' right of centerline, 6248' MSL. Tree 1851' from DER, 248' right of centerline, 49' AGL/6256' MSL. **Rwy 36**, windsock 63' from DER, 323' right of centerline, 11' AGL/6193' MSL. AWOS antenna 778' from DER, 605' left of centerline, 31' AGL/6218' MSL. Power transmission line 1323' from DER, 389' left of centerline, 6222' MSL.

## NUCLA, CO

HOPKINS FIELD (AIB)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 07130 (FAA)

TAKEOFF MINIMUMS: **Rwys 11, 29**, NA-environmental DEPARTURE PROCEDURE: **Rwys 5, 23**, use NUCLA (RNAV) DEPARTURE.

## PAGOSA SPRINGS, CO

STEVENS FIELD (PSO)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 08045 (FAA)

TAKEOFF MINIMUMS: **Rwy 1**, std. w/ min. climb of 437' per NM to 9600, or 1900-3 for climb in visual conditions. **Rwy 19**, std. w/ min. climb of 296' per NM to 9300, or 1900-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 1**, climbing right turn via heading 216° to intercept DRO VOR/DME R-066 to DRO VOR/DME .... for climb in visual conditions cross Stevens Field airport south bound at or above 9400 MSL, then via DRO VOR/DME R-066 to DRO VOR/DME ....

**Rwy 19**, climb via heading 194° to intercept DRO VOR/DME R-075 to DRO VOR/DME .... for climb in visual conditions cross Stevens Field airport south bound at or above 9400 MSL, then via DRO VOR/DME R-066 to DRO VOR/DME ....

... thence cross DRO VOR/DME at MEA/MCA for direction of flight before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 1**, terrain beginning 30' from DER, 53' left of centerline, up to 7697' MSL. Terrain beginning 127' from DER, 69' right of centerline, up to 7681' MSL. Multiple trees beginning 940' from DER, left and right of centerline, up to 100' AGL/7739' MSL. **Rwy 19**, multiple trees beginning 664' from DER, 156' left of centerline, up to 100' AGL/7693' MSL. Multiple trees beginning 1625' from DER, 5' right of centerline, up to 100' AGL/7698' MSL.



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







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



20030

## PORTALES, NM

PORTALES MUNI (PRZ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 12152 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 8**, train on tracks, 624' from DER, left and right of centerline, up to 23' AGL/4087' MSL. Terrain beginning 35' from DER, left and right of centerline, 4064' MSL. Vehicles on road, 794' from DER, left and right of centerline, up to 17' AGL/4081' MSL. **Rwy 19**, terrain beginning 13' from DER, left and right of centerline, 4080' MSL. **Rwy 26**, terrain beginning 15' from DER, left and right of centerline, 4074' MSL.

## PUEBLO, CO

PUEBLO MEMORIAL (PUB)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 7 16147 (FAA)

TAKEOFF MINIMUMS: **Rwys 8L, 26R**, NA, environment. **Rwy 35**, 400-2¼ or std. w/min. climb of 343' per NM to 5200.

DEPARTURE PROCEDURE: **Rwy 8R**, climb heading 080° to 5500, then climbing left turn to intercept PUB R-045 to PUB VORTAC, thence ...

**Rwy 17**, climb heading 170° to 5800, then climbing left turn on heading 050° and PUB R-185 to PUB VORTAC, thence ...

**Rwy 26L**, climb heading 260° to 5700, then climbing left turn on heading 070° and PUB R-225 to PUB VORTAC, thence ...

**Rwy 35**, climb heading 350° to 5200, then climbing right turn on heading 150° and PUB R-005 to PUB VORTAC, thence ...

... Continue climb in PUB VORTAC holding pattern (hold E, right turns, 249° inbound) to cross PUB VORTAC at or above MEA for route of flight.

TAKEOFF OBSTACLE NOTES: **Rwy 8R**, rising terrain 378' from DER, 594' left of centerline, up to 4859' MSL. **Rwy 17**, pole 666' from DER, 661' right of centerline, 46' AGL/4876' MSL. **Rwy 26L**, rising terrain 26' from DER, 497' right of centerline, up to 4679' MSL. **Rwy 35**, rising terrain 178' from DER, left and right of centerline, up to 4769' MSL. Bushes beginning 23' from DER, left and right of centerline, up to 13' AGL/4750' MSL. Transmission line towers beginning 1.1 NM from DER, left and right of centerline, up to 57' AGL/4950' MSL. Radar reflector 995' from DER, on centerline, 4' AGL/4757' MSL. Tree 3604' from DER, 1452' right of centerline, 4889' MSL. Tree 1.5 NM from DER, 1854' right of centerline, 5069' MSL. Terrain 1.8 NM from DER, 3169' right of centerline, 5020' MSL.

## RANGELY, CO

RANGELY (4V0)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 18200 (FAA)

DEPARTURE PROCEDURE: **Rwys 7, 25**, use ELIZZ (RNAV) DEPARTURE.

## RATON, NM

RATON MUNI/CREWS FIELD (RTN)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 11097 (FAA)

TAKEOFF MINIMUMS: **Rwy 2**, std. w/ min. climb of 251' per NM to 9600 or 2100-3 for climb in visual conditions.

**Rwy 7**, std. w/ min. climb of 367' per NM to 9300 or 2100-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 2**, climbing right turn heading 090° and CIM VORTAC R-040 Northeast bound to airway MEA, then on course to assigned altitude, or for climb in visual conditions, cross Raton Muni/Crews Field at or above 8400 before proceeding on course. **Rwy 7**, for climb in visual conditions, cross Raton Muni/Crews Field at or above 8400 before proceeding on course. **Rwy 20**, climb on CIM VORTAC R-040 Southwest bound to airway MEA, if not at MEA by CIM VORTAC, turn south on V263-611 until reaching MEA, then on course to assigned altitude. **Rwy 25**, climbing left turn heading 227° and CIM VORTAC R-040 Southwest bound to airway MEA, if not at MEA by CIM VORTAC, turn South on V263-611 until reaching MEA, then on course to assigned altitude.

## RIFLE, CO

RIFLE GARFIELD COUNTY (RIL)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 11 18032 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, std. w/ min. climb of 400' per NM to 11900 or 5400 - 5 for VCOA.

DEPARTURE PROCEDURE: **Rwy 8**, DME required. Climb on RIL VOR/DME R-083 to ZOBAK/7.41 DME, then climbing left turn direct RIL VOR/DME. Climb in RIL VOR/DME holding pattern (hold E, right turn, 263° inbound) to cross RIL VOR/DME at or above MEA/MCA before proceeding enroute. **Rwy 26**, use SQUAT departure.

VCOA: **Rwy 8**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Rifle Garfield County Airport at or above 10800 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 8**, terrain beginning 155' from DER, 380' right of centerline, up to 5551' MSL. Pole 4049' from DER, 1379' right of centerline, 42' AGL/5642' MSL. Obstruction light on NDB tower, 41' from DER, 300' left of centerline, 46' AGL/5586' MSL.

## ROSWELL, NM

ROSWELL INTL AIR CENTER (ROW)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 11069 (FAA)

TAKEOFF MINIMUMS: **Rwys 12, 30**, NA. Runway closed. DEPARTURE PROCEDURE: **Rwy 35**, climbing left turn to 6000 via heading 277° to intercept CME R-323, upon reaching 6000 proceed on course.



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



20030

SW-1

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





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

L13



## RUIDOSO, NM

### SIERRA BLANCA RGNL (SRR)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG 89124 (FAA)

TAKEOFF MINIMUMS: **Rwys 6,24**, 5200-3 or std. with a min. climb of 420' per NM to 12100'.

DEPARTURE PROCEDURE: **Rwy 6**, climb at 385' per NM to 9100' direct CEP NDB, continue climb in holding pattern (\*hold E, left turns, 273° inbound) to cross CEP NDB at or above the MEA for direction of flight. \*Do not exceed 230 kts in holding pattern. **Rwy 24**, immediate climbing left turn to 9100' direct CEP NDB, continue climb in holding pattern (\*hold E, left turns, 273° inbound) to cross CEP NDB at or above the MEA for direction of flight. \*Do not exceed 230 kts in holding pattern.

## SALIDA, CO

### SALIDA AIRPORT HARRIET ALEXANDER FIELD (ANK)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A 19227 (FAA)

TAKEOFF MINIMUMS: **Rwys 6, 24**, 6800-5 for VCOA.  
VCOA NA at night.

VCOA: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Salida Airport Harriet Alexander Field at or above 14200. For westbound V-95, climb on heading 263° to 17000 and proceed on course. For eastbound V-95, climb on heading 062° to 17000 and proceed on course.

TAKEOFF OBSTACLE NOTES: **Rwy 6**, NAVAID, lighting beginning 5' from DER, 27' right of centerline, up to 3' AGL/7387' MSL. Fence, NAVAID, lighting beginning 6' from DER, 27' left of centerline, up to 8' AGL/7391' MSL. Trees beginning 22' from DER, 410' right of centerline, up to 7396' MSL. Tree 61' from DER, 287' left of centerline, 7392' MSL. Vehicle on road 2.4 NM from DER, 2608' right of centerline, 7778' MSL. Trees beginning 2.5 NM from DER, 1053' right of centerline, up to 7939' MSL. Trees beginning 2.5 NM from DER, 1345' right of centerline, up to 7961' MSL. **Rwy 24**, lighting 9' from DER, 28' right of centerline, 3' AGL/7525' MSL. Pole, lighting, NAVAID beginning 9' from DER, 27' left of centerline, up to 2' AGL/7525' MSL. Tree, NAVAID beginning 21' from DER, 77' right of centerline, up to 7539' MSL. Trees beginning 52' from DER, 299' right of centerline, up to 7547' MSL. Vehicle on road 196' from DER, 402' left of centerline, 7541' MSL. Tree, fence beginning 340' from DER, 2' right of centerline, up to 7548' MSL. Pole, tree, fence beginning 373' from DER, 71' left of centerline, up to 16' AGL/7545' MSL. Tree, vehicle on road beginning 637' from DER, 66' left of centerline, up to 7565' MSL. Transmission line, pole, vehicle on road, tree beginning 666' from DER, 97' right of centerline, up to 65' AGL/7595' MSL. Tree 1031' from DER, 294' left of centerline, 7571' MSL. Tree, fence beginning 1045' from DER, 53' left of centerline, up to 7573' MSL. Trees beginning 1264' from DER, 228' left of centerline, up to 7596' MSL. Catenary 1295' from DER, 352' right of centerline, 57' AGL/7605' MSL. Pole, tree, vehicle on road beginning 1364' from DER, 343' right of centerline, up to 57' AGL/7606' MSL. Trees beginning 1414' from DER, 211' left of centerline, up to 7603' MSL. Tree, vehicle on road beginning 1557' from DER, 67' left of centerline, up to 7604' MSL. Trees beginning 1729' from DER, 50' left of centerline, up to 7619' MSL. Tree, pole beginning 1963' from DER, 42' right of centerline, up to 7642' MSL. Pole, tree beginning 2831' from DER, 82' right of centerline, up to 66' AGL/7644' MSL.

## SALIDA, CO (CON'T)

### SALIDA AIRPORT HARRIET ALEXANDER FIELD (ANK) (CON'T)

**Rwy 24 (CON'T)**, pole 3575' from DER, 309' right of centerline, 59' AGL/7652' MSL. Transmission line, pole, tree beginning 3576' from DER, 64' right of centerline, up to 70' AGL/7664' MSL. Transmission line, pole, tree beginning 4197' from DER, 86' right of centerline, up to 74' AGL/7666' MSL. Pole beginning 5110' from DER, 1319' right of centerline, up to 37' AGL/7667' MSL. Building, pole beginning 5235' from DER, 553' right of centerline, up to 42' AGL/7675' MSL. Pole, tree beginning 5455' from DER, 394' right of centerline, up to 38' AGL/7676' MSL. Pole, tree beginning 5575' from DER, 714' right of centerline, up to 36' AGL/7678' MSL. Trees beginning 5849' from DER, 904' right of centerline, up to 7679' MSL. Tree, pole beginning 1.2 NM from DER, 2180' right of centerline, up to 7741' MSL. Pole, tree beginning 1.2 NM from DER, 2210' right of centerline, up to 39' AGL/7742' MSL. Trees beginning 1.3 NM from DER, 2557' right of centerline, up to 7746' MSL. Tree 1.4 NM from DER, 2760' right of centerline, 7749' MSL. Tree 1.4 NM from DER, 2837' right of centerline, 7752' MSL. Trees beginning 1.5 NM from DER, 2162' right of centerline, up to 7764' MSL. Pole, tree beginning 1.5 NM from DER, 965' right of centerline, up to 54' AGL/7769' MSL. Trees beginning 1.5 NM from DER, 2207' right of centerline, up to 7775' MSL. Pole 1.6 NM from DER, 1980' right of centerline, 36' AGL/7776' MSL. Pole, tree beginning 1.6 NM from DER, 1760' right of centerline, up to 37' AGL/7779' MSL. Pole 1.6 NM from DER, 1545' right of centerline, 36' AGL/7781' MSL. Pole, tree beginning 1.6 NM from DER, 1323' right of centerline, up to 38' AGL/7784' MSL. Pole, tree beginning 1.6 NM from DER, 1168' right of centerline, up to 50' AGL/7791' MSL. Pole, tree beginning 1.6 NM from DER, 2193' right of centerline, up to 33' AGL/7792' MSL. Pole 1.7 NM from DER, 2599' right of centerline, 35' AGL/7801' MSL. Poles beginning 1.7 NM from DER, 1370' right of centerline, up to 34' AGL/7803' MSL. Pole 1.7 NM from DER, 2741' right of centerline, 33' AGL/7805' MSL. Pole 1.8 NM from DER, 2828' right of centerline, 37' AGL/7812' MSL. Poles beginning 1.8 NM from DER, 1582' right of centerline, up to 51' AGL/7817' MSL. Pole 1.9 NM from DER, 2968' right of centerline, 36' AGL/7819' MSL. Pole 1.9 NM from DER, 2372' right of centerline, 38' AGL/7823' MSL. Pole 1.9 NM from DER, 1791' right of centerline, 56' AGL/7831' MSL. Pole 2 NM from DER, 2750' right of centerline, 41' AGL/7832' MSL. Tree 2.1 NM from DER, 4041' right of centerline, 100' AGL/7825' MSL. Tree 2.3 NM from DER, 4034' left of centerline, 100' AGL/7783' MSL. Trees beginning 2.3 NM from DER, 4023' right of centerline, up to 100' AGL/7832' MSL. Tree 2.3 NM from DER, 4242' left of centerline, 100' AGL/7825' MSL. Tree 2.4 NM from DER, 4163' left of centerline, 100' AGL/7832' MSL. Tree 2.4 NM from DER, 4083' left of centerline, 100' AGL/7852' MSL. Trees beginning 2.4 NM from DER, 4004' left of centerline, up to 100' AGL/7891' MSL. Trees beginning 2.4 NM from DER, 4102' right of centerline, up to 100' AGL/7835' MSL. Trees beginning 2.4 NM from DER, 3959' left of centerline, up to 100' AGL/7920' MSL.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



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



20030

L13

SW-1





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



20030

## SANTA FE, NM

### SANTA FE MUNI (SAF)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4A 18144 (FAA)

TAKEOFF MINIMUMS: **Rwy 2**, std. w/min. climb of 295' per NM to 9000. **Rwy 28**, std. w/min. climb of 280' per NM to 7800.

DEPARTURE PROCEDURE: **Rwy 2, 10, 33**, Climbing right turn direct SAF VORTAC, thence... **Rwy 15**, Climb direct SAF VORTAC, thence... **Rwy 20, 28**, Climbing left turn direct SAF VORTAC, thence... continue climb in SAF VORTAC holding pattern (hold se, right turns, 332° inbound) to cross SAF VORTAC at or above airway MEA/MCA for direction of flight. Pilots shall notify SAF air traffic control tower or Albuquerque Air Route Traffic Control Center prior to flying this departure procedure.

TAKEOFF OBSTACLE NOTES: **Rwy 10**, vehicle on road beginning 7' from DER, on centerline, up to 15' AGL/6308' MSL. Vehicle on road beginning 172' from DER, 340' left of centerline, up to 15' AGL/6319' MSL. **Rwy 15**, vegetation 75' from DER, 212' left of centerline, 15' AGL/6279' MSL. **Rwy 20**, tree 85' from DER, 354' left of centerline, 13' AGL/6276' MSL. Rising terrain 231' from DER, 471' right of centerline, 6282' MSL. **Rwy 28**, bush 77' from DER, 479' right of centerline, 6290' MSL. Pole 1.3 NM from DER, 1166' right of centerline, up to 98' AGL/6496' MSL. Pole 1.6 NM from DER, 2549' left of centerline, 78' AGL/6561' MSL.

## SANTA TERESA, NM

### DONA ANA COUNTY INTL JETPORT (DNA)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-B 17173 (FAA)

TAKEOFF MINIMUMS: **Rwy 10**, std. with a min. climb of 430' per NM to 8500, or 2800-3 for VCOA. **Rwy 28**, std. with a min. climb of 365' per NM to 8300, or 2800-3 for VCOA.

VCOA: **Rwys 10, 28**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Dona Ana County Intl Jetport at or above 6800 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 10**, bushes and light support structure beginning 6' from DER, 29' left of centerline, up to 7' AGL/4115' MSL. Light support structure 9' from DER, 30' right of centerline, 1' AGL/4111' MSL. Bush 159' from DER, 518' right of centerline, 4115' MSL. **Rwy 28**, light support structure 9' from DER, 29' right of centerline, 4112' MSL. Sign 31' from DER, 250' left of centerline, 4113' MSL. Railroad 1335' from DER, 837' left of centerline, 23' AGL/4148' MSL.

## SILVER CITY, NM

### GRANT COUNTY (SVC)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2 14149 (FAA)

TAKEOFF MINIMUMS: **Rwys 3, 12, 17, 21, 30, 35**, NA-Environmental.

DEPARTURE PROCEDURE: **Rwys 8, 26**, use SILVER CITY DEPARTURE.

## SOCORRO, NM

### SOCORRO MUNI (ONM)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3 09239 (FAA)

TAKEOFF MINIMUMS: **Rwys 6, 15, 24**, NA-terrain.

**Rwy 33**, 200-1¼ or std. w/min. climb of 216' per NM to 5100, or alternatively, with standard TAKEOFF minimums and a normal 200'/NM climb gradient, TAKEOFF must occur no later than 1500' prior to DER.

DEPARTURE PROCEDURE: **Rwy 33**, climbing right turn via heading 030° and ONM VORTAC R-179 to ONM VORTAC, continue climb-in-hold (hold North, right turns, 182° inbound) to cross ONM VORTAC at or above MEA/MCA for direction of flight.

TAKEOFF OBSTACLE NOTES: **Rwy 33**, trees beginning 67' from DER, 66' left of centerline, up to 15' AGL/4814' MSL. Trees beginning 436' from DER, 438' right of centerline, up to 15' AGL/4814' MSL. Tower 4996' from DER, 1161' left of centerline, 147' AGL/4947' MSL. Tower 5851' from DER, 584' right of centerline, 200' AGL/4956' MSL.

## SPRINGFIELD, CO

### SPRINGFIELD MUNI (8V7)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A 18144 (FAA)

TAKEOFF MINIMUMS: **Rwy 17**, 500-3 or std. w/min. climb of 220' per NM to 5000.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, terrain 2' from DER, 148' right of centerline, 4388' MSL. Pole, vertical point beginning 9' from DER, 9' left of centerline, up to 4390' MSL. Fence 17' from DER, 445' right of centerline, 3' AGL/4396' MSL. Vehicle on road, terrain beginning 134' from DER, 494' right of centerline, up to 4410' MSL. Poles, tank beginning 403' from DER, 581' right of centerline, up to 30' AGL/4425' MSL. Antenna 2.5 NM from DER, 2924' right of centerline, up to 30' AGL/4425' MSL. Tower 2.5 NM from DER, 2923' right of centerline, 417' AGL/4802' MSL. **Rwy 35**, pole 9' from DER, 10' right of centerline, 3' AGL/4392' MSL. Fence 117' from DER, 446' left of centerline, 3' AGL/4394' MSL. Vehicle on road 222' from DER, 546' left of centerline, 4408' MSL. Poles beginning 539' from DER, 622' left of centerline, up to 28' AGL/4420' MSL. Pole 1195' from DER, 623' left of centerline, 29' AGL/4421' MSL.

## STEAMBOAT SPRINGS, CO

### STEAMBOAT SPRINGS/BOB ADAMS FIELD (SBS)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2 20030 (FAA)

TAKEOFF MINIMUMS: **Rwy 14**, std. w/min. climb of 657' per NM to 8900 or 3700-3 for VCOA. **Rwy 32**, std. w/min. climb of 519' per NM to 9600 or 3700-3 for VCOA.

DEPARTURE PROCEDURE: **Rwy 14**, climbing right turn to 14000 on heading 220°, thence ... **Rwy 32**, climb on heading 323° to 7500, then climbing left turn to 14000 direct BQZ VOR/DME, thence ...

... On BQZ R-172 to SBURG and hold, continue climb-in-hold to 14000 (hold south right turns, 352° inbound).

VCOA: All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross BQZ VOR/DME at or above 10400, continue climb to 14000 on BQZ R-172 to SBURG INT/BQZ 11.35 DME and hold, continue climb-in-hold to 14000 (hold south, right turns, 352° inbound).

TAKEOFF OBSTACLE NOTES: **Rwy 14**, tree 171' from DER, 144' left of centerline, 6887' MSL. **Rwy 32**, tree 1.6 NM from DER, 3107' right of centerline, 100' AGL/7169' MSL. Trees beginning 1.7 NM from DER, 2988' right of centerline, up to 30' AGL/7219' MSL.



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



20030





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



## STERLING, CO

### STERLING MUNI (STK)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 12264 (FAA)

TAKEOFF MINIMUMS: **Rwy 4, 22**, NA-Environmental.  
TAKEOFF OBSTACLE NOTES: **Rwy 15**, pole 548' from  
DER, 441' right of centerline, 30' AGL/4040' MSL. **Rwy 33**,  
multiple buildings, signs beginning 10' from DER, left and  
right of centerline, up to 16' AGL/4065' MSL. Wall 192'  
from DER, 511' left of centerline, 6' AGL/4052' MSL.  
Multiple trees beginning 573' from DER, 339' left of  
centerline, up to 41' AGL/4090' MSL.

## TAOS, NM

### TAOS RGNL (SKX)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 17341 (FAA)

TAKEOFF MINIMUMS: **Rwy 31**, std. w/ min. climb of 225'  
per NM to 8500 or 1100 - 3 for VCOA.  
DEPARTURE PROCEDURE: **Rwy 4**, climbing left turn to  
intercept TAS VORTAC R-100 to TAS VORTAC. Do not  
exceed 240 K until TAS VORTAC. thence . . . **Rwy 13**,  
climbing right turn to intercept TAS VORTAC R-150 to  
TAS VORTAC. Do not exceed 240 K until TAS VORTAC.  
thence . . . **Rwy 22**, climbing right turn to intercept TAS  
VORTAC R-150 to TAS VORTAC. Do not exceed 240 K  
until TAS VORTAC. thence . . . **Rwy 31**, climbing left turn  
to intercept TAS VORTAC R-125 to TAS VORTAC. Do  
not exceed 240 K until TAS VORTAC. thence . . .  
. . . climb in TAS VORTAC holding pattern (hold S, right  
turn, 353° inbound) expect further clearance to 11700  
before proceeding enroute.

VCOA: **Rwy 31**, obtain ATC approval for VCOA when  
requesting IFR clearance. Climb in visual conditions to  
cross TAOS RGNL Airport at or above 8000, then on TAS  
R-117 to TAS VORTAC, thence climb in TAS VORTAC  
holding pattern (hold S, right turn, 353° inbound) to 11700  
before proceeding enroute.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, wind indicator, pole  
beginning 122' from DER, 139' right of centerline, up to 15'  
AGL/7108' MSL. Road 163' from DER, 512' left of  
centerline, 7107' MSL. Road 276' from DER, 512' left of  
centerline, 7108' MSL. Pole 387' from DER, 547' left of  
centerline, 38' AGL/7127' MSL. Pole, road, building, tree  
beginning 409' from DER, 307' left of centerline, up to 39'  
AGL/7131' MSL. Tree 969' from DER, 358' left of  
centerline, 29' AGL/7134' MSL. Pole beginning 1275' from  
DER, 626' right of centerline, up to 7134' MSL. Pole 1429'  
from DER, 486' right of centerline, 31' AGL/7138' MSL.  
Pole 1603' from DER, 801' left of centerline, 7141' MSL.

**Rwy 22**, traverse way 36' from DER, 353' left of  
centerline, 7062' MSL. Traverse way 173' from DER, 354'  
left of centerline, 7061' MSL.

## TELLURIDE, CO

### TELLURIDE RGNL (TEX)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 15288 (FAA)

TAKEOFF MINIMUMS: **Rwy 9**, NA-obstacles.

**Rwy 27**, std. w/min. climb of 265' per NM to 10000, or  
5400-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 27**, climb to 12000 on  
heading 276° and the ETL R-096 to ETL VOR/DME. For  
aircraft departing V-382 southeast bound, continue climb-  
in-hold to 14200.

VCOA: **Rwy 27**, obtain ATC approval for climb in visual  
conditions when requesting IFR clearance. Climb in visual  
conditions to cross Telluride RGNL airport westbound or  
above 14300 then proceed on ETL R-096 to ETL VOR/  
DME.

TAKEOFF OBSTACLE NOTES: **Rwy 27**, terrain 174' from  
DER, 335' left of centerline, 9090' MSL. Terrain 286' from  
DER, 288' left of centerline, 9076' MSL. Fence 32' from  
DER, 430' left of centerline, 10' AGL/9106' MSL. Fence  
154' from DER, 423' right of centerline, 15' AGL/9068'  
MSL. Fence 292' from DER, 422' right of centerline, 18'  
AGL/9065' MSL. Tree 32' from DER, 420' left of  
centerline, 72' AGL/9111' MSL. Tree 67' from DER, 495'  
left of centerline, 88' AGL/9126' MSL. Tree 70' from DER,  
498' left of centerline, 86' AGL/9124' MSL. Tree 77' from  
DER, 415' left of centerline, 73' AGL/9111' MSL. Tree 173'  
from DER, 530' right of centerline, 41' AGL/9079' MSL.  
Tree 234' from DER, 385' left of centerline, 55' AGL/9093'  
MSL. Tree 385' from DER, 380' right of centerline, 56'  
AGL/9094' MSL. Tree 431' from DER, 266' right of  
centerline, 50' AGL/9088' MSL.

## TRINIDAD, CO

### PERRY STOKES (TAD)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 5 16259 (FAA)

DEPARTURE PROCEDURE: Use TRINIDAD RNAV  
DEPARTURE.

## TRUTH OR CONSEQUENCES, NM

### TRUTH OR CONSEQUENCES MUNI (TCS)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 19115 (FAA)

TAKEOFF MINIMUMS: **Rwys 1, 7, 11, 13, 15, 19, 25, 29,**  
**31, 33**, std. w/min. climb of 370' per NM to 13000 or 3700-  
3 for VCOA.

VCOA: **Rwys 1, 7, 11, 13, 15, 19, 25, 29, 31, 33**, obtain  
ATC approval for VCOA when requesting IFR clearance.  
Climb in visual conditions to cross Truth or Consequences  
Muni airport at or above 8400 before proceeding on  
course.

TAKEOFF OBSTACLE NOTES: **Rwy 7**, tree 196' from  
DER, 47' left of centerline, 4823' MSL. **Rwy 13**, fence 39'  
from DER, 342' left of centerline, 7' AGL/4796' MSL.  
Vegetation 65' from DER, 115' left of centerline, 4809'  
MSL. **Rwy 31**, vegetation 57' from DER, 399' left of  
centerline, 4861' MSL. Vegetation 170' from DER, 519' left  
of centerline, 4866' MSL. **Rwy 33**, tower 527' from DER,  
553' left of centerline, 66' AGL/4895' MSL.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



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







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



20030

## TUCUMCARI, NM

### TUCUMCARI MUNI (TCC)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2B 18312 (FAA)

DEPARTURE PROCEDURE: **Rwy 21**, climb on heading 208° until 5500 before turning right. **Rwy 26**, climb on heading 258° until 5500 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 3**, tree 98' from DER, 486' left of centerline, 4067' MSL. Tree 308' from DER, 499' left of centerline, 4072' MSL. Tree 354' from DER, 569' left of centerline, 4073' MSL. Tree 371' from DER, 485' left of centerline, 4087' MSL. **Rwy 8**, terrain 24' from DER, 331' left of centerline, 4040' MSL. **Rwy 21**, electrical system 7' from DER, 60' right of centerline, 3' AGL/4041' MSL. Vehicles on road 425' from DER, crossing centerline, 15' AGL/4055' MSL. Transmission line, pole beginning 494' from DER, 469' left of centerline, up to 34' AGL/4067' MSL. **Rwy 26**, vehicles on road 558' from DER, crossing centerline, 15' AGL/4079' MSL. Tree 595' from DER, 344' right of centerline, 4102' MSL. Tree 847' from DER, 578' right of centerline, 4114' MSL.

## YUMA, CO

### YUMA MUNI (2V6)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 18144 (FAA)

TAKEOFF MINIMUMS: **Rwys 12, 30**, NA - airport. **Rwy 34**, 200-1 1/8 or std. w/ min. climb of 240' per NM to 4400.

TAKEOFF OBSTACLE NOTES: **Rwy 16**, terrain and lighting beginning 15' from DER, 111' right of centerline, up to 4134' MSL. **Rwy 34**, terrain and sign beginning 13' from DER, 199' left of centerline, up to 4132' MSL. Trees beginning 845' from DER, 525' left of centerline, up to 4172' MSL. Grain elevator 2298' from DER, 821' right of centerline, 87' AGL/4216' MSL. Tree 2871' from DER, 1198' left of centerline, 4205' MSL. Building 5750' from DER, 830' left of centerline, 172' AGL/4302' MSL.

## WALDEN, CO

### WALDEN-JACKSON COUNTY (33V)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08157 (FAA)

TAKEOFF MINIMUMS: **Rwys 17, 35**, NA-ATC.

DEPARTURE PROCEDURE: **Rwys 4, 22**, Use WALRU  
RNAV DEPARTURE.

## WALSENBURG, CO

### SPANISH PEAKS AIRFIELD (4V1)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 13066 (FAA)

DEPARTURE PROCEDURE: Use GOSIP RNAV  
DEPARTURE.

## WRAY, CO

### WRAY MUNI (2V5)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 03079 (FAA)

TAKEOFF MINIMUMS: **Rwy 17**, 500-2 or std. with a min.  
climb of 280' per NM to 4400.

DEPARTURE PROCEDURE: **Rwy 17**, climbing right turn via  
AKO VOR/DME R-084 to 7000 before proceeding on  
course. **Rwy 35**, climbing left turn via AKO VOR/DME R-  
077 to 7000 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 35**, trees 2175' left of  
DER, 100' AGL/3778' MSL.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



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



20030

SW-1



INSTRUMENT APPROACH PROCEDURE CHARTS

**A** IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non-precision approaches and approaches with vertical guidance [NDB, VOR, LOC, TACAN, LDA, SDF, VOR/DME, ASR, RNAV (GPS) or RNAV (RNP)] are 800-2. Standard alternate minimums for precision approaches (ILS, PAR, or GLS) are 600-2. Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Civil pilots see FAR 91. IFR Alternate Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Minimums Notes for alternate airfield suitability.

NAME ALTERNATE MINIMUMS

**AKRON, CO**

COLORADO PLAINS

RGNL (AKO).....RNAV (GPS) Rwy 11  
RNAV (GPS) Rwy 29

Category D 800-2½.

**ALAMOGORDO, NM**

ALAMOGORDO-WHITE SANDS

RGNL (ALM).....RNAV (GPS) Rwy 4  
VOR Rwy 4

Category D, 1200-3.

**ALAMOSA, CO**

SAN LUIS VALLEY RGNL/

BERGMAN FIELD (ALS).....RNAV (GPS) Rwy 20  
NA when local weather not available.

**ALBUQUERQUE, NM**

ALBUQUERQUE INTL

SUNPORT (ABQ).....ILS or LOC Rwy 3<sup>1</sup>  
ILS or LOC Rwy 8<sup>1</sup>  
RADAR-1<sup>2</sup>  
RNAV (GPS) Y Rwy 3<sup>3</sup>  
VOR Rwy 8<sup>4</sup>

<sup>1</sup>ILS, LOC, Category D, 1200-3.

<sup>2</sup>Categories D, E, 1200-3.

<sup>3</sup>Category D, 1200-3.

<sup>4</sup>Categories A, B, 1100-2; Category C, 1100-3;  
Category D, 1200-3; Category E, 2200-3.

DOUBLE

EAGLE II (AEG).....RNAV (GPS) Rwy 4  
RNAV (GPS) Rwy 22

NA when local weather not available.

Category D, 900-2½.

**ARTESIA, NM**

ARTESIA

MUNI (ATS).....NDB Rwy 13<sup>1</sup>  
NDB Rwy 31<sup>2</sup>  
RNAV (GPS) Rwy 13<sup>2</sup>  
RNAV (GPS) Rwy 22<sup>2</sup>  
RNAV (GPS) Rwy 31<sup>2</sup>

<sup>1</sup>Categories C, D, 800-2½.

<sup>2</sup>Category D, 800-2½.

NAME ALTERNATE MINIMUMS

**ASPEN, CO**

ASPEN-PITKIN CO/SARDY

FIELD (ASE).....RNAV (GPS)-F  
VOR/DME-C

Categories A, B, 2400-2; Category C, 2400-3.

**BURLINGTON, CO**

KIT CARSON

COUNTY (ITR).....NDB Rwy 15

Category D, 800-2½.

**CARLSBAD, NM**

CAVERN CITY

AIR TRML (CNM).....ILS Rwy 3<sup>4</sup>  
RNAV (GPS) Rwy 3<sup>1</sup>  
RNAV (GPS) Rwy 14R<sup>2</sup>  
RNAV (GPS) Rwy 21<sup>2</sup>  
RNAV (GPS) Rwy 32L<sup>23</sup>  
VOR Rwy 32L<sup>23</sup>

<sup>1</sup>Categories A, B, 900-2; Category C, 900-2½;  
Category D, 1000-3.

<sup>2</sup>Category D, 1000-3.

<sup>3</sup>NA when local weather not available.

<sup>4</sup>ILS, Categories A, B, C, 700-2; Category D,  
1000-3; LOC, Category D, 1000-3.

**CLAYTON, NM**

CLAYTON MUNI

AIRPARK (CAO).....RNAV (GPS) Rwy 2  
RNAV (GPS) Rwy 20

NA when local weather not available.

**CLOVIS, NM**

CLOVIS MUNI (CVN).....RNAV (GPS) Rwy 4  
RNAV (GPS) Rwy 22  
VOR Rwy 22

NA when local weather not available.







NAME ALTERNATE MINIMUMS

**FORT COLLINS/LOVELAND, CO**

NORTHERN COLORADO

RGNL (FNL).....RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33<sup>1</sup>  
VOR-A

NA when local weather not available.

<sup>1</sup>Category D, 800-2½.

**FORT MORGAN, CO**

FORT MORGAN

MUNI (FMM).....RNAV (GPS) Rwy 14<sup>1</sup>  
RNAV (GPS) Rwy 32<sup>12</sup>

<sup>1</sup>Category D, 800-2½.

<sup>2</sup>NA when local weather not available.

**GALLUP, NM**

GALLUP

MUNI (GUP).....RNAV (GPS) Rwy 6<sup>12</sup>  
RNAV (GPS) Rwy 24<sup>3</sup>  
VOR Rwy 6<sup>4</sup>

<sup>1</sup>Categories A, B, 900-2; Category C, 900-2½;  
Category D, 900-3.

<sup>2</sup>NA when local weather not available.

<sup>3</sup>Categories A, B, 900-2; Category C, 900-2½;  
Category D, 900-3.

<sup>4</sup>Category C, 800-2½.

**GRAND JUNCTION, CO**

GRAND JUNCTION

RGNL (GJT).....ILS or LOC Rwy 11<sup>12</sup>  
LDA/DME Rwy 29<sup>3</sup>  
RNAV (GPS) Rwy 29<sup>4</sup>  
RNAV (GPS) Y Rwy 11<sup>3</sup>

<sup>1</sup>NA when control tower closed.

<sup>2</sup>LOC, Category D, 800-2¼.

<sup>3</sup>Category D, 800-2¼.

<sup>4</sup>Category D, 800-2½.

**GREELEY, CO**

GREELEY-WELD

COUNTY (GXY).....ILS or LOC Rwy 35<sup>1</sup>  
RNAV (GPS) Rwy 10<sup>2</sup>  
RNAV (GPS) Rwy 17<sup>2</sup>  
RNAV (GPS) Rwy 28<sup>2</sup>  
RNAV (GPS) Rwy 35<sup>2</sup>  
VOR-A<sup>2</sup>

NA when local weather not available.

<sup>1</sup>ILS, Category D, 700-2¼; LOC Category D,  
800-2¼.

<sup>2</sup>Category D, 800-2¼.

NAME

ALTERNATE MINIMUMS

**GUNNISON, CO**

GUNNISON-CRESTED

BUTTE RGNL (GUC).....ILS or LOC Rwy 6<sup>1</sup>  
RNAV (RNP) Rwy 6, 800-2¼<sup>4</sup>  
VOR or GPS-A<sup>23</sup>

<sup>1</sup>ILS, Categories A, B, C, 1000-3; LOC, Categories  
A, B, C, D 1600-3.

<sup>2</sup>Categories A, B, C, 1700-3; Cat D, 2300-3.

<sup>3</sup>NA when local altimeter setting not available  
except for operators with approved weather  
reporting service.

**HAYDEN, CO**

YAMPA

VALLEY (HDN).....ILS or LOC/DME Rwy 10<sup>12</sup>  
RNAV (GPS) Y Rwy 10<sup>12</sup>  
RNAV (GPS) Rwy 28<sup>4</sup>  
RNAV (RNP) Z Rwy 10<sup>15</sup>  
VOR/DME-B<sup>3</sup>

<sup>1</sup>NA when local weather not available.

<sup>2</sup>Categories A, B, 1200-2; Category C, 1200-3;  
Category D, 1600-3.

<sup>3</sup>Categories A, B, 1300-2; Categories C, D, 1300-3.

<sup>4</sup>Category C, 1100-3; Category D, 1600-3.

<sup>5</sup>Categories A, B, C, D, 1400-5.

**HOBBS, NM**

LEA COUNTY

RGNL (HOB).....ILS or LOC Rwy 3<sup>12</sup>  
LOC BC Rwy 21<sup>12</sup>  
RNAV (GPS) Rwy 3<sup>2</sup>  
RNAV (GPS) Rwy 21<sup>2</sup>  
RNAV (GPS) Rwy 30<sup>2</sup>  
VOR or TACAN Rwy 21

Category C, 800-2¼; Category D, 800-2½.

<sup>1</sup>NA when control tower closed.

<sup>2</sup>NA when local weather not available.

**KREMMLING, CO**

MC ELROY

AIRFIELD (20V).....RNAV (GPS)-B<sup>1</sup>  
RNAV (GPS) Rwy 27<sup>2</sup>  
VOR/DME-A<sup>3</sup>

<sup>1</sup>Categories A, B, 2100-2; Category C, 2100-3.

<sup>2</sup>Categories A, B, 1800-2; Category C, 1800-3.

<sup>3</sup>Categories A, B, 1800-2; Category C, 1900-3.

**LA JUNTA, CO**

LA JUNTA

MUNI (LHX).....RNAV (GPS) Rwy 8  
RNAV (GPS) Rwy 26

NA when local weather not available.

**LAMAR, CO**

LAMAR MUNI (LAA).....

RNAV (GPS) Rwy 8<sup>1</sup>  
RNAV (GPS) Rwy 18<sup>1</sup>  
RNAV (GPS) Rwy 36<sup>2</sup>  
VOR Rwy 18<sup>3</sup>

<sup>1</sup>NA when local weather not available.

<sup>2</sup>Category D, 800-2¼.

<sup>3</sup>Category C, 900-2½, Category D, 900-2¼.



NAME ALTERNATE MINIMUMS

**LAS CRUCES, NM**

LAS CRUCES  
INTL (LRU).....RNAV (GPS) Rwy 12  
RNAV (GPS) Rwy 30

NA when local weather not available.  
Category C, 900-2½; Category D, 900-2¾.

**LAS VEGAS, NM**

LAS VEGAS MUNI (LVS).....RNAV (GPS) Rwy 2  
RNAV (GPS) Rwy 20  
RNAV (GPS) Rwy 32  
VOR Rwy 20

NA when local weather not available.

**LEADVILLE, CO**

LAKE COUNTY (LXV).....RNAV (GPS) Rwy 16  
Category A, 900-2; Category B, 1200-2;  
Category C, 2100-3.

**LONGMONT, CO**

VANCE BRAND (LMO).....RNAV (GPS) Rwy 29<sup>2</sup>  
RNAV (GPS)-B<sup>1</sup>  
VOR/DME-A<sup>1</sup>

<sup>1</sup>NA when local weather not available.

<sup>2</sup>Category C, 900-2½; Category D, 1500-3.

**LOS ALAMOS, NM**

LOS ALAMOS (LAM).....RNAV (GPS) Y Rwy 27  
RNAV (GPS) Z Rwy 27

NA when local weather not available.  
Category C, 800-2½.

**MEEKER, CO**

MEEKER (EEO).....RNAV (GPS)-B<sup>2</sup>  
RNAV (GPS) Rwy 3<sup>1</sup>

<sup>1</sup>Categories A, B, 1800-2; Category C, 1800-3.

<sup>2</sup>Categories A, B, 1600-2; Category C, 1600-3.

**MONTROSE, CO**

MONTROSE  
RGNL (MTJ).....RNAV (GPS) Rwy 13<sup>1</sup>  
RNAV (GPS) Rwy 17<sup>1</sup>  
RNAV (GPS) Rwy 35<sup>2</sup>  
VOR Rwy 13<sup>2</sup>

<sup>1</sup>Category D, 1100-3.

<sup>2</sup>Category C, 900-2¾; Category D, 1000-3.

**PAGOSA SPRINGS, CO**

STEVENS FIELD (PSO).....RNAV (GPS) Rwy 1  
Category B, 900-2; Category C, 1300-3.

**PORTALES, NM**

PORTALES MUNI (PRZ).....RNAV (GPS) Rwy 1  
NA when local weather not available.

NAME ALTERNATE MINIMUMS

**PUEBLO, CO**

PUEBLO  
MEMORIAL (PUB).....ILS or LOC Rwy 8R<sup>1</sup>  
ILS or LOC Rwy 26L<sup>23</sup>  
RNAV (GPS) Rwy 8R<sup>4</sup>  
RNAV (GPS) Rwy 17<sup>56</sup>  
RNAV (GPS) Rwy 26L<sup>4</sup>  
RNAV (GPS) Rwy 35<sup>4</sup>  
VOR Rwy 26L<sup>7</sup>

<sup>1</sup>LOC, Category C, 900-2½; Categories D, E, 1100-3.

<sup>2</sup>NA when control tower closed.

<sup>3</sup>ILS, Categories A, B, 700-2; Category C, 900-2½; Category D, 1100-3; LOC, Category C, 900-2½; Category D, 1100-3.

<sup>4</sup>Category C, 900-2½; Category D, 1100-3.

<sup>5</sup>Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1000-3.

<sup>6</sup>NA when local weather not available.

<sup>7</sup>Category C, 900-2½.

**RANGELY, CO**

RANGELY (4V0).....RNAV (GPS) Rwy 7<sup>1</sup>  
RNAV (GPS) Rwy 25<sup>2</sup>

<sup>1</sup>Categories A, B, 2000-2; Category C, 2000-3.

<sup>2</sup>Categories A, B, 1700-2; Category C, 1800-3.

**RATON, NM**

RATON MUNI/CREWS  
FIELD (RTN).....VOR/DME Rwy 2  
Categories A, B, 1400-2; Categories C, D, 1400-3.

**RIFLE, CO**

RIFLE GARFIELD  
COUNTY (RIL).....LOC/DME-A<sup>1</sup>  
ILS Rwy 26<sup>2</sup>  
RNAV (GPS) Y Rwy 8<sup>3</sup>  
RNAV (GPS) W Rwy 26<sup>4</sup>  
RNAV (RNP) Y Rwy 26<sup>5</sup>  
RNAV (RNP) Z Rwy 8<sup>6</sup>  
RNAV (RNP) Z Rwy 26<sup>5</sup>  
VOR/DME-C<sup>3</sup>

<sup>1</sup>Categories A, B, 2300-2; Category C, 2300-3.

<sup>2</sup>ILS, Categories A, B, C, 1300-4.

<sup>3</sup>Categories A, B, 1900-2; Category C, 1900-3.

<sup>4</sup>Categories A, B, 1700-2; Category C, 1700-3.

<sup>5</sup>Categories A, B, C, 900-2½.

<sup>6</sup>Categories A, B, C, 900-3.

**ROSWELL, NM**

ROSWELL INTL AIR  
CENTER (ROW).....LOC BC Rwy 3<sup>1</sup>  
RNAV (GPS) Rwy 3<sup>2</sup>  
RNAV (GPS) Rwy 17<sup>2</sup>  
RNAV (GPS) Rwy 21<sup>2</sup>  
RNAV (GPS) Rwy 35<sup>2</sup>

<sup>1</sup>NA when control tower closed.

<sup>2</sup>NA when local weather not available.





20030

M5



NAME \_\_\_\_\_

## ALTERNATE MINIMUMS

**SALIDA, CO**

SALIDA AIRPORT HARRIETT ALEXANDER  
FIELD (ANK).....RNAV (GPS)-A  
Categories A, B, 2200-2.

**SANTA FE, NM**

SANTA FE MUNI (SAF).....ILS or LOC Rwy 2<sup>12</sup>  
RNAV (GPS) Rwy 2<sup>5</sup>  
RNAV (GPS) Rwy 15<sup>5</sup>  
RNAV (GPS) Rwy 20<sup>5</sup>  
RNAV (GPS) Rwy 28<sup>5</sup>  
RNAV (GPS) Rwy 33<sup>5</sup>  
VOR/DME-A<sup>34</sup>  
VOR Rwy 33<sup>34</sup>

<sup>1</sup>NA when control tower closed.<sup>2</sup>ILS, LOC, Category C, 1000-3; Category D, 1400-3.

<sup>3</sup>Category D, 800-2 $\frac{1}{4}$ .

<sup>4</sup>NA when control tower closed except for operators with approved weather reporting service.

<sup>5</sup>Category C, 1000-3; Category D, 1400-3.

**SILVER CITY, NM**

GRANT COUNTY (SVC).....VOR-A  
NA when Deming FSS closed.

**STERLING, CO**

STERLING MUNI (STK).....RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33  
NA when local weather not available.

**TAOS, NM**

TAOS REGIONAL (SKX).....RNAV (GPS) Rwy 13<sup>1</sup>  
VOR/DME-B<sup>2</sup>

<sup>1</sup>Category C, 900-2½; Category D, 1000-3.

<sup>2</sup>Categories A, B, 1000-2; Category C, 1000-2<sup>3</sup>/<sub>4</sub>; Category D, 1000-3.

TELLURIDE.CO

TELLURIDE RGNL (TEX).....LOC Rwy 9<sup>1</sup>  
RNAV (GPS) Y Rwy 9<sup>2</sup>  
RNAV (GPS) Z Rwy 9<sup>4</sup>  
VOR/DME-A<sup>3</sup>

<sup>1</sup>Categories A, B, 2300-2.

<sup>2</sup>Categories A, B, 3100-2.

<sup>3</sup>Categories A, B, 3400-6.

<sup>4</sup>Categories A, B, 2600-2; Category C, 2600-3.

## TRINIDAD, CO

PERRY  
STOKES (TAD).....RNAV (GPS) Rwy 3<sup>1</sup>  
RNAV (GPS) Rwy 21<sup>23</sup>

<sup>1</sup>Category D, 800-2½.<sup>2</sup>Category D, 900-2<sup>3</sup>/<sub>4</sub>.<sup>3</sup>NA when local weather not available.

## NAME \_\_\_\_\_

## ALTERNATE

TRUTH OR CONSEQUENCES. NM

TRUTH OR CONSEQUENCES  
MUNI (TCS).....**VOR-A**  
Category D. 800-214.

**WRAY, CO**

WRAY	
MUNI (2V5).....	RNAV (GPS) Rwy 17
	RNAV (GPS) Rwy 35

NA when local weather not available.

Category C, 900-2½; Category D, 900-2¾.



## ALTERNATE MINS

20030

M5

SW-1



SW-1, 30 JAN 2020 to 26 MAR 2020




RADAR INSTRUMENT APPROACH MINIMUMS


ALBUQUERQUE, NM

Amdt 21, 29MAY14 (14149) (FAA)

ELEV 5355

ALBUQUERQUE INTL SUNPORT (ABQ)

RADAR-1 123.9 127.4 253.5 354.1 

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	8		AB	5700/24	385	(400-½)	CDE	5700/35	385	(400-¾)
	3		AB	5700/24	395	(400-½)	CDE	5700/35	395	(400-¾)
 CIRCLING	ALL RWYS		A	5840-1	485	(500-1)	B	5920-1	565	(600-1)
			C	5920-1½	565	(600-1½)	DE	6460-3	1105	(1200-3)

CAUTION: Steeply rising terrain in the northeast quadrant exceeding 8000 at 8 NM from airport and in southeast quadrant exceeding 6300 at 4.6 NM from airport.  
Circling Category E not authorized southeast of Rwy 3-21 and northeast of Rwy 12-30.  
For inoperative MALSR, increase S-3 and S-8 CAT E visibility to RVR 6000.


SW-1, 30 JAN 2020 to 26 MAR 2020

ROSWELL, NM

Orig-B, 29MAR18 (18088) (FAA)

ELEV 3671

ROSWELL INTL AIR CENTER (ROW)

RADAR-1 119.6 239.0 

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	21 <sup>1</sup>		AB	4040-½	407	(500-½)	C	4040-¾	407	(500-¾)
			DE	4040-1	407	(500-1)				
	3		ABC	4020-1	353	(400-1)	DE	4020-1¼	353	(400-1¼)
	17		AB	4080-1	414	(500-1)	C	4080-1½	414	(500-1½)
			DE	4080-1¼	414	(500-1¼)				
	35		ABC	4060-1	389	(400-1)	D	4060-1¼	389	(400-1¼)
			E	4060-1½	389	(400-1½)				
CIRCLING	ALL RWYS		AB	4140-1	469	(500-1)	C	4140-1½	469	(500-1½)
			D	4240-2	569	(600-2)	E	4380-2½	709	(800-2½)

<sup>1</sup>For inoperative MALSR, increase CAT D visibility to 1¼, and CAT E visibility to 1½.  
Procedure NA when ROW ATCT closed.

SW-1, 30 JAN 2020 to 26 MAR 2020

RADAR INSTRUMENT APPROACH MINIMUMS



13234

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
COLORADO SPRINGS, CO			
CITY OF COLORADO SPRINGS			
MUNI (COS)	31	17R-35L	7,450 feet
	35L	13-31	10,250 feet
PUEBLO, CO			
PUEBLO MEMORIAL (PUB)	17	08L-26R	4,700 feet
	26L	17-35	8,300 feet

13234



17341

## 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 polygons 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*
ALAMOGORDO, NM HOLLOMAN AFB (HMN)	HS1	Twy R, Twy G, and Twy L have multiple hold lines for Rwy 07-25 and Rwy 04-22. Contact tower if confused or lost.
	HS2	Hold line on Twy /EOR A and Twy/EOR H have multiple POV access roads, possibility of high vehicle traffic.
	HS3	Hold line on Twy /EOR B and Twy C for Rwy 07-25 have multiple POV access roads, possibility of high vehicle traffic.
	HS4	Multiple hold lines at intersecting rwys. Landing/departing aircraft disregard hold lines, taxiing aircraft contact tower prior to crossing hold lines.
	HS5	Multiple hold lines where rwys intersect. Hold line also at Twy D. Contact tower if confused or lost.
	HS6	POV crossing controlled by tower. Hold line located on each side of Rwy 07-25. Possibility of high vehicular traffic.
ALBUQUERQUE, NM ALBUQUERQUE INTL SUNPORT (ABQ)	HS 1	Hold Position Marking on Twy E1 for Rwy 08 and Rwy 12.
	HS 2	Twy G1 from Cutter Aviation ramp and Rwy 12-30.
	HS 3	Complex int at Twy F, Twy C, Twy G. Twy G and Rwy 03-21
	HS 4	Twy E5 permanently closed. Twy E int with Rwy 03-21, Twy H, and Hot Pad 2.
ASPEN, CO ASPEN-PITKIN COUNTY / SARDY FIELD (ASE)	HS 1	Twy A2. Short taxi distance from ramp to rwy.
	HS 2	Twy A3. Short taxi distance from ramp to rwy.
	HS 3	Rwy 33 and Twy A9. Non-typical location for rwy holding position marking.
COLORADO SPRINGS, CO CITY OF COLORADO SPRINGS (COS)	HS 1	The apch ends of Rwy 13 and Rwy 17R; and Twy A1.
	HS 2	Twy A4 and Twy G at Rwy 17R-35L.
	HS 3	Int of Twy E4, Twy G, Twy H and Twy E.
	HS 4	Apch ends of Rwy 35R and Rwy 35L.
DENVER, CO CENTENNIAL (APA)	HS 1	Rwy 17L at Twy A1.
	HS 2	Twy A, Twy A8, Twy A9 and Twy C1 congested INT.
	HS 3	Twy C1 close proximity to Rwy 10.
	HS 4	Hold Short Line for Rwy 17L-35R on Twy B8
DENVER, CO DENVER INTL (DEN)	HS 1	Twy ED at Twy M. Close proximity to Rwy 17R apch.

(SEE CONTINUATION PAGE FOR MORE LISTINGS)

17341



16315

## HOT SPOTS

(CONTINUED)

CITY/AIRPORT	HOT SPOT	DESCRIPTION*
DENVER, CO		
ROCKY MOUNTAIN		
METROPOLITAN (BJC)	HS 1	Frequent helicopter operations.
	HS 2	Multiple hold lines in close proximity. Hold line on Twy B south of Rwy 12R-30L is prior to Twy D.
EAGLE, CO		
EAGLE COUNTY RGNL (EGE)	HS 1	High density parking area.
GRAND JUNCTION, CO		
GRAND JUNCTION RGNL (GJT)	HS 1	Rwy 22 and Rwy 29 close proximity, wrong rwy departure risk.
ROSWELL, NM		
ROSWELL INTL AIR CENTER		
(ROW)	HS 1	Twy A, Twy B, and Twy D form a complex int in close proximity to Rwy 03-21.

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

16315

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

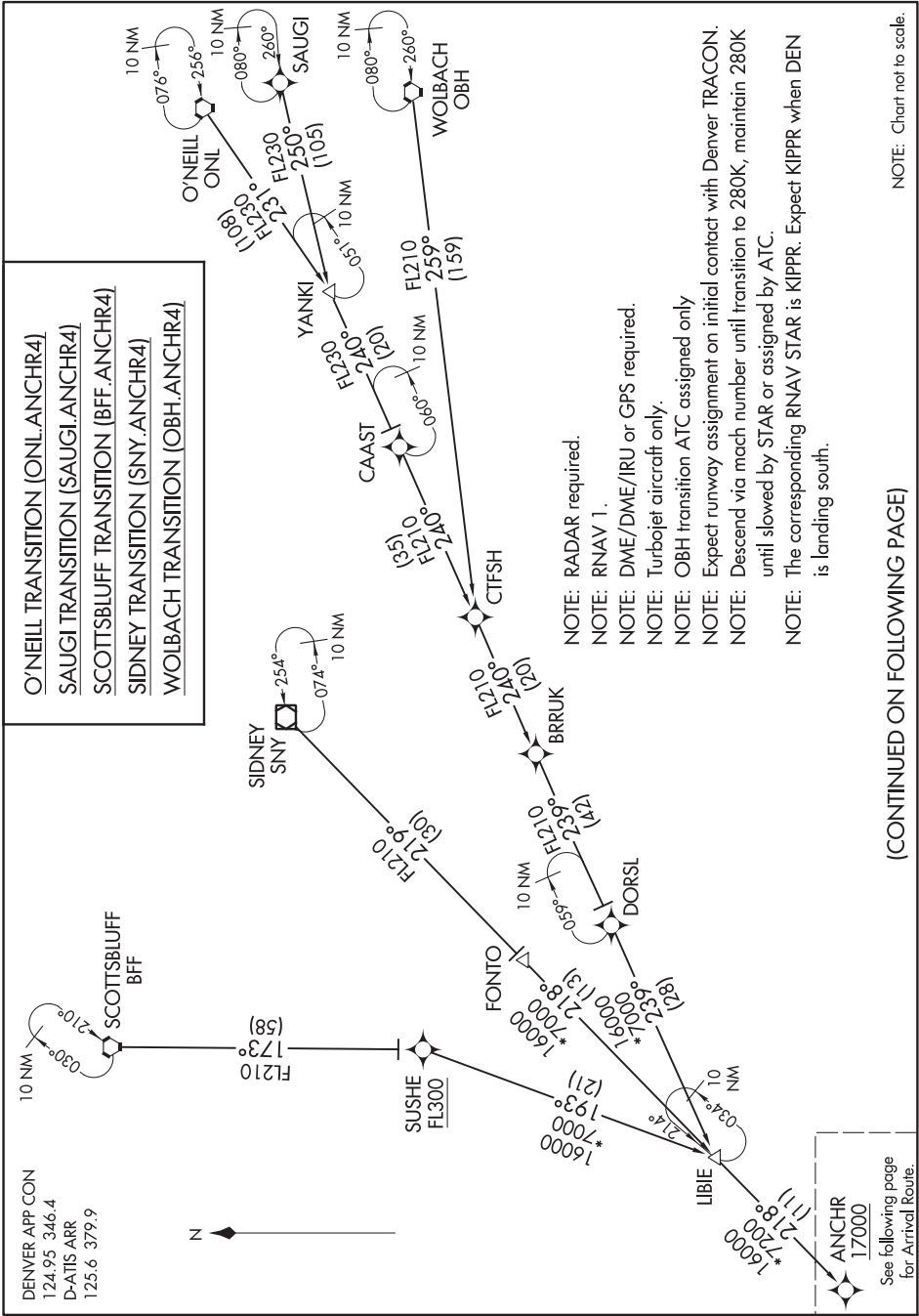


(ANCHR.ANCHR4) 17173

AL-9077 (FAA)

ANCHR FOUR ARRIVAL (RNAV) Transition Routes

DENVER INTL (DEN)  
DENVER, COLORADO



NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

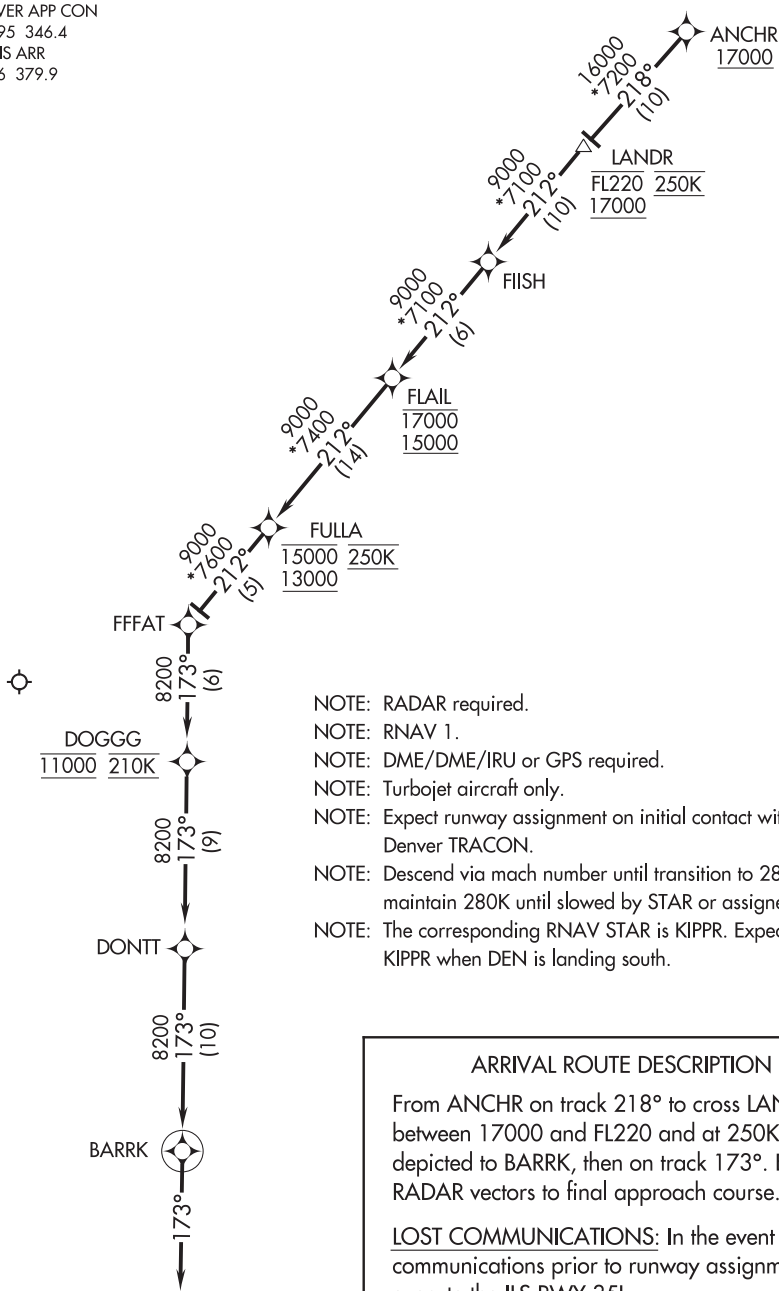
ANCHR FOUR ARRIVAL (RNAV) Transition Routes

(ANCHR.ANCHR4) 15SEP16

DENVER, COLORADO  
DENVER INTL (DEN)



DENVER APP CON  
124.95 346.4  
D-ATIS ARR  
125.6 379.9



- NOTE: RADAR required.  
NOTE: RNAV 1.  
NOTE: DME/DME/IRU or GPS required.  
NOTE: Turbojet aircraft only.  
NOTE: Expect runway assignment on initial contact with Denver TRACON.  
NOTE: Descend via mach number until transition to 280K, maintain 280K until slowed by STAR or assigned by ATC.  
NOTE: The corresponding RNAV STAR is KIPPR. Expect KIPPR when DEN is landing south.

ARRIVAL ROUTE DESCRIPTION

From ANCHR on track 218° to cross LANDR between 17000 and FL220 and at 250K, then as depicted to BARRK, then on track 173°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS: In the event of lost communications prior to runway assignment, execute the ILS RWY 35L.

NOTE: Chart not to scale.

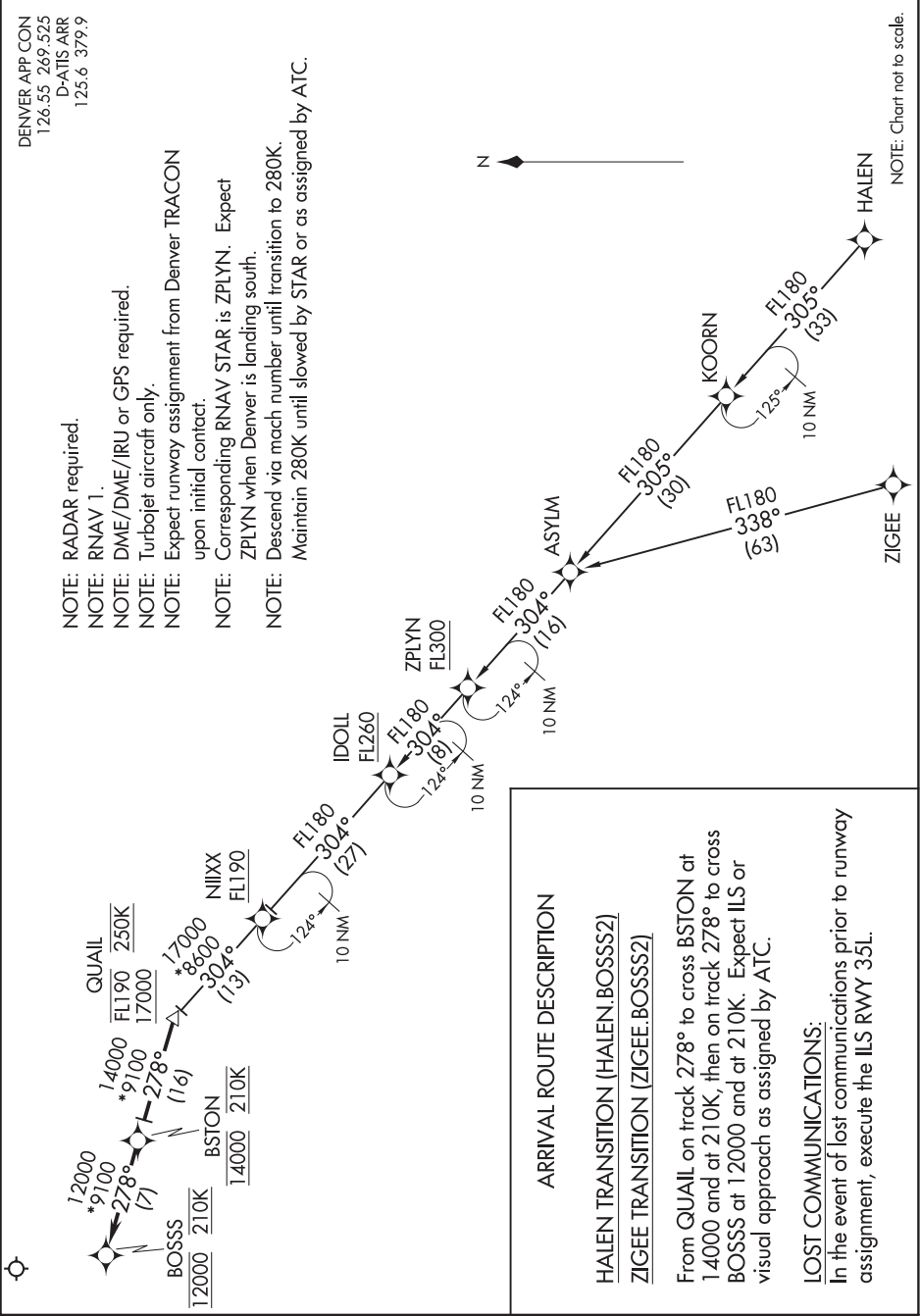


BOSSS TWO ARRIVAL (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



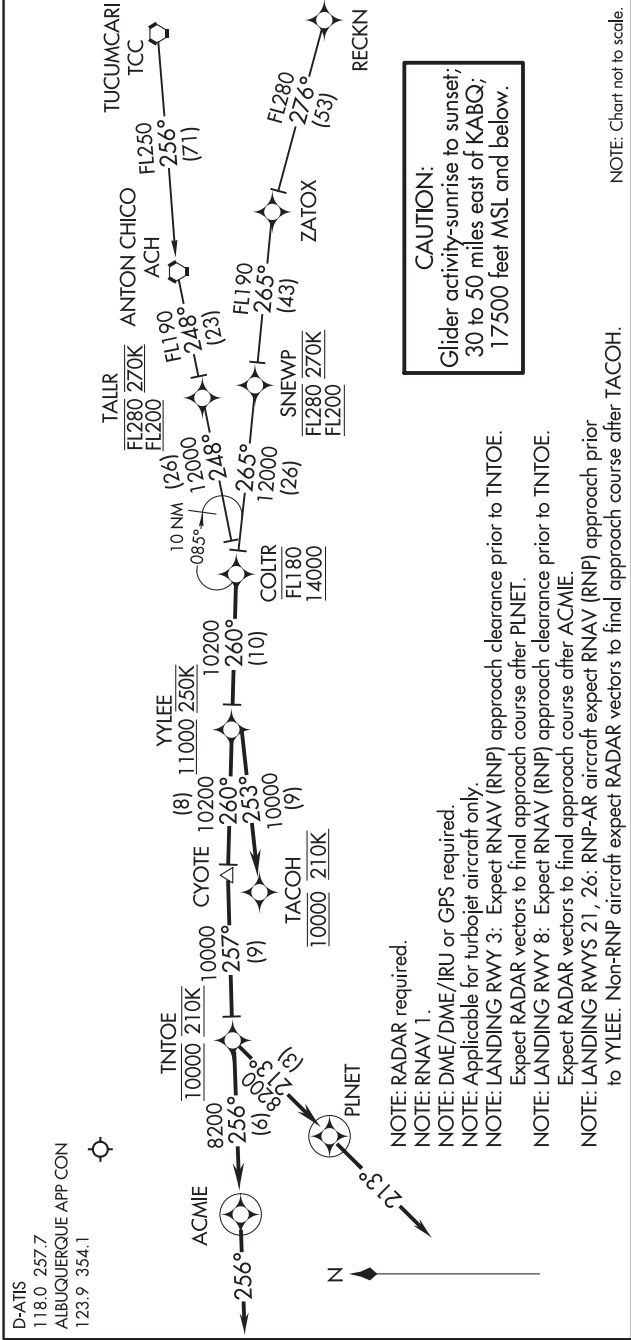
BOSSS TWO ARRIVAL (RNAV)

SW-1, 30 JAN 2020 to 26 MAR 2020



D-ATIS  
118.0 257.7  
ALBUQUERQUE APP CON  
123.9 354.1

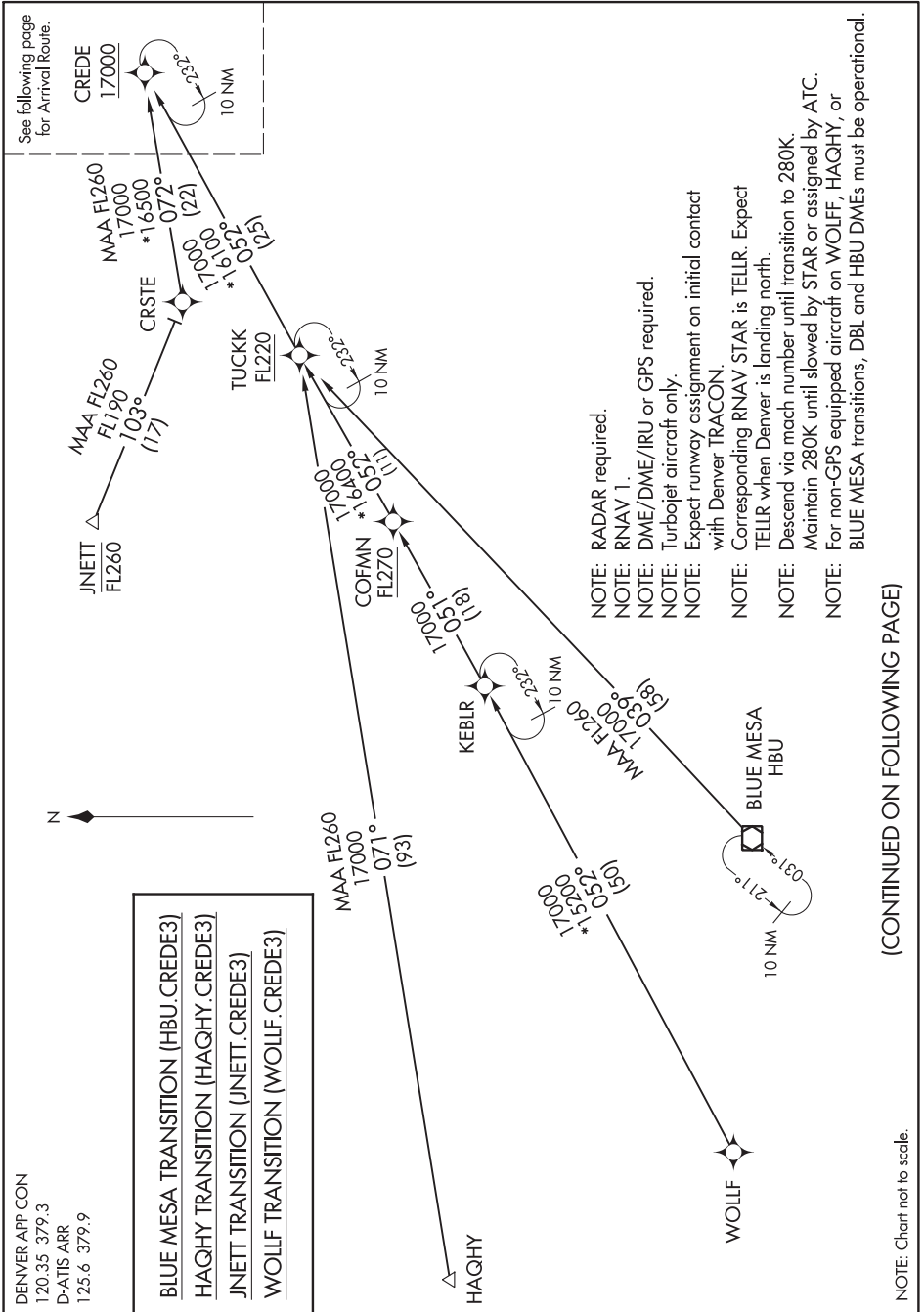
COLTR THREE ARRIVAL (RNAV)  
(COLTR.COLTR3) 29MAY14



RECKN TRANSITION (RECKN.COLTR3)	ARRIVAL ROUTE DESCRIPTION
TUCUMCARI TRANSITION (TCC.COLTR3)	From COLTR on track 260° to cross YYLEE at or above 11000 and at 250K. <b>LANDING RUNWAY 3:</b> From YYLEE on track 260° to CYOTE, then on track 257° to cross TANTOE at 10000 and at 210K, then on track 213° to PLNET, then on track 213°. Expect RADAR vectors to final approach course. <b>LANDING RUNWAY 8:</b> From YYLEE on track 260° to CYOTE, then on track 257° to cross TANTOE at 10000 and at 210K, then on track 256° to ACME, then on track 256°. Expect RADAR vectors to final approach course. <b>LANDING RUNWAYS 21, 26:</b> From YYLEE on track 253° to cross TACO at 10000 and at 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.



SW-1, 30 JAN 2020 to 26 MAR 2020



NOTE: Chart not to scale.

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER APP CON  
120.35 379.3  
D-ATIS ARR  
125.6 379.9

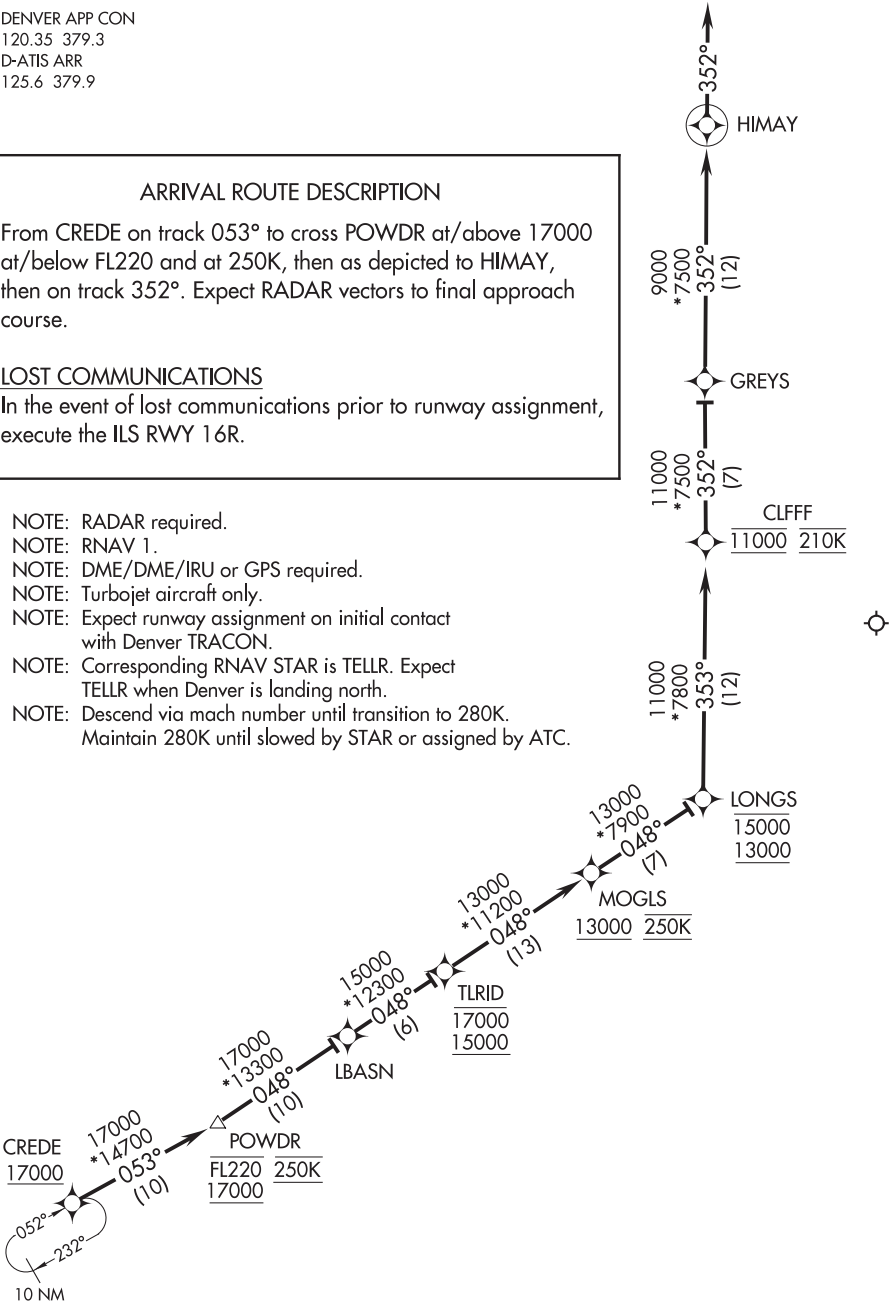
ARRIVAL ROUTE DESCRIPTION

From CREDE on track 053° to cross POWDR at/above 17000 at/below FL220 and at 250K, then as depicted to HIMAY, then on track 352°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS

In the event of lost communications prior to runway assignment, execute the ILS RWY 16R.

- NOTE: RADAR required.
- NOTE: RNAV 1.
- NOTE: DME/DME/IRU or GPS required.
- NOTE: Turbojet aircraft only.
- NOTE: Expect runway assignment on initial contact with Denver TRACON.
- NOTE: Corresponding RNAV STAR is TELLR. Expect TELLR when Denver is landing north.
- NOTE: Descend via mach number until transition to 280K. Maintain 280K until slowed by STAR or assigned by ATC.



NOTE: Chart not to scale.



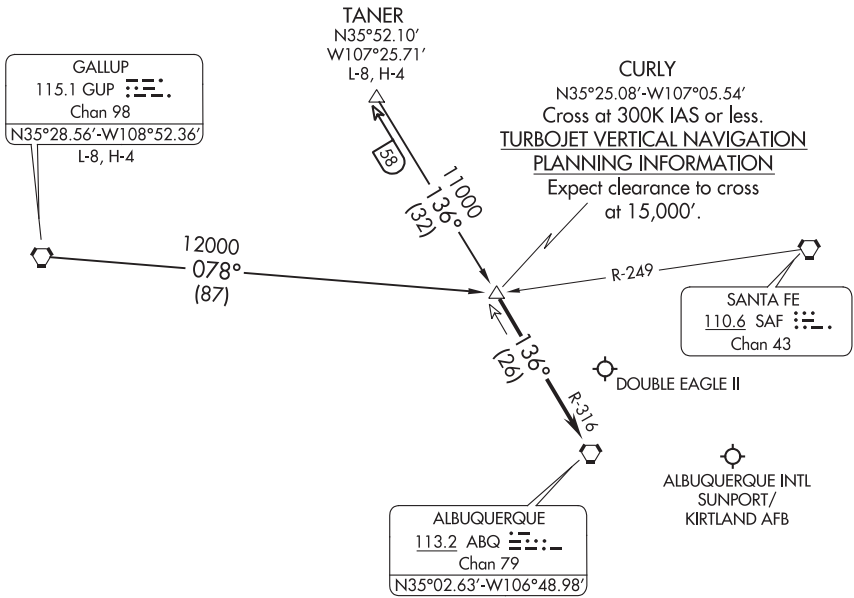
(CURLY.CURLY3) 17117

## CURLY THREE ARRIVAL

AL-12 (FAA)

ALBUQUERQUE, NEW MEXICO

ALBUQUERQUE APP CON  
127.4 253.5  
D-ATIS  
118.0 257.7



NOTE: Chart not to scale.

GALLUP TRANSITION (GUP.CURLY3): From over GUP VORTAC on GUP R-078 to CURLY. Thence....

TANER TRANSITION (TANER.CURLY3): From over TANER on ABQ R-316 to CURLY. Thence....

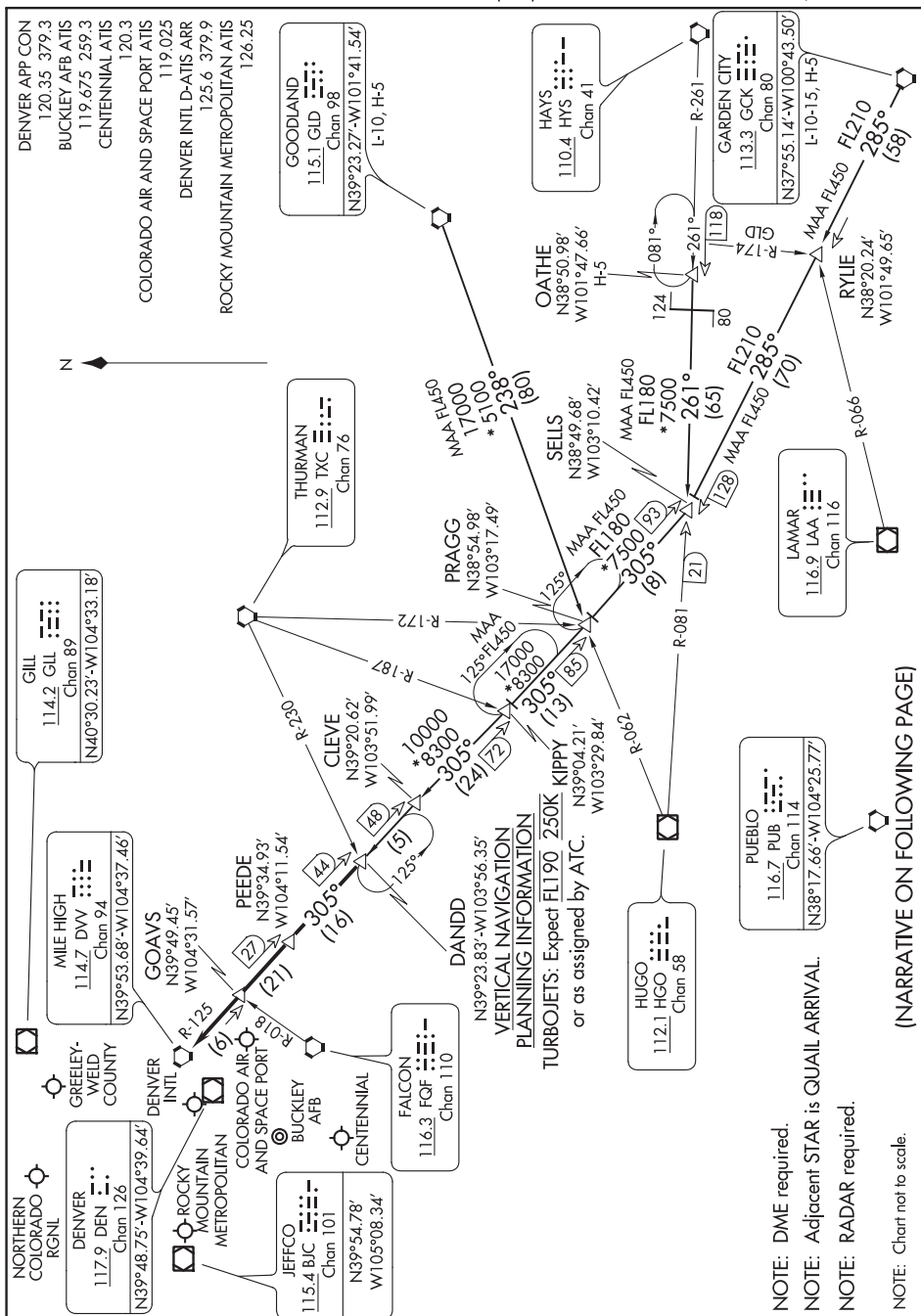
....From over CURLY on ABQ R-316 to ABQ VORTAC. Expect vectors to final approach course after passing CURLY.

## CURLY THREE ARRIVAL

ALBUQUERQUE, NEW MEXICO

(CURLY.CURLY3) 02MAR17





SW-1, 30 JAN 2020 to 26 MAR 2020

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

## DANDD ONE ARRIVAL

(DANDD.DANDD1) 30JAN20

DENVER, COLORADO



ARRIVAL ROUTE DESCRIPTION

GARDEN CITY TRANSITION (GCK.DANDD1): From over GCK VORTAC on GCK R-285 and DVV R-125 to DANDD. Thence. . . .

GOODLAND TRANSITION (GLD.DANDD1): From over GLD VORTAC on GLD R-238 and DVV R-125 to DANDD. Thence. . . .

OATHE TRANSITION (OATHE.DANDD1): From over OATHE on HYS R-261 and HGO R-081 to SELLS, then on DVV R-125 to DANDD. Thence. . . .

. . . .from over DANDD on DVV R-125 to DVV VORTAC. Expect RADAR vectors to the final approach course at or before DVV VORTAC.

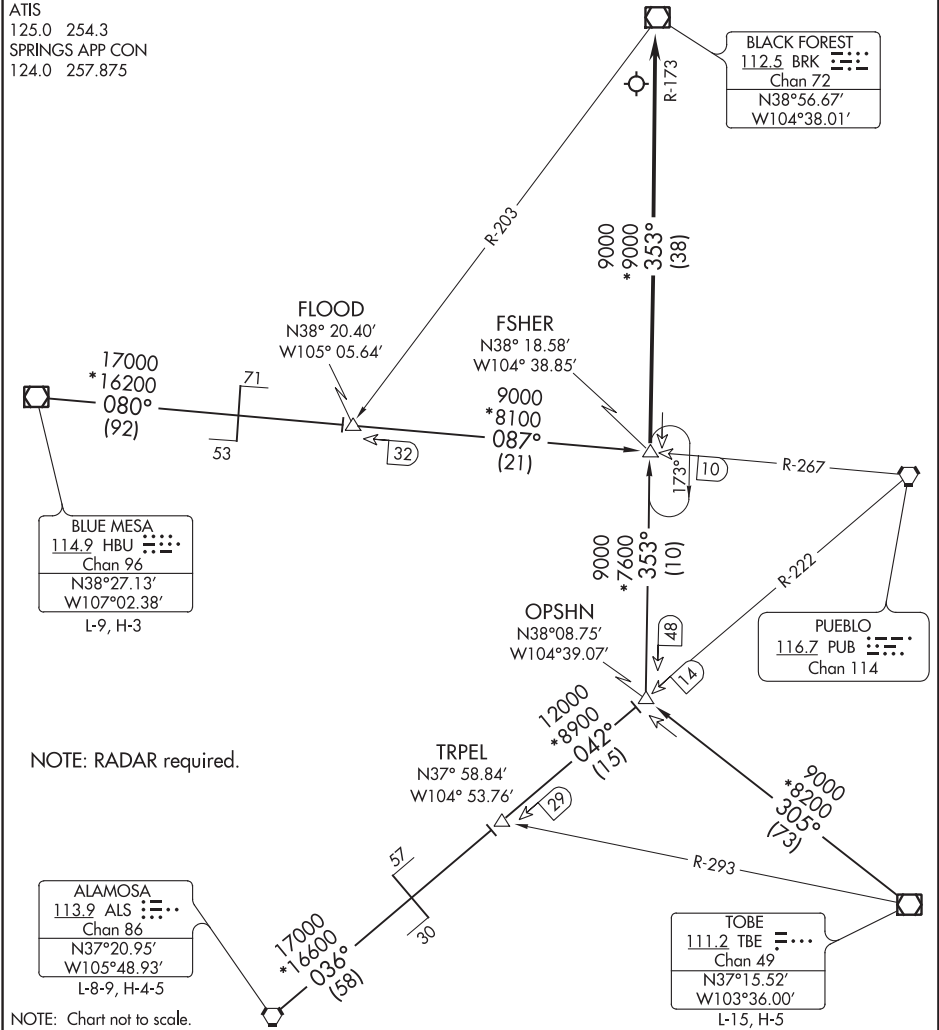
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DEBERRY THREE ARRIVAL

ATIS  
125.0 254.3  
SPRINGS APP CON  
124.0 257.875



ARRIVAL ROUTE DESCRIPTION

ALAMOSA TRANSITION (ALS.DBRY3): From over ALS VORTAC on ALS R-036 and PUB R-222 to TRPEL INT, then on PUB R-222 and BRK R-173 to FSHER INT. Thence. . .

BLUE MESA TRANSITION (HBU.DBRY3): From over HBU VOR/DME on HBU R-080 and PUB R-267 to FLOOD INT then on PUB R-267 to FSHER INT. Thence. . .

TOBE TRANSITION (TBE.DBRY3): From over TBE VOR/DME on TBE R-305 and BRK R-173 to FSHER INT. Thence. . .

. . . From over FSHER INT via BRK R-173 to BRK VOR/DME. Expect RADAR vectors to the final approach course at or before BRK VOR/DME.

LOST COMMUNICATIONS: Proceed to BRK VOR/DME.

DEBERRY THREE ARRIVAL

(FSHER.DBRY3) 26MAY16

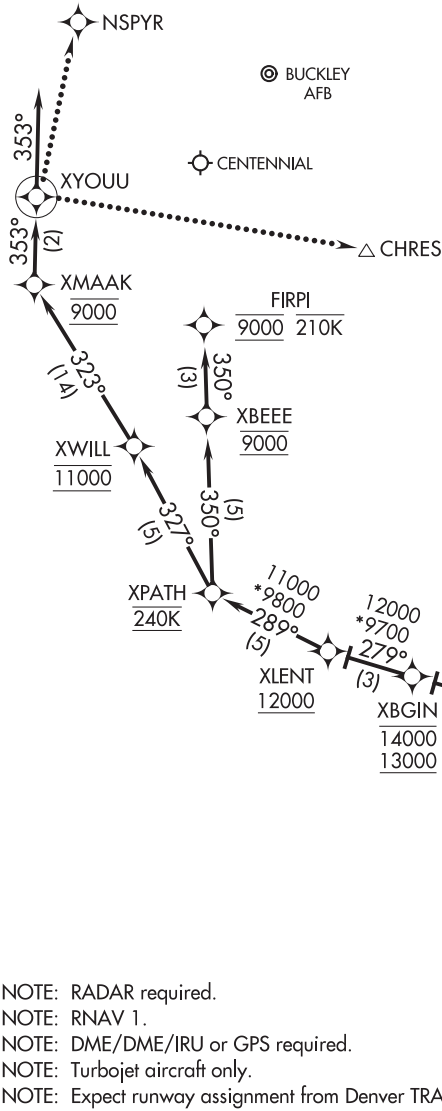


(LAYLA.DUNNN2) 16035

## DUNNN TWO ARRIVAL (RNAV)

AL-5715 (FAA)

DENVER,COLORADO

 ROCKY MOUNTAIN  
METROPOLITAN


DENVER APP CON  
128.45 251.075  
SPRINGS APP CON  
118.5 239.025  
BUCKLEY AFB ATIS\*  
119.675 259.3  
CENTENNIAL ATIS  
120.3  
ROCKY MOUNTAIN METRO ATIS  
126.25  
BUCKLEY AFB TOWER\*  
121.0 291.675  
CENTENNIAL TOWER  
118.9  
METRO TOWER\*  
118.6 233.7

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: Expect runway assignment from Denver TRACON upon initial contact.

NOTE: Landing Buckley Air Force Base expect RADAR vectors to final approach course.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

## DUNNN TWO ARRIVAL (RNAV)

DENVER,COLORADO

(LAYLA.DUNNN2) 13NOV14



ARRIVAL ROUTE DESCRIPTION

Cross LAYLA between FL250 and FL270 then on track 315° to cross DUNNN between FL190 and FL220, then as depicted to cross XPATH at 240K, thence. . . .

LANDING CENTENNIAL RUNWAY 17L, ROCKY MOUNTAIN METROPOLITAN, AND BUCKLEY AFB: From XPATH on track 327° to cross XWILL at 11000, then on track 323° to cross XMAAK at 9000, then on track 353° to cross XYOOU, then on track 353°. Expect RADAR vectors to final approach course.

LANDING CENTENNIAL RUNWAY 35R: From XPATH on track 350° to cross XBEEE at 9000, then on track 350° to cross FIRPI at 9000 and at/below 210K. Expect ILS RWY 35R or visual approach as assigned by ATC.

LOST COMMUNICATIONS

LANDING CENTENNIAL:  
From over XYOOU- Execute the RNAV (GPS) RWY 17L approach.  
From over FIRPI- Execute the RNAV (GPS) Y RWY 35R approach.  
Non-GPS equipped aircraft- Execute the ILS or LOC RWY 35R approach.

LANDING BUCKLEY AFB: Climb to 11000 direct CHRES DME fix. Execute the ILS or LOC/DME RWY 32 approach (TACAN required).

LANDING ROCKY MOUNTAIN METRO: Direct NSPYR WP. Execute the ILS or LOC RWY 30R approach.

SW-1, 30 JAN 2020 to 26 MAR 2020

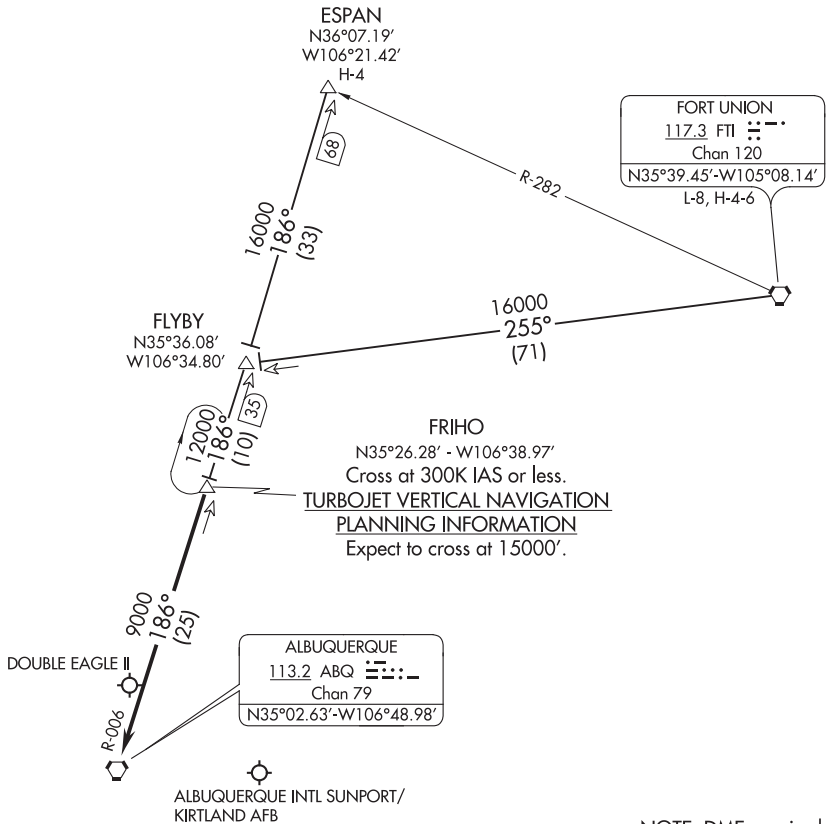
SW-1, 30 JAN 2020 to 26 MAR 2020



## FRIHO FOUR ARRIVAL

AL-12 (FAA)

ALBUQUERQUE, NEW MEXICO



NOTE: DME required.

NOTE: Chart not to scale.

**ESPAN TRANSITION (ESPAN.FRIHO4):** From over ESPAN DME fix via ABQ R-006 to FRIHO DME fix, thence....

**FORT UNION TRANSITION (FTI.FRIHO4):** From over FTI VORTAC via FTI R-255 and ABQ R-006 to FRIHO DME fix, thence....

.... From over FRIHO DME fix via ABQ R-006 to ABQ VORTAC. Expect vectors to final approach course after passing FRIHO DME fix.

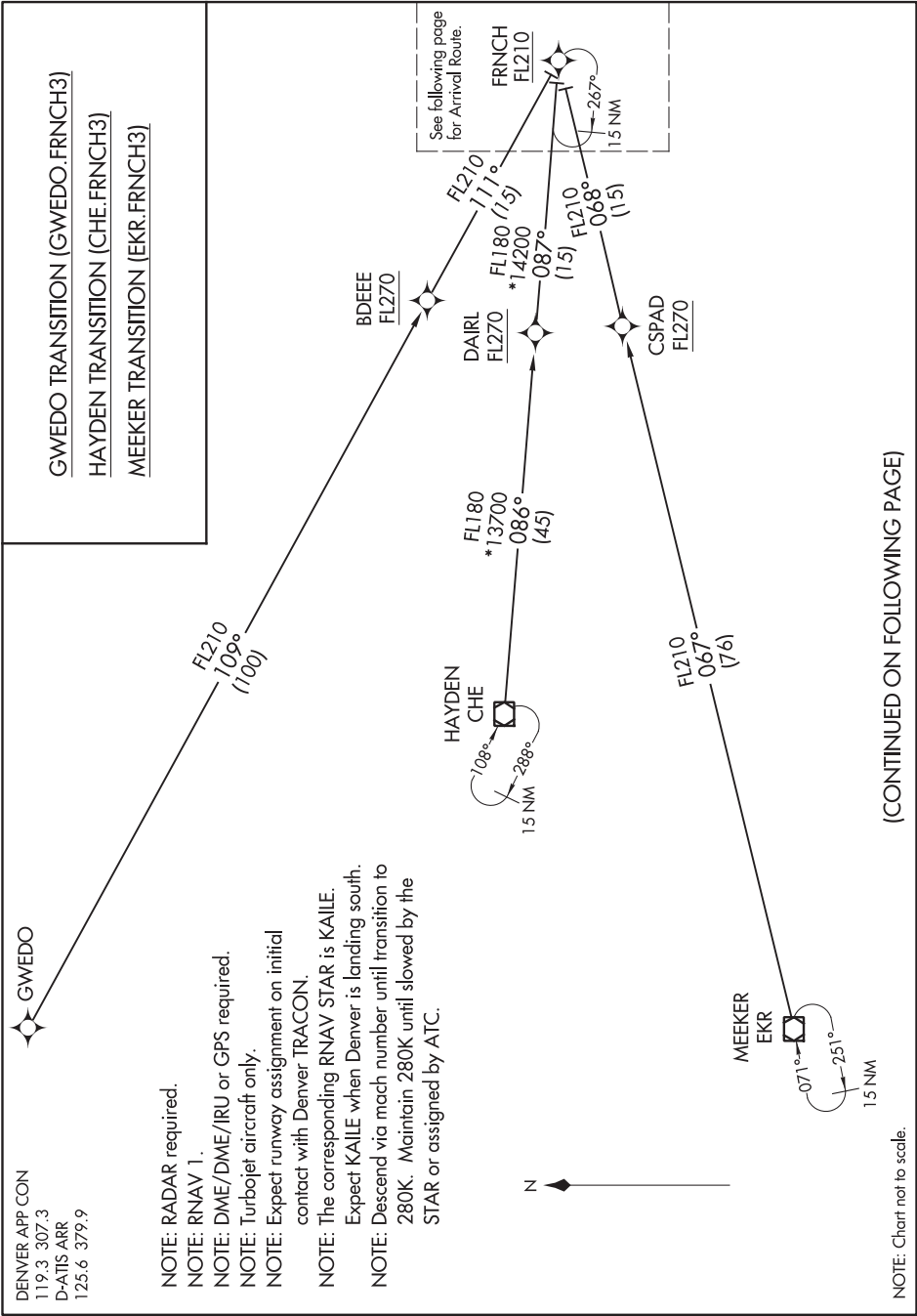
## FRIHO FOUR ARRIVAL

(FRIHO.FRIHO4) 13APR06

ALBUQUERQUE, NEW MEXICO



SW-1, 30 JAN 2020 to 26 MAR 2020

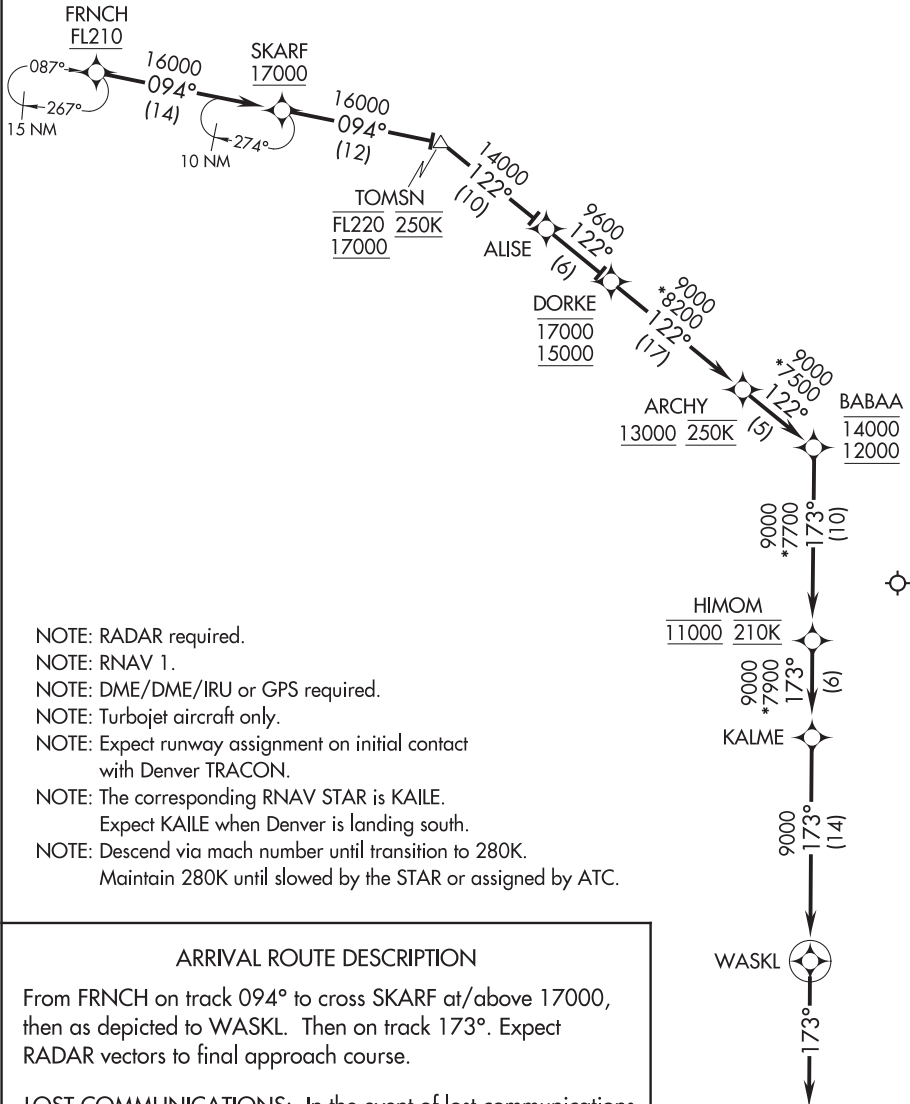




(FRNCH.FRNCH3) 17173

## FRNCH THREE ARRIVAL (RNAV) Arrival Route

AL-9077 (FAA)

DENVER INTL (D'E'N)  
DENVER, COLORADODENVER APP CON  
119.3 307.3  
D-ATIS ARR  
125.6 379.9

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: Expect runway assignment on initial contact with Denver TRACON.

NOTE: The corresponding RNAV STAR is KAILE.  
Expect KAILE when Denver is landing south.

NOTE: Descend via mach number until transition to 280K.

Maintain 280K until slowed by the STAR or assigned by ATC.

## ARRIVAL ROUTE DESCRIPTION

From FRNCH on track 094° to cross SKARF at/above 17000, then as depicted to WASKL. Then on track 173°. Expect RADAR vectors to final approach course.

**LOST COMMUNICATIONS:** In the event of lost communications prior to runway assignment, execute the ILS RWY 35L.

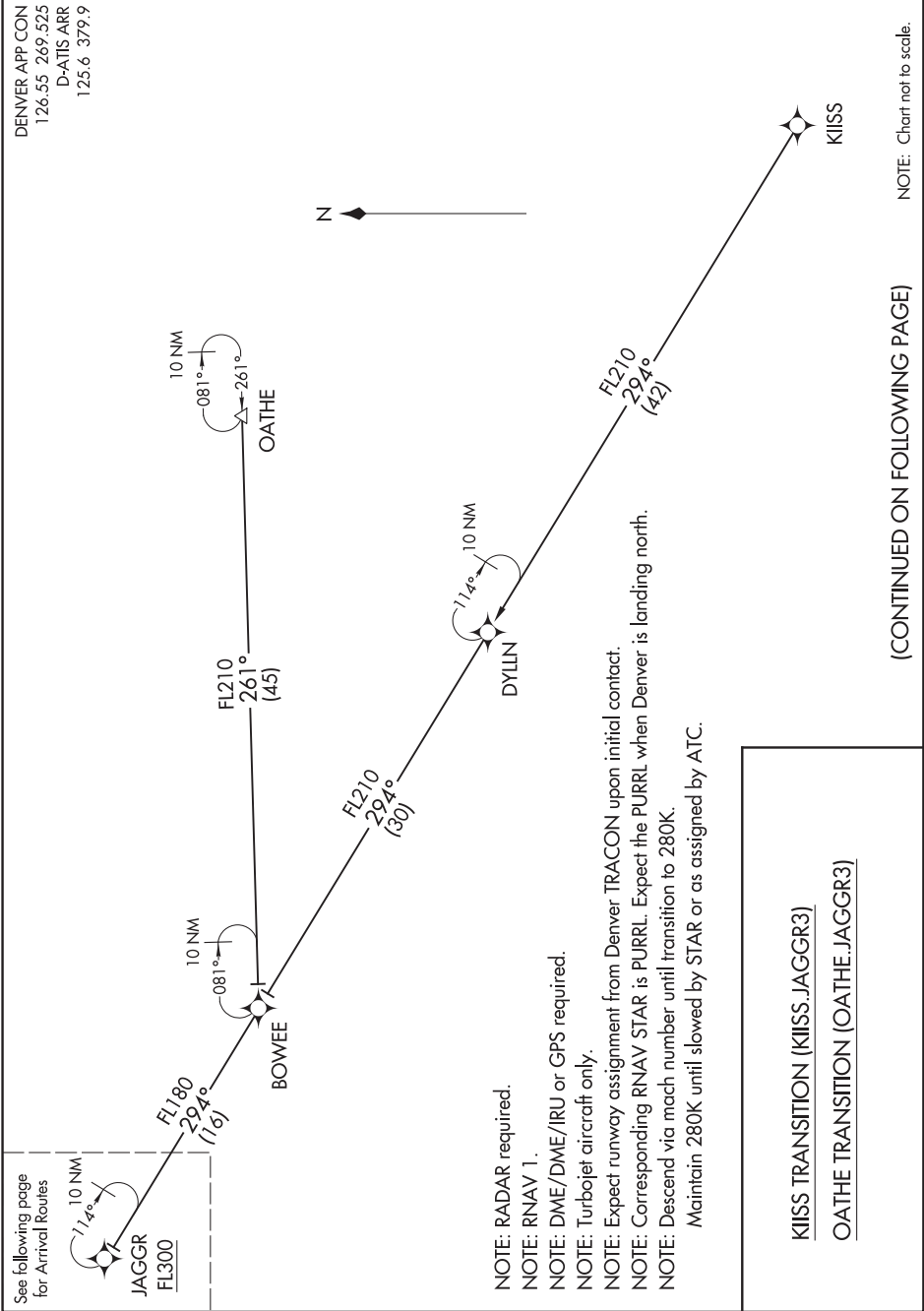
NOTE: Chart not to scale.

## FRNCH THREE ARRIVAL (RNAV) Arrival Route

(FRNCH.FRNCH3) 18SEP14

DENVER, COLORADO  
DENVER INTL (D'E'N)







(JAGGR.JAGGR3) 17173

## JAGGR THREE ARRIVAL (RNAV) Arrival Route

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADODENVER APP CON  
126.55 269.525  
D-ATIS ARR  
125.6 379.9

## ARRIVAL ROUTE DESCRIPTION

From JAGGR on track 293° to cross LYNKN at/above FL260, then as depicted to SISEE, then on track 353°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS LANDING DEN:

In the event of lost communications prior to runway assignment, execute the ILS RWY 17R approach.

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

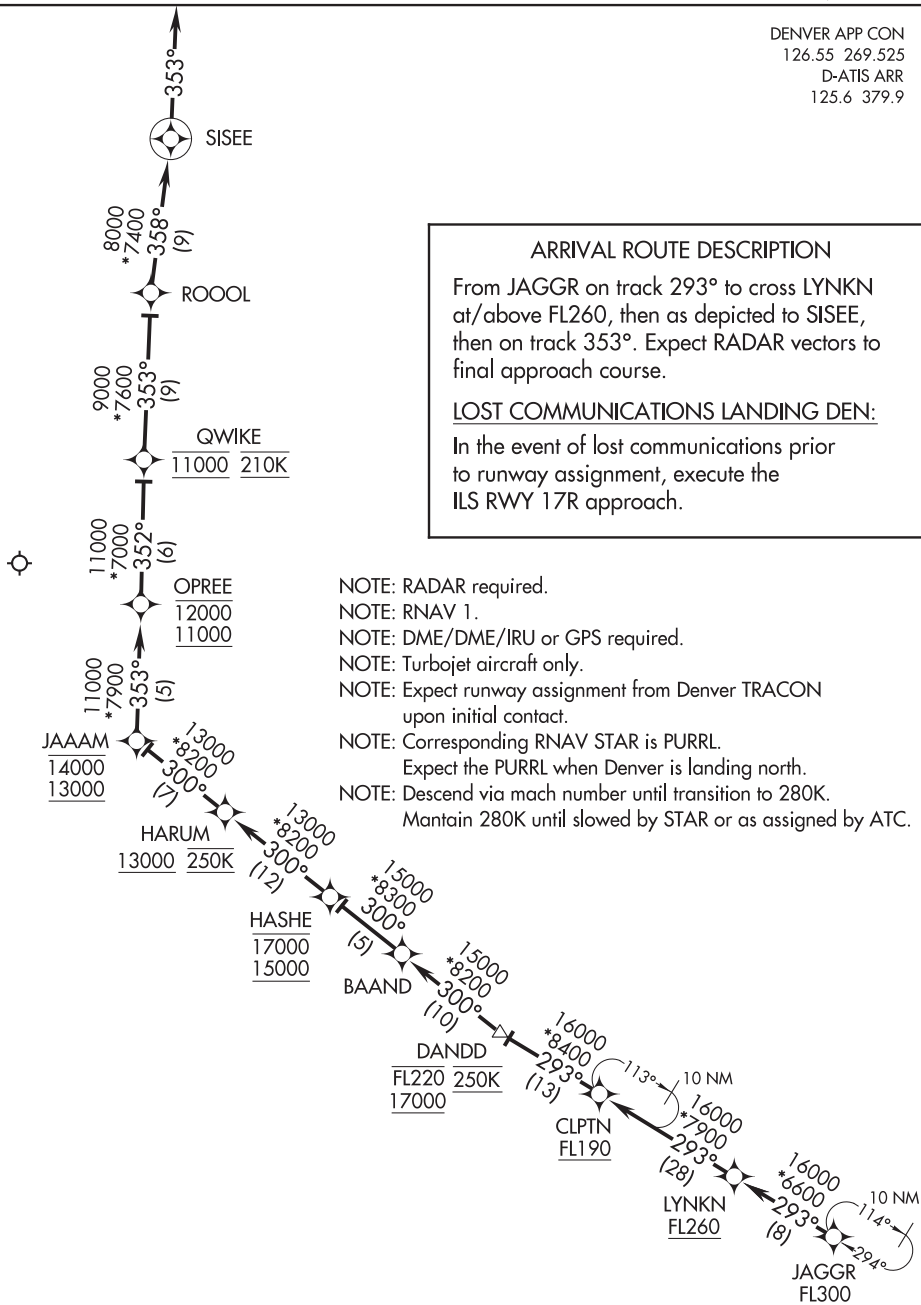
NOTE: Expect runway assignment from Denver TRACON upon initial contact.

NOTE: Corresponding RNAV STAR is PURRL.

Expect the PURRL when Denver is landing north.

NOTE: Descend via mach number until transition to 280K.

Maintain 280K until slowed by STAR or as assigned by ATC.



NOTE: Chart not to scale.

## JAGGR THREE ARRIVAL (RNAV) Arrival Route

(JAGGR.JAGGR3) 18SEP14

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

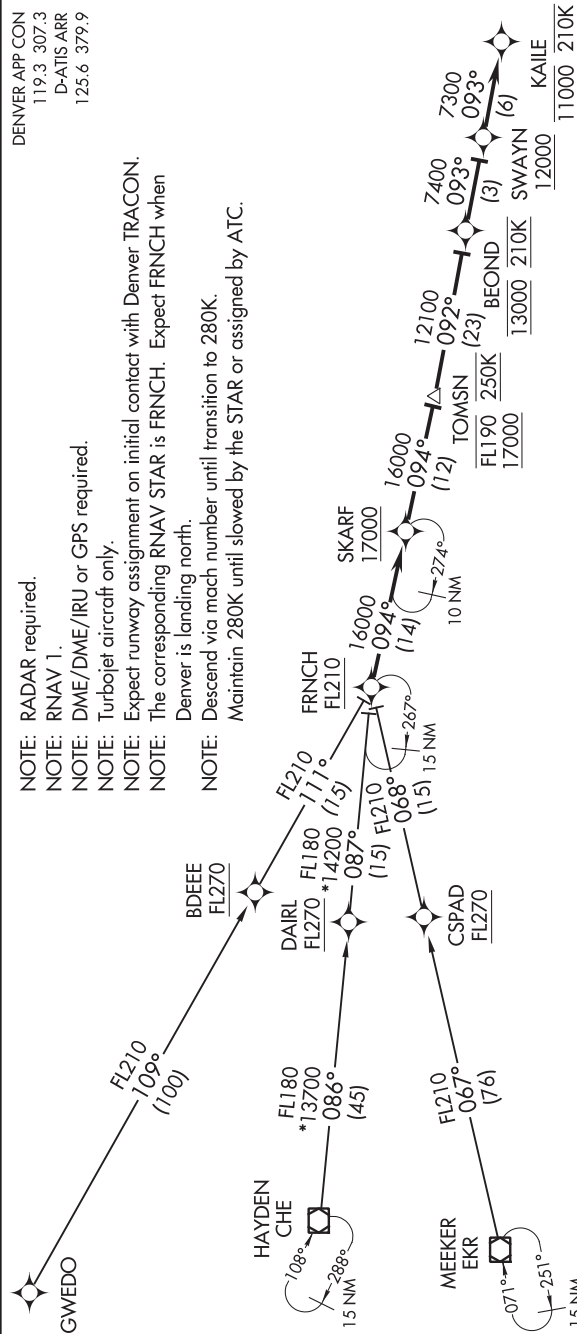


KAILE TWO ARRIVAL (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



ARRIVAL ROUTE DESCRIPTION

GWEDO TRANSITION (GWEDO.KAILE2)  
HAYDEN TRANSITION (CHE.KAILE2)  
MEEKER TRANSITION (EKR.KAILE2)

From FRNCH on track 094° to cross SKARF at/above 17000, then as depicted to cross KAILE at 11000 and at 210K. Expect ILS or visual approach as assigned by ATC.

LOST COMMUNICATIONS: In the event of lost communications prior to runway assignment, execute the ILS RWY 16R.



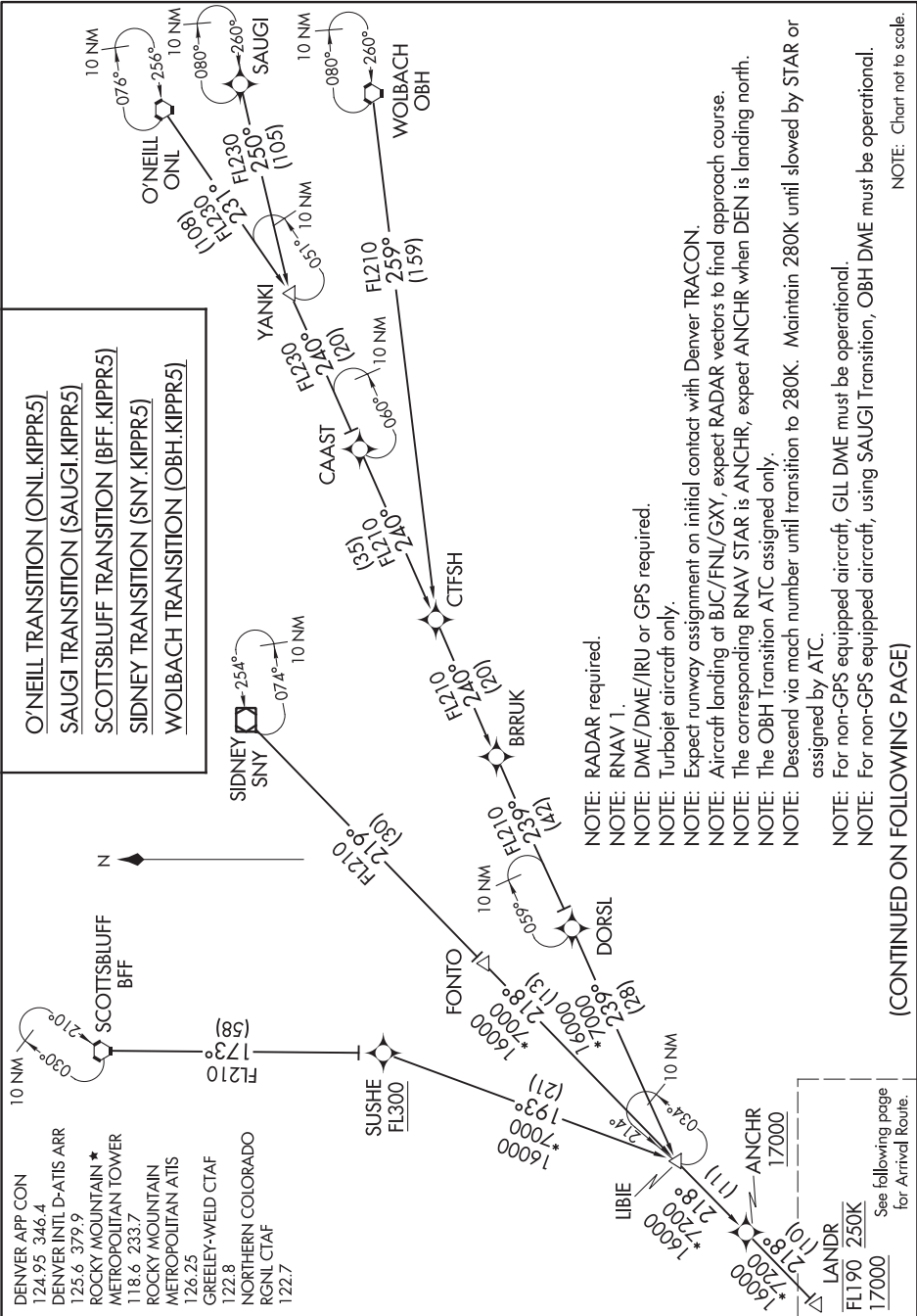
NOTE: Chart not to scale.

KAILE TWO ARRIVAL (RNAV)



KIPPR FIVE ARRIVAL (RNAV) Transition Routes AL-9077 (FAA) DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



(CONTINUED ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

KIPPR FIVE ARRIVAL (RNAV) Transition Routes DENVER, COLORADO



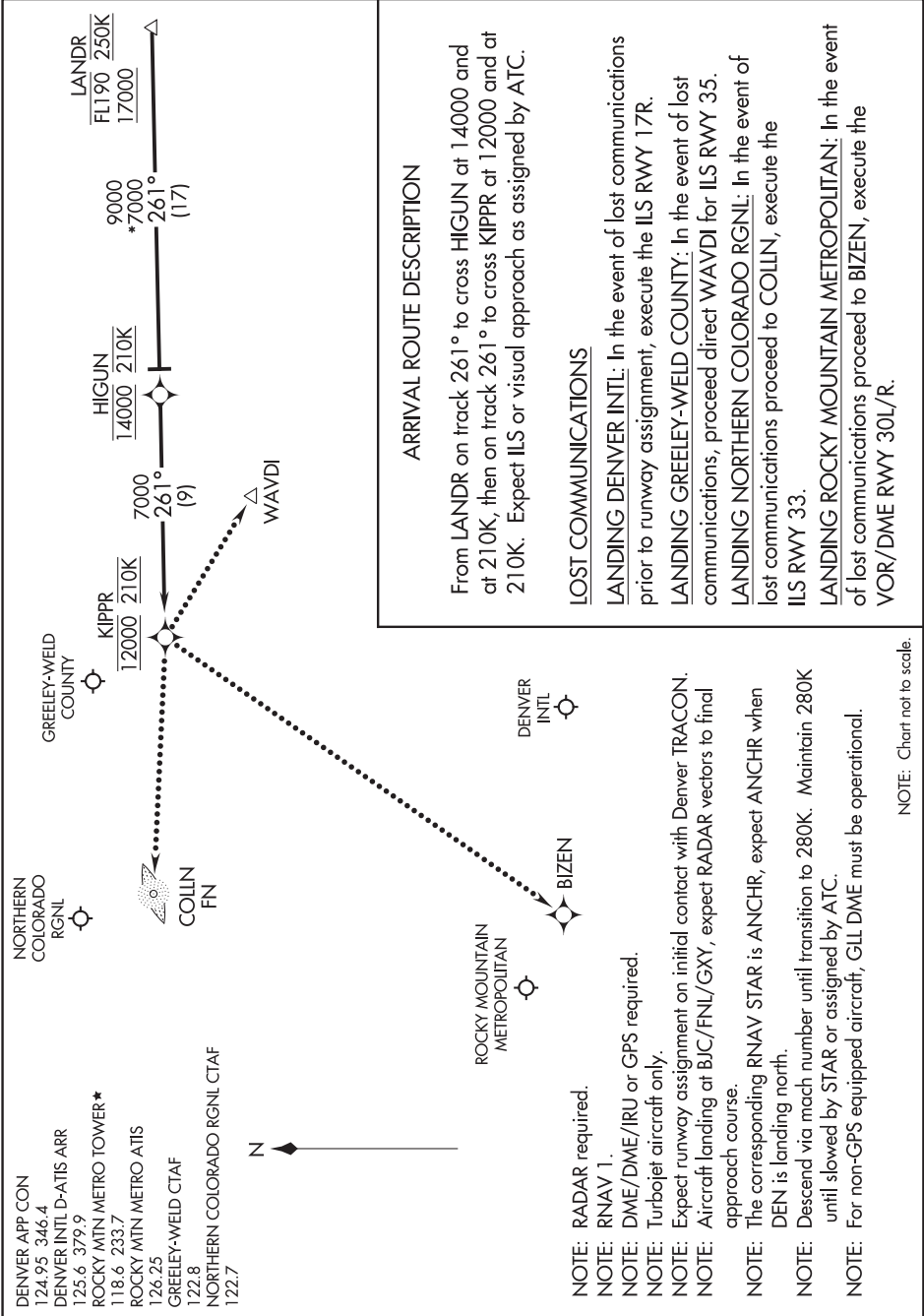
KIPPR FIVE ARRIVAL (RNAV)

Arrival Route

AL-9077 (FAA)

DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



KIPPR FIVE ARRIVAL (RNAV)

Arrival Route

DENVER, COLORADO



KOHOE THREE ARRIVAL (RNAV) Transition Routes

SW-1, 30 JAN 2020 to 26 MAR 2020

DENVER APP CON  
124.95 346.4  
D-ATIS ARR  
125.6 379.9

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: Expect runway assignment on initial contact with Denver TRACON.

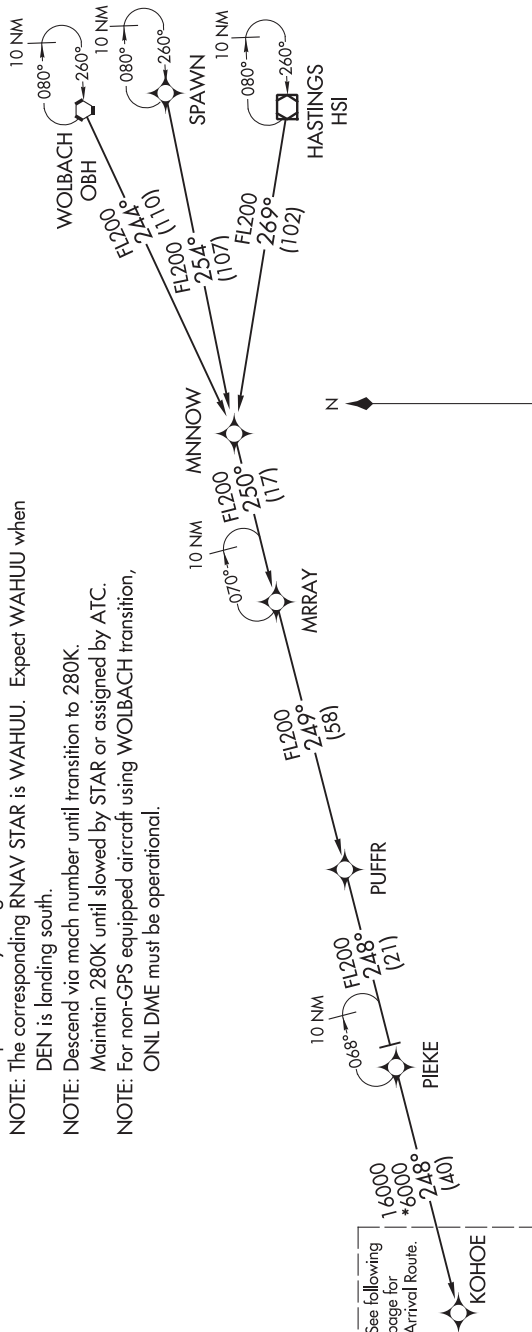
NOTE: The corresponding RNAV STAR is WAHUU. Expect WAHUU when DEN is landing south.

NOTE: Descend via mach number until transition to 280K.

NOTE: Maintain 280K until slowed by STAR or assigned by ATC.

NOTE: For non-GPS equipped aircraft using WOLBACH transition,

ONL DME must be operational.



See following  
page for  
Arrival Route.

HASTINGS TRANSITION (HSI.KOHOE3)  
SPAWN TRANSITION (SPAWN.KOHOE3)  
WOLBACH TRANSITION (OBH.KOHOE3)

(CONTINUED ON FOLLOWING PAGE)

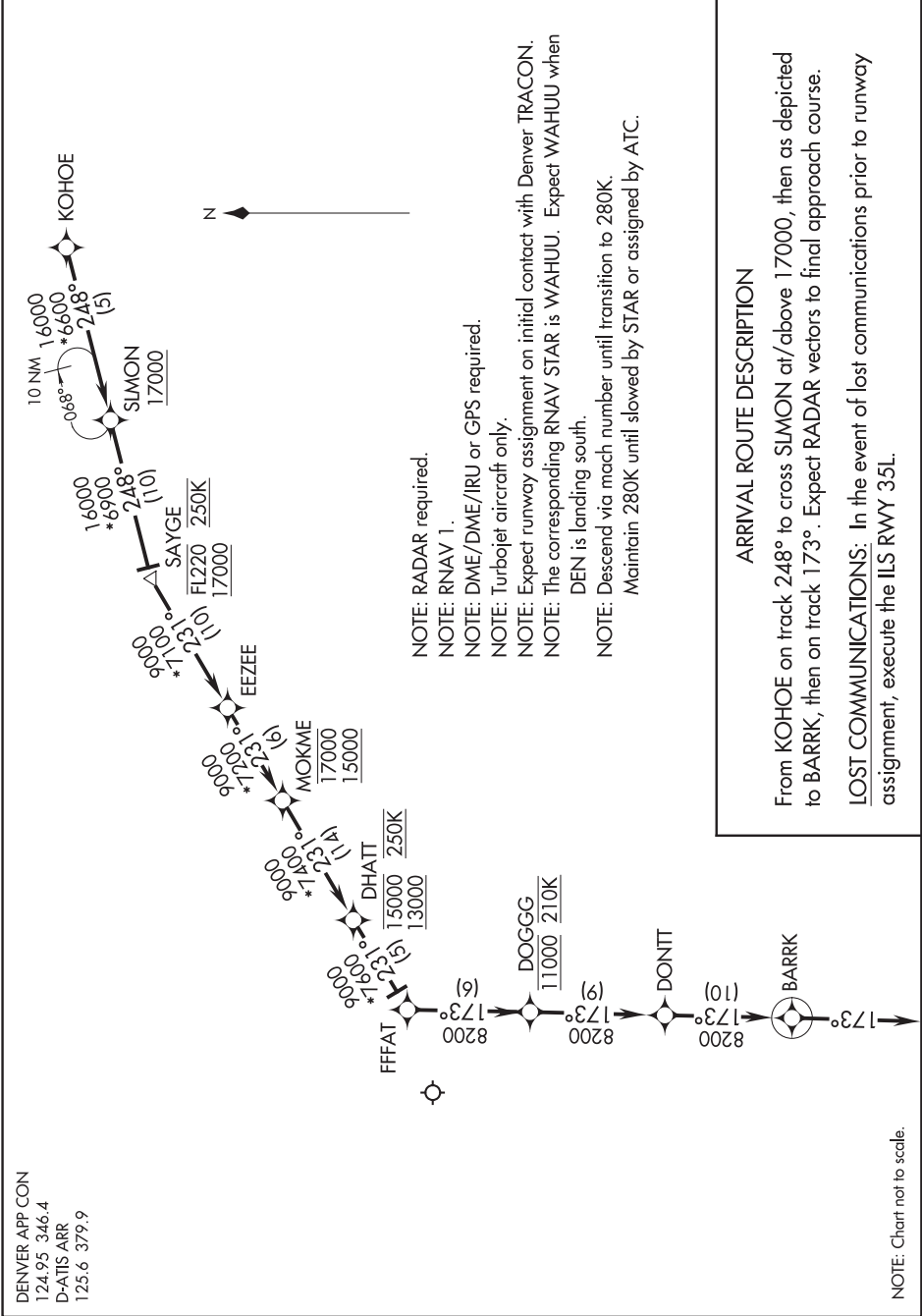
NOTE: Chart not to scale.

SW-1, 30 JAN 2020 to 26 MAR 2020

KOHOE THREE ARRIVAL (RNAV) Transition Routes



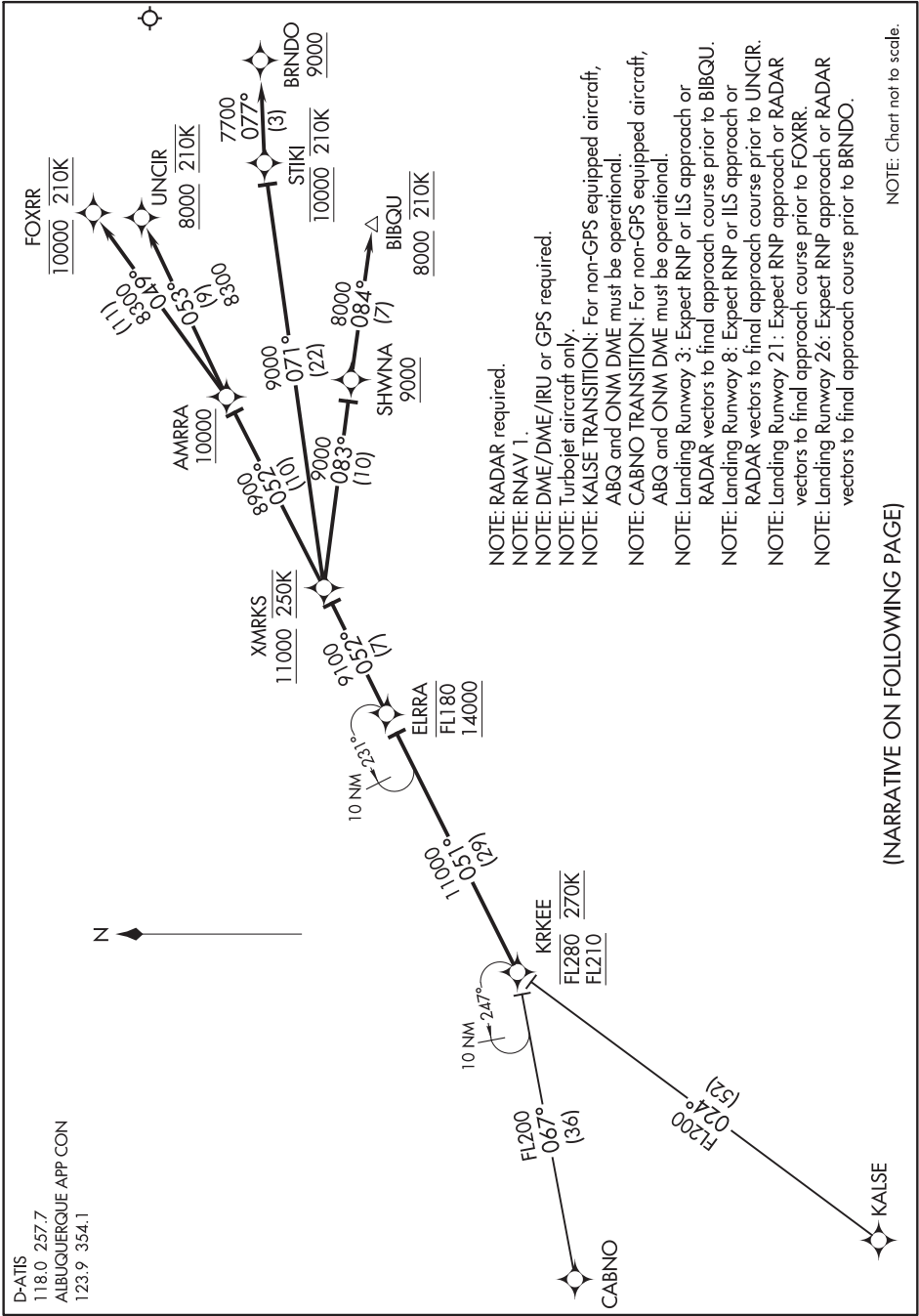
SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SW-1, 30 JAN 2020 to 26 MAR 2020



ARRIVAL ROUTE DESCRIPTION

CABNO TRANSITION (CABNO.KRKEE3)

KALSE TRANSITION (KALSE.KRKEE3)

From KRKEE on track 051° to cross ELRRA between 14000 and FL180, then on track 052° to cross XMRKS at or above 11000 and at 250K.

LANDING RUNWAY 3: From XMRKS on track 083° to cross SHWNA at or above 9000, then on track 084° to cross BIBQU at or above 8000 and at 210K. Expect RNAV (RNP) or ILS approach or RADAR vectors to final approach course.

LANDING RUNWAY 8: From XMRKS on track 052° to cross AMRRA at or above 10000, then on track 053° to cross UNCIR at or above 8000 and at 210K. Expect RNAV (RNP) approach or ILS approach or RADAR vectors to final approach course.

LANDING RUNWAY 21: From XMRKS on track 052° to cross AMRRA at or above 10000, then on track 049° to cross FOXRR at 10000 and at 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.

LANDING RUNWAY 26: From XMRKS on track 071° to cross STIKI at 10000 and at or below 210K, then on track 077° to cross BRNDO at or above 9000. Expect RNAV (RNP) approach or RADAR vectors to final approach course.

SW-1, 30 JAN 2020 to 26 MAR 2020

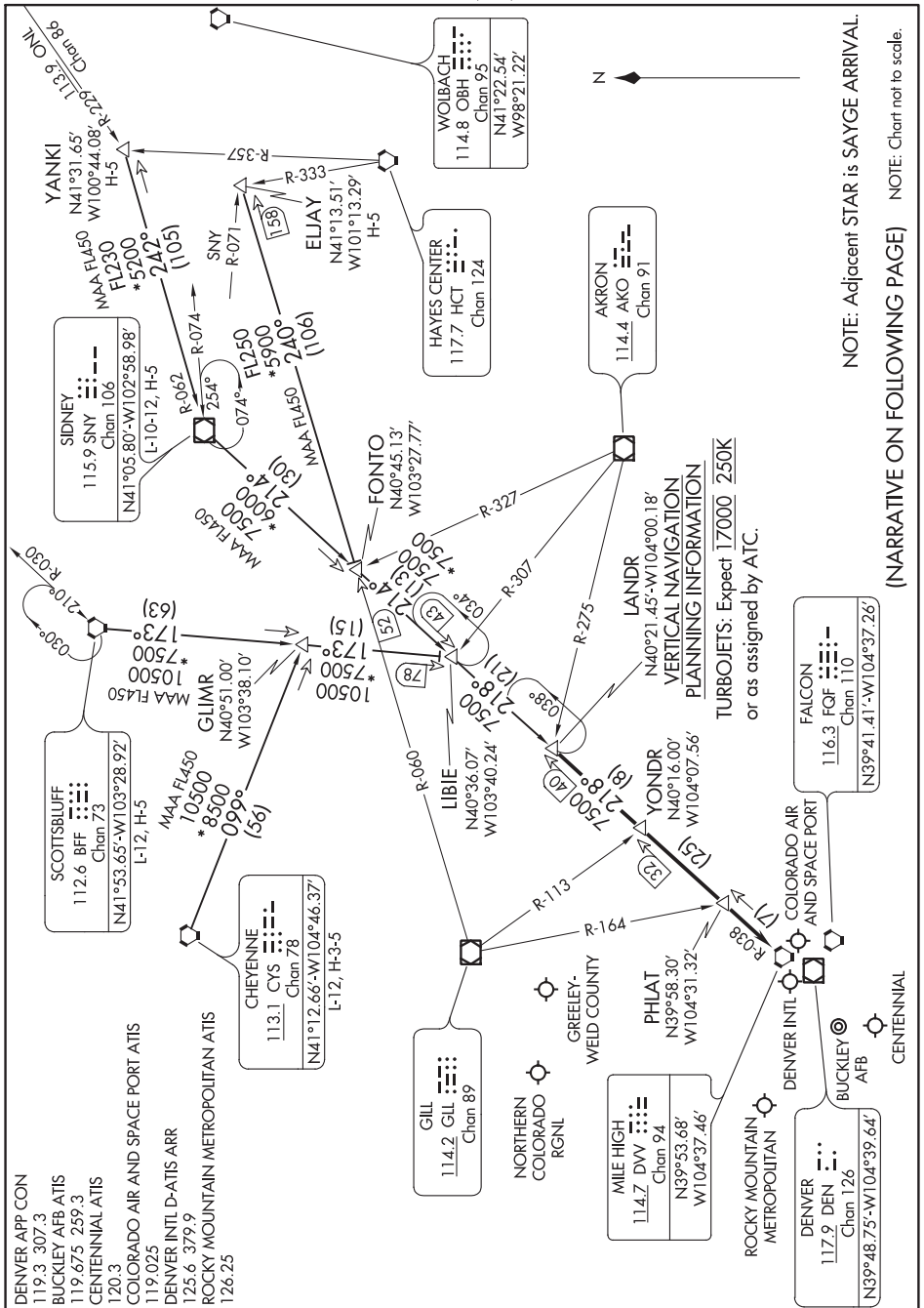
SW-1, 30 JAN 2020 to 26 MAR 2020



## LANDR ONE ARRIVAL

AL-9077 (FAA)

DENVER, COLORADO



NOTE: Adjacent STAR is SAYGE ARRIVAL.  
 (CONTINUED ON FOLLOWING PAGE) NOTE: Chart not to scale.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

## LANDR ONE ARRIVAL

(LANDR.LANDR1) 30JAN20

DENVER, COLORADO



ARRIVAL ROUTE DESCRIPTION

CHEYENNE TRANSITION (CYS.LANDR1): From over CYS VORTAC on CYS R-099 and BFF R-173 to LIBIE, then on DVV R-038 to LANDR. Thence. . . .

ELJAY TRANSITION (ELJAY.LANDR1): From over ELJAY on GLL R-060 to FONTO, then on SNY R-214 and DVV R-038 to LANDR. Thence. . . .

SCOTTSBLUFF TRANSITION (BFF.LANDR1): From over BFF VORTAC on BFF R-173 to LIBIE, then on DVV R-038 to LANDR. Thence. . . .

SIDNEY TRANSITION (SNY.LANDR1): From over SNY VOR/DME on SNY R-214 to FONTO, then on SNY R-214 and DVV R-038 to LANDR. Thence. . . .

YANKI TRANSITION (YANKI.LANDR1): From over YANKI on SNY R-062 to SNY VOR/DME, then on SNY R-214 and DVV R-038 to LANDR. Thence. . . .

. . . .from over LANDR on DVV R-038 to DVV VORTAC. Expect RADAR vectors to the final approach course at or before DVV VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



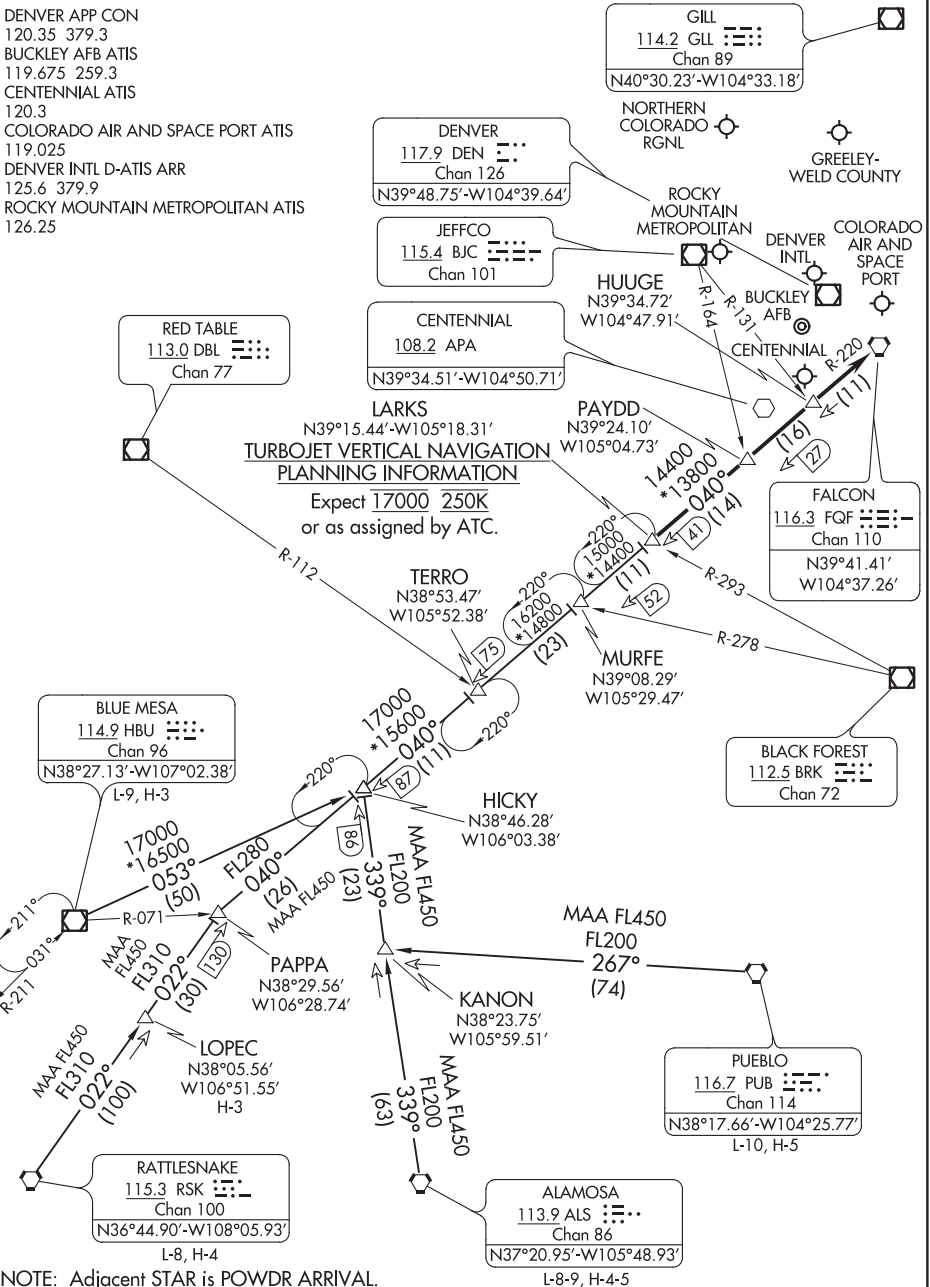
(LARKS.LARKS2) 20030

## LARKS TWO ARRIVAL

AL-9077 (FAA)

DENVER, COLORADO

DENVER APP CON  
120.35 379.3  
BUCKLEY AFB ATIS  
119.675 259.3  
CENTENNIAL ATIS  
120.3  
COLORADO AIR AND SPACE PORT ATIS  
119.025  
DENVER INTL D-ATIS ARR  
125.6 379.9  
ROCKY MOUNTAIN METROPOLITAN ATIS  
126.25



NOTE: Adjacent STAR is POWDR ARRIVAL.

NOTE: RADAR required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

## LARKS TWO ARRIVAL

DENVER, COLORADO

(LARKS.LARKS2) 30JAN20

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



ARRIVAL ROUTE DESCRIPTION

ALAMOSA TRANSITION (ALS.LARKS2): From over ALS VORTAC on ALS R-339 and FQF R-220 to LARKS. Thence. . . .

BLUE MESA TRANSITION (HBU.LARKS2): From over HBU VOR/DME on HBU R-053 and FQF R-220 to LARKS. Thence. . . .

LOPEC TRANSITION (LOPEC.LARKS2): From over LOPEC on RSK R-022 and FQF R-220 to LARKS. Thence. . . .

PUEBLO TRANSITION (PUB.LARKS2): From over PUB VORTAC on PUB R-267 to KANON; then on ALS R-339 and FQF R-220 to LARKS. Thence. . . .

RATTLESNAKE TRANSITION (RSK.LARKS2): From over RSK VORTAC on RSK R-022 and FQF R-220 to LARKS. Thence. . . .

. . . .from over LARKS on FQF R-220 to FALCON (FQF) VORTAC. Expect RADAR vectors to the final approach course at or before FALCON (FQF) VORTAC.



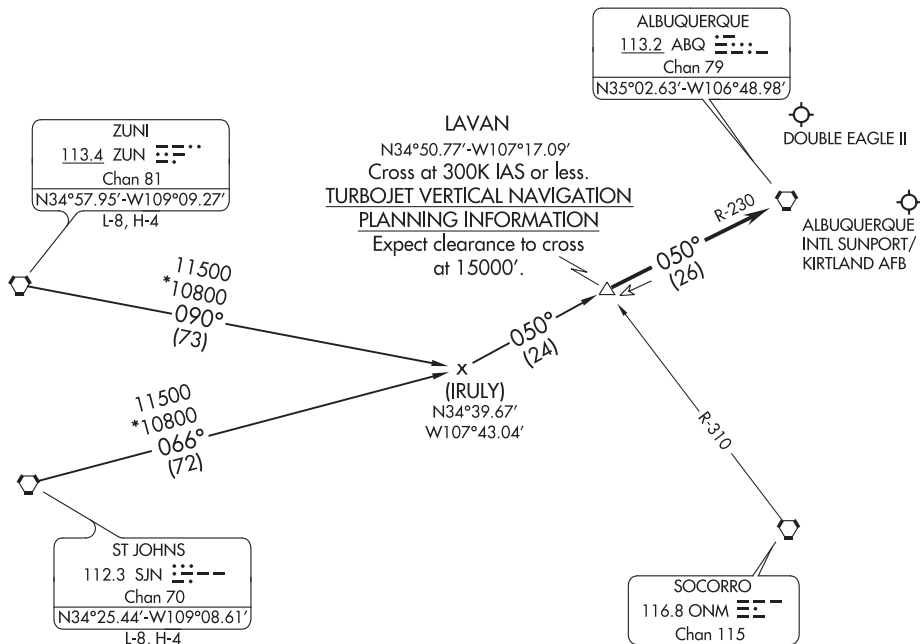
(LAVAN.LAVAN3) 17117

## LAVAN THREE ARRIVAL

AL-12 (FAA)

ALBUQUERQUE, NEW MEXICO

ALBUQUERQUE APP CON  
123.9 354.1  
ALBUQUERQUE TOWER  
120.3 351.9  
GND CON  
121.9 348.6  
D-ATIS  
118.0 257.7



NOTE: Chart not to scale.

ST. JOHNS TRANSITION (SJN.LAVAN3): From over SJN VORTAC via SJN R-066 and ABQ R-230 to LAVAN DME/INT. Thence....

ZUNI TRANSITION (ZUN.LAVAN3): From over ZUN VORTAC via ZUN R-090 and ABQ R-230 to LAVAN DME/INT. Thence....

....From over LAVAN fix/INT via ABQ R-230 to ABQ VORTAC. Expect vectors to final approach course after passing LAVAN.

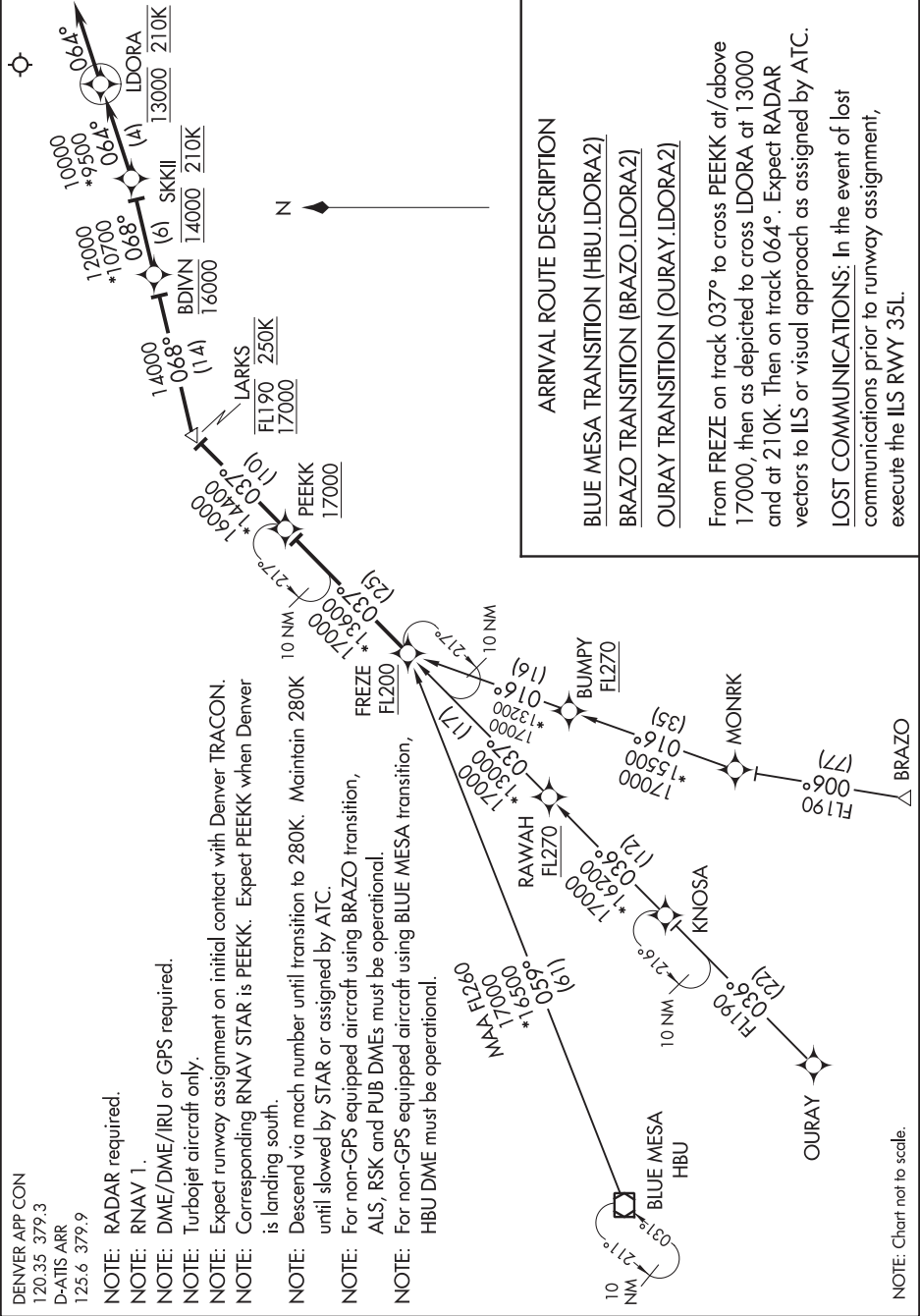
## LAVAN THREE ARRIVAL

(LAVAN.LAVAN3) 22JUL93

ALBUQUERQUE, NEW MEXICO



SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



(LOWBO.LOWBO3) 17117

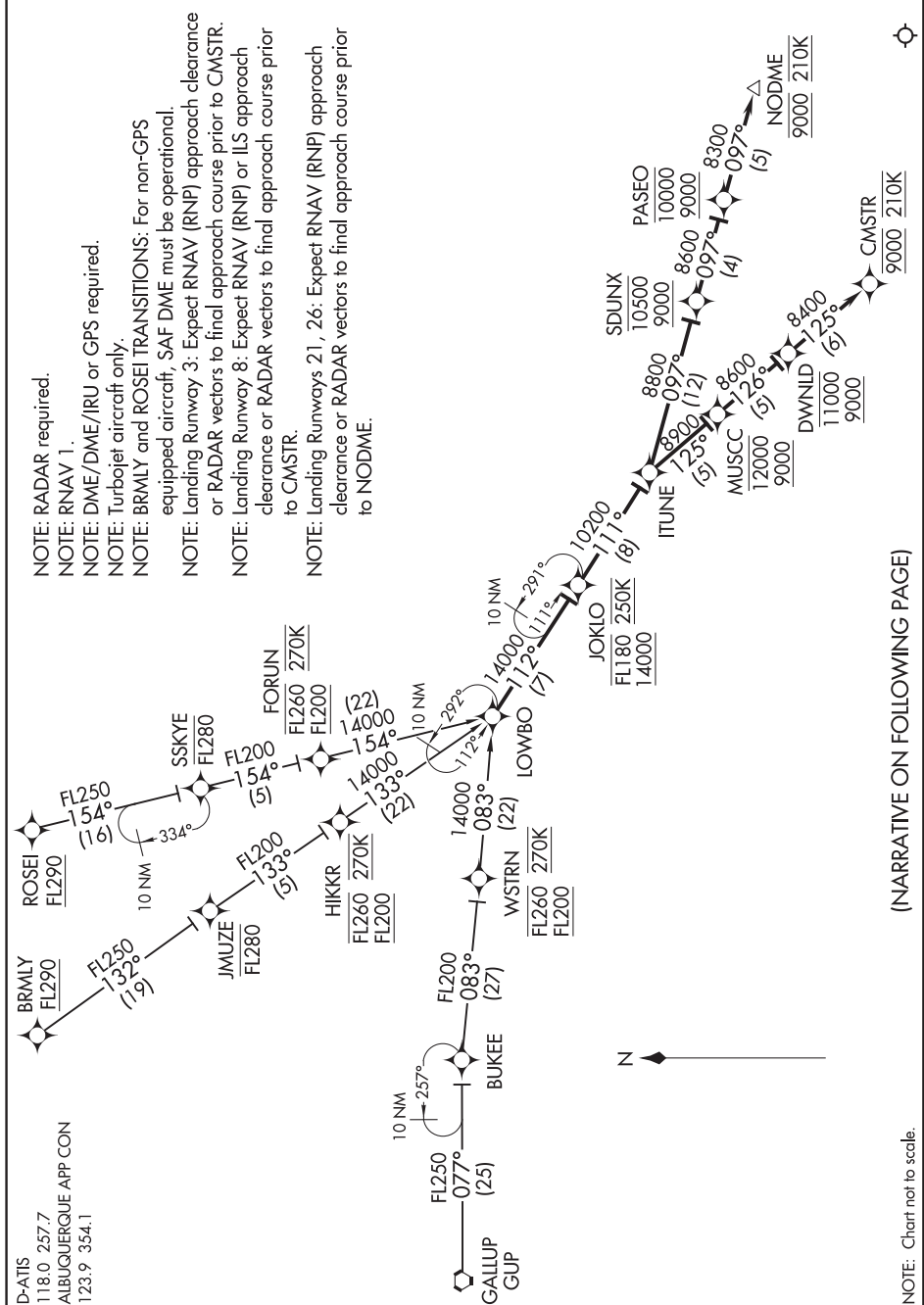
LOWBO THREE ARRIVAL (RNAV)

AL-12 (FAA)

ALBUQUERQUE INTL SUNPORT (ABQ)

ALBUQUERQUE, NEW MEXICO

SW-1, 30 JAN 2020 to 26 MAR 2020



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

LOWBO THREE ARRIVAL (RNAV)

(LOWBO.LOWBO3) 08JAN15

ALBUQUERQUE, NEW MEXICO  
ALBUQUERQUE INTL SUNPORT (ABQ)

SW-1, 30 JAN 2020 to 26 MAR 2020



ARRIVAL ROUTE DESCRIPTION

- BRMLY TRANSITION (BRMLY.LOWBO3)
- GALLUP TRANSITION (GUP.LOWBO3)
- ROSEI TRANSITION (ROSEI.LOWBO3)

From LOWBO on track 112° to cross JOKLO between 14000 and FL180 and at 250K, then on track 111° to ITUNE.

LANDING RUNWAY 3: From ITUNE on track 125° to cross MUSCC between 9000 and 12000, then on track 126° to cross DWNLD between 9000 and 11000, then on track 125° to cross CMSTR at 9000 and at 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.

LANDING RUNWAY 8: From ITUNE on track 125° to cross MUSCC between 9000 and 12000, then on track 126° to cross DWNLD between 9000 and 11000, then on track 125° to cross CMSTR at 9000 and at 210K. Expect RNAV (RNP) or ILS approach or RADAR vectors to final approach course.

LANDING RUNWAYS 21/26: From ITUNE on track 097° to cross SDUNX between 9000 and 10500, then on track 097° to cross PASEO between 9000 and 10000, then on track 097° to cross NODME at 9000 and at 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(LZZRD.LZZRD3) 17117

## LZZRD THREE ARRIVAL (RNAV)

AL-12 (FAA)

ALBUQUERQUE INTL SUNPORT (ABQ)

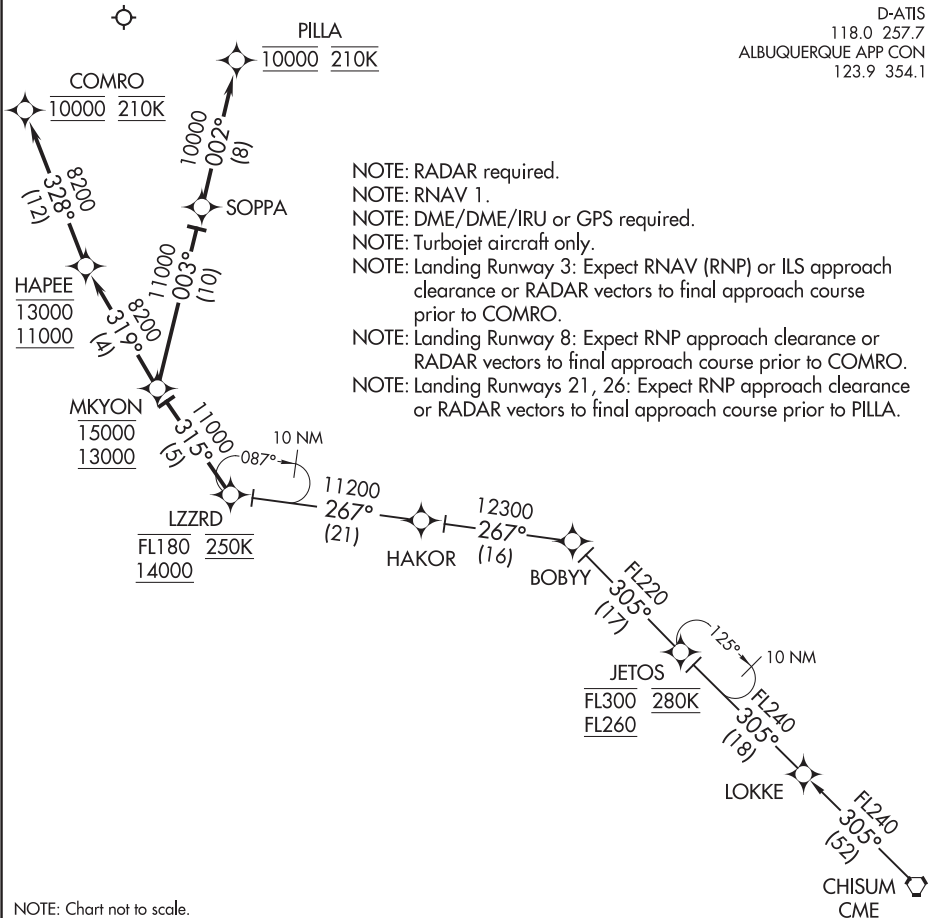
ALBUQUERQUE, NEW MEXICO

D-ATIS

118.0 257.7

ALBUQUERQUE APP CON

123.9 354.1



NOTE: Chart not to scale.

## ARRIVAL ROUTE DESCRIPTION

CHISUM TRANSITION (CME.LZZRD3)

From LZZRD on track 315° to cross MKYON between 13000 and 15000.

LANDING RUNWAY 3: From MKYON on track 319° to cross HAPEE between 11000 and 13000, then on track 328° to cross COMRO at 10000 and at 210K. Expect RNAV (RNP) or ILS approach or RADAR vectors to final approach course.LANDING RUNWAY 8: From MKYON on track 319° to cross HAPEE between 11000 and 13000, then on track 328° to cross COMRO at 10000 and at 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.LANDING RUNWAYS 21/26: From MKYON on track 003° to SOPPA, then on track 002° to cross PILLA at 10000 and at 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.

LZZRD THREE ARRIVAL (RNAV)

(LZZRD.LZZRD3) 08JAN15

ALBUQUERQUE, NEW MEXICO

ALBUQUERQUE INTL SUNPORT (ABQ)

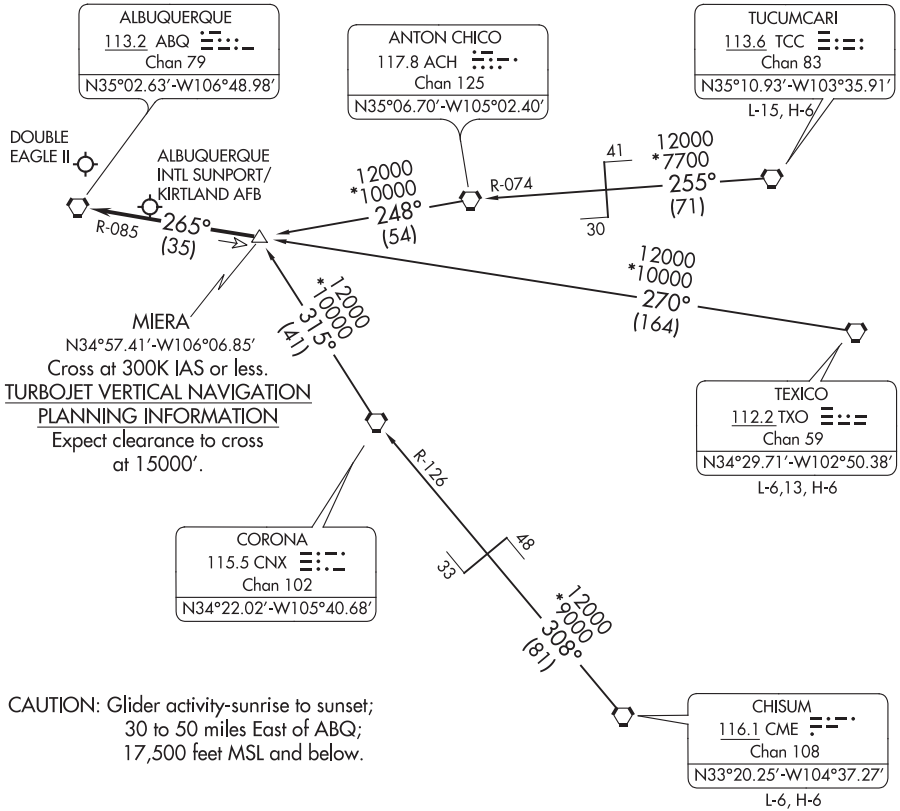


MIERA TWO ARRIVAL

AL-12 (FAA)

ALBUQUERQUE, NEW MEXICO

ALBUQUERQUE APP CON  
123.9 354.1  
D-ATIS  
118.0 257.7



**CHISUM TRANSITION (CME.MIERA2):** From over CME VORTAC via CME R-308 and CNX R-126 to CNX VORTAC, then via CNX R-315 to MIERA DME fix. Thence....

**TEXICO TRANSITION (TXO.MIERA2):** From over TXO VORTAC via TXO R-270 and ABQ R-085 to MIERA DME fix. Thence....

**TUCUMCARI TRANSITION (TCC.MIERA2):** From over TCC VORTAC via TCC R-255 and ACH R-074 to ACH VORTAC, then via ACH R-248 to MIERA DME fix. Thence....

....From over MIERA DME fix via ABQ R-085 to ABQ VORTAC. Expect vectors to final approach course after passing MIERA DME fix.

MIERA TWO ARRIVAL



(SOYAR.MOLTN3) 17173

## MOLTN THREE ARRIVAL (RNAV) Transition Routes

AL-9077 (FAA)

DENVER INTL (DEN)

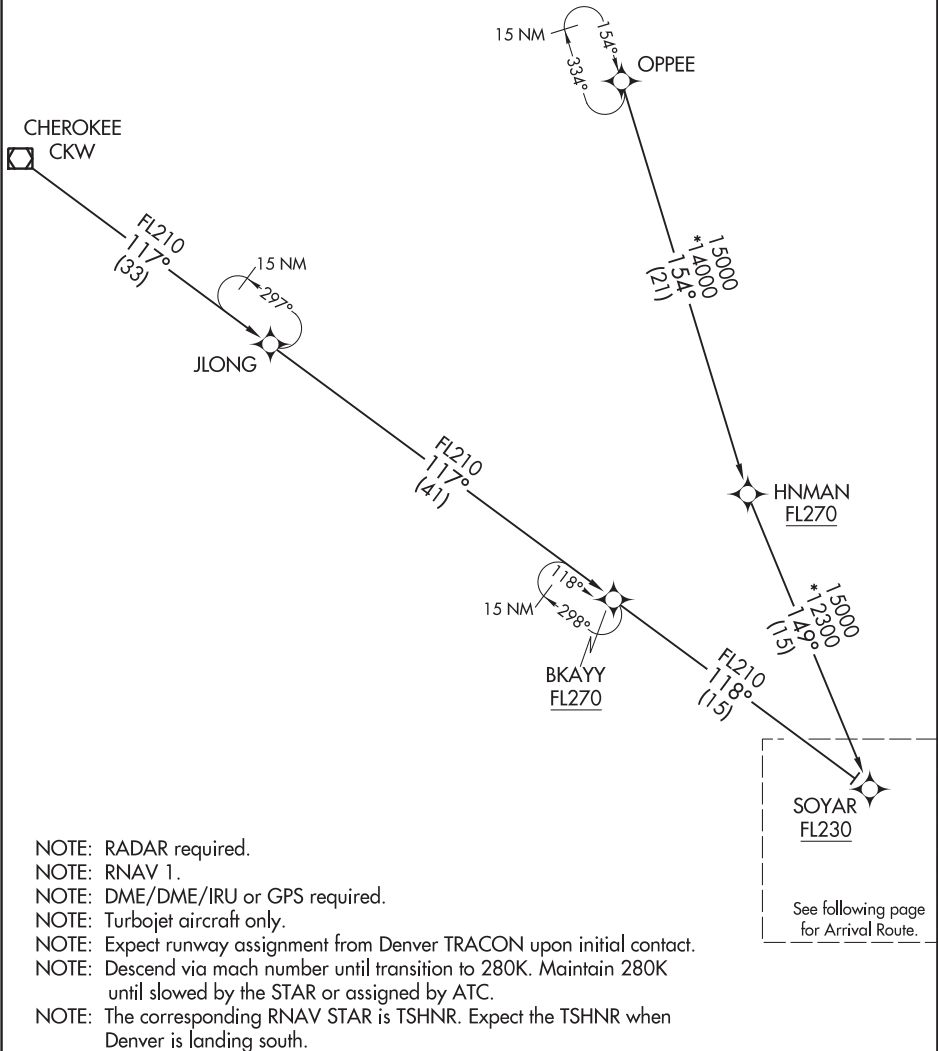
DENVER, COLORADO

DENVER APP CON

119.3 307.3

D-ATIS ARR

125.6 379.9

CHEROKEE TRANSITION (CKW.MOLTN3)OPPEE TRANSITION (OPPEE.MOLTN3)

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

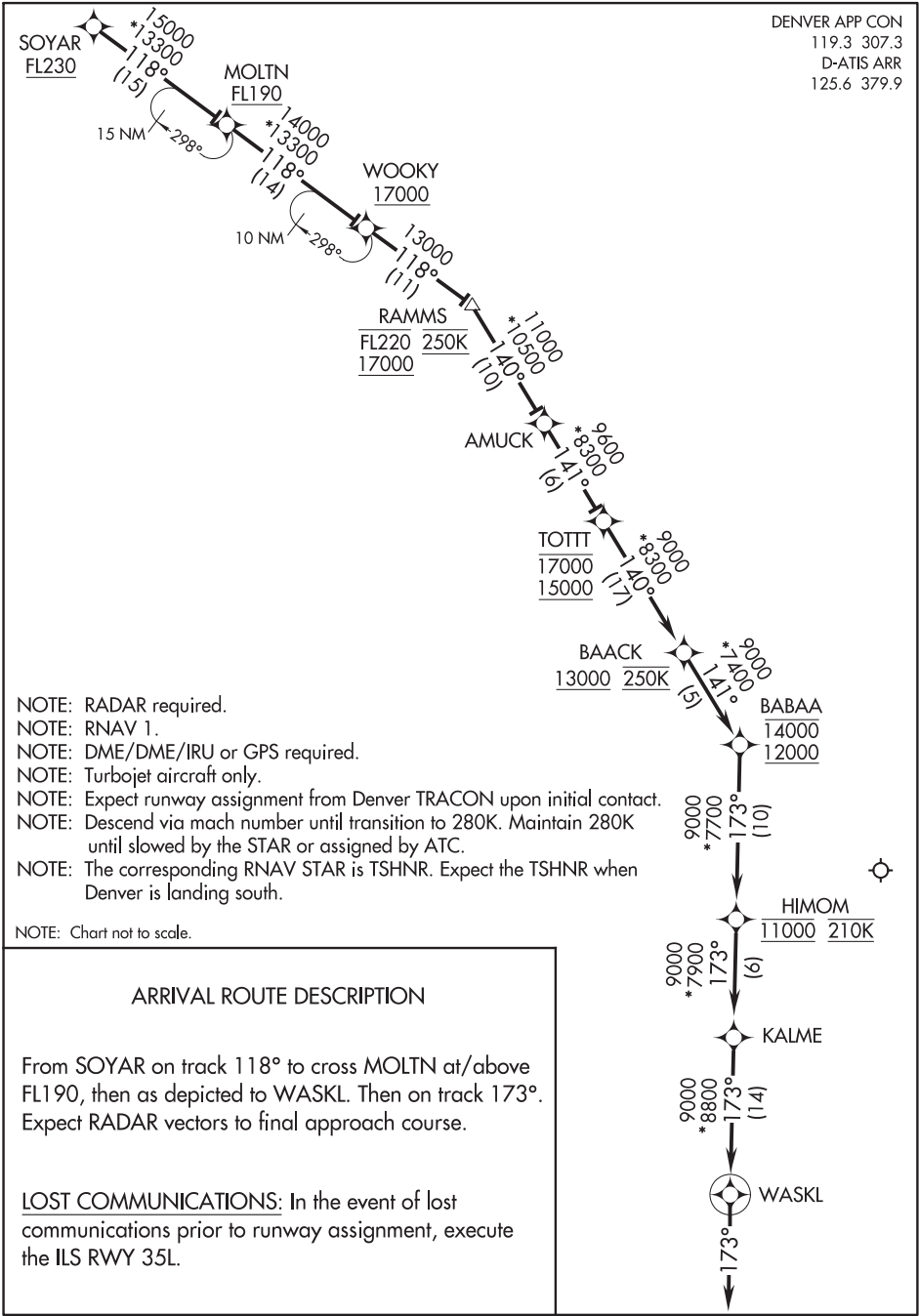
## MOLTN THREE ARRIVAL (RNAV) Transition Routes

(SOYAR.MOLTN3) 18SEP14

DENVER, COLORADO

DENVER INTL (DEN)







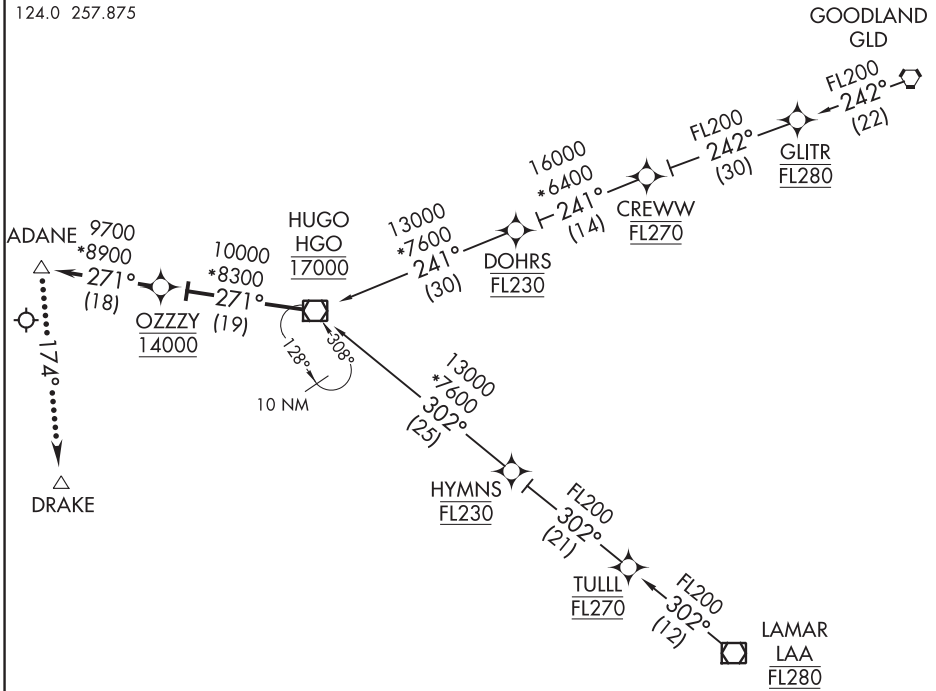
(HGO.OZZZY4) 17229

## OZZZY FOUR ARRIVAL (RNAV)

AL-87 (FAA)

CITY OF COLORADO SPRINGS MUNI (COS)  
COLORADO SPRINGS, COLORADO

ATIS  
125.0 254.3  
SPRINGS APP CON  
124.0 257.875



NOTE: RADAR required.

NOTE: RNAV 1

NOTE: GPS required.

NOTE: Turbojet aircraft only.

NOTE: Landing all other runways expect  
RADAR vectors prior to ADANE.

NOTE: Chart not to scale.

## ARRIVAL ROUTE DESCRIPTION

GOODLAND TRANSITION (GLD.OZZZY4)LAMAR TRANSITION (LAA.OZZZY4)

From over HGO VOR/DME on track 271° to cross OZZZY at 14000, then on track 271° to ADANE. Expect ILS RWY 17L or RWY 17R Visual Approach as assigned by ATC.

LOST COMMUNICATIONS

Landing South: At ADANE join and execute ILS RWY 17L approach.

Landing North: At ADANE fly on 174° track to DRAKE.

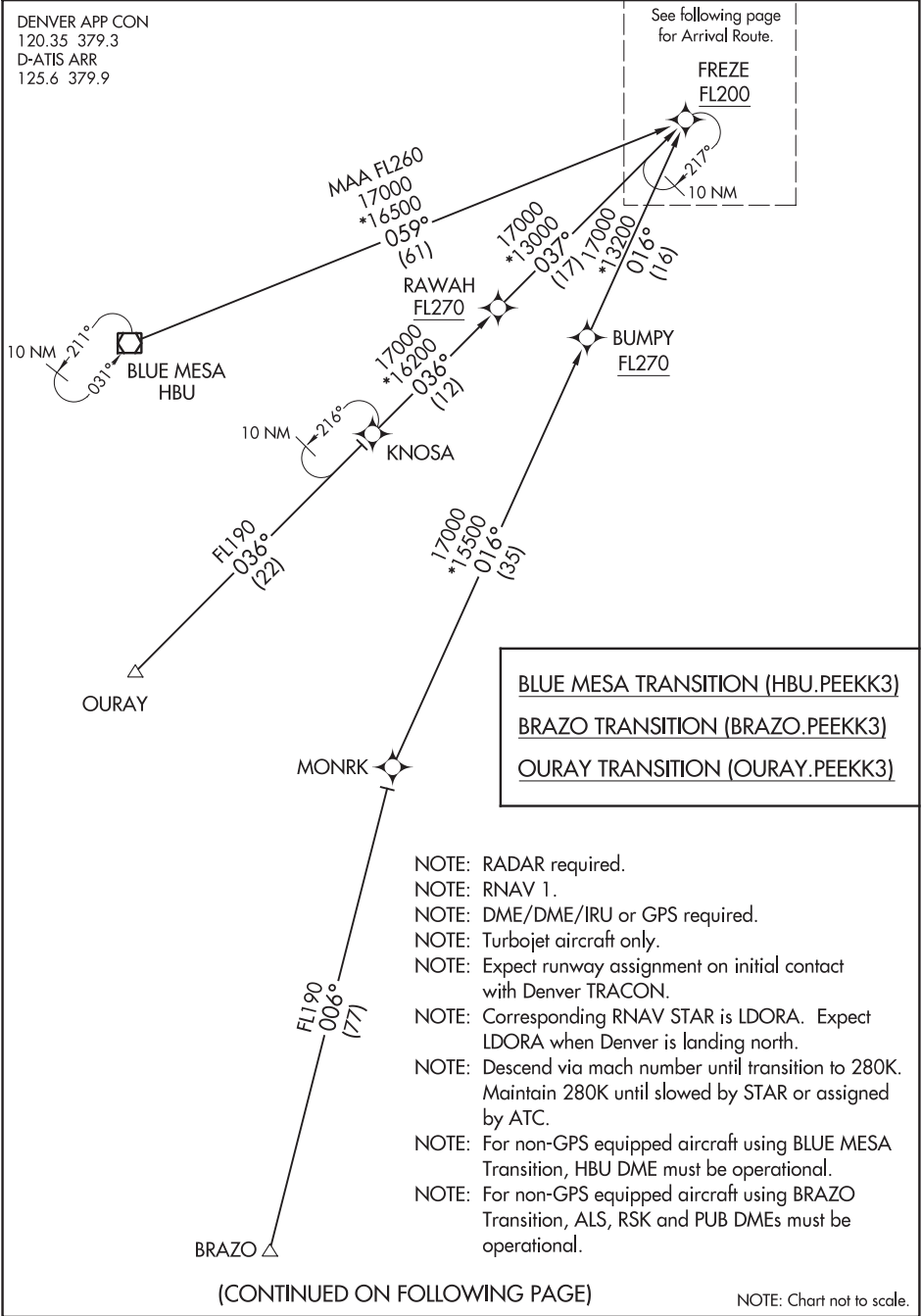
At DRAKE join and execute ILS RWY 35L approach.

## OZZZY FOUR ARRIVAL (RNAV)

(HGO.OZZZY4) 17AUG17

COLORADO SPRINGS, COLORADO  
CITY OF COLORADO SPRINGS MUNI (COS)







(FREZE.PEEKK3) 17173

## PEEKK THREE ARRIVAL (RNAV) Arrival Route

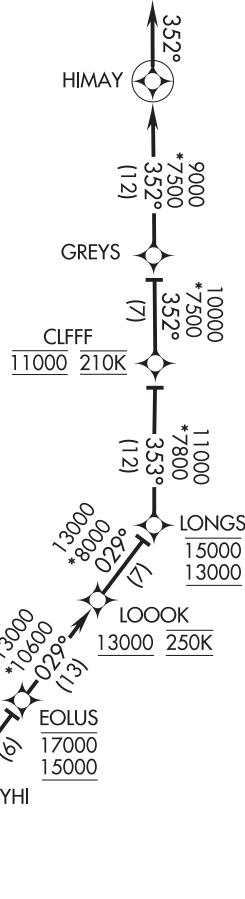
AL-9077 (FAA)

DENVER INTL (DEN)

DENVER, COLORADO

DENVER APP CON  
120.35 379.3  
D-ATIS ARR  
125.6 379.9

- NOTE: RADAR required.  
NOTE: RNAV 1.  
NOTE: DME/DME/IRU or GPS required.  
NOTE: Turbojet aircraft only.  
NOTE: Expect runway assignment on initial contact with Denver TRACON.  
NOTE: Corresponding RNAV STAR is LDORA. Expect LDORA when Denver is landing north.  
NOTE: Descend via mach number until transition to 280K. Maintain 280K until slowed by STAR or assigned by ATC.



## ARRIVAL ROUTE DESCRIPTION

From FREZE on track 037° to cross PEEKK at/at/above 17000, then as depicted to HIMAY, then on track 352°. Expect RADAR vectors to final approach course.

## LOST COMMUNICATIONS

In the event of lost communications prior to runway assignment, execute the ILS RWY 16R.

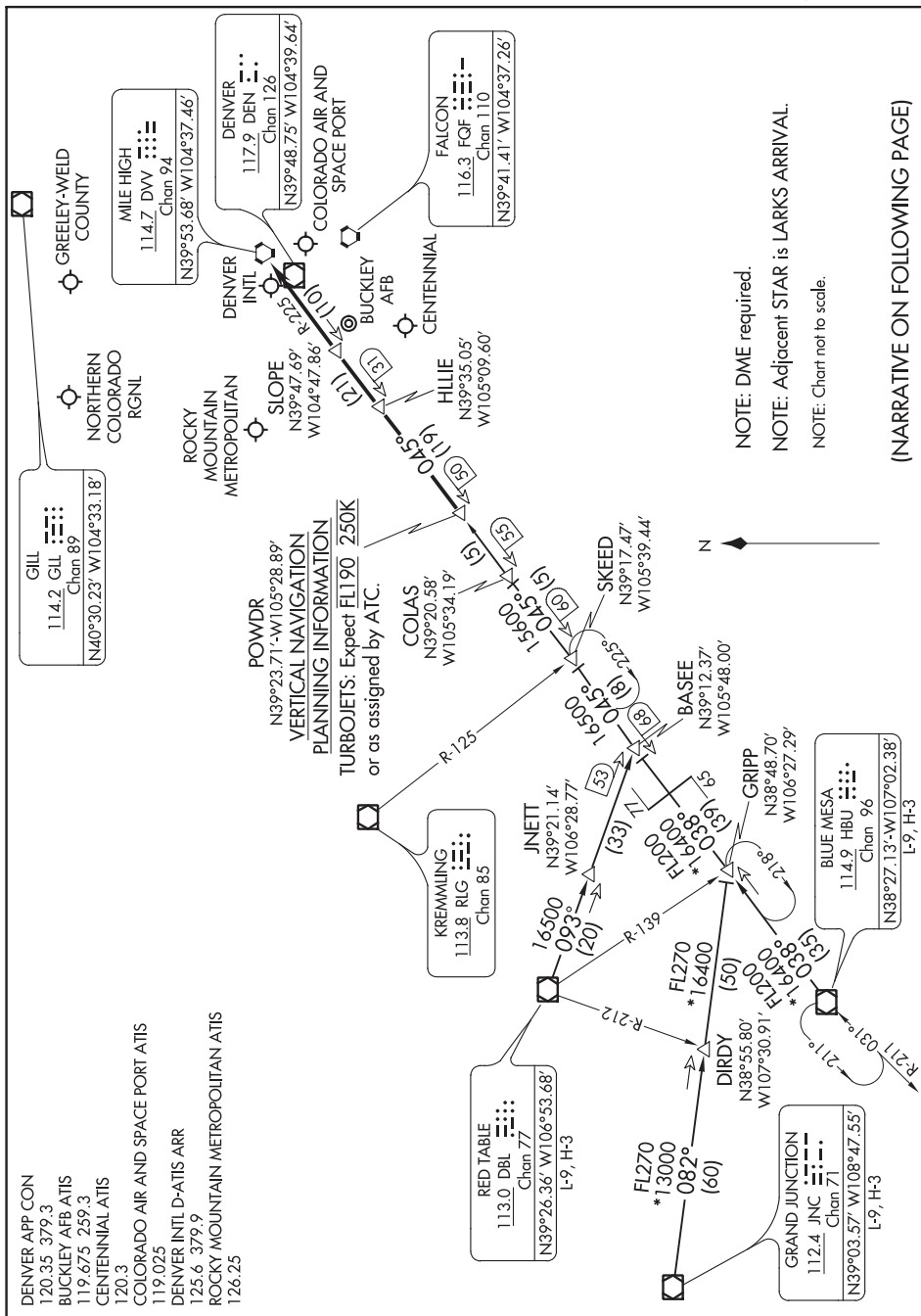
NOTE: Chart not to scale.

## PEEKK THREE ARRIVAL (RNAV) Arrival Route

(FREZE.PEEKK3) 18SEP14

DENVER, COLORADO  
DENVER INTL (DEN)







ARRIVAL ROUTE DESCRIPTION

BLUE MESA TRANSITION (HBU.POWDR1): From over HBU VOR/DME on HBU R-038 to GRIPP then on HBU R-038 and DVV R-225 to BASEE then on DVV R-225 to POWDR. Thence. . . .

GRAND JUNCTION TRANSITION (JNC.POWDR1): From over JNC VOR/DME on JNC R-082 to GRIPP; then on HBU R-038 and DVV R-225 to BASEE then on DVV R-225 to POWDR. Thence. . . .

RED TABLE TRANSITION (DBL.POWDR1): From over DBL VOR/DME on DBL R-093 and DVV R-225 to POWDR. Thence. . . .

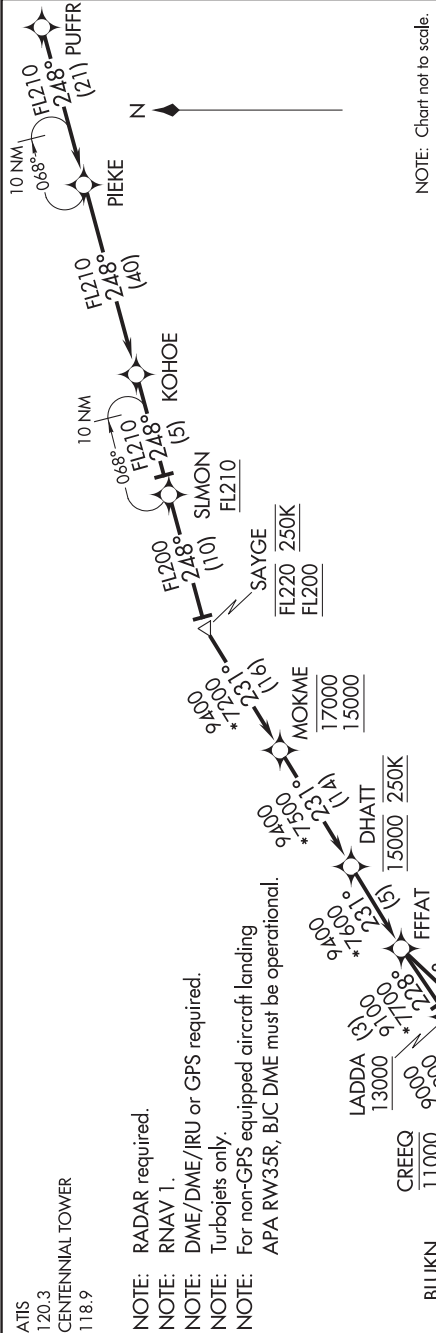
. . . .from over POWDR on the DVV VORTAC R-225 to HLLIE, then on DVV VORTAC R-225 to SLOPE, then on DVV VORTAC R-225 to DVV. Expect RADAR vectors to the final approach course at or before DVV VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



ARRIVAL ROUTE DESCRIPTION

From PUFFR on track 248° to PIEKE, then as depicted to cross DHATT at 15000 and at 250K. Thence. . .

**LANDING RUNWAY 17L:** From DHATT on track 231° to FFFAT, then on track 228° to cross LADDA at/above 13000, then as depicted to cross LOWRE at 7800. Expect RNAV (GPS) RWY 17L or visual approach as assigned.

**LANDING RUNWAY 35R:** From DHATT on track 231° to FFFAT, then on track 227° to DEN VOR/DME, then as depicted to cross FIRPI at 9000 and at/below 210K. Expect RNAV (GPS) RWY 35R or visual approach as assigned.

**LOST COMMUNICATIONS**  
In the event of lost communications prior to runway assignment:  
From over LOWRE- execute the RNAV (GPS) RWY 17L approach.  
From over FIRPI- execute the RNAV (GPS) RWY 35R approach.  
Non-GPS equipped aircraft- execute the ILS or LOC RWY 35R approach.

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER APP CON  
126.55 269.525  
D-ATIS ARR  
125.6 379.9



PURRL TWO ARRIVAL (RNAV)  
(DANDD.PURRL2) 18SEP14

(DANDD.PURRL2) 17173

PURRL TWO ARRIVAL (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

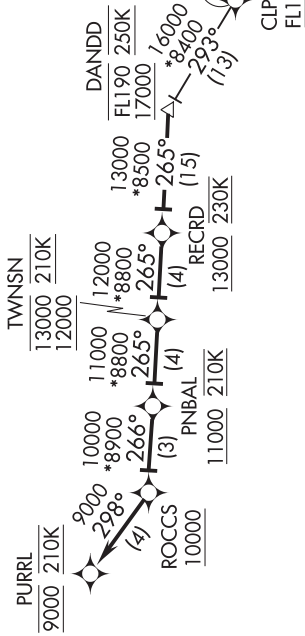
ARRIVAL ROUTE DESCRIPTION

KLISS TRANSITION (KLISS.PURRL2)  
OATHE TRANSITION (OATHE.PURRL2)

From DANDD on track 265° to cross RECRD at/above 13000 and at 230K, then as depicted to PURRL. Expect ILS or visual approach as assigned by ATC.

LOST COMMUNICATIONS:

In the event of lost communications prior to runway assignment, execute the ILS RWY 35R approach.



NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: Expect runway assignment from Denver TRACON upon initial contact.

NOTE: Corresponding RNAV STAR is JAGGR. Expect JAGGR when Denver is landing south.

NOTE: Descend via mach number until transition to 280K. Maintain 280K until slowed by STAR or as assigned by ATC.

NOTE: Chart not to scale.

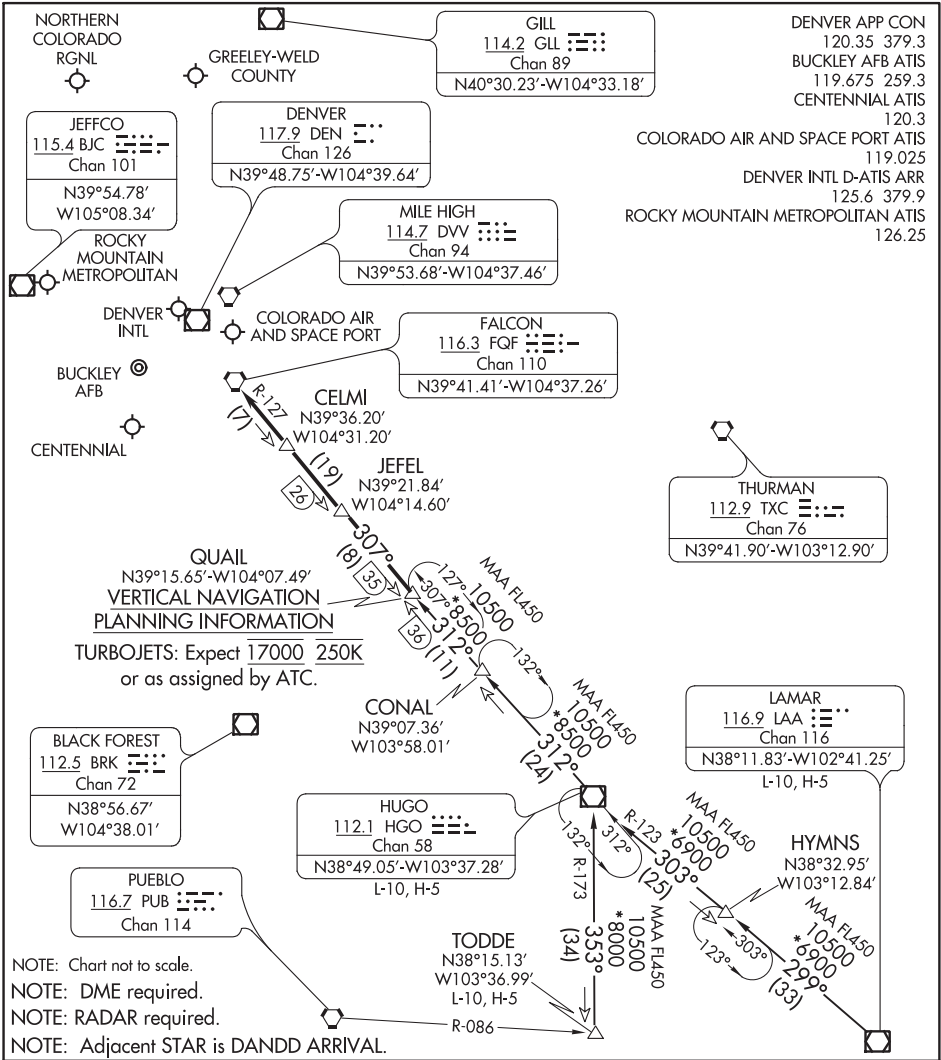
DENVER, COLORADO  
DENVER INTL (DEN)



(QUAIL.QUAIL1) 20030  
QUAIL ONE ARRIVAL

AL-9077 (FAA)

DENVER, COLORADO



ARRIVAL ROUTE DESCRIPTION

HUGO TRANSITION (HGO.QUAIL1): From over HGO VOR/DME on HGO R-312 to QUAIL. Thence. . .

LAMAR TRANSITION (LAA.QUAIL1): From over LAA VOR/DME on LAA R-299 and HGO R-123 to HGO VOR/DME, then on HGO R-312 to QUAIL. Thence. . .

TODDE TRANSITION (TODDE.QUAIL1): From over TODDE on HGO R-173 to HGO VOR/DME, then on HGO R-312 to QUAIL. Thence. . .

. . . from over QUAIL on HGO R-312 and FQF R-127 to FQF VORTAC. Expect RADAR vectors to the final approach course at or before FQF VORTAC.

QUAIL ONE ARRIVAL  
(QUAIL.QUAIL1) 30JAN20

DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

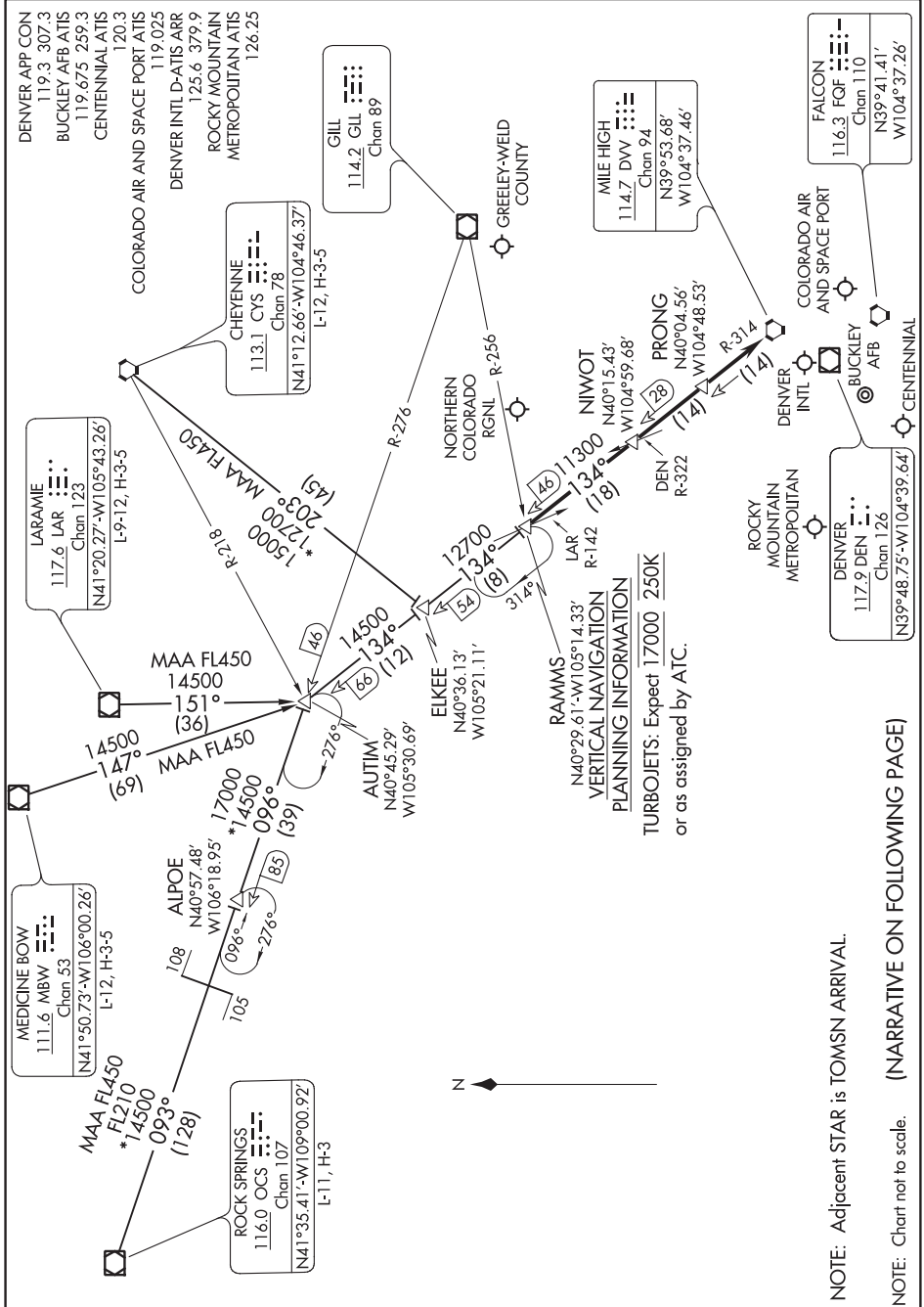


## RAMMS EIGHT ARRIVAL

AL-9077 (FAA)

DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020

NOTE: Adjacent STAR is TOMSN ARRIVAL.

NOTE: Chart not to scale.

NOTE: Chart not to scale.

## RAMMS EIGHT ARRIVAL

(RAMMS.RAMMS8) 30JAN20

DENVER, COLORADO



ARRIVAL ROUTE DESCRIPTION

CHEYENNE TRANSITION (CYS.RAMMS8): From over CYS VORTAC on CYS R-203 and DVV R-314 to RAMMS. Thence. . . .

LARAMIE TRANSITION (LAR.RAMMS8): From over LAR VOR/DME on LAR R-151 and DVV R-314 to RAMMS. Thence. . . .

MEDICINE BOW TRANSITION (MBW.RAMMS8): From over MBW VOR/DME on MBW R-147 and DVV R-314 to RAMMS. Thence. . . .

ROCK SPRINGS TRANSITION (OCS.RAMMS8): From over OCS VOR/DME on OCS R-093 and GLL R-276 to ALPOE then on GLL R-276 and DVV R-314 to RAMMS. Thence. . . .

. . . .from over RAMMS on DVV R-314 to DVV VORTAC. Expect RADAR vectors to the final approach course at or before DVV VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

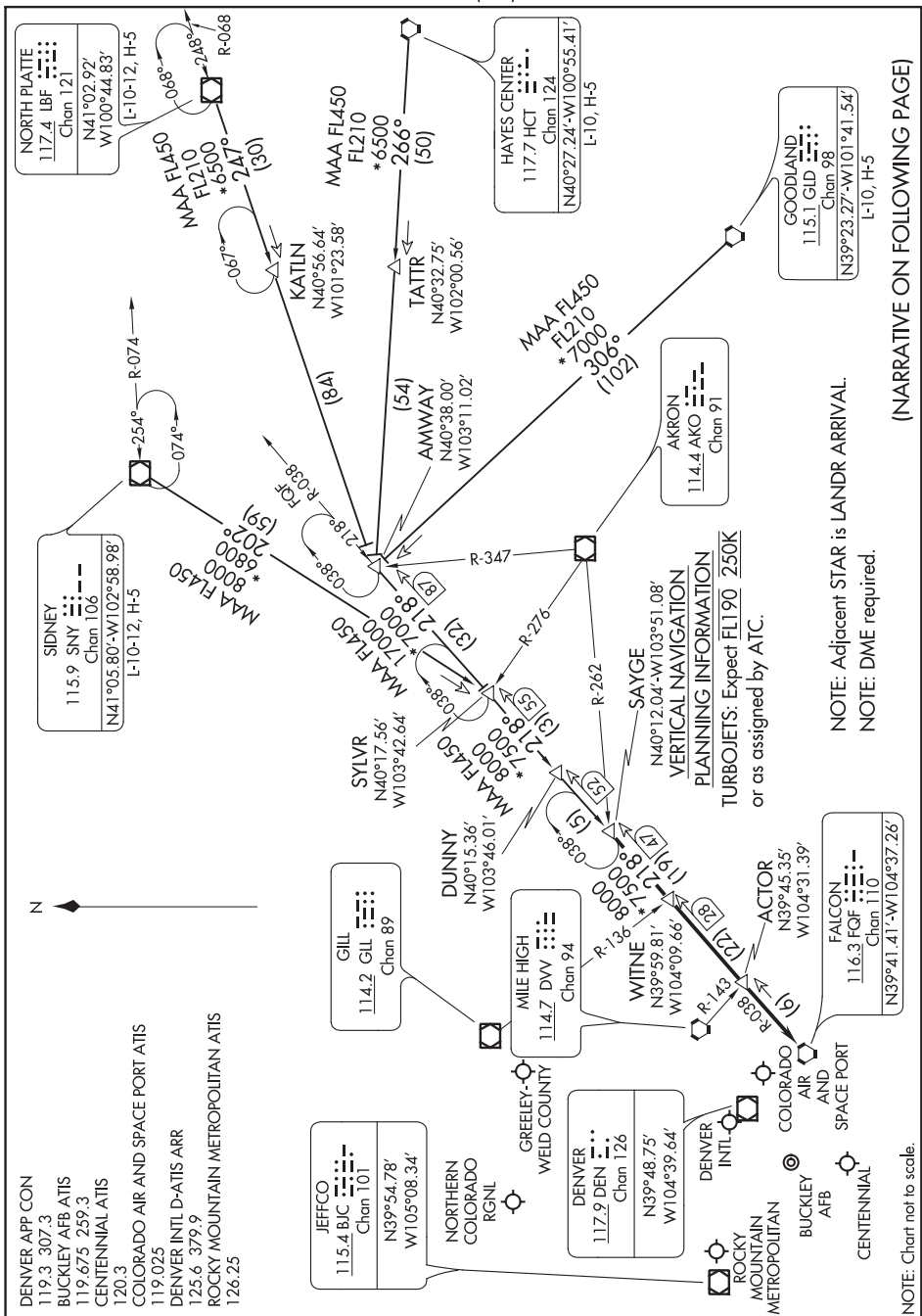
SW-1, 30 JAN 2020 to 26 MAR 2020



## SAYGE TWO ARRIVAL

AL-9077 (FAA)

DENVER, COLORADO



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Adjacent STAR is LANDR ARRIVAL.  
NOTE: DME required.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

## SAYGE TWO ARRIVAL

(SAYGE.SAYGE2) 30JAN20

DENVER, COLORADO



ARRIVAL ROUTE DESCRIPTION

GOODLAND TRANSITION (GLD.SAYGE2): From over GLD VORTAC on GLD R-306 and FQF R-038 to SAYGE. Thence. . . .

HAYES CENTER TRANSITION (HCT.SAYGE2): From over HCT VORTAC on HCT R-266 and FQF R-038 to SAYGE. Thence. . . .

NORTH PLATTE TRANSITION (LBF.SAYGE2): From over LBF VOR/DME on LBF R-247 and FQF R-038 to SAYGE. Thence. . . .

SIDNEY TRANSITION (SNY.SAYGE2): From over SNY VOR/DME on SNY R-202 and FQF R-038 to SAYGE. Thence. . . .

. . . .from over SAYGE on FQF R-038 to FQF VORTAC. Expect RADAR vectors to the final approach course at or before FQF VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(SNDIA.SNDIA3) 17117

## SNDIA THREE ARRIVAL (RNAV)

AL-12 (FAA)

ALBUQUERQUE INTL SUNPORT (ABQ)

ALBUQUERQUE, NEW MEXICO

D-ATIS  
118.0 257.7  
ALBUQUERQUE APP CON  
123.9 354.1

DATME

FL200  
189°  
(20)

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: For non-GPS equipped aircraft,  
SAF DME must be operational.NOTE: Landing Runway 3: Expect RNAV (RNP)  
approach clearance or RADAR vectors to  
final approach course prior to CRSTN.NOTE: Landing Runway 8: Expect RNAV (RNP)  
or ILS approach clearance or RADAR  
vectors to final approach course prior to  
CRSTN.NOTE: Landing Runways 21, 26: Expect RNAV  
(RNP) approach clearance or RADAR  
vectors to final approach course prior to  
CADAT.

EBIDE

FL200  
189°  
(15)

10 NM

ESPAN

FL200  
188°  
(13)

DETEC

FL280 270K  
FL20013100  
187°  
(20)13100  
235°  
(21)

SNDIA

FITEE

FL280 270K  
FL200FL200  
236°  
(38)

TAMEY

NOTE: Chart not to scale.

## ARRIVAL ROUTE DESCRIPTION

DATME TRANSITION (DATME.SNDIA3)FITEE TRANSITION (FITEE.SNDIA3)TAMEY TRANSITION (TAMEY.SNDIA3)

From SNDIA on track 193° to cross VLCNO between 14000 and 16000 and at 250K, then on track 193° to cross ASIDE between 10000 and 11000 and at 250K.

LANDING RUNWAY 3: From ASIDE on track 196° to cross CRSTN at 9000 and at 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.

LANDING RUNWAY 8: From ASIDE on track 196° to cross CRSTN at 9000 and at 210K. Expect RNAV (RNP) or ILS approach or RADAR vectors to final approach course.

LANDING RUNWAYS 21/26: From ASIDE on track 109° to cross CADAT at 9000 and at or below 210K. Expect RNAV (RNP) approach or RADAR vectors to final approach course.

VLCNO  
16000 250K  
14000

ASIDE  
11000 250K  
10000

CRSTN  
9000 210K

CADAT  
9000 210K

## SNDIA THREE ARRIVAL (RNAV)

(SNDIA.SNDIA3) 08JAN15

ALBUQUERQUE, NEW MEXICO

ALBUQUERQUE INTL SUNPORT (ABQ)



DENVER APP CON  
120.35 379.3  
D-ATIS ARR  
125.6 379.9

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

**NOTE:** Expect runway assignment on initial contact with Denver TRACON.

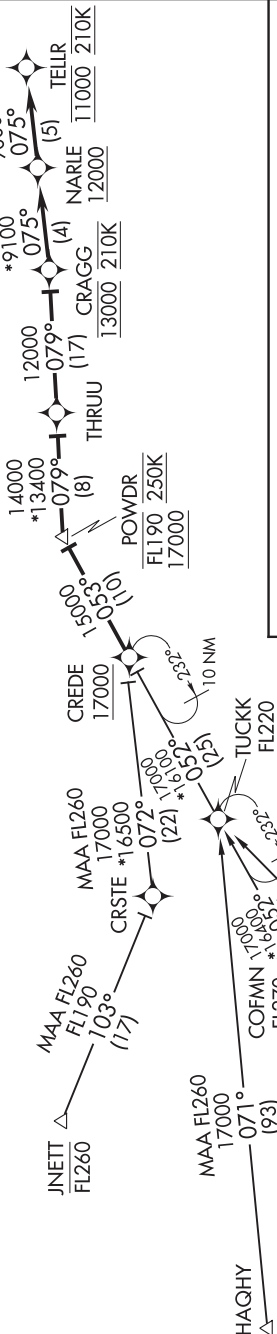
NOTE: Corresponding RNAV STAR is CREDE. Expect CREDE when Denver is landing south.

NOTE: Descend via mach number until transition to 280K. Maintain 280K until slowed by

STAR or assigned by ATC.

NOTE: For non-GPS equipped aircraft using WOLFF, HAQHY and BLUE MESA transitions,

HBU and DBL DMEs must be operational.



## ARRIVAL ROUTE DESCRIPTION

BLUE MESA TRANSITION (HBU.TELLR2)

HAQHY TRANSITION (HAQHY.TELLR2)

JNETT TRANSITION (JNETT.TELLR2)

WOLFF TRANSITION (WOLFF.TELLR2)

From CREDE on track 053° to cross POWDR at/above 17000 and at/below FL190 and at 250K, then as depicted to TELLR at 11000 and at 210K. Expect ILS or visual approach as assigned by ATC.

**LOST COMMUNICATIONS:** In the event of lost communications prior to runway assignment, execute the ILS RWY 34R.

NOTE: Chart not to scale.

SW-1, 30 JAN 2020 to 26 MAR 2020

TELLR TWO ARRIVAL (RNAV)  
(CREDE.TELLR2) 18SEP14

DENVER, COLORADO  
DENVER INTL (DEN)

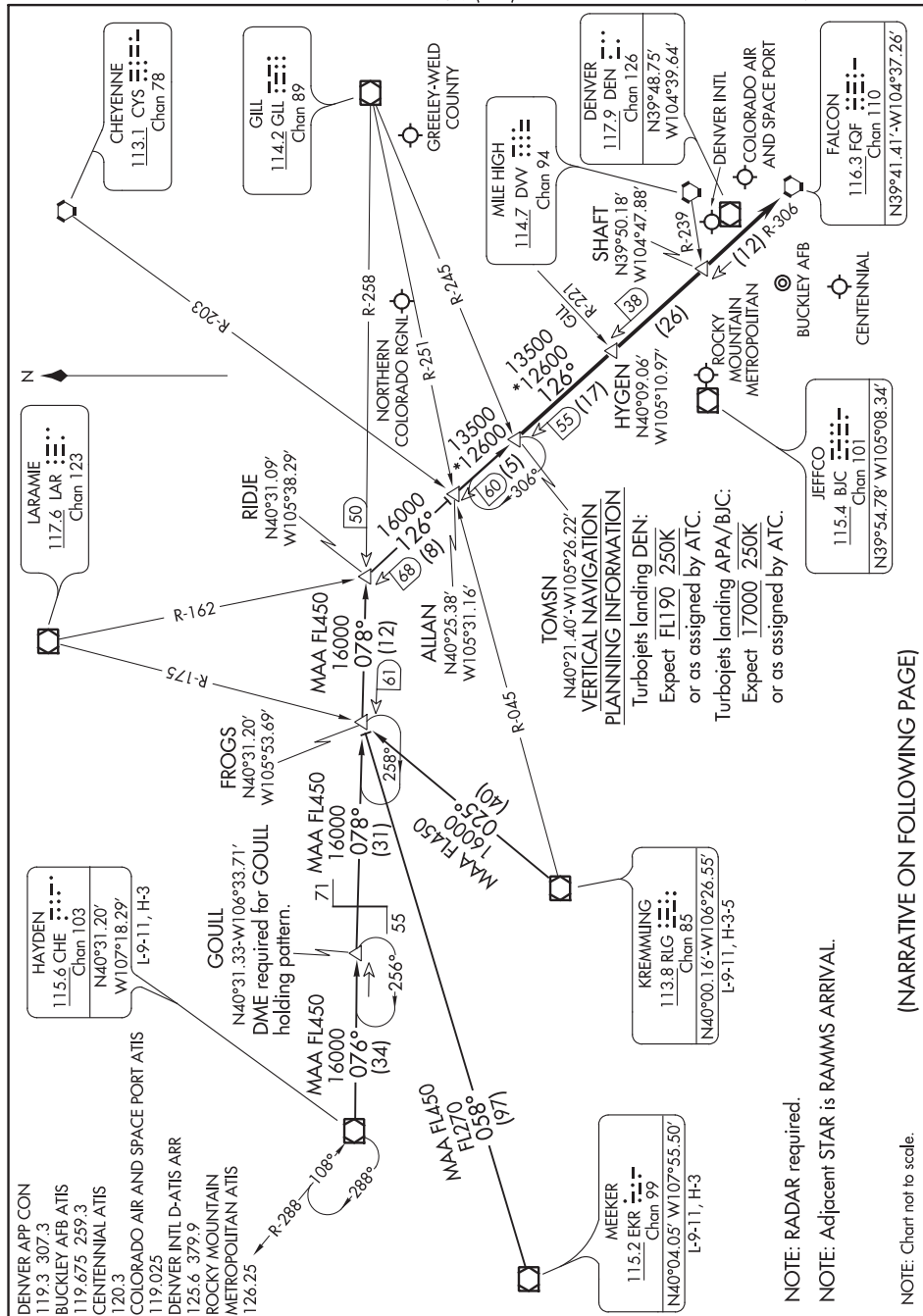


TOMSN EIGHT ARRIVAL

AL-9077 (FAA)

DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

TOMSN EIGHT ARRIVAL

DENVER, COLORADO



ARRIVAL ROUTE DESCRIPTION

HAYDEN TRANSITION (CHE.TOMSN8): From over CHE VOR/DME on CHE R-076 to GOULL then on CHE R-076 and GLL R-258 to FROGS, then on GLL R-258 and FQF R-306 to TOMSN. Thence. . . .

KREMLING TRANSITION (RLG.TOMSN8): From over RLG VOR/DME on RLG R-025 and GLL R-258 to RIDJE, then on FQF R-306 to TOMSN. Thence. . . .

MEEKER TRANSITION (EKR.TOMSN8): From over EKR VOR/DME on EKR R-058 and GLL R-258 to RIDJE, then on FQF R-306 to TOMSN. Thence. . . .

. . . .from over TOMSN on FQF R-306 to FQF VORTAC. Expect RADAR vectors to the final approach course at or before FQF VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

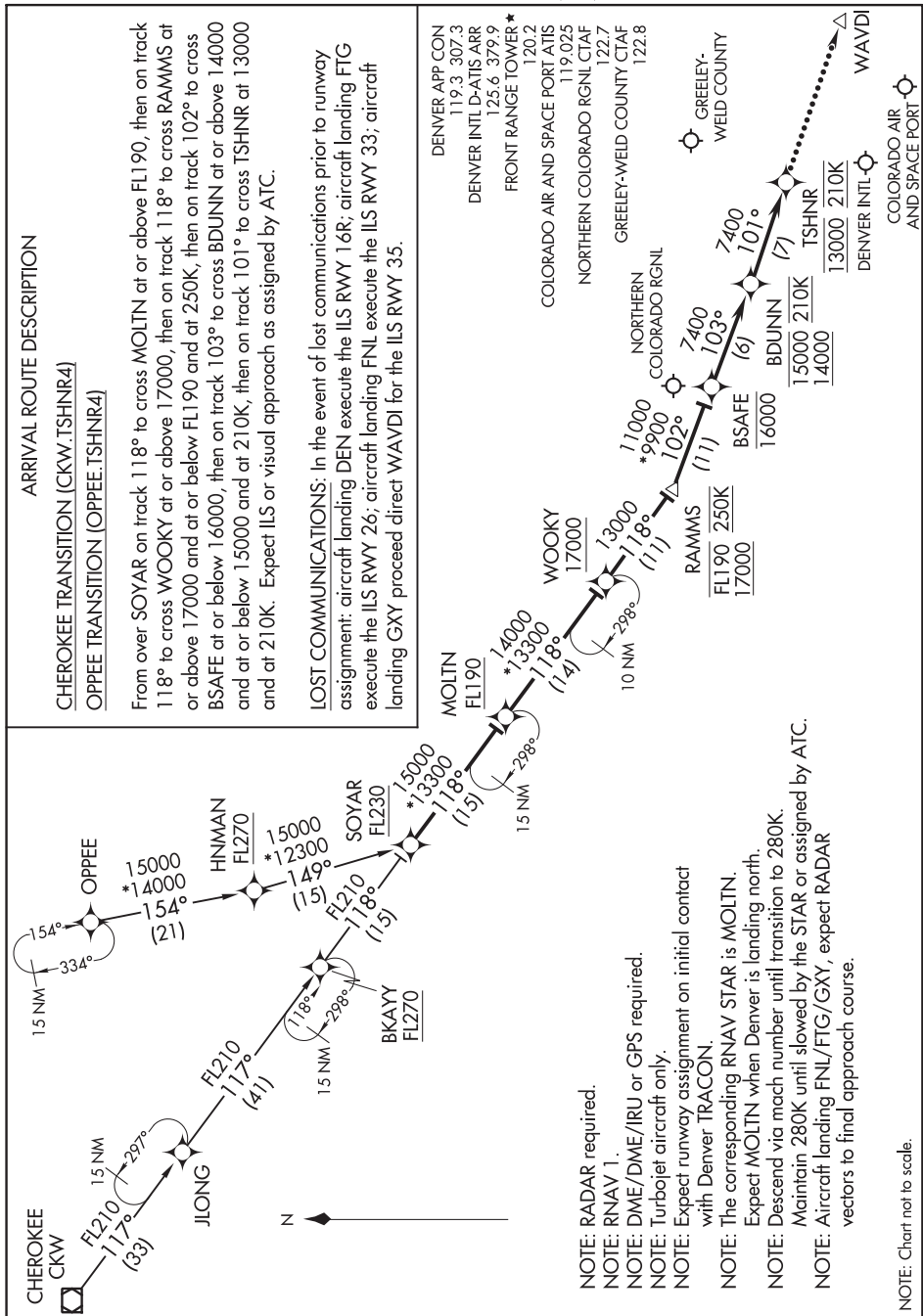


TSHNR FOUR ARRIVAL (RNAV)

AL-9077 (FAA)

DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020

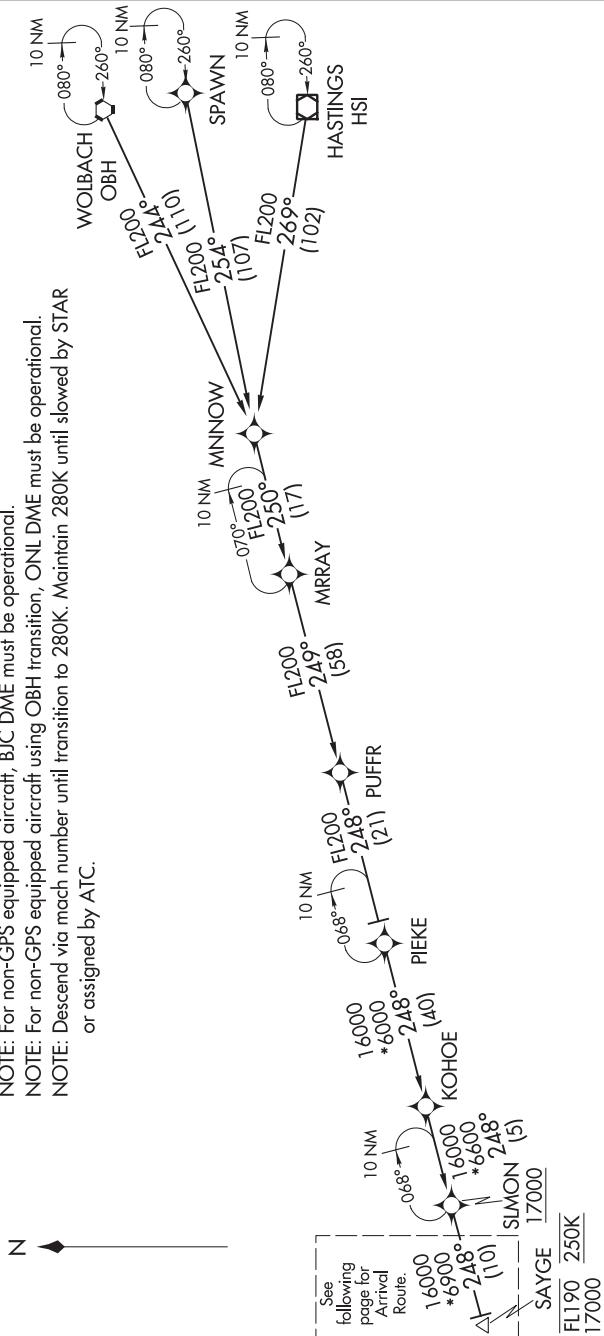
TSHNR FOUR ARRIVAL (RNAV)

DENVER, COLORADO



## DENVER, COLORADO

NOTE: Descend via mach number until transition to 280K. Maintain 280K until slowed by STAR or assigned by ATC.



NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

HASTINGS TRANSITION (HSI.WAHUU2)

SPAWN TRANSITION (SPAWN.WAHU2)

WOLBACH TRANSITION (OBH.WAHUU2)



(WAHUU.WAHUU2) 17173

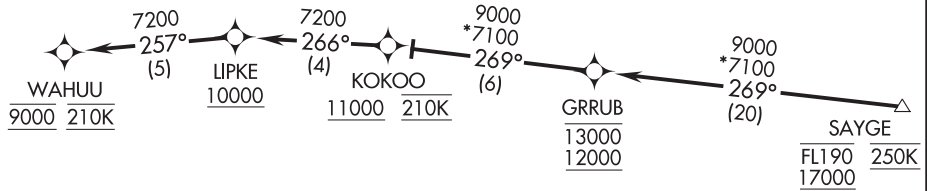
WAHUU TWO ARRIVAL (RNAV) Arrival Route

AL-9077 (FAA)

DENVER INTL (DEN)

DENVER, COLORADO

DENVER APP CON  
124.95 346.4  
D-ATIS ARR  
125.6 379.9



NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: Expect runway assignment on initial contact with Denver TRACON.

NOTE: The corresponding RNAV STAR is KOHOE. Expect KOHOE when DEN is landing north.

NOTE: For non-GPS equipped aircraft, BJC DME must be operational.

NOTE: Descend via mach number until transition to 280K. Maintain 280K until slowed by STAR or assigned by ATC.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From SAYGE on track 269° to cross GRRUB at/above 12000 and at/below 13000, then as depicted to WAHUU. Expect ILS or visual approach as assigned by ATC.

LOST COMMUNICATIONS

In the event of lost communications prior to runway assignment, execute the ILS RWY 17R.

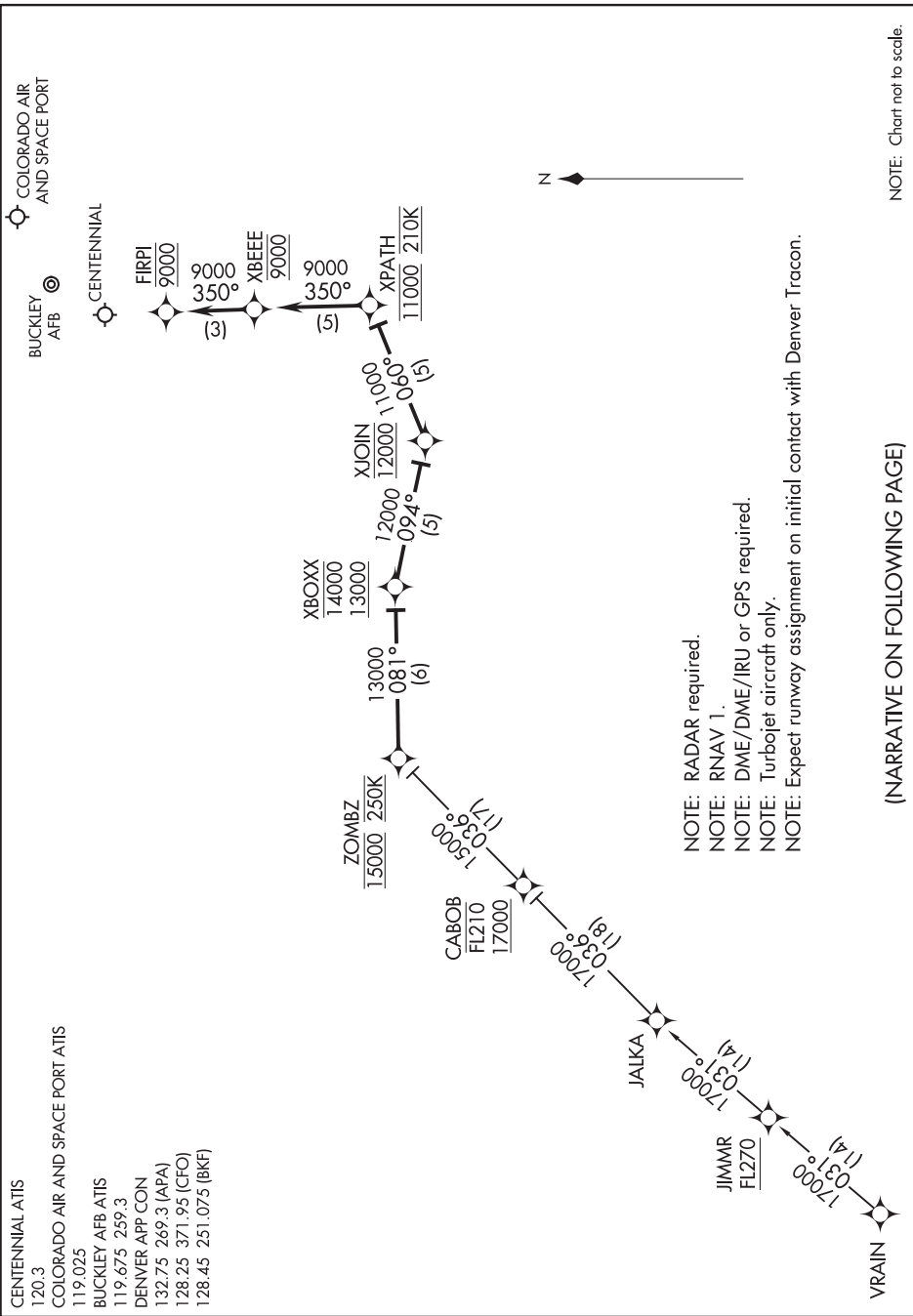
WAHUU TWO ARRIVAL (RNAV) Arrival Route

(WAHUU.WAHUU2) 13NOV14

DENVER, COLORADO  
DENVER INTL (DEN)



SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020

(NARRATIVE ON FOLLOWING PAGE)



ARRIVAL ROUTE DESCRIPTION

VRAIN TRANSITION (VRAIN.ZOMBZ2)

From ZOMBZ on track 081° to cross XBOXX between 13000 and 14000, then on track 094° to cross XJOIN at 12000, then on track 060° to cross XPATH at 11000 and at 210K, then on track 350° to cross XBEEE at 9000, then on track 350° to cross FIRPI at 9000.

LANDING APA: Expect ILS RWY 35R or visual approach as assigned by ATC, or RADAR vectors for 17L/R.

LANDING CFO or BKF: Expect RADAR vectors for final approach course.

LOST COMMUNICATIONS

In the event of lost communications prior to runway assignment. . . .

. . . .LANDING APA: Execute the ILS RWY 35R approach.

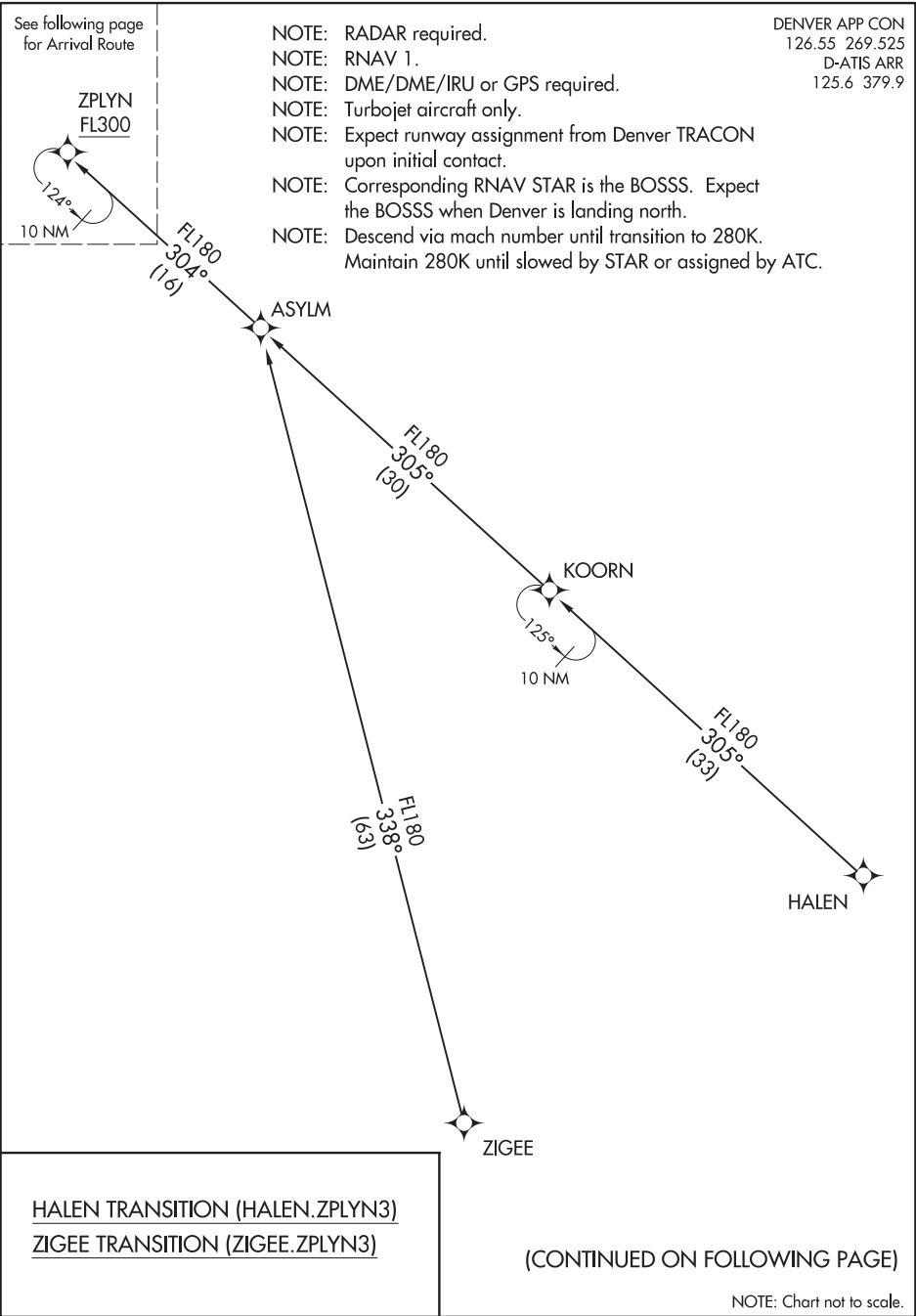
. . . .LANDING CFO: Execute the ILS RWY 26 approach.

. . . .LANDING BKF: Execute the ILS RWY 32 approach.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





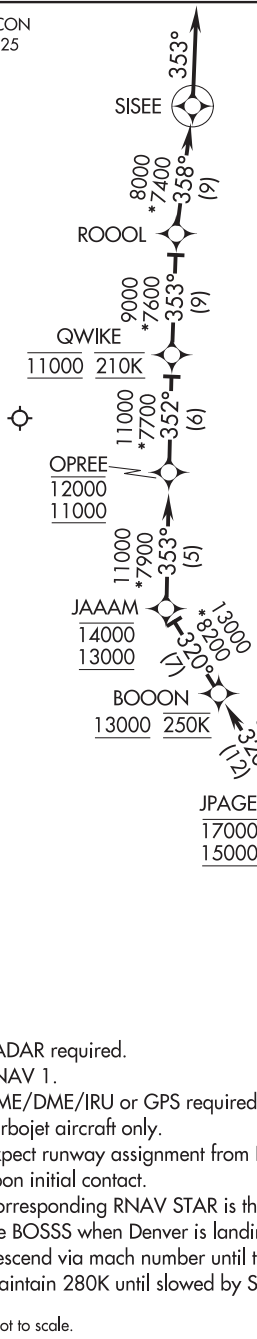


(ZPLYN.ZPLYN3) 17173

## ZPLYN THREE ARRIVAL (RNAV) Arrival Route

AL-9077 (FAA) DENVER INTL (DEN)  
DENVER, COLORADO

DENVER APP CON  
126.55 269.525  
D-ATIS ARR  
125.6 379.9



## ARRIVAL ROUTE DESCRIPTION

From ZPYLN on track 304° to cross IDOLL at/above FL260, then as depicted to SISEE. Then on track 353°. Expect RADAR vectors to final approach course.

## LOST COMMUNICATIONS

In the event of lost communications prior to runway assignment, execute the ILS RWY 17R approach.

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: Expect runway assignment from Denver TRACON upon initial contact.

NOTE: Corresponding RNAV STAR is the BOSSS. Expect the BOSSS when Denver is landing north.

NOTE: Descend via mach number until transition to 280K.  
Maintain 280K until slowed by STAR or assigned by ATC.

NOTE: Chart not to scale.

## ZPLYN THREE ARRIVAL (RNAV) Arrival Route

(ZPLYN.ZPLYN3) 18SEP14

DENVER, COLORADO  
DENVER INTL (DEN)



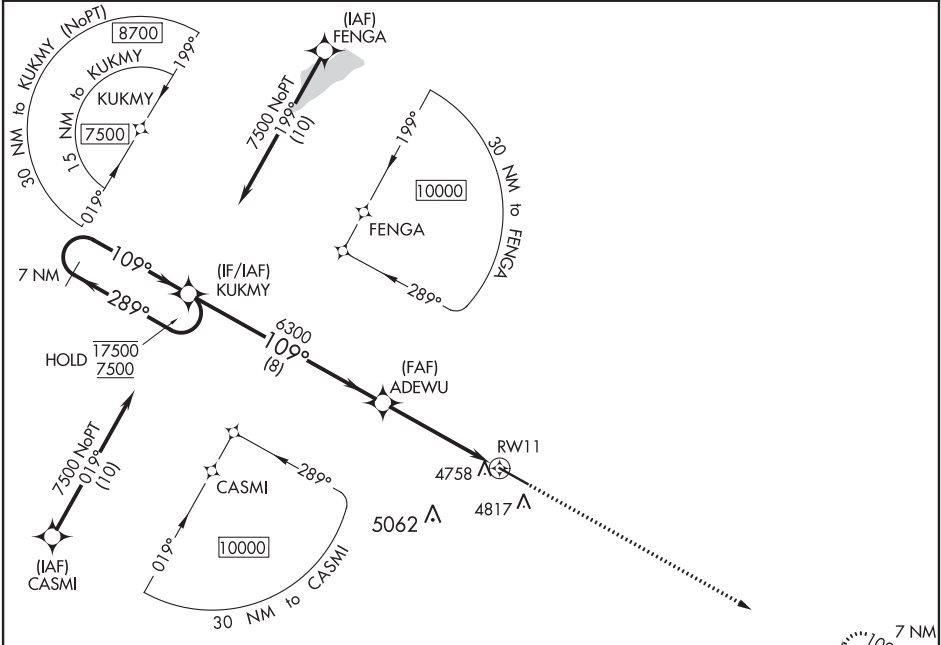
WAAS CH <b>82340</b> <b>W11A</b>	APP CRS <b>109°</b>	Rwy Idg TDZE <b>4716</b> Apt Elev <b>4716</b>
--	------------------------	---

RNAV (GPS) RWY 11

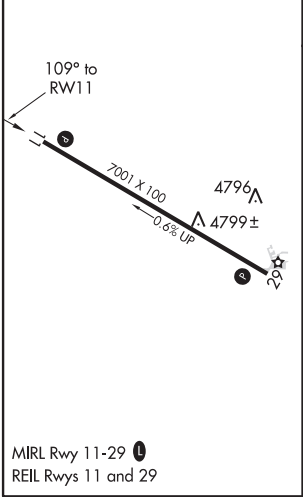
COLORADO PLAINS RGNL (AKO)

RNP APCH	MISSED APPROACH: Climb to 7500 direct JUBOS and hold.
▼ Rwy 11 helicopter visibility reduction below ¾ SM NA. ▲ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C or above 54°C.	

ASOS <b>135.475</b>	DENVER CENTER <b>133.95 317.55</b>	UNICOM <b>122.8 (CTAF) 1</b>
------------------------	---------------------------------------	---------------------------------



ELEV 4716	TDZE 4716
-----------	-----------



7 NM Holding Pattern		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 44).		7500	JUBOS
17500 7500		ADEWU 6300		*LNAV only	
GP 3.00° TCH 54		6300		* 0.8 NM to RWY 11	
8 NM		4 NM		0.8	
CATEGORY	A	B	C	D	
LPV DA	4966-1 250 (300-1)				
LNAV/VNAV DA	4966-1 250 (300-1)				
LNAV MDA	5020-1 304 (400-1)				
CIRCLING	5140-1 424 (500-1)	5260-1 544 (600-1)	5420-2 704 (800-2)	5420-2¼ 704 (800-2¼)	



RNAV (GPS) RWY 29  
COLORADO PLAINS RGNL (AKO)

RNP APCH

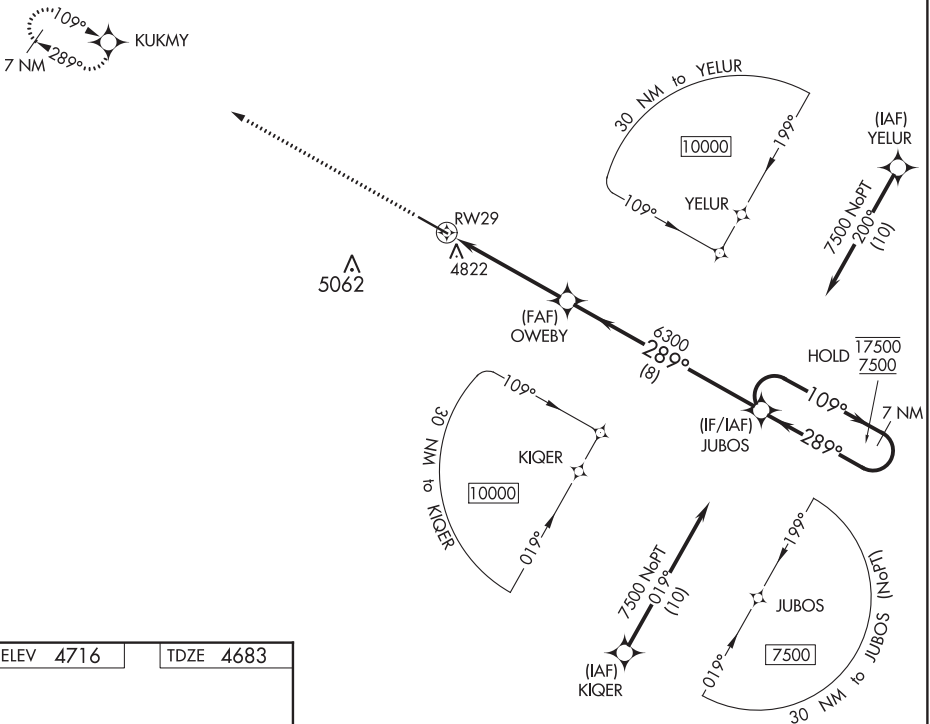
**T** For uncompensated Baro-VNAV systems, LNAV/VNAV  
**A** NA below -22°C or above 54°C.

**MISSED APPROACH:** Climb to 7500 to KUKMY and hold.

ASOS  
135.475

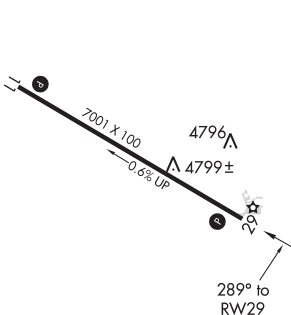
DENVER CENTER  
133.95 317.55

UNICOM  
122.8 (CTAF) **L**



ELEV 4716

TDZE 4683



MIRL Rwy 11-29 **L**  
REIL Rwy 11 and 29

7500 ↑	KUKMY ✱	VGS1 and RNAV glidepath not coincident (VGS1 Angle 3.00/TCH 43).			
*RNAV only					
CATEGORY	A		B	C	D
LPV DA	4933-1		250 (300-1)		
RNAV/ VNAV	4987-1		304 (300-1)		
RNAV MDA	5080-1 397 (400-1)			5080-1½ 397 (400-1½)	
CIRCLING	5140-1 424 (500-1)	5260-1 544 (600-1)	5420-2 704 (800-2)	5420-2¼ 704 (800-2¼)	

AKRON, COLORADO

Amdt 1A 15AUG19

40°11'N-103°13'W

COLORADO PLAINS RGNL (AKO)  
RNAV (GPS) RWY 29

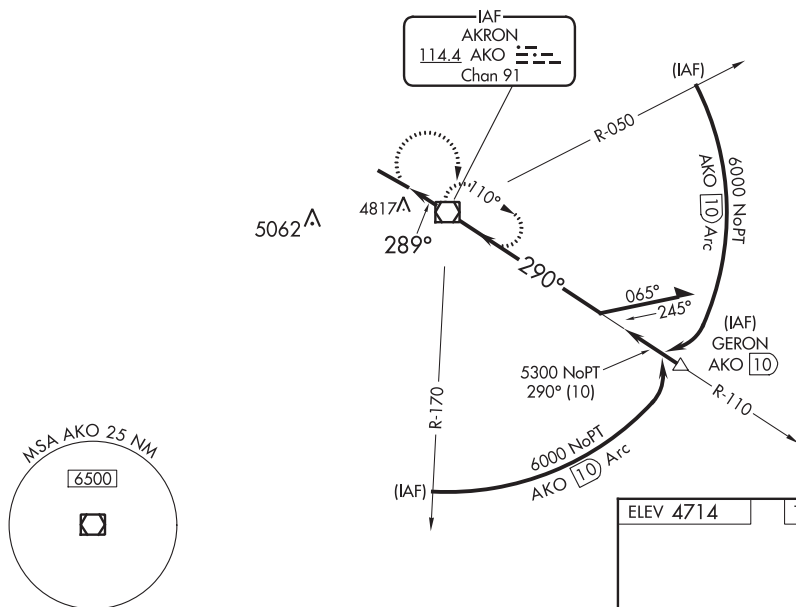
SW-1, 30 JAN 2020 to 26 MAR 2020



VOR RWY 29  
COLORADO PLAINS RGNL (AKO)



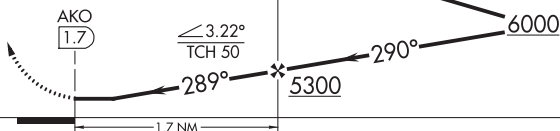
ASOS <b>135.475</b>	DENVER CENTER <b>133.95 317.55</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	---------------------------------------	---------------------------------

AKC  

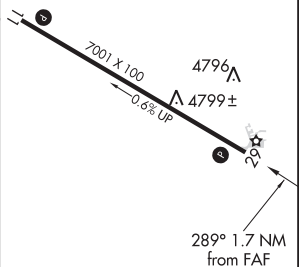

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 43).

AKO  
VOR/DM

Remain  
within 10 NM



CATEGORY	A	B	C	D
S-29	5120-1 439 (500-1)		5120-1¼ 439 (500-1¼)	5120-1½ 439 (500-1½)
CIRCLING	5160-1 446 (500-1)	5180-1 466 (500-1)	5300-1½ 586 (600-1½)	5300-2 586 (600-2)



MIRL Rwy 11-29 **L**  
REIL Rwy 11 and 29

FAF to MAP 1.7 NM					
Knots	60	90	120	150	180
Min:Sec	1:42	1:08	0:51	0:41	0:34

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







VOR/DME BWS

109.6

Chan 33

APP CRS

038°

Rwy Idg

9207

TDZE

4151

Apt Elev

4199

VOR RWY 4

ALAMOGORDO-WHITE SANDS RGNL (ALM)

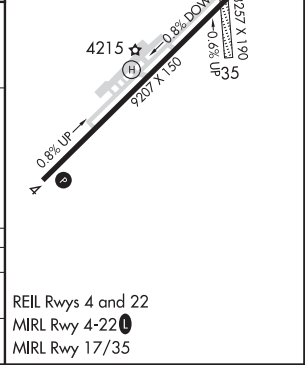
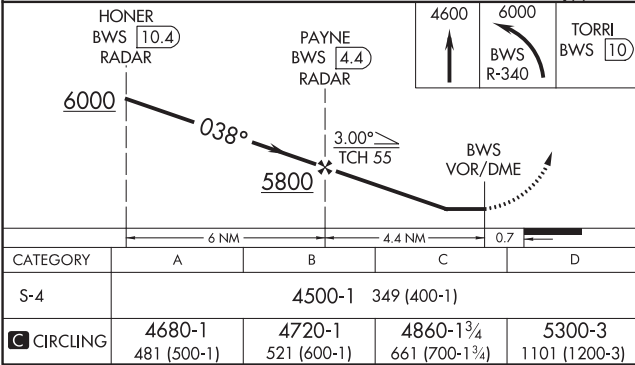
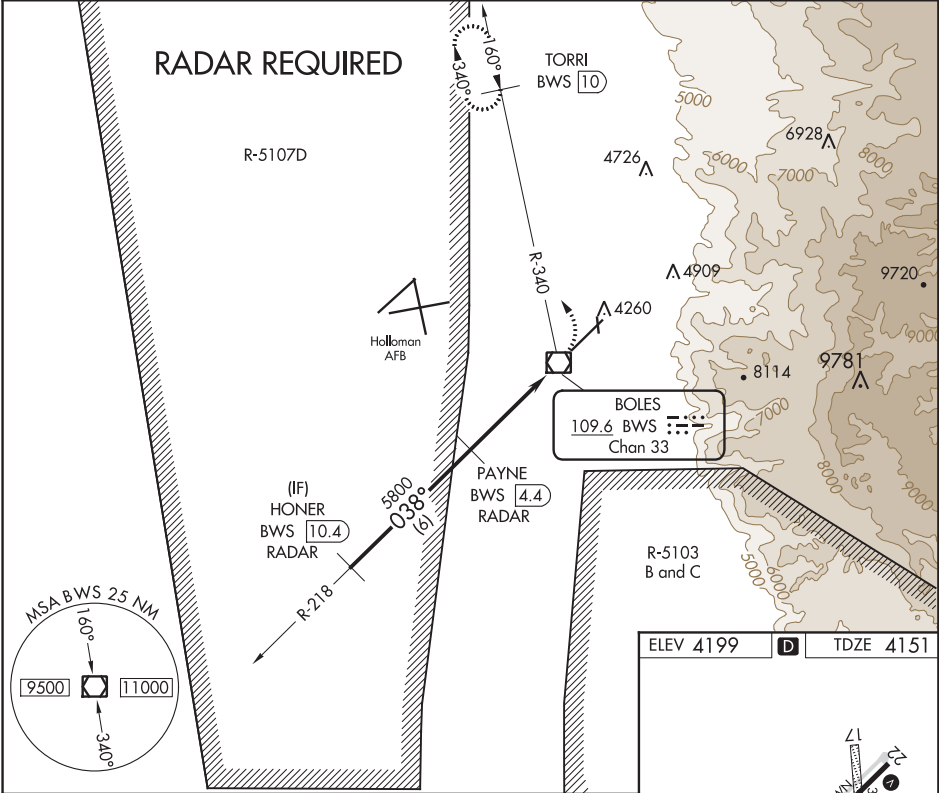
⚠

⚠

Circling NA to Rwys 17 and 35. Circling NA southeast of Rwy 4-22. DME required. Civil aircraft require ATC clearance prior to entering Restricted Area 5107D. Procedure NA when Holloman Approach Control closed.

MISSED APPROACH: Climb to 4600 then climbing left turn to 6000 on BWS VOR/DME R-340 to TORRI/BWS 10 DME and hold.

AWOS-3 127.825	HOLLOMAN APP CON ★ 120.6 269.225	ALBUQUERQUE CENTER 132.65 257.6 (When tower closed)	UNICOM 122.8 (CTAF) 0
-------------------	-------------------------------------	---	--------------------------





(CRONA2.CNX) 19339

## CORONA TWO DEPARTURE (OBSTACLE)

ALAMOGORDO-WHITE SANDS RGNL (A.L.M)  
SL-5130 (FAA) ALAMOGORDO, NEW MEXICO

ALBUQUERQUE CENTER  
132.65 257.6  
HOLLOMAN DEP CON★  
128.1 284.0  
UNICOM  
122.8  
AWOS-3  
127.825

R-5107 C &amp; H

CORAS  
N33°40.34'  
W105°58.66'  
14000

CORONA  
115.5 CNX  
Chan 102  
N34°22.02'  
W105°40.68'  
L-6, H-4-6

BEAK A  
MOA

## TAKEOFF OBSTACLE NOTES

Rwy 4: Tree 150' from DER 440' right of centerline 4207' MSL.  
Trees beginning 175' from DER, 475' left of centerline, up to 4208' MSL.  
Tree 326' from DER 585' left of centerline 4209' MSL.  
Pole 1018' from DER 694' left of centerline 51' AGL/4258' MSL.  
Pole 1343' from DER 659' left of centerline 51' AGL/4260' MSL.

TRUTH OR CONSEQUENCES  
112.7 TCS  
Chan 74

## TAKEOFF MINIMUMS

Rwy 4: Standard with minimum climb of 240' per NM to 4600.  
Rwys 17, 35: NA-Environmental  
Rwy 22: NA-Airspace.

R-5107 D

HOLLOMAN  
AFB

BOLES  
109.6 BWS  
Chan 33

R-5103 B &amp; C

NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climbing left turn heading 310° to intercept BWS VOR/DME R-354 northbound. Cross CORAS at 14000, then right turn on CNX VORTAC R-187 to CNX VORTAC.

CORONA TWO DEPARTURE (OBSTACLE)  
(CRONA2.CNX) 05JAN17

ALAMOGORDO, NEW MEXICO  
ALAMOGORDO-WHITE SANDS RGNL (A.L.M)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC I-VQR <b>111.9</b>	APP CRS <b>023°</b>	Rwy Idg <b>8519</b> TDZE <b>7539</b> Apt Elev <b>7539</b>
---------------------------	------------------------	--

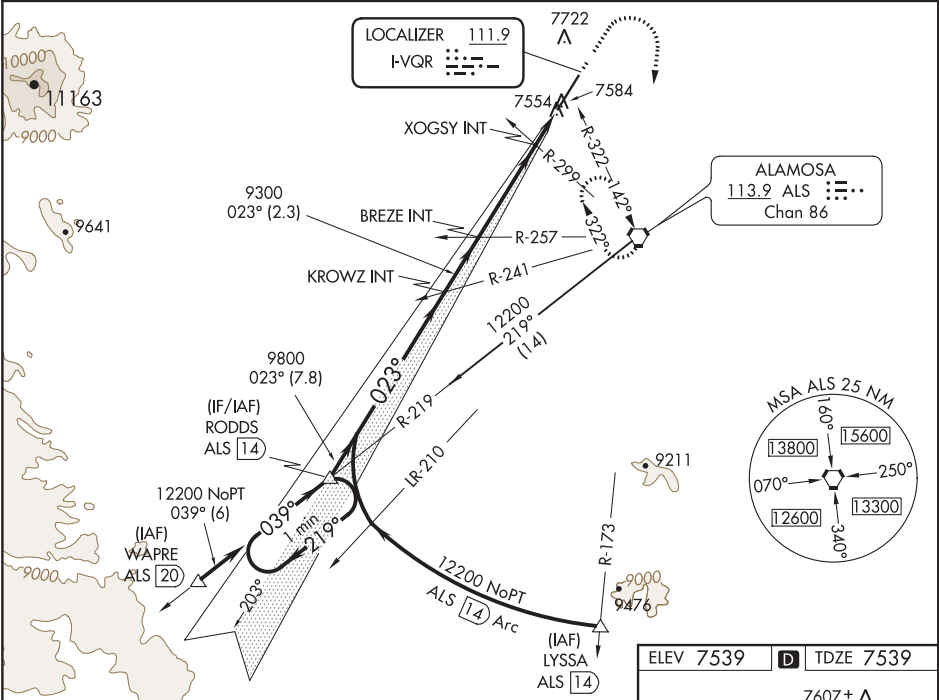
ILS or LOC RWY 2  
SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)

**NA** For inoperative ALS, increase S-LOC 2 Cats C/D visibility to 1 3/8 SM.

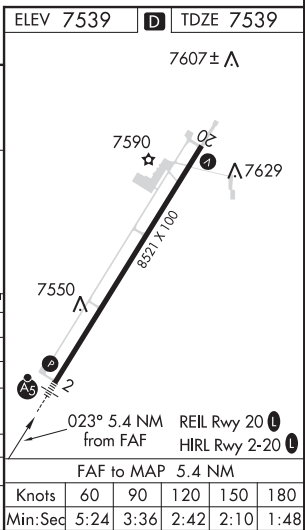
**MALSR**

**MISSED APPROACH:** Climb to 8700 then climbing right turn to 10000 direct ALS VORTAC and hold.

AWOS-3 <b>135.175</b>	DENVER CENTER <b>128.375 379.95</b>	UNICOM <b>122.8 (CTAF)</b>
--------------------------	--	-------------------------------



<div>One Minute Holding Pattern</div> <div>RODDES INT ALS 20</div> <div>KROWZ INT</div> <div>BREZE INT</div> <div>XOGSY INT</div> <div>*LOC only.</div> <div>7.8 NM 2.3 NM 3.9 NM 1.5 NM</div>					<div>8700</div> <div>↑</div>	<div>10000</div> <div>↗</div>	<div>ALS</div> <div>⬡</div>
<div>12200 ← 219°</div> <div>039° →</div> <div>023°</div> <div>9800</div> <div>9300</div> <div>9300</div> <div>*8040</div>							
<div>GS 3.00°</div> <div>TCH 48</div>							
CATEGORY	A		B	C	D		
S-ILS 2	7739-½				200 (200-½)		
S-LOC 2	8040-½ 501 (600-½)		8040-1		501 (600-1)		
<div>⬢</div> CIRCLING	8040-1 501 (600-1)		8080-1½ 541 (600-1½)		8100-2 561 (600-2)		
XOGSY FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)							
S-LOC 2	7820-½		281 (300-½)				
<div>⬢</div> CIRCLING	8040-1 501 (600-1)		8080-1½ 541 (600-1½)		8100-2 561 (600-2)		





ALAMOSA, COLORADO

AL-18 (FAA)

19171

WAAS CH <b>90410</b> <b>W02A</b>	APP CRS <b>023°</b>	Rwy Idg TDZE <b>7539</b> Apt Elev <b>7539</b>
--	------------------------	---

**RNAV (GPS) RWY 2**

SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -29°C (-20°F) or above 44°C (111°F). DME/DME RNP -0.3 NA. For inop ALS, increase LNAV/VNAV all Cats visibility to ¾ SM and LNAV Cats C/D visibility to 7/8 SM.

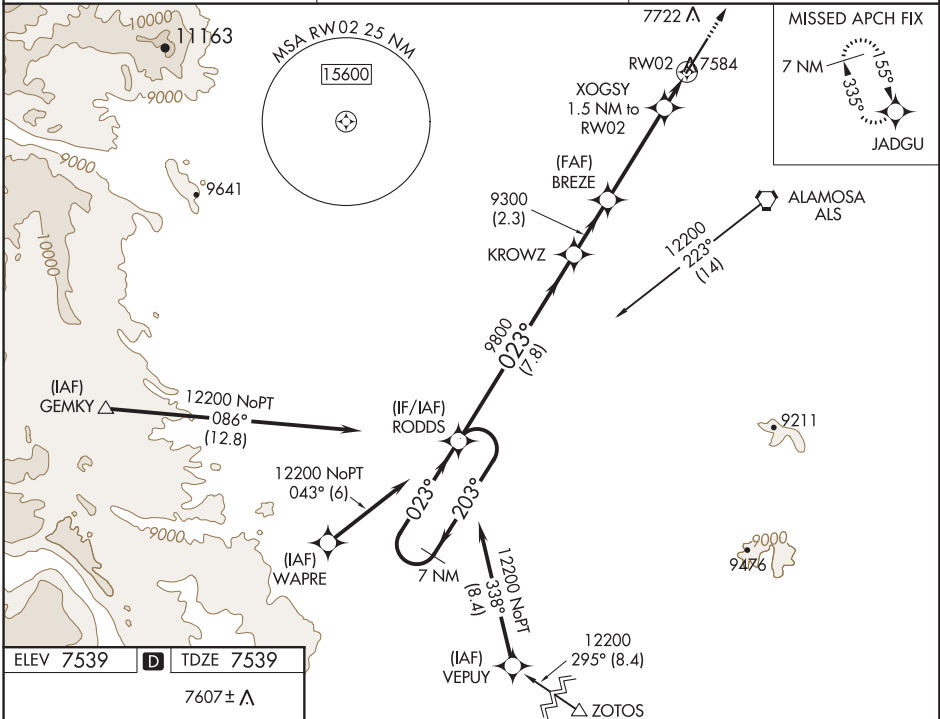


MISSED APPROACH:  
Climb to 10500 direct  
JADGU and hold.

AWOS-3  
**135.175**

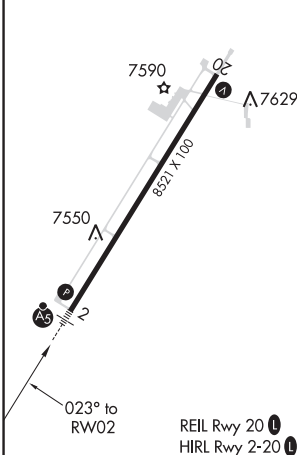
DENVER CENTER  
**128.375 379.95**

UNICOM  
**122.8 (CTAF)**



ELEV 7539 **D** TDZE 7539

7607± Δ



REIL Rwy 20 **0**  
HIRL Rwy 2-20 **0**

<div>7 NM Holding Pattern</div> <div>12200</div> <div>GP 3.00°</div> <div>TCH 48</div>		<div>RODSS</div>		<div>KROWZ</div>	<div>BREZE</div>	<div>XOGSY</div> <div>1.5 NM to RW02</div>	<div>10500</div> <div>↑</div>	<div>JADGU</div> <div>✦</div>
		<div>←203°</div> <div>023°→</div>		<div>023°</div>	<div>9800</div>	<div>9300</div>	<div>*8060</div>	<div>*LNAV only</div>
		<div>7.8 NM</div>		<div>2.3 NM</div>	<div>3.9 NM</div>	<div>0.7 NM</div>	<div>0.8 NM</div>	<div>RW02</div>
CATEGORY		A	B	C	D			
LPV DA		7739-½ 200 (200-½)						
LNAV/VNAV DA		7789-½ 250 (300-½)						
LNAV MDA		7840-½ 301 (400-½)						
<div>CIRCLING</div>		8040-1 501 (600-1)	8080-1½ 541 (600-1½)		8100-2 561 (600-2)			

ALAMOSA, COLORADO

Amdt 1 27APR17

SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)

37°26'N-105°52'W

**RNAV (GPS) RWY 2**

SW-1, 30 JAN 2020 to 26 MAR 2020

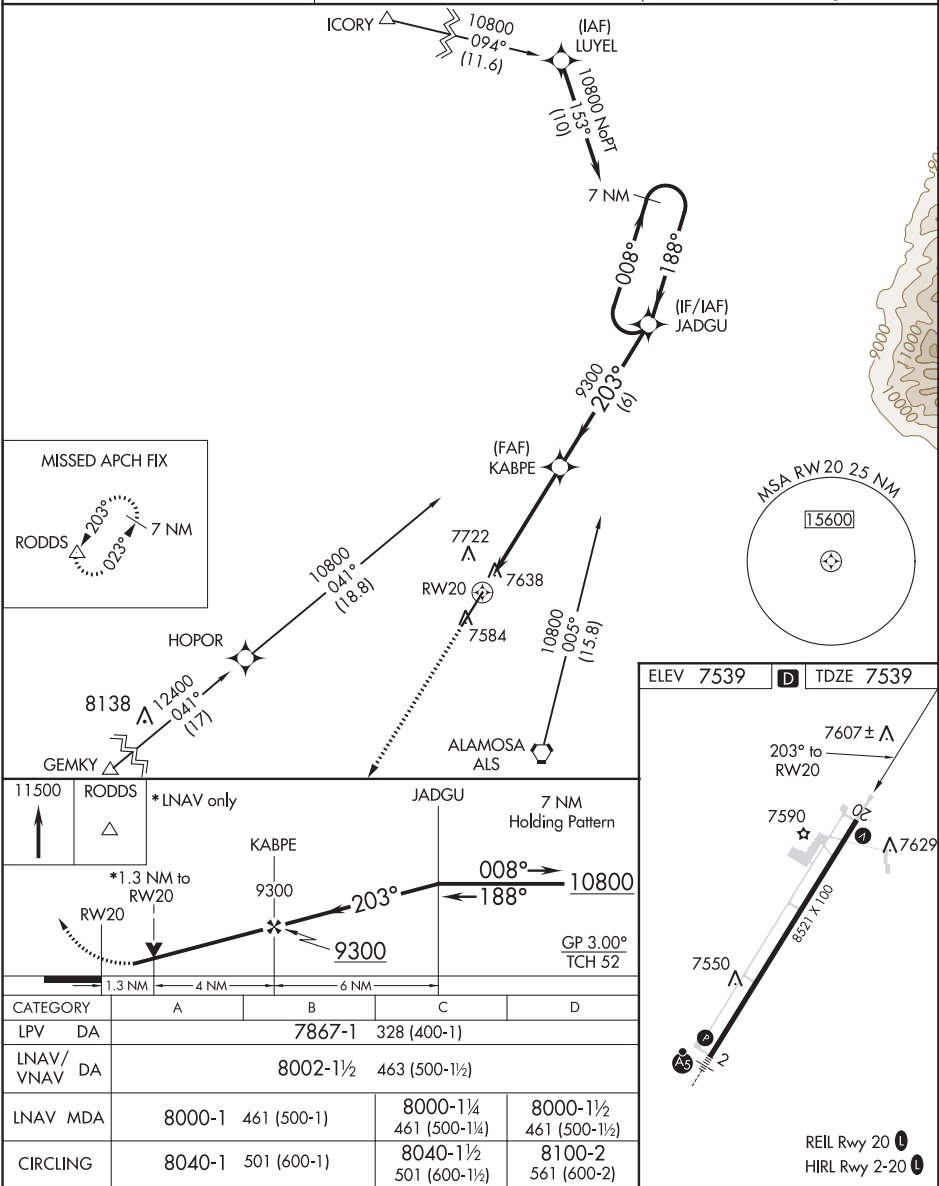


WAAS CH <b>93500</b> <b>W20A</b>	APP CRS <b>203°</b>	Rwy Idg <b>8519</b> TDZE <b>7539</b> Apt Elev <b>7539</b>
--	------------------------	---

**RNAV (GPS) RWY 20**  
SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)

<b>⚠</b> When local altimeter setting not received, procedure NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -30°C (-22°F) or above 34°C (93°F). DME/DME RNP- 0.3 NA. Visibility reduction by helicopters NA.	<b>MISSED APPROACH:</b> Climb to 11500 direct RODDS and hold, continue climb-in-hold to 11500.
--	--

AWOS-3 <b>135.175</b>	DENVER CENTER <b>128.375 379.95</b>	UNICOM <b>122.8 (CTAF) ①</b>
--------------------------	--	---------------------------------



ALAMOSA, COLORADO	SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)
Amtd 1 12MAR09	37°26'N-105°52'W
	<b>RNAV (GPS) RWY 20</b>



ALAMOSA, COLORADO

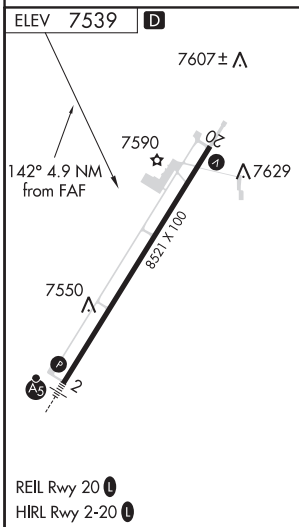
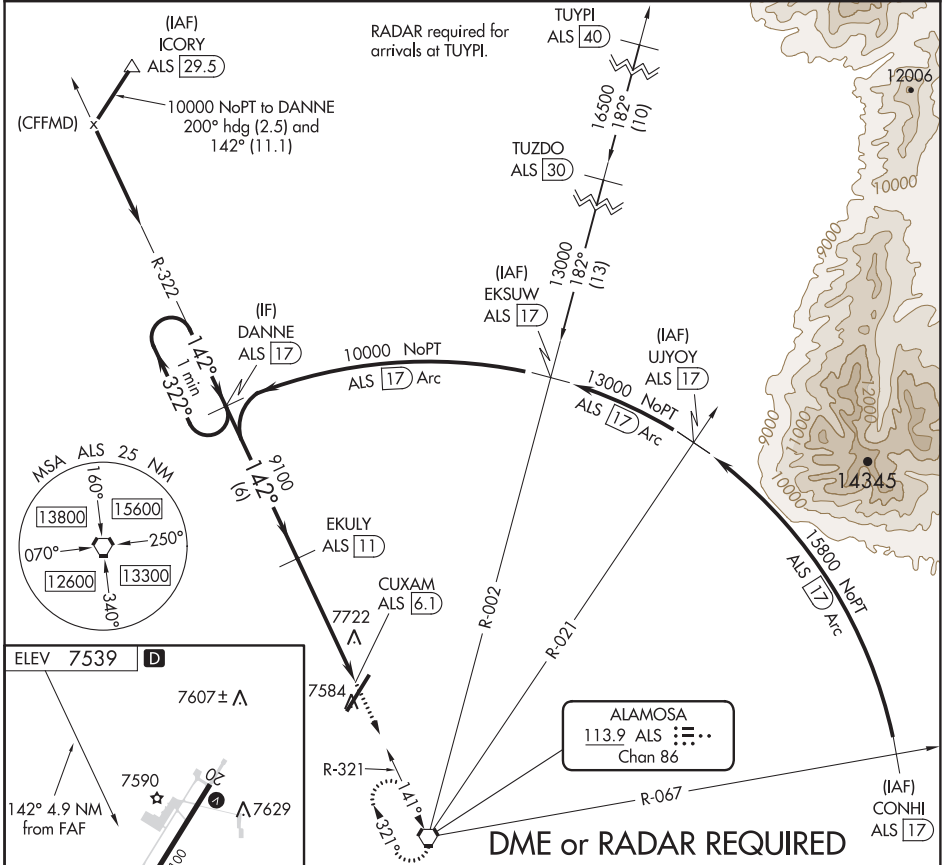
VORTAC ALS <b>113.9</b> Chan <b>86</b>	APP CRS <b>142°</b>	Rwy Idg <b>N/A</b> TDZE <b>N/A</b> Apt Elev <b>7539</b>
--	------------------------	---

VOR/DME-B  
SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)

**ANA** When local altimeter setting not received, procedure NA.

**MISSED APPROACH:** Climb to 10700 direct ALS VORTAC and hold, continue climb-in-hold to 10700.

AWOS-3 <b>135.175</b>	DENVER CENTER <b>128.375 379.95</b>	UNICOM <b>122.8 (CTAF) 1</b>
--------------------------	--	---------------------------------



One Minute Holding Pattern

DANNE ALS 17

10000 ← 322°

142° →

142°

9100

6 NM

4.9 NM

EKULY ALS 11

CUXAM ALS 6.1

10700

ALS

CATEGORY	A	B	C	D
<b>C</b> CIRCLING	8040-1	501 (600-1)	8080-1½ 541 (600-1½)	8100-2 561 (600-2)

ALAMOSA, COLORADO

Amdt 5 03APR14

SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)

37°26'N-105°52'W

VOR/DME-B

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



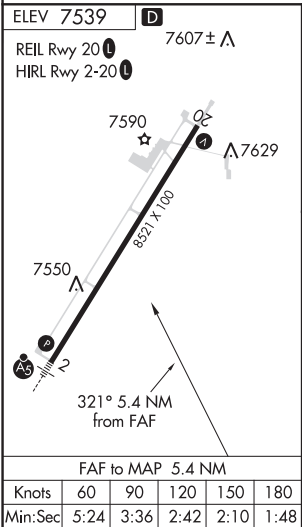
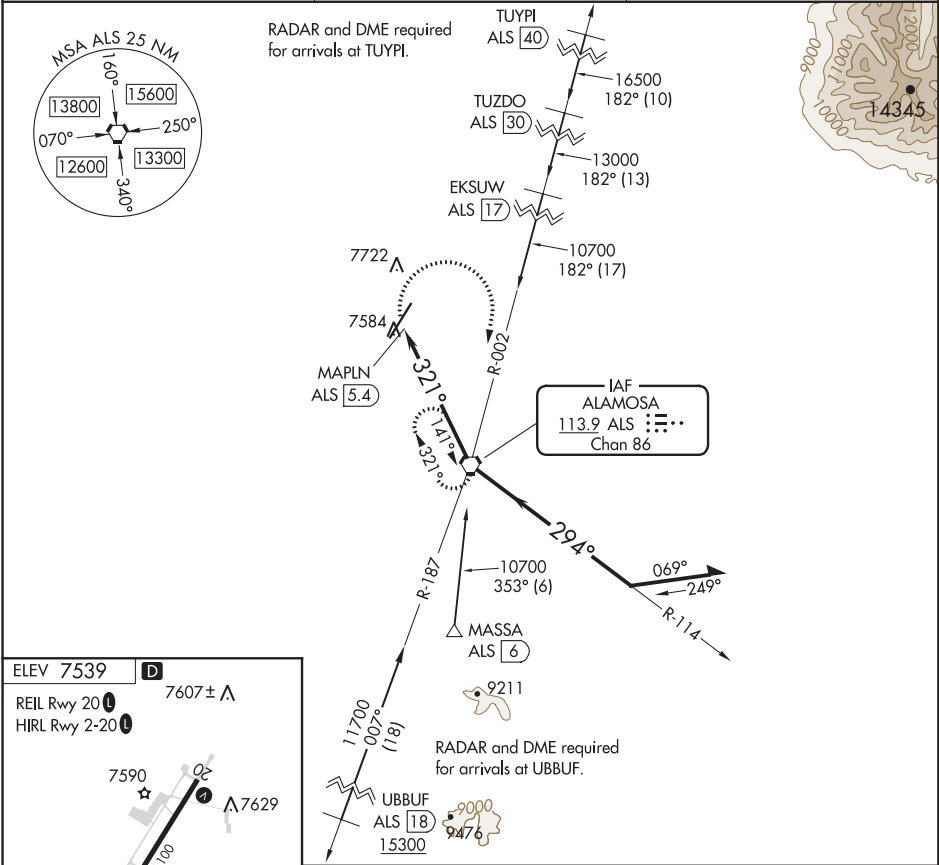
VORTAC ALS <b>113.9</b> Chan <b>86</b>	APP CRS <b>321°</b>	Rwy Idg TDZE Apt Elev <b>7539</b>	N/A N/A <b>7539</b>
--	------------------------	--	---------------------------



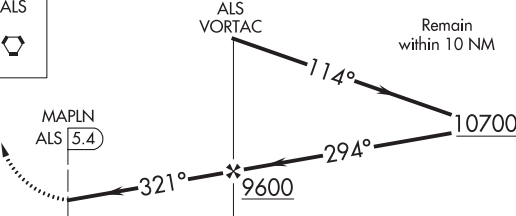

VOR-A

SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)

NA When local altimeter setting not received, procedure NA.	MISSED APPROACH: Climbing right turn to 10700 direct ALS VORTAC and hold, continue climb-in-hold to 10700.
---	--

AWOS-3 <b>135.175</b>	DENVER CENTER <b>128.375 379.95</b>	UNICOM <b>122.8 (CTAF)</b>
--------------------------	--	-------------------------------



10700	ALS	ALS VORTAC	Remain within 10 NM	
				
				
CATEGORY	A	B	C	D
 CIRCLING	8040-1	501 (600-1)	8080-1½ 541 (600-1½)	8100-2 561 (600-2)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



19171

# AIRPORT DIAGRAM

SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)  
AL-18 (FAA) ALAMOSA, COLORADO

AWOS-3  
135.175  
CTAF/UNICOM  
122.8

**D**

VAR 8.7° E  
JANUARY 2015  
ANNUAL RATE OF CHANGE  
0.1° W

TERMINAL  
FIRE STATION  
FBO

ELEV  
7539  
A1 A2  
203.1°  
B  
FIELD  
ELEV  
7540

7629

37°26.5'N

8321 X 100  
A4 A5

RWY 02-20  
PCN 44 F/C/X/T  
S-52, D-70

ELEV  
7540  
A6  
203.1°

37°25.5'N

105°52.5'W

105°51.5'W

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

# AIRPORT DIAGRAM

19171

ALAMOSA, COLORADO  
SAN LUIS VALLEY RGNL/BERGMAN FIELD (ALS)

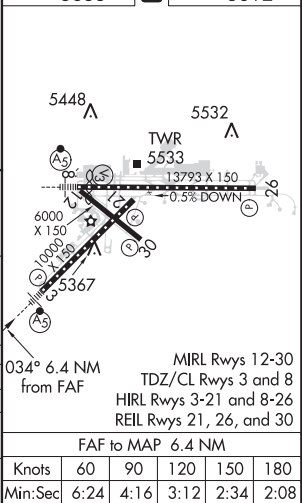


ILS or LOC RWY 3  
ALBUQUERQUE INTL SUNPORT (ABQ)

MALSR

**MISSED APPROACH:** Climb to 5900 then climbing left turn to 8000 direct ABQ VORTAC and hold.

DME or RADAR REQUIRED



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



ALBUQUERQUE, NEW MEXICO

AL-12 (FAA)

19283

LOC/DME	I-SPT	APP CRS	Rwy Idg	12793
111.9		079°	TDZE	5320
Chan 56			Apt Elev	5355

# ILS or LOC RWY 8

## ALBUQUERQUE INTL SUNPORT (ABQ)

DME required. RNAV 1 - GPS or RADAR required for procedure entry.

MALSR

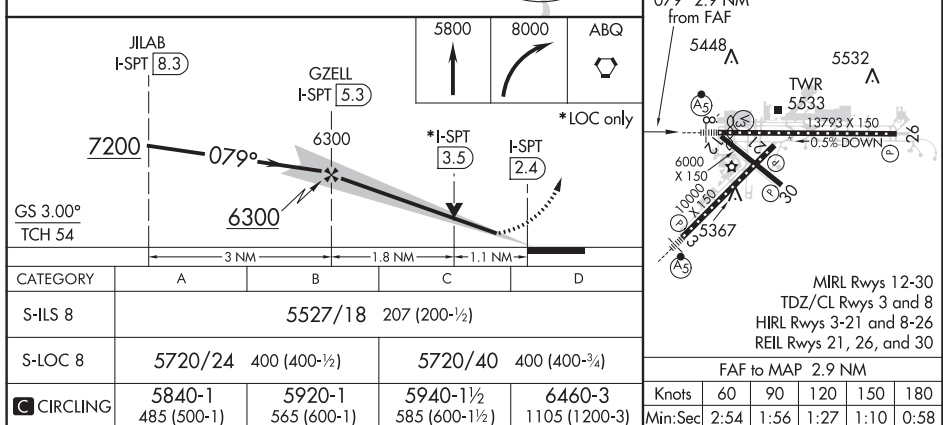
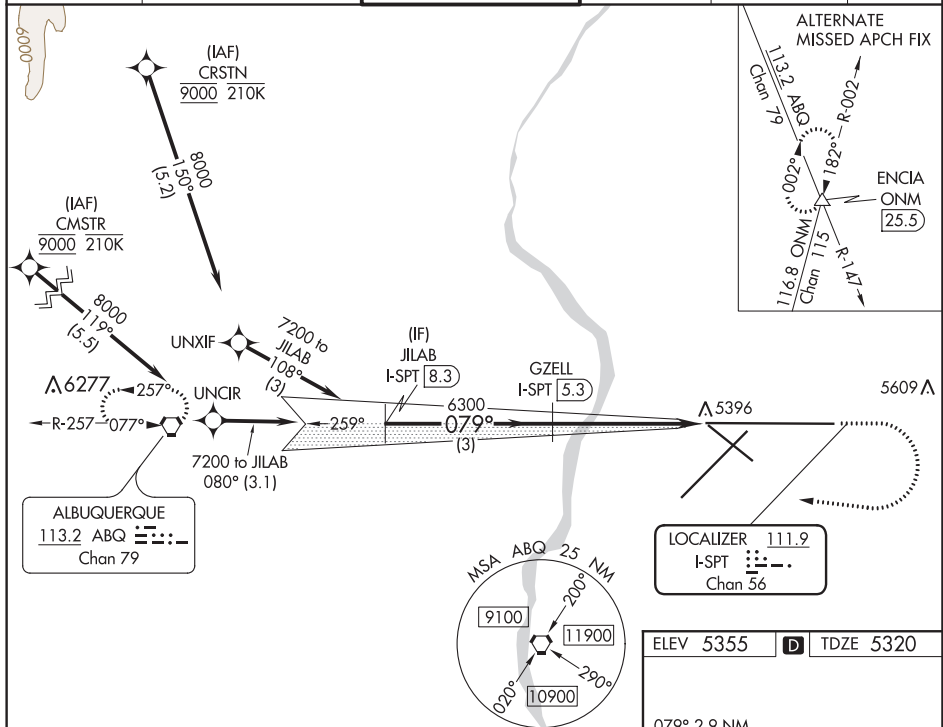
For inop ALS, increase S-LOC 8 Cat C and D visibility to RVR 6000.



MISSED APPROACH: Climb to 5800 then climbing right turn to 8000 direct ABQ VORTAC and hold.

ASR

D-ATIS	ALBUQUERQUE APP CON	ALBUQUERQUE TOWER	GND CON	CLNC DEL	CPDLC
118.0 257.7	123.9 354.1	120.3 351.9	121.9 348.6	119.2 259.3	



ALBUQUERQUE, NEW MEXICO

Amdt 6A 28FEB19

35°02'N-106°36'W

ALBUQUERQUE INTL SUNPORT (ABQ)

# ILS or LOC RWY 8

SW-1, 30 JAN 2020 to 26 MAR 2020

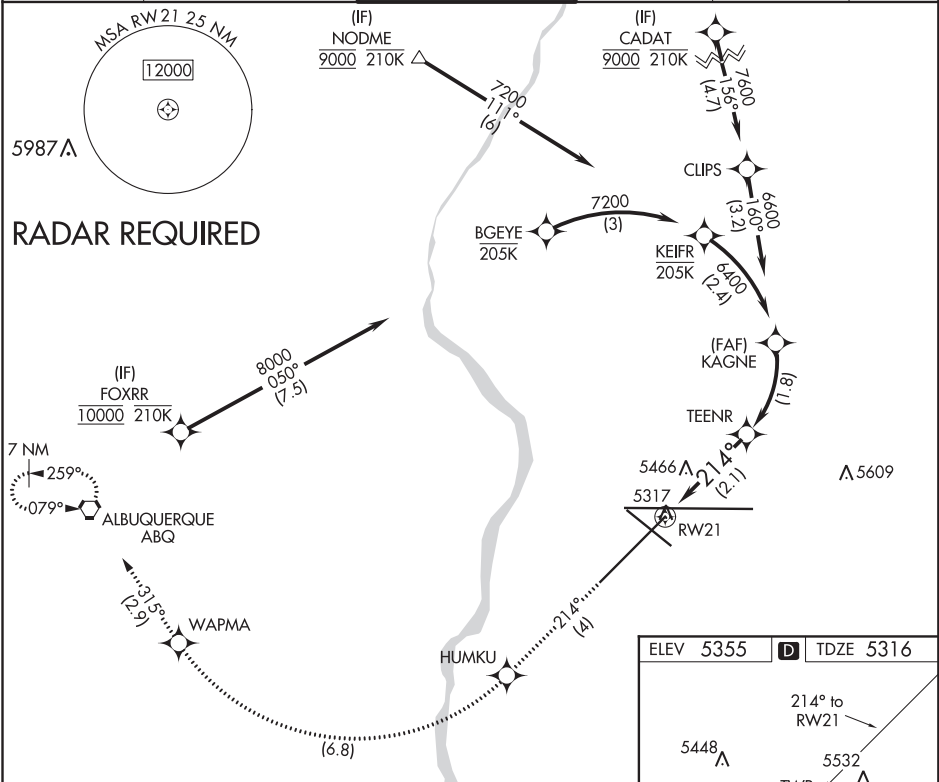





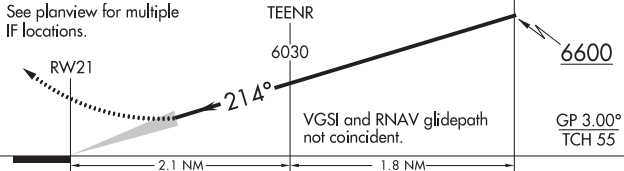
APP CRS	Rwy Idg	10000
214°	TDZE	5316
	Apt Elev	5355

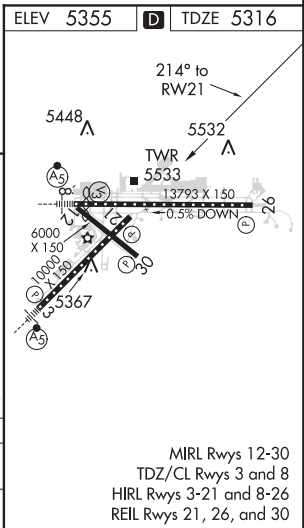
RNAV (RNP) Y RWY 21  
ALBUQUERQUE INTL SUNPORT (ABQ)

ASR	For uncompensated Baro-VNAV systems, procedure NA below -12°C (11°F) or above 47°C (116°F). RF Required. GPS Required.	MISSED APPROACH: Climb to 8000 on track 214° to HUMKU, right turn to WAPMA, then on track 315° to ABQ VORTAC and hold.
-----	--	--

D-ATIS	ALBUQUERQUE APP CON	ALBUQUERQUE TOWER	GND CON	CLNC DEL	CPDLC
118.0 257.7	123.9 354.1	120.3 351.9	121.9 348.6	119.2 259.3	



8000 ↑ tr 214°	HUMKU 	WAPMA 	tr 315° 	ABQ	KAGNE 6600
See planview for multiple IF locations.					
					
CATEGORY	A	B	C	D	
RNP 0.30 DA	5758-1½ 442 (500-1½)				
AUTHORIZATION REQUIRED					



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS	Rwy Idg	<b>13793</b>
<b>259°</b>	TDZE	<b>5355</b>
	Apt Elev	<b>5355</b>

RNAV (RNP) Y RWY 26  
ALBUQUERQUE INTL SUNPORT (ABQ)

**T** For uncompensated Baro-VNAV systems, procedure NA  
ASR below -12°C or above 48°C.

**MISSED APPROACH:** Climb to 8000 on track 259° to YANNU and on track 258° to ABQ VORTAC and hold.

D-ATIS  
118.0 257.7

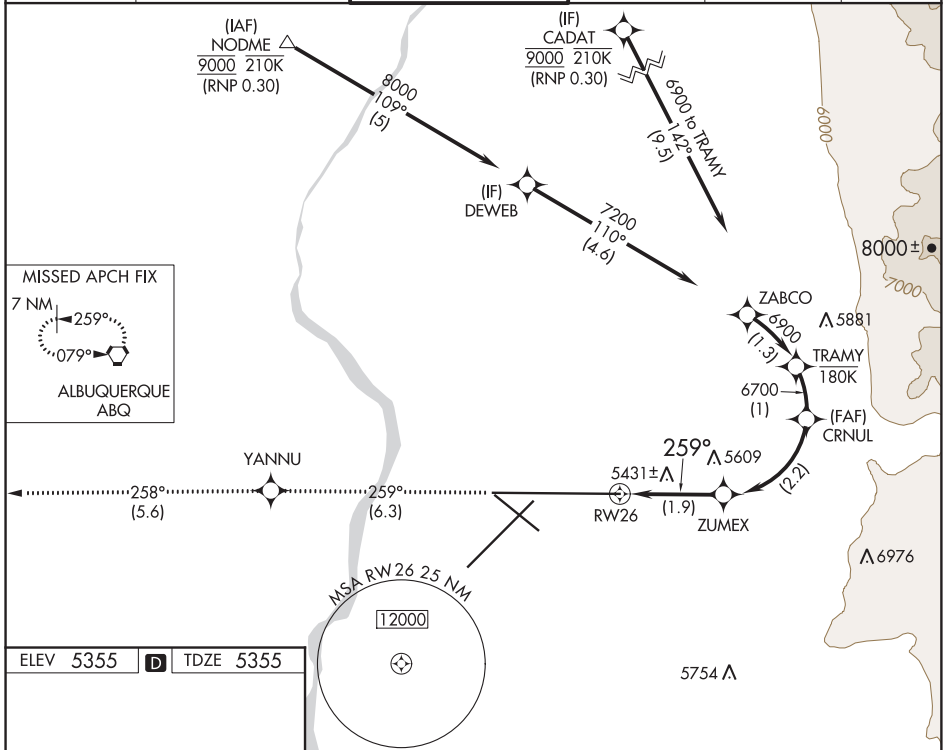
ALBUQUERQUE APP CON  
123.9 354.1

ALBUQUERQUE TOWER  
120.3 351.9

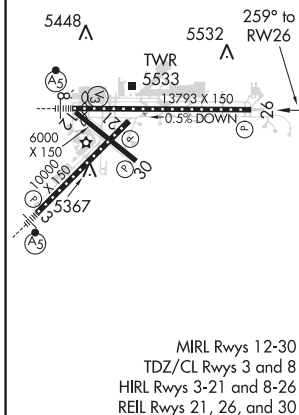
GND CON  
**121.9 348.6**

CLNC DEL  
**119.2 259.3**

CPDLC



ELEV 5355	<b>D</b>	TDZE 5355
-----------	----------	-----------



<p>8000 ↑ tr 259°</p> <p>YANNU</p> <p>tr 258°</p> <p>ABQ</p> <p>VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 83).</p> <p>CRNUL</p> <p>6700</p> <p>6700</p> <p>GP 3.00° TCH 50</p> <p>See planview for multiple IF locations.</p> <p>ZUMEX</p> <p>5997</p> <p>259°</p> <p>1.9 NM</p> <p>2.2 NM</p>				
CATEGORY	A	B	C	D
RNP 0.15 DA	5728-1¼ 373 (400-1¼)			

**AUTHORIZATION REQUIRED**

35°02'N-106°36'W

ALBUQUERQUE INTL SUNPORT (ABQ)  
RNAV (RNP) Y RWY 26



RNAV (RNP) Z RWY 3  
ALBUQUERQUE INTL SUNPORT (ABQ)

**MISSED APPROACH:** Climb to 6200 then climbing left turn to 8000 direct ABQ VORTAC and hold.

**RADAR REQUIRED**

Limit missed approach to 215K.

**Albuquerque Area:**

- (IAF) CRSTN 9000 210K (RF REQD)
- (IF) ALBUQUERQUE ABQ
- (FAF) GERNL
- (IF) TINTOE 10000 210K (RNP 0.80) (RF REQD)
- (IF) PLNET
- (IF) CEMAC
- (IAF) COMRO 10000 210K (RNP 0.80) (RF REQD)
- (IF) MRMK
- (IF) BIENN
- (IAF) BIBQU 8000 210K
- (IAF) CMSTR 9000 210K (RF REQD)

**Altitudes and Distances:**

- 6277 A
- 7 NM
- 8000 (4.2)
- 6500 (4.9)
- 6500 (3)
- 6500 (1.3)
- 6900 (7.3)
- 6900 (4)
- 7200 (5.7)
- 7500 360° (8.1)
- 8000

**MSA RW03 25 NM**

**ELEV 5355 D TDZE 5312**

**TWR 5533**

**MIRL Rwy 12-30**

**TDZ/CL Rwy 3 and 8**

**HIRL Rwy 3-21 and 8-26**

**REIL Rwy 21, 26, and 30**

**GP 3.00° TCH 60**

**CATEGORY A B C D**

**RNP 0.30 DA 5571/24 259 (300-½)**

**AUTHORIZATION REQUIRED**

ALBUQUERQUE INTL SUNPORT (ABQ)  
RNAV (RNP) Z RWY 3



ALBUQUERQUE, NEW MEXICO

AL-12 (FAA)

19283

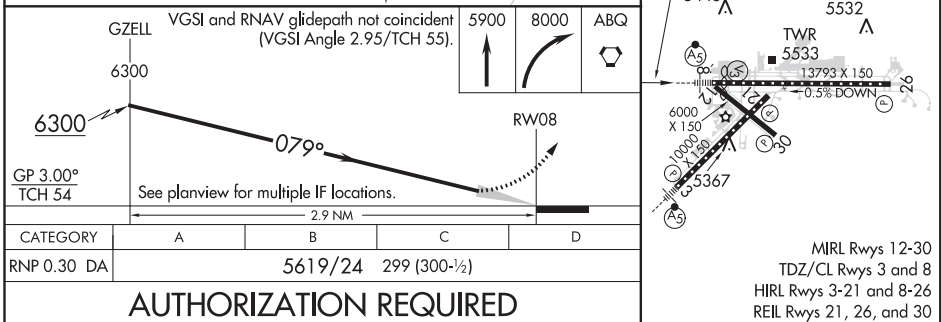
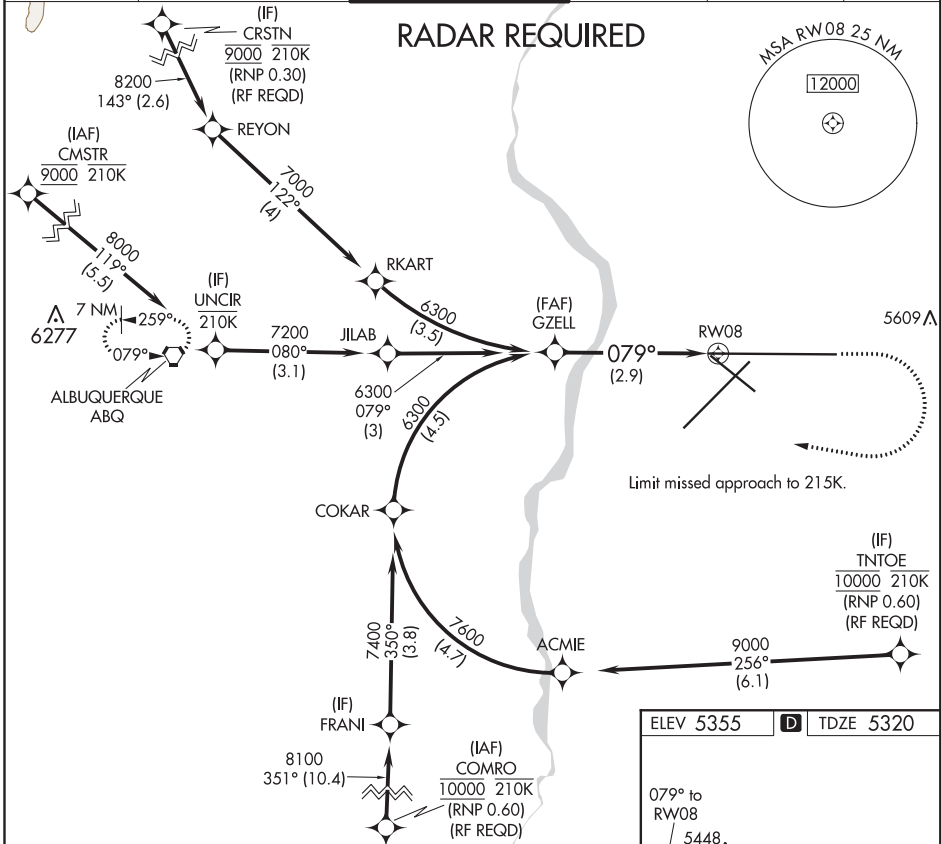
APP CRS <b>079°</b>	Rwy Idg <b>12793</b> TDZE <b>5320</b> Apt Elev <b>5355</b>
------------------------	--

# RNAV (RNP) Z RWY 8

## ALBUQUERQUE INTL SUNPORT (ABQ)

<b>ASR</b> For uncompensated Baro-VNAV systems, procedure NA below -12°C (11°F) or above 47°C (117°F). For inop MALSR, increase RNP 0.30 all Cnts visibility to RVR 4700. GPS required.	<b>MALSR</b> 	<b>MISSED APPROACH:</b> Climb to 5900 then climbing right turn to 8000 direct ABQ VORTAC and hold.
--	------------------	--

D-ATIS <b>118.0 257.7</b>	ALBUQUERQUE APP CON <b>123.9 354.1</b>	ALBUQUERQUE TOWER <b>120.3 351.9</b>	GND CON <b>121.9 348.6</b>	CLNC DEL <b>119.2 259.3</b>	CPDLC
------------------------------	---	---	-------------------------------	--------------------------------	-------



ALBUQUERQUE, NEW MEXICO

Amdt 1A 10DEC15

35°02'N-106°36'W

ALBUQUERQUE INTL SUNPORT (ABQ)

RNAV (RNP) Z RWY 8

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (RNP) Z RWY 21  
ALBUQUERQUE INTL SUNPORT (ABQ)

**MISSED APPROACH:** Climb to 8000 on track 214° to HUMKU, right turn to WAPMA, then on track 315° to ABQ VORTAC and hold.

MSA RW 21 25 NM

12000

5468 214° (2.1)

5317 214° (4)

RW21

HUMKU (6.8)

TEENR (1.8)

(FAF) COSKI 6600 (2.1)

Δ 5609

WIMM 7200 (2.9)

Δ 6976

7610

KARRI 180K

8000 (1.6)

MANZY 180K

5754 8000 (3.2)

(IF) WILKE 9000 210K (RNP 0.30)

Δ 6013

8500 (4.6)

ALVRZ 9600 255° (3.9)

(IF) TACOH 10000 210K (RNP 0.30)

7988

RADAR REQUIRED

7 NM MISSED APCH FIX

259°

079°

ALBUQUERQUE ABQ

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1. 30 JAN 2020 to 26 MAR 2020

ELEV 5355

D

TDZE 5316

214° to RW21

5548

5532

TWR 5533

13793 X 150

0.5% DOWN

6000 X 150

10000 X 150

55367

MIRL Rwy 12-30

TDZ/CL Rwy 3 and 8

HIRL Rwy 3-21 and 8-26

REIL Rwy 21, 26, and 30



ALBUQUERQUE, NEW MEXICO

AL-12 (FAA)

19283

APP CRS **259°**  
 Rwy Idg **13793**  
 TDZE **5355**  
 Apt Elev **5355**

# RNAV (RNP) Z RWY 26

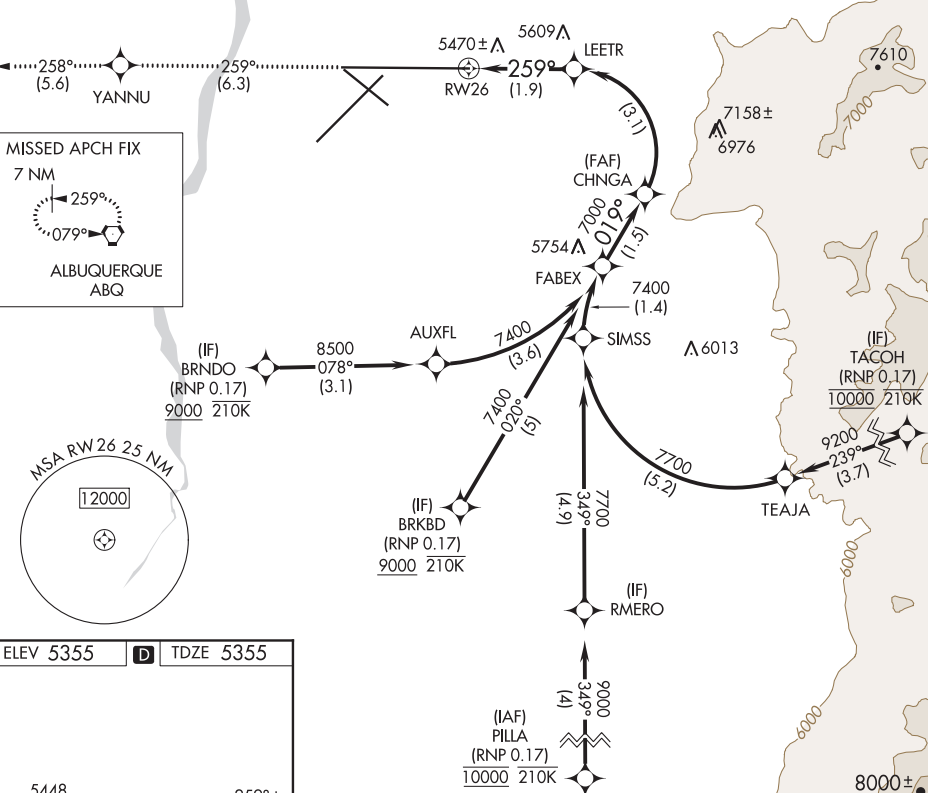
ALBUQUERQUE INTL SUNPORT (ABQ)

RNP AR APCH, RF required.

For uncompensated Baro-VNAV systems, procedure NA  
 ASR below -13°C or above 48°C.

MISSED APPROACH: Climb to 8000 on track 259° to YANNU  
 and on track 258° to ABQ VORTAC and hold.

D-ATIS	ALBUQUERQUE APP CON	ALBUQUERQUE TOWER	GND CON	CLNC DEL	CPDLC
<b>118.0 257.7</b>	<b>123.9 354.1</b>	<b>120.3 351.9</b>	<b>121.9 348.6</b>	<b>119.2 259.3</b>	



--

ALBUQUERQUE, NEW MEXICO

Amdt 2A 16AUG18

35°02'N-106°36'W

ALBUQUERQUE INTL SUNPORT (ABQ)  
 RNAV (RNP) Z RWY 26

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>78137</b> <b>W03A</b>	APP CRS <b>034°</b>	Rwy Idg TDZE <b>5312</b> Apt Elev <b>5355</b>
--	------------------------	---

**RNAV (GPS) Y RWY 3**  
ALBUQUERQUE INTL SUNPORT (ABQ)

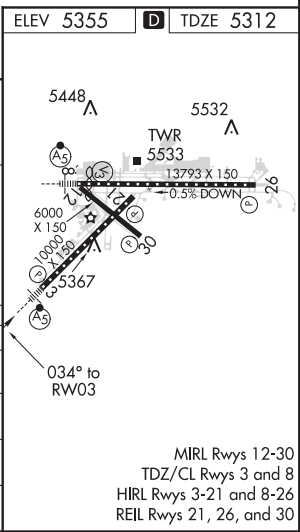
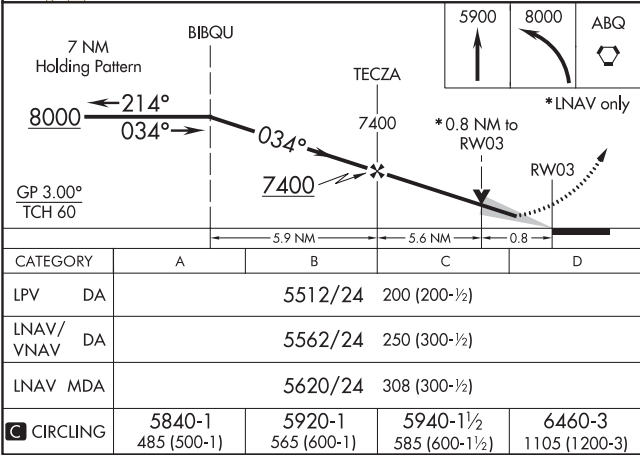
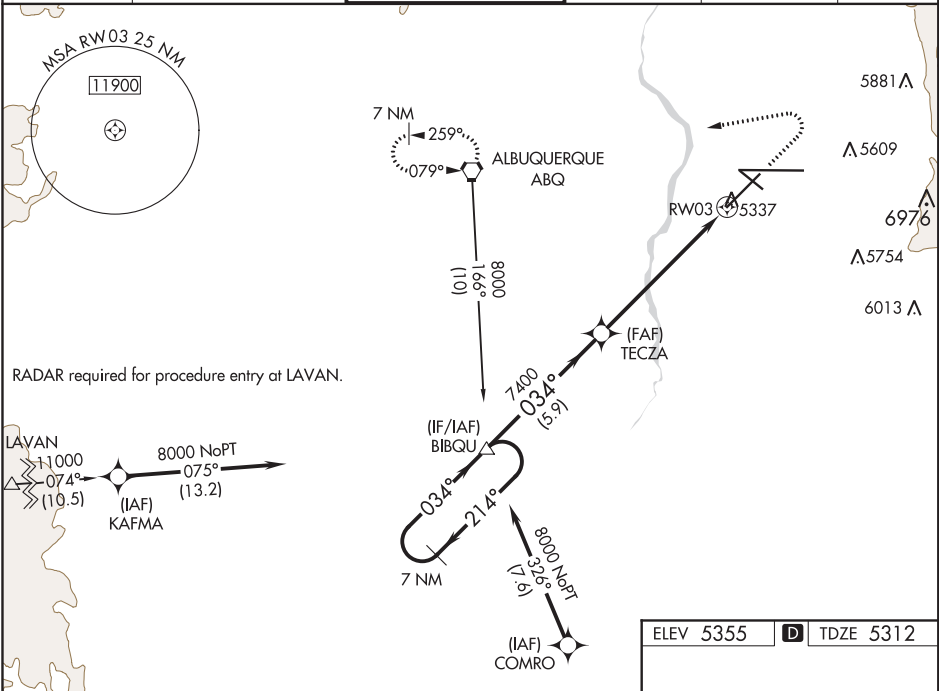
**ASR**

DME/DME RNP-0.3 NA.  
For uncompensated Baro-VNAV systems,  
LNAV/VNAV NA below -13°C (9°F) or above 45°C (114°F).

**MALSR**

**MISSED APPROACH:** Climb to 5900 then climbing left turn to 8000 direct ABQ VORTAC and hold, continue climb-in-hold to 8000.

D-ATIS <b>118.0 257.7</b>	ALBUQUERQUE APP CON <b>123.9 354.1</b>	ALBUQUERQUE TOWER <b>120.3 351.9</b>	GND CON <b>121.9 348.6</b>	CLNC DEL <b>119.2 259.3</b>	CPDLC
------------------------------	---	---	-------------------------------	--------------------------------	-------

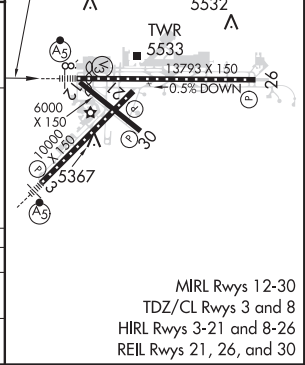
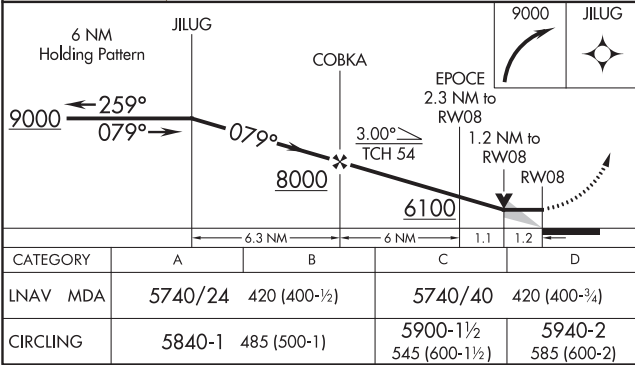
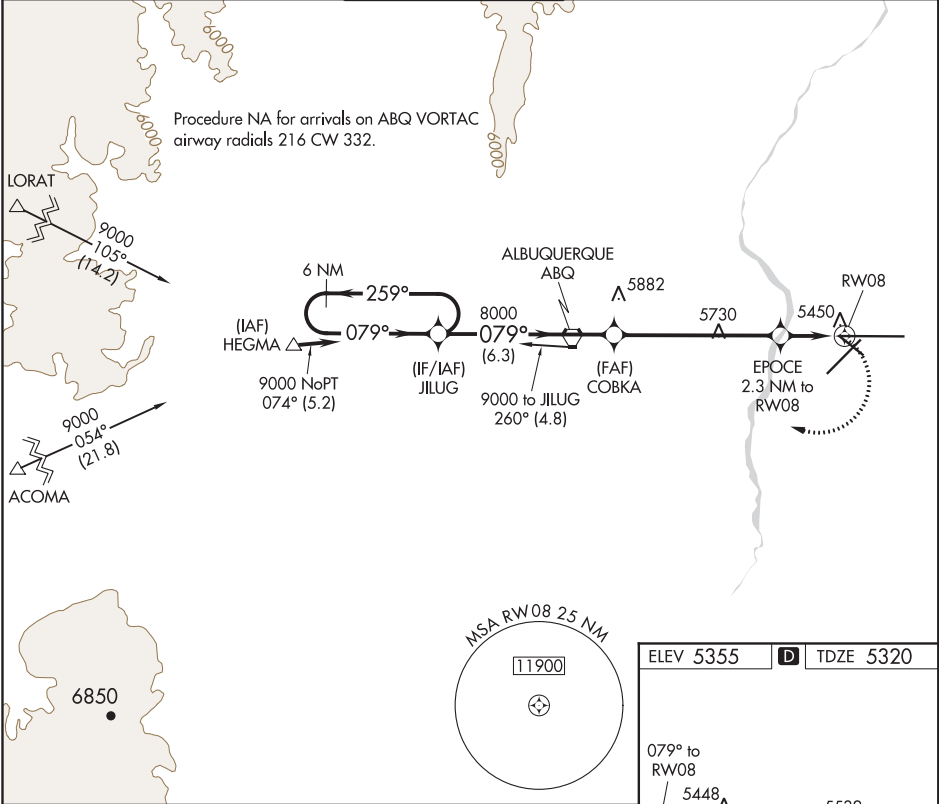




APP CRS	Rwy Idg	12793
079°	TDZE	5320
	Apt Elev	5355

**RNAV (GPS) Y RWY 8**  
ALBUQUERQUE INTL SUNPORT (ABQ)

ASR	DME/DME RNP-0.3 NA.		MALSR	MISSED APPROACH: Climbing right turn to 9000 direct JILUG and hold.	
D-ATIS	ALBUQUERQUE APP CON	ALBUQUERQUE TOWER	GND CON	CLNC DEL	CPDLC
118.0 257.7	123.9 354.1	120.3 351.9	121.9 348.6	119.2 259.3	





VORTAC ABQ	APP CRS	Rwy Idg
<b>113.2</b>	<b>077°</b>	<b>12793</b>
Chan 79		TDZE <b>5320</b>
		Apt Elev <b>5355</b>

VOR RWY 8

ALBUQUERQUE INTL SUNPORT (ABQ)

⚠

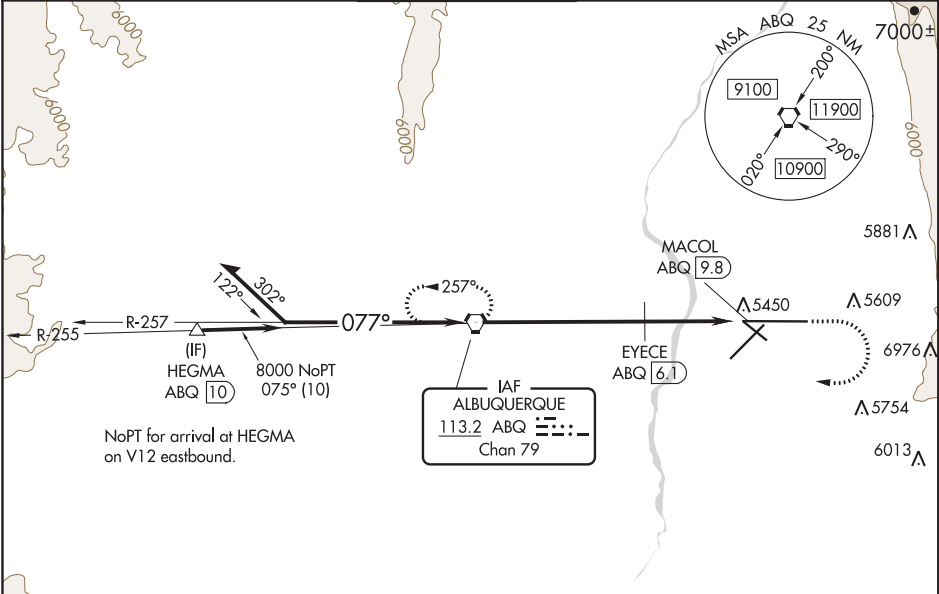
ASR

EYECE FIX MINIMUMS: For inop ALS, increase S-8 Cat C/D/E visibility to RVR 5500.  
For inop ALS, increase S-8 Cat E visibility to 3 SM.  
Circling Cat E NA southeast of Rwy 3-21 and northeast of Rwy 12-30.

MALSR

MISSED APPROACH: Climb to 5800 then climbing right turn to 8000 direct ABQ VORTAC and hold.

D-ATIS	ALBUQUERQUE APP CON	ALBUQUERQUE TOWER	GND CON	CLNC DEL	CPDLC
<b>118.0 257.7</b>	<b>123.9 354.1</b>	<b>120.3 351.9</b>	<b>121.9 348.6</b>	<b>119.2 259.3</b>	



ELEV 5355

**D**

TDZE 5320

Remain within 15 NM

ABQ VORTAC

8200

257°

077°

8000

6380

6.1 NM

2.6 NM

1.1 NM

5800

8000

ABQ

EYECE ABQ (6.1)

ABQ (8.7)

MACOL ABQ (9.8)

CATEGORY	A	B	C	D	E
S-8	6380/40 1060 (1100-¾)	6380/55 1060 (1100-1)	6380-2½	1060 (1100-2½)	
CIRCLING	6380-1¼ 1025 (1100-¼)	6380-1½ 1025 (1100-½)	6380-3 1025 (1100-3)	6460-3 1105 (1200-3)	7460-3 2105 (2200-3)
EYECE FIX MINIMUMS					
S-8	5700/24	380 (400-½)	5700/40	380 (400-¾)	
CIRCLING	5840-1 485 (500-1)	5920-1 565 (600-1)	5940-1½ 585 (600-½)	6460-3 1105 (1200-3)	7460-3 2105 (2200-3)

MIRL Rwy 12-30

TDZ/CL Rwy 3 and 8

HIRL Rwy 3-21 and 8-26

REIL Rwy 21, 26, and 30

F

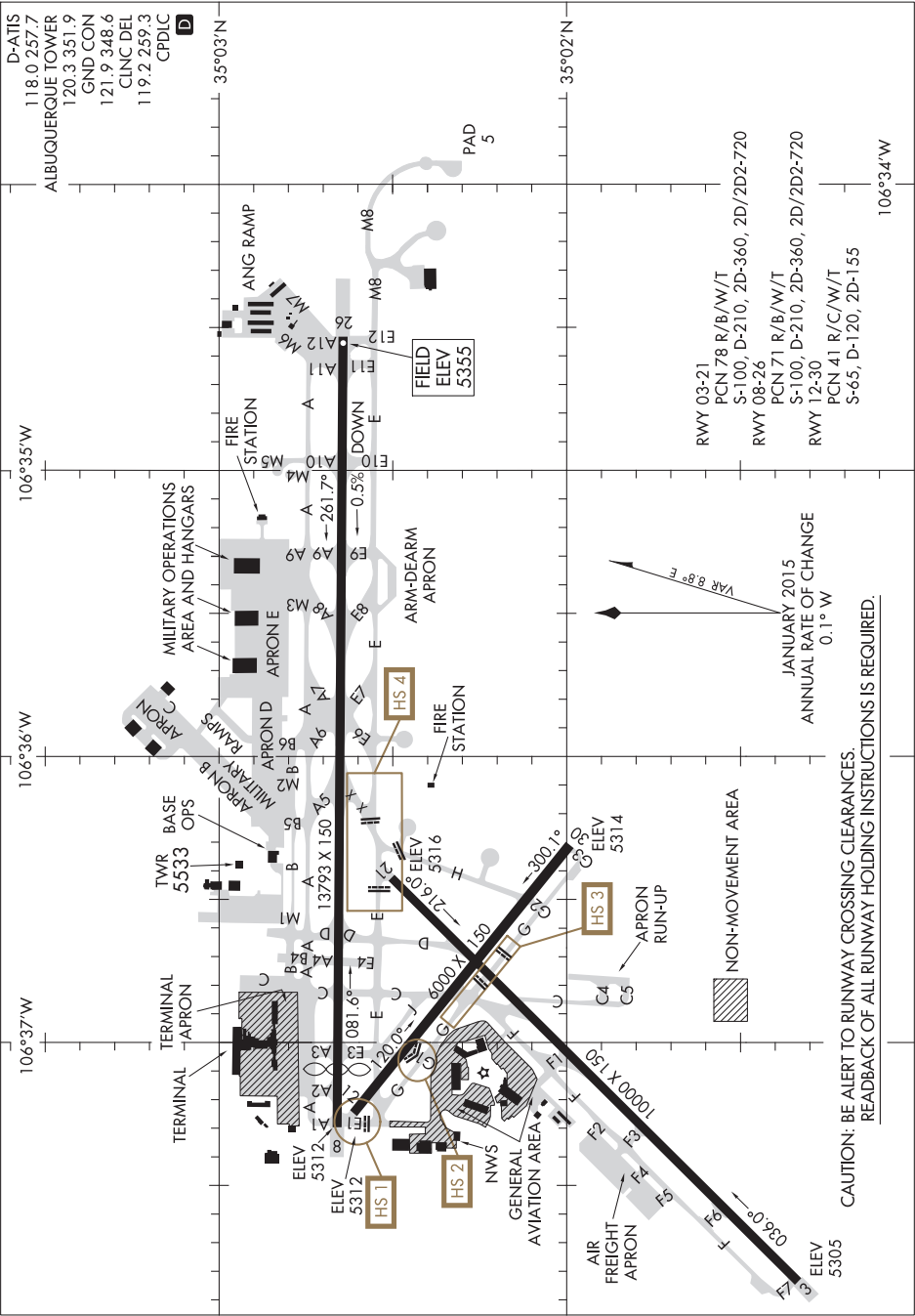
FAF to MAP 9.8 NM

Knots	60	90	120	150	180
Min:Sec	9:48	6:32	4:54	3:55	3:16



AIRPORT DIAGRAM

ALBUQUERQUE INTL SUNPORT (ABQ)  
ALBUQUERQUE, NEW MEXICO



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



D-ATIS  
118.0 257.7  
CLNC DEL  
119.2 259.3  
CPDIC  
GND CON  
121.9 348.6  
ALBUQUERQUE TOWER  
120.3 351.9  
ALBUQUERQUE DEP CON  
127.4 253.5



DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAY 21:** Climb heading 214° to 5860, then direct ASTAH, cross ASTAH at or below 9000, then on depicted route to ADYOS. Thence. . . .

**TAKEOFF RUNWAY 26:** Climb heading 259° to 5860, then direct ABQ VORTAC, then on track 262° to ADYOS. Thence. . . .

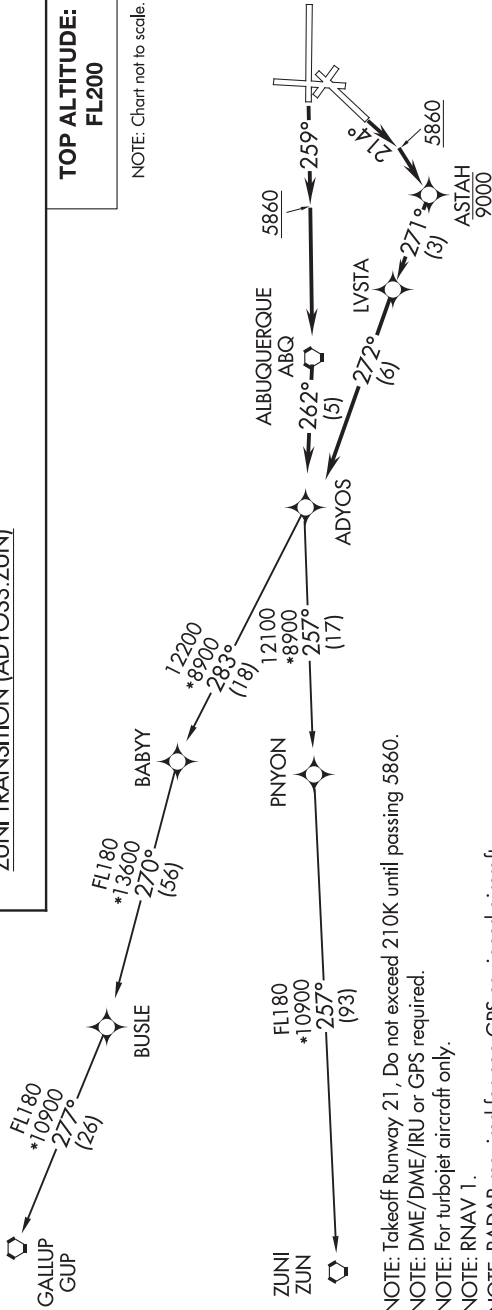
. . . .(transition). Maintain FL200, expect filed altitude ten minutes after departure.

GALLUP TRANSITION (ADYOS3.GUP)

ZUNI TRANSITION (ADYOS3.ZUN)

**TOP ALTITUDE:  
FL200**

NOTE: Chart not to scale.



**TAKEOFF MINIMUMS**  
Rwy 21/26: Standard with minimum climb of 500' per NM to 5860.

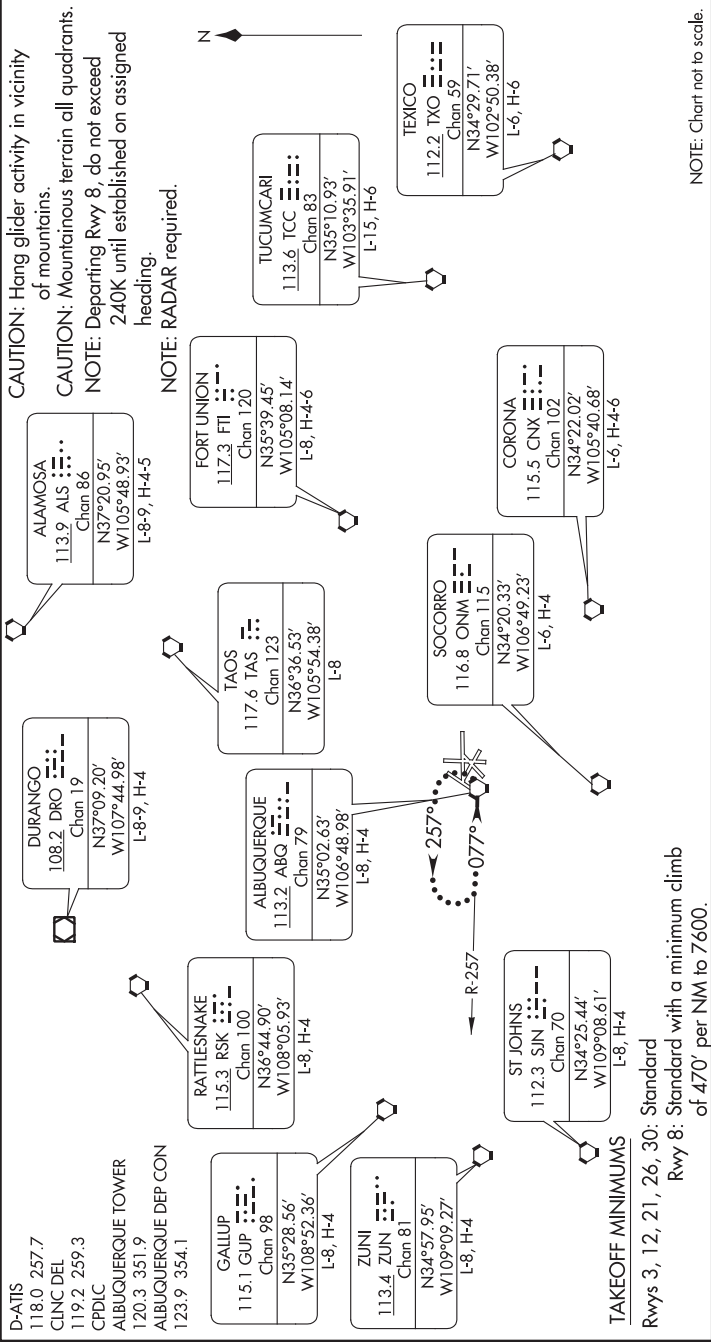
NOTE: Takeoff Runway 21, Do not exceed 210K until passing 5860.  
NOTE: DME/DME/IRU or GPS required.  
NOTE: For turbojet aircraft only.  
NOTE: RNAV 1.  
NOTE: RADAR required for non-GPS equipped aircraft.  
NOTE: If unable to accept climb gradient, advise ATC on initial contact.  
NOTE: For non-GPS equipped aircraft on: GUP Transition: ABQ and ONM DME's must be operational.  
NOTE: For non-GPS equipped aircraft on: ZUN Transition: ABQ and ONM DME's must be operational.

ADYOS THREE DEPARTURE (RNAV)  
(ADYOS3.ADYOS) 25JUN15

ALBUQUERQUE, NEW MEXICO  
ALBUQUERQUE INTL SUNPORT (ABQ)



ALBUQUERQUE THREE DEPARTURE



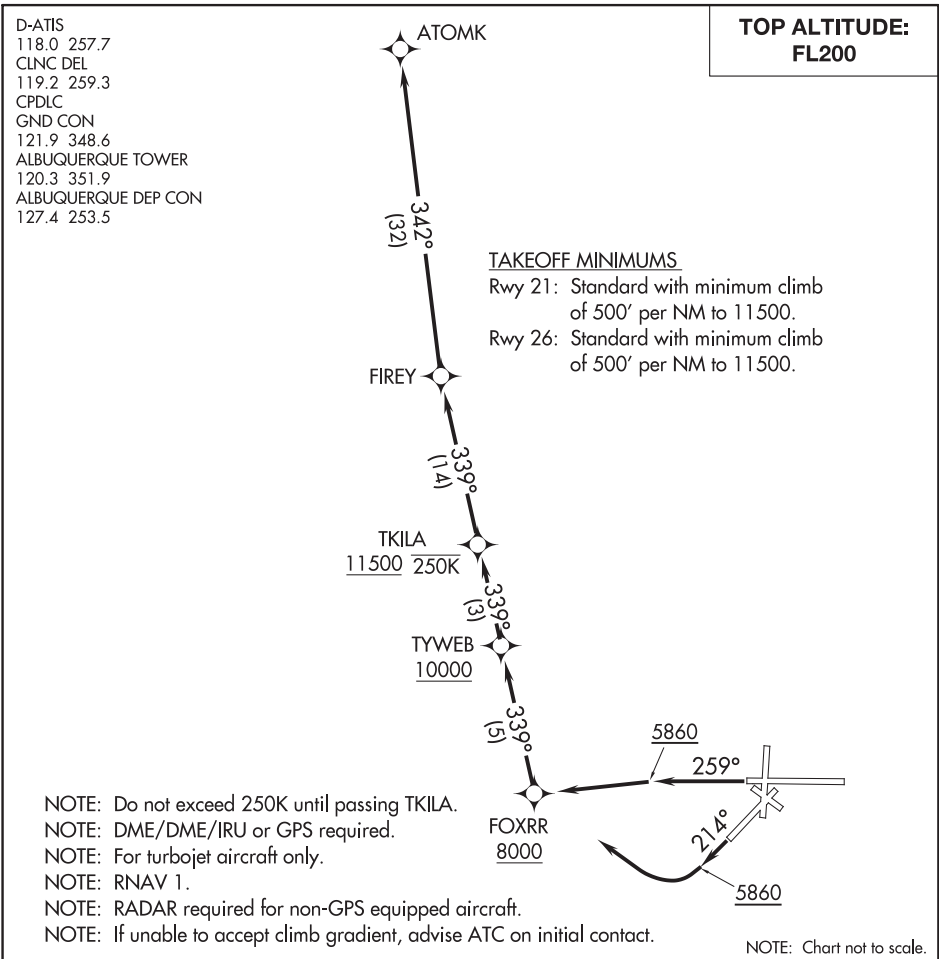
DEPARTURE ROUTE DESCRIPTION

All aircraft climb on assigned heading for RADAR vectors to filed/assigned route. Expect clearance to filed altitude/flight level 5 minutes after departure.

**LOST COMMUNICATIONS:** If no transmissions are received for 1 minute after departure and a climb to 14000 feet or higher has not been issued, proceed direct ABQ VORTAC, climb in holding pattern to 14000, then proceed via assigned fix/route. If cleared above 14000 feet, climb on assigned heading to 14000 feet, then proceed via assigned route.

ALBUQUERQUE THREE DEPARTURE





T

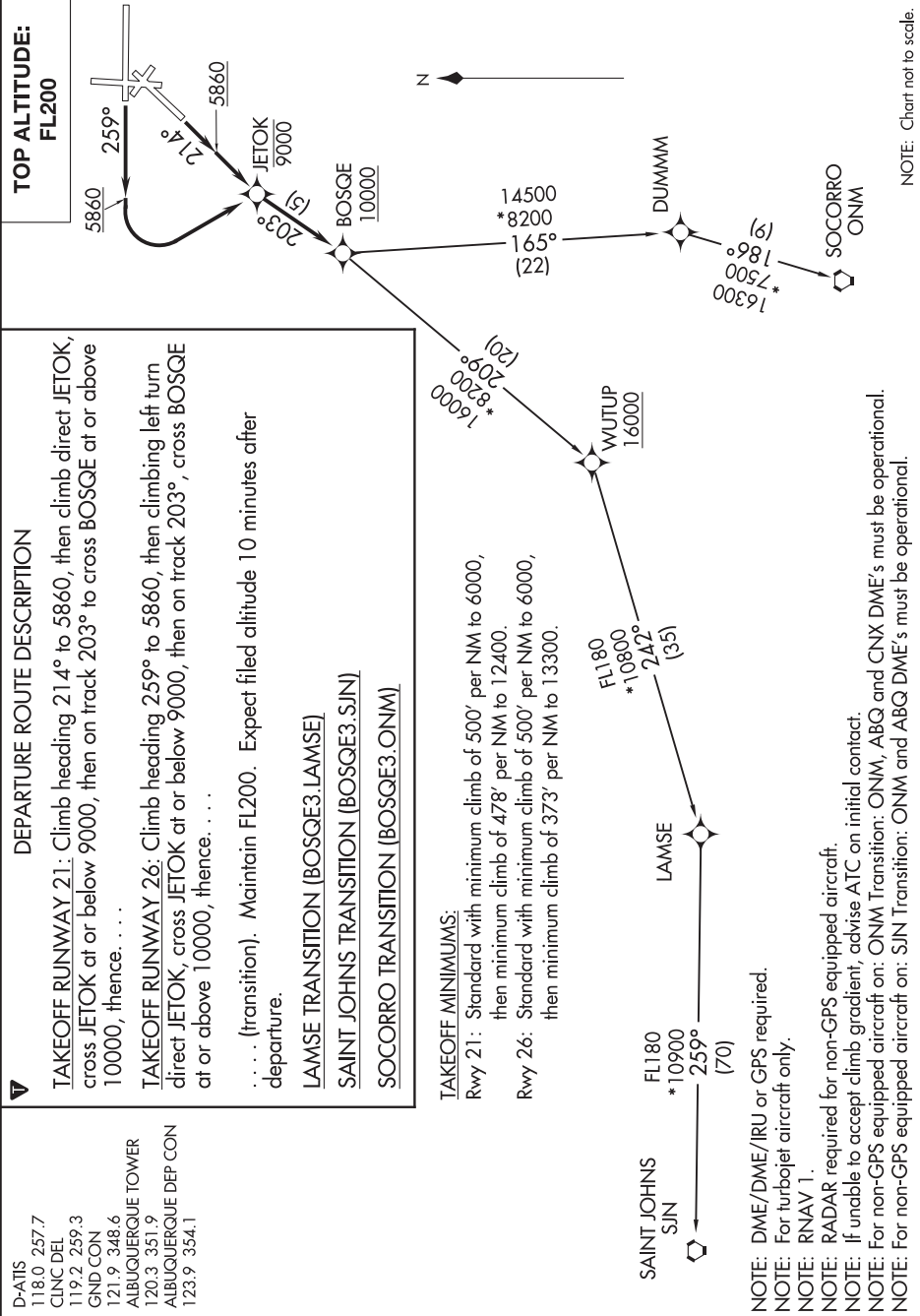
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 21: Climb heading 214° to 5860, then right turn direct FOXRR, cross FOXRR at or above 8000, then on track 339° to TYWEB, cross TYWEB at or above 10000, then on track 339° to TKILA, cross TKILA at or above 11500, then on depicted route to ATOMK, thence. . . .

TAKEOFF RUNWAY 26: Climb heading 259° to 5860, then direct FOXRR, cross FOXRR at or above 8000, then on track 339° to TYWEB, cross TYWEB at or above 10000, then on track 339° to TKILA, cross TKILA at or above 11500, then on depicted route to ATOMK, thence . . . .

. . . . Maintain FL200. Expect filed altitude 10 minutes after departure.





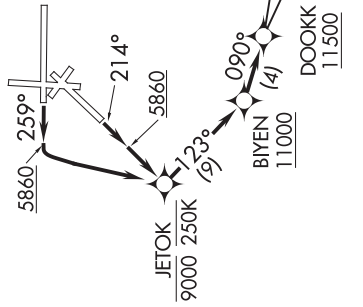


TOP ALTITUDE:  
FL200

D-ATIS  
118.0 257.7  
CLNC DEL  
119.2 259.3  
CPDLC  
GND CON  
121.9 348.6  
ALBUQUERQUE TOWER  
120.3 351.9  
ALBUQUERQUE DEP CON  
123.9 354.1

TAKEOFF MINIMUMS:

Rwy 21 and 26: Standard with minimum climb of 500' per NM to 9000. Minimum climb gradient after JETOK is 265' per NM to 11900.



DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAY 21:** Climb heading 214° to 5860, then direct JETOK, cross JETOK at or below 9000, then on track 123° to BIYEN, cross BIYEN at or above 11000, then on track 090° to DOOKK, cross DOOKK at or above 11500. Thence. . .

**TAKEOFF RUNWAY 26:** Climb heading 259° to 5860, then left turn direct JETOK, cross JETOK at or below 9000, then on track 123° to BIYEN, cross BIYEN at or above 11000, then on track 090° to DOOKK, cross DOOKK at or above 11500. Thence. . .

. . . . (transition). Maintain FL200, expect filed altitude ten minutes after departure.

- CHISUM TRANSITION (DOOKK3.CME)
- MOLVE TRANSITION (DOOKK3.MOLVE)
- TEXICO TRANSITION (DOOKK3.TXO)

NOTE: For non-GPS equipped aircraft on:  
CME Transition: ONM DME must be operational.  
TXO Transition: ABQ and ONM DME's must be operational.  
MOLVE Transition: ABQ and ONM DME's must be operational.  
NOTE: Do not exceed 250K until passing JETOK.  
NOTE: DME/DME/IRU or GPS required.  
NOTE: For turboprop aircraft only.  
NOTE: RNAV 1.  
NOTE: RADAR required for non-GPS equipped aircraft.  
NOTE: If unable to accept climb gradient, advise ATC on initial contact.

NOTE: Chart not to scale.

DOOKK THREE DEPARTURE (RNAV)  
(DOOKK3.DOOKK) 25JUN15

ALBUQUERQUE INTL SUNPORT (ABQ)  
ALBUQUERQUE, NEW MEXICO

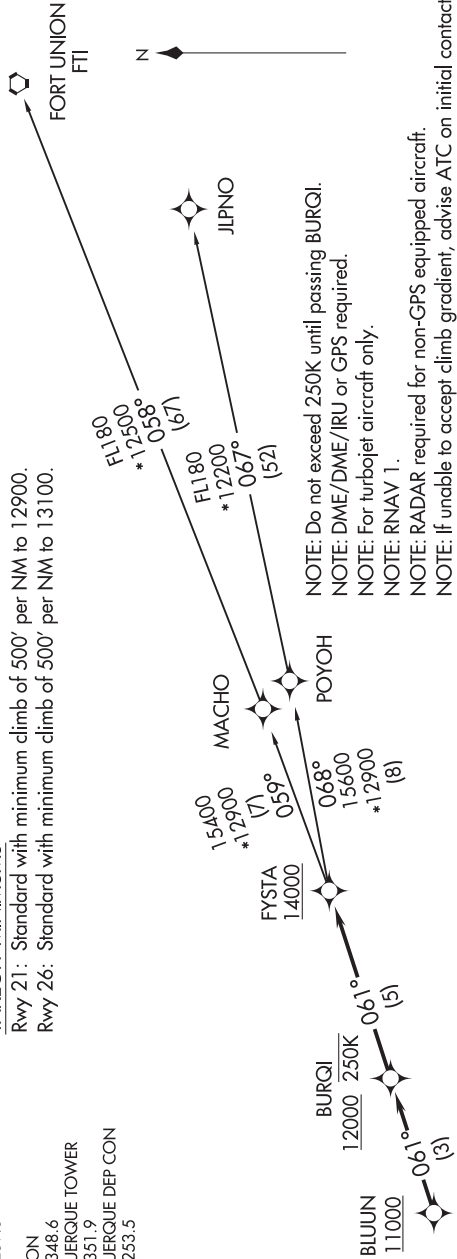


D-ATIS  
118.0 257.7  
CLNC DEL  
119.2 259.3  
CPDLC  
GND CON  
121.9 348.6  
ALBUQUERQUE TOWER  
120.3 351.9  
ALBUQUERQUE DEP CON  
127.4 253.5

TAKEOFF MINIMUMS

Rwy 21: Standard with minimum climb of 500' per NM to 12900.  
Rwy 26: Standard with minimum climb of 500' per NM to 13100.

TOP ALTITUDE:  
FL200



DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAY 21:** Climb heading 214° to 6200, then right turn direct BLUUN, cross BLUUN at or above 11000, then on track 061° to BURQI, cross BURQI at or above 12000, then on track 061° to FYSTA, cross FYSTA at or above 14000, thence. . . .

**TAKEOFF RUNWAY 26:** Climb heading 259° to 7500, then right turn direct BLUUN, cross BLUUN at or above 11000, then on track 061° to BURQI, cross BURQI at or above 12000, then on track 061° to FYSTA, cross FYSTA at or above 14000, thence. . . .

. . . . (transition). Maintain FL200, expect filed altitude ten minutes after departure.

FORT UNION TRANSITION (FYSTA3.FTI)  
JLPNO TRANSITION (FYSTA3.JLPNO)

NOTE: Chart not to scale.

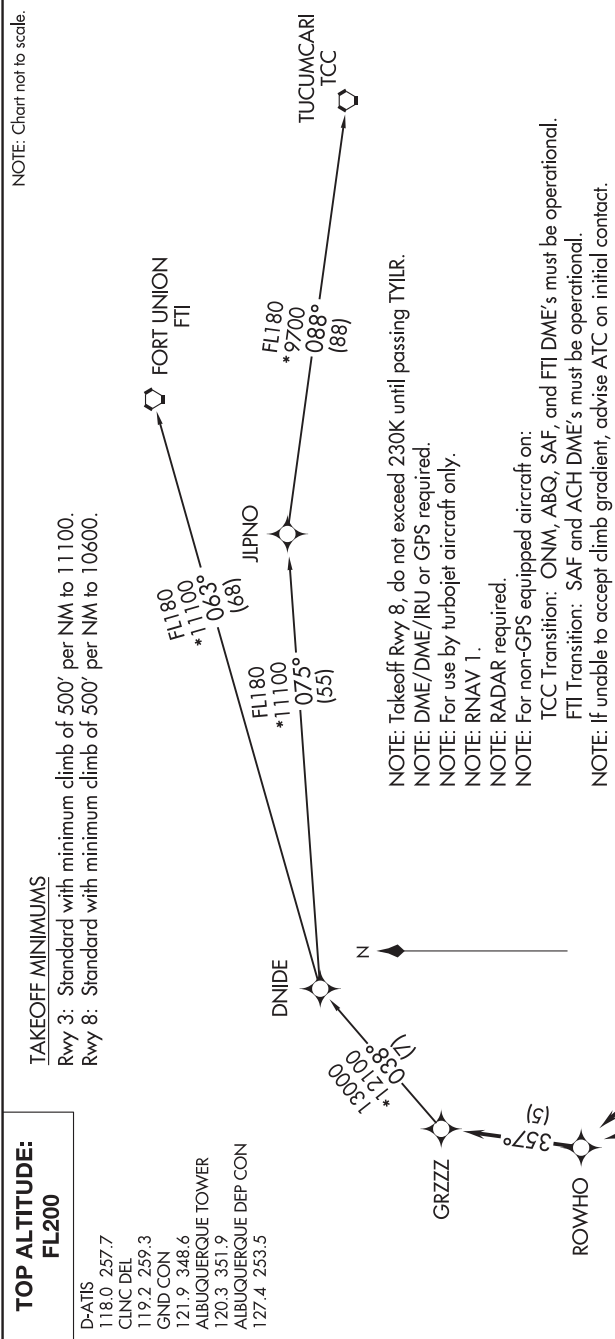


GRZZZ THREE DEPARTURE (RNAV)

AL-12 (FAA)

ALBUQUERQUE INTL SUNPORT (ABQ)  
ALBUQUERQUE, NEW MEXICO

SW-1, 30 JAN 2020 to 26 MAR 2020



**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAY 3:** Climb heading 034° to 5860, then left turn direct ROWHO, then on track 357° to GRZZZ. Thence . . . .

**TAKEOFF RUNWAY 8:** Climb heading 079° to 5860 and direct TYLRL, then left turn direct ROWHO, then on track 357° to GRZZZ. Thence . . . .

. . . . (transition). Maintain FL200, expect filed altitude ten minutes after departure.

**FORT UNION TRANSITION (GRZZZ3.FTI)**

**TUCUMCARI TRANSITION (GRZZZ3.TCC)**

SW-1, 30 JAN 2020 to 26 MAR 2020

GRZZZ THREE DEPARTURE (RNAV)



(JEMEZ3.JEMEZ) 17285

## JEMEZ THREE DEPARTURE (RNAV) AL-12 (FAA)

ALBUQUERQUE INTL SUNPORT (ABQ)  
ALBUQUERQUE, NEW MEXICO

D-ATIS  
118.0 257.7  
CLNC DEL  
119.2 259.3  
CPDLC  
GND CON  
121.9 348.6  
ALBUQUERQUE TOWER  
120.3 351.9  
ALBUQUERQUE DEP CON  
127.4 253.5

**TOP ALTITUDE:**  
**FL200**

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of  
500' per NM to 11400.

Rwy 8: Standard with minimum climb of  
500' per NM to 11300.

NOTE: Do not exceed 250K until passing GRREN.

NOTE: Takeoff Rwy 8, do not exceed 230K until  
passing TYILR.

NOTE: DME/DME/IRU or GPS required.

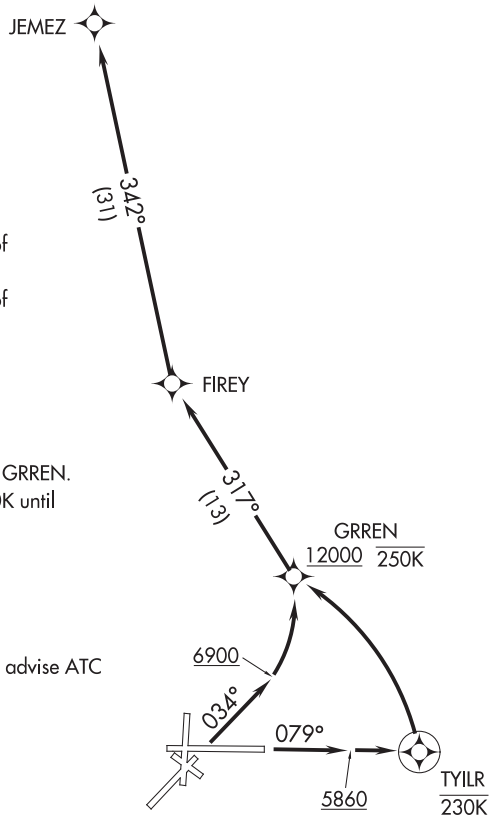
NOTE: For turbojet aircraft only.

NOTE: RNAV 1.

NOTE: RADAR required.

NOTE: If unable to accept climb gradient, advise ATC  
on initial contact.

NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 034° to 6900, then left turn direct GRREN, cross GRREN at or above 12000, then on depicted route to JEMEZ, thence . . . .

TAKEOFF RUNWAY 8: Climb heading 079° to 5860 and direct TYILR, then left turn direct GRREN, cross GRREN at or above 12000, then on depicted route to JEMEZ, thence . . . .

. . . . Maintain FL200, expect filed altitude ten minutes after departure.

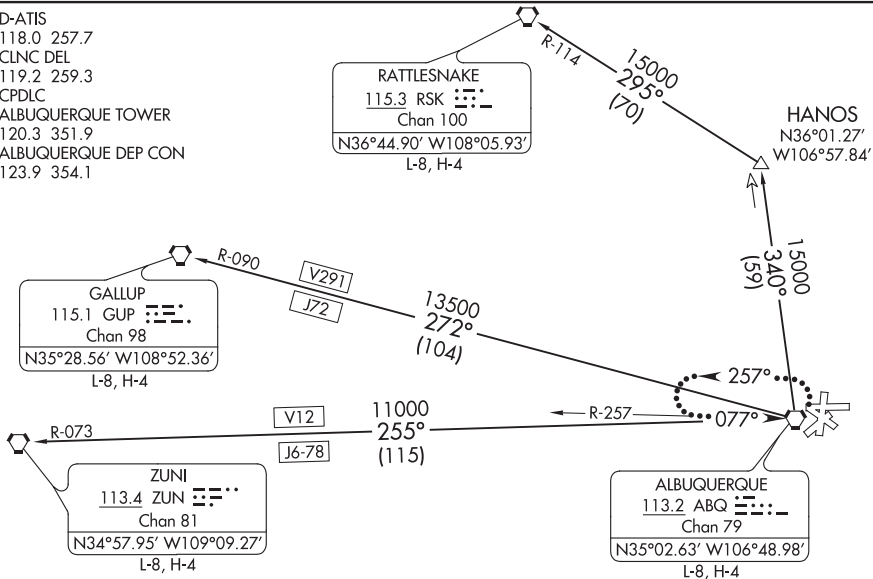
JEMEZ THREE DEPARTURE (RNAV)

(JEMEZ3.JEMEZ) 25JUN15

ALBUQUERQUE, NEW MEXICO  
ALBUQUERQUE INTL SUNPORT (ABQ)



D-ATIS  
118.0 257.7  
CLNC DEL  
119.2 259.3  
CPDLC  
ALBUQUERQUE TOWER  
120.3 351.9  
ALBUQUERQUE DEP CON  
123.9 354.1



TAKEOFF MINIMUMS  
Rwys 3, 12, 21, 26, 30: Standard  
Rwy 8: Standard with a minimum climb of 470' per NM to 7600.

NOTE: Departing Rwy 8, do not exceed 240K until established on assigned heading.  
NOTE: RADAR required.  
NOTE: DME required for RATTLESNAKE TRANSITION.  
NOTE: Caution: Mountainous terrain all quadrants.  
NOTE: Caution: Hang glider activity in vicinity of mountains.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

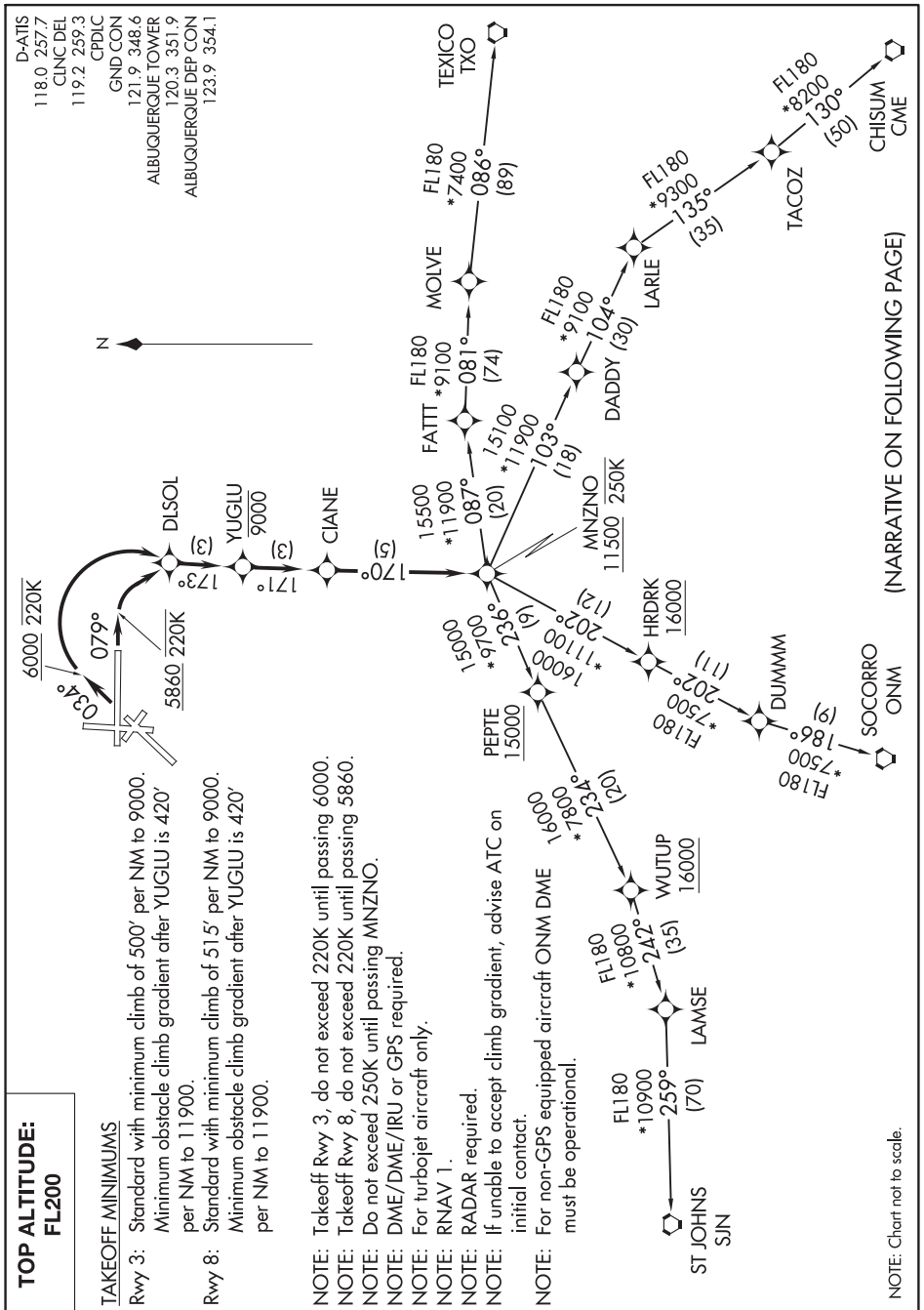
All aircraft climb on assigned heading for RADAR vectors to filed/assigned route. Expect clearance to filed altitude/flight level 5 minutes after departure.

**LOST COMMUNICATIONS**  
If no transmissions are received for 1 minute after departure and a climb to 14000 feet or higher has not been issued, proceed direct ABQ VORTAC, climb in holding pattern to 14000, then proceed via assigned fix/route. If cleared above 14000 feet, climb on assigned heading to 14000 feet, then proceed via assigned route.

- GALLUP TRANSITION (LARGO3.GUP): From over ABQ VORTAC on ABQ R-272 and GUP R-090 to GUP VORTAC.
- RATTLESNAKE TRANSITION (LARGO3.RSK): From over ABQ VORTAC on ABQ R-340 to HANOS, then on RSK R-114 to RSK VORTAC.
- ZUNI TRANSITION (LARGO3.ZUN): From over ABQ VORTAC on ABQ R-255 and ZUN R-073 to ZUN VORTAC.



# MNZNO THREE DEPARTURE (RNAV) AL-12 (FAA)



NOTE: Chart not to scale.

SW-1, 30 JAN 2020 to 26 MAR 2020

## MNZNO THREE DEPARTURE (RNAV)

(MNZNO3.MNZNO) 25JUN15

ALBUQUERQUE, NEW MEXICO  
ALBUQUERQUE INTL SUNPORT (ABQ)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 034° to 6000, then right turn direct DLSOL, then on track 173° to YUGLU, cross YUGLU at or below 9000, then on depicted route to MNZNO, cross MNZNO at or above 11500. Thence . . . .

TAKEOFF RUNWAY 8: Climb heading 079° to 5860, then right turn direct DLSOL, then on track 173° to YUGLU, cross YUGLU at or below 9000, then on depicted route to MNZNO, cross MNZNO at or above 11500. Thence . . . .

. . . . (transition). Maintain FL200, expect filed altitude ten minutes after departure.

- CHISUM TRANSITION (MNZNO3.CME)
- LAMSE TRANSITION (MNZNO3.LAMSE)
- MOLVE TRANSITION (MNZNO3.MOLVE)
- SOCORRO TRANSITION (MNZNO3.ONM)
- ST JOHNS TRANSITION (MNZNO3.SJN)
- TEXICO TRANSITION (MNZNO3.TXO)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

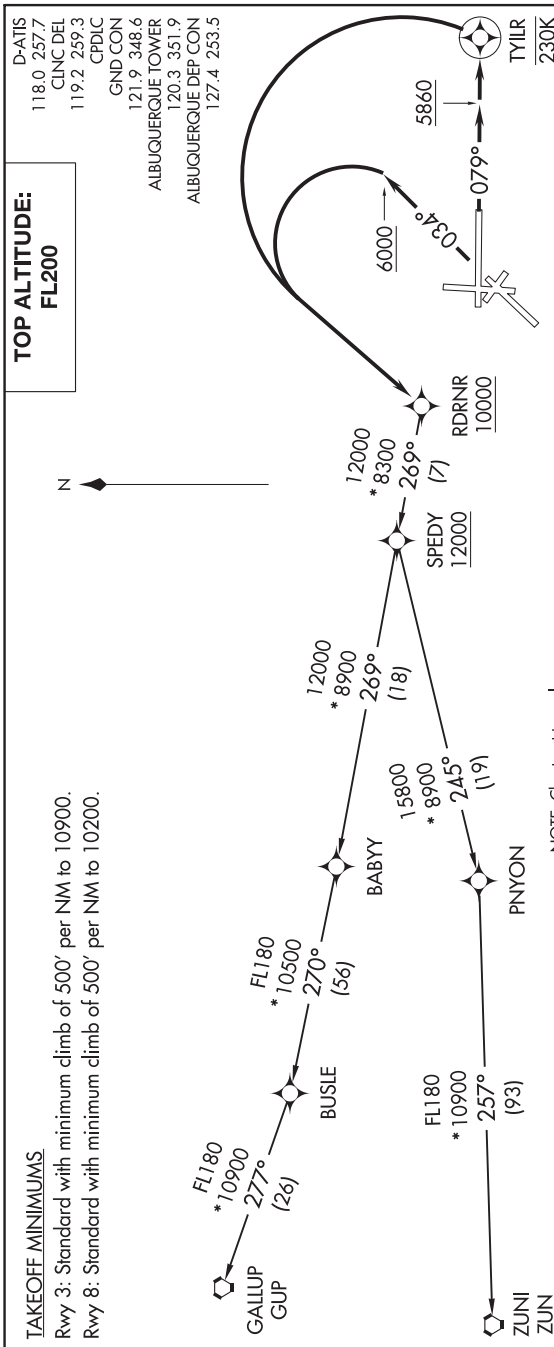


(RDRNR3.RDRNR) 17285

RDRNR THREE DEPARTURE (RNAV)

AL-12 (FAA)

ALBUQUERQUE INTL SUNPORT (ABQ)  
ALBUQUERQUE, NEW MEXICO



DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAY 3:** Climb heading 034°, then left turn direct RDRNR, cross RDRNR at or above 10000, thence . . . .  
**TAKEOFF RUNWAY 8:** Climb heading 079° to 5860, and direct TYLR, then left turn direct RDRNR, cross RDRNR at or above 10000, thence . . . .  
. . . . (transition). Maintain FL200. Expect filed altitude ten minutes after departure.

GALLUP TRANSITION (RDRNR3.GUP)  
ZUNI TRANSITION (RDRNR3.ZUN)

**NOTE:** Rwy 8, do not exceed 230K until passing TYLR.  
**NOTE:** RADAR required.  
**NOTE:** DME/DME/IRU or GPS required.  
**NOTE:** RNAV 1.  
**NOTE:** For Turbojet aircraft only.  
**NOTE:** If unable to accept climb gradient, advise ATC on initial contact.  
**NOTE:** For non-GPS equipped aircraft, ABQ and ONM DME's must be operational.

RDRNR THREE DEPARTURE (RNAV)

(RDRNR3.RDRNR) 25JUN15

ALBUQUERQUE, NEW MEXICO  
ALBUQUERQUE INTL SUNPORT (ABQ)



LOC I-AEG	APP CRS	Rwy Idg	7398
110.1	215°	TDZE	5817
		Apt Elev	5837

ILS or LOC RWY 22

DOUBLE EAGLE II (AEG)

Autopilot coupled approach NA. When local altimeter setting not received, use Albuquerque Intl Support altimeter setting and increase all DA 94 feet, increase all MDA 100 feet, and increase visibility S-LOC 22 Cats C/D ¼ mile, Circling Cats C/D ½ mile. For inop MALSR when using Albuquerque Intl Support altimeter setting, increase visibility S-ILS 22 all Cats ¾ mile.

MALSR

MISSED APPROACH: Climb to 6500 then climbing right turn 7700 direct DUDLE LOM and hold.

AWOS-3PT	ALBUQUERQUE APP CON	DOUBLE EAGLE II TOWER ★	GND CON	CLNC DEL
119.025	127.4 253.5	120.15 (CTAF) 0	121.625	124.8 (When twr closed)

ADF REQUIRED

AWASH

LOCALIZER 110.1

I-AEG

ALTERNATE MISSED APCH FIX

AWASH

110.6 SAF

R-238

Chan 43

113.2 ABQ

R-316

Chan 79

5987

5886±

7900

013°

111.5

ALBUQUERQUE

113.2 ABQ

Chan 79

035°

1 min

215°

035°

(CFVLF)

LOM/IAF

DUDLE

351 AE

7960

7000

8000

7000

7610

7988

10897

MSA AE 25 NM

180°

360°

8100

11900

ELEV 5837

TDZE 5817

215° 5.5 NM from FAF

5883

TWR 5922

0.4% UP

5923 X 100

35

REIL Rws 17 and 35

MIRL Rws 4-22 and 17-35

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

6500	7700	AE		
		AE LOM	One Minute Holding Pattern	
		7629	035° → 7700	
			← 215° 7700	
			GS 3.00°	
			TCH 55	
		5.5 NM		
CATEGORY	A	B	C	D
S-ILS 22	6017-½ 200 (200-½)			
S-LOC 22	6140-½ 323 (400-½)			
CIRCLING	6400-1	563 (600-1)	6420-1½ 583 (600-1½)	6640-2½ 803 (900-2½)

ALBUQUERQUE, NEW MEXICO

Amtd 3 15SEP16

35°09'N-106°48'W

37

DOUBLE EAGLE II (AEG)

ILS or LOC RWY 22



ALBUQUERQUE, NEW MEXICO

AL-6859 (FAA)

19339

WAAS CH <b>56339</b> <b>W04A</b>	APP CRS <b>035°</b>	Rwy Idg <b>7398</b> TDZE <b>5837</b> Apt Elev <b>5837</b>
--	------------------------	---

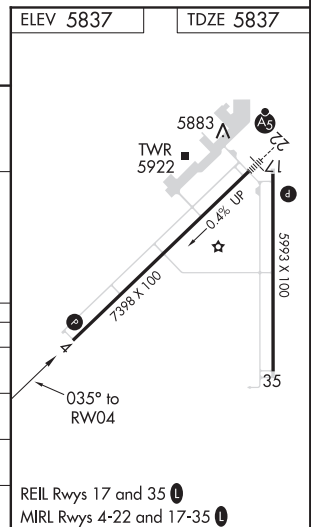
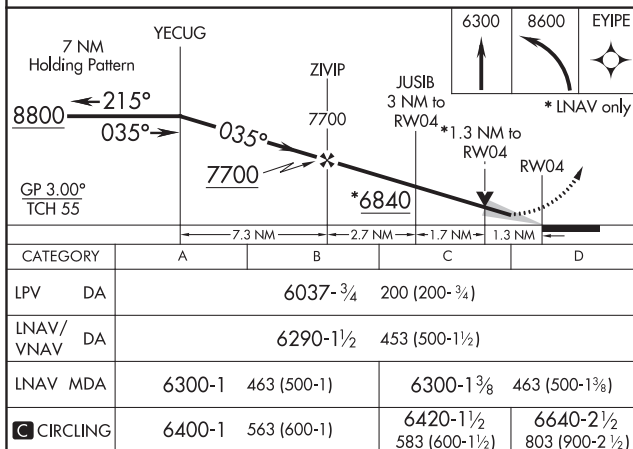
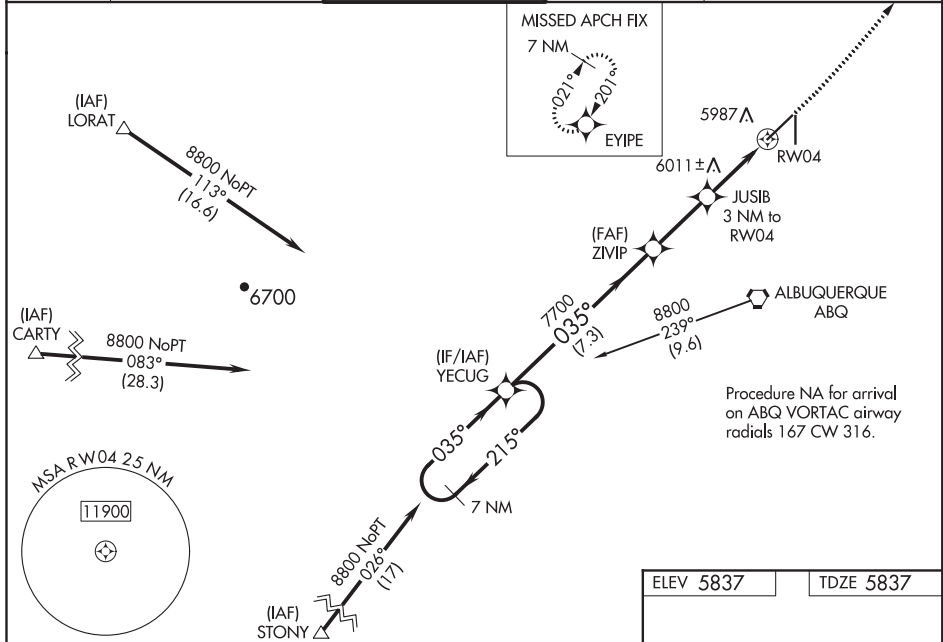
# RNAV (GPS) RWY 4

## DOUBLE EAGLE II (A/E/G)

**⚠** DME/DME RNP-0.3 NA. When local altimeter setting not received, use Albuquerque Intl Support altimeter setting and increase LPV DA to 6131 feet and LNAV/VNAV DA to 6384 feet, increase all MDA 100 feet, and increase LPV all Cats visibility  $\frac{1}{8}$  mile, LNAV/VNAV all Cats visibility  $\frac{3}{8}$  mile, LNAV visibility Cat C/D  $\frac{1}{4}$  mile, and Circling visibility Cats C/D  $\frac{1}{2}$  mile. Baro-VNAV and VDP NA when using Albuquerque Intl Support altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -26°C (-14°F) or above 46°C (114°F).

MISSED APPROACH: Climb to 6300 then climbing left turn to 8600 direct EYIPE and hold.

AWOS-3PT <b>119.025</b>	ALBUQUERQUE APP CON <b>127.4 253.5</b>	DOUBLE EAGLE II TOWER ★ <b>120.15 (CTAF) 0</b>	GND CON <b>121.625</b>	CLNC DEL <b>124.8</b> (When twr closed)
----------------------------	---	---	---------------------------	---



ALBUQUERQUE, NEW MEXICO

Orig 15SEP16

35°09'N-106°48'W

# DOUBLE EAGLE II (A/E/G)

## RNAV (GPS) RWY 4

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>42539</b> <b>W22A</b>	APP CRS <b>215°</b>	Rwy Idg TDZE Apt Elev	<b>7398</b> <b>5817</b> <b>5837</b>
--	------------------------	-----------------------------	---

RNAV (GPS) RWY 22

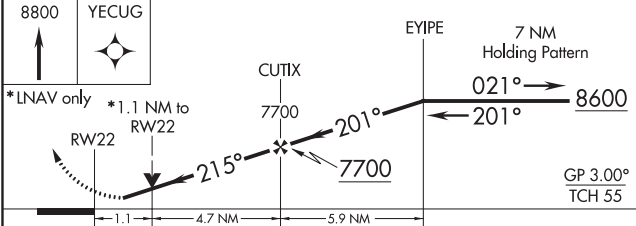
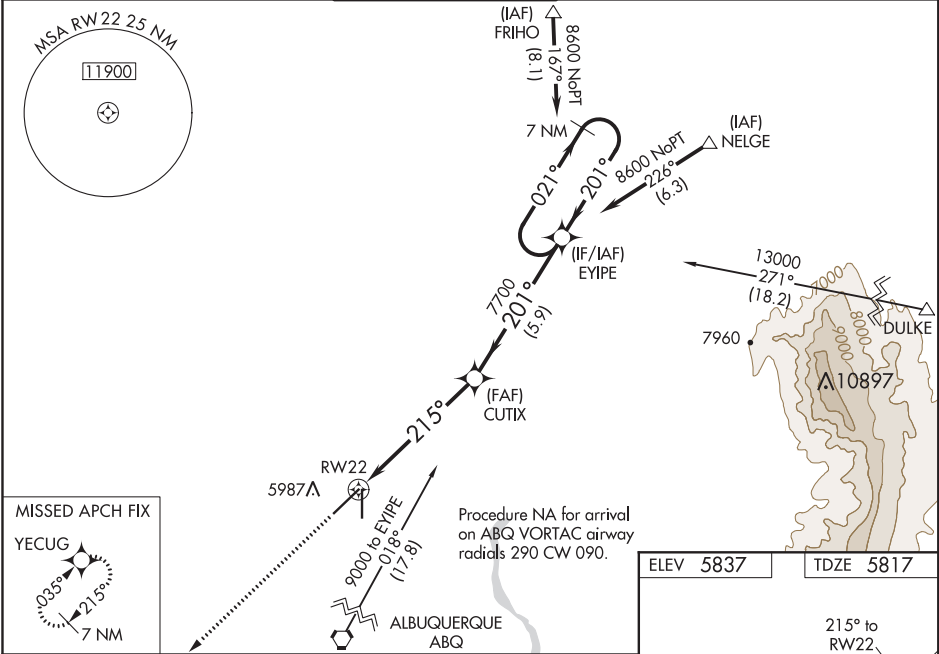
DOUBLE EAGLE II (A/E/G)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -26°C (-14°F) or above 46°C (114 °F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Albuquerque Intl Sunport altimeter setting and increase LPV DA to 6111, LNAV-VNAV DA to 6234; increase all MDA 100 feet, and increase LNAV/VNAV visibility all Cats and LNAV Cat C/D visibility ¾ mile and Circling Cat C/D visibility ½ mile. For inop MALSR, increase LNAV/VNAV all Cats visibility to 1 mile. For inop MALSR when using Albuquerque Intl Sunport altimeter setting, increase LPV all Cats visibility to 1 mile and LNAV/VNAV all Cats and LNAV Cat C/D visibility to 1 ½ mile.

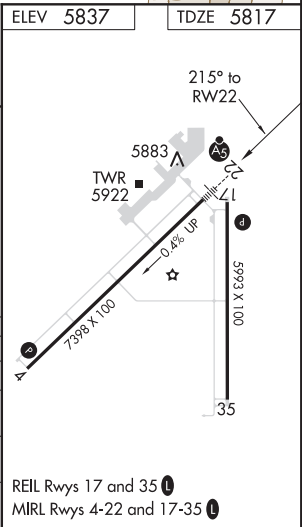
MALSR

MISSED APPROACH:  
Climb to 8800 direct  
YECUG and hold.

AWOS-3PT <b>119.025</b>	ALBUQUERQUE APP CON <b>127.4 253.5</b>	DOUBLE EAGLE II TOWER ★ <b>120.15</b> (CTAF) <b>0</b>	GND CON <b>121.625</b>	CLNC DEL <b>124.8</b> (When twr closed)
----------------------------	---	--	---------------------------	---



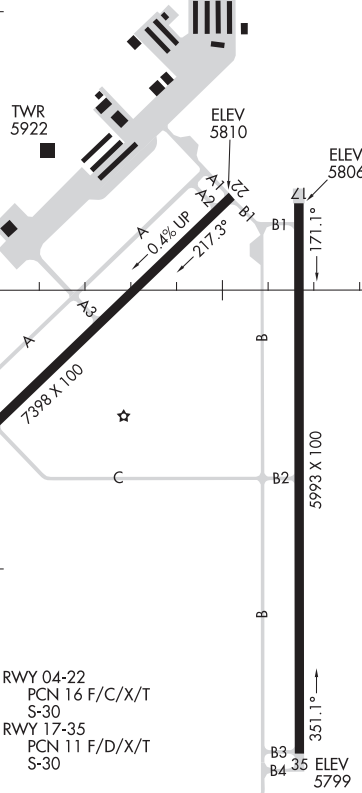
CATEGORY	A	B	C	D
LPV DA		6017-½	200 (200-½)	
LNAV/VNAV DA		6140-⅝	323 (400-⅝)	
LNAV MDA	6200-½	383 (400-½)	6200-⅝	383 (400-⅝)
CIRCLING	6400-1	563 (600-1)	6420-1½ 583 (600-1½)	6640-2½ 803 (900-2½)





AWOS-3PT  
119.025  
DOUBLE EAGLE II\*  
120.15  
GND CON  
121.625  
CLNC DEL  
124.8 (When twr closed)

VAR 8.9° E  
JANUARY 2015  
ANNUAL RATE OF CHANGE  
0.1° W



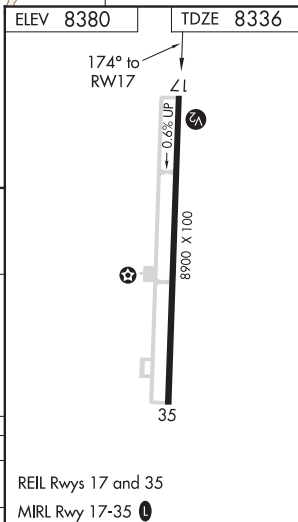
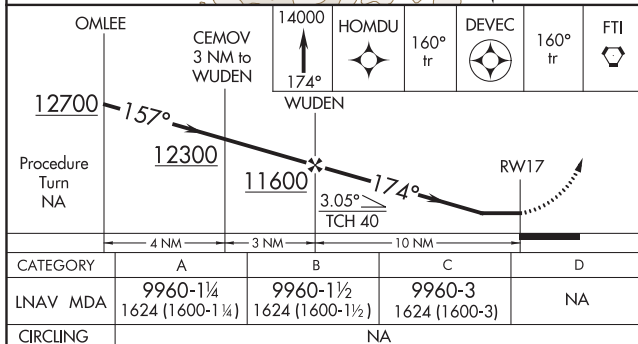
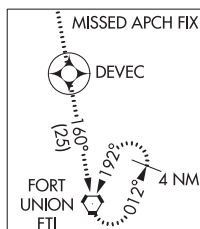
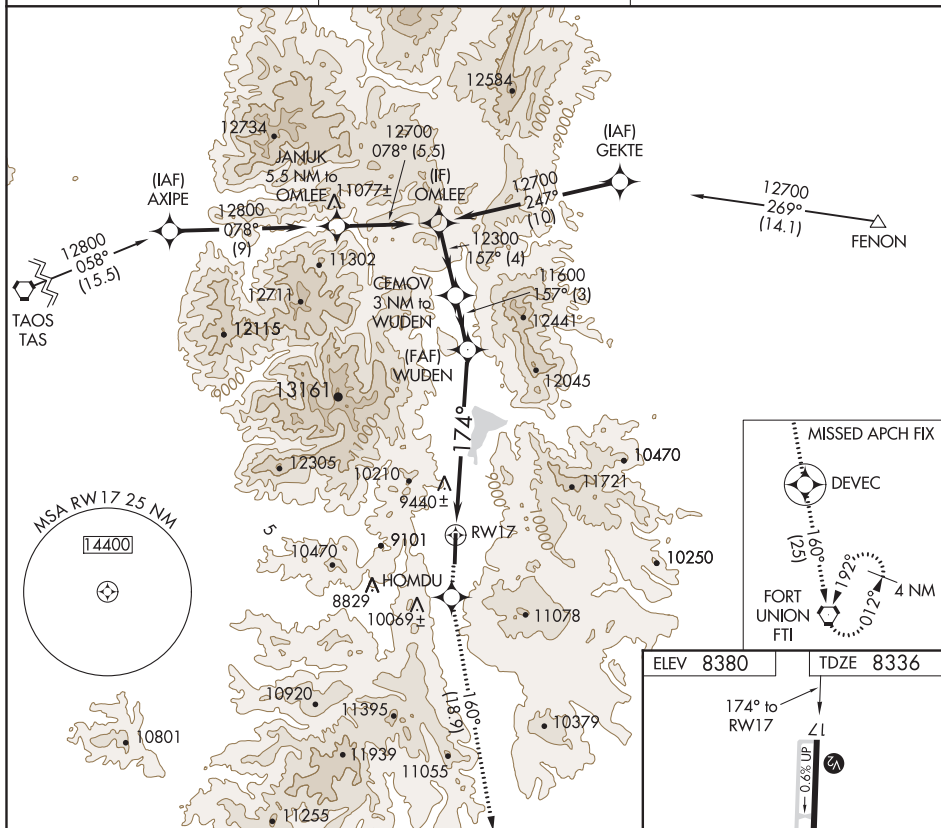
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.  
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.



RNAV (GPS) RWY 17  
ANGEL FIRE (AXX)

**MISSED APPROACH:** Climb to 14000 via 174° course to HOMDU and via 160° track to DEVEC and 160° track to FTI VORTAC and hold.

UNICOM  
122.8 (CTAF) **L**



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(ANEKE2.CELAV) 17229

ANEKE TWO DEPARTURE (OBSTACLE) (RNAV)

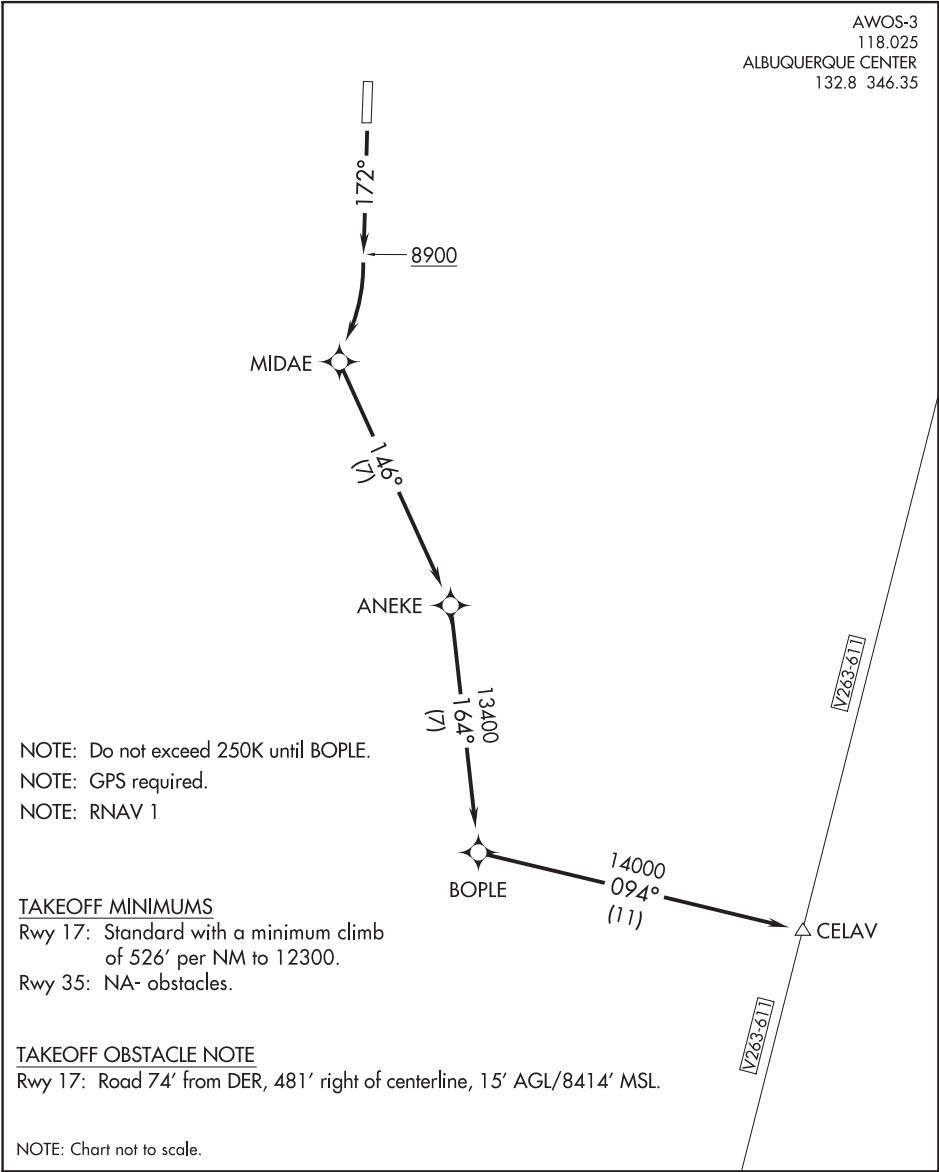
AL-9482 (FAA)

ANGEL FIRE (AXX)  
ANGEL FIRE, NEW MEXICO

AWOS-3  
118.025  
ALBUQUERQUE CENTER  
132.8 346.35

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 17: Climb heading 172° to 8900, then climbing right turn to 14000 direct MIDAE, then via 146° track to ANEKE, then via 164° track to BOPLE, then via 094° track to CELAV.

ANEKE TWO DEPARTURE (OBSTACLE) (RNAV)  
(ANEKE2.CELAV) 31JUL08

ANGEL FIRE, NEW MEXICO  
ANGEL FIRE (AXX)

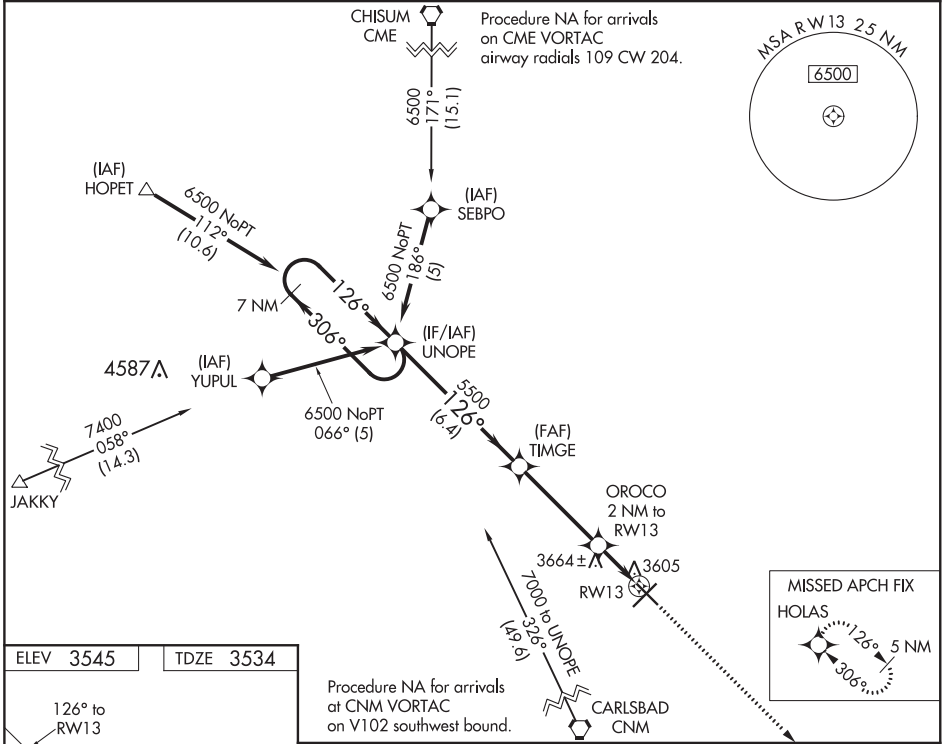


WAAS CH <b>86535</b> <b>W13A</b>	APP CRS <b>126°</b>	Rwy Idg <b>6132</b> TDZE <b>3534</b> Apt Elev <b>3545</b>
--	------------------------	---

RNAV (GPS) RWY 13  
ARTESIA MUNI (ATS)

<p><b>A</b> For uncompensated Baro-VNAV systems, LNAV-VNAV NA below -22°C (-7°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.</p>	MISSED APPROACH: Climb to 5900 direct HOLAS and hold.
---	---

AWOS-3 <b>126.725</b>	ROSWELL APP CON * <b>119.6 239.0</b>	UNICOM <b>123.075 (CTAF) 0</b>
--------------------------	---	-----------------------------------



ELEV <b>3545</b>	TDZE <b>3534</b>
------------------	------------------

	7 NM Holding Pattern	UNOPE	TIMGE	OROCO 2 NM to RW13	5900 HOLAS
	6500	306° 126°	126°	5500	
	GP 3.00° TCH 42		5500	*4200	*1.1 NM to RW13 *LNAV only
		6.4 NM	4 NM	0.9	1.1 NM
CATEGORY	A	B	C	D	
LPV DA	3734-3/4		200 (200-3/4)		
LNAV/VNAV DA	3784-7/8		250 (300-7/8)		
LNAV MDA	3920-1	386 (400-1)	3920-1 1/8	386 (400-1 1/8)	
CIRCLING	3980-1 435 (500-1)	4000-1 455 (500-1)	4080-1 1/2 535 (600-1 1/2)	4240-2 1/4 695 (700-2 1/4)	

MIRL Rwy 4-22 and 13-31 0

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>87035</b> <b>W22A</b>	APP CRS <b>216°</b>	Rwy Idg <b>6800</b> TDZE <b>3522</b> Apt Elev <b>3545</b>
--	------------------------	---

# RNAV (GPS) RWY 22

## ARTESIA MUNI (ATS)

T  
A

For uncompensated Baro-VNAV systems, procedure NA below -22°C or above 54°C.

**MISSED APPROACH:**

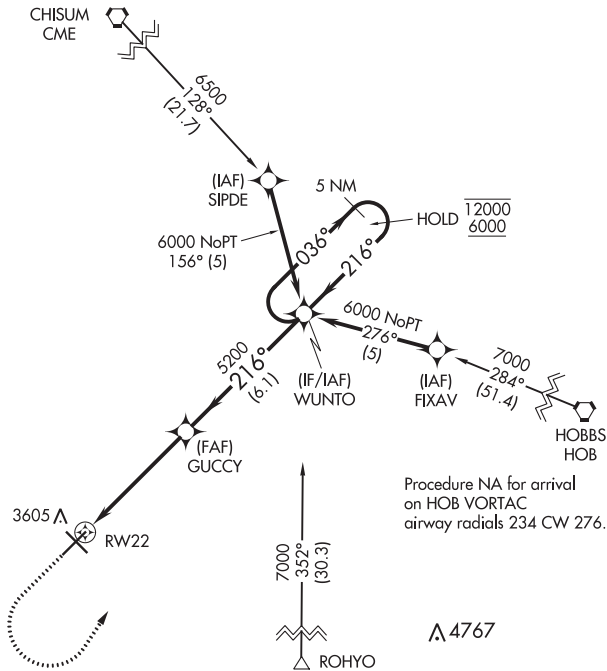
Climb to 4600 then climbing left turn to 6000 direct WUNTO and hold.

AWOS-3  
**126.725**

ROSWELL APP CON ★  
119.6 239.0

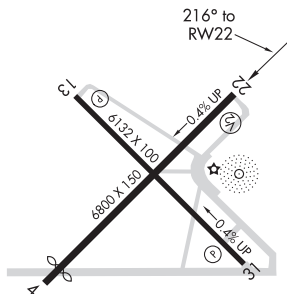
UNICOM  
123.075 (CTAF) **L**

Procedure NA for arrival  
on CME VORTAC  
airway radials 051 CW 204.



Procedure NA for arrival  
on HOB VORTAC  
airway radials 234 CW 276.

ELEV	3545		TDZE	3522
------	------	--	------	------



4600 6000 WUNTO

VGS and RNAV glidepaths not coincident (VGS Angle 3.00/TCH 25).

5 NM Holding Pattern

WUNTO

036° → 12000  
← 216° 6000

GUCCY

5200

216°



5200

RW22

\* 1.1 NM to RW22

\* LNAV only.

GP 3.00°  
TCH 40

					
CATEGORY		A	B	C	D
LPV	DA		3772-1	250 (300-1)	
RNAV/ VNAV	DA		3772-1	250 (300-1)	
	MDA		3880-1	358 (400-1)	
 CIRCLING		3960-1 415 (500-1)	4000-1 455 (500-1)	4040-1½ 495 (500-1½)	4240-2¼ 695 (700-2¼)

MIRL Rwy 4-22 and 13-31 L

ARTESIA, NEW MEXICO

Amdt 1B 15AUG19

ARTESIA MUNI (ATS)

32°51'N-104°28'W

RNAV (GPS) RWY 22

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>82535</b> <b>W31A</b>	APP CRS <b>306°</b>	Rwy Idg <b>6132</b> TDZE <b>3520</b> Apt Elev <b>3545</b>
--	------------------------	---

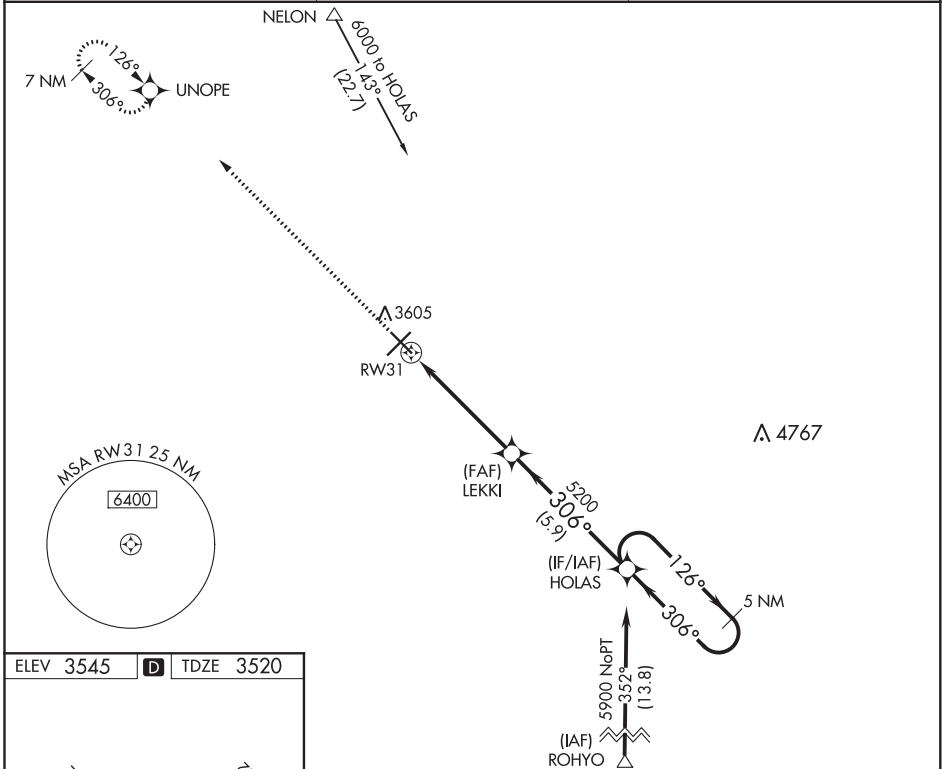
RNAV (GPS) RWY 31

ARTESIA MUNI (ATS)

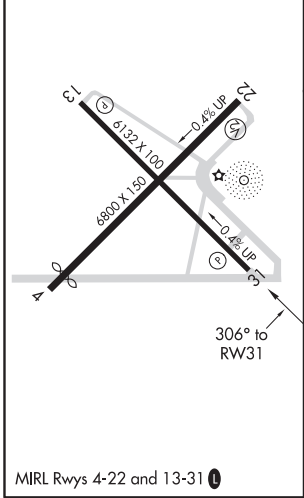
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 52°C (125°F). DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 6500 direct UNOPE and hold.

AWOS-3 <b>126.725</b>	ROSWELL APP CON * <b>119.6 239.0</b>	UNICOM <b>123.075 (CTAF) 1</b>
--------------------------	---	-----------------------------------



ELEV <b>3545</b>	<b>D</b>	TDZE <b>3520</b>
------------------	----------	------------------



6500

UNOPE

HOLAS

5 NM Holding Pattern

\* LNAV only.

\* 1 NM to RW31

LEKKI

5200

306°

5200

126°

306°

5900

GP 3.00°

TCH 50

RW31

1 NM

4.2 NM

5.9 NM

CATEGORY	A	B	C	D
LPV DA	3720-3/4		200 (200-3/4)	
LNAV/VNAV DA	3809-1		289 (300-1)	
LNAV MDA	3880-1		360 (400-1)	
<b>C</b> CIRCLING	3980-1 435 (500-1)	4000-1 455 (500-1)	4080-1½ 535 (600-1½)	4240-2¼ 695 (700-2¼)



Rwy Idg	<b>6132</b>
TDZE	<b>3534</b>
Apt Elev	<b>3545</b>

NDB RWY 13  
ARTESIA MUNI (ATS)

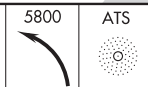
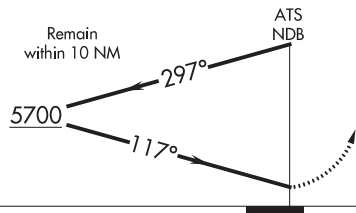
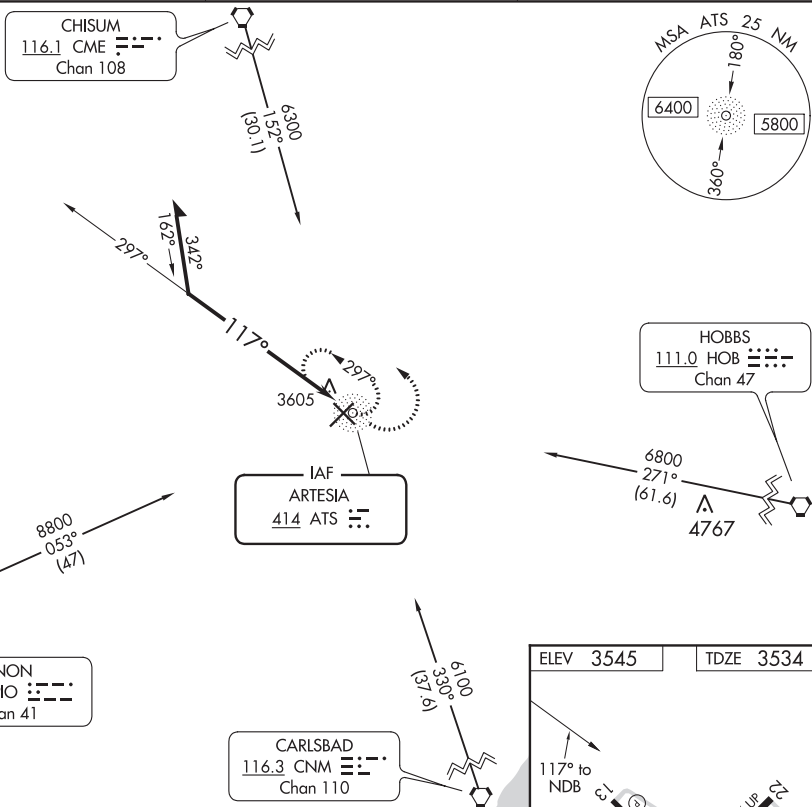


**MISSED APPROACH:** Climbing left turn to 5800 in ATS NDB holding pattern.

AWOS-3  
126.725

ROSWELL APP CON ★  
119.6 239.0

UNICOM  
123.075 (CTAF) **L**



CATEGORY	A	B	C	D
S-13	4320-1 786 (800-1)	4320-1¼ 786 (800-1¼)	4320-2½	786 (800-2½)
<b>C</b> CIRCLING	4320-1 775 (800-1)	4320-1¼ 775 (800-1¼)	4320-2½	775 (800-2½)

MIRL Rwy 4-22 and 13-31 

32°51'N-104°28'W

ARTESIA MUNI (ATS)  
NDB RWY 13

SW-1, 30 JAN 2020 to 26 MAR 2020

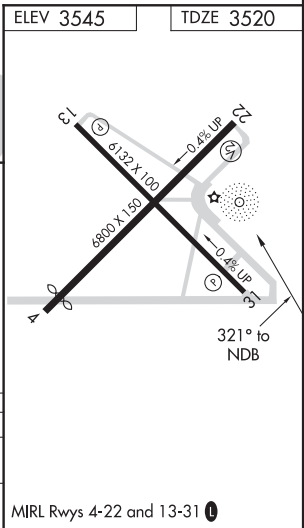
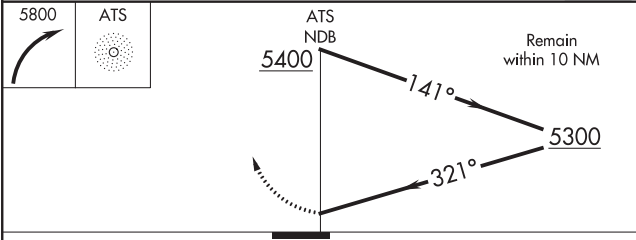
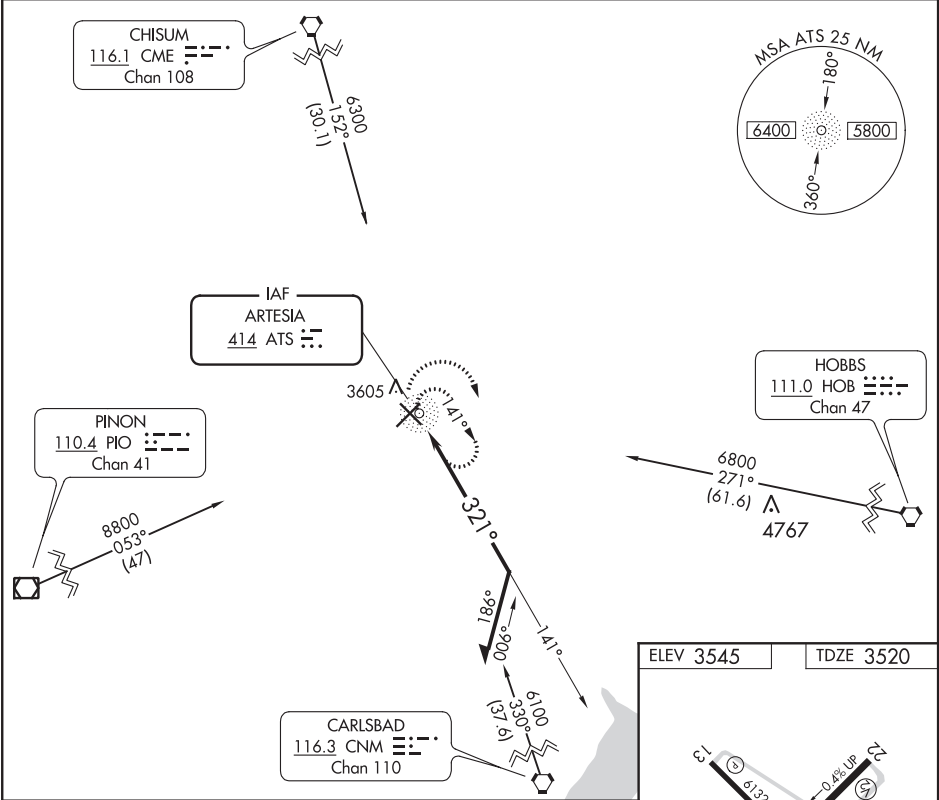


NDB ATS <b>414</b>	APP CRS <b>321°</b>	Rwy Idg TDZE Apt Elev <b>6132</b> <b>3520</b> <b>3545</b>
-----------------------	------------------------	--

NDB RWY 31  
ARTESIA MUNI (ATS)

MISSED APPROACH: Climbing right turn to 5800 in ATS NDB holding pattern.

AWOS-3 <b>126.725</b>	ROSWELL APP CON* <b>119.6 239.0</b>	UNICOM <b>123.075 (CTAF) 0</b>
--------------------------	--	-----------------------------------



CATEGORY	A	B	C	D
S-31	4060-1	540 (600-1)	4060-1½	540 (600-1½)
CIRCLING	4060-1	515 (600-1)	4080-1½ 535 (600-1½)	4240-2¼ 695 (700-2¼)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS)-F  
ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)

ATIS <b>120.4</b>	ASPEN APP CON ★ <b>123.8 288.3</b>	ASPEN TOWER ★ <b>118.85 (CTAF) 0 288.3</b>	GND CON <b>121.9</b>	CLNC DEL <b>123.75</b>	UNICOM <b>122.95</b>
----------------------	---------------------------------------	---	-------------------------	---------------------------	-------------------------

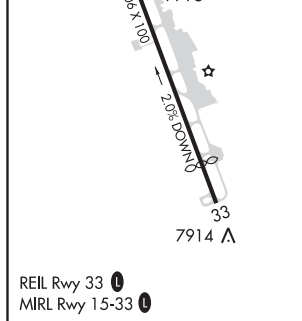


ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)  
W RNAV (GPS)-F



LOC/DME-E  
ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)

ATIS <b>120.4</b>	ASPEN APP CON ★ <b>123.8 288.3</b>	ASPEN TOWER ★ <b>118.85 (CTAF) 0 288.3</b>	GND CON <b>121.9</b>	CLNC DEL <b>123.75</b>	UNICOM <b>122.95</b>
----------------------	---------------------------------------	---	-------------------------	---------------------------	-------------------------



VGSJ and descent angles not coincident (VGSJ Angle 3.50/TCH 55).		14000 hdg 300°		I-PKN NW crs (303°)	LINDZ △	DBL R-244	GLENO △
JARGU INT I-ASE <u>13.1</u>		KICER I-ASE <u>10.9</u>	FIMSO I-ASE <u>9</u>	DOYPE I-ASE <u>7.1</u>			
13400		151°		12900		12300	
11700		6.59° TCH 55		CEYAG I-ASE <u>4</u>		11700	
2.2 NM		1.9 NM		1.9 NM		3.1 NM	
2.6 NM							
CATEGORY	A		B		C		D
CIRCLING	9840-3 2003 (2100-3)		10020-3 2183 (2200-3)		10220-3 2383 (2400-3)		NA



ASPEN, COLORADO

AL-5889 (FAA)

19171

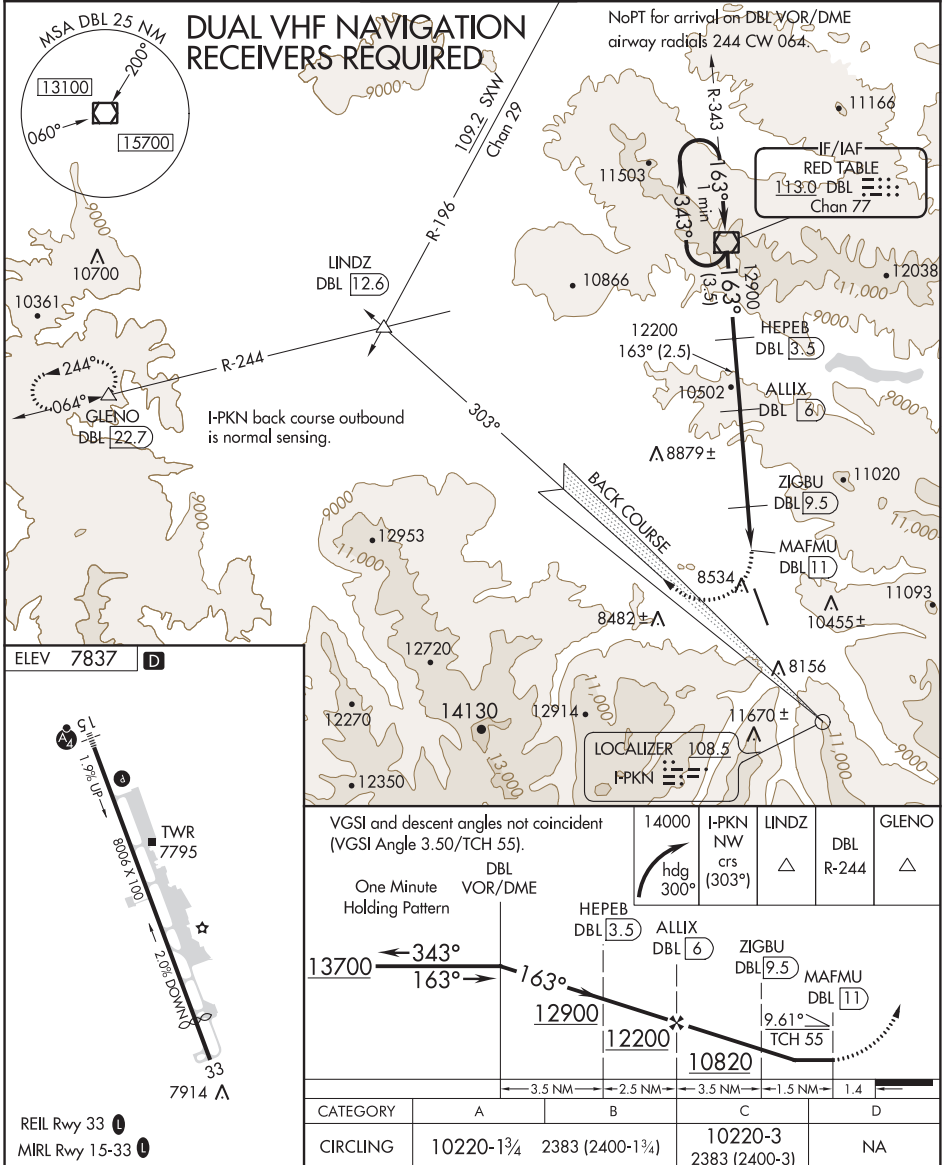
VOR/DME DBL <b>113.0</b> Chan <b>77</b>	APP CRS <b>163°</b>	Rwy Idg TDZE Apt Elev <b>N/A</b> <b>7837</b>
---	------------------------	--

**VOR/DME-C**

ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)

-26°C When local altimeter setting not received, procedure NA. Procedure NA at night.	<b>MISSED APPROACH:</b> Climbing right turn to 14000 on heading 300° and I-PKN localizer NW course (303°) to LINDZ INT then on DBL VOR/DME R-244 to GLENO 22.7 DME and hold.
--	--

ATIS <b>120.4</b>	ASPEN APP CON* <b>123.8 288.3</b>	ASPEN TOWER* <b>118.85 (CTAF) 0 288.3</b>	GND CON <b>121.9</b>	CLNC DEL <b>123.75</b>	UNICOM <b>122.95</b>
----------------------	--------------------------------------	--	-------------------------	---------------------------	-------------------------



ASPEN, COLORADO

Amdt 5 20SEP12

ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)

39°13'N-106°52'W

**VOR/DME-C**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



Orig 17229

AL-5889 (FAA)

# ROARING FORK VISUAL RWY 15

ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)  
ASPEN, COLORADO

ATIS 120.4  
ASPEN APP CON ★  
123.8 288.3  
ASPEN TOWER ★  
118.85 (CTAF) 288.3  
GND CON  
121.9  
CLNC DEL  
123.75  
UNICOM 122.95

RED TABLE  
113.0 DBL  
Chan 77

MOUNT OF THE  
HOLY CROSS  
14007

12500  
Recommended

BASALT

11500  
Recommended

ROARING FORK RIVER

CARBONDALE  
10000  
Recommended

RUEDI  
RESERVOIR

FRYING PAN  
RIVER

HAGERMAN  
PASS  
12300

NOISE  
SENSITIVE  
AREA

NOISE  
SENSITIVE  
AREA

MT.  
SOPRIS  
12953

RIDGE

STARWOOD

ASPEN  
ASPEN  
MOUNTAIN

INDEPENDENCE  
PASS  
12095  
14500  
Recommended

14500  
Recommended

CAPITAL  
PEAK  
14130

15500  
Recommended

VERTICAL GUIDANCE  
NAVAID:  
PAPI Rwy 15 (3.55°)

CASTLE  
PEAK  
14266

16000  
Recommended

## RADAR REQUIRED

Weather Minimums:  
6000 foot ceiling and 10 mile  
visibility.

CHART NOT TO SCALE

## ROARING FORK VISUAL RWY 15

Procedure not authorized at night.

When visual approaches to Runway 15 are in progress, clearances will be given  
utilizing in part the following phraseology:

"(IDENT) cleared for a ROARING FORK VISUAL Approach to Runway 15."

# ROARING FORK VISUAL RWY 15

Orig 16NOV89

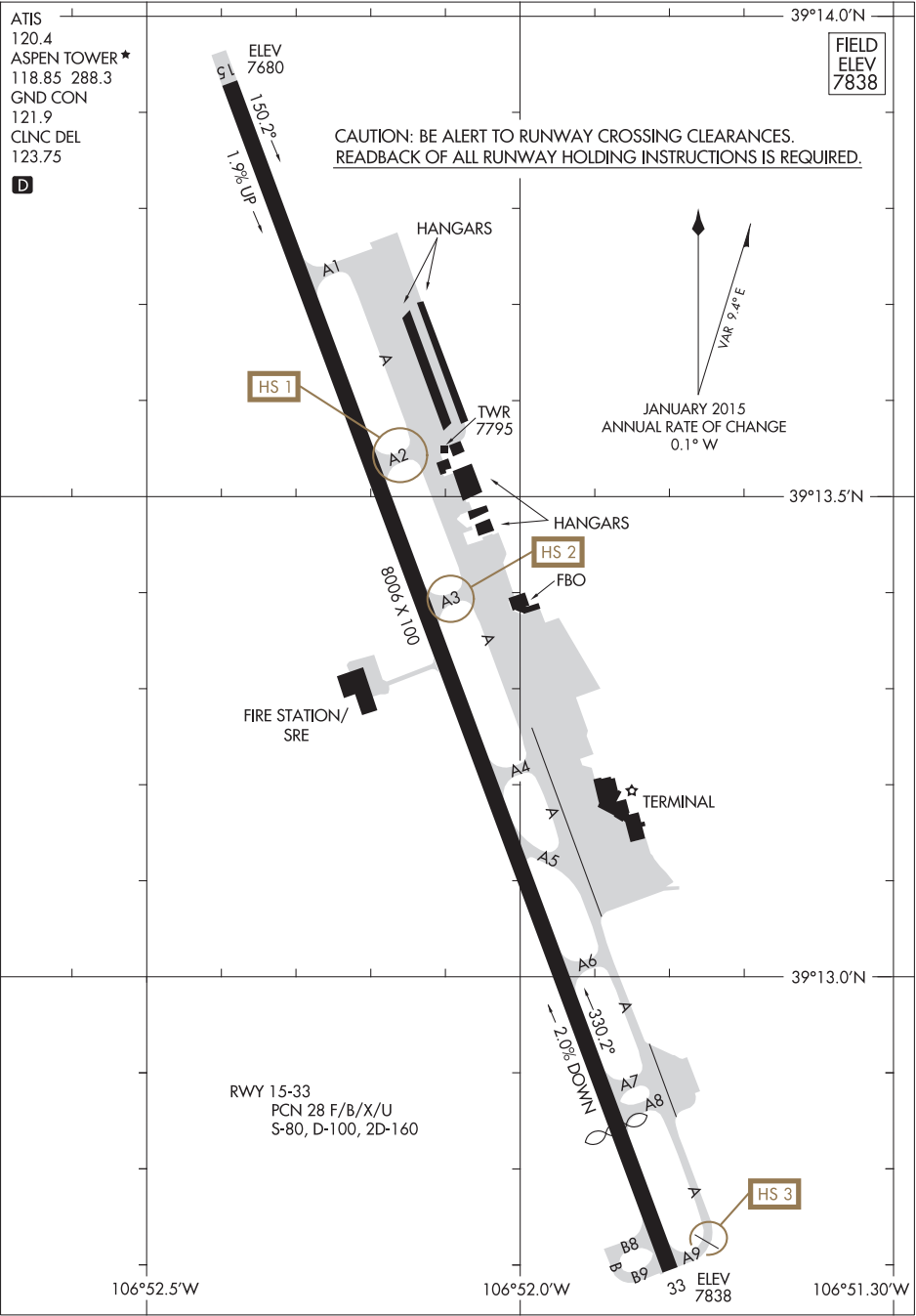
39°13'N-106°52'W

ASPEN, COLORADO  
ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)

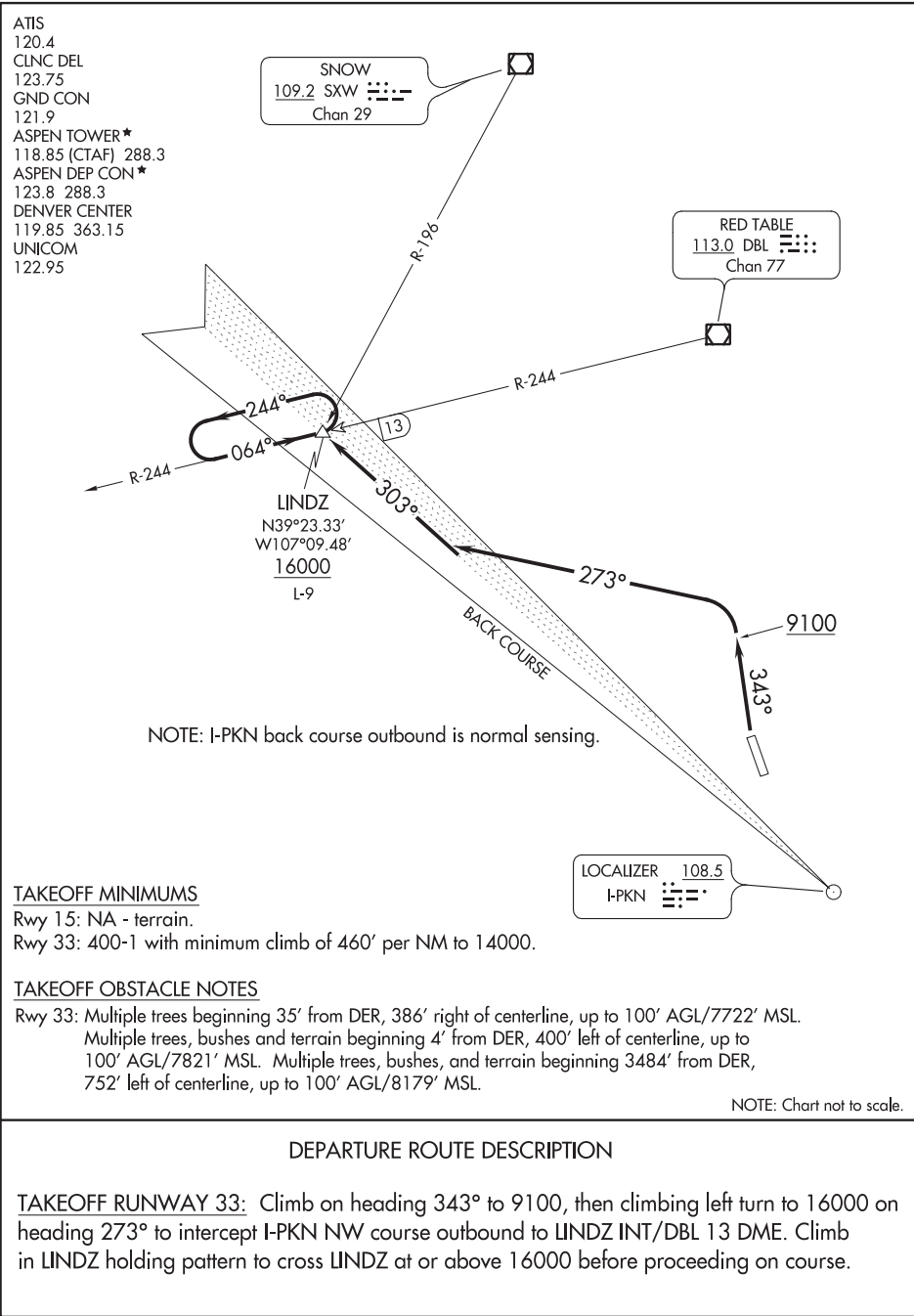
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020











(ASPE7.ASPE) 20002

## ASPEN SEVEN DEPARTURE

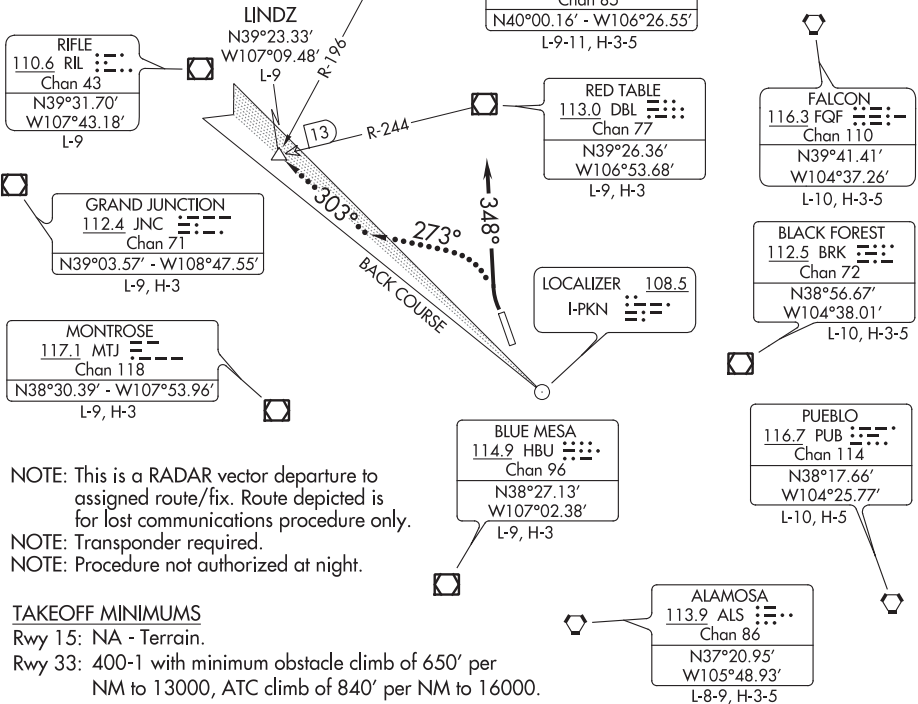
AL-5889 (FAA)

ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)

ASPEN, COLORADO

ATIS  
120.4  
CLNC DEL  
123.75  
GND CON  
121.9  
ASPEN TOWER\*  
118.85 (CTAF) 288.3  
ASPEN DEP CON\*  
123.8 288.3  
DENVER CENTER  
119.85 363.15  
UNICOM  
122.95

**TOP ALTITUDE:  
16000**



## DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAY 33:** Climbing right turn heading 348°, maintain 16000 or assigned altitude for RADAR vectors to assigned route/fix. Expect clearance to filed altitude 10 minutes after departure.

**LOST COMMUNICATIONS:** If no transmissions are received for one minute after departure, turn left heading 273° to intercept and proceed via the I-PKN NW course (outbound) to LINDZ INT/DBL R-244/13 DME, thence via assigned fix/route.

**NOTE:** I-PKN back course outbound is normal sensing.

## ASPEN SEVEN DEPARTURE

(ASPE7.ASPE) 21JUL16

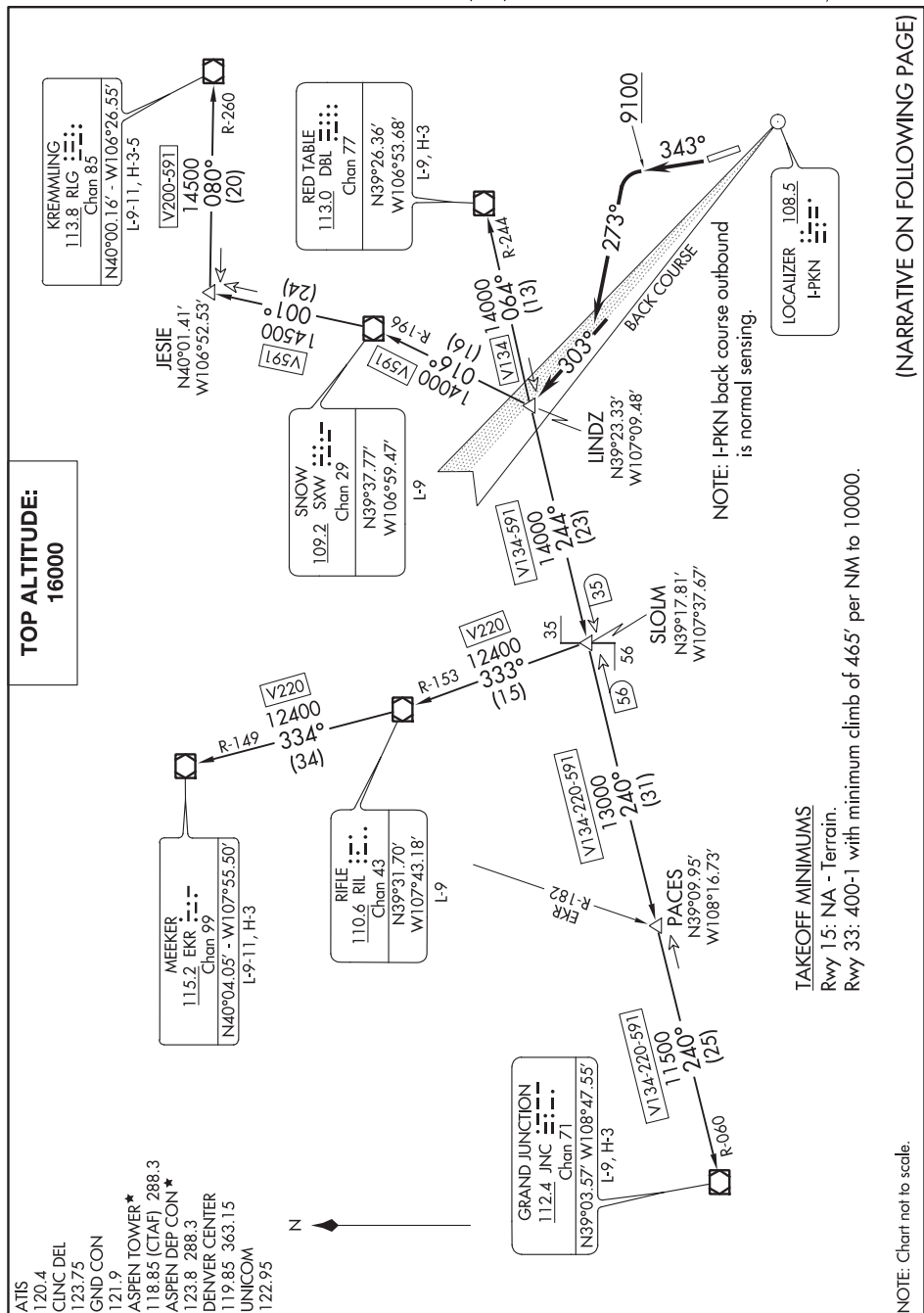
ASPEN, COLORADO  
ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

LINDZ NINE DEPARTURE

(LINDZ9.LINDZ) 19JUL18

## ASPEN, COLORADO

ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)



(LINDZ9.LINDZ) 18200

## LINDZ NINE DEPARTURE

AL-5889 (FAA)

ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)

ASPEN, COLORADO



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 33: Climb heading 343° to 9100, then climbing left turn to 16000 on heading 273° to intercept I-PKN NW course outbound to LINDZ INT/DBL 13 DME. Then via assigned transition, maintain 16000, expect clearance to filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received for one minute after departure, or by DBL VOR/DME 9 DME, turn left on heading 273° to intercept and proceed via the I-PKN NW course (outbound) to LINDZ INT/DBL VOR/DME 13 DME, then via assigned route/transition.

GRAND JUNCTION TRANSITION (LINDZ9.JNC): From over LINDZ on DBL R-244 to SLOLM, then on JNC R-060 to JNC VOR/DME.

KREMLING TRANSITION (LINDZ9.RLG): From over LINDZ on SXW R-196 to SXW VOR/DME, then on SXW R-001 to JESIE, then on RLG R-260 to RLG VOR/DME.

MEEKER TRANSITION (LINDZ9.EKR): From over LINDZ on DBL R-244 to SLOLM, then on RIL R-153 to RIL VOR/DME, then on RIL R-334 and EKR R-149 to EKR VOR/DME.

RED TABLE TRANSITION (LINDZ9.DBL): From over LINDZ on DBL R-244 to DBL VOR/DME.

RIFLE TRANSITION (LINDZ9.RIL): From over LINDZ on DBL R-244 to SLOLM, then on RIL R-153 to RIL VOR/DME.

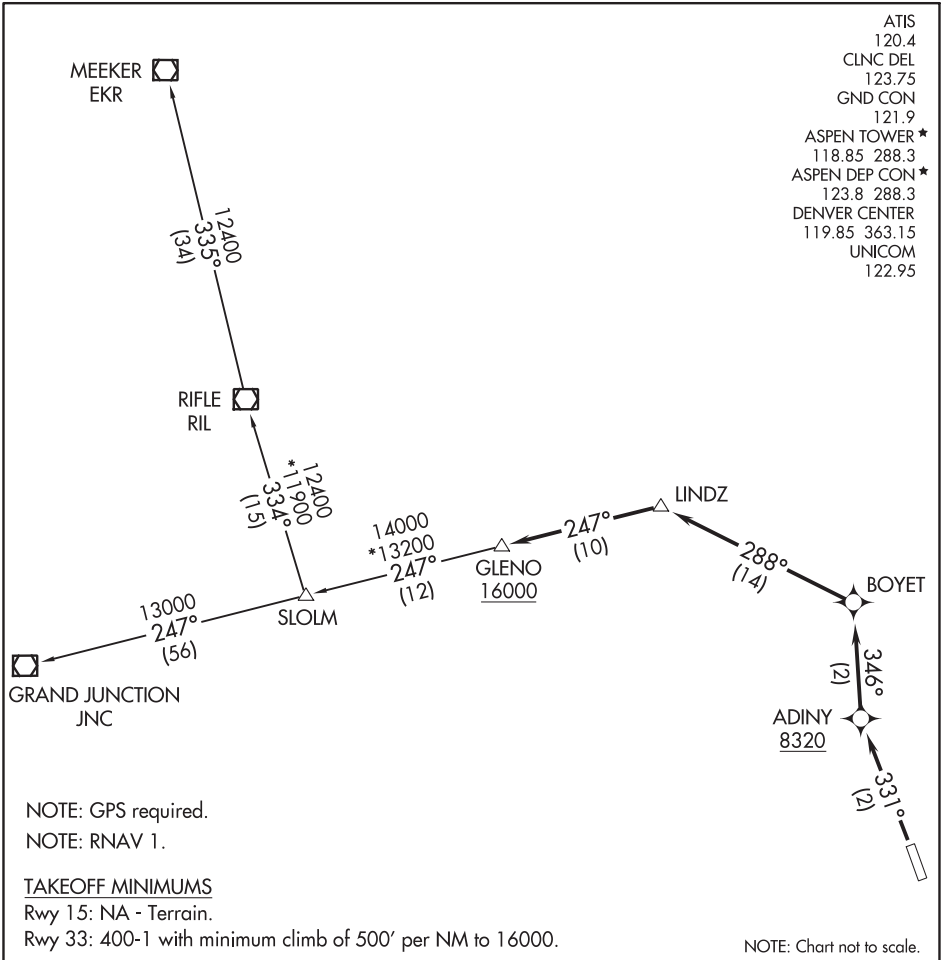
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

LINDZ NINE DEPARTURE  
(LINDZ9.LINDZ) 19JUL18

ASPEN, COLORADO  
ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)





**DEPARTURE ROUTE DESCRIPTION**

TAKEOFF RUNWAY 33: Climb heading 331° to at or above 8320 direct ADINY, and climbing right turn to 16000 on track 346° to BOYET, and on track 288° to LNDZ, and on track 247° to GLENO, thence. . . .

. . . .via transition or assigned route, expect clearance to filed altitude 10 minutes after departure.

GRAND JUNCTION TRANSITION (PITKN4.JNC)

MEEKER TRANSITION (PITKN4.EKR)

RIFLE TRANSITION (PITKN4.RIL)



BELEN, NEW MEXICO

AL-6564 (FAA)

19003

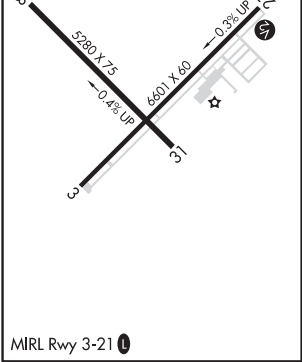
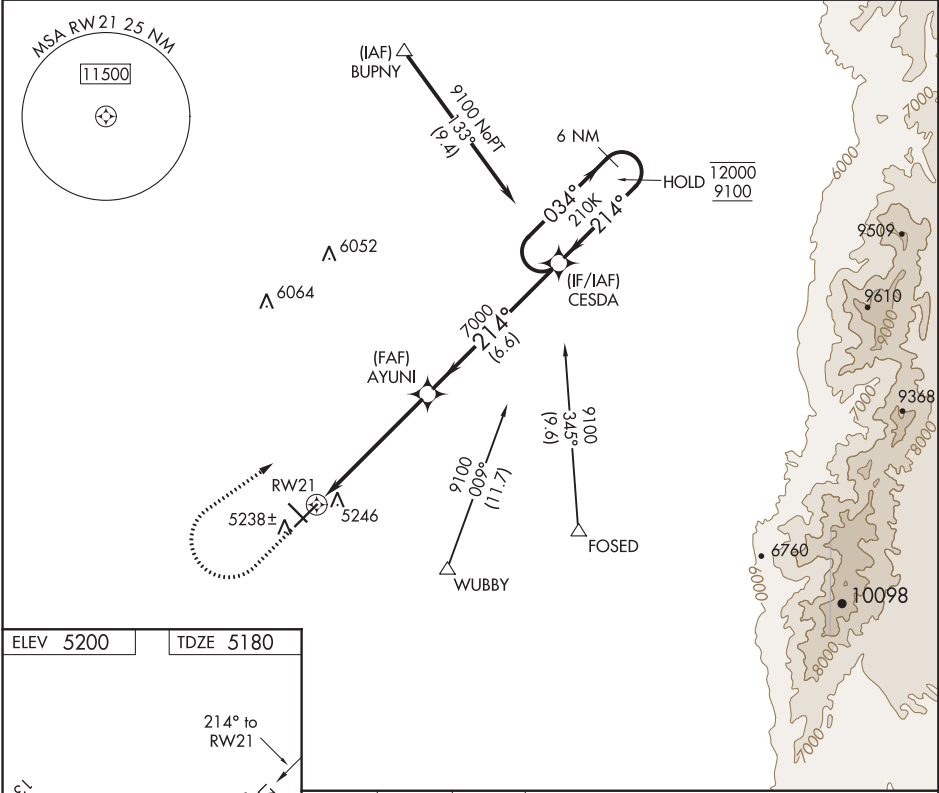
APP CRS	Rwy Idg	<b>6601</b>
<b>214°</b>	TDZE	<b>5180</b>
	Apt Elev	<b>5200</b>

# RNAV (GPS) RWY 21

BELEN RGNL (BRG)

RNP APCH	MISSED APPROACH: Climb to 6800 then climbing right turn to 9100 direct CESDA and hold.
▼ Procedure NA at night. Rwy 21 helicopter visibility reduction below 1 SM NA.	

AWOS-3PT <b>118.55</b>	ALBUQUERQUE APP CON <b>123.9 354.1</b>	UNICOM <b>122.8 (CTAF) 0</b>
---------------------------	---	---------------------------------



<div>6800 ↑</div>		<div>9100 ↗</div>		<div>CESDA ✦</div>		<div>6 NM Holding Pattern</div>			
<div>RW21 ↻</div>		<div>AYUNI ✕</div>		<div>CESDA</div>		<div>034° → 12000 ← 214° 9100</div>			
<div>7000</div>		<div>7000</div>		<div>214°</div>		<div>214°</div>			
<div>≤ 3.00° TCH 40</div>		<div>5.6 NM</div>		<div>6.6 NM</div>					
CATEGORY		A		B		C		D	
LNAV MDA		5560-1 380 (400-1)						NA	
CIRCLING		5600-1 400 (400-1)		5660-1 460 (500-1)		5660-1½ 460 (500-1½)		NA	

BELEN, NEW MEXICO  
Amdt 1 03JAN19

34°39'N-106°50'W

# RNAV (GPS) RWY 21

BELEN RGNL (BRG)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



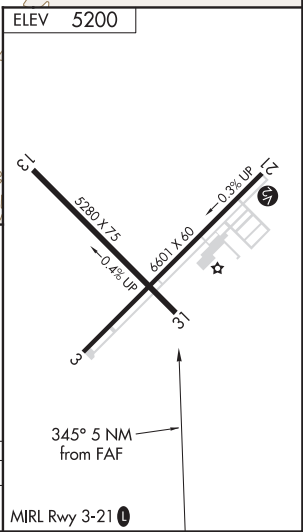
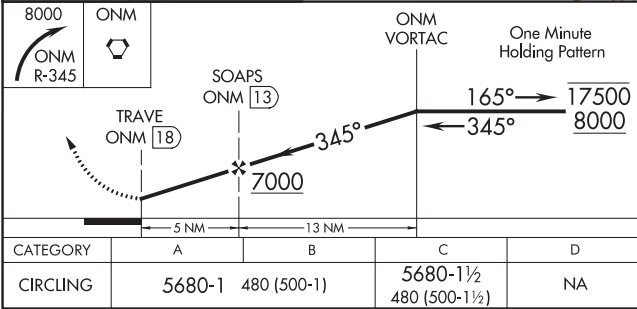
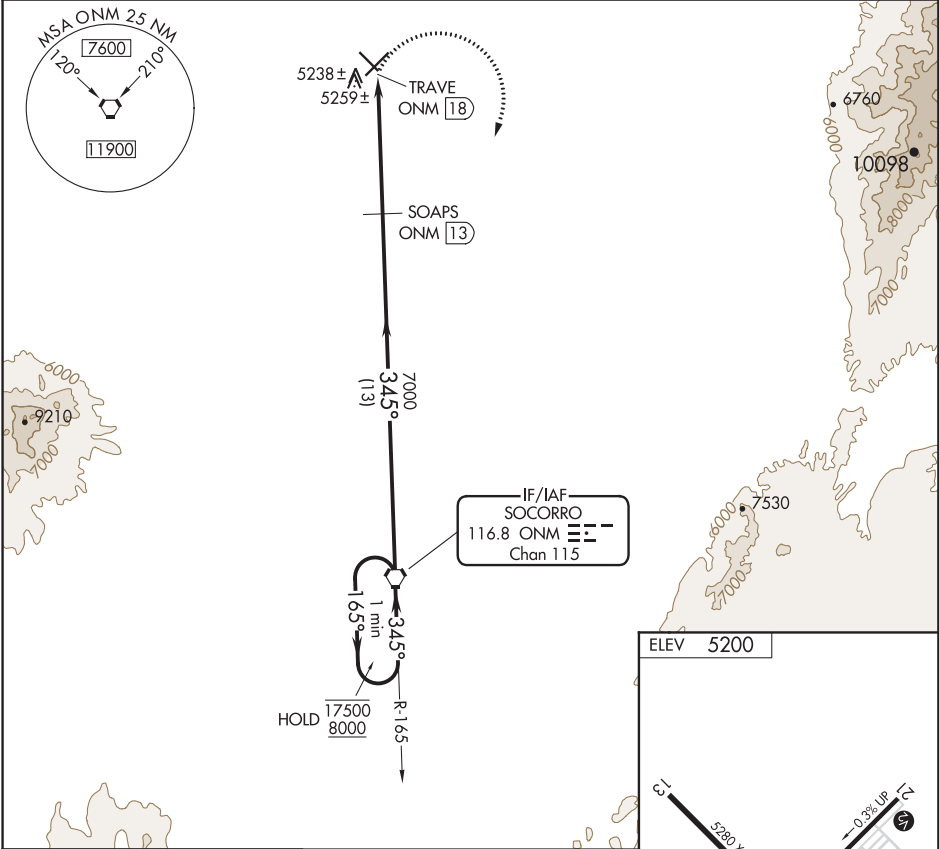
VORTAC ONM <b>116.8</b> Chan <b>115</b>	APP CRS <b>345°</b>	Rwy Idg TDZE Apt Elev <b>N/A</b> <b>N/A</b> <b>5200</b>
---	------------------------	--

VOR-A

BELEN RGNL (BRG)

DME required. ▼	MISSED APPROACH: Climbing right turn to 8000 on ONM VORTAC R-345 to ONM VORTAC and hold.
--------------------	--

AWOS-3PT <b>118.55</b>	ALBUQUERQUE APP CON <b>123.9 354.1</b>	UNICOM <b>122.8 (CTAF) 0</b>
---------------------------	---	---------------------------------



SW-1, 30 JAN 2020 to 26 MAR 2020

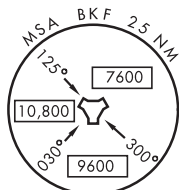
SW-1, 30 JAN 2020 to 26 MAR 2020



ILS or LOC/DME RWY 32

ATIS ★ 119.675 259.3	DENVER APP CON 128.45 251.075	BUCKLEY TOWER ★ 121.0 291.675	GND CON 121.6 275.8	CLNC DEL 121.6 275.8
-------------------------	----------------------------------	----------------------------------	------------------------	-------------------------

SW-1, 30 JAN 2020 to 26 MAR 2020



EMERG SAFE ALT 100 NM 16,500

BUCKLEY AFB (KBKF)

ILS or LOC/DME RWY 32



AURORA, COLORADO

# RNAV (GPS) RWY 32

APCH CRS	Rwy Idg	11,006
323°	TDZE	5663
	Arpt Elev	5663

AL-538 (USAF)

BUCKLEY AFB (KBKF)

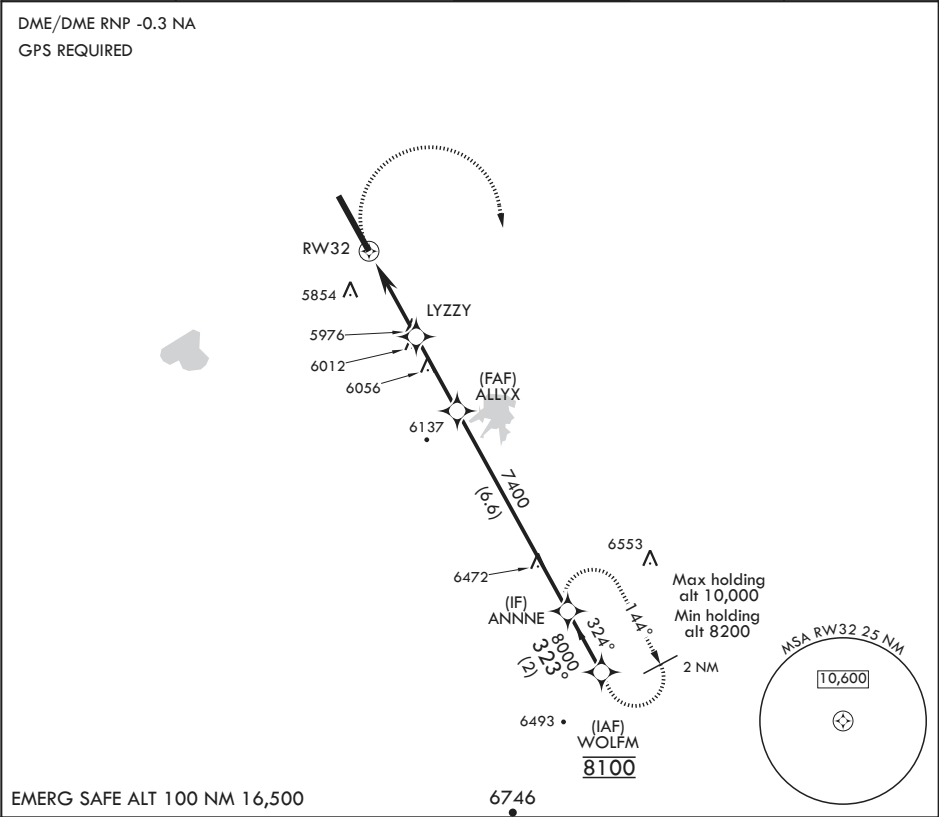
**▼** \* When ALS inop increase CAT AB RVR to 55, vis to 1 mile; CAT CD vis to 1 3/4 miles.  
\*\* Circling NA East of Rwy 14-32.

ALS F-1




MISSED APPROACH: Climbing right turn to 8200 to ANNNE and hold or as directed by ATC.

ATIS★ 119.675 259.3	DENVER APP CON/DEP CON 128.45 251.075	TOWER★ 121.0 291.675	GND CON 121.6 275.8	CLNC DEL 121.6 275.8
------------------------	--	-------------------------	------------------------	-------------------------



EMERG SAFE ALT 100 NM 16,500



WOLFM

ANNNE

ALLYX

LYZZY

RW32

1.7 NM to RW32

6600

7400

8000

8100

323°

≤3.04°

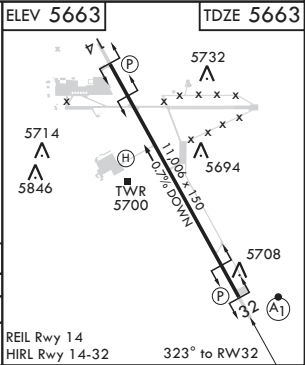
TCH 45

2.8 NM

2.4 NM

ELEV 5663

TDZE 5663



AURORA, COLORADO

39°42'N - 104°45'W

BUCKLEY AFB (KBKF)

Amdt 1 11OCT18

# RNAV (GPS) RWY 32

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

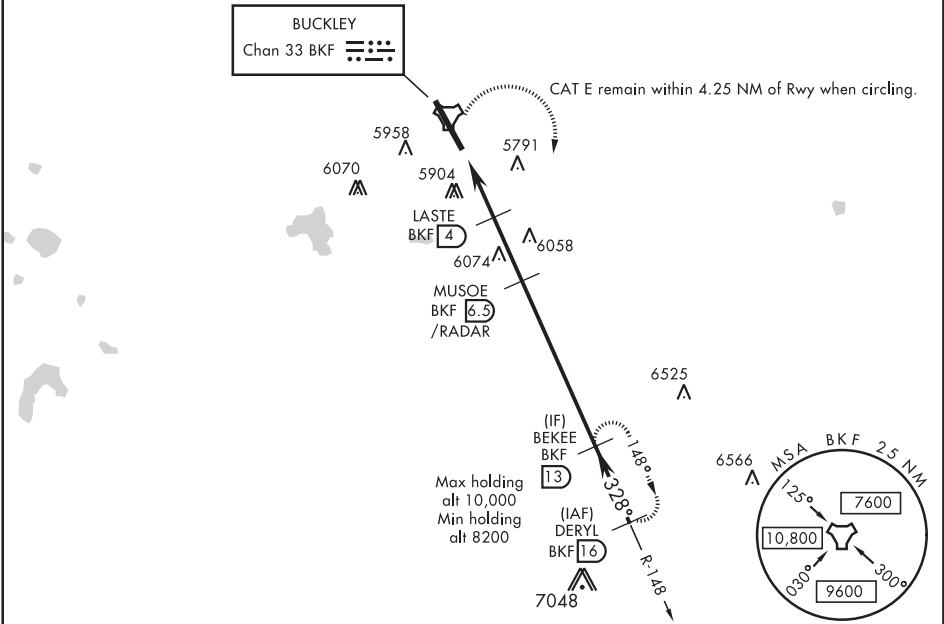


AURORA, COLORADO

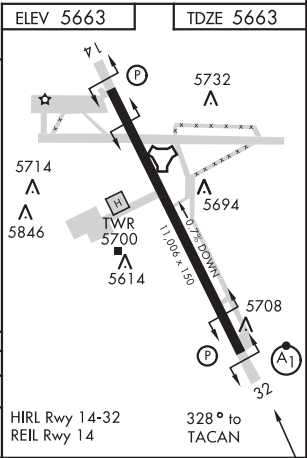
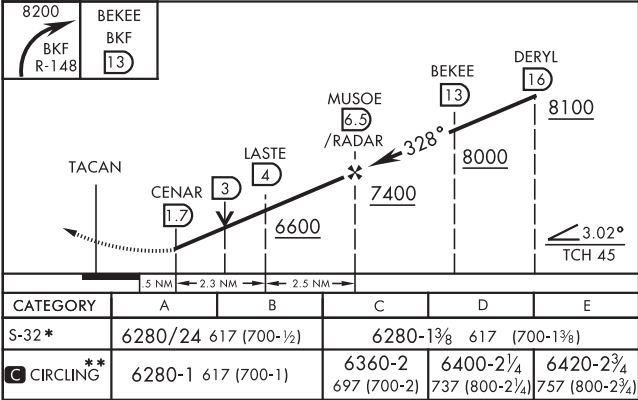
# TACAN RWY 32

TACAN BKF Chan <b>33</b>	APCH CRS <b>328°</b>	Rwy ldg <b>11,006</b> TDZE <b>5663</b> Arpt Elev <b>5663</b>	AL-538 [USAF]	BUCKLEY AFB (KBKF)
* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1¾ miles. ** Circling NA east of Rwy 14-32.			ALSF-1 	MISSED APPROACH: Climbing right turn to 8200 and intercept BKF TACAN R-148 direct BEKEE and hold or as directed by ATC.
ATIS ★ <b>119.675 259.3</b>	DENVER APP CON <b>128.45 251.075</b>	BUCKLEY TOWER ★ <b>121.0 291.675</b>	GND CON <b>121.6 275.8</b>	CLNC DEL <b>121.6 275.8</b>

Missed approach requires use of  
RNAV or ATC RADAR monitoring.



EMERG SAFE ALT 100 NM 16,500



AURORA, COLORADO

39°42'N-104°45'W

BUCKLEY AFB (KBKF)

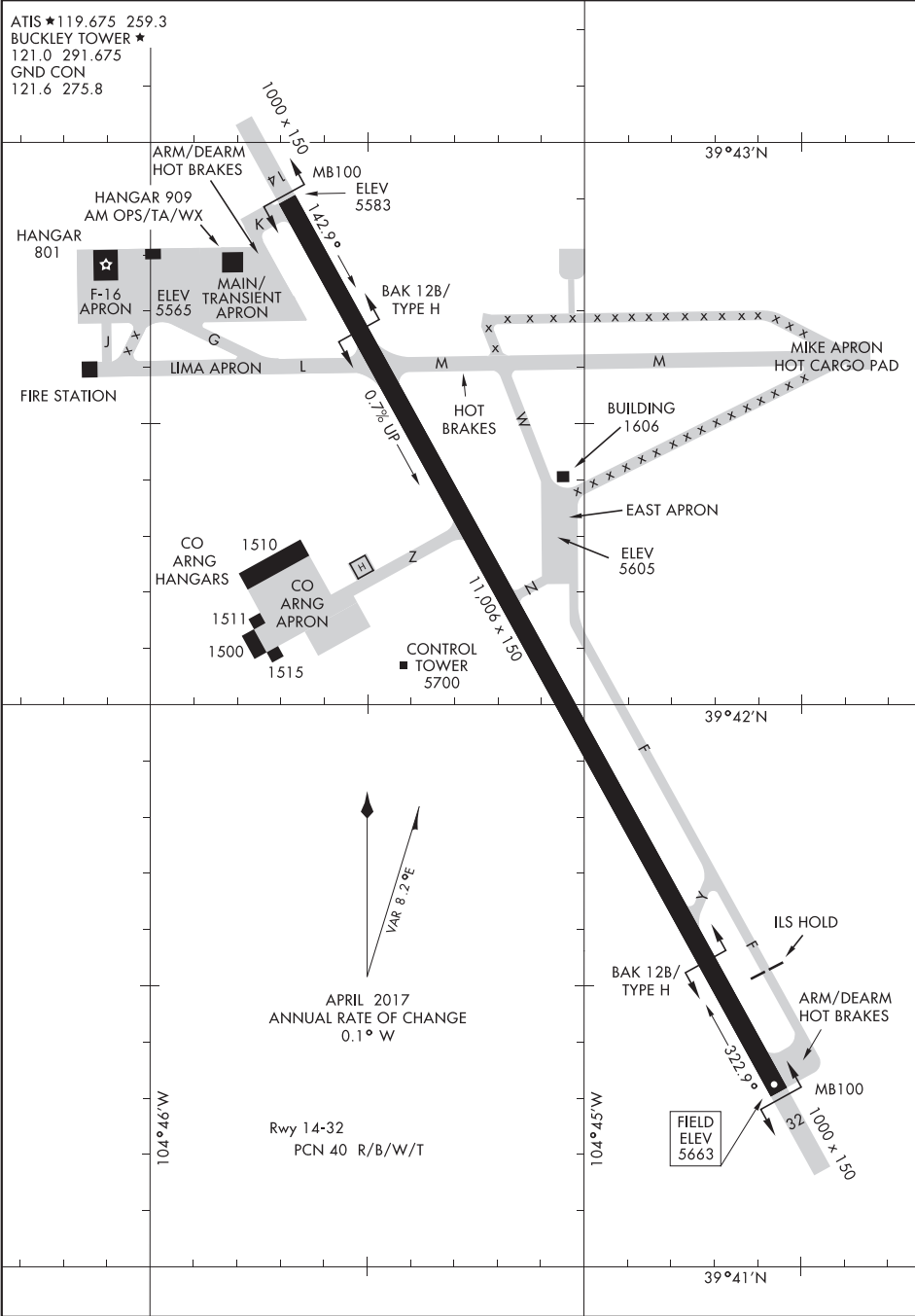
Amtd 3 27APR17

# TACAN RWY 32

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







SW-1, 30 JAN 2020 to 26 MAR 2020

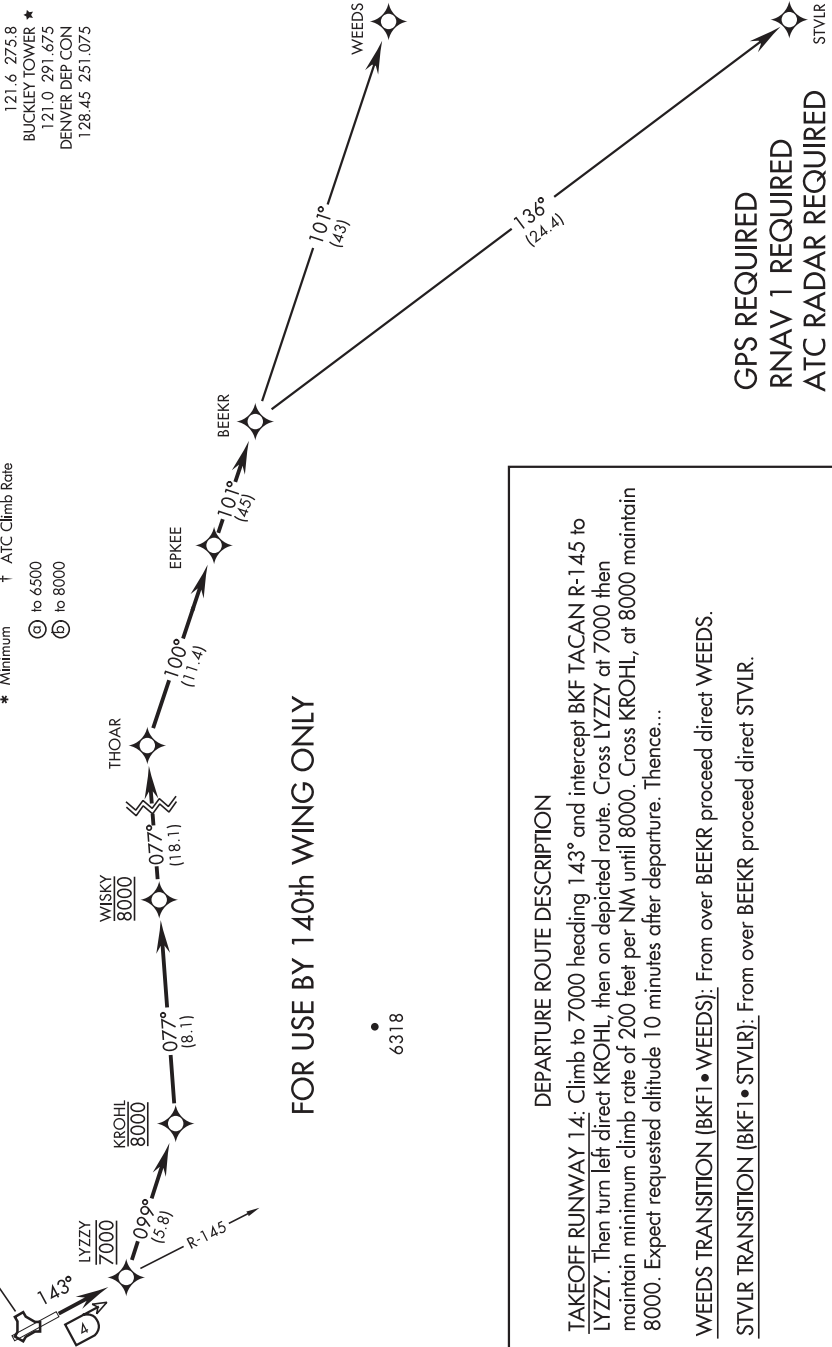
ATIS★ 119.675  
CLNC DEL  
121.6 275.8  
GND CON  
121.6 275.8  
BUCKLEY TOWER★  
121.0 291.675  
DENVER DEP CON  
128.45 251.075

Rwy	Knots	60	120	180	240	300	360
*14 Ⓞ	V/V(fpm)	330	660	990	1320	1650	1980
†14 Ⓞ	V/V(fpm)	478	956	1434	1912	2390	2868

\* Minimum † ATC Climb Rate

Ⓞ to 6500  
Ⓢ to 8000

BUCKLEY  
Chan 33 BKF



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb to 7000 and intercept BKF TACAN R-145 to LYZZY. Then turn left direct KROHL, then on depicted route. Cross LYZZY at 7000 then maintain minimum climb rate of 200 feet per NM until 8000. Cross KROHL at 8000 maintain 8000. Expect requested altitude 10 minutes after departure. Thence...

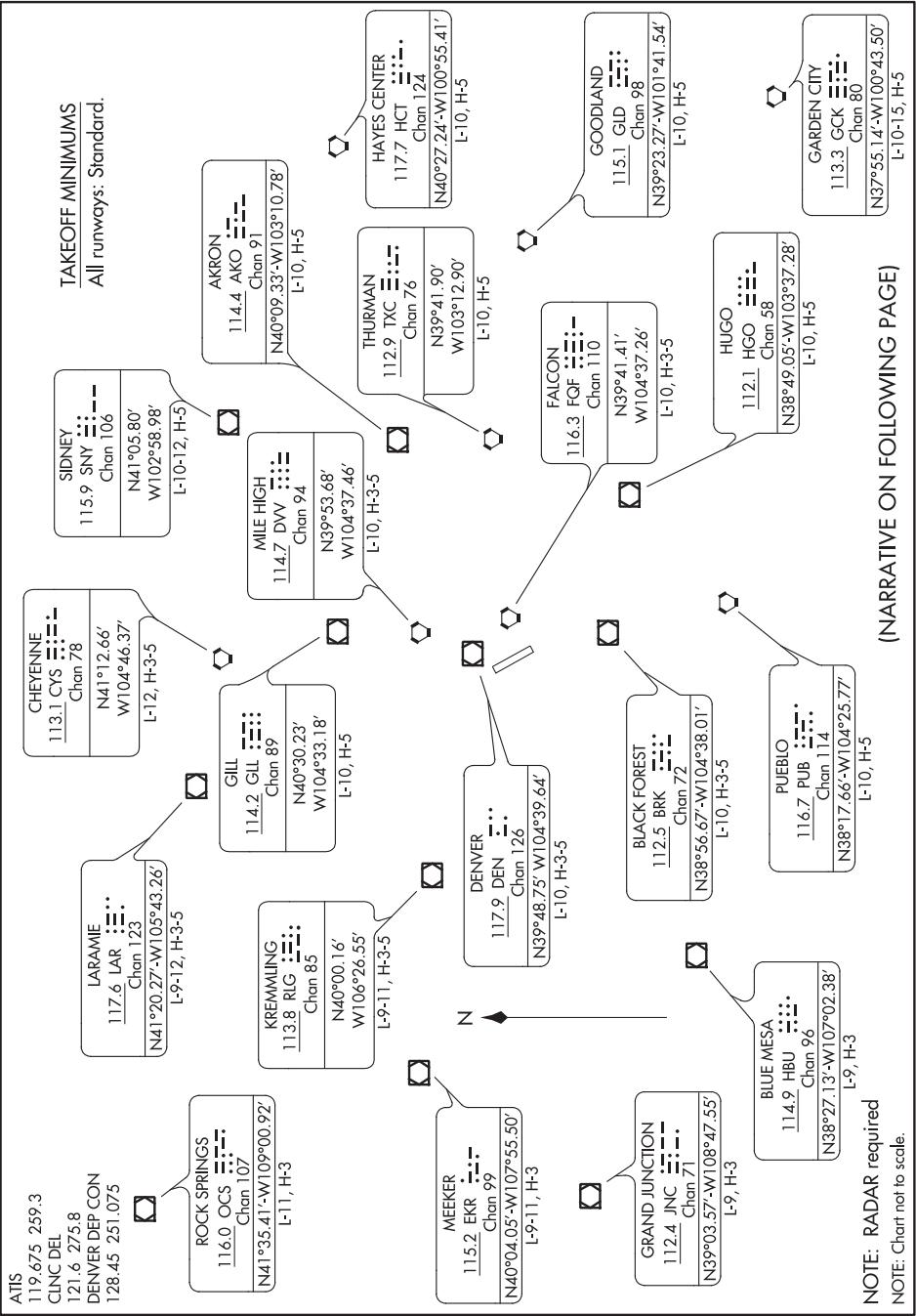
WEEDS TRANSITION (BKF1•WEEDS): From over BEEKR proceed direct WEEDS.

STVLR TRANSITION (BKF1•STVLR): From over BEEKR proceed direct STVLR.

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned route. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

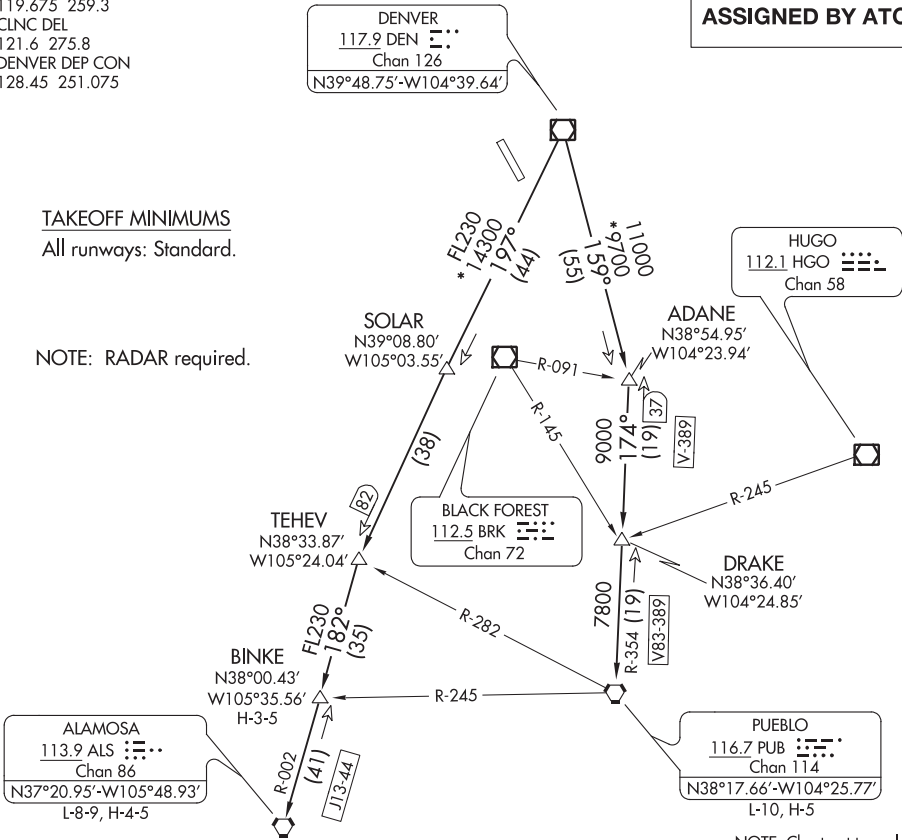


ATIS  
119.675 259.3  
CLNC DEL  
121.6 275.8  
DENVER DEP CON  
128.45 251.075

TOP ALTITUDE:  
ASSIGNED BY ATC

TAKEOFF MINIMUMS  
All runways: Standard.

NOTE: RADAR required.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

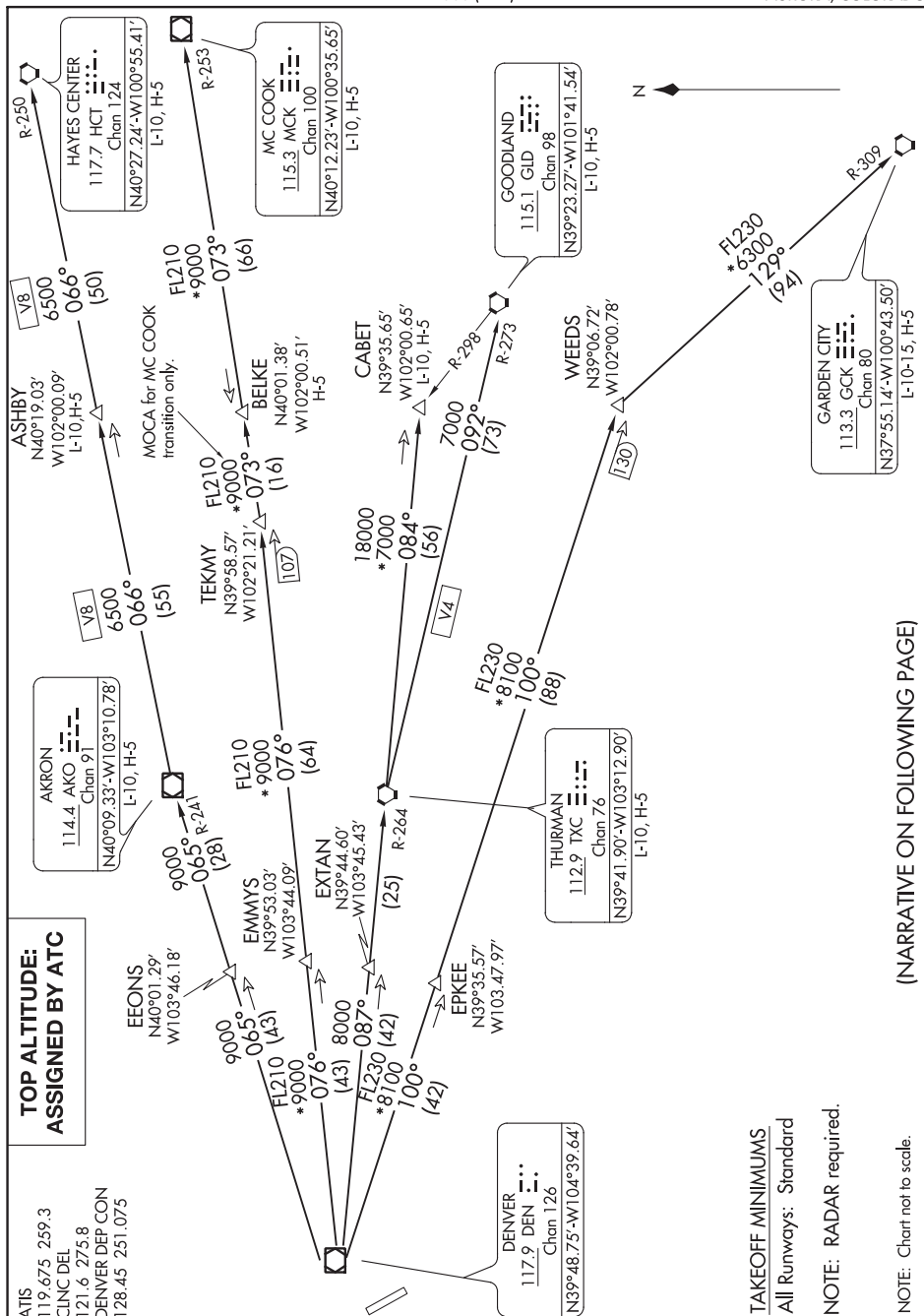
ALAMOSA TRANSITION (PIKES2.ALS): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to ALS VORTAC.

BINKE TRANSITION (PIKES2.BINKE): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to BINKE.

PUEBLO TRANSITION (PIKES2.PUB): From over DEN VOR/DME on DEN R-159 to ADANE, then on PUB R-354 to PUB VORTAC.



SW-1, 30 JAN 2020 to 26 MAR 2020



(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

## PLAINS ONE DEPARTURE

(PLAIN1.DEN) 30JAN20

AURORA, COLORADO  
BUCKLEY AFB (BKF)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

AKRON TRANSITION (PLAIN1.AKO): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME.

ASHBY TRANSITION (PLAIN1.ASHBY): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to ASHBY.

BELKE TRANSITION (PLAIN1.BELKE): From over DEN VOR/DME on DEN R-076 and MCK R-253 to BELKE INT.

CABET TRANSITION (PLAIN1.CABET): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-084 to CABET.

GARDEN CITY TRANSITION (PLAIN1.GCK): From over DEN VOR/DME on DEN R-100 and GCK R-309 to GCK VORTAC.

GOODLAND TRANSITION (PLAIN1.GLD): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-092 and GLD R-273 to GLD VORTAC.

HAYES CENTER TRANSITION (PLAIN1.HCT): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to HCT VORTAC.

MCCOOK TRANSITION (PLAIN1.MCK): From over DEN VOR/DME on DEN R-076 to TEKMY, then on MCK R-253 to MCK VOR/DME.

THURMAN TRANSITION (PLAIN1.TXC): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC.

WEEDS TRANSITION (PLAIN1.WEEDS): From over DEN VOR/DME on DEN R-100 to WEEDS.



**TOP ALTITUDE:  
ASSIGNED BY ATC**

**TAKEOFF MINIMUMS**  
All Runways: Standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

L-9, H-3

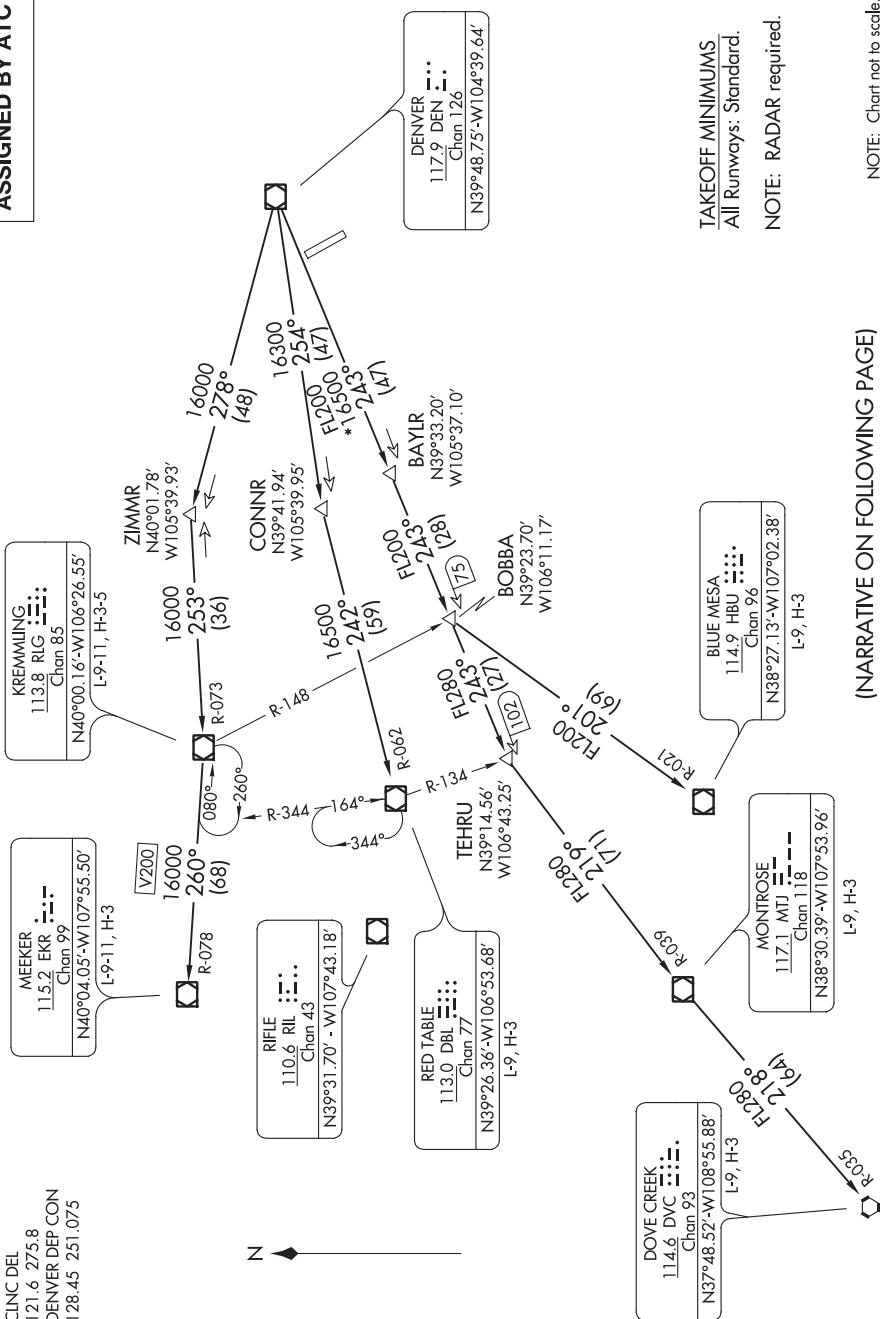
SW-1, 30 JAN 2020 to 26 MAR 2020

ATIS  
119.6  
CLNC  
121.6  
DENV  
128.7

## ROCKIES FOUR DEPARTURE

(ROCKI4.DEN) 13SEP18

AURORA, COLORADO  
BUCKLEY AFB (BKF)







DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

BLUE MESA TRANSITION (ROCKI4.HBU): From over DEN VOR/DME on DEN R-243 and HBU R-021 to HBU VOR/DME.

DOVE CREEK TRANSITION (ROCKI4.DVC): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME, then on MTJ R-218 and DVC R-035 to DVC VORTAC.

KREMMLING TRANSITION (ROCKI4.RLG): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME.

MEEKER TRANSITION (ROCKI4.EKR): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME, then on RLG R-260 and EKR R-078 to EKR VOR/DME.

MONTROSE TRANSITION (ROCKI4.MTJ): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME.

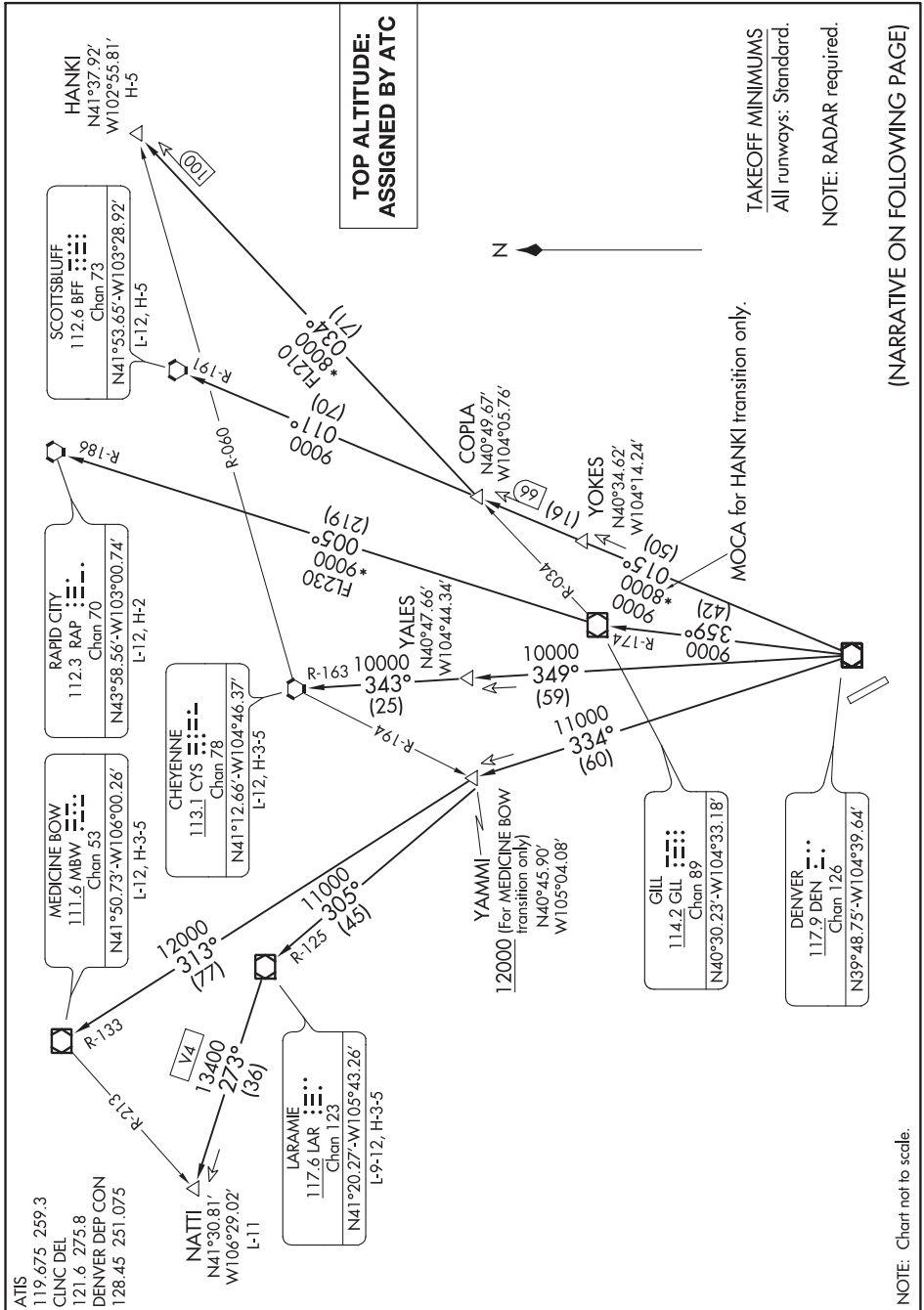
RED TABLE TRANSITION (ROCKI4.DBL): From over DEN VOR/DME on DEN R-254 and DBL R-062 to DBL VOR/DME.



# YELLOWSTONE THREE DEPARTURE

AL-538 (FAA)

BUCKLEY AFB (BKF)  
AURORA, COLORADO



NOTE: Chart not to scale.

SW-1, 30 JAN 2020 to 26 MAR 2020

(NARRATIVE ON FOLLOWING PAGE)

**TAKEOFF MINIMUMS**  
All runways: Standard.

**NOTE:** RADAR required.

NOTE: RADAR required.

AURORA, COLORADO  
BUCKLEY AFB (BKF)

## YELLOWSTONE THREE DEPARTURE

(YELLO3.DEN) 30JAN20

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned transition. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

CHEYENNE TRANSITION (YELLOW3.CYS): From over DEN VOR/DME on DEN R-349 and CYS R-163 to CYS VORTAC.

HANKI TRANSITION (YELLOW3.HANKI): From over DEN VOR/DME on DEN R-015 and GLL R-034 to HANKI.

LARAMIE TRANSITION (YELLOW3.LAR): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME.

MEDICINE BOW TRANSITION (YELLOW3.MBW): From over DEN VOR/DME on DEN R-334 and MBW R-133 to MBW VOR/DME.

NATTI TRANSITION (YELLOW3.NATTI): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME, then on LAR R-273 to NATTI.

RAPID CITY TRANSITION (YELLOW3.RAP): From over DEN VOR/DME on DEN R-359 and GLL R-174 to GLL VOR/DME, then on GLL R-005 and RAP R-186 to RAP VORTAC.

SCOTTSBLUFF TRANSITION (YELLOW3.BFF): From over DEN VOR/DME on DEN R-015 and BFF R-191 to BFF VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



BUENA VISTA, COLORADO

AL-9302 (FAA)

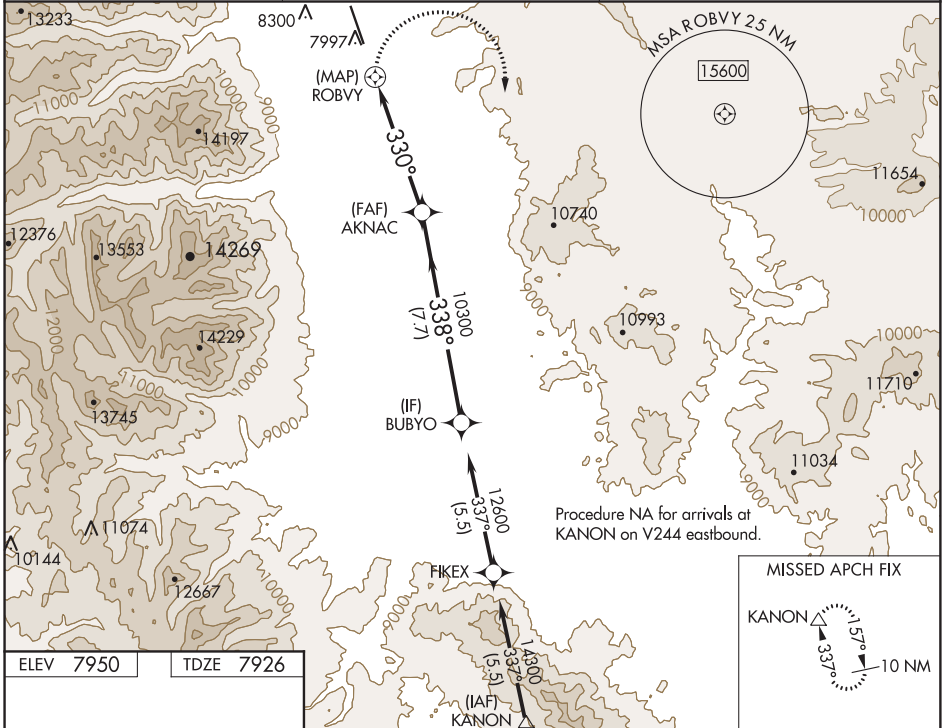
19227

WAAS CH <b>45635</b> <b>W33A</b>	APP CRS <b>330°</b>	Rwy Idg TDZE <b>7926</b> Apt Elev <b>7950</b>	<b>8303</b>
--	------------------------	---	-------------

# **RNAV (GPS) RWY 33** CENTRAL COLORADO RGNL (A.E.J)

<b>NA</b> <b>-17°C</b>	Circling NA northeast of Rwy 15-33. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Salida altimeter setting and increase all MDA 100 feet. VDP NA with Salida altimeter setting. #Missed approach requires minimum climb of 425 feet per NM to 14100.	<b>MISSED APPROACH:</b> Climbing right turn to 16000 direct KANON and hold, continue climb-in-hold to 16000.
---------------------------	--	--

AWOS-3 <b>132.925</b>	DENVER CENTER <b>119.85 363.15</b>	UNICOM <b>122.8 (CTAF) 0</b>
--------------------------	---------------------------------------	---------------------------------



16000 KANON		VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 41).		BUBYO	
*LNAV only.		*1.8 NM to ROBKY		AKNAC	
ROBKY		330°		12600	
1.3		1.8 NM		3.4 NM	
7.7 NM		TCH 41		10300	
CATEGORY		A	B	C	D
#LP	MDA	8960-1½	1034 (1100-1½)	8960-3 1034 (1100-3)	NA
LP	MDA	9840-1½	1914 (1900-1½)	9840-3 1914 (1900-3)	NA
#LNAV	MDA	9300-1½	1374 (1400-1½)	9300-3 1374 (1400-3)	NA
LNAV	MDA	9980-1½	2054 (2100-1½)	9980-3 2054 (2100-3)	NA
CIRCLING		9980-1½	2030 (2100-1½)	9980-3 2030 (2100-3)	NA

BUENA VISTA, COLORADO

Orig-B 31MAR16

38°49'N-106°07'W

CENTRAL COLORADO RGNL (A.E.J)

**RNAV (GPS) RWY 33**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER CENTER  
119.85 363.15  
UNICOM  
122.8 (CTAF)

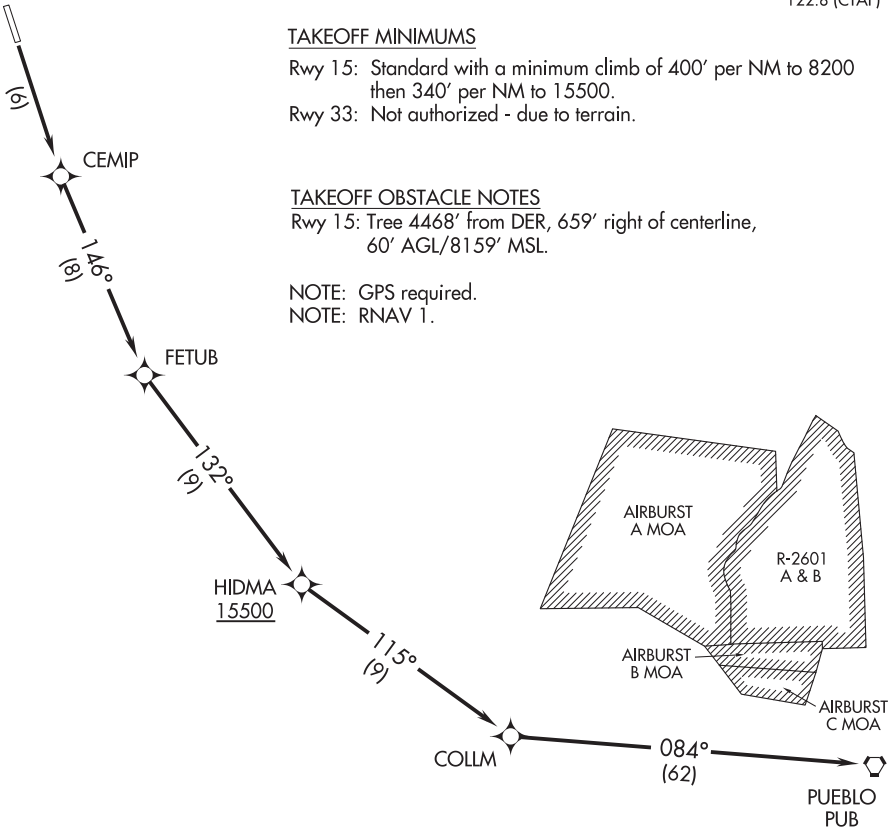
TAKEOFF MINIMUMS

Rwy 15: Standard with a minimum climb of 400' per NM to 8200 then 340' per NM to 15500.  
Rwy 33: Not authorized - due to terrain.

TAKEOFF OBSTACLE NOTES

Rwy 15: Tree 4468' from DER, 659' right of centerline, 60' AGL/8159' MSL.

NOTE: GPS required.  
NOTE: RNAV 1.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb direct CEMIP WP, then via 146° track to FETUB WP then via 132° track to cross HIDMA WP at or above 15500', then via depicted route to PUB VORTAC.

TAKEOFF RUNWAY 33: Not authorized.



BURLINGTON, COLORADO

AL-6895 (FAA)

18032

WAAS CH <b>72999</b> <b>W15A</b>	APP CRS <b>154°</b>	Rwy Idg <b>5199</b> TDZE <b>4218</b> Apt Elev <b>4218</b>
--	------------------------	---

# RNAV (GPS) RWY 15

KIT CARSON COUNTY (ITR)

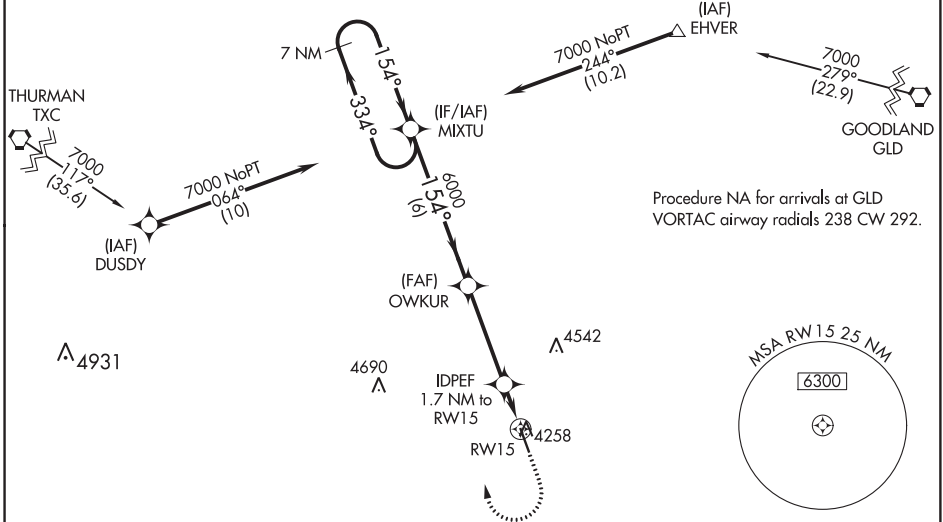


For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 53°C (127°F). DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 4700 then climbing right turn to 7000 direct MIXTU and hold.

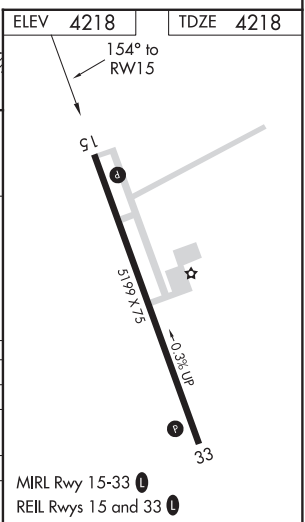
ASOS <b>135.225</b>	DENVER CENTER <b>132.7 226.675</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	---------------------------------------	---------------------------------

Procedure NA for arrival at TXC VORTAC airway radials 055 CW 188.



Procedure NA for arrivals at GLD VORTAC airway radials 238 CW 292.

7 NM Holding Pattern		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 31).		COUGAR MOA	
GP 3.00° TCH 40		MIXTU		4700 7000 MIXTU	
334° 154°		OWKUR		* LNAV only	
6000		IDPEF 1.7 NM to RWY 15		* 0.9 NM to RWY 15	
6000		* 4800		RWY 15	
6 NM		3.8 NM		0.9 NM	
CATEGORY	A	B	C	D	
LPV DA		4468-1	250 (300-1)		
LNAV/VNAV DA		4468-1	250 (300-1)		
LNAV MDA		4520-1	302 (400-1)		
CIRCLING	4580-1 362 (400-1)	4680-1 462 (500-1)	4860-1¾ 642 (700-1¾)	4860-2 642 (700-2)	



BURLINGTON, COLORADO

Amdt 1 01FEB18

39°15'N-102°17'W

# RNAV (GPS) RWY 15

MIRL Rwy 15-33 0  
REIL Rwy 15 and 33 0

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



BURLINGTON, COLORADO

AL-6895 (FAA)

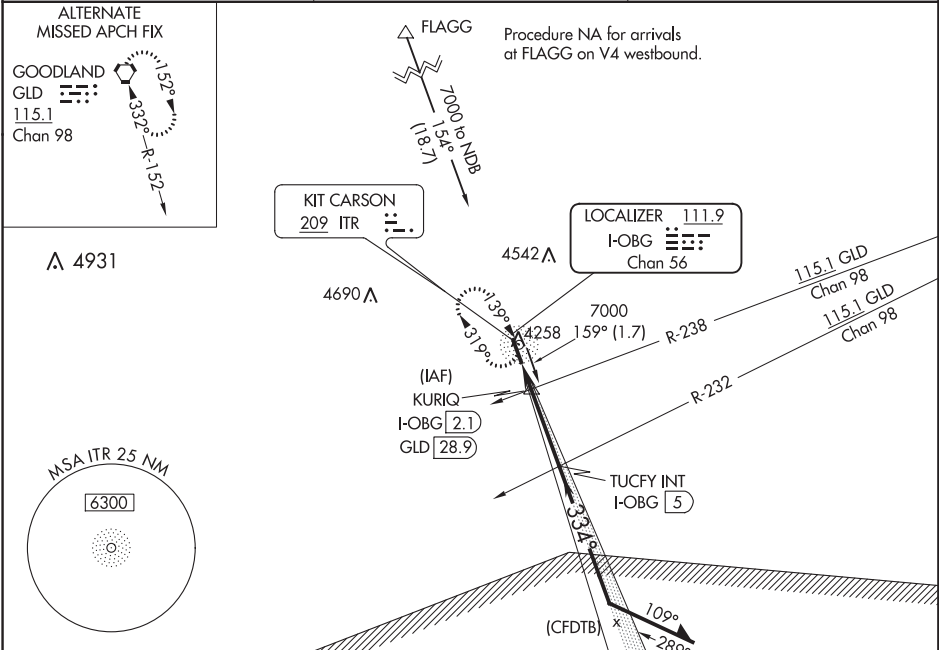
18032

LOC/DME I-OBG <b>111.9</b> Chan <b>56</b>	APP CRS <b>334°</b>	Rwy Idg TDZE Apt Elev	<b>5199</b> <b>4205</b> <b>4218</b>
---	------------------------	-----------------------------	---

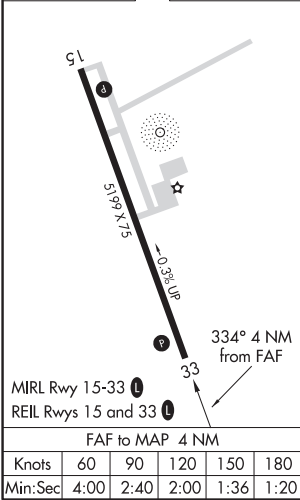
**LOC RWY 33**  
KIT CARSON COUNTY (ITR)

<b>ADF required.</b>	MISSED APPROACH: Climb to 7000 direct ITR NDB and hold, continue climb-in-hold to 7000.
----------------------	---

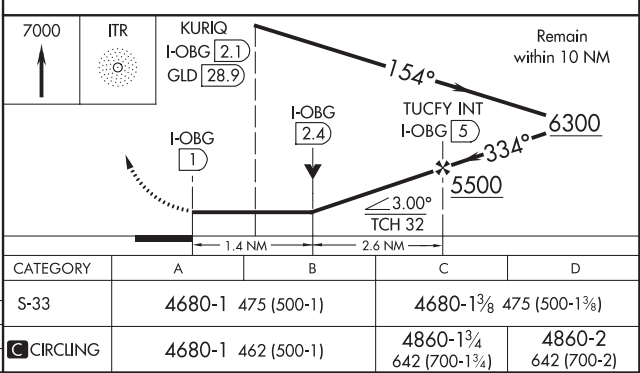
ASOS <b>135.225</b>	DENVER CENTER <b>132.7 226.675</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	---------------------------------------	---------------------------------



ELEV 4218	TDZE 4205
-----------	-----------



**ADF or DME REQUIRED**





BURLINGTON, COLORADO

AL-6895 (FAA)

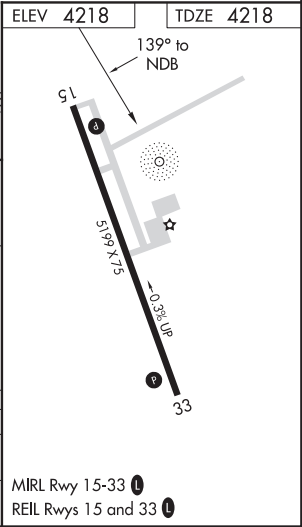
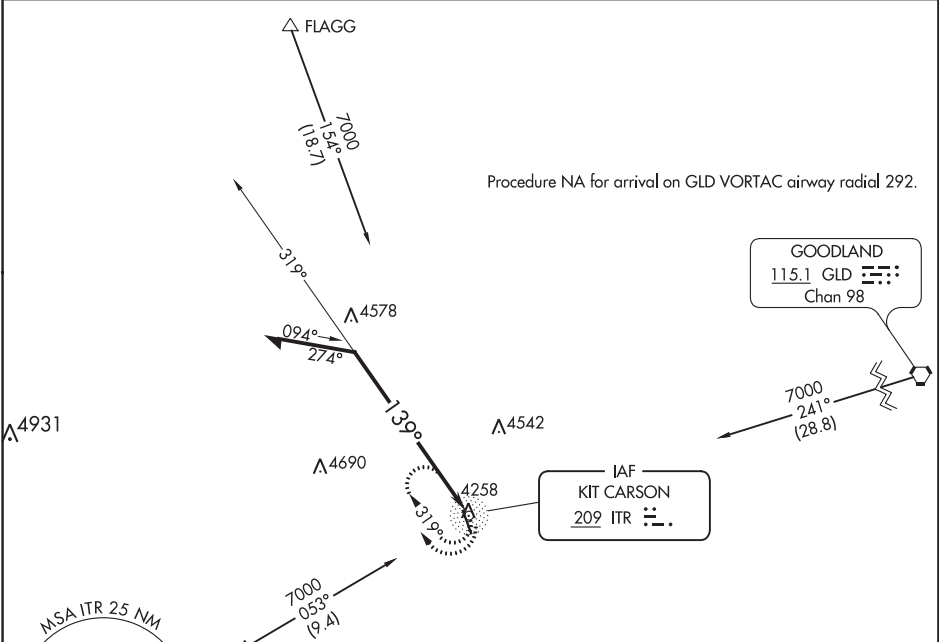
18032

NDB ITR <b>209</b>	APP CRS <b>139°</b>	Rwy Idg TDZE Apt Elev	<b>5199</b> <b>4218</b> <b>4218</b>
-----------------------	------------------------	-----------------------------	---

**NDB RWY 15**  
KIT CARSON COUNTY (ITR)

MISSED APPROACH: Climbing right turn to 7000 in ITR NDB holding pattern, continue climb-in-hold to 7000.

ASOS <b>135.225</b>	DENVER CENTER <b>132.7 226.675</b>	UNICOM <b>122.8 (CTAF) 1</b>
------------------------	---------------------------------------	---------------------------------



CATEGORY	A	B	C	D
S-15	4940-1	722 (800-1)	4940-2	722 (800-2)
CIRCLING	4940-1	722 (800-1)	4940-2 722 (800-2)	4940-2 1/4 722 (800-2 1/4)

BURLINGTON, COLORADO  
Amdt 2 01FEB18

39°15'N-102°17'W

KIT CARSON COUNTY (ITR)  
**NDB RWY 15**

SW-1, 30 JAN 2020 to 26 MAR 2020

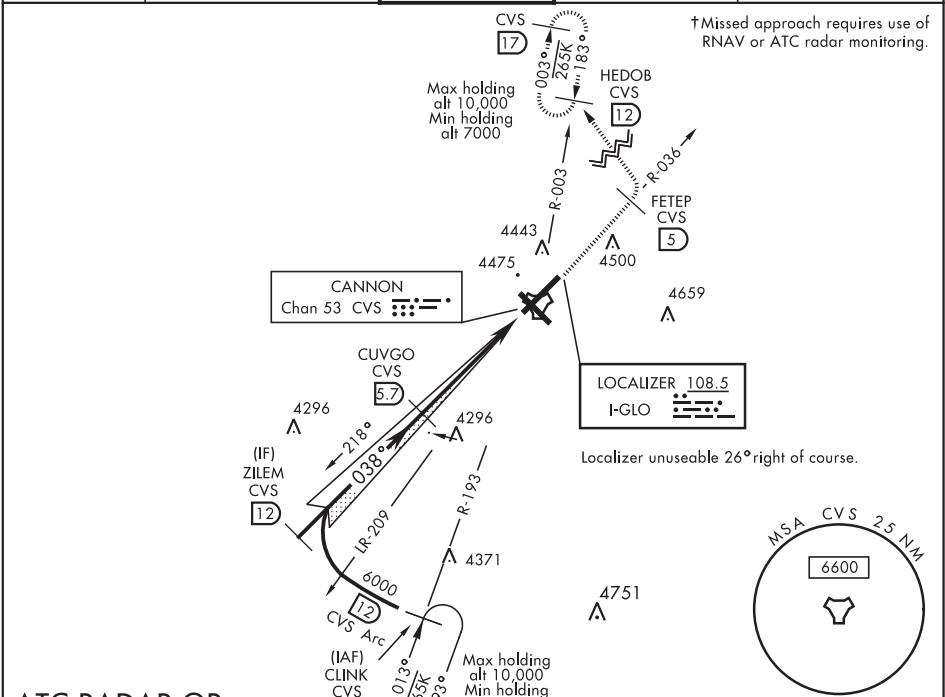
SW-1, 30 JAN 2020 to 26 MAR 2020



CLOVIS, NEW MEXICO

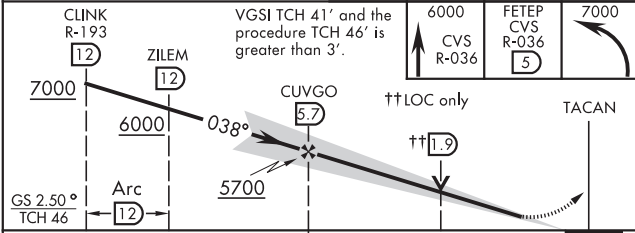
ILS or LOC RWY 4

LOC I-GLO <b>108.5</b>	APCH CRS <b>038°</b>	Rwy Idg <b>10,003</b> TDZE <b>4284</b> Arpt Elev <b>4295</b>	AL-512 [USAF]	CANNON AFB (KCVS)
*When ALS inop, increase all CAT RVR to 40 and vis to ¾ miles. **When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE RVR to 60 and vis to 1½ miles.			ALSF-1	† MISSED APPROACH: Climb to 6000 out CVS TACAN R-036 to 5 DME (FETEP) turning left climb to 7000 intcp CVS R-003 to 12 DME (HEDOB) and hold.
ATIS <b>119.1 269.9</b>	CANNON APP CON <b>118.425 352.1</b>	CANNON TOWER <b>120.4 270.25</b>	GND CON <b>121.9 275.8</b>	CLNC DEL <b>120.2 293.225</b>

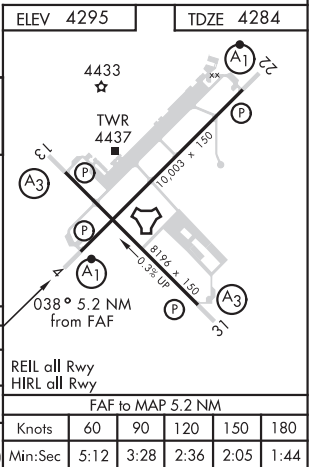


ATC RADAR OR DME REQUIRED

EMERG SAFE ALT 100 NM 9000



CATEGORY	A	B	C	D	E
S-ILS 4 *	4484/24	200	(200-½)		
S-LOC 4 **	4680/24 396 (400-½)	4680/35 396 (400-¾)			
CIRCLING	4840-1 545 (600-1)	4860-1½ 565 (600-1½)	5000-2¼ 705 (800-2¼)	5020-2½ 725 (800-2½)	



CLOVIS, NEW MEXICO

Amdt 4 11OCT18

34°23'N-103°19'W

CANNON AFB (KCVS)

ILS or LOC RWY 4

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



CLOVIS, NEW MEXICO

LOC I-OVI <b><u>110.35</u></b>	APCH CRS <b>128°</b>	Rwy Idg <b>8196</b> TDZE <b>4293</b> Arpt Elev <b>4295</b>
-----------------------------------	-------------------------	--

AL-512 [USAF]

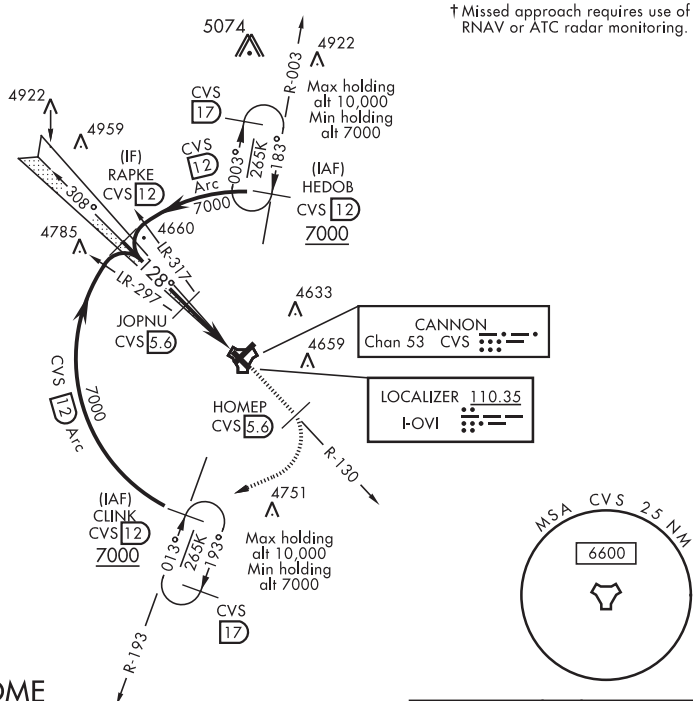
CANNON AFB (KCVS)

**T** \* When ALS inop, increase vis to  $\frac{3}{4}$  mile.  
 \*\* When ALS inop, increase CAT AB vis to 1 mile;  
 CAT CDE vis to  $1\frac{3}{8}$  miles.

SSALR  
A<sub>3</sub>

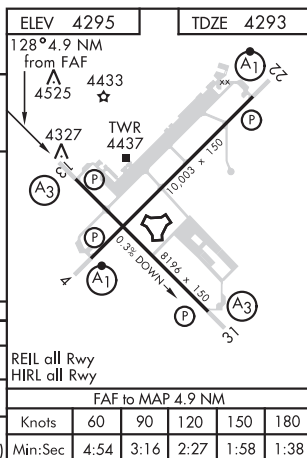
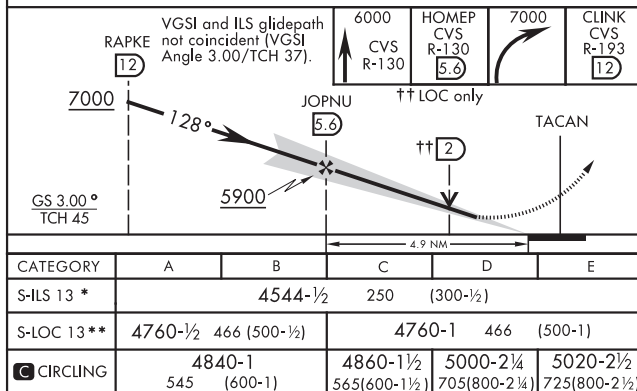
† MISSED APPROACH: Climb to 6000 out CVS TACAN R-130 5.6 DME (HOMEP) then climbing right turn to 7000 intercept CVS R-193 to 12 DME (CLINK) and hold.

ATIS 119.1 269.9	CANNON APP CON 118.425 352.1	CANNON TOWER 120.4 270.25	GND CON 121.9 275.8	CLNC DEL 120.2 293.225
---------------------	---------------------------------	------------------------------	------------------------	---------------------------



ATC RADAR or DME  
REQUIRED

EMERG SAFE ALT 100 NM 8000



CLOVIS, NEW MEXICO

34°23'N-103°19'W

CANNON AFB (KCVS)

Amdt 4 30JAN20

ILS or LOC RWY 13

SW-1, 30 JAN 2020 to 26 MAR 2020

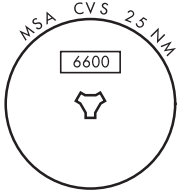
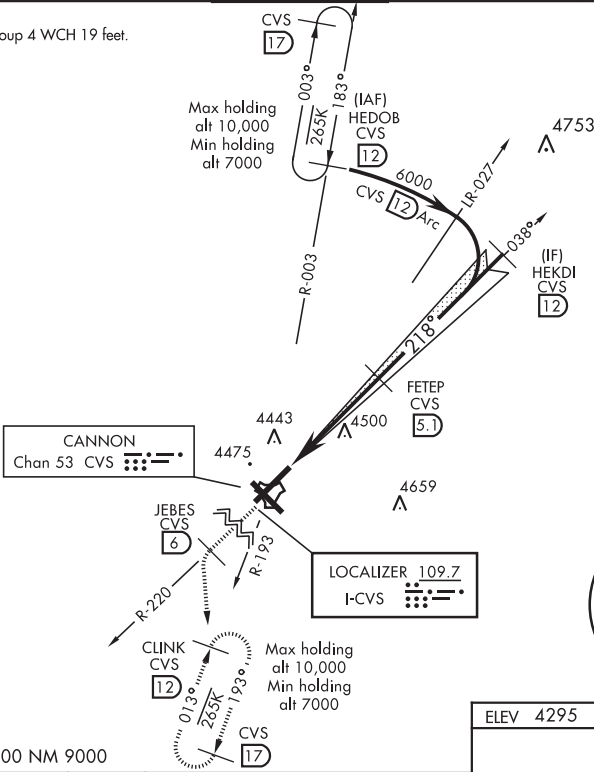
SW-1, 30 JAN 2020 to 26 MAR 2020



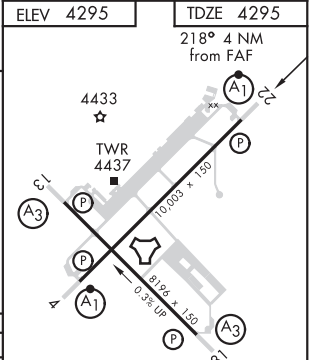
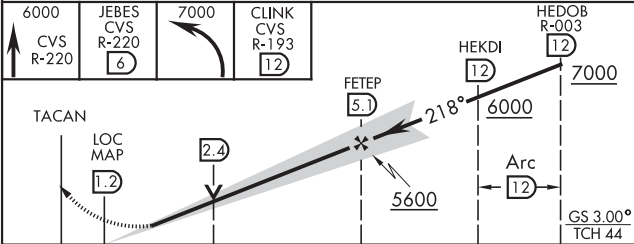
ILS or LOC RWY 22

LOC I-CVS <b>109.7</b>	APCH CRS <b>218°</b>	Rwy Idg <b>10,003</b> TDZE <b>4295</b> Arpt Elev <b>4295</b>	AL-512 [USAF]	CANNON AFB (KCVS)
* When ALS inop, increase CAT ABCDE RVR to 40 and vis to ¾ miles. ** When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1 ¼ miles.			ALSF-1	MISSED APPROACH: Climb to 6000 out CVS TACAN R-220 to 6 DME (JEBES) then turn left climbing to 7000 intercept CVS R-193 to 12 DME (CLINK) and hold.
ATIS <b>119.1 269.9</b>	CANNON APP CON <b>118.425 352.1</b>	CANNON TOWER <b>120.4 270.25</b>	GND CON <b>121.9 275.8</b>	CLNC DEL <b>120.2 293.225</b>

CAUTION:  
1. ILS Rwy 22 Height Group 4 WCH 19 feet.



EMERG SAFE ALT 100 NM 9000



CATEGORY	A	B	C	D	E
S-ILS 22*	4495/24		200	(200-½)	
S-LOC 22**	4720/24 425 (500-½)		4720/40 425 (500-¾)		
C CIRCLING	4840-1 545 (600-1)	4860-1½ 565 (600-1½)		5000-2¼ 705 (800-2¼)	5020-2½ 725 (800-2½)

REIL all Rwy HIRL all Rwy					
FAF to MAP 4 NM					
Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

ILS or LOC RWY 22


SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

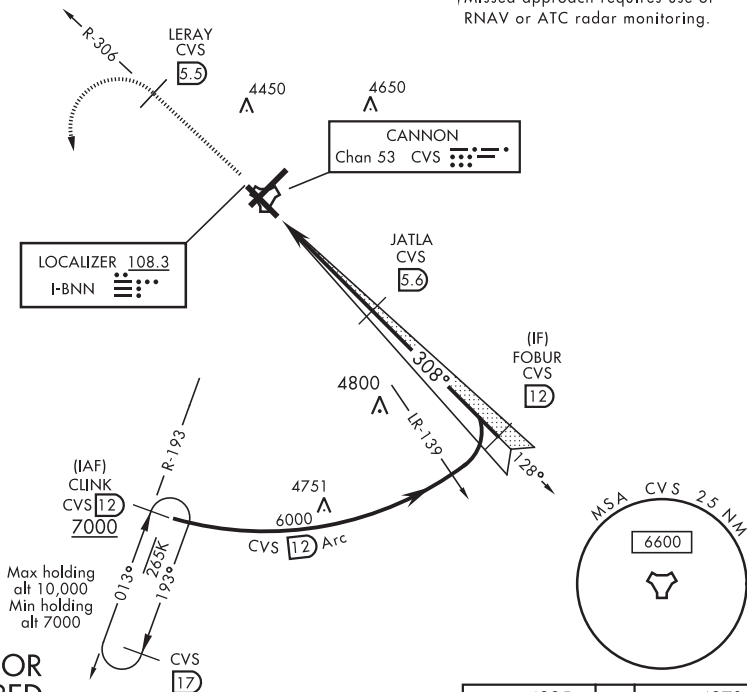


CLOVIS, NEW MEXICO

ILS or LOC RWY 31

LOC I-BNN <b>108.3</b>	APCH CRS <b>308°</b>	Rwy Idg <b>8196</b> TDZE <b>4270</b> Arpt Elev <b>4295</b>	AL-512 [USAF]	CANNON AFB (KCVS)
<b>▼</b> * When ALS inop, increase CAT ABCDE vis to $\frac{3}{4}$ mile. ** When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to $1\frac{1}{2}$ miles.			SSALR 	† MISSED APPROACH: Climb to 6000 out CVS TACAN R-306 to 5.5 DME (LERAY) then turn left climbing to 7000 intercept CVS R-193 to 12 DME (CLINK) and hold.
ATIS <b>119.1 269.9</b>	CANNON APP CON <b>118.425 352.1</b>	CANNON TOWER <b>120.4 270.25</b>	GND CON <b>121.9 275.8</b>	CLNC DEL <b>120.2 293.225</b>

†Missed approach requires use of RNAV or ATC radar monitoring.



ATC RADAR OR  
DME REQUIRED

EMERG SAFE ALT 100 NM 9000

Figure 1 illustrates a 3D visualization of a flight path. The left diagram shows a 2D projection of the path from TACAN to JATLA, with a heading of 308° and a distance of 4.9 NM. The right diagram shows a 3D visualization of the same path, including altitude and speed information.

CLOVIS, NEW MEXICO

34°23'N-103°19'W

CANNON AFB (KCVS)

Amdt 4 16AUG18

ILS or LOC RWY 31

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



CLOVIS, NEW MEXICO

RNAV (GPS) RWY 4

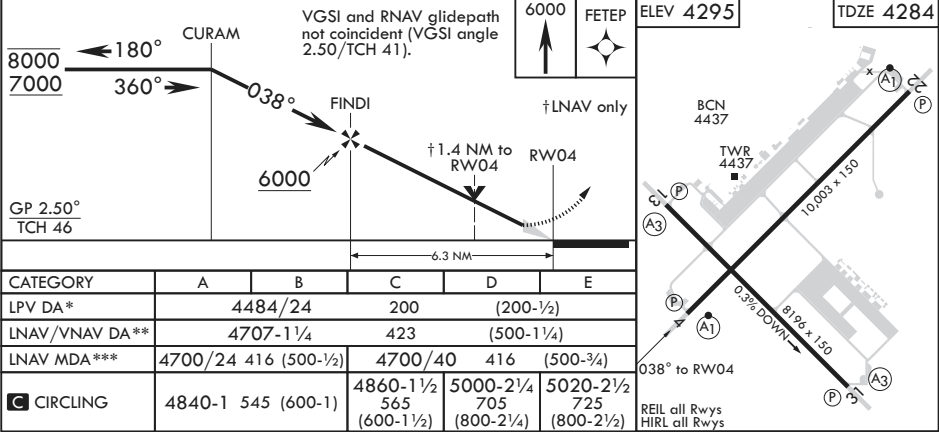
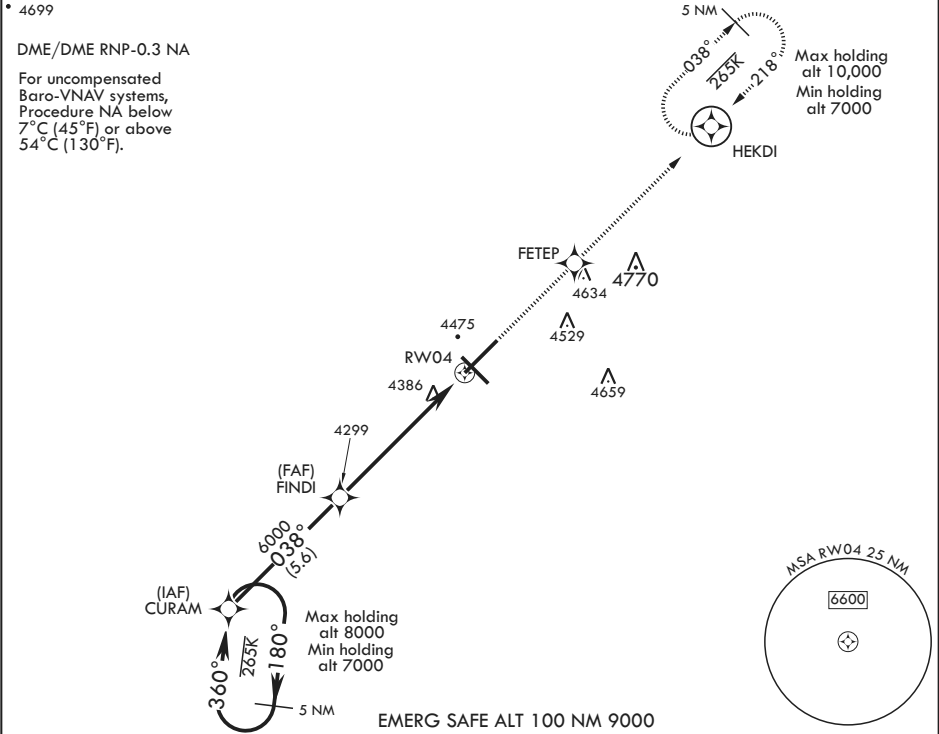
WAAS CH 41172 W04A	APCH CRS 038°	Rwy Idg TDZE Arpt Elev	10,003 4284 4295
--------------------------	------------------	------------------------------	------------------------

AL-512 (USAF)

CANNON AFB (KCVS)

<b>⚠</b> * When ALS inop, increase CAT ABCDE RVR to 40, vis to 3/4 mile. ** When ALS inop increase Cat ABCDE vis to 1 3/4 miles. *** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE RVR to 60, vis to 1 1/8 miles.	ALSF-1 	MISSED APPROACH: Climb to 6000 direct FETEP then climbing to 7000 track to HEKDI and hold.
--	------------	--

ATIS 119.1 269.9	CANNON APP CON 118.425 352.1	TOWER 120.4 270.25	GND CON 121.9 275.8	CLNC DEL 120.2 293.225
---------------------	---------------------------------	-----------------------	------------------------	---------------------------



CLOVIS, NEW MEXICO

Amdt 3 10OCT19

34°23'N - 103°19'W

CANNON AFB (KCVS)

RNAV (GPS) RWY 4



CLOVIS, NEW MEXICO

## RNAV (GPS) RWY 13

APCH CRS <b>128°</b>	Rwy Idg <b>8196</b>
	THRE <b>4293</b>
	Arpt Elev <b>4295</b>

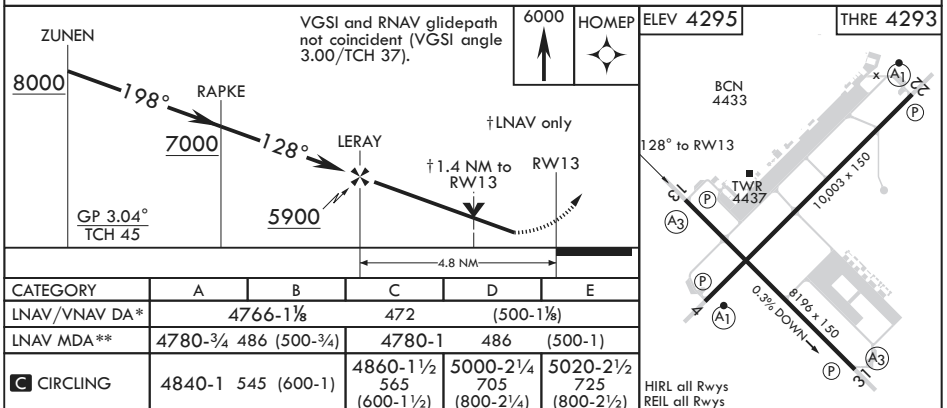
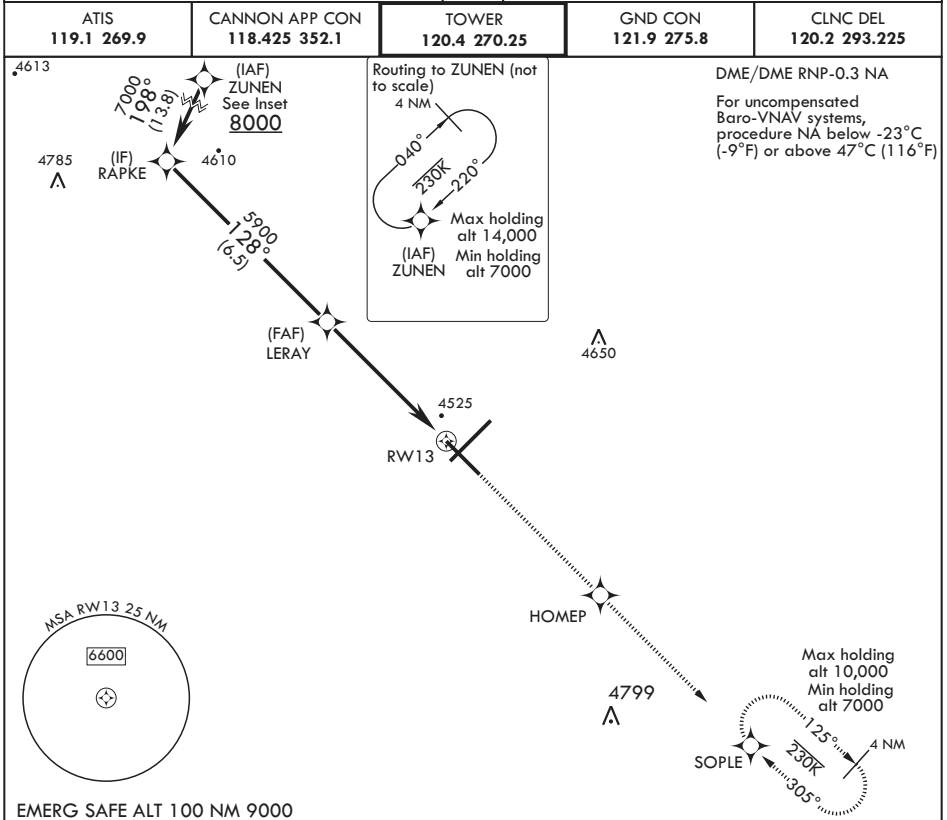
AL-512 (USAF)

CANNON AFB (KCVS)

▼ \* When ALS inop increase CAT ABCDE vis to 1 5/8 miles.  
 \*\* When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1 3/8 miles.



MISSSED APPROACH: Climb to 6000 direct HOMEP then climb to 7000 direct SOPLE and hold.



CLOVIS, NEW MEXICO

34°23'N - 103°19'W

CANNON AFB (KCVS)

Amdt 3 10OCT19

## RNAV (GPS) RWY 13

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



CLOVIS, NEW MEXICO

RNAV (GPS) RWY 22

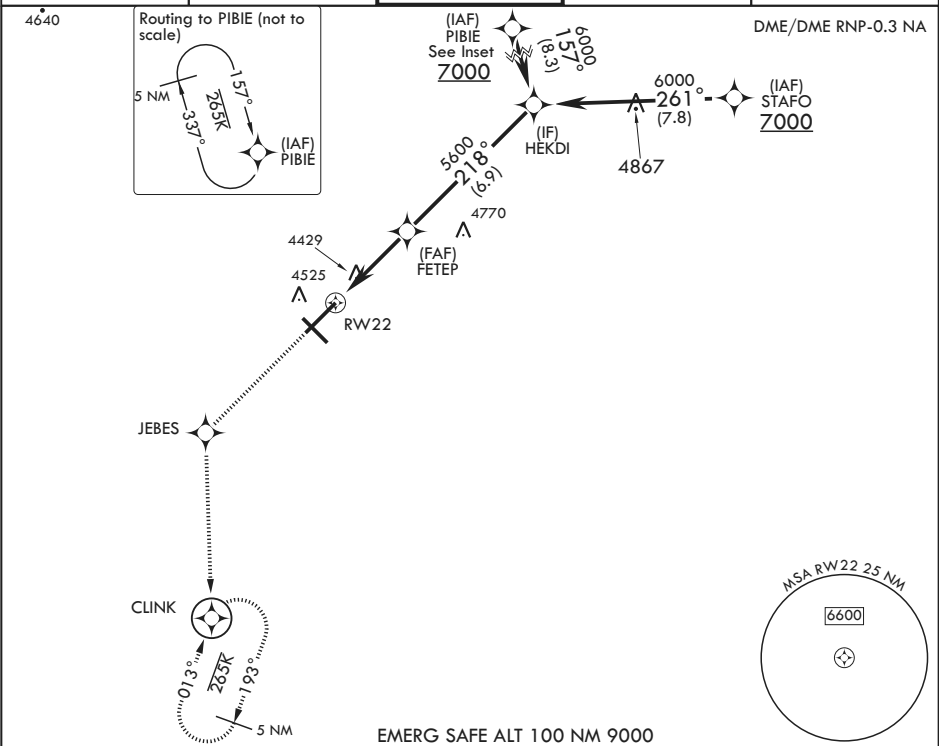
WAAS CH 41173 W22A	APCH CRS 218°	Rwy ldg TDZE Arpt Elev	10,003 4295 4295
--------------------------	------------------	------------------------------	------------------------

AL-512 (USAF)

CANNON AFB (KCVS)

<p>▼ * When ALS inop, increase CAT ABCDE RVR to 40, vis to 3/4 mile. ** When ALS inop, increase CAT ABCDE vis to 1 1/2 miles. *** When ALS inop, increase CAT AB RVR to 55, vis to 1 1/8 mile; CAT CDE vis to 1 1/4 miles.</p>	ALSF-1 	MISSED APPROACH: Climb to 6000 direct JEBES, then track 171° climbing to 7000 to CLINK and hold.
--	------------	--

ATIS 119.1 269.9	CANNON APP CON 118.425 352.1	TOWER 120.4 270.25	GND CON 121.9 275.8	CLNC DEL 120.2 293.225
---------------------	---------------------------------	-----------------------	------------------------	---------------------------



6000 ↑	JEBES tr 171°	7000 tr 171°	CLINK	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 38).	HEKDI	ELEV 4295	TDZE 4295
<p>† LNAV only</p> <p>RW22</p> <p>† 1.2 NM to RW22</p> <p>3.9 NM</p> <p>GP 3.03° TCH 44</p> <p>6000</p> <p>218°</p> <p>5600</p> <p>FETEP</p> <p>BCN 4433</p> <p>TWR 4437</p> <p>10003 x 150</p> <p>8196 x 150</p> <p>0.3% UP</p> <p>REIL all Rws</p> <p>HIRL all Rws</p>							
CATEGORY	A	B	C	D	E		
LPV DA*	4495/24		200	(200-1/2)			
LNAV/VNAV DA**	4756/55		461	(500-1 1/2)			
LNAV MDA***	4720/24 425 (500-1/2)		4720/40 425 (500-3/4)				
CIRCLING	4840-1 545 (600-1)		4860-1 1/2 565 (600-1 1/2)	5000-2 1/4 705 (800-2 1/4)	5020-2 1/2 725 (800-2 1/2)		

CLOVIS, NEW MEXICO

34°23'N - 103°19'W

CANNON AFB (KCVS)

Amtr 4 10OCT19

RNAV (GPS) RWY 22

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



CLOVIS, NEW MEXICO

# RNAV (GPS) RWY 31

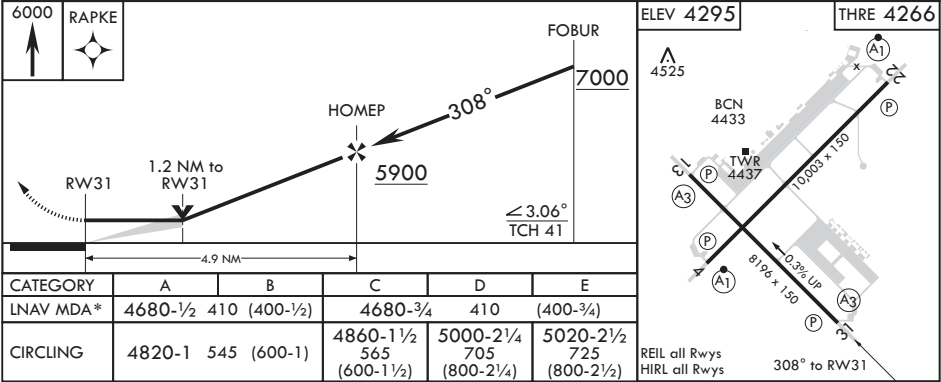
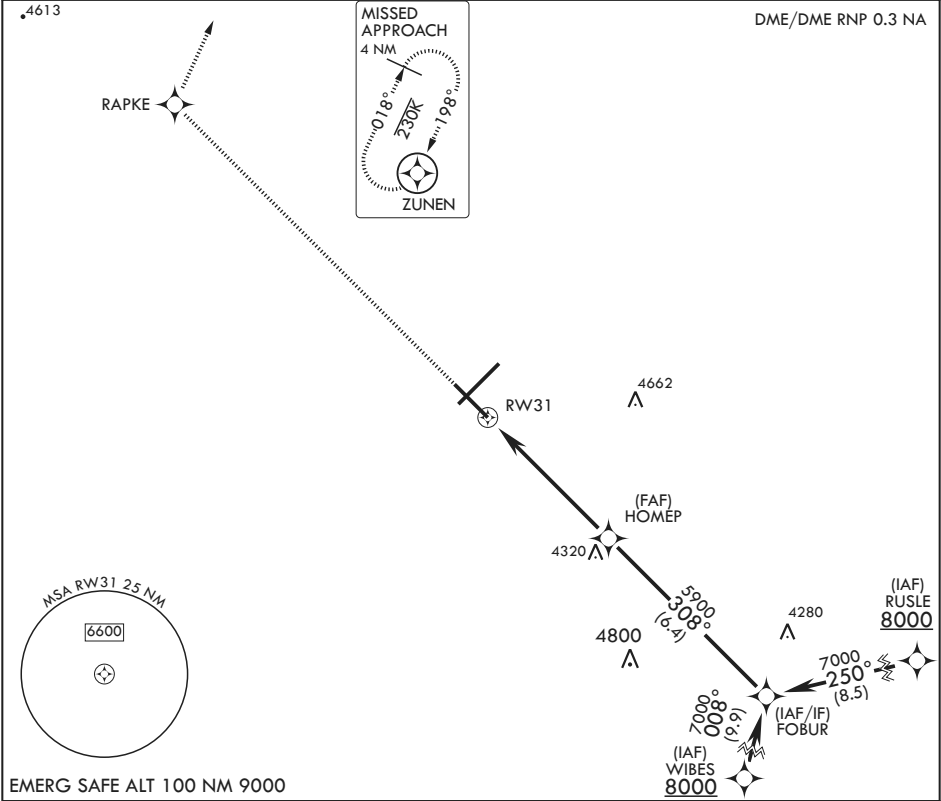
APCH CRS	Rwy Idg	8196
308°	THRE	4266
	Arpt Elev	4295

AL-512 (USAF)

CANNON AFB (KCVS)

<b>▼</b> * When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1 1/8 miles.	SSALR A3	MISSED APPROACH: Climb to 6000 direct RAPKE, then turn right to ZUNEN and climb to 7000 and hold.
--	-------------	---

ATIS 119.1 269.9	CANNON APP CON 118.425 352.1	TOWER 120.4 270.25	GND CON 121.9 275.8	CLNC DEL 120.2 293.225
---------------------	---------------------------------	-----------------------	------------------------	---------------------------



CLOVIS, NEW MEXICO

34°23'N - 103°19'W

CANNON AFB (KCVS)

Amdt 3 10OCT19

# RNAV (GPS) RWY 31

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



CLOVIS, NEW MEXICO

# TACAN RWY 4

TACAN CVS Chan <b>53</b>	APCH CRS <b>048°</b>	Rwy Idg <b>10,003</b> TDZE <b>4284</b> Arpt Elev <b>4295</b>
-----------------------------	-------------------------	--

AL-512 (USAF)

CANNON AFB (KCVS)

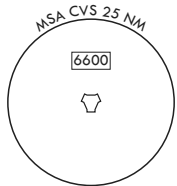
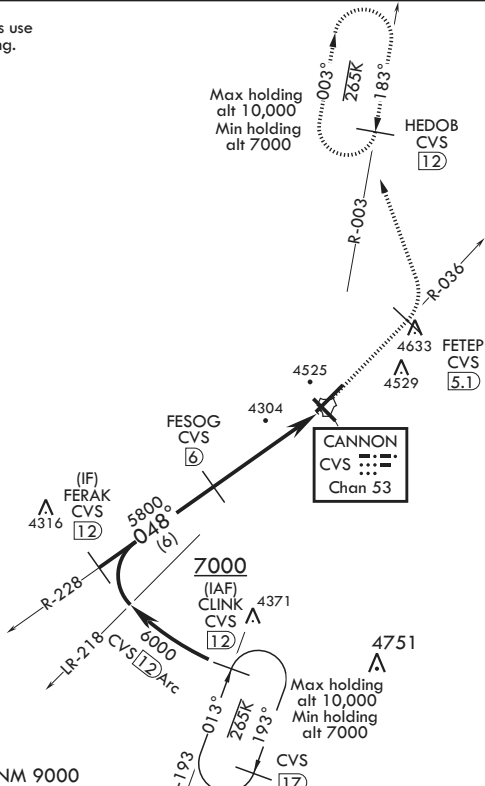
**T** \* When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE RVR to 60, vis to 1 1/8 miles.

ALSF-1

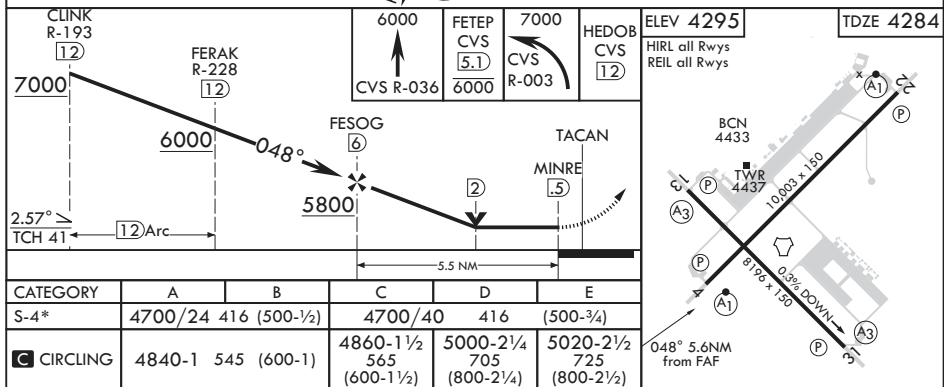
**MISSED APPROACH:** Climb to 6000 via CVS TACAN R-036 to 5.1 DME (FETEP), cross FETEP at or below 6000, then turn left climbing to 7000 to intercept CVS TACAN R-003 to 12 DME (HEDOB) and hold..

ATIS 119.1 269.9	CANNON APP CON 118.425 352.1	TOWER 120.4 270.25	GND CON 121.9 275.8	CLNC DEL 120.2 293.225
---------------------	---------------------------------	-----------------------	------------------------	---------------------------

4741 Missed approach requires use  
of RNAV or ATC monitoring.



EMERG SAFE ALT 100 NM 9000



CLOVIS, NEW MEXICO

34°23'N - 103°19'W

CANNON AFB (KCVS)

Amdt 3 10OCT19

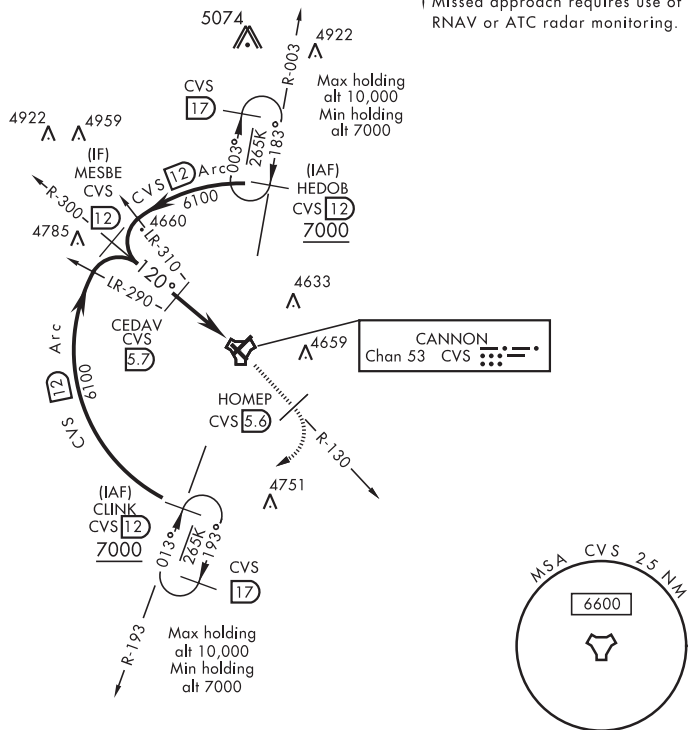
# TACAN RWY 4



CLOVIS, NEW MEXICO

TACAN RWY 13

TACAN CVS Chan <b>53</b>	APCH CRS <b>120°</b>	Rwy Idg TDZE <b>4293</b> Arpt Elev <b>4295</b>	AL-512 [USAF]	CANNON AFB (KCVS)
<b>▼</b> * When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1½ miles.			SSALR (A3)	<b>† MISSED APPROACH:</b> Climb to 6000 out CVS TACAN R-130 to 5.6 DME (HOMEP) then turn right climbing to 7000 intercept CVS R-193 to 12 DME (CLINK) and hold.
ATIS <b>119.1 269.9</b>	CANNON APP CON <b>118.425 352.1</b>	CANNON TOWER <b>120.4 270.25</b>	GND CON <b>121.9 275.8</b>	CLNC DEL <b>120.2 293.225</b>



EMERG SAFE ALT 100 NM 9000

EMERG SAFE ALT 100 NM 9000

ELEV 4295		TDZE 4293			
MESBE R-300 12	6100	6000 CVS R-130	HOMEP CVS R-130 5.6	7000 CLINK CVS R-193 12	
3.13° TCH 37	120°	CEDAV 5.7	2.1 HASRU 7	TACAN	
		5 NM			
		1 NM			
CATEGORY	A	B	C	D	E
S-13*	4800-¾	506 (600-¾)	4800-1	506	(600-1)
CIRCLING	4840-1	545 (600-1)	4860-1½ 565 (600-1½)	5000-2¼ 705 (800-2¼)	5020-2½ 725 (800-2½)

120° 5.1 NM from FAF

4525

4421

4433

4327 TWR 4437

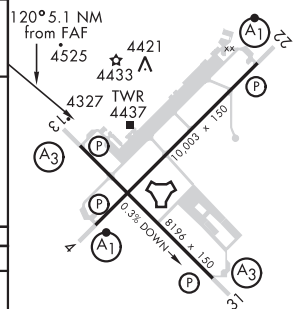
10,000 ± 150

8126 ± 150

0.3% DOWN

31

REIL all Rwy  
HIRL all Rwy



CLOVIS, NEW MEXICO

34°23'N-103°19'W

CANNON AFB (KCVS)

Amdt 2 09NOV17

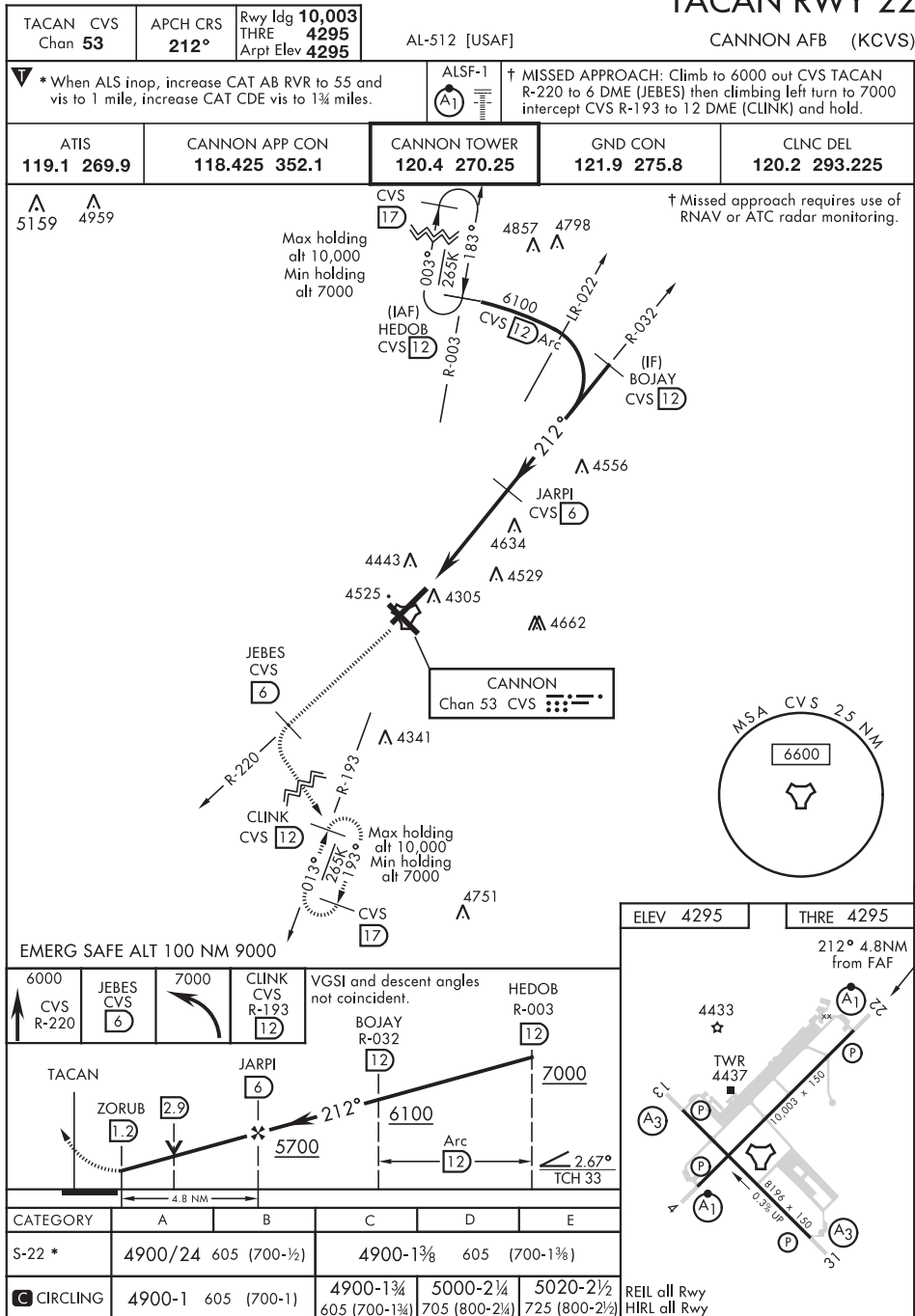
TACAN RWY 13

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



## TACAN RWY 22



## TACAN RWY 22



# TACAN RWY 31

CANNON AFB (KCVS)

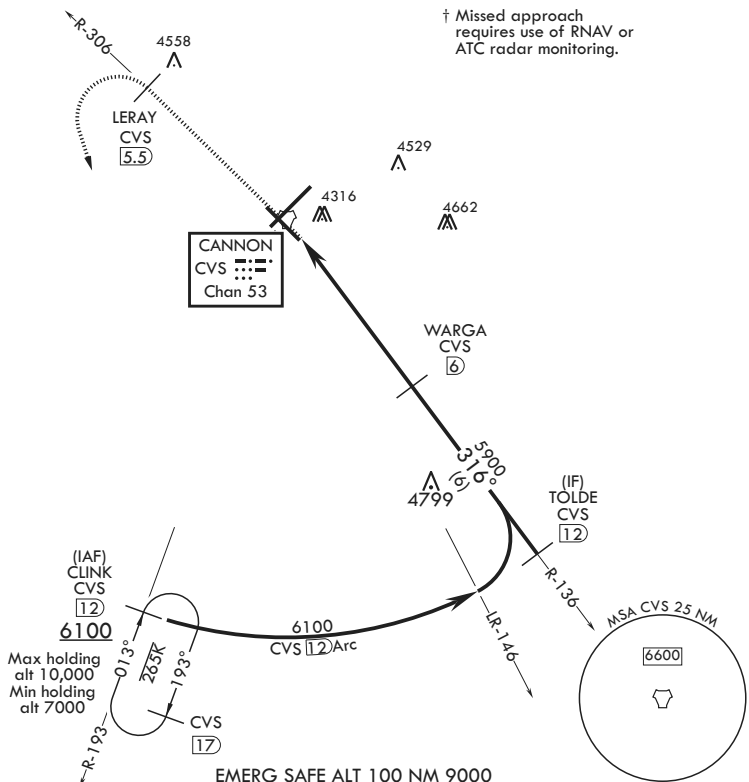
SSALR

(A<sub>3</sub>)

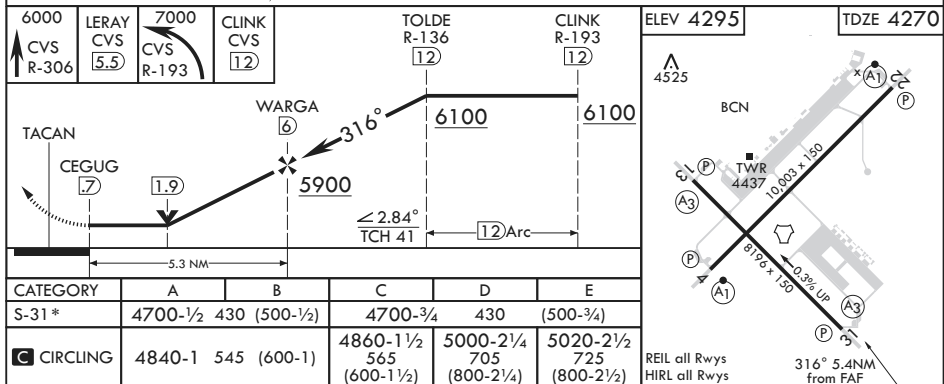
**MISSED APPROACH:** Climb to 6000 out CVS TACAN R-306 to 5.5 DME (LERAY) then turn left climbing to 7000 intercept CVS TACAN R-193 to 12 DME (CLINK) and hold.

4571

† Missed approach requires use of RNAV or ATC radar monitoring.



EMERG SAFE ALT 100 NM 9000



34°23'N - 103°19'W

CANNON AFB (KCVS)

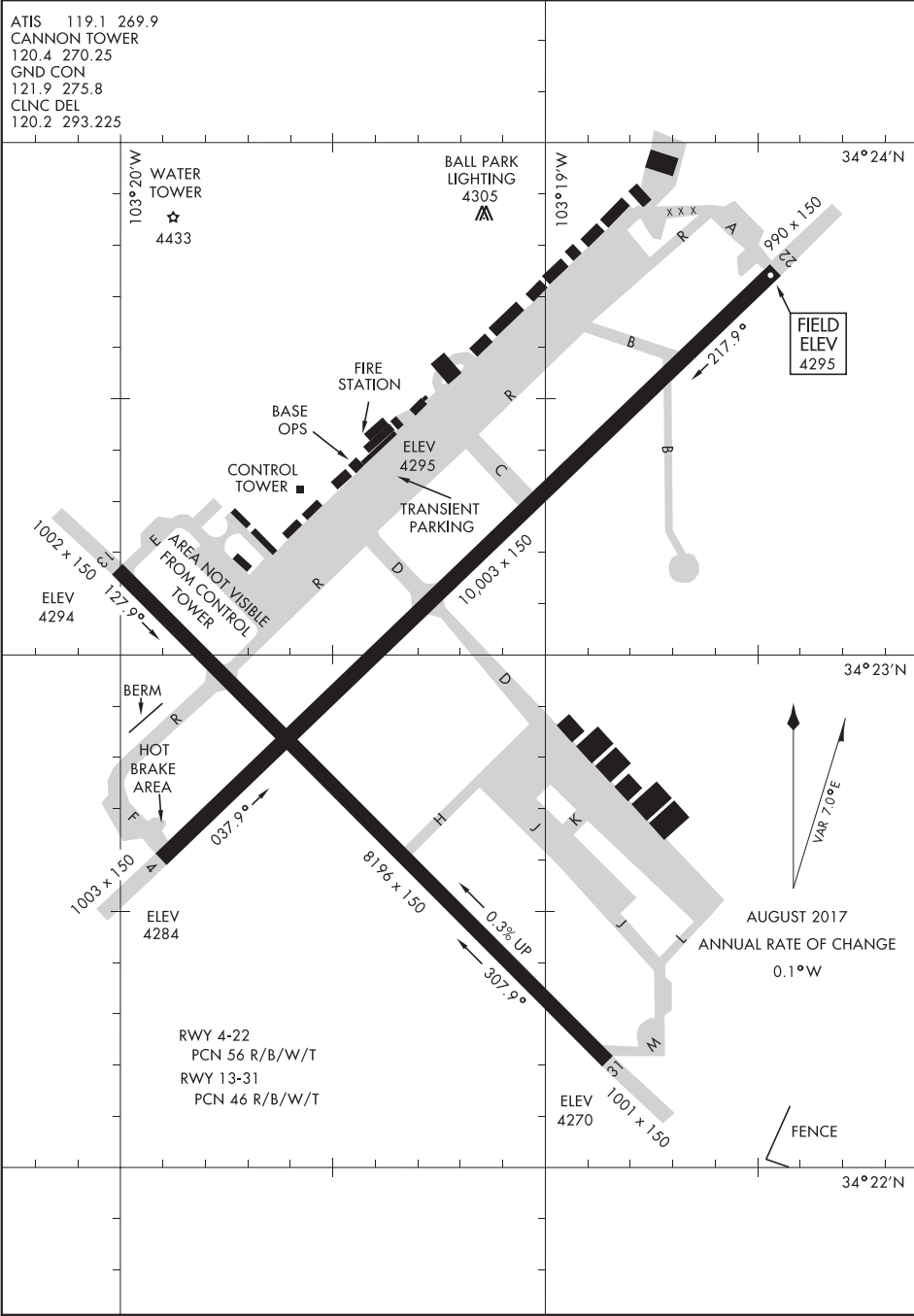
Amdt 3 10OCT19

# TACAN RWY 31

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



CANON CITY, COLORADO

AL-43 (FAA)

19255

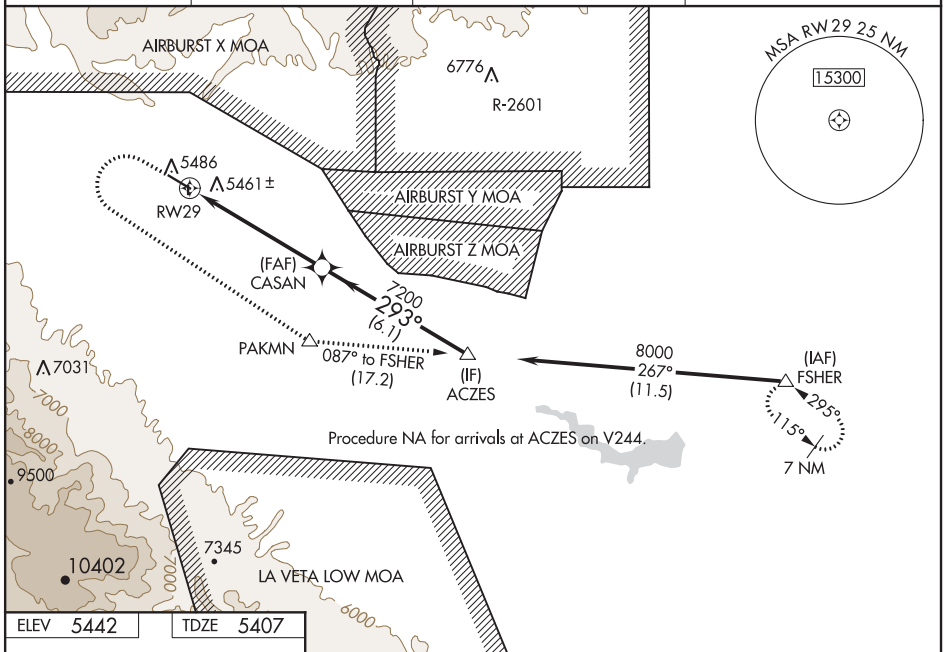
WAAS CH <b>69530</b> <b>W29A</b>	APP CRS <b>293°</b>	Rwy Idg TDZE <b>5407</b> Apt Elev <b>5442</b>
--	------------------------	---

# RNAV (GPS) RWY 29

FREMONT COUNTY (1V6)

RNP APCH.	MISSED APPROACH: (Do not exceed 210K until PAKMN) Climb to 5900 then climbing left turn to 8000 direct PAKMN and track 087° to FSHER and hold.
▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 54°C. Circling NA north of Rwy 11-29. Circling NA to Rwy 35.	

AWOS-3 <b>120.025</b>	DENVER APP CON <b>120.1 290.5</b>	DENVER CENTER <b>128.375 379.95</b>	UNICOM <b>122.8 (CTAF) 0</b>
--------------------------	--------------------------------------	--	---------------------------------



ELEV <b>5442</b>	TDZE <b>5407</b>
------------------	------------------

5900	8000	PAKMN	tr 087°	FSHER	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 40).
↑	↩	△		△	
*INAV only.					
CATEGORY	A	B	C	D	
LPV DA	5657-¾	250 (300-¾)		NA	
INAV/VNAV DA	5657-¾	250 (300-¾)		NA	
INAV MDA	5720-1	313 (300-1)	5720-⅞ 313 (300-⅞)	NA	
CIRCLING	5800-1 358 (400-1)	5900-1 458 (500-1)	5980-1½ 538 (600-1½)	NA	

CANON CITY, COLORADO

Amdt 1A 12SEP19

38°26'N-105°06'W

FREMONT COUNTY (1V6)

# RNAV (GPS) RWY 29

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

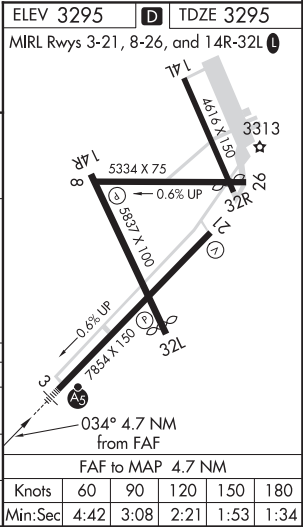
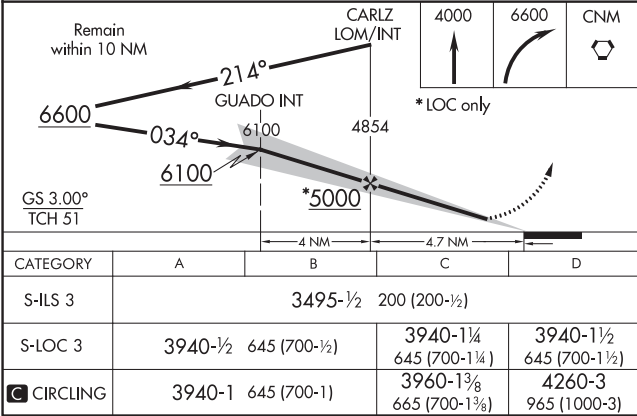
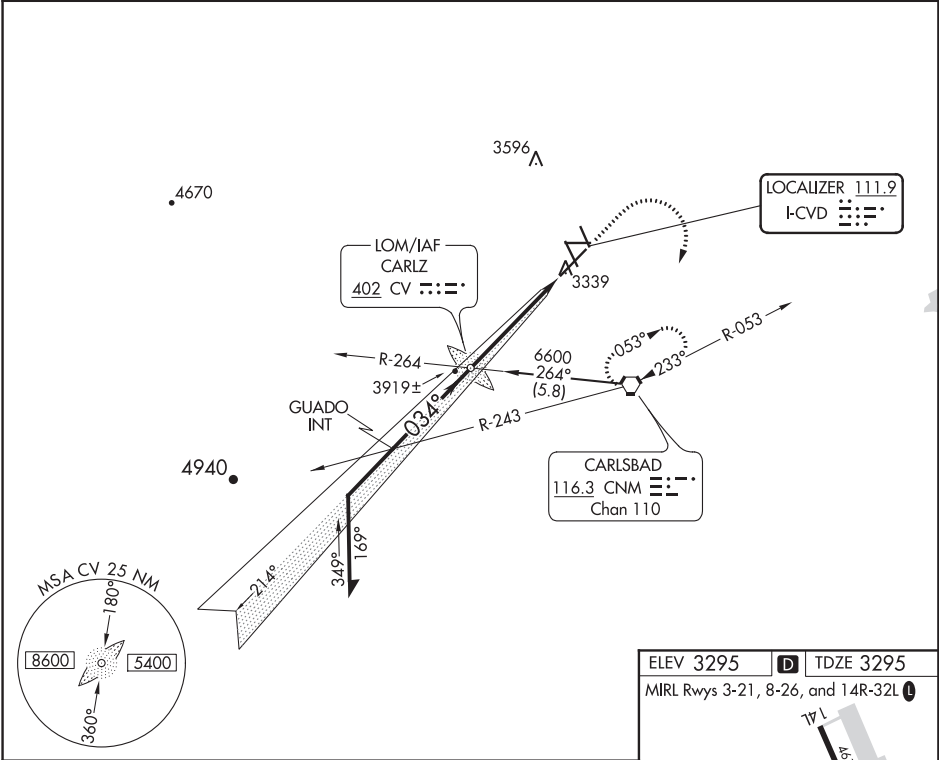


LOC I-CVD <b>111.9</b>	APP CRS <b>034°</b>	Rwy Idg TDZE Apt Elev	<b>7854</b> <b>3295</b> <b>3295</b>
---------------------------	------------------------	-----------------------------	---

ILS RWY 3  
CAVERN CITY AIR TERMINAL (CNM)

		MISSED APPROACH: Climb to 4000 then climbing right turn to 6600 direct CNM VORTAC and hold.
--	--	---

ASOS <b>118.375</b>	ALBUQUERQUE CENTER <b>135.875 292.15</b>	UNICOM <b>123.0 (CTAF)</b>
------------------------	---	-------------------------------





CARLSBAD, NEW MEXICO

AL-71 (FAA)

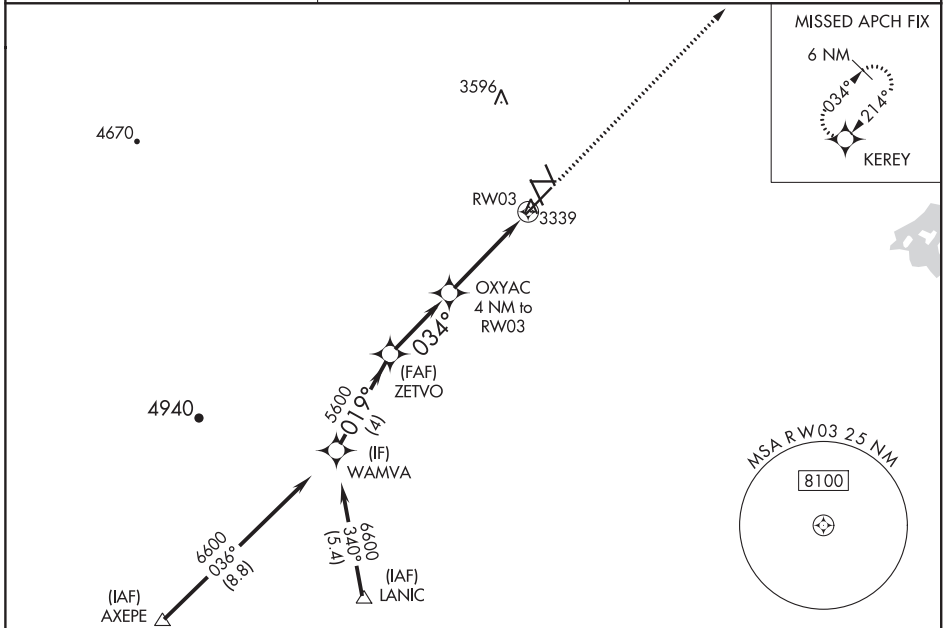
19171

WAAS CH <b>81835</b> <b>W03A</b>	APP CRS <b>034°</b>	Rwy Idg TDZE Apt Elev	<b>7854</b> <b>3295</b> <b>3295</b>
--	------------------------	-----------------------------	---

# **RNAV (GPS) RWY 3** **CAVERN CITY AIR TERMINAL (CNM)**

<p><b>⚠</b> For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C (14°F) or above 52°C (126°F). DME/DME RNP-0.3 NA. For inop MALSR, increase LNAV Cat C/D visibility to 2½ miles, and increase LNAV/VNAV all Cats visibility to ¾ mile.</p>	<p><b>MALSR</b></p> <p><b>MISSED APPROACH:</b> Climb to 5600 direct KEREY and hold.</p>
---	---

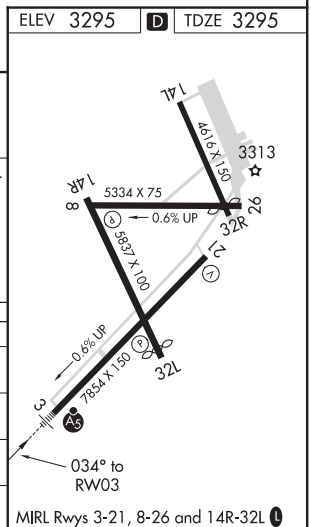
<p>ASOS <b>118.375</b></p>	<p>ALBUQUERQUE CENTER <b>135.875 292.15</b></p>	<p>UNICOM <b>123.0 (CTAF) 0</b></p>
--------------------------------	---	---



Procedure NA for arrivals at  
AXEPE on V102 southwest bound.

Procedure NA for arrivals at  
LANIC on V560 southwest bound.

<p>WAMVA 6600 019° 5600 ZETVO 5600 034° *4600 OXYAC 4 NM to RW03 *2.4 NM to RW03 RW03</p> <p>GP 3.00° TCH 51</p> <p>4 NM 3.1 NM 1.6 NM 2.4 NM</p> <p>*LNAV only</p>				
CATEGORY	A	B	C	D
LPV DA	3495-½		200 (200-½)	
LNAV/ VNAV DA	3545-½		250 (300-½)	
LNAV MDA	4100-½ 805 (900-½)	4100-¾ 805 (900-¾)	4100-⅞	805 (900-⅞)
<b>C</b> CIRCLING	4100-1 805 (900-1)	4100-1¼ 805 (900-1¼)	4100-2½ 805 (900-2½)	4260-3 965 (1000-3)



CARLSBAD, NEW MEXICO

Orig-A 05MAR15

32°20'N-104°16'W

CAVERN CITY AIR TERMINAL (CNM)

# **RNAV (GPS) RWY 3**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







WAAS CH <b>90234</b> <b>W21A</b>	APP CRS <b>214°</b>	Rwy Idg <b>7854</b> TDZE <b>3264</b> Apt Elev <b>3295</b>
--	------------------------	---

RNAV (GPS) RWY 21  
CAVERN CITY AIR TERMINAL (CNM)

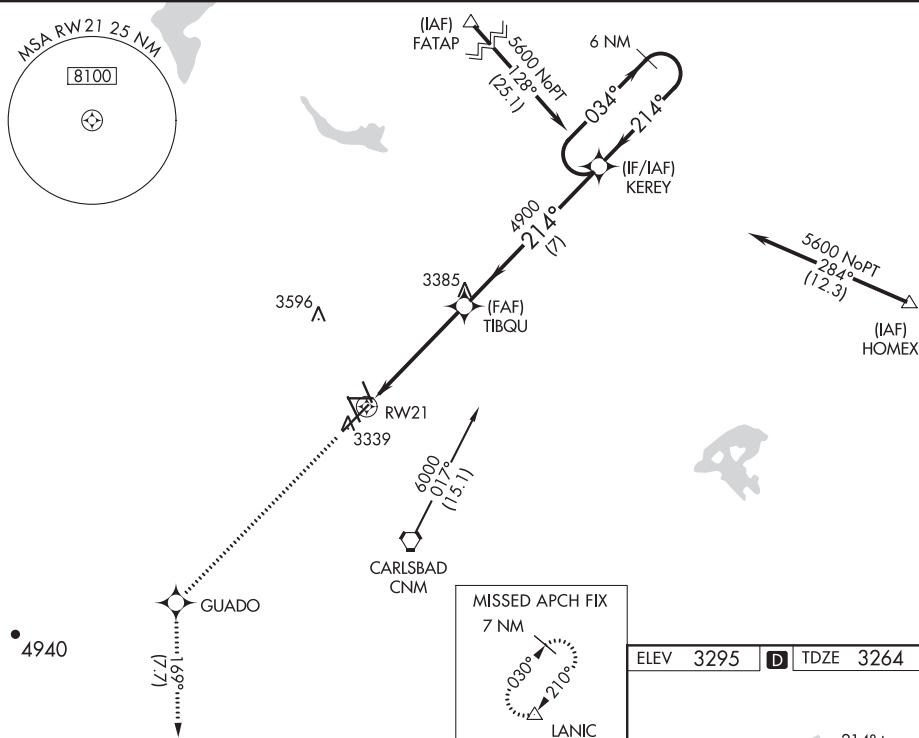
**T** For uncompensated Baro-VNAV systems, LNAV/VNAV NA  
**A** below -10°C (14° F) or above 50°C (123°F). DME/DME  
RNP-0.3 NA. Helicopter visibility reduction below  $\frac{3}{4}$  SM NA.

**MISSED APPROACH:** Climb to 8000 direct GUADO and on track 169° to LANIC, continue climb-in-hold to 8000.

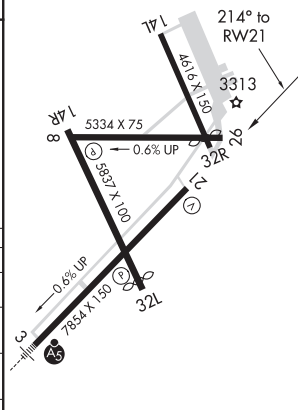
ASOS  
**118.375**

ALBUQUERQUE CENTER  
135.875 292.15

UNICOM  
123.0 (CTAF) **L**



8000 ↑		GUADO ✧ tr 169°		LANIC △		KEREY 6 NM Holding Pattern			
* LNAV only.		* 0.9 NM to RW21		TIBQU 4900		034° → 5600 ← 214°			
RW21		0.9 NM		4.1 NM		7 NM			
GP 3.00° TCH 58									
CATEGORY		A		B		C		D	
LPV DA				3514-3 <sup>4</sup> / <sub>4</sub> 250 (300-3 <sup>4</sup> / <sub>4</sub> )					
LNAV/ VNAV		DA		3514-3 <sup>4</sup> / <sub>4</sub> 250 (300-3 <sup>4</sup> / <sub>4</sub> )					
LNAV MDA				3580-1 316 (300-1)					
CIRCLING		3700-1 405 (500-1)		3780-1 485 (500-1)		3960-1 <sup>3</sup> / <sub>4</sub> 665 (700-1 <sup>3</sup> / <sub>4</sub> )		4260-3 965 (1000-3)	



CARLSBAD, NEW MEXICO  
Amdt 1A 05MAR15

32°20'N-104°16'W

CAVERN CITY AIR TERMINAL (CNM)  
RNAV (GPS) RWY 21

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>78226</b> <b>W32A</b>	APP CRS <b>324°</b>	Rwy Idg TDZE <b>3268</b> Apt Elev <b>3295</b>
--	------------------------	---

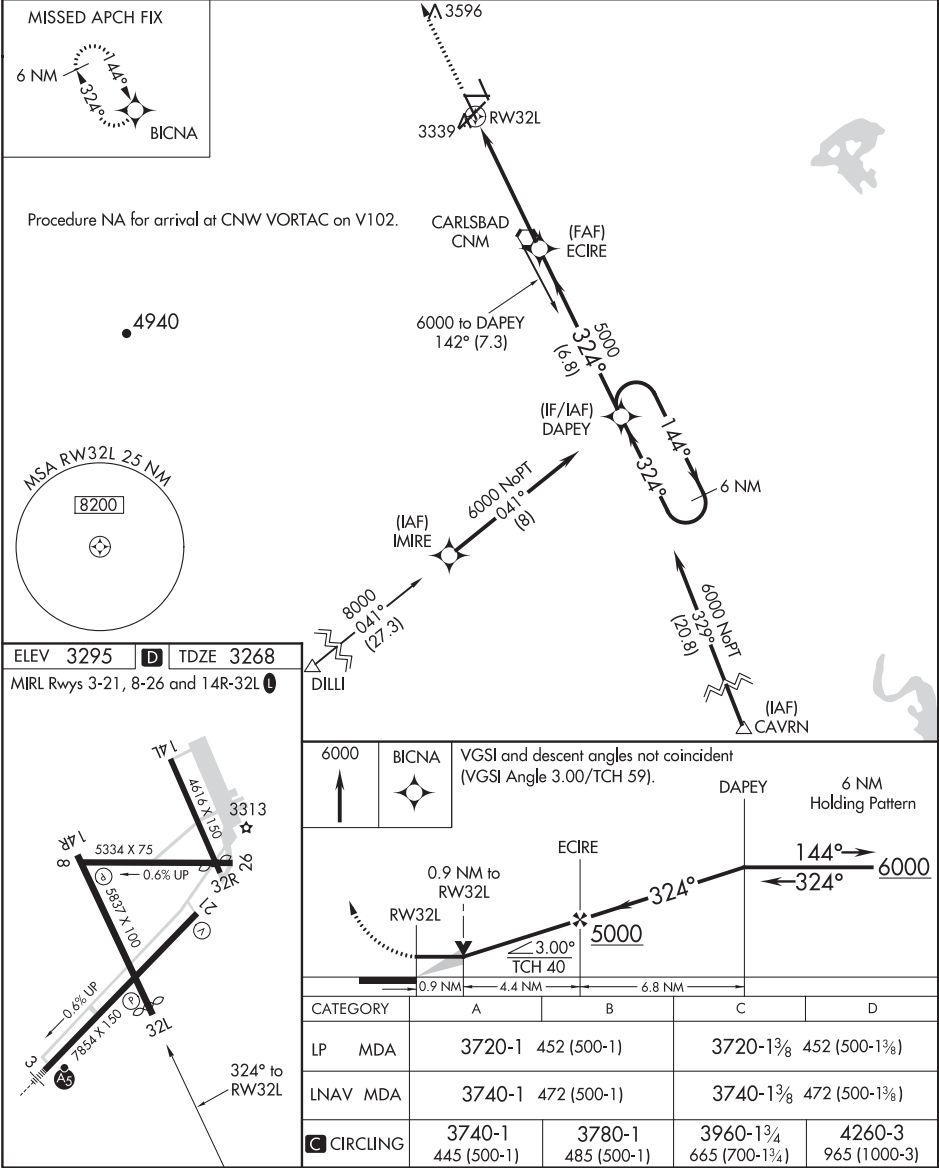
RNAV (GPS) RWY 32L

CAVERN CITY AIR TERMINAL (CNM)

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Artesia Muni altimeter setting and increase all MDA 120 ft. Increase LP Cats C/D visibility to 1½ mile, LNAV Cats C/D to 1¼ mile and Circling Cat C to 2¼ mile. VDP NA when using Artesia Muni altimeter setting.

MISSED APPROACH: Climb to 6000 direct BICNA and hold.

ASOS <b>118.375</b>	ALBUQUERQUE CENTER <b>135.875 292.15</b>	UNICOM <b>123.0 (CTAF) 0</b>
------------------------	---	---------------------------------





VORTAC CNM <b><u>116.3</u></b> Chan <b>110</b>	APP CRS <b>325°</b>	Rwy Idg <b>5452</b> TDZE <b>3268</b> Apt Elev <b>3295</b>
--	------------------------	---

VOR RWY 32L  
CAVERN CITY AIR TERMINAL (CNM)

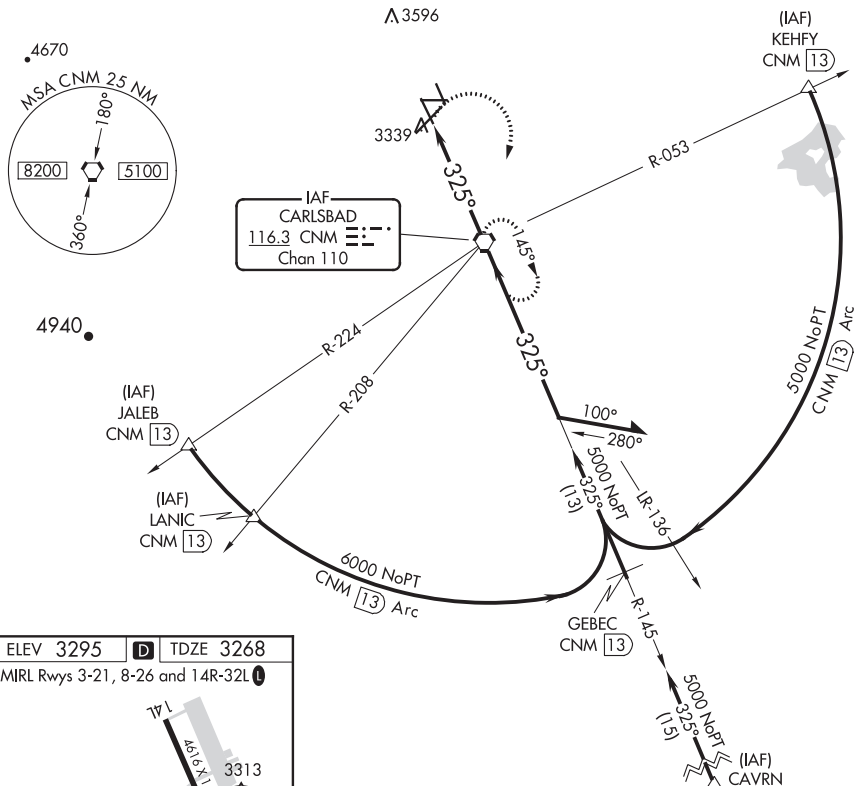
**T** When local altimeter setting not received, use Artesia Muni  
**A** altimeter setting and increase all MDA 120 feet and S-32L  
Cats C/D visibility to 1½, Circling Cat C visibility to 2¼.

**MISSED APPROACH:** Climbing right turn to 5000 direct CNM VORTAC and hold.

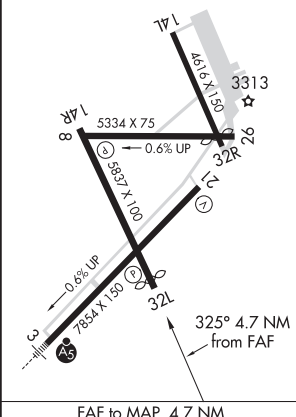
ASOS  
118.375

ALBUQUERQUE CENTER  
135,875 292,15

UNICOM  
123.0 (CTAF) **L**

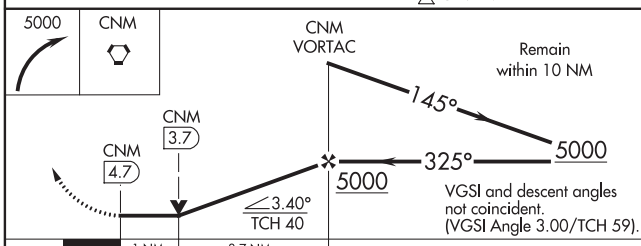



ELEV 3295	<b>D</b>	TDZE 3268
-----------	----------	-----------

MIRL Rwy 3-21, 8-26 and 14R-32L **L**

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34



CATEGORY	A	B	C	D
S-32L	3680-1 412 (400-1)		3680-1¼ 412 (400-1¼)	
 CIRCLING	3700-1 405 (500-1)	3780-1 485 (500-1)	3960-1¾ 665 (700-1¾)	4260-3 965 (1000-3)

CARLSBAD, NEW MEXICO

Amdt 6B 20AUG15

CAVERN CITY AIR TERMINAL (CNM)

VOR RWY 32L

32°20'N-104°16'W

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>69233</b> <b>W02A</b>	APP CRS <b>021°</b>	Rwy Idg TDZE Apt Elev	<b>5927</b> <b>4967</b> <b>4970</b>
--	------------------------	-----------------------------	---

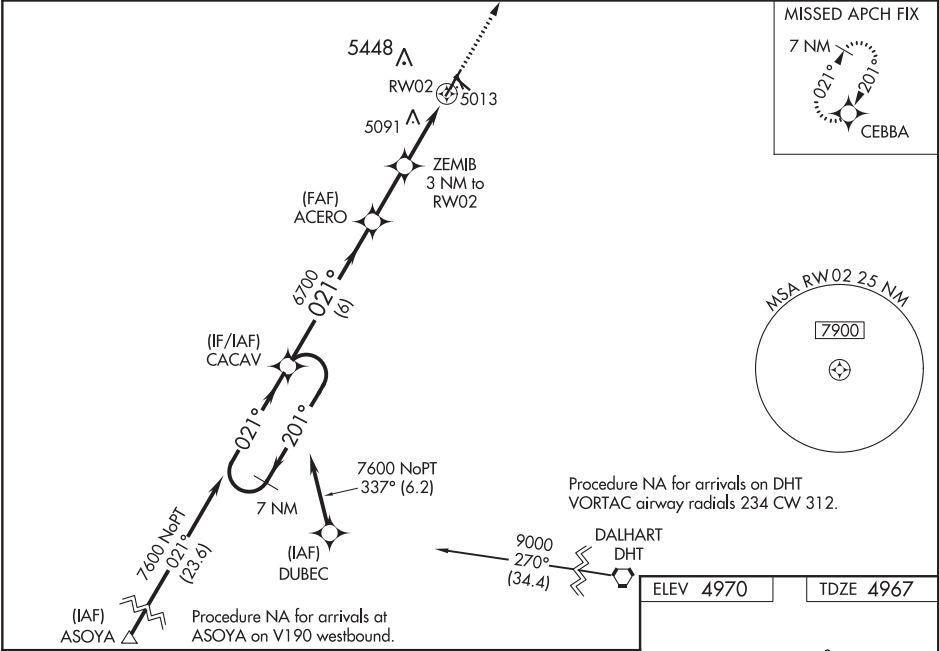
RNAV (GPS) RWY 2

CLAYTON MUNI AIRPARK (CAO)

**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Circling NA west of Rwy 2-20. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Dalhart altimeter setting and increase all DA 227 feet and all MDA 240 feet, increase LPV all Cats visibility  $\frac{3}{8}$  mile, increase LNAV/VNAV all Cats visibility  $1\frac{1}{8}$  mile, increase LNAV Cat C visibility  $\frac{5}{8}$  mile, and increase Circling Cat C visibility  $\frac{1}{4}$  mile. Baro-VNAV NA when using Dalhart altimeter setting. VDP NA with Dalhart altimeter setting.

MISSED APPROACH: Climb to 8000 direct CEBBA and hold, continue climb-in-hold to 8000.

ASOS <b>120.625</b>	ALBUQUERQUE CENTER <b>127.85 285.475</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	---	---------------------------------



7 NM Holding Pattern CACAV

7600  $\leftarrow$  201° 021°  $\rightarrow$

GP 3.00° TCH 49

ACERO 6700

ZEMIB 3 NM to RW02

\*1.1 NM to RW02

RW02

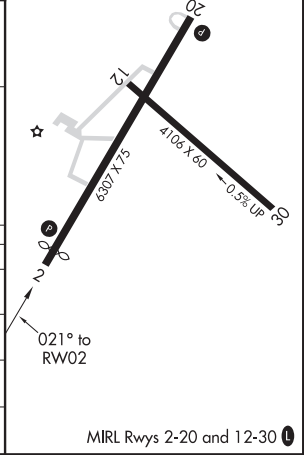
\*5960

6 NM 2.3 NM 1.9 NM 1.1 NM

8000 CEBBA

\*LNAV only.

CATEGORY	A	B	C	D
LPV DA	5217- $\frac{3}{4}$	250 (300- $\frac{3}{4}$ )		NA
LNAV/VNAV DA	5367- $1\frac{3}{8}$	400 (400- $1\frac{3}{8}$ )		NA
LNAV MDA	5360-1	393 (400-1)	5360- $1\frac{1}{8}$ 393 (400- $1\frac{1}{8}$ )	NA
<b>C</b> CIRCLING	5360-1 390 (400-1)	5420-1 450 (500-1)	5420- $1\frac{1}{2}$ 450 (500- $1\frac{1}{2}$ )	NA





CLAYTON, NEW MEXICO

AL-9063 (FAA)

19171

WAAS CH <b>42833</b> <b>W20A</b>	APP CRS <b>201°</b>	Rwy Idg TDZE Apt Elev	<b>6307</b> <b>4970</b> <b>4970</b>
--	------------------------	-----------------------------	---

# **RNAV (GPS) RWY 20** CLAYTON MUNI AIRPARK (CAO)

**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Circling NA west of Rwy 2-20. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Dalhart altimeter setting and increase all DA 227 feet and all MDA 240 feet, increase LPV all Cats visibility  $\frac{7}{8}$  mile, increase LNAV/VNAV all Cats visibility  $\frac{3}{4}$  mile, increase LNAV Cat C visibility  $\frac{5}{8}$  mile, and increase circling Cat C visibility  $\frac{1}{4}$  mile. Baro-VNAV and VDP NA when using Dalhart altimeter setting.

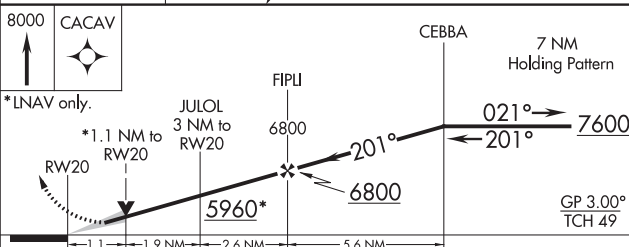
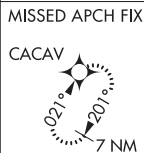
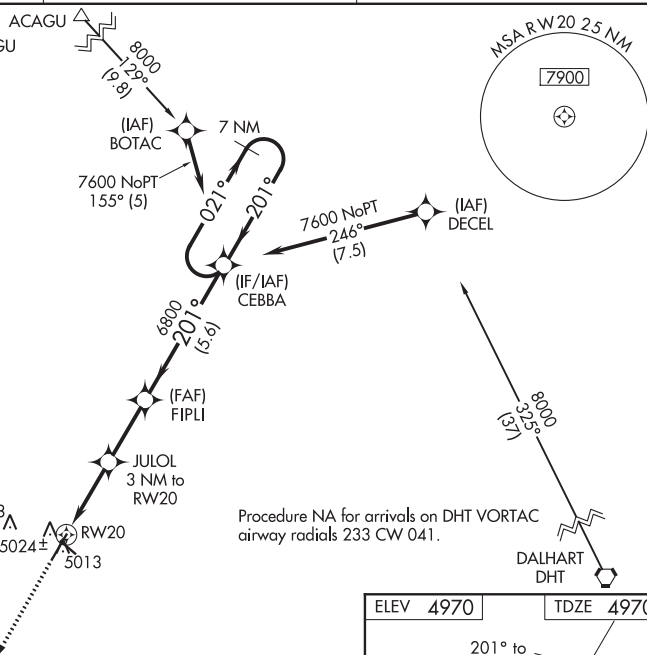
**MISSED APPROACH:** Climb to 8000 direct CACAV and hold, continue climb-in-hold to 8000.

ASOS  
**120.625**

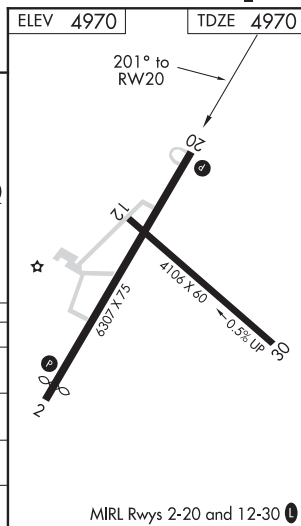
ALBUQUERQUE CENTER  
**127.85 285.475**

UNICOM  
**122.8 (CTAF) 0**

Procedure NA for arrivals at ACAGU on V81 northwest bound.



CATEGORY	A	B	C	D
LPV DA	5220- $\frac{3}{4}$	250 (300- $\frac{3}{4}$ )		NA
LNAV/VNAV DA	5300-1 $\frac{1}{8}$	330 (400-1 $\frac{1}{8}$ )		NA
LNAV MDA	5360-1	390 (400-1)	5360-1 $\frac{1}{8}$ 390 (400-1 $\frac{1}{8}$ )	NA
<b>C</b> CIRCLING	5360-1 390 (400-1)	5420-1 450 (500-1)	5420-1 $\frac{1}{2}$ 450 (500-1 $\frac{1}{2}$ )	NA



MIRL Rwy 2-20 and 12-30 0

CLAYTON, NEW MEXICO

Amdt 2A 05MAR15

36°27'N-103°09'W

# CLAYTON MUNI AIRPARK (CAO) RNAV (GPS) RWY 20

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC I-CVN <b>108.9</b>	APP CRS <b>037°</b>	Rwy Idg <b>7200</b> TDZE <b>4205</b> Apt Elev <b>4216</b>
---------------------------	------------------------	---

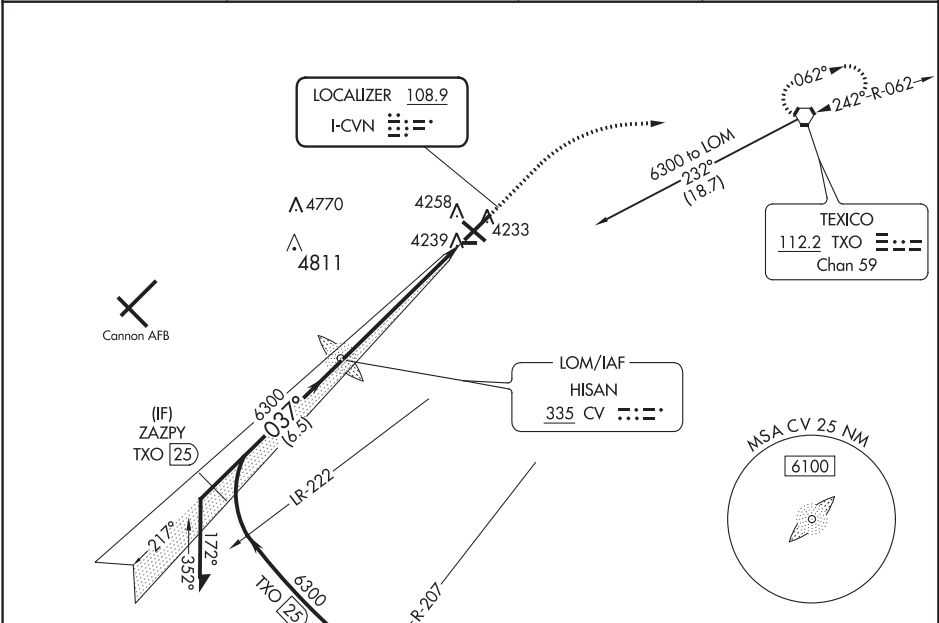
ILS or LOC RWY 4  
CLOVIS MUNI (CVN)

**NA** When local altimeter setting not received, use Cannon AFB altimeter setting and increase all DA and MDA 40 feet. For inop MALSRL, increase S-LOC 4 Cat C/D visibility to 1 3/8 mile. For inop MALSRL when using Cannon AFB, increase S-LOC 4 Cat C/D visibility to 1 3/8 mile.

**MALSRL**

**MISSED APPROACH:** Climb to 4700 then climbing right turn to 6000 direct TXO VORTAC and hold.

AWOS-3PT <b>135.375</b>	CANNON APP CON <b>118.425 352.1</b>	CLNC DEL <b>119.0</b>	UNICOM <b>122.8 (CTAF)</b>
----------------------------	--	--------------------------	-------------------------------



**ELEV 4216** **TDZE 4205**

**GS 3.00° TCH 53**

**CV LOM** 6254

**6300** **037°** **6300**

**6.2 NM**

**REIL Rwy 12 and 30**  
**MIRL Rwy 4-22 and 12-30**  
**FAF to MAP 6.2 NM**

**Ultralight Rwy** 2442 X 75  
**0.3% UP**  
**037° 6.2 NM from FAF**

CATEGORY	A	B	C	D
S-ILS 4	4405-1/2 200 (200-1/2)			
S-LOC 4	4680-1/2	475 (500-1/2)	4680-1	475 (500-1)
CIRCLING	4680-1	464 (500-1)	4700-1 1/2 484 (500-1 1/2)	4820-2 604 (700-2)

Knots	60	90	120	150	180
Min:Sec	6:12	4:08	3:06	2:29	2:04



CLOVIS, NEW MEXICO

AL-5144 (FAA)

17285

WAAS CH <b>97300</b> <b>W04A</b>	APP CRS <b>037°</b>	Rwy Idg <b>7200</b> TDZE <b>4205</b> Apt Elev <b>4216</b>
--	------------------------	---

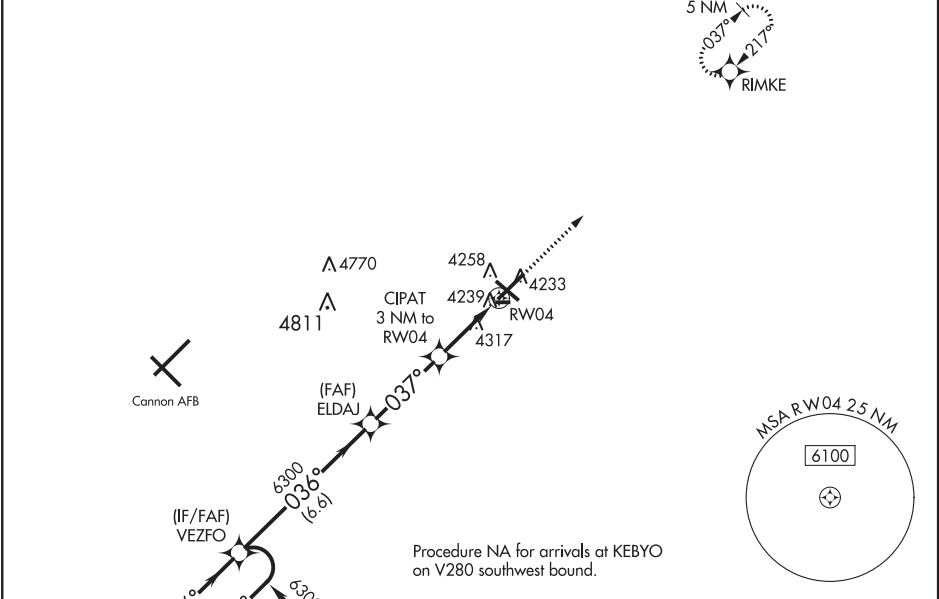
**RNAV (GPS) RWY 4**  
CLOVIS MUNI (CVN)

**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (-9°F) or above 49°C (121°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Cannon AFB altimeter setting and increase all DA and MDA 40 feet; increase LNAV Cat C/D visibility ¼ mile. For inop MALSR, increase LNAV/VNAV all Cats visibility to ¾ mile. For inop MALSR when using Cannon AFB altimeter setting, increase LNAV Cat C/D visibility to 1 ¾ mile. Baro-VNAV and VDP NA when using Cannon AFB altimeter setting.

**MALSR**

**MISSED APPROACH:**  
Climb to 6000 direct RIMKE and hold.

AWOS-3PT <b>135.375</b>	CANNON APP CON <b>118.425 352.1</b>	CLNC DEL <b>119.0</b>	UNICOM <b>122.8 (CTAF)</b>
----------------------------	--	--------------------------	-------------------------------



**7 NM Holding Pattern**  
VEZFO, ELDAJ, CIPAT 3 NM to RW04, 6000, RIMKE, 6300, 216°, 036°, 037°, 5200, 1.2 NM to RW04, \*LNAV only, \*1.2 NM to RW04, 7200, 0.5% UP, 037° to RW04.

CATEGORY	A	B	C	D
LPV DA		4405-½	200 (200-½)	
LNAV/VNAV DA		4455-½	250 (300-½)	
LNAV MDA	4640-½	435 (500-½)	4640-¾	435 (500-¾)
CIRCLING	4680-1	464 (500-1)	4700-1½ 484 (500-1½)	4820-2 604 (700-2)

**ELEV 4216** **TDZE 4205**

CLOVIS, NEW MEXICO

Amtd 1 15OCT15

34°26'N-103°05'W

CLOVIS MUNI (CVN)  
**RNAV (GPS) RWY 4**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

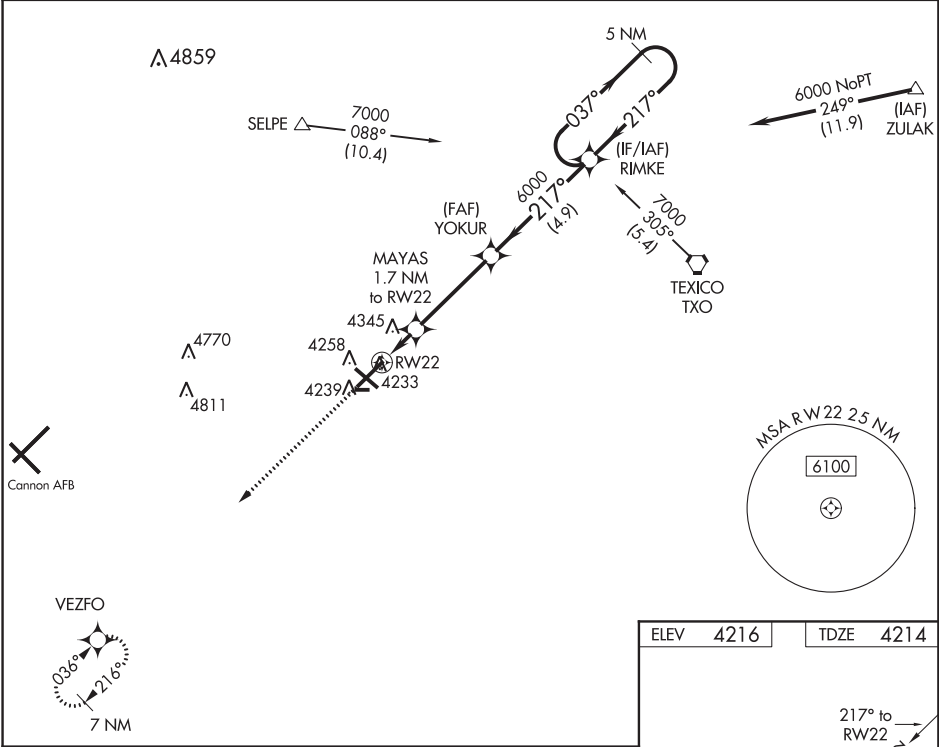


WAAS CH <b>99637</b> <b>W22A</b>	APP CRS <b>217°</b>	Rwy Idg TDZE Apt Elev	<b>7200</b> <b>4214</b> <b>4216</b>
--	------------------------	-----------------------------	---

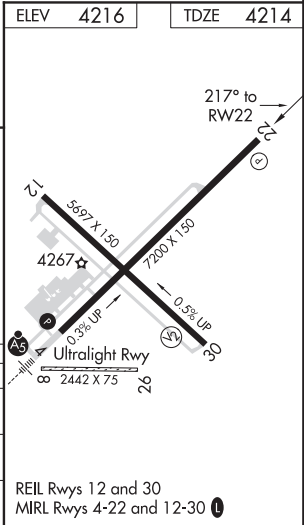
RNAV (GPS) RWY 22  
CLOVIS MUNI (CVN)

<p><b>⚠</b> DME/DME RNP-0.3 NA. When local altimeter setting not received, use Cannon AFB altimeter setting and increase all MDA 40 feet; increase LP Cat C/D visibility ¼ mile; increase LNAV Cat C/D visibility ⅛ mile. VDP NA when using Cannon AFB altimeter setting.</p>	<p>MISSED APPROACH: Climb to 6300 direct VEZFO and hold.</p>
---	--

AWOS-3PT <b>135.375</b>	CANNON APP CON <b>118.425 352.1</b>	CLNC DEL <b>119.0</b>	UNICOM <b>122.8 (CTAF) ①</b>
----------------------------	--	--------------------------	---------------------------------



6300 ↑ VEZFO		YOKUR		RIMKE		5 NM Holding Pattern	
MAYAS 1.7 NM to RW22		≤ 3.00° TCH 47		037° → 6000		← 217°	
RW22 0.8 NM to RW22		4800		6000		← 217°	
0.8 NM to RW22		0.9 NM to RW22		3.8 NM to RW22		4.9 NM to RW22	
CATEGORY		A	B	C	D		
LP MDA		4520-1	306 (400-1)	4520-7/8	306 (400-7/8)		
LNAV MDA		4620-1	406 (500-1)	4620-1 1/8	406 (500-1 1/8)		
CIRCLING		4680-1	464 (500-1)	4700-1 1/2 484 (500-1 1/2)	4820-2 604 (700-2)		





CLOVIS, NEW MEXICO

AL-5144 (FAA)

19115

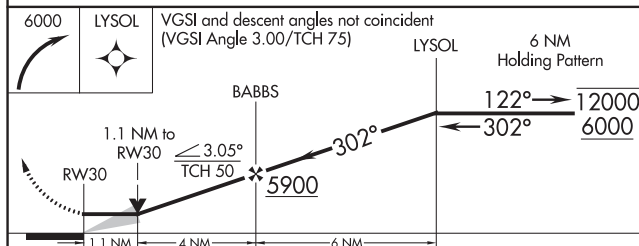
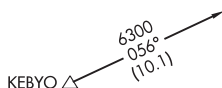
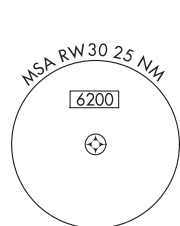
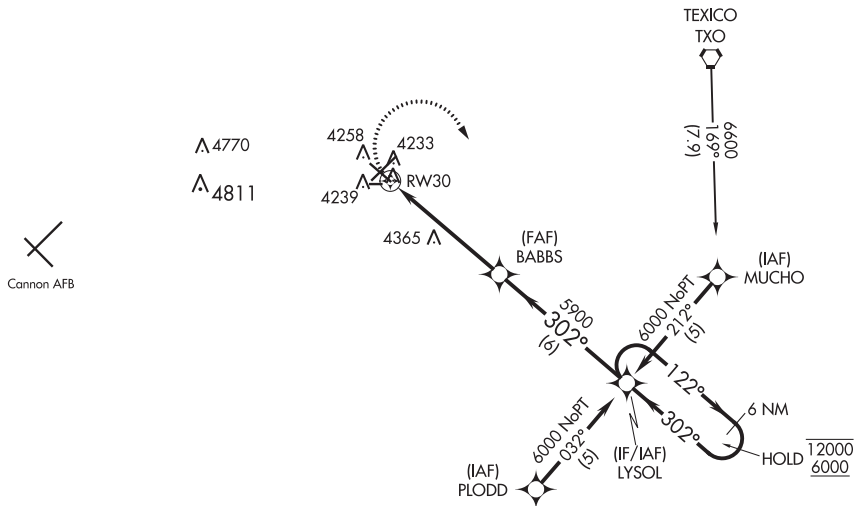
APP CRS <b>302°</b>	Rwy Idg TDZE Apt Elev	<b>5697</b> <b>4202</b> <b>4216</b>
------------------------	-----------------------------	---

# RNAV (GPS) RWY 30

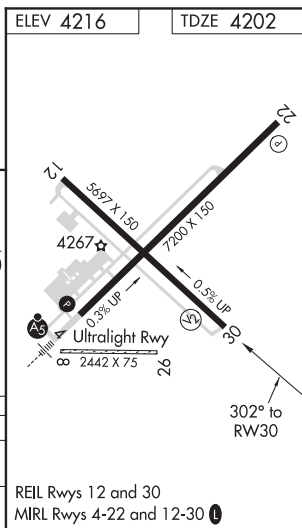
CLOVIS MUNI (CVN)

RNP APCH.		MISSED APPROACH: Climbing right turn to 6000 direct LYSOL and hold.	
CAUTION: Cannon AFB 12 NM WSW, heavy USAF fighter traffic.			
AWOS-3PT <b>135.375</b>	CANNON APP CON <b>118.425 352.1</b>	CLNC DEL <b>119.0</b>	UNICOM <b>122.8 (CTAF) ①</b>

Procedure NA for arrivals at TXO VORTAC via V62 northwest bound.



CATEGORY	A	B	C	D
LNVA MDA	4620-1 418 (500-1)	4620-1¼ 418 (500-1¼)	4620-1½ 418 (500-1½)	4820-2 604 (700-2)
CIRCLING	4680-1 464 (500-1)	4700-1½ 484 (500-1½)	4820-2 604 (700-2)	



CLOVIS, NEW MEXICO

Orig-A 25APR19

34°26'N-103°05'W

# RNAV (GPS) RWY 30

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



VOR RWY 22  
CLOVIS MUNI (CVN)

**MISSED APPROACH:** Climb to 4700 then climbing right turn to 6000 direct TXO VORTAC and hold.

## DME or RADAR REQUIRED



SW-1, 30 JAN 2020 to 26 MAR 2020

BRONCO  
1 MOA

One Minute Holding Pattern

4700 6000 TXO

ZOTLU TXO 7.3 RADAR

TXO VORTAC

WUMGU TXO 9.3 RADAR

TXO 10.8

TXO 11.8

2.99° TCH 47

5040 5700 6000

062° 242°

1 1.5 2 NM 7.3 NM

CATEGORY	A	B	C	D
S-22	4600-1 386 (400-1)		4600-1½ 386 (400-1½)	
CIRCLING	4680-1 464 (500-1)		4700-1½ 484 (500-1½)	4820-2 604 (700-2)



COLORADO SPRINGS, COLORADO

AL-87 (FAA)

19283

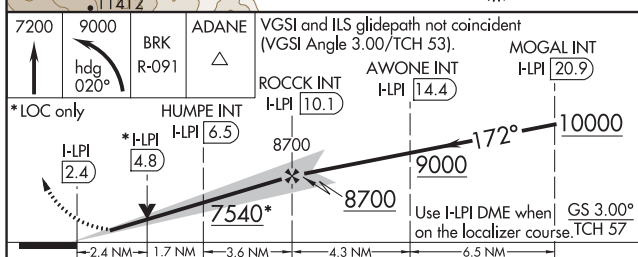
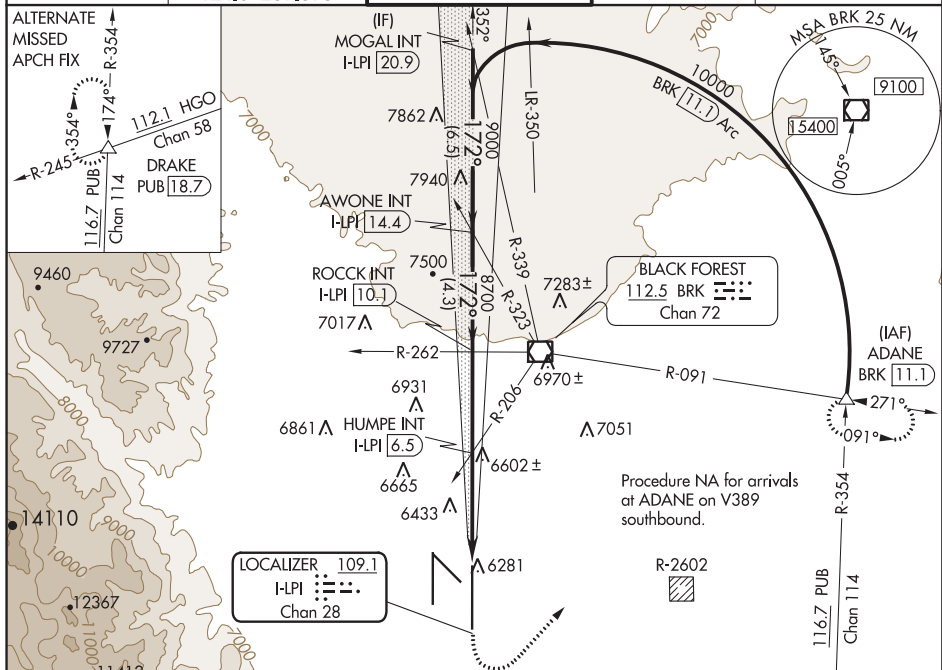
LOC/DME I-LPI <b>109.1</b> Chan 28	APP CRS <b>172°</b>	Rwy Idg TDZE Apt Elev	<b>13501</b> <b>6187</b> <b>6187</b>
--	------------------------	-----------------------------	--

# ILS or LOC RWY 17L

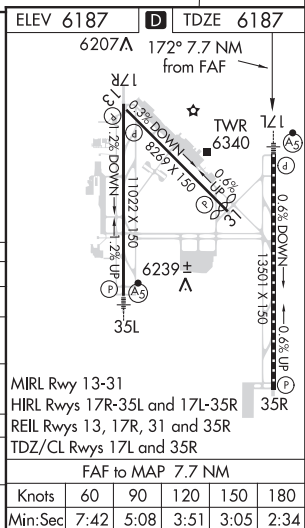
## CITY OF COLORADO SPRINGS MUNI (COS)

DME or RADAR required for procedure entry.	MALSR	MISSED APPROACH: Climb to 7200 then climbing left turn to 9000 on heading 020° and on BRK VOR/DME R-091 to ADANE INT/BRK VOR/DME 11.1 DME and hold.
Simultaneous approach authorized with Rwy 17R.		

ATIS <b>125.0 254.3</b>	SPRINGS APP CON <b>124.0 257.875</b>	SPRINGS TOWER <b>119.9 360.6</b>	GND CON <b>121.7 348.6</b>	CLNC DEL <b>134.45 363.125</b>
----------------------------	---	-------------------------------------	-------------------------------	-----------------------------------



CATEGORY	A	B	C	D
S-ILS 17L	6387/18 200 (200-½)			
S-LOC 17L	7540/40 1353 (1400-¾)	7540/55 1353 (1400-1)	7540-3	1353 (1400-3)
CIRCLING	7540-1¼ 1353 (1400-1½)	7540-1½ 1353 (1400-1½)	7540-3	1353 (1400-3)
HUMPE FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-LOC 17L	7020/24 833 (900-½)	7020/40 833 (900-¾)	7020-1⅞	833 (900-1⅞)
CIRCLING	7020-1¼	833 (900-1¼)	7040-2½ 853 (900-2½)	7260-3 1073 (1100-3)



COLORADO SPRINGS, COLORADO

Amdt 3C 10OCT19

CITY OF COLORADO SPRINGS MUNI (COS)

38°48'N-104°42'W

# ILS or LOC RWY 17L

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



ILS or LOC RWY 35L  
CITY OF COLORADO SPRINGS MUNI (COS)

MALSR

**MISSED APPROACH:** Climb to 6700 then climbing right turn to 9000 on heading 047° and on BRK VOR/DME R-091 to ADANE INT/BRK 11.1 DME and hold.

**ALTERNATE MISSED APCH FIX**

Chan 72  
R-145  
112.5 BRK  
R-354  
174°  
112.1 HGO  
Chan 58  
R-245  
DRAKE PUB [18.7]  
Chan 114  
116.7 PUB

**BLACK FOREST**  
112.5 BRK  
Chan 72  
 $\Delta$  6931  
 $\Delta$  6861  
 $\Delta$  7051  
 $\Delta$  6602 ±  
 $\Delta$  6433  
 $\Delta$  6281  
 $\Delta$  6665

**LOCALIZER 109.9**  
I-COS

**ADANE BRK** [11.1]  
R-091  
271°  
091°

**MSA CO 25 NM**  
9100  
15400  
8100  
251°  
021°

**LOM PETEY CO** [---]  
407

**(IF) MIDAY INT PUB** [21.4]

**ELEV 6187** **D** **TDZE 6075**

HIRL Rwy 17R-35L and 17L-35R  
REIL Rwy 13, 17R, 31 and 35R  
6207  $\Delta$  TDZ/CL Rwys 17L and 35R  
MIRL Rwy 13-31

**TWR** 121.1  
123.67  
11412  
10132  
10132  
9795  $\Delta$

R-2601  
R-182  
LR-176  
R-313  
R-145  
BRK [22.7] Arc  
IAF PUEBLO 116.7 PUB Chan 114  
IAF DRAKE BRK [22.7]  
Procedure NA for arrivals on PUB VORTAC airway radials 267 CW 354.

Procedure NA for arrivals  
on PUB VORTAC airway  
radials 267 CW 354 .

ELEV 6187	<b>D</b>	TDZE 6075
HIRL Rwy 17R-35L and 17L-35R		
REIL Rwy 13, 17R, 31 and 35R		
6207A TDZ/CL Rwy 17L and 35R		
MIRL Rwy 13-31		

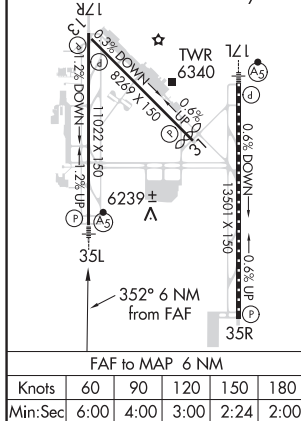


Diagram illustrating the S-ILS 35L approach for runway 35L. The diagram shows a 3.00° glide path (TCH 51') and a 352° heading. Key altitudes include 8100 ft at the start of the glide path and 8028 ft at the 7.4 NM distance. The diagram also shows the 6 NM distance to the runway. The diagram includes a table of altitudes and a table of distances.

Altitude	Distance
8100	7.4 NM
8028	6 NM

Category	A	B	C	D
S-ILS 35L *	6275/24 200 (100-½)			
S-LOC 35L	6540/24 465 (400-½)	6540/50 465 (400-1)		
CIRCLING	6740-1 553 (600-1)	6800-1 613 (700-1)	7040-2½ 853 (900-2½)	7260-3 1073 (1100-3)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







ILS RWY 17L (SA CAT I & II)  
CITY OF COLORADO SPRINGS MUNI (COS)

MALSR

**MISSED APPROACH:** Climb to 7200 then climbing left turn to 9000 on heading 020° and on BRK VOR/DME R-091 to ADANE INT/BRK VOR/DME 11.1 DME and hold.

ELEV 6187	<b>D</b>	TDZE 6187
-----------	----------	-----------

MIRL Rwy 13-31 35  
HIRL Rwy 17R-35L and 17L-35R  
REIL Rwy 13, 17R, 31 and 35R  
TDZ/CL Rwy 17L and 35R

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



COLORADO SPRINGS, COLORADO

AL-87 (FAA)

19059

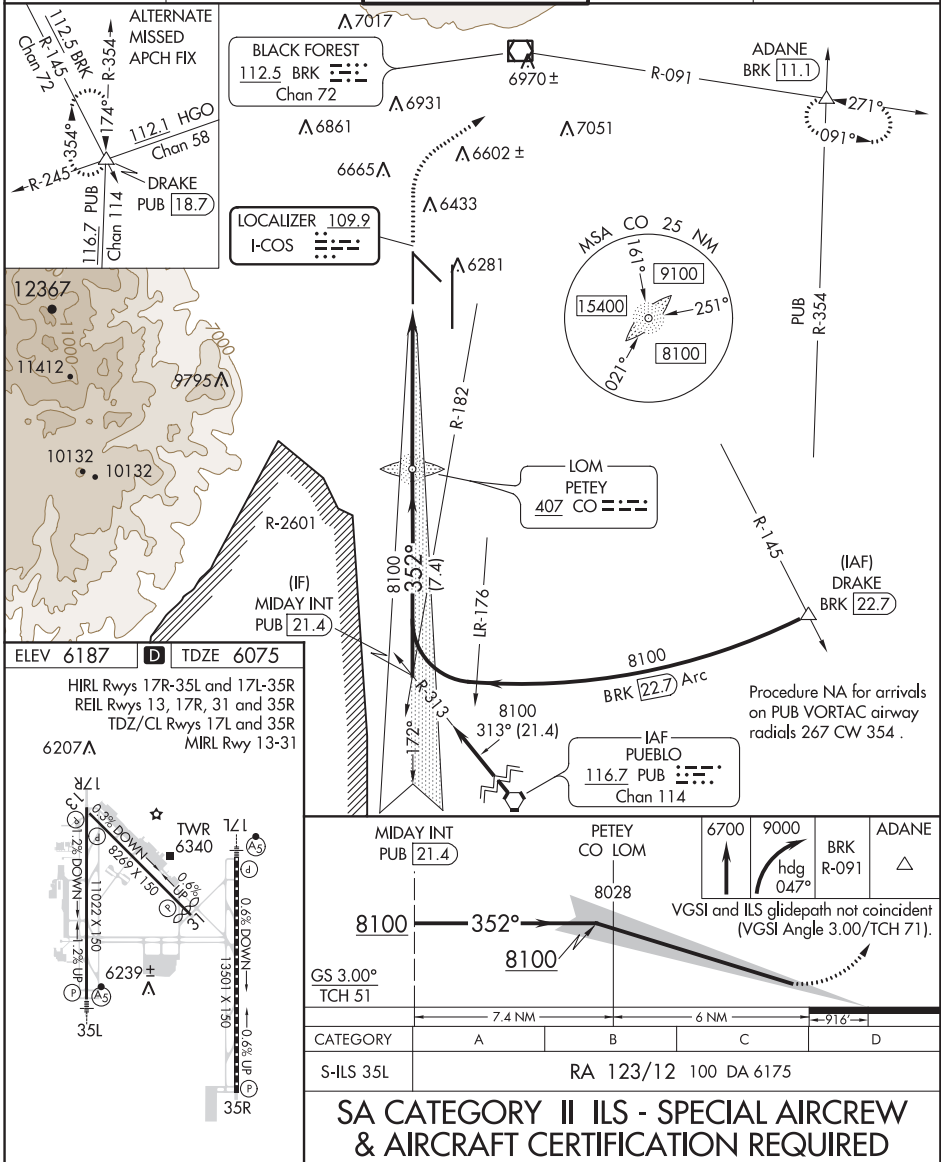
LOC I-COS <b>109.9</b>	APP CRS <b>352°</b>	Rwy Idg TDZE Apt Elev	<b>11022</b> <b>6075</b> <b>6187</b>
---------------------------	------------------------	-----------------------------	--

# ILS RWY 35L (SA CAT II)

## CITY OF COLORADO SPRINGS MUNI (COS)

<b>⚠</b> RADAR monitoring required when R-2601 in use. <b>⚠</b> Reduced lighting: requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.	<b>MALSR</b> 	<b>MISSED APPROACH:</b> Climb to 6700 then climbing right turn to 9000 on heading 047° and on BRK VOR/DME R-091 to ADANE INT/BRK 11.1 DME and hold.
--	------------------	---

<b>ATIS</b> <b>125.0 254.3</b>	<b>SPRINGS APP CON</b> <b>124.0 257.875</b>	<b>SPRINGS TOWER</b> <b>119.9 360.6</b>	<b>GND CON</b> <b>121.7 348.6</b>	<b>CLNC DEL</b> <b>134.45 363.125</b>
-----------------------------------	--	--	--------------------------------------	--



COLORADO SPRINGS, COLORADO

Amdt 39 01FEB18

CITY OF COLORADO SPRINGS MUNI (COS)

38°48'N-104°42'W

ILS RWY 35L (SA CAT II)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



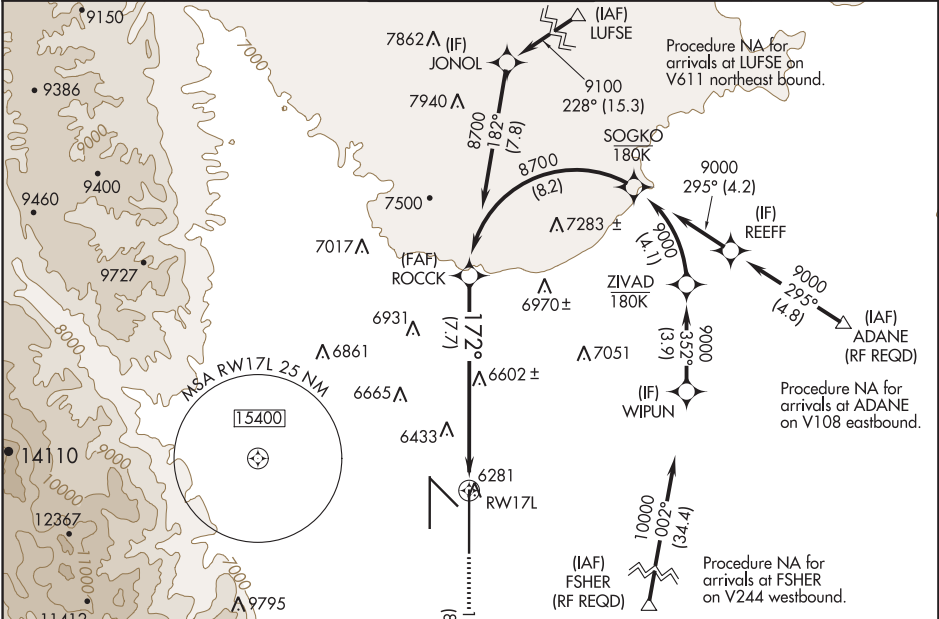
APP CRS	Rwy Idg	<b>13501</b>
<b>172°</b>	TDZE	<b>6187</b>
	Apt Elev	<b>6187</b>

# RNAV (RNP) Z RWY 17L

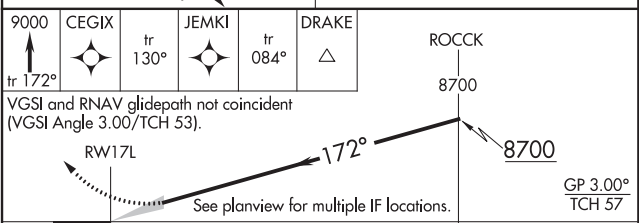
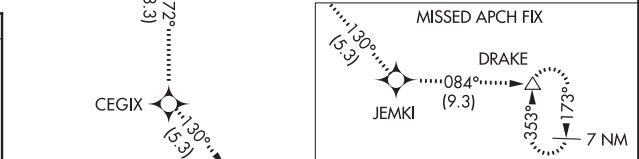
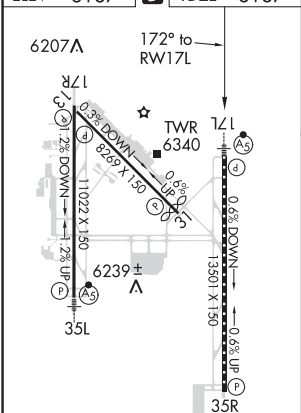
CITY OF COLORADO SPRINGS MUNI (COS)

For uncompensated Baro-VNAV systems, procedure NA below -21°C (-5°F) or above 44°C (112°F). GPS required.	MALSR 	MISSED APPROACH: Climb to 9000 on track 172° to CEGIX and on track 130° to JEMKI and on track 084° to DRAKE and hold.
---	-----------	---

ATIS <b>125.0 254.3</b>	SPRINGS APP CON <b>124.0 257.875</b>	SPRINGS TOWER <b>119.9 360.6</b>	GND CON <b>121.7 348.6</b>	CLNC DEL <b>134.45 363.125</b>
----------------------------	---	-------------------------------------	-------------------------------	-----------------------------------



ELEV	<b>6187</b>	<b>D</b>	TDZE	<b>6187</b>
------	-------------	----------	------	-------------



CATEGORY	A	B	C	D
RNP 0.15 DA		6557/40	370 (400-34)	
RNP 0.25 DA		6644/50	457 (500-1)	
RNP 0.30 DA		6920-2	733 (800-2)	

## AUTHORIZATION REQUIRED



COLORADO SPRINGS, COLORADO

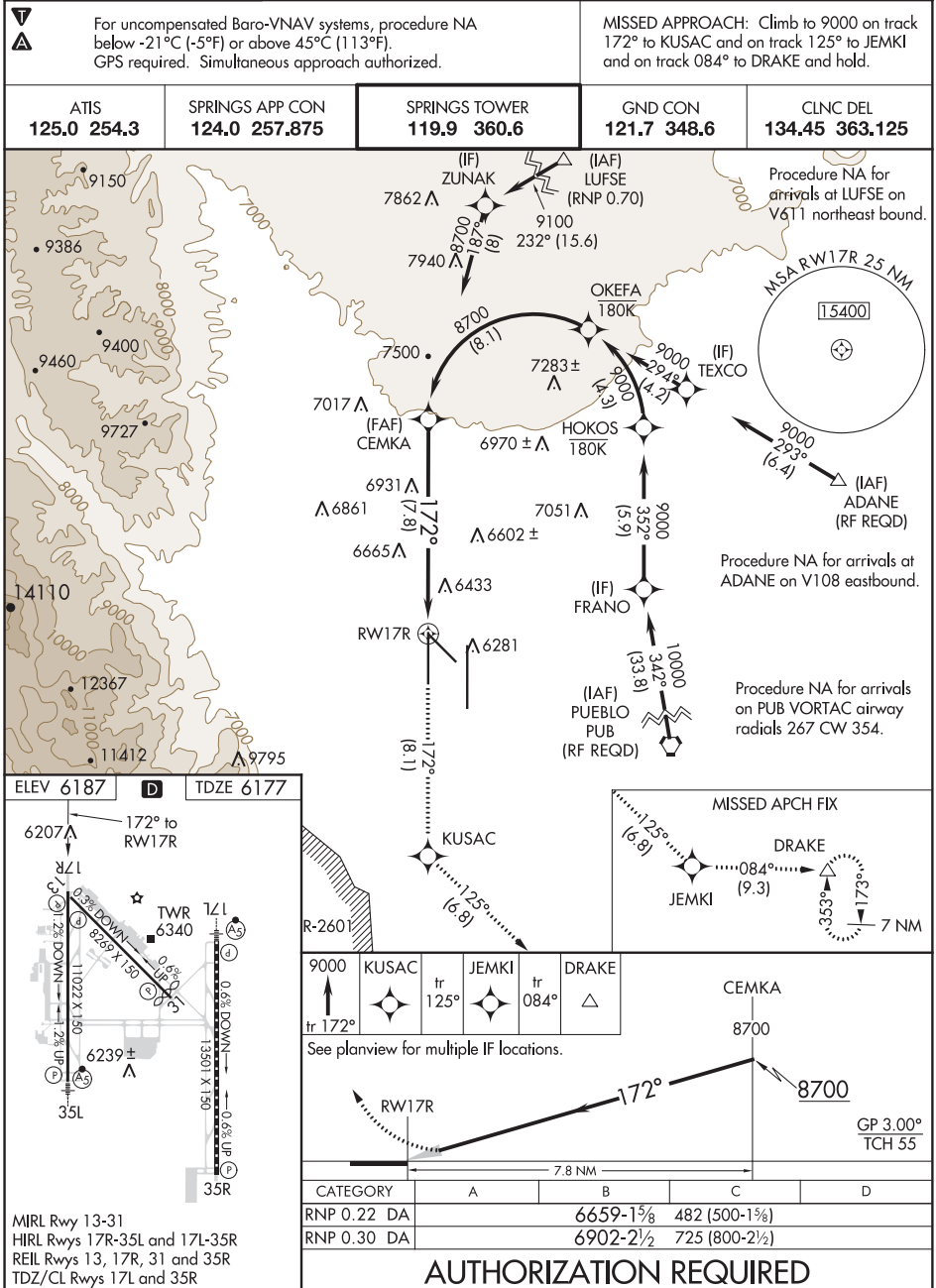
AL-87 (FAA)

19059

APP CRS	Rwy Idg	<b>11022</b>
<b>172°</b>	TDZE	<b>6177</b>
	Apt Elev	<b>6187</b>

# RNAV (RNP) Z RWY 17R

CITY OF COLORADO SPRINGS MUNI (COS)



COLORADO SPRINGS, COLORADO

Amdt 1A 17AUG17

CITY OF COLORADO SPRINGS MUNI (COS)

38°48'N-104°42'W

RNAV (RNP) Z RWY 17R

SW-1, 30 JAN 2020 to 26 MAR 2020

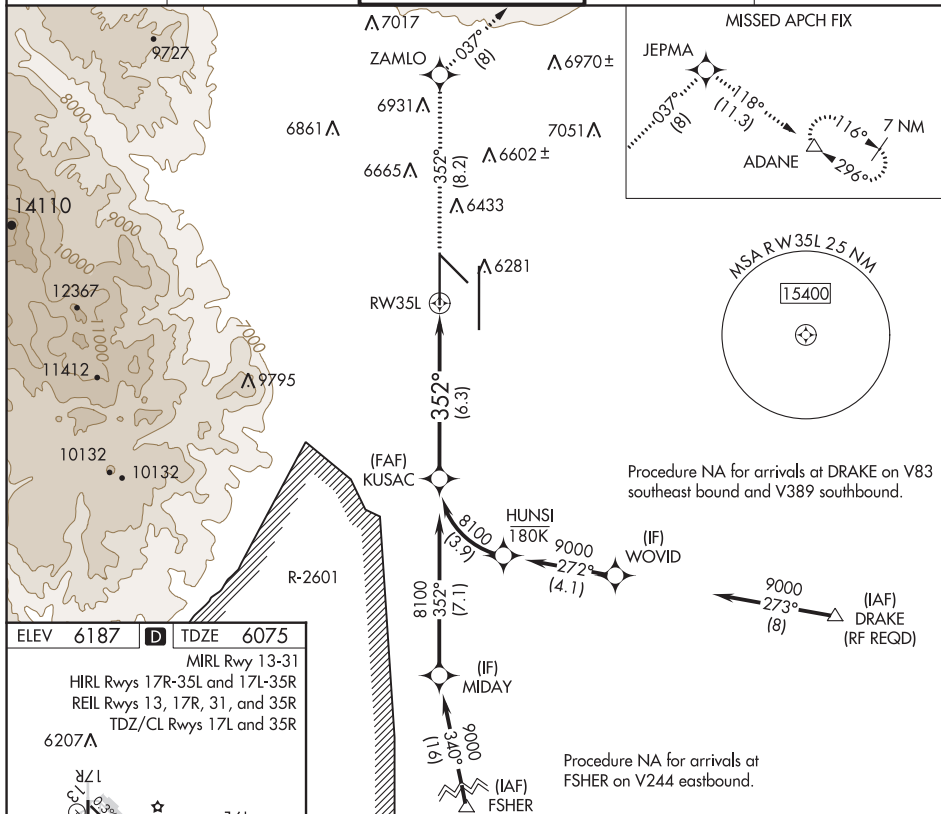
SW-1, 30 JAN 2020 to 26 MAR 2020



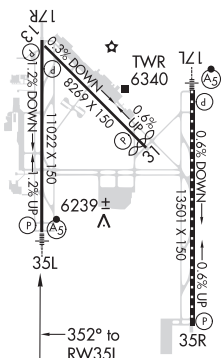
RNAV (RNP) Z RWY 35L  
CITY OF COLORADO SPRINGS MUNI (COS)




**MISSED APPROACH:** Climb to 9000 on track 352° to ZAMLO and on track 037° to JEPMA and on track 118° to ADANE and hold.

CLNC DEL  
134.45 363.125



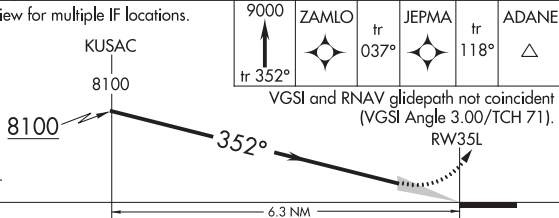
6207A



9000 ↑ tr 352°	ZAMLO 	tr 037°	JEPMA 	tr 118°	ADANE 
----------------------	--	------------	--	------------	--

VGSI and RNAV glidepath not coincident  
(VGSI Angle 3.00/TCH 71).

GP 3.00°  
TCH 55



CATEGORY	A	B	C	D
RNP 0.15 DA		6372/30	297 (200 <sup>-5/6</sup> )	
RNP 0.30 DA		6427/40	352 (300 <sup>-3/4</sup> )	

**AUTHORIZATION REQUIRED**



RNAV (RNP) Z RWY 35R  
CITY OF COLORADO SPRINGS MUNI (COS)

ATIS 125.0 254.3	SPRINGS APP CON 124.0 257,875	SPRINGS TOWER 119.9 360.6	GND CON 121.7 348.6	CLNC DEL 134.45 363.125
---------------------	----------------------------------	------------------------------	------------------------	----------------------------



CITY OF COLORADO SPRINGS MUNI (COS)  
38°48'N-104°42'W RNAV (RNP) Z RWY 35R

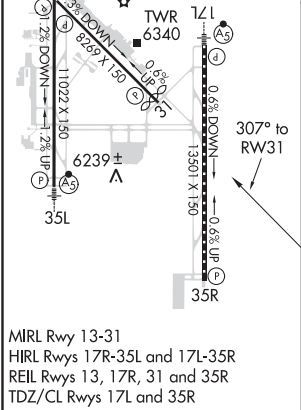
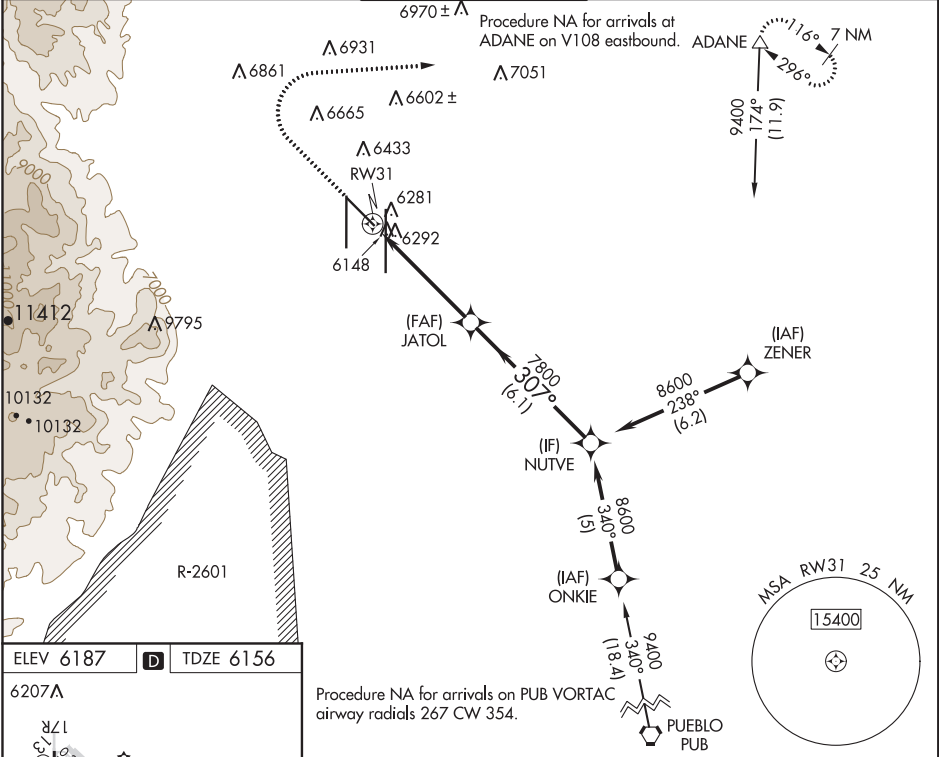


WAAS CH <b>40040</b> <b>W31A</b>	APP CRS <b>307°</b>	Rwy Idg TDZE Apt Elev	<b>7913</b> <b>6156</b> <b>6187</b>
--	------------------------	-----------------------------	---

**RNAV (GPS) RWY 31**  
CITY OF COLORADO SPRINGS MUNI (COS)

DME/DME RNP-0.3 NA.		MISSED APPROACH: Climb to 6700 then climbing right turn to 9000 direct ADANE and hold.		
---------------------	--	--	--	--

ATIS <b>125.0 254.3</b>	SPRINGS APP CON <b>124.0 257.875</b>	SPRINGS TOWER <b>119.9 360.6</b>	GND CON <b>121.7 348.6</b>	CLNC DEL <b>134.45 363.125</b>
----------------------------	---	-------------------------------------	-------------------------------	-----------------------------------



6700 9000 ADANE		NUTVE	
RW31		JATOL	8600
0.8 NM to RW31		7800	
0.8		4.2 NM	6.1 NM
CATEGORY	A	B	C
LP MDA	6440-1	284 (300-1)	6440-7/8 284 (300-7/8)
LNAV MDA	6560-1	404 (400-1)	6560-1 1/8 404 (400-1 1/8)
CIRCLING	6740-1 553 (600-1)	6800-1 613 (700-1)	7040-2 1/2 853 (900-2 1/2) 7260-3 1073 (1100-3)

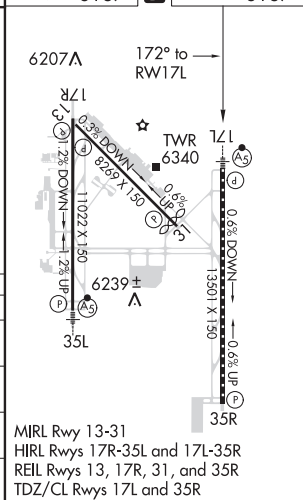
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) Y RWY 17L  
CITY OF COLORADO SPRINGS MUNI (COS)

ATIS 125.0 254.3	SPRINGS APP CON 124.0 257.875	SPRINGS TOWER 119.9 360.6	GND CON 121.7 348.6	CLNC DEL 134.45 363.125
---------------------	----------------------------------	------------------------------	------------------------	----------------------------



CITY OF COLORADO SPRINGS MUNI (COS)

38°48'N-104°42'W

RNAV (GPS) Y RWY 17L

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>72800</b> <b>W17B</b>	APP CRS <b>172°</b>	Rwy Idg TDZE <b>6177</b> Apt Elev <b>6187</b>
--	------------------------	---

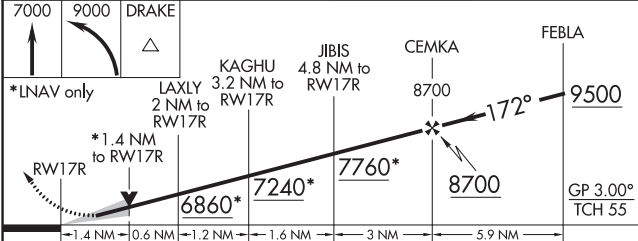
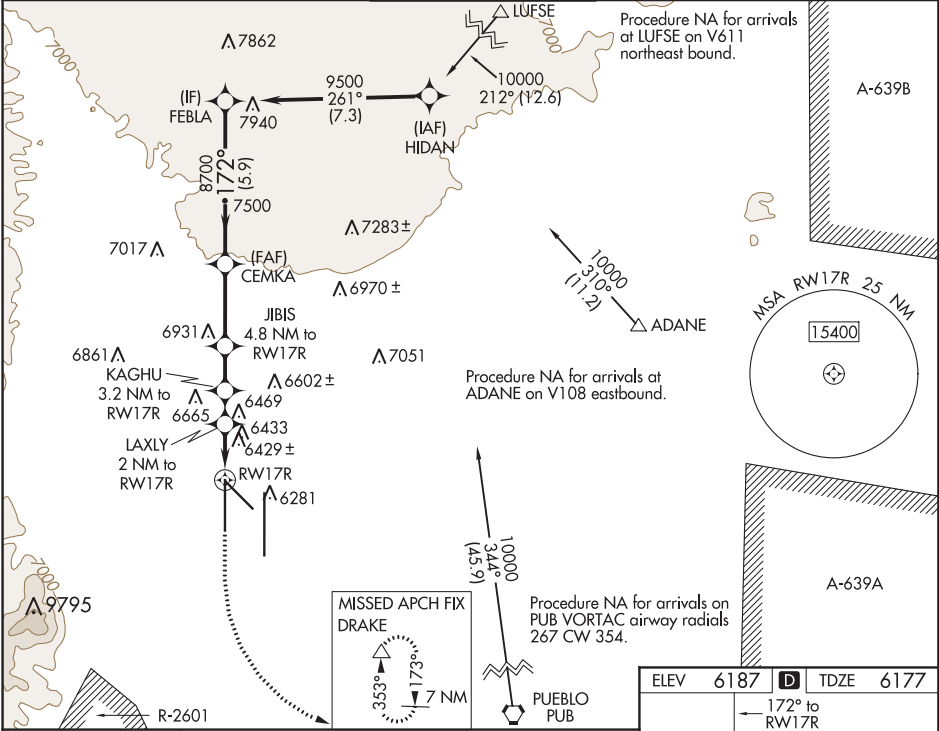
# RNAV (GPS) Y RWY 17R

CITY OF COLORADO SPRINGS MUNI (COS)

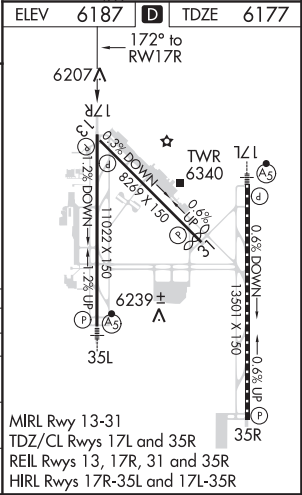
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Simultaneous approach authorized with ILS or LOC RWY 17L and ILS RWY 17L (SA CAT I). LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

**MISSED APPROACH:** Climb to 7000 then climbing left turn to 9000 direct DRAKE and hold.

ATIS <b>125.0 254.3</b>	SPRINGS APP CON <b>124.0 257.875</b>	SPRINGS TOWER <b>119.9 360.6</b>	GND CON <b>121.7 348.6</b>	CLNC DEL <b>134.45 363.125</b>
----------------------------	---	-------------------------------------	-------------------------------	-----------------------------------



CATEGORY	A	B	C	D
LPV DA	6377/40	200 (200-¾)		
LNAV/VNAV DA	6752-2	575 (600-2)		
LNAV MDA	6680/55	503 (500-1)	6680-1⅓	503 (500-1⅓)
CIRCLING	6740-1 553 (600-1)	6800-1 613 (700-1)	7040-2½ 853 (900-2½)	7260-3 1073 (1100-3)



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



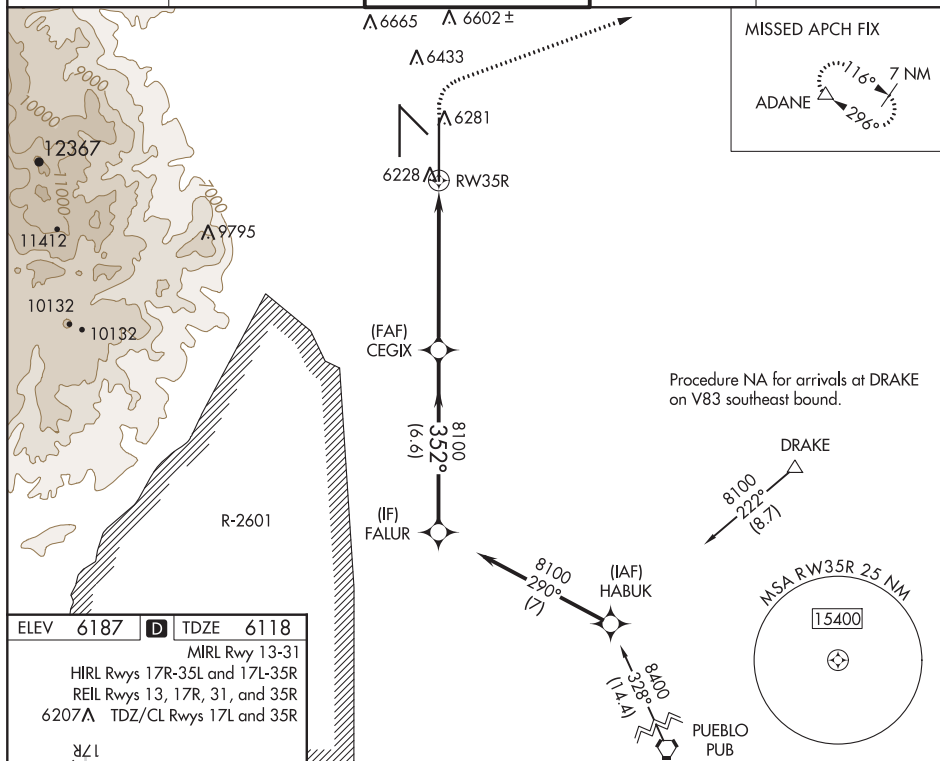




RNAV (GPS) Y RWY 35R  
CITY OF COLORADO SPRINGS MUNI (COS)

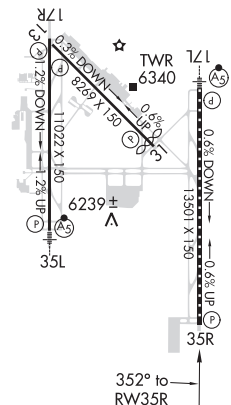
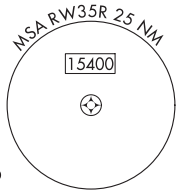
**MISSED APPROACH:** Climb to 6600 then climbing right turn to 9000 direct ADANE and hold.

MISSED APCH FIX

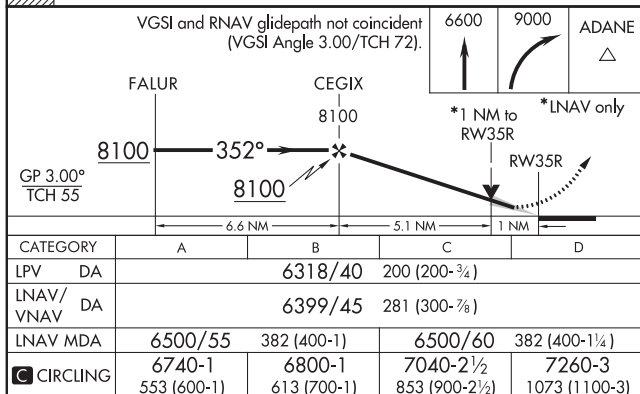


ELEV	6187	D	TDZE	6118
------	------	---	------	------

MIRL Rwy 13-31  
HIRL Rwy 17R-35L and 17L-35R  
REIL Rwy 13, 17R, 31, and 35R  
6207A TDZ/CL Rwy 17L and 35R



VGSI and RNAV glidepath not coincident  
(VGSI Angle 3.00/TCH 72).



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



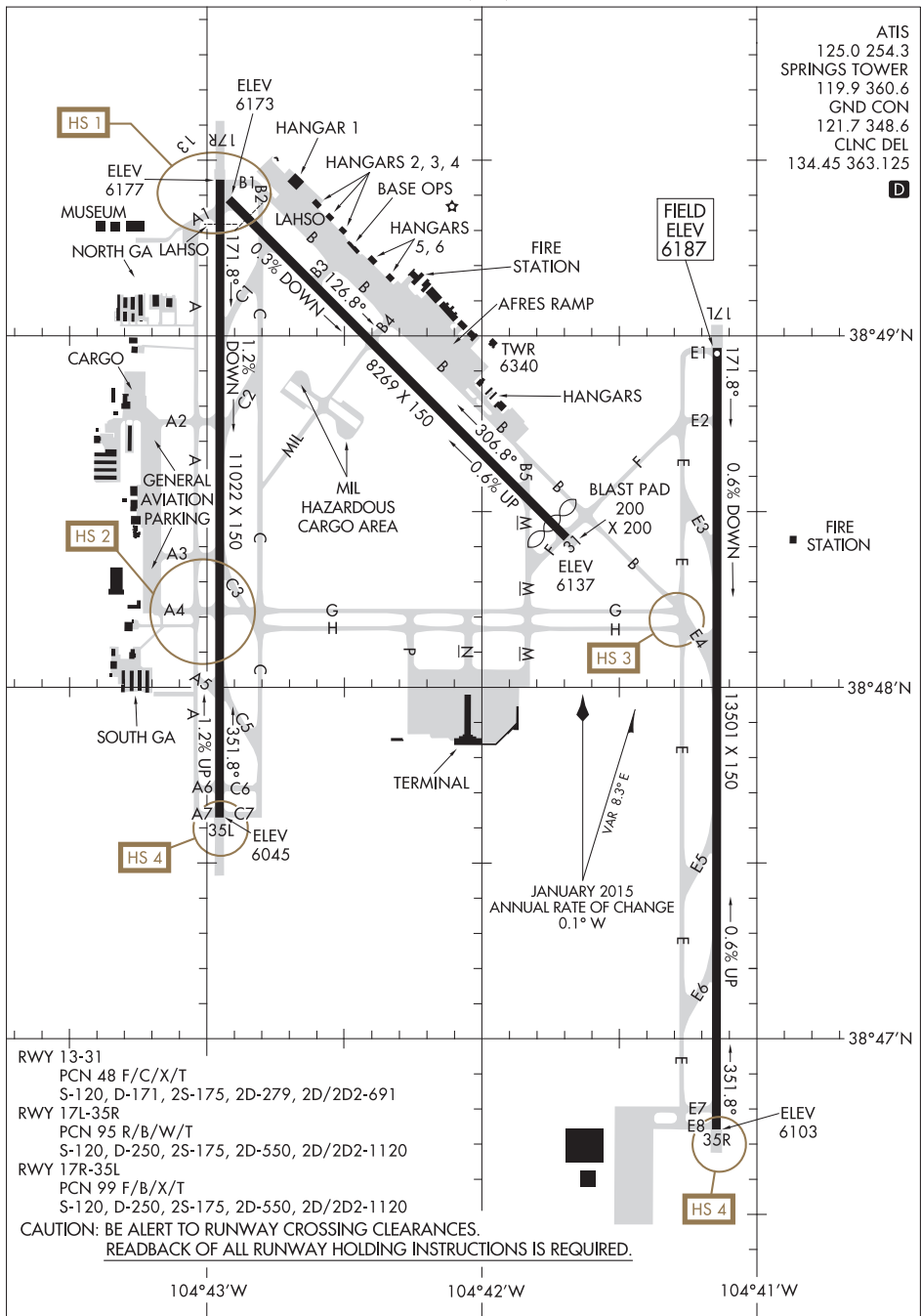




## AIRPORT DIAGRAM

AL-87 (FAA)

COLORADO SPRINGS, COLORADO



# AIRPORT DIAGRAM

COLORADO SPRINGS, COLORADO

CITY OF COLORADO SPRINGS MUNI (COS)

19059

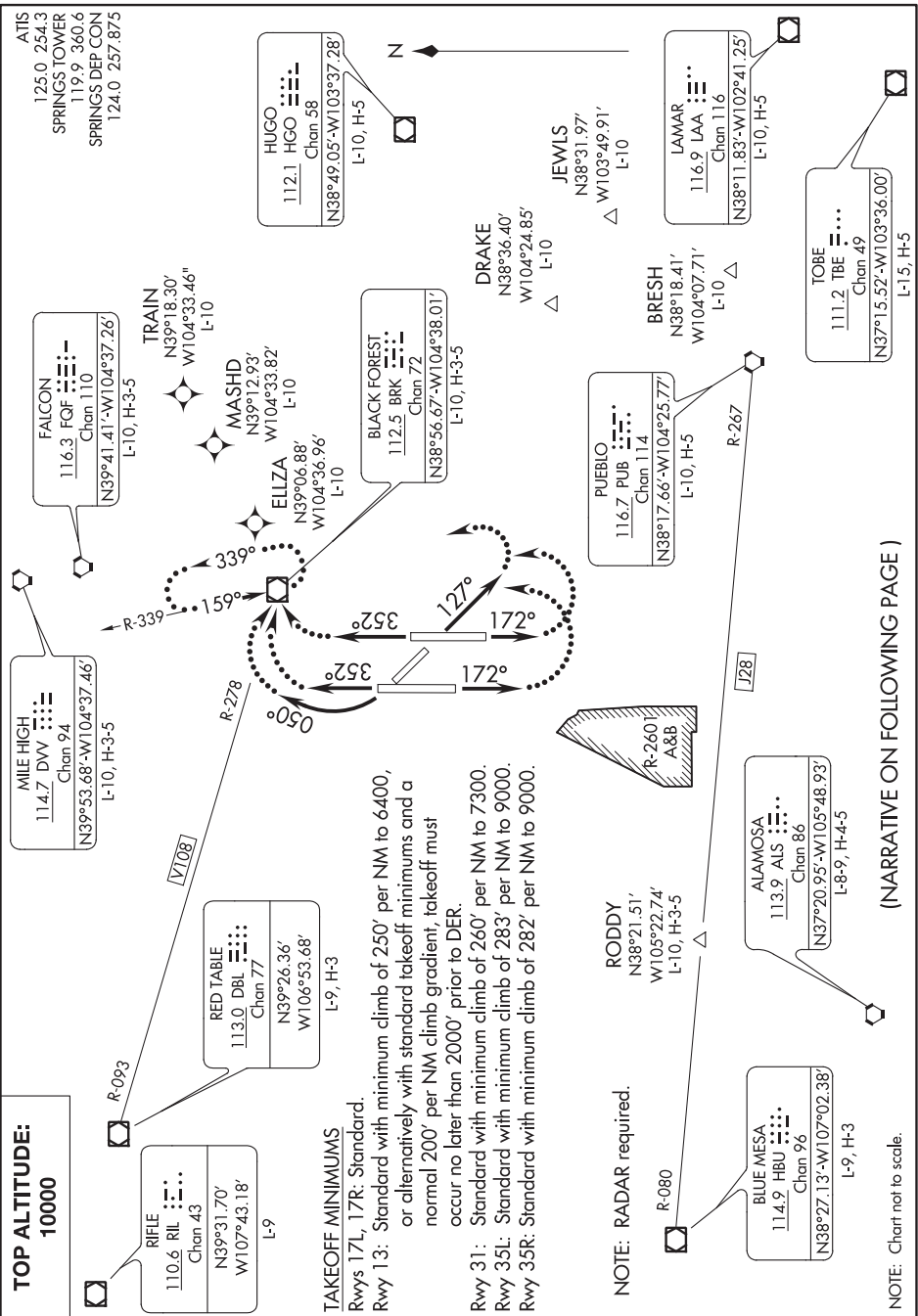


SPRINGS SIX DEPARTURE

AL-87 (FAA)

CITY OF COLORADO SPRINGS MUNI (COS)  
COLORADO SPRINGS, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



SPRINGS SIX DEPARTURE

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb heading 127° for RADAR vectors to filed/assigned route, thence. . . .

TAKEOFF RUNWAY 17L: Climb heading 172° for RADAR vectors to filed/assigned route, thence. . . .

TAKEOFF RUNWAY 17R: Climb heading 172° for RADAR vectors to filed/assigned route, thence. . . .

TAKEOFF RUNWAY 35R: Climb heading 352° for RADAR vectors to filed/assigned route, thence. . . .

TAKEOFF RUNWAY 35L: Climb heading 352° for RADAR vectors to filed/assigned route, thence. . . .

TAKEOFF RUNWAY 31: Climbing right turn heading 050° for RADAR vectors to filed/assigned route, thence. . . .

. . . . maintain 10000. Expect clearance to filed altitude/flight level ten minutes after departure.

LOST COMMUNICATIONS: If not in contact with departure control within 1 minute after departure from runways 13 and 17L/R turn left, from runway 31 and 35L/R turn right direct BRK VOR/DME, thence via filed/assigned route.

AIRCRAFT FILED V108 WESTBOUND: Continue climb in holding pattern to cross BRK VOR/DME at or above 14000.



CORTEZ, COLORADO

AL-112 (FAA)

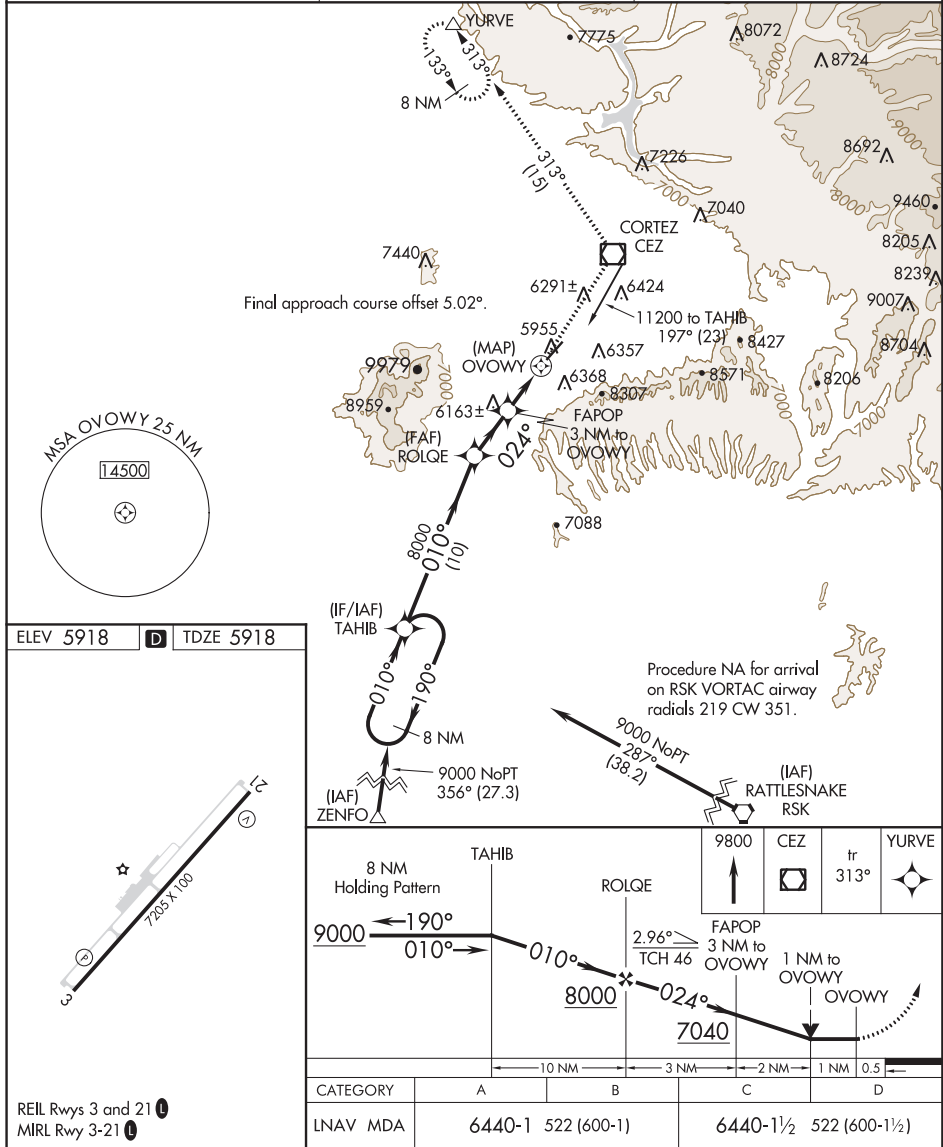
19227

APP CRS <b>024°</b>	Rwy Idg TDZE Apt Elev	<b>7205</b> <b>5918</b> <b>5918</b>
------------------------	-----------------------------	---

# **RNAV (GPS) RWY 3** CORTEZ MUNI (CEZ)

RNP APCH.	MISSED APPROACH: Climb to 9800 direct CEZ VOR/DME and on track 313° to YURVE and hold.
<div> <div></div> <div></div> </div> <p>Rwy 3 helicopter visibility reduction below ¾ SM NA.</p>	

ASOS <b>135.625</b>	DENVER CENTER <b>118.575 348.7</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	---------------------------------------	---------------------------------



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

CORTEZ, COLORADO

Orig-B 18JUL19

37°18'N-108°38'W

# **RNAV (GPS) RWY 3** CORTEZ MUNI (CEZ)



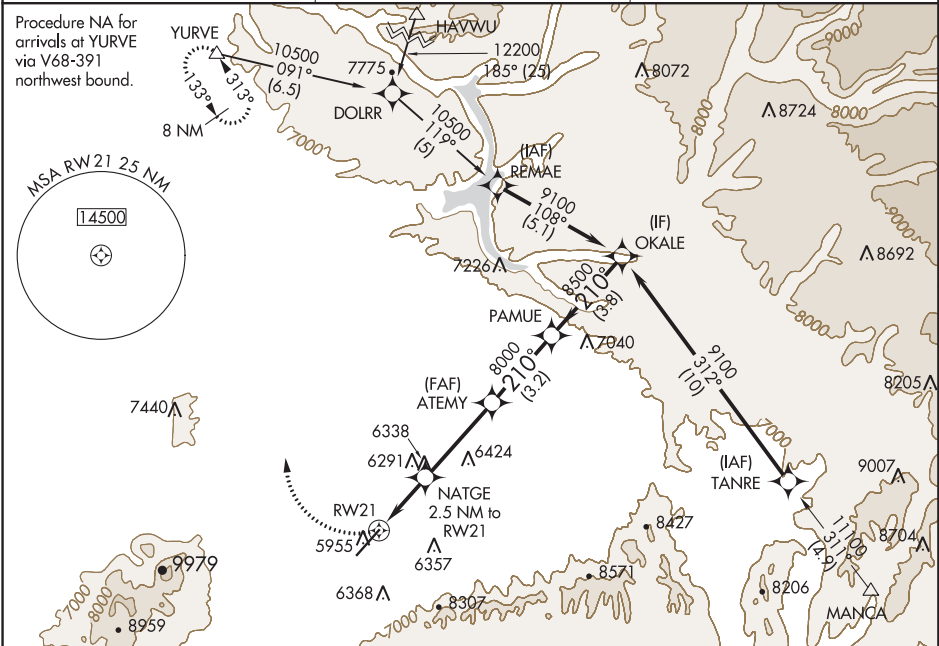
APP CRS	Rwy Idg	7205
210°	TDZE	5913
	Apt Elev	5918

# RNAV (GPS) Y RWY 21

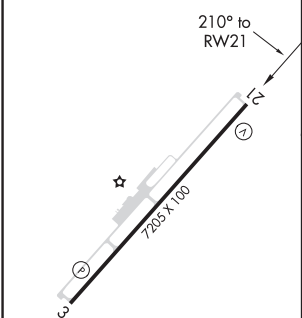
CORTEZ MUNI (C'EZ)

<div><div></div><div></div></div> <p>DME/DME RNP-0.3 NA. When VGSI inop, procedure NA at night.</p>	MISSED APPROACH: Climbing right turn to 9800 direct YURVE and hold.
---	---

ASOS 135.625	DENVER CENTER 118.575 348.7	UNICOM 122.8 (CTAF) <b>U</b>
-----------------	--------------------------------	---------------------------------



ELEV 5918	<b>D</b>	TDZE 5913
-----------	----------	-----------



	YURVE	ATEMY	PAMUE	OKALE
	9800			9100
		NATGE 2.5 NM to RW21		
		6740	8000	8500
		3.15° TCH 50		
		2.5 NM	3.6 NM	3.2 NM
			3.8 NM	
CATEGORY	A	B	C	D
LNAV MDA	6560-1 647 (700-1)		6560-1¾ 647 (700-1¾)	6560-2 647 (700-2)
CIRCLING	6560-1 642 (700-1)		6600-2 682 (700-2)	6800-3 882 (900-3)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



CORTEZ, COLORADO

AL-112 (FAA)

19227

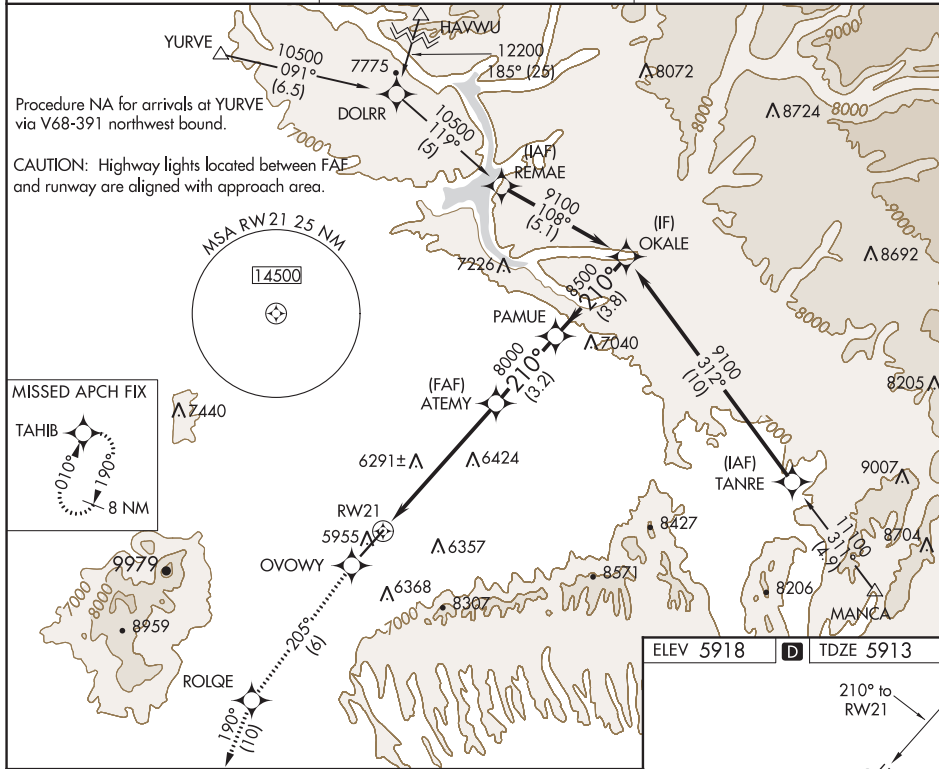
WAAS CH <b>99699</b> <b>W21A</b>	APP CRS <b>210°</b>	Rwy Idg <b>7205</b> TDZE <b>5913</b> Apt Elev <b>5918</b>
--	------------------------	---

# RNAV (GPS) Z RWY 21

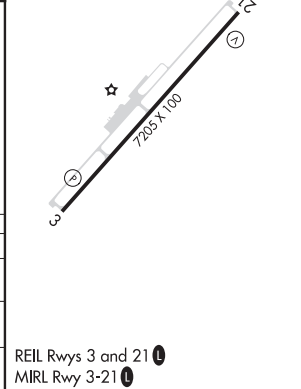
CORTEZ MUNI (C/EZ)

RNP APCH.	MISSED APPROACH: Climb to 9000 direct OVOWY and via 205° track to ROLQE and via 190° track to TAHIB and hold.
	When VGSi inop, procedure NA at night.

ASOS <b>135.625</b>	DENVER CENTER <b>118.575 348.7</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	---------------------------------------	---------------------------------



9000	OVOWY	tr 205°	ROLQE	tr 190°	TAHIB	PAMUE	OKALE
VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 50).							
RW21		ATEMY		8000		210° 9100	
6.1 NM		3.2 NM		3.8 NM		Procedure Turn NA GP 3.10° TCH 50	
CATEGORY	A	B	C	D			
LPV DA	6215-1 302 (300-1)						
LNAV/VNAV DA	NA						
LNAV MDA	7140-1¼ 1227 (1300-1¼)	7140-1½ 1227 (1300-1½)	7140-3	1227 (1300-3)			



CORTEZ, COLORADO

Orig-B 18JUL19

37°18'N-108°38'W

CORTEZ MUNI (C/EZ)

# RNAV (GPS) Z RWY 21

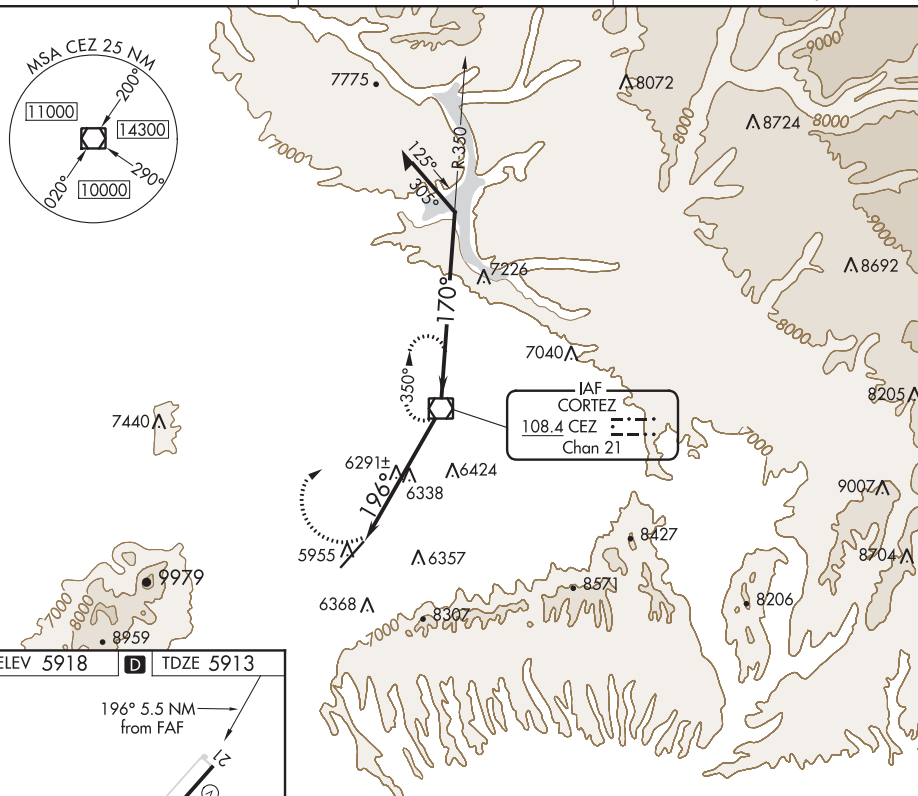
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



VOR RWY 21  
CORTEZ MUNI (CEZ)

**MISSED APPROACH:** Climbing right turn to 9800 direct to CEZ VOR/DME and hold.

UNICOM  
122.8 (CTAF) **L**

CATEGORY	A	B	C	D
S-21	6660-1 747 (800-1)	6660-1¼ 747 (800-1¼)	6660-2 747 (800-2)	6660-2¼ 747 (800-2¼)
CIRCLING	6660-1 742 (800-1)	6660-1¼ 742 (800-1¼)	6660-2¼ 742 (800-2¼)	6800-3 882 (900-3)

SW-1, 30 JAN 2020 to 26 MAR 2020



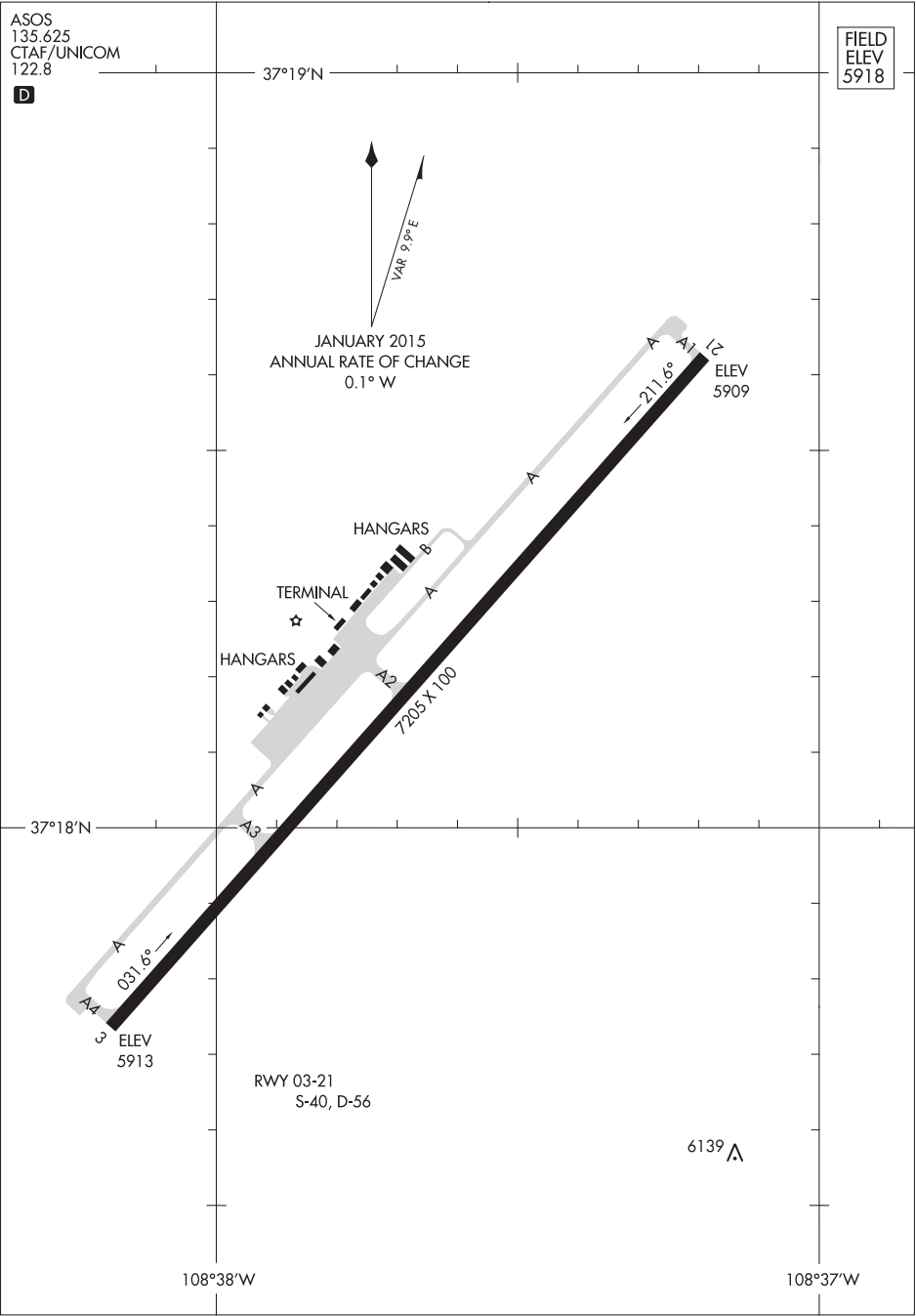
ASOS  
135.625  
CTAF/UNICOM  
122.8

D

FIELD  
ELEV  
5918

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





ASOS  
135.625  
DENVER CENTER  
118.575 348.7  
CTAF  
122.8

LEDVE  
N37°27.61'  
W108°40.73'

TAKEOFF OBSTACLE NOTES

Rwy 3: Bush 298' from DER, 247' right of centerline, 2' AGL/5921' MSL.  
Vehicle on road 547' from DER, 462' left of centerline, 15' AGL/5934' MSL.  
Vent on building 900' from DER, 566' left of centerline, 16' AGL/5935' MSL.  
Trees beginning 966' from DER, 327' left of centerline, up to 57' AGL/6196' MSL.  
Poles beginning 1160' from DER, 518' left of centerline, up to 81' AGL/6080' MSL.

Rwy 21: Bushes beginning 153' from DER, 237' left of centerline, up to 10' AGL/6049' MSL.  
Trees beginning 1902' from DER, 422' left of centerline, up to 64' AGL/5983' MSL.  
OL on pole 4573' from DER, 493' left of centerline, 26' AGL/6045' MSL.

NOTE: DME required.

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 220' per NM to 6300, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1600' prior to departure end of runway, or 4300-3 for climb in visual conditions.  
Rwy 21: Standard, or, 4300-3 for climb in visual conditions.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn to 7000 on CEZ R-193 to CEZ VOR/DME. Continue climbing left turn to 8400 on CEZ R-293 to LEDVE/CEZ 7 DME, then climbing left turn to 9800 on CEZ R-293 to CEZ VOR/DME. Cross CEZ VOR/DME at or above 9800 for route of flight, or, for climb in visual conditions, cross Cortez Muni at or above 10100. Thence. . . .

TAKEOFF RUNWAY 21: Climbing left turn to 7900 on CEZ R-200 to ODROE/CEZ 17 DME, then climbing left turn to 9800 on CEZ R-200 to CEZ VOR/DME. Cross CEZ VOR/DME at or above 9800 for route of flight, or, for climb in visual conditions, cross Cortez Muni at or above 10100. Thence. . . .

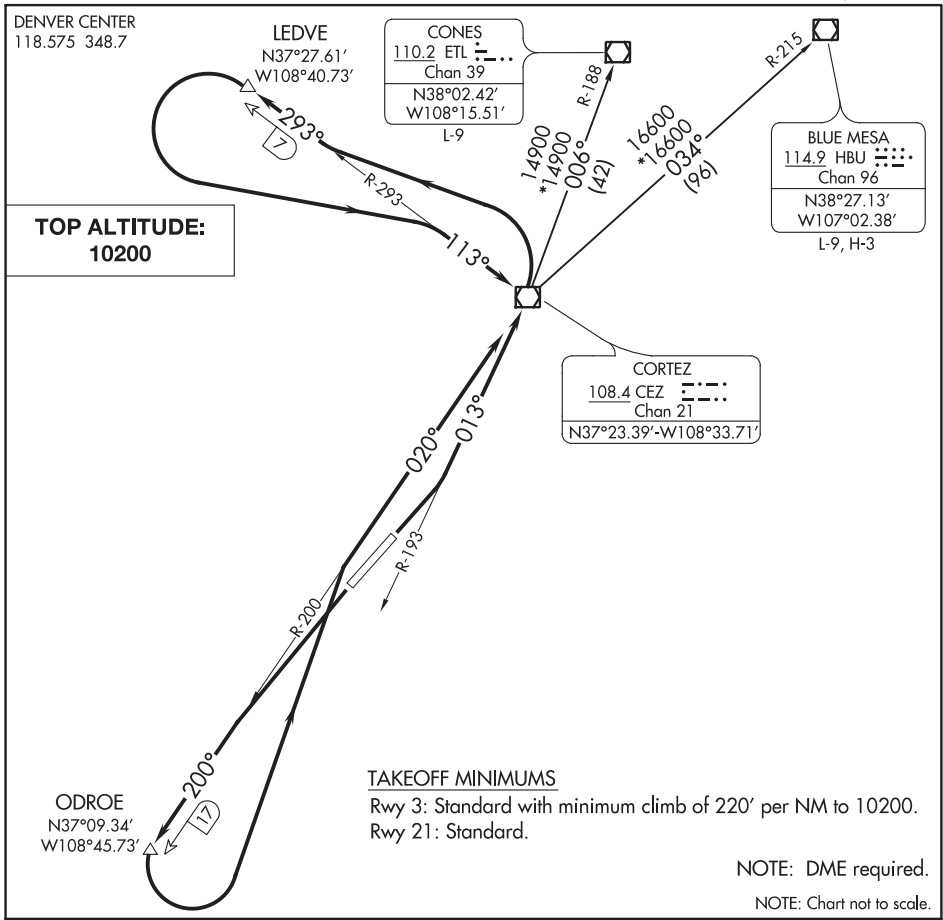
. . . .via (assigned route).



(CEZ2.CEZ) 18312

CORTEZ TWO DEPARTURE

CORTEZ MUNI (CEZ)  
CORTEZ, COLORADO



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn to 7100 on CEZ R-193 to CEZ VOR/DME. Continue climbing left turn to 8600 on CEZ R-293 to LEDVE/CEZ 7 DME, then climbing left turn to 10200 on CEZ R-293 to CEZ VOR/DME. Cross CEZ VOR/DME at or above 10200 for route of flight. Thence. . .

TAKEOFF RUNWAY 21: Climbing left turn to 7900 on CEZ R-200 to ODROE/CEZ 17 DME, then climbing left turn to 10200 on CEZ R-200 to CEZ VOR/DME. Cross CEZ VOR/DME at or above 10200 for route of flight. Thence. . .

. . . via (transition) or (assigned route).

BLUE MESA TRANSITION (CEZ2.HBU): From over CEZ VOR/DME on CEZ R-034 and HBU R-215 to HBU VOR/DME.

CONES TRANSITION (CEZ2.ETL): From over CEZ VOR/DME on CEZ R-006 and ETL R-188 to ETL VOR/DME.

CORTEZ TWO DEPARTURE

(CEZ2.CEZ) 21JUL16

CORTEZ, COLORADO  
CORTEZ MUNI (CEZ)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>61341</b> <b>W07A</b>	APP CRS <b>074°</b>	Rwy Idg TDZE <b>6193</b> Apt Elev <b>6198</b>
--	------------------------	---

RNAV (GPS) RWY 7

CRAIG-MOFFAT (CAG)

RNP APCH.

⚠

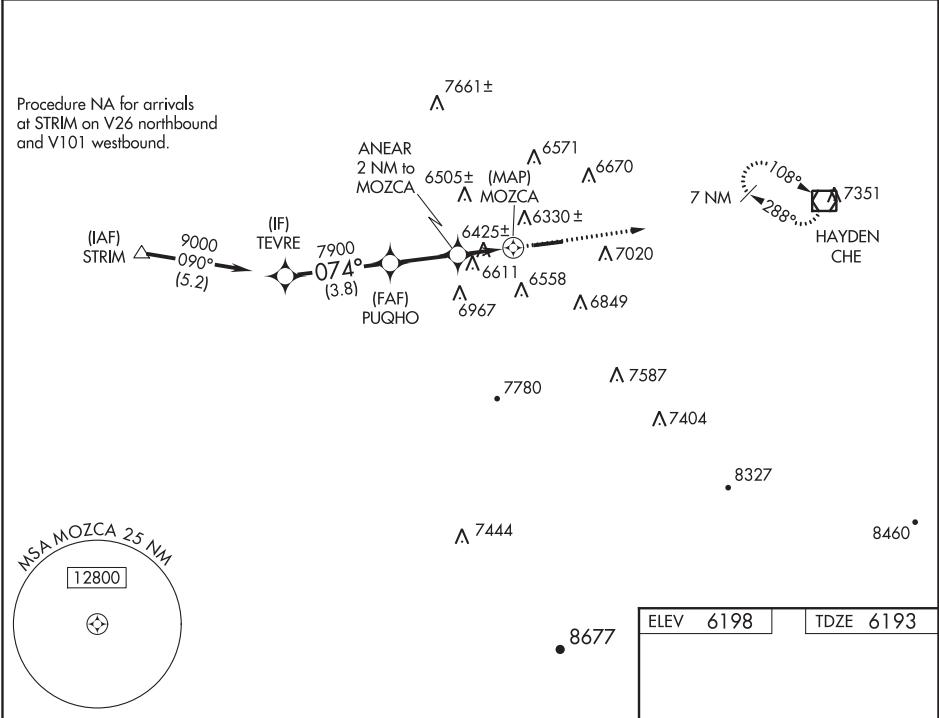
⚠

⚠

Circling NA for Cat D south of Rwy 7-25.  
Rwy 7 helicopter visibility reduction below ¾ SM NA.  
Circling Rwy 25 NA at night.

MISSED APPROACH: Climb to 10000 direct  
CHE VOR/DME and hold, continue climb-  
in-hold to 10000.

ASOS <b>135.425</b>	DENVER CENTER <b>120.475 235.975</b>	UNICOM <b>122.8</b> (CTAF)
------------------------	---	-------------------------------



TEVRE

9000

074°

7900

PUGHO

7100

3.8 NM

2.5 NM

1 NM

1

0.8

10000

CHE

5606 X 100

25

CATEGORY	A	B	C	D
LP MDA	6800-1	607 (700-1)	6800-1¾	607 (700-1¾)
LNNAV MDA	6880-1	687 (700-1)	6880-2	687 (700-2)
CIRCLING	7180-1¼ 982 (1000-1¼)	7320-1½ 1122 (1200-1½)	7720-3	1522 (1600-3)

REIL Rwys 7 and 25

MIRL Rwy 7-25



CRAIG, COLORADO

AL-6338 (FAA)

18144

WAAS CH <b>93841</b> <b>W25A</b>	APP CRS <b>254°</b>	Rwy Idg TDZE <b>6198</b> Apt Elev <b>6198</b>
--	------------------------	---

# RNAV (GPS) RWY 25

CRAIG-MOFFAT (CAG)

RNP APCH.

**V**  
**A**  
**26**-26°C

Circling NA for Cat D south of Rwy 7-25. Straight-in and Circling Rwy 25 NA at night. Rwy 25 helicopter visibility reduction below 1 SM NA.

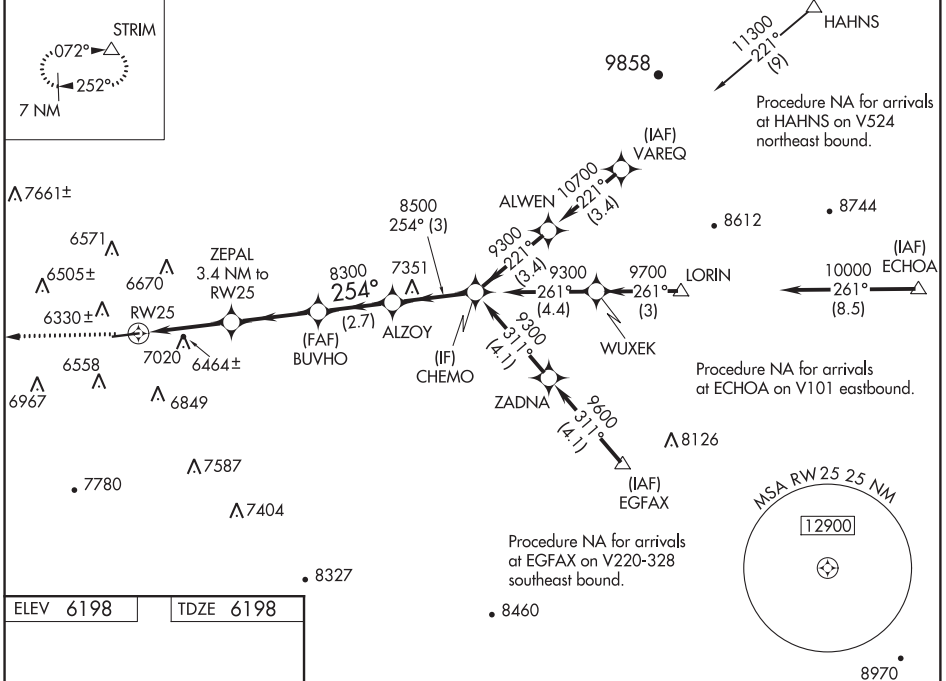
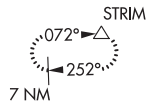
MISSED APPROACH: Climbing right turn to 10000 direct STRIM and hold, continue climb-in-hold to 10000.

ASOS  
**135.425**

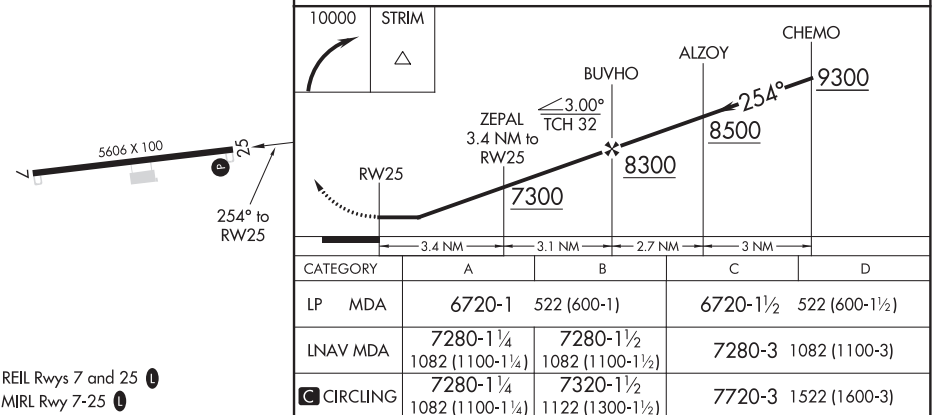
DENVER CENTER  
**120.475 235.975**

UNICOM  
**122.8 (CTAF) 0**

MISSED APCH FIX



ELEV **6198** TDZE **6198**



CRAIG, COLORADO

Orig 24MAY18

40°30'N-107°31'W

CRAIG-MOFFAT (CAG)

# RNAV (GPS) RWY 25



SW-1, 30 JAN 2020 to 26 MAR 2020

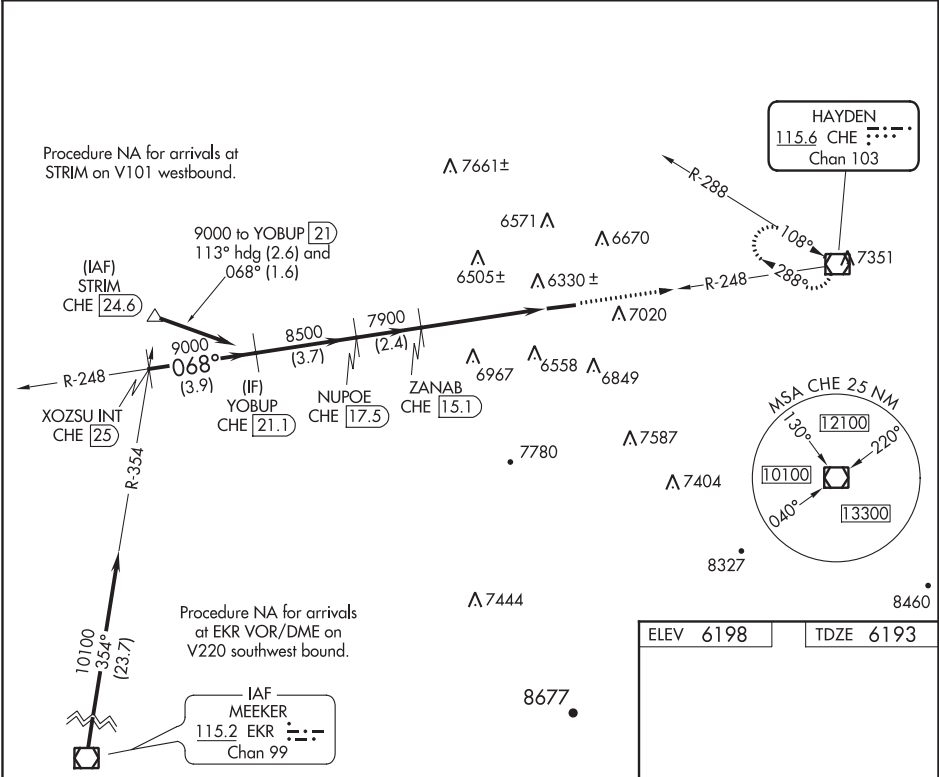
SW-1, 30 JAN 2020 to 26 MAR 2020



VOR/DME CHE	APP CRS	Rwy Idg	5606
115.6	068°	TDZE	6193
Chan 103		Apt Elev	6198

VOR RWY 7  
CRAIG-MOFFAT (CAG)

DME Required.		MISSED APPROACH: Climb to 9200 on CHE R-248 to CHE VOR/DME and hold.
	Circling Rwy 25 NA at night. Rwy 7 helicopter visibility reduction below 3/4 SM NA. Circling NA for Cat D south of Rwy 7-25.	
	-26°C	
ASOS	DENVER CENTER	UNICOM
135.425	120.475 235.975	122.8 (CTAF) 0



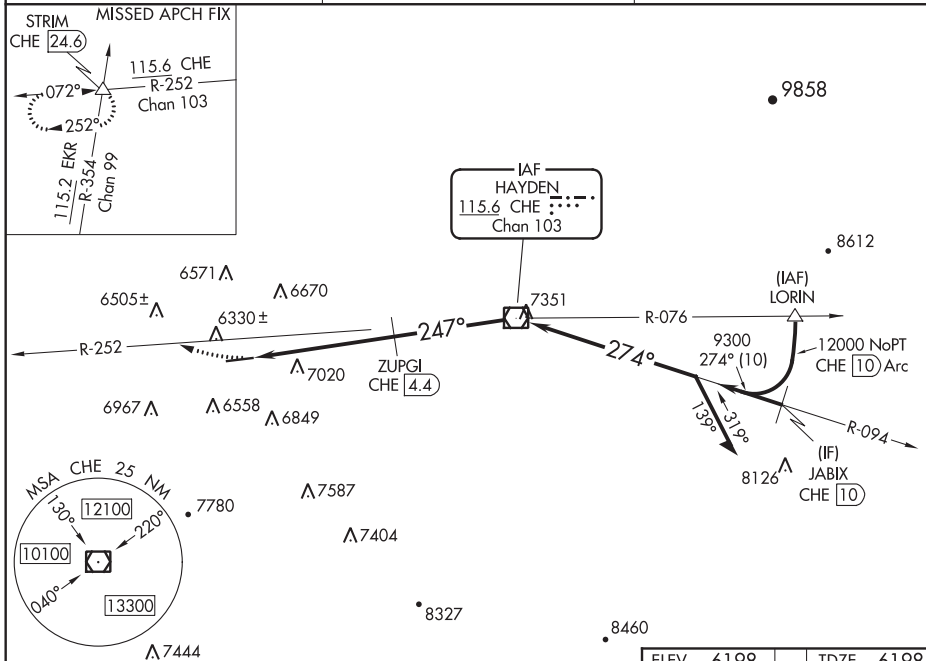
YOBU CHE [21.1]		NUPOE CHE [17.5]	ZANAB CHE [15.1]	CHE [13.4]	CHE [10.5]	9200 CHE
9000		8500	7900	3.40 TCH 40		R-248
068°						
3.7 NM		2.4 NM	1.7 NM	2.9		
CATEGORY	A	B	C	D		
S-7	7280-1¼ 1087 (1100-1¼)	7280-1½ 1087 (1100-1½)	7280-3 1087 (1100-3)			
CIRCLING	7280-1¼ 1082 (1100-1¼)	7320-1½ 1122 (1200-1½)	7720-3 1522 (1600-3)			
REIL Rwys 7 and 25 0						
MIRL Rwy 7-25 0						
FAF to MAP 4.6 NM						
Knots	60	90	120	150	180	
Min:Sec	4:38	3:05	2:19	1:51	1:33	



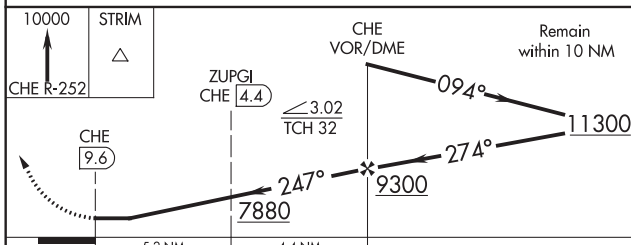
VOR RWY 25  
CRAIG-MOFFAT (CAG)

**MISSED APPROACH:** Climb to 10000 on CHE VOR/DME R-252 to STRIM INT/24.6 DME and hold.

UNICOM  
122.8 (CTAF) **L**



ELEV	6198		TDZE	6198
------	------	--	------	------



CATEGORY	3.2 NM		4.4 NM	
	A	B	C	D
S-25	7880-1¼ 1682 (1700-1¼)	7880-1½ 1682 (1700-1½)	7880-3	1682 (1700-3)
<b>C</b> CIRCLING	7880-1¼ 1682 (1700-1¼)	7880-1½ 1682 (1700-1½)	7880-3	1682 (1700-3)
ZUPGI FIX MINIMUMS				
S-25	7280-1¼ 1082 (1100-1¼)	7280-1½ 1082 (1100-1½)	7280-3	1082 (1100-3)
<b>C</b> CIRCLING	7280-1¼ 1082 (1100-1¼)	7320-1½ 1122 (1200-1½)	7720-3	1522 (1600-3)

REIL Rwy 7 and 25 **L**  
MIRL Rwy 7-25 **L**

FAF to MAP 9.6 NM

Knots	60	90	120	150	180
Min:Sec	9:36	6:24	4:48	3:50	3:12

CRAIG-MOFFAT (CAG)  
VOR RWY 25

SW-1, 30 JAN 2020 to 26 MAR 2020



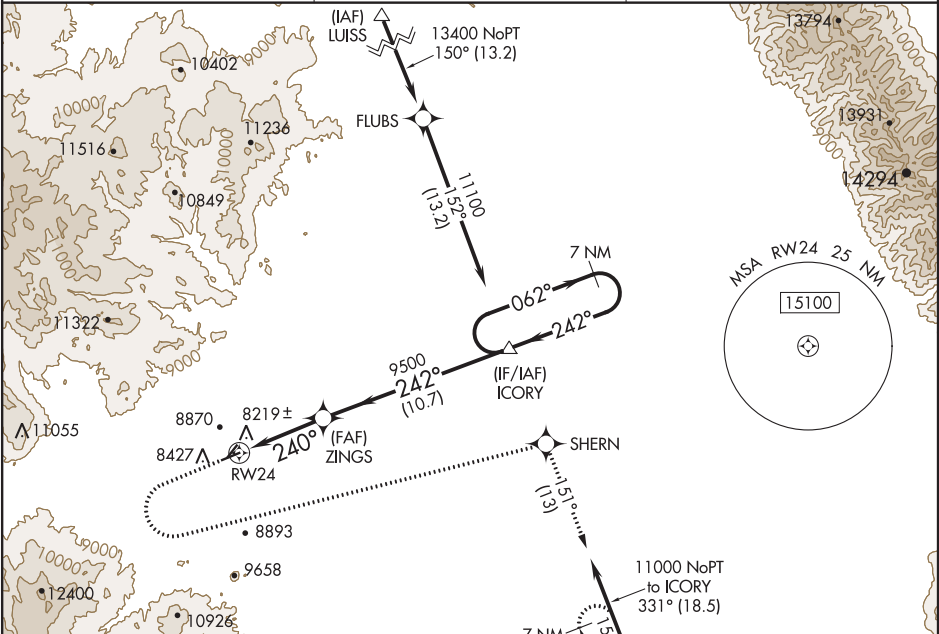
WAAS CH <b>93740</b> W24A	APP CRS <b>240°</b>	Rwy ldg TDZE Apt Elev	<b>6051</b> <b>7913</b> <b>7955</b>
---------------------------------	------------------------	-----------------------------	---

**RNAV (GPS) RWY 24**  
ASTRONAUT KENT ROMINGER (RCV)

**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -30°C (-22°F) or above 54°C (130°F). Circling NA northwest of Rwy 6-24. Circling Rwy 6 NA at night. DME/DME RNP-0.3 NA. Circling NA to Rwy 3/21.

**MISSED APPROACH:** Climb to 8600 then climbing left turn to 11100 direct SHERN and on track 151° to HOMME and hold. #Missed approach requires a minimum climb of 310 feet per NM to 9200.

AWOS-3PT <b>118.275</b>	DENVER CENTER <b>128.375 379.95</b>	CTAF <b>122.90</b>
----------------------------	--	-----------------------



ELEV <b>7955</b>	TDZE <b>7913</b>
------------------	------------------

**8600** **11100** **SHERN** **HOMME**

↑

tr 151°

**\*LNAV only**

**ZINGS**

**\*2.3 NM to RW24**

**9500** **240°** **242°** **062°** **11100**

**2.3 NM** **2.6 NM** **10.7 NM**

**GP 3.00° TCH 51**

CATEGORY	A	B	C	D
LPV DA #	8163-1	250 (300-1)		NA
LPV DA	8220-1 1/8	307 (300-1 1/8)		NA
LNAV/VNAV DA	8443-1 7/8	530 (500-1 1/8)		NA
LNAV MDA	8680-1 767 (800-1)	8680-1 1/4 767 (800-1 1/4)		NA
CIRCLING	8700-1 745 (800-1)	8840-1 1/4 885 (900-1 1/4)		NA



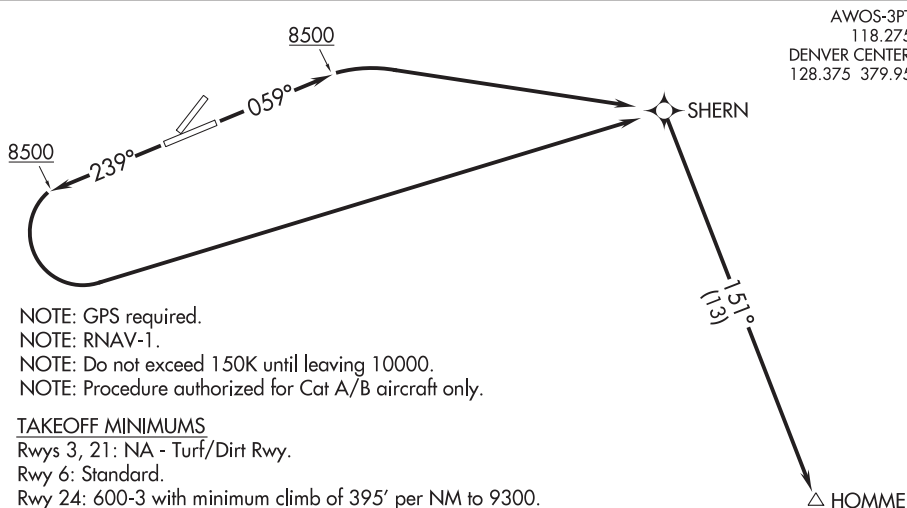
(HOMME1.HOMME) 17285

## HOMME ONE DEPARTURE (OBSTACLE) (RNAV)

ASTRONAUT KENT ROMINGER (R/CV)

AL-11002 (FAA)

DEL NORTE, COLORADO



## TAKEOFF OBSTACLE NOTES

- Rwy 6: REIL 38' from DER, 76' left of centerline, 3' AGL/7891' MSL. REIL 38' from DER, 77' right of centerline, 4' AGL/7891' MSL. Terrain 90' from DER, 460' left of centerline, 7892' MSL. Bush 140' from DER, 373' left of centerline, 2' AGL/7894' MSL. Terrain 172' from DER, 528' left of centerline, 7895' MSL. Bush 240' from DER, 428' left of centerline, 7896' MSL. Terrain 4704' from DER, 1659' left of centerline, 8008' MSL. Terrain 4729' from DER, 1763' left of centerline, 8014' MSL. Terrain and tree beginning 4807' from DER, 1468' left of centerline, up to 8028' MSL.
- Rwy 24: Terrain 11' from DER, 153' right of centerline, 7958' MSL. Terrain and bush beginning 15' from DER, 243' right of centerline, up to 7973' MSL. Terrain and bush beginning 234' from DER, 222' right of centerline, up to 7976' MSL. Terrain and bush beginning 518' from DER, 428' right of centerline, up to 7977' MSL. Terrain 619' from DER, 583' right of centerline, 7979' MSL. Terrain and bush beginning 703' from DER, 514' right of centerline, up to 7983' MSL. Bush 818' from DER, 654' right of centerline, 7984' MSL. Vehicles on road and terrain beginning 926' from DER, 583' right of centerline, up to 8002' MSL. Terrain 1335' from DER, 763' left of centerline, 7999' MSL. Terrain beginning 1389' from DER, 591' left of centerline, 8000' MSL. Bush 1462' from DER, 742' left of centerline, 8037' MSL. Terrain and tree beginning 1534' from DER, 482' left of centerline, up to 8065' MSL. Terrain beginning 1683' from DER, 413' left of centerline, up to 8106' MSL. Terrain beginning 1900' from DER, 499' left of centerline, up to 8147' MSL. Terrain beginning 2006' from DER, 400' left of centerline, up to 8191' MSL. Terrain beginning 2059' from DER, 428' left of centerline, up to 8195' MSL. Terrain and bush beginning 2164' from DER, 332' left of centerline, up to 8210' MSL. Terrain and bush beginning 2270' from DER, 427' left of centerline, up to 8228' MSL. Terrain 5615' from DER, 1931' right of centerline, 8099' MSL. Terrain, antenna and general utility beginning 5649' from DER, 1089' left of centerline, up to 5' AGL/8274' MSL. Terrain 6019' from DER, 1834' right of centerline, 8128' MSL. Terrain 6019' from DER, 1932' right of centerline, 8141' MSL. Terrain beginning 1 NM from DER, 1655' right of centerline, up to 8208' MSL. Terrain bush and tree beginning 1 NM from DER, 875' right of centerline, up to 8435' MSL. General utility and terrain beginning 1 NM from DER, 1840' right of centerline, up to 5' AGL/8427' MSL. Terrain, fence, tree and transmission tower beginning 1.7 NM from DER, 295' right of centerline, up to 8503' MSL. Terrain beginning 1.9 NM from DER, 63' left of centerline, up to 8352' MSL. Terrain 2.5 NM from DER, 1386' left of centerline, 8420' MSL.

NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAY 6:** Climb heading 059° to 8500, then climbing right turn to 10000 direct SHERN, thence. . . .

**TAKEOFF RUNWAY 24:** Climb heading 239° to 8500, then climbing left turn to 10000 direct SHERN, thence. . . .

. . . on track 151° to HOMME, continue climb until reaching the MCA/MEA for direction of flight before proceeding on course.

HOMME ONE DEPARTURE (OBSTACLE) (RNAV)

DEL NORTE, COLORADO

ASTRONAUT KENT ROMINGER (R/CV)

(HOMME1.HOMME) 12OCT17



WAAS CH <b>90537</b> <b>W03A</b>	APP CRS <b>032°</b>	Rwy Idg TDZE Apt Elev	<b>5598</b> <b>5157</b> <b>5193</b>
--	------------------------	-----------------------------	---

RNAV (GPS) RWY 3

BLAKE FIELD (A.JZ)

RNP APCH.

▼

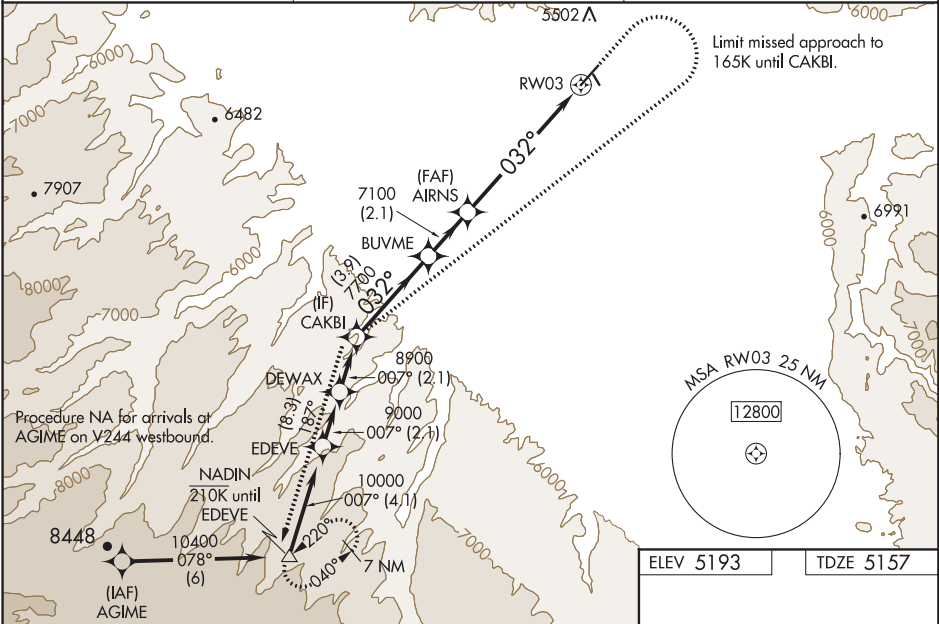
▲

Baro-VNAV NA when using Montrose altimeter setting. For uncompensated Baro-VNAV systems, procedure NA below -25°C or above 54°C. When local altimeter setting not received, use Montrose altimeter setting: increase #LPV DA to 5529 feet and visibility all Cats ¾ SM, increase LPV DA to 5670 feet and visibility all Cats ½ SM, increase LNAV/VNAV DA to 5979 feet and visibility all Cats ½ SM. Increase all MDA 140 feet and visibility Cat B ¼ SM, Cat C ½ SM and Circling Cat A ¼ SM. VDP NA when using Montrose altimeter setting. Circling NA to Rwy 14 and 32.

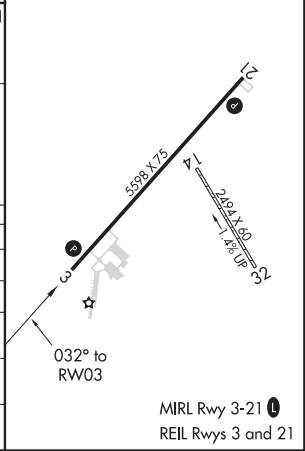
# Missed approach requires minimum climb of 250 feet per NM to 6900.

MISSED APPROACH: Climb to 7000 then climbing right turn to 11600 direct CAKBI and on track 187° to NADIN and hold, continue climb-in-hold to 11600.

AWOS-3 <b>134.0</b>	DENVER CENTER <b>127.1 343.65</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	--------------------------------------	---------------------------------



CAKBI		BUWME		AIRNS		7000		11600		CAKBI		NADIN	
8900		032°		7700		7100		7100		187°		△	
GP 3.00°		TCH 38		3.9 NM		2.1 NM		3.9 NM		2.2 NM		* 2.2 NM to RW03	
CATEGORY		A		B		C		D					
# LPV DA		5407-1		250 (300-1)				NA					
LPV DA		5548-1½		391 (400-1½)				NA					
LNAV/VNAV DA		5857-2		700 (700-2)				NA					
LNAV MDA		5840-1		683 (700-1)		5840-2		683 (700-2)		NA			
CIRCLING		5900-1		6340-1½		6680-3		NA					
		707 (800-1)		1147 (1200-1½)		1487 (1500-3)							









APP CRS	Rwy Idg	8018
080°	TDZE	4314
	Apt Elev	4314

RNAV (GPS) RWY 8

DEMING MUNI (DMN)

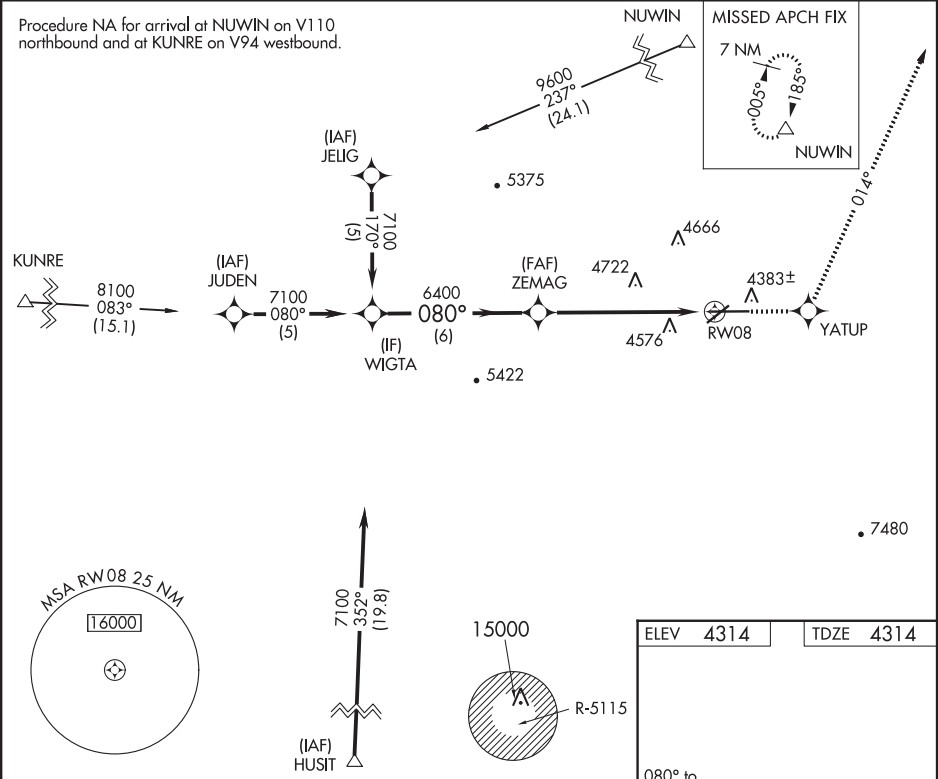
⚠

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Las Cruces altimeter setting and increase all MDA 120 feet; increase LNAV Cats C and D visibility ¼ mile, Circling Cat B visibility ¼ mile and Circling Cats C and D visibility ½ mile. Rwy 8 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 8 NA at night, Circling Rwy 8, 22 NA at night.

MISSED APPROACH:

Climb to 8000 direct YATUP and on track 014° to NUWIN and hold.

ASOS 118.525	ALBUQUERQUE CENTER 128.2 285.5	UNICOM 122.8 (CTAF) 0
-----------------	-----------------------------------	--------------------------



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 43).

8000

YATUP

tr 014°

NUWIN

Key features and data points:

- WIGTA:** 7100
- ZEMAG:** 6400
- RW08:** 080° to RW08, 0.3% DOWN, 5675, 60, 0.3% UP, 26
- Procedure Turn NA:** 6 NM, 6.3 NM
- Obstacle:** 8018 X 75

CATEGORY	A	B	C	D
LNAV MDA	4920-1	606 (700-1)	4920-1¾ 606 (700-1¾)	4920-2 606 (700-2)
CIRCLING	4920-1 606 (700-1)	4940-1 626 (700-1)	4940-1¾ 626 (700-1¾)	4940-2 626 (700-2)

MIRL Rwy 4-22  
MIRL Rwy 8-26 0



DEMING, NEW MEXICO

AL-478 (FAA)

19115

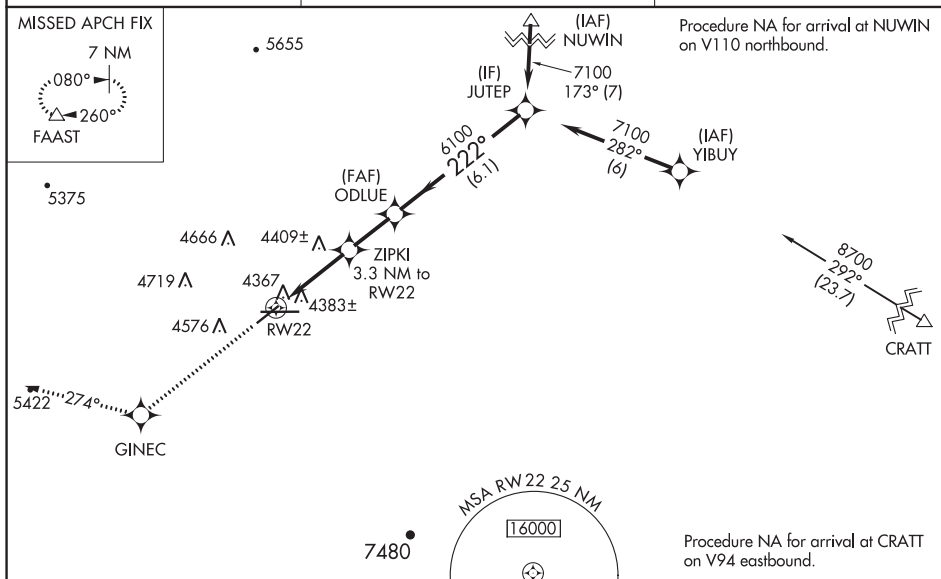
WAAS CH <b>70419</b> <b>W22A</b>	APP CRS <b>222°</b>	Rwy Idg TDZE <b>4310</b> Apt Elev <b>4314</b>
--	------------------------	---

# RNAV (GPS) RWY 22

DEMING MUNI (DMN)

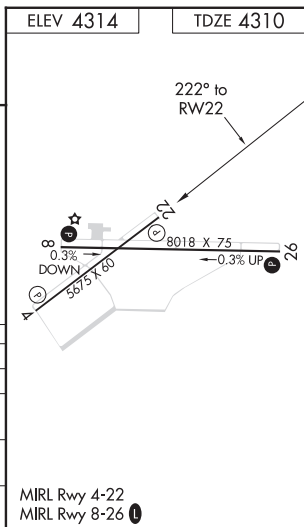
<p><b>⚠</b> DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (-9°F) or above 40°C (104°F). Baro-VNAV NA when using Las Cruces altimeter setting. When local altimeter setting not received, use Las Cruces altimeter setting and increase all DA 114 feet and all MDA 120 feet; increase LPV and LNAV/VNAV all Cats visibility ¼ mile, increase LNAV Cats C and D visibility ½ mile, increase Circling Cat B visibility ½ mile and Circling Cats C and D visibility ½ mile. Rwy 22 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 22 NA at night, Circling Rwy 8, 22 NA at night.</p>	<p><b>MISSED APPROACH:</b> Climb to 9000 direct GINEC and on track 274° to FFAST and hold.</p>
--	--

ASOS <b>118.525</b>	ALBUQUERQUE CENTER <b>128.2 285.5</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	--	---------------------------------



R-5115

9000	GINEC	FAAST	JUTEP
↑	tr 274°	Δ	
* LNAV only.			
RW22	ZIPKI 3.3 NM to RW22	ODLUE 6100	7100
	*5400	6100	Procedure Turn NA GP 3.00° TCH 52
	3.3 NM	2.1 NM	6.1 NM
CATEGORY	A	B	C
LPV DA	4560-1 250 (300-1)		
LNAV/VNAV DA	4637-1¼ 327 (400-1¼)		
LNAV MDA	4660-1 350 (400-1)		
	4660-1¼ 350 (400-1¼)		
CIRCLING	4820-1 506 (600-1)	4940-1 626 (700-1)	4940-2 626 (700-2)



DEMING, NEW MEXICO

Orig-A 07DEC17

32°16'N-107°43'W

DEMING MUNI (DMN)

# RNAV (GPS) RWY 22

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



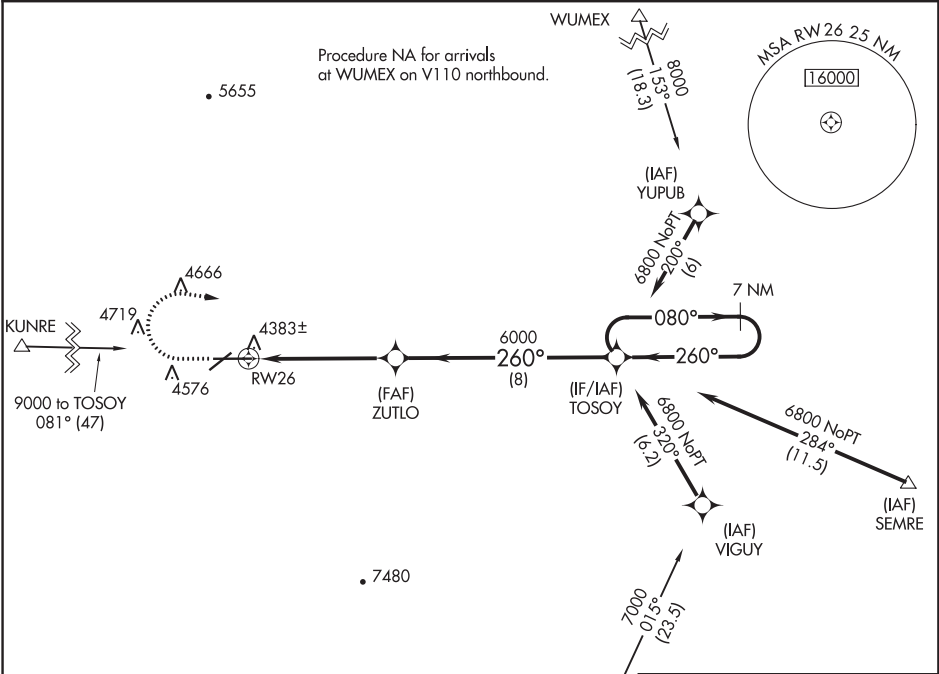
APP CRS	Rwy Idg	N/A
260°	TDZE	N/A
	Apt Elev	4314

RNAV (GPS)-A  
DEMING MUNI (DMN)

**⚠** DME/DME RNP-0.3 NA. When local altimeter setting not received, use Las Cruces altimeter setting and increase all MDA 120 feet and increase Circling Cat C and D visibility ½ mile. Procedure NA at night.

**⚠** MISSED APPROACH: Climb to 5600 then climbing right turn to 7200 direct TOSOY and hold.

ASOS 118.525	ALBUQUERQUE CENTER 128.2 285.5	UNICOM 122.8 (CTAF) <b>0</b>
-----------------	-----------------------------------	---------------------------------



ELEV 4314

5600

7200

TOSOY

ZUTLO

6000

3.00°

TCH 40

5.3 NM

8 NM

7 NM Holding Pattern

080°

260°

6800

260° to RW26

8018 X 75

0.3% DOWN

0.3% UP

5675

1.60

CATEGORY	A	B	C	D
<b>C</b> CIRCLING	4820-1 506 (600-1)	4940-1 626 (700-1)	5020-2 706 (800-2)	5020-2¼ 706 (800-2¼)

MIRL Rwy 4-22

MIRL Rwy 8-26 **0**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





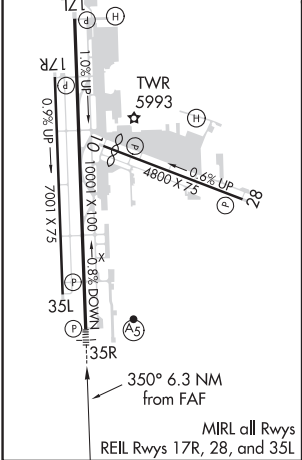
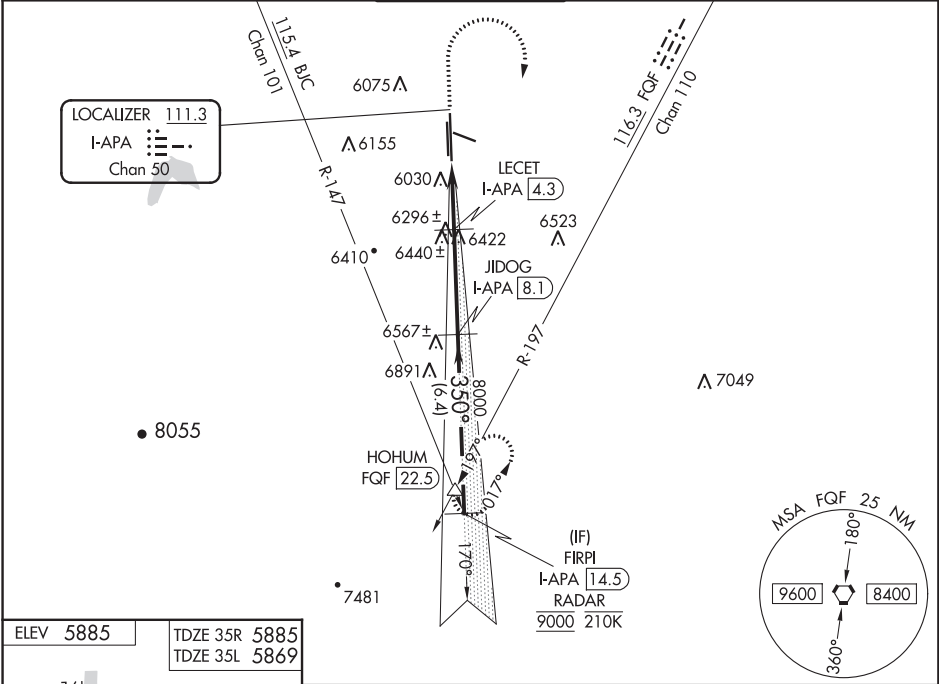


LOC/DME I-APA	APP CRS	Rwy Idg	35R	35L
<b>111.3</b>	<b>350°</b>	TDZE	<b>10001</b>	<b>7001</b>
Chan <b>50</b>		Apt Elev	<b>5885</b>	<b>5869</b>

ILS or LOC RWY 35R  
CENTENNIAL (APA)

RADAR and DME required for procedure entry. DME required for LOC only.	MALSR	MISSED APPROACH: Climb to 7400 then climbing right turn to 9200 on heading 160° and FQF VORTAC R-197 to HOHUM INT/FQF 22.5 DME and hold.
<div>⚠ Straight-in Rwy 35L NA at night.</div>	<div>⚠</div>	

ATIS <b>120.3</b>	DENVER APP CON <b>132.75 269.3</b>	CENTENNIAL TOWER <b>118.9</b>	GND CON <b>121.8</b>	CLNC DEL <b>128.6</b>
----------------------	---------------------------------------	----------------------------------	-------------------------	--------------------------



ELEV <b>5885</b>	TDZE 35R <b>5885</b> TDZE 35L <b>5869</b>	7400 ↑ 9200 hdg 160° FQF R-197 HOHUM △	JIDOG I-APA [8.1]	FIRPI I-APA [14.5] RADAR
*LOC only				
LECT I-APA [4.3] *I-APA [3.8] I-APA [1.8] 6740* 8000 350° 9000 GS 3.10° TCH 51				
CATEGORY	A	B	C	D
S-ILS 35R	6085- ½ 200 (200- ½)			
S-LOC 35R	6560- ½ 675 (700- ½)		6560-1½ 675 (700-1½)	
SIDESTEP 35L	6560-1 691 (700-1)		6560-2 691 (700-2)	
CIRCLING	6560-1 675 (700-1)		6740-2½ 855 (900-2½) 6900-3 1015 (1100-3)	

SW-1, 30 JAN 2020 to 26 MAR 2020

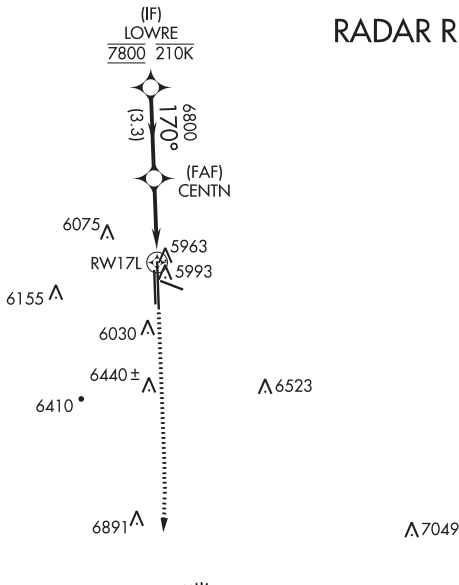
SW-1, 30 JAN 2020 to 26 MAR 2020



# RNAV (GPS) RWY 17L

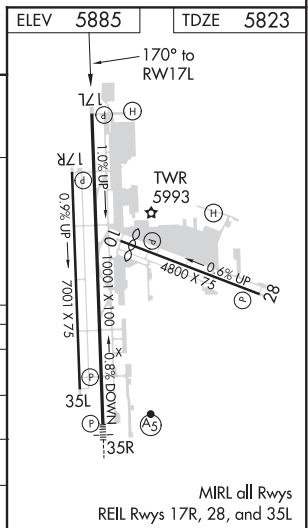
**MISSED APPROACH:** Climb to 6300 then climbing right turn to 10400 direct HOHUM and hold, continue climb-in-hold to 10400.

## RADAR REQUIRED



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

CENTENNIAL (APA)  
RNAV (GPS) RWY 17L



DENVER, COLORADO

AL-5715 (FAA)

19283

WAAS CH <b>82107</b> <b>W28A</b>	APP CRS <b>283°</b>	Rwy Idg <b>4800</b> TDZE <b>5813</b> Apt Elev <b>5885</b>
--	------------------------	---

RNAV (GPS) RWY 28  
CENTENNIAL (APA)

RNP APCH.

**T** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -26°C or above 49°C. Rwy 28 helicopter visibility reduction below 3/4 SM NA. Circling Rwy 35L NA at night.

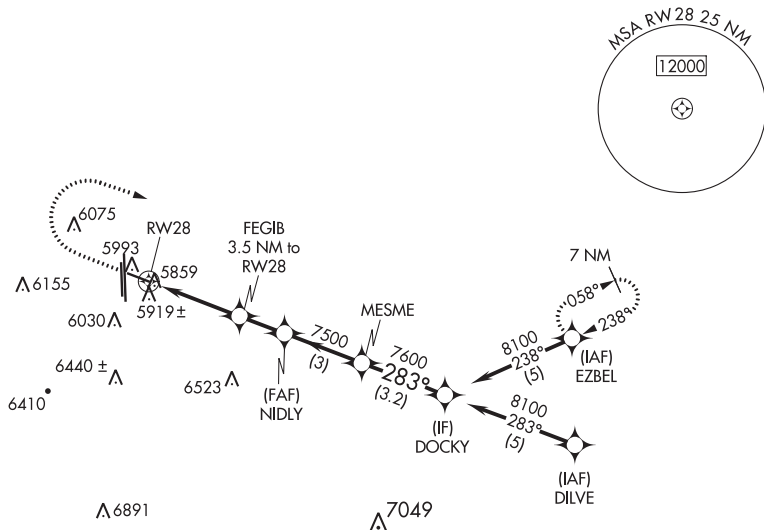
**MISSED APPROACH:** Climb to 6400 then climbing right turn to 9000 direct EZBEL and hold.

ATIS  
120.3

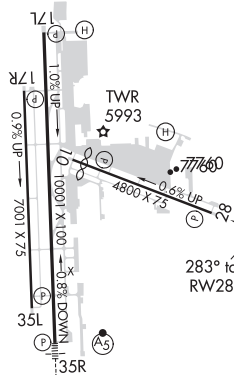
DENVER APP CON  
132.75 269.3

CENTENNIAL TOWER  
118.9

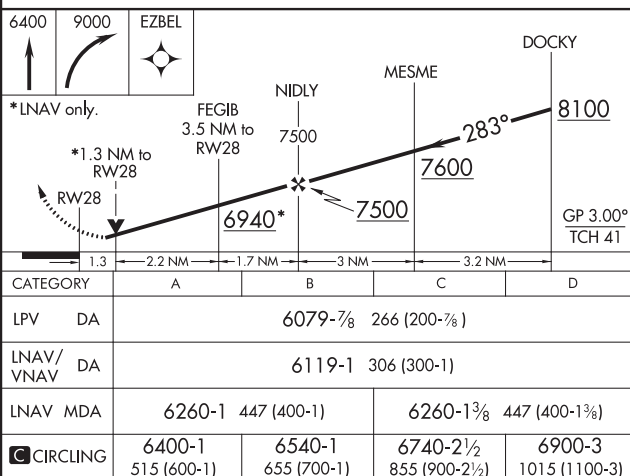
GND CON  
**121.8**

CLNC DEL  
128.6

ELEV	5885		TDZE	5813
------	------	--	------	------



MIRL all Rwys  
REIL Rwys 17R, 28, and 35L



DENVER, COLORADO

Amdt 1C 08NOV18

39°34'N-104°51'W

145

CENTENNIAL (APA)

RNAV (GPS) RWY 28

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) RWY 35R  
CENTENNIAL (APA)

**MISSED APPROACH:** Climb to 8200 then climbing left turn to 9600 direct BPUTN and hold.

**RADAR REQUIRED**

BPTN

7 NM

6075  
Λ 6155

6030 Λ

6129  
LECE  
2.5 NM to RW35R

6410 •

6440±

(FAF)  
JIDOG

6891 Λ

8000  
(6.4)

350°

(IF)  
FIRPI  
9000 210K

9000  
350° [2.9]

7481 •

XBEE  
9000

9000  
(5.4)

(IAF)  
XPAT

7760 •

MSA RW35R 25 NM  
12700

ELEV 5885 TDZE 5885

MIRL all Rwy's  
REIL Rwy's 17R, 28, and 35L

TWR 5993

17R  
1.0% UP  
10:1000T X 100 → 0.8% DOWN  
0.9% UP → 7001 X 7.5

35L

35R

350° to RW35R

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 49).

FIRPI

\*LNAV only.

LECET  
2.5 NM to RW35R

JIDOG  
8000

RW35R

\*1.4 NM to RW35R

6740\*

8000

9000

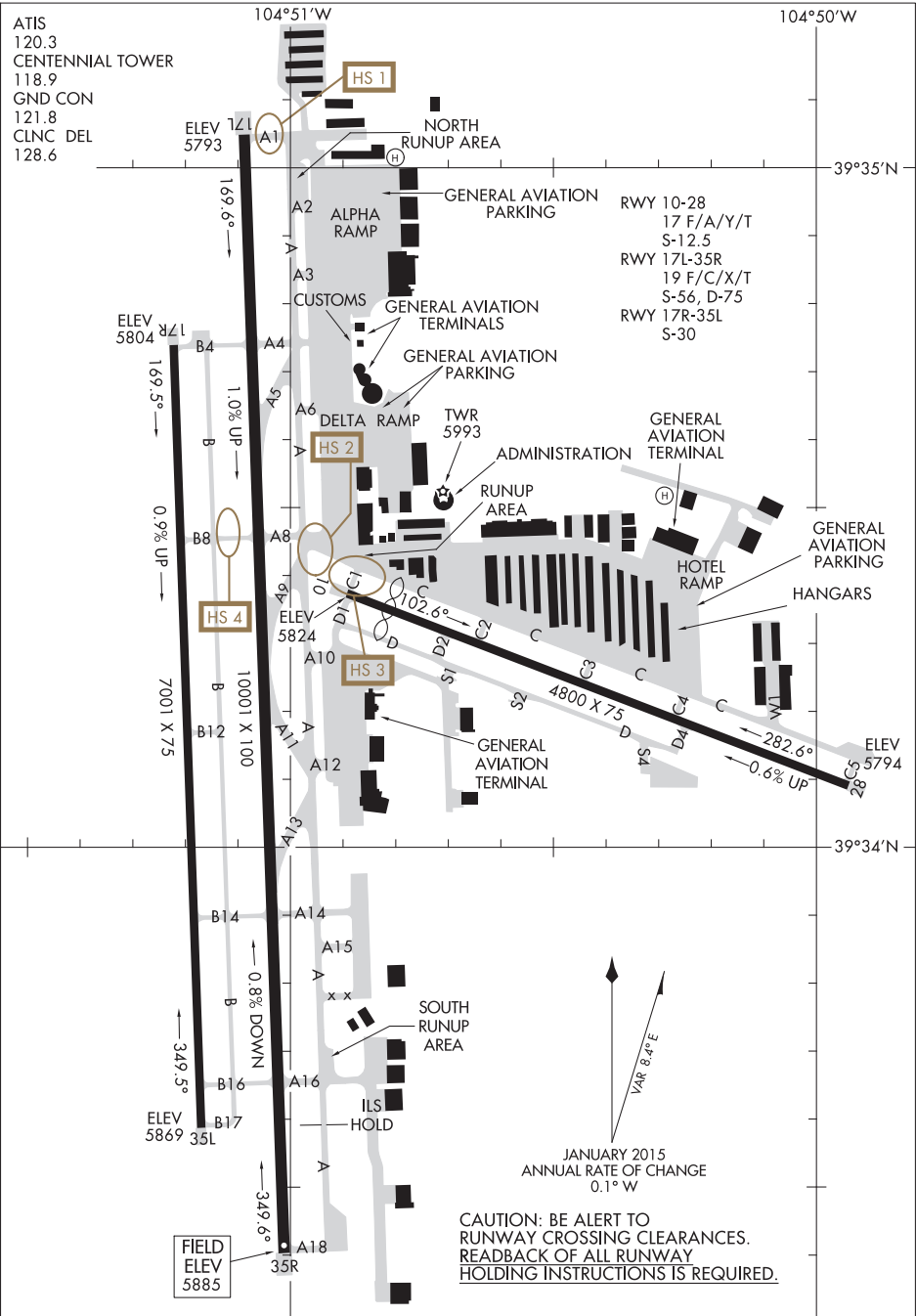
GP 3.10°  
TCH 51

CATEGORY	A	B	C	D
LPV DA	6085-½ 200 (200-½)			
LNAV/VNAV DA	6322-1 437 (500-1)			
LNAV MDA	6380-½ 495 (500-½)		6380-1 495 (500-1)	
<b>C</b> CIRCLING	6400-1 515 (600-1)	6540-1 655 (700-1)	6740-2½ 855 (900-2½)	6900-3 1015 (1100-3)

RNAV (GPS) RWY 35R

SW-1, 30 JAN 2020 to 26 MAR 2020



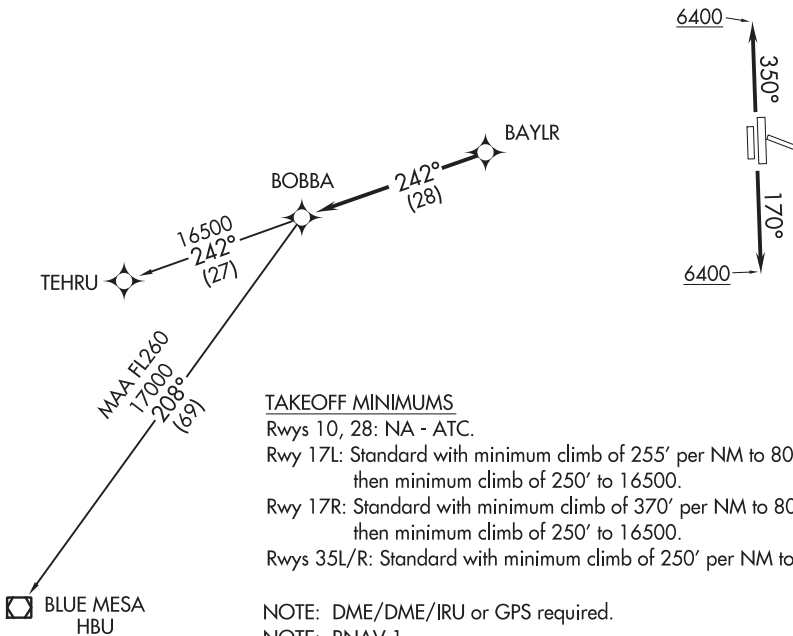




(BAYLR5.BOBBA) 20030

## BAYLR FIVE DEPARTURE (RNAV)

AL-5715 (FAA)

CENTENNIAL (APA)  
DENVER, COLORADO**TOP ALTITUDE:  
FL230**
 ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3
**TAKEOFF MINIMUMS**

Rwys 10, 28: NA - ATC.

Rwy 17L: Standard with minimum climb of 255' per NM to 8000, then minimum climb of 250' to 16500.

Rwy 17R: Standard with minimum climb of 370' per NM to 8000, then minimum climb of 250' to 16500.

Rwys 35L/R: Standard with minimum climb of 250' per NM to 16500.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: RADAR required.

NOTE: For non-GPS equipped aircraft on the Blue Mesa Transition, GLL, DBL, and HBU DMEs must be operational.

NOTE: Chart not to scale.

**DEPARTURE ROUTE DESCRIPTION**TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence. . .TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400 then continue climb on heading 350° or as assigned by ATC, thence. . .

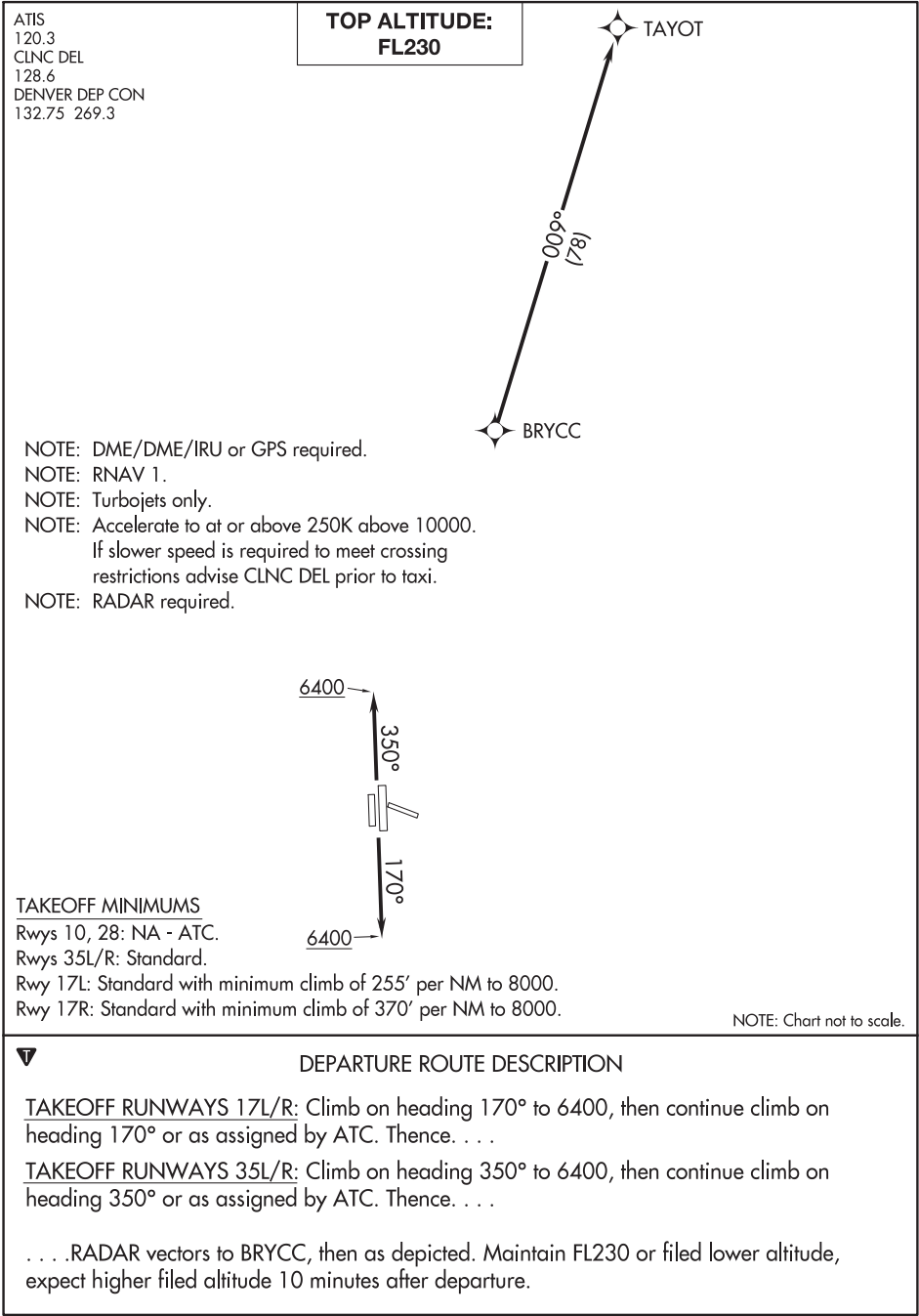
. . .RADAR vectors to BAYLR, then on depicted route to BOBBA, maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

BLUE MESA TRANSITION (BAYLR5.HBU)TEHRU TRANSITION (BAYLR5.TEHRU)BAYLR FIVE DEPARTURE (RNAV)  
(BAYLR5.BOBBA) 30JAN20DENVER, COLORADO  
CENTENNIAL (APA)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(CONNR6.CONNR) 20030

## CONNR SIX DEPARTURE (RNAV)

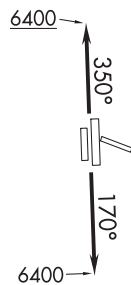
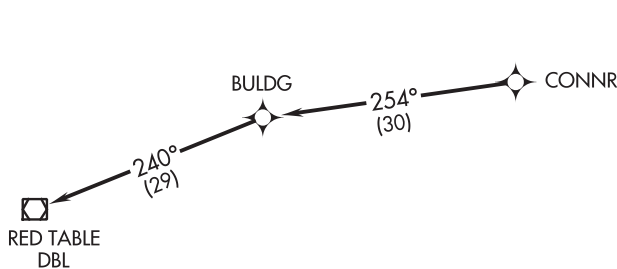
AL-5715 (FAA)

CENTENNIAL (APA)

DENVER, COLORADO

**TOP ALTITUDE:  
FL230**

ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3

**TAKEOFF MINIMUMS**

Rwys 10, 28: NA-ATC.

Rwy 17L: Standard with minimum climb of 255' per NM to 8000, then minimum climb of 270' to 16500.

Rwy 17R: Standard with minimum climb of 370' per NM to 8000, then minimum climb of 270' to 16500.

Rwys 35L/R: Standard with minimum climb of 320' per NM to 16500.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLNC DEL prior to taxi.

NOTE: RADAR required.

NOTE: Chart not to scale.

**DEPARTURE ROUTE DESCRIPTION**TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence. . .TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC, thence. . .

. . . RADAR vectors to CONNR, then on depicted route to DBL VOR/DME. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

## CONNR SIX DEPARTURE (RNAV)

(CONNR6.CONNR) 30JAN20

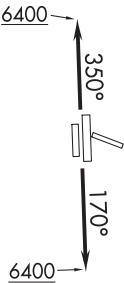
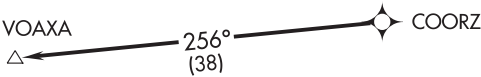
DENVER, COLORADO

CENTENNIAL (APA)



TOP ALTITUDE:  
FL230

ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3



TAKEOFF MINIMUMS

- Rwys 10, 28: NA - ATC.
- Rwy 17L: Standard with minimum climb of 255' per NM to 8000, then minimum climb of 250' to 16000.
- Rwy 17R: Standard with minimum climb of 370' per NM to 8000, then minimum climb of 250' to 16000.
- Rwys 35L/R: Standard with minimum climb of 250' per NM to 16000.

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

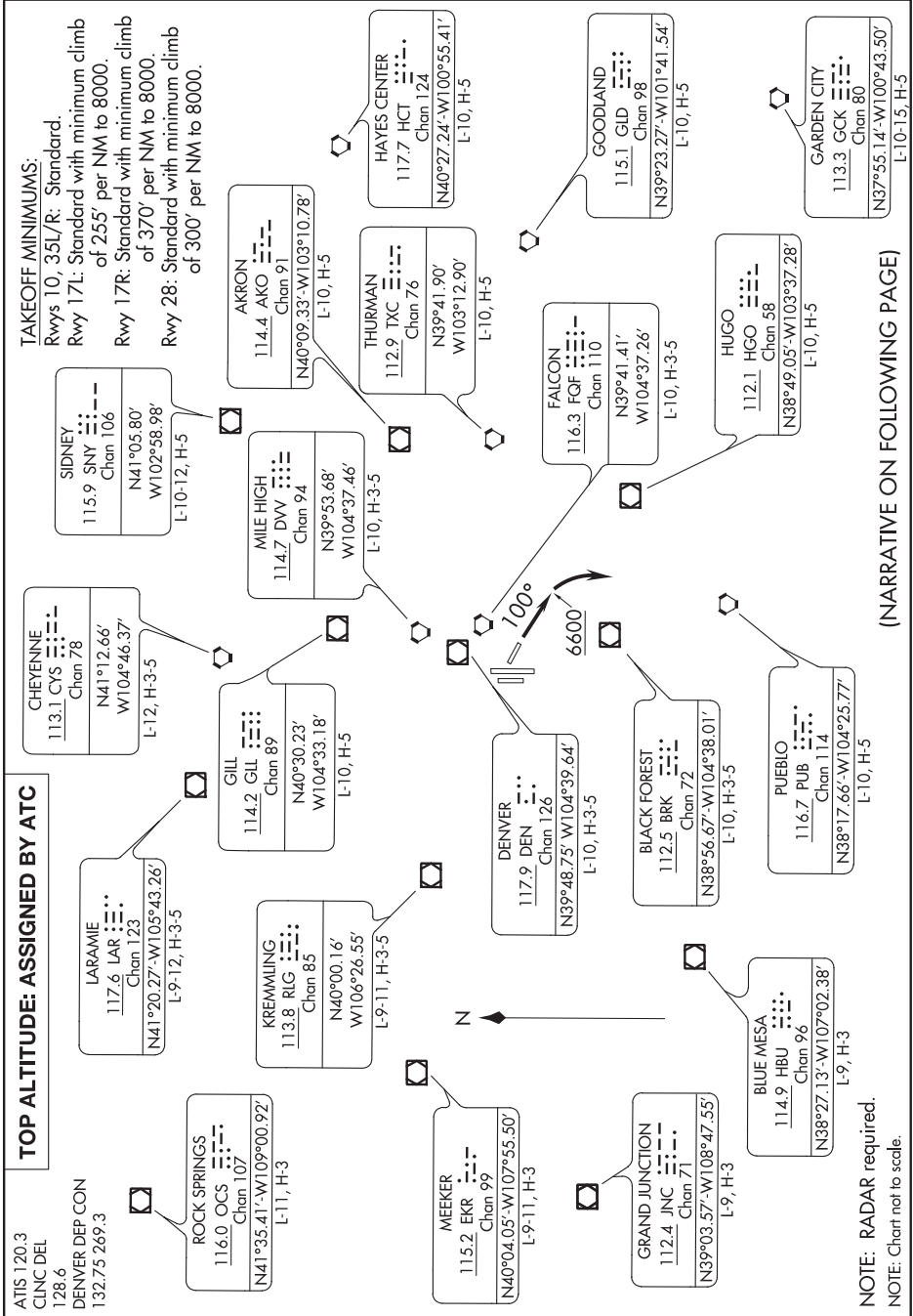
TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence. . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400 then continue climb on heading 350° or as assigned by ATC, thence. . .

. . .RADAR vectors to COORZ, then on depicted route to VOAXA. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



SW-1, 30 JAN 2020 to 26 MAR 2020



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

(NARRATIVE ON FOLLOWING PAGE)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

RUNWAY 10: Climb heading 100° to 6600 before turning right.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned route. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



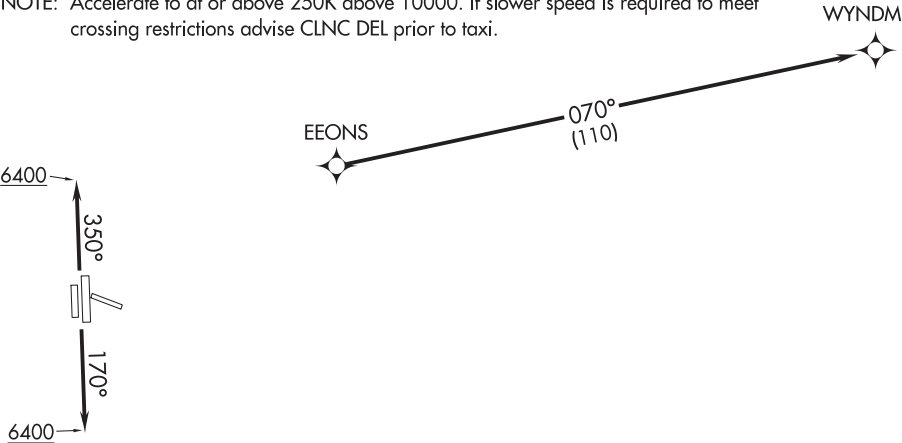
(EEONS7.WYNDM) 20030

EEONS SEVEN DEPARTURE (RNAV)

ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3

TOP ALTITUDE:  
FL230

- NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: RADAR required.  
NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.



TAKEOFF MINIMUMS

- Rwys 10, 28: NA - ATC.  
Rwys 35L/R: Standard.  
Rwy 17L: Standard with minimum climb of 255' per NM to 8000.  
Rwy 17R: Standard with minimum climb of 370' per NM to 8000.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence. . . .  
TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC, thence. . . .  
. . . .RADAR vectors to EEONS, then on depicted route to WYNDM. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

EEONS SEVEN DEPARTURE (RNAV)

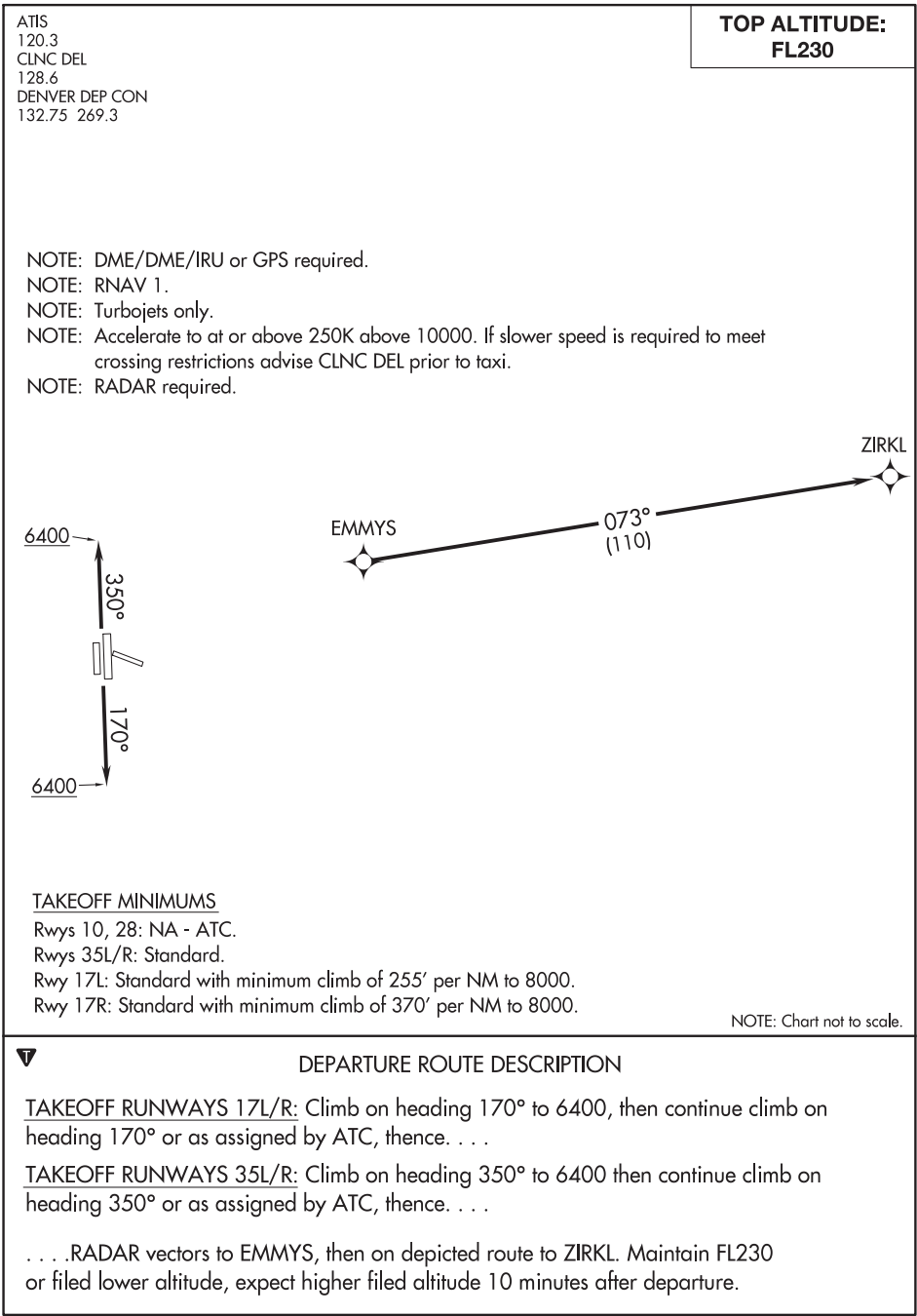
(EEONS7.WYNDM) 30JAN20

DENVER, COLORADO  
CENTENNIAL (APA)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(EPKEE6.WEEDS) 20030

## EPKEE SIX DEPARTURE (RNAV)

AL-5715 (FAA)

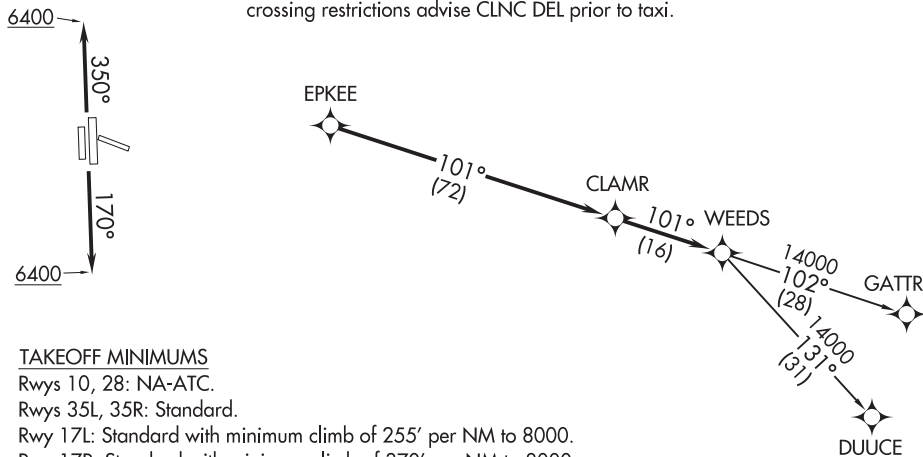
CENTENNIAL (APA)

DENVER, COLORADO

**TOP ALTITUDE:  
FL230**

ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3

NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: RADAR required.  
NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet  
crossing restrictions advise CLNC DEL prior to taxi.

**TAKEOFF MINIMUMS**

Rwys 10, 28: NA-ATC.

Rwys 35L, 35R: Standard.

Rwy 17L: Standard with minimum climb of 255' per NM to 8000.

Rwy 17R: Standard with minimum climb of 370' per NM to 8000.

NOTE: Chart not to scale.

**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAYS 17L, 17R:** Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence. . .

**TAKEOFF RUNWAYS 35L, 35R:** Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC, thence. . .

. . . expect RADAR vectors to EPKEE, then on depicted route to WEEDS, then on (transition). Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

**DUUCE TRANSITION (EPKEE6.DUUCE)**

**GATTR TRANSITION (EPKEE6.GATTR)**

EPKEE SIX DEPARTURE (RNAV)

(EPKEE6.WEEDS) 30JAN20

DENVER, COLORADO  
CENTENNIAL (APA)

SW-1, 30 JAN 2020 to 26 MAR 2020

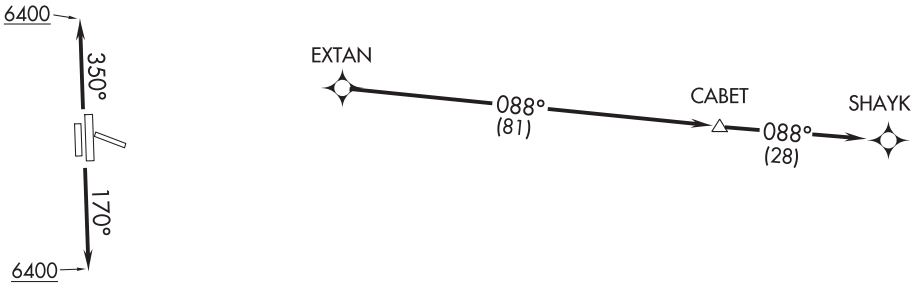
SW-1, 30 JAN 2020 to 26 MAR 2020



ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3

TOP ALTITUDE:  
FL230

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: RADAR required.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: For non-GPS equipped aircraft TXC DME must be operational.



TAKEOFF MINIMUMS

- Rwys 10, 28: NA-ATC.
- Rwys 35L/R: Standard.
- Rwy 17L: Standard with minimum climb of 255' per NM to 8000.
- Rwy 17R: Standard with minimum climb of 370' per NM to 8000.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence . . .
- TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC, thence . . .
- . . .RADAR vectors to EXTAN, then on depicted route to SHAYK. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



(FOOOT5.RLG) 20030

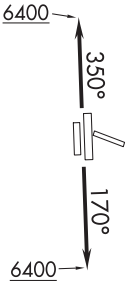
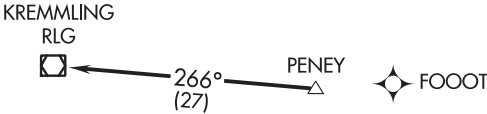
FOOOT FIVE DEPARTURE (RNAV)

AL-5715 (FAA)

CENTENNIAL (APA)  
DENVER, COLORADO

**TOP ALTITUDE:  
FL230**

ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3



- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

TAKEOFF MINIMUMS

- Rwys 10, 28: NA-ATC.
- Rwy 17L: Standard with minimum climb of 255' per NM to 8000, then minimum climb of 250' to 16000.
- Rwy 17R: Standard with minimum climb of 370' per NM to 8000, then minimum climb of 250' to 16000.
- Rwys 35L/R: Standard with minimum climb of 250' per NM to 16000.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC, thence. . . .

. . . .RADAR vectors to PENEY, then on depicted route to RLG VOR/DME. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

FOOOT FIVE DEPARTURE (RNAV)  
(FOOOT5.RLG) 30JAN20

DENVER, COLORADO  
CENTENNIAL (APA)

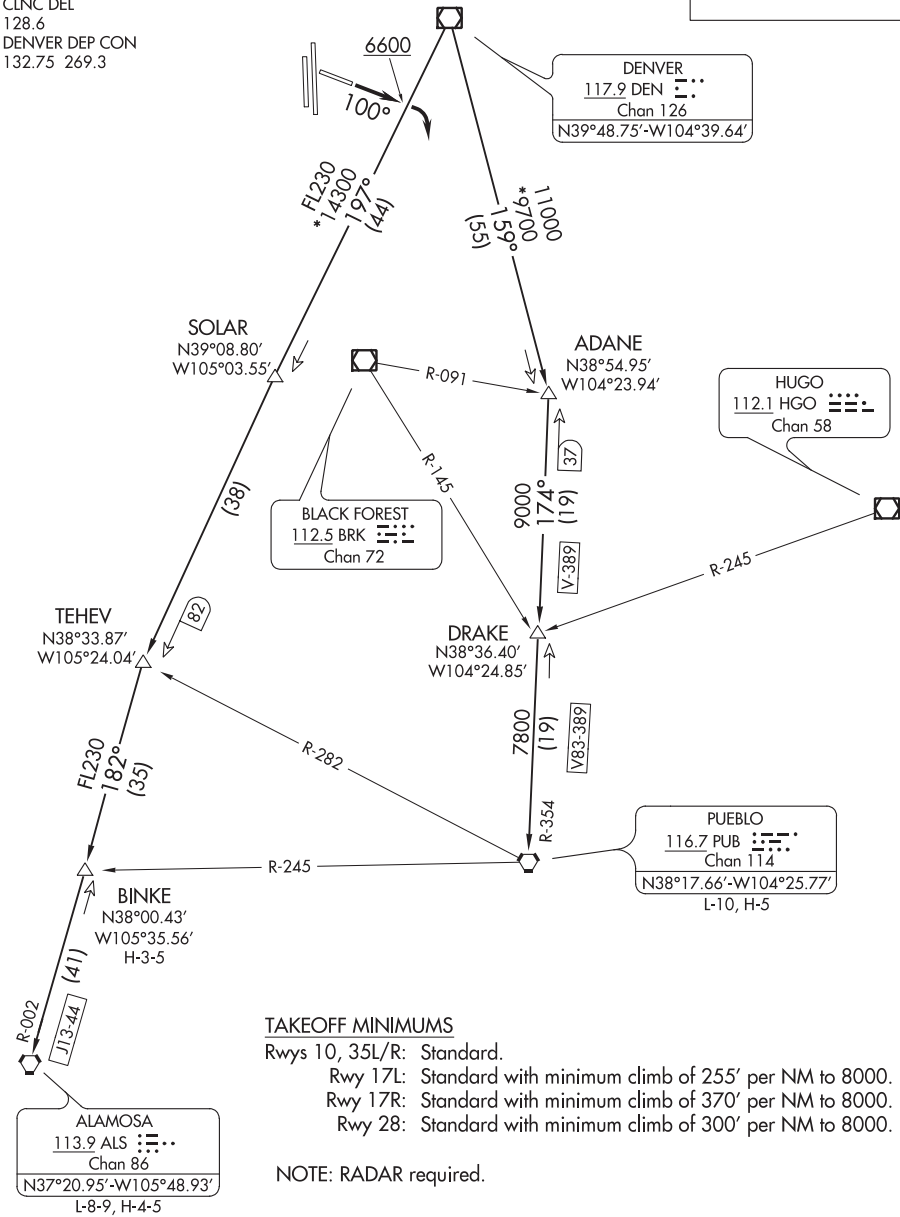
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3

TOP ALTITUDE:  
ASSIGNED BY ATC



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

TAKEOFF RUNWAY 10: Climb on heading 100° to 6600 before turning right.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

ALAMOSA TRANSITION (PIKES2.ALS): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to ALS VORTAC.

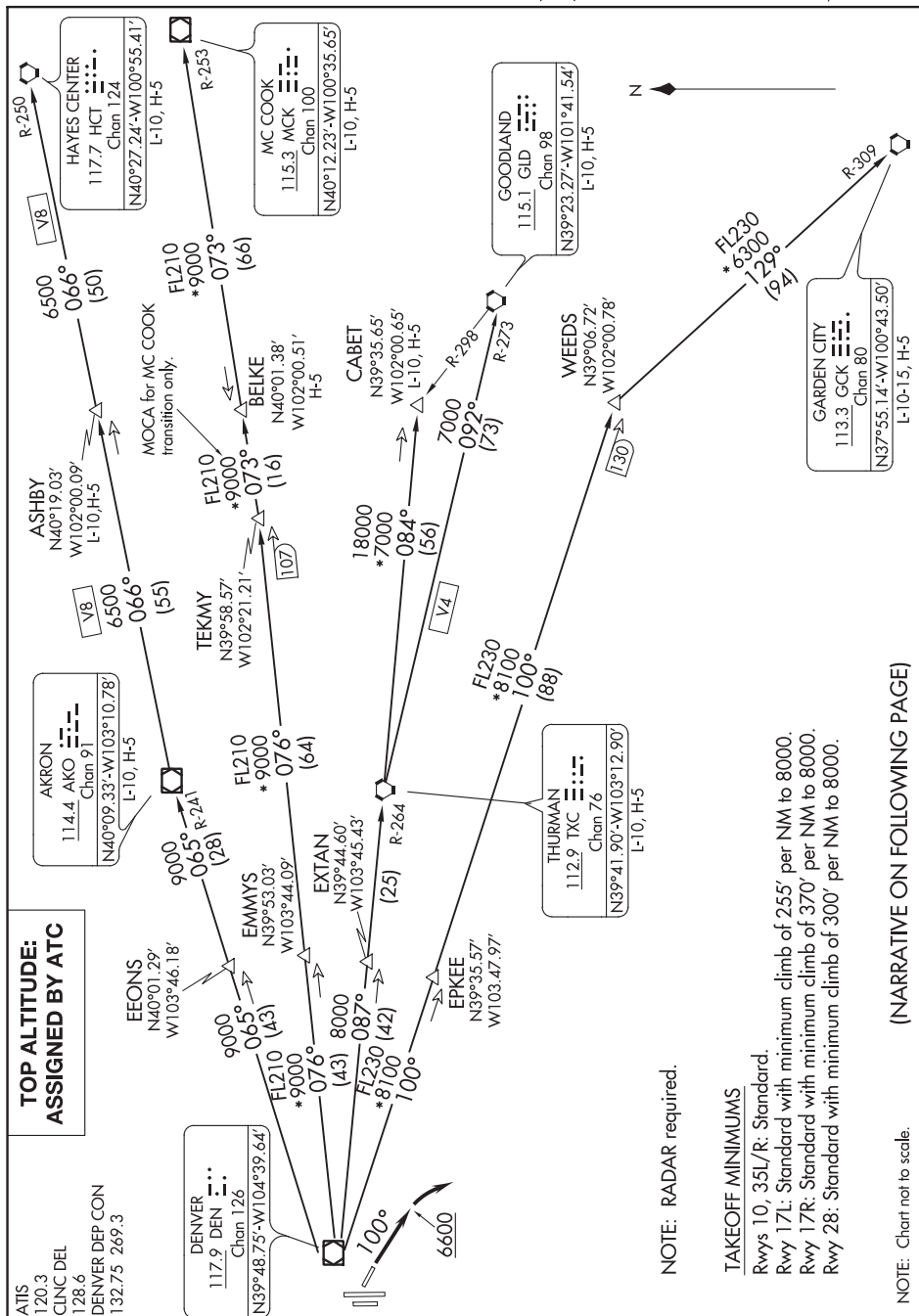
BINKE TRANSITION (PIKES2.BINKE): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to BINKE.

PUEBLO TRANSITION (PIKES2.PUB): From over DEN VOR/DME on DEN R-159 to ADANE, then on PUB R-354 to PUB VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020



(PLAIN1.DEN) 20030

## PLAINS ONE DEPARTURE

AL-5715 (FAA)

CENTENNIAL (APA)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

RUNWAY 10: Climb on heading 100° to 6600 before turning right.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

AKRON TRANSITION (PLAIN1.AKO): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME.

ASHBY TRANSITION (PLAIN1.ASHBY): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to ASHBY.

BELKE TRANSITION (PLAIN1.BELKE): From over DEN VOR/DME on DEN R-076 and MCK R-253 to BELKE INT.

CABET TRANSITION (PLAIN1.CABET): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-084 to CABET.

GARDEN CITY TRANSITION (PLAIN1.GCK): From over DEN VOR/DME on DEN R-100 and GCK R-309 to GCK VORTAC.

GOODLAND TRANSITION (PLAIN1.GLD): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-092 and GLD R-273 to GLD VORTAC.

HAYES CENTER TRANSITION (PLAIN1.HCT): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to HCT VORTAC.

MCCOOK TRANSITION (PLAIN1.MCK): From over DEN VOR/DME on DEN R-076 to TEKMY, then on MCK R-253 to MCK VOR/DME.

THURMAN TRANSITION (PLAIN1.TXC): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC.

WEEDS TRANSITION (PLAIN1.WEEDS): From over DEN VOR/DME on DEN R-100 to WEEDS.

SW-1, 30 JAN 2020 to 26 MAR 2020

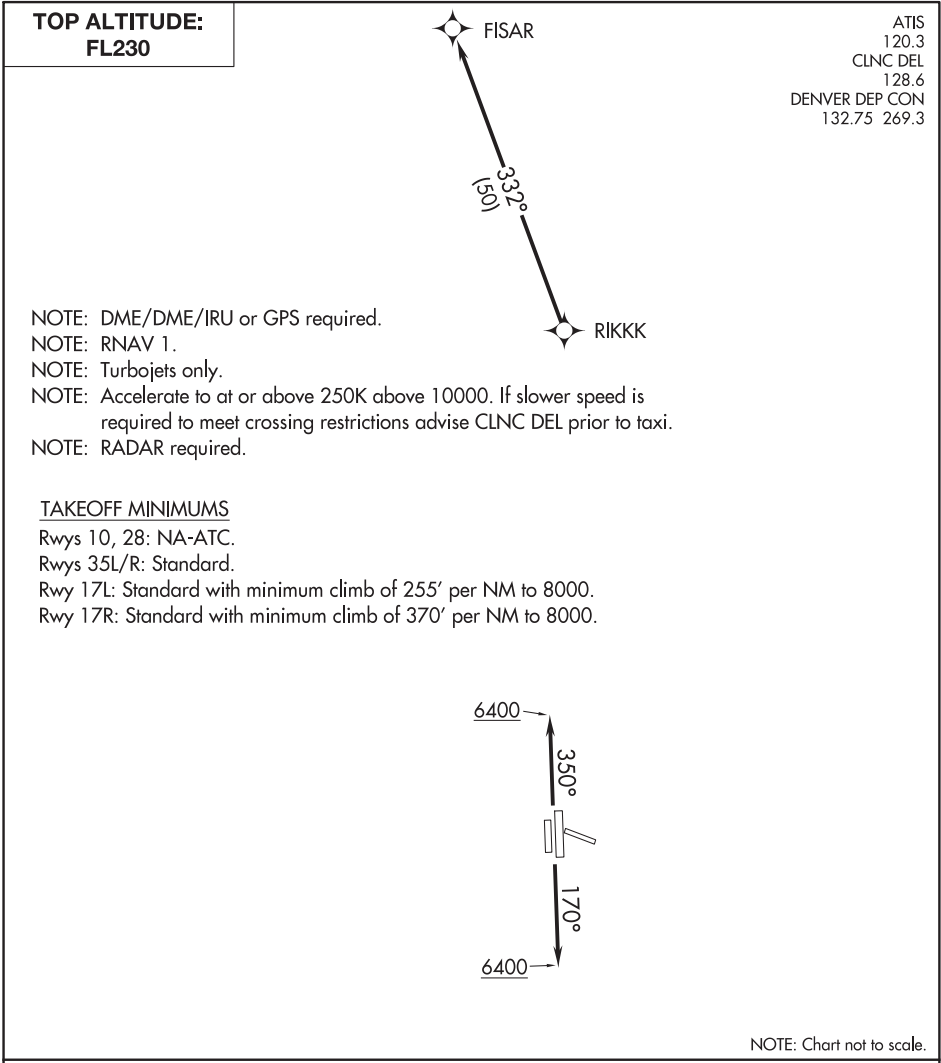
SW-1, 30 JAN 2020 to 26 MAR 2020

## PLAINS ONE DEPARTURE

(PLAIN1.DEN) 30JAN20

DENVER, COLORADO  
CENTENNIAL (APA)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC. Thence. . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC. Thence. . .

. . .RADAR vectors to RIKKK, then as depicted. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

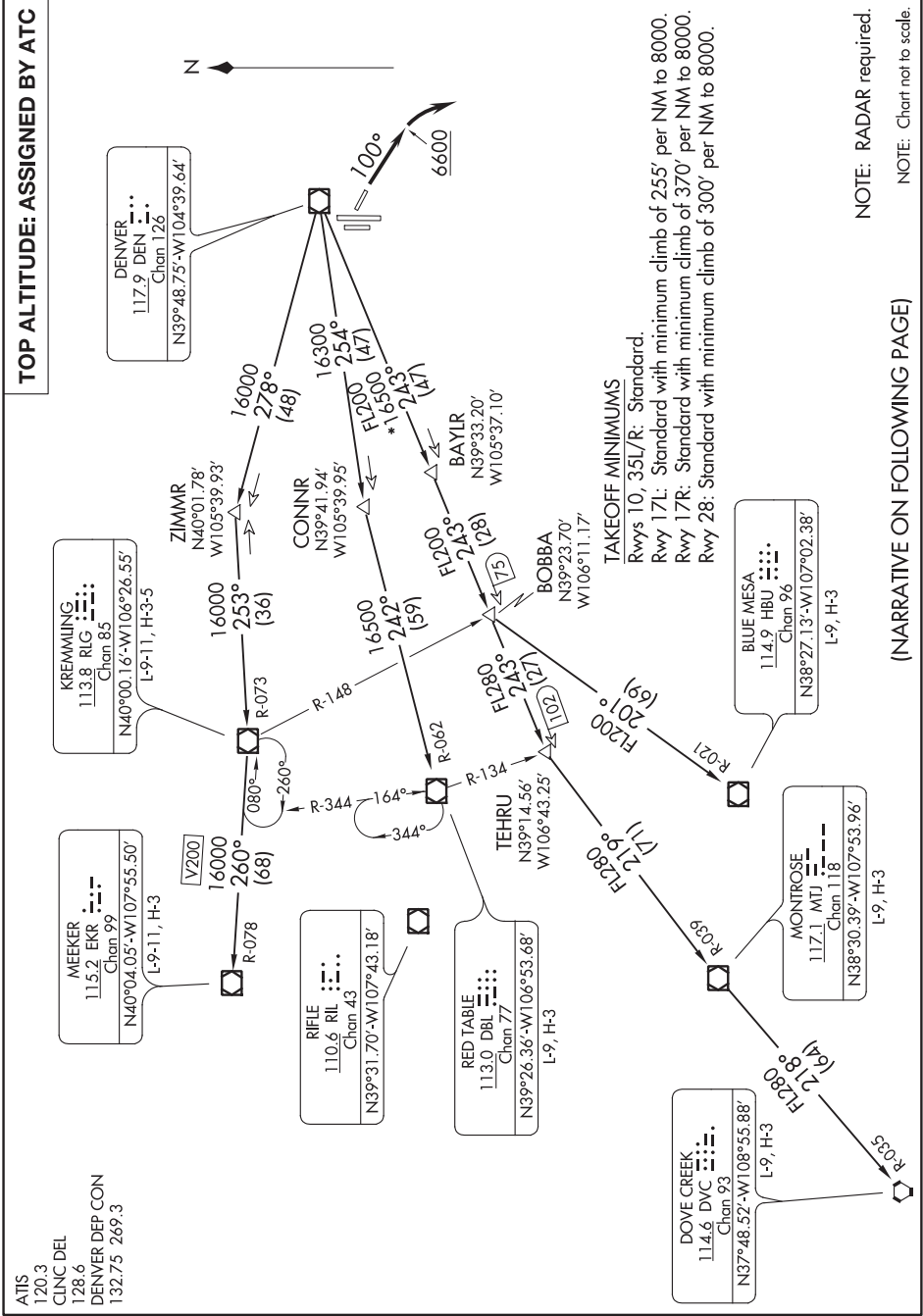


ROCKIES FOUR DEPARTURE

AL-5715 (FAA)

CENTENNIAL (APA)  
DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



ROCKIES FOUR DEPARTURE

DENVER, COLORADO  
CENTENNIAL (APA)

(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.  
RUNWAY 10: Climb heading 100° to 6600 before turning right.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

BLUE MESA TRANSITION (ROCKI4.HBU): From over DEN VOR/DME on DEN R-243 and HBU R-021 to HBU VOR/DME.

DOVE CREEK TRANSITION (ROCKI4.DVC): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME, then on MTJ R-218 and DVC R-035 to DVC VORTAC.

KREMMLING TRANSITION (ROCKI4.RLG): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME.

MEEKER TRANSITION (ROCKI4.EKR): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME, then on RLG R-260 and EKR R-078 to EKR VOR/DME.

MONTROSE TRANSITION (ROCKI4.MTJ): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME.

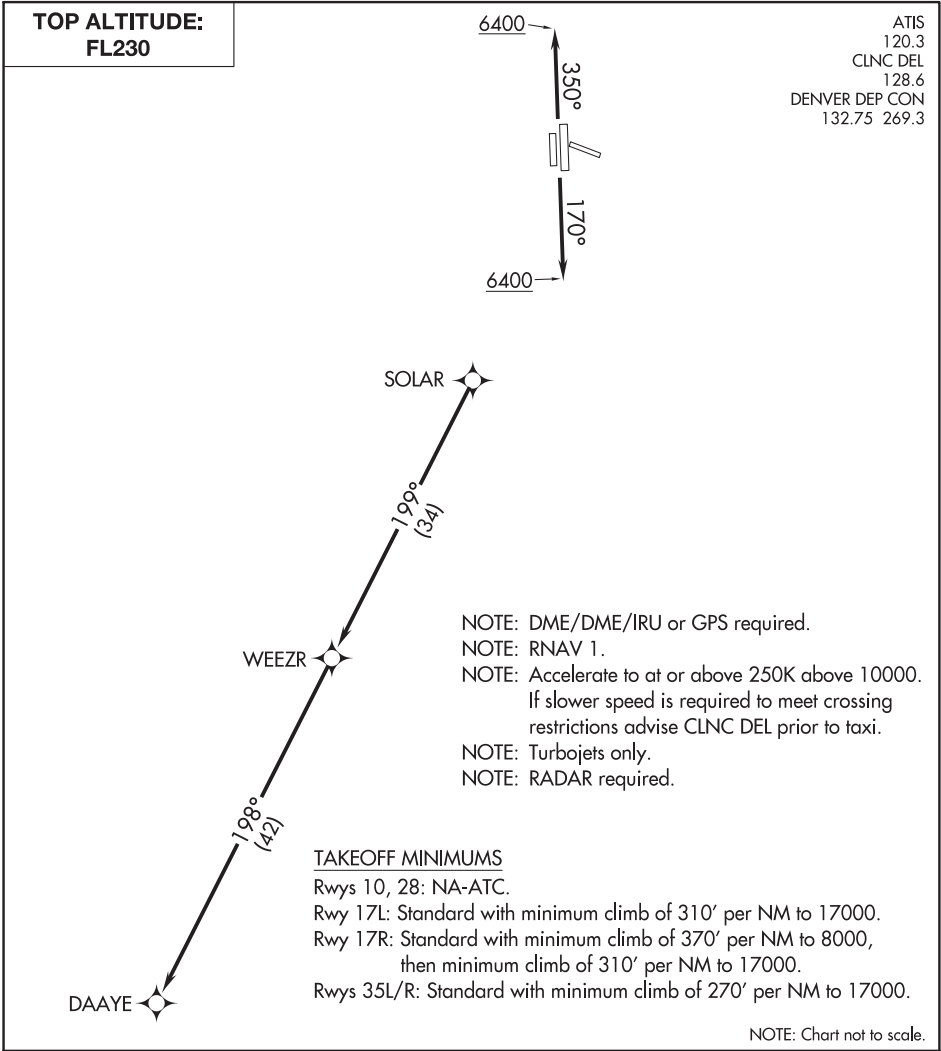
RED TABLE TRANSITION (ROCKI4.DBL): From over DEN VOR/DME on DEN R-254 and DBL R-062 to DBL VOR/DME.



(SOLAR5.DAAYE) 20030

SOLAR FIVE DEPARTURE (RNAV)

CENTENNIAL (APA)  
DENVER, COLORADO



**DEPARTURE ROUTE DESCRIPTION**

TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence. . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC, thence. . .

. . . RADAR vectors to SOLAR. Then on depicted route to DAAYE. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

SOLAR FIVE DEPARTURE (RNAV)

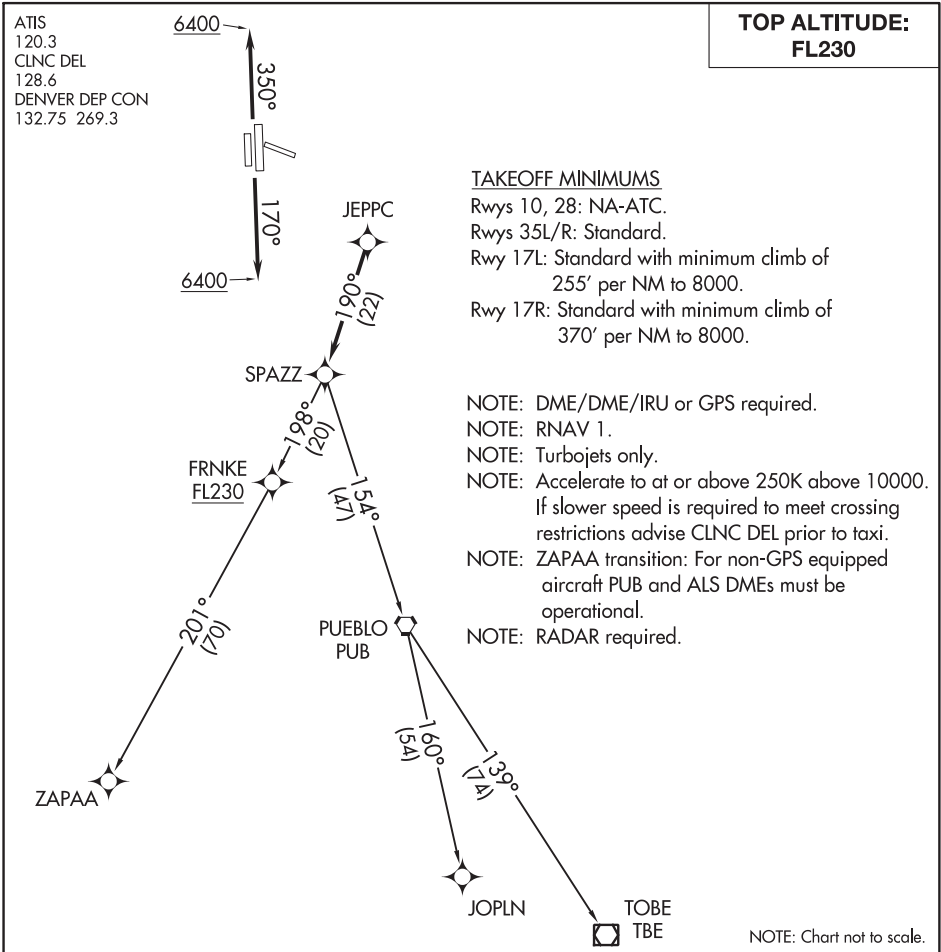
(SOLAR5.DAAYE) 30JAN20

DENVER, COLORADO  
CENTENNIAL (APA)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION
TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence . . .
TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC, thence . . .
. . .RADAR vectors to JEPPC, then as depicted. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.
JOPLN TRANSITION (SPAZZ5.JOPLN)
TOBE TRANSITION (SPAZZ5.TBE)
ZAPAA TRANSITION (SPAZZ5.ZAPAA)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



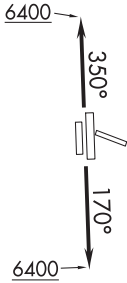
(STAKR5.PYPER) 20030

STAKR FIVE DEPARTURE (RNAV)

AL-5715 (FAA)

CENTENNIAL (APA)  
DENVER, COLORADO

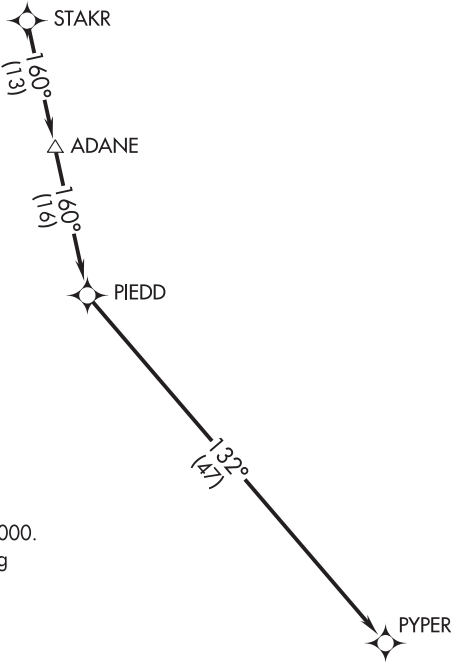
ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3



TOP ALTITUDE:  
FL230

TAKEOFF MINIMUMS

- Rwys 10, 28: NA-ATC.
- Rwys 35L/R: Standard with minimum climb of 260' per NM to 16000.
- Rwy 17L: Standard with minimum climb of 255' per NM to 12500.
- Rwy 17R: Standard with minimum climb of 370' per NM to 9000.



- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence. . . .

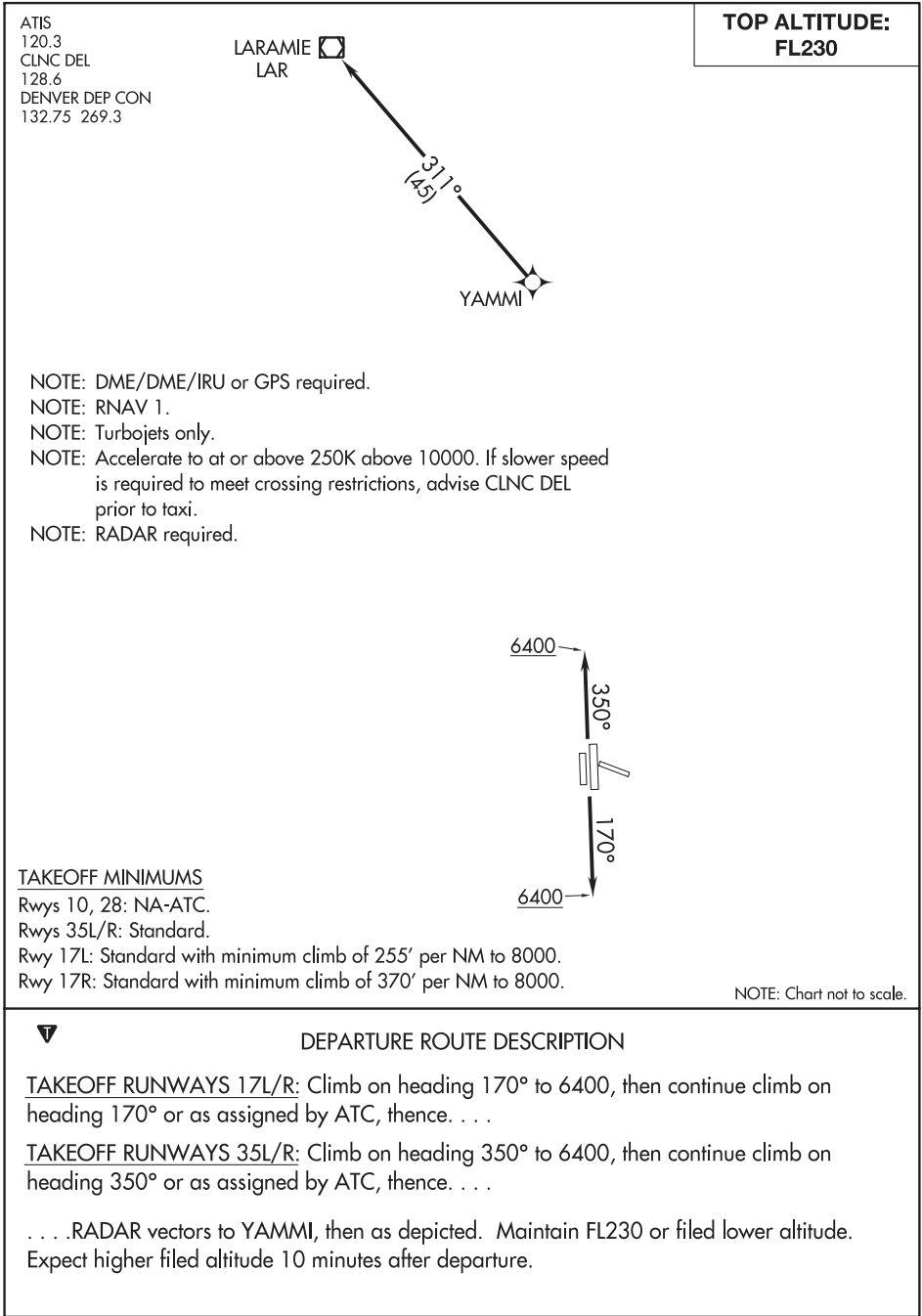
TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC, thence. . . .

. . . .RADAR vectors to STAKR, then on depicted route to PYPER. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





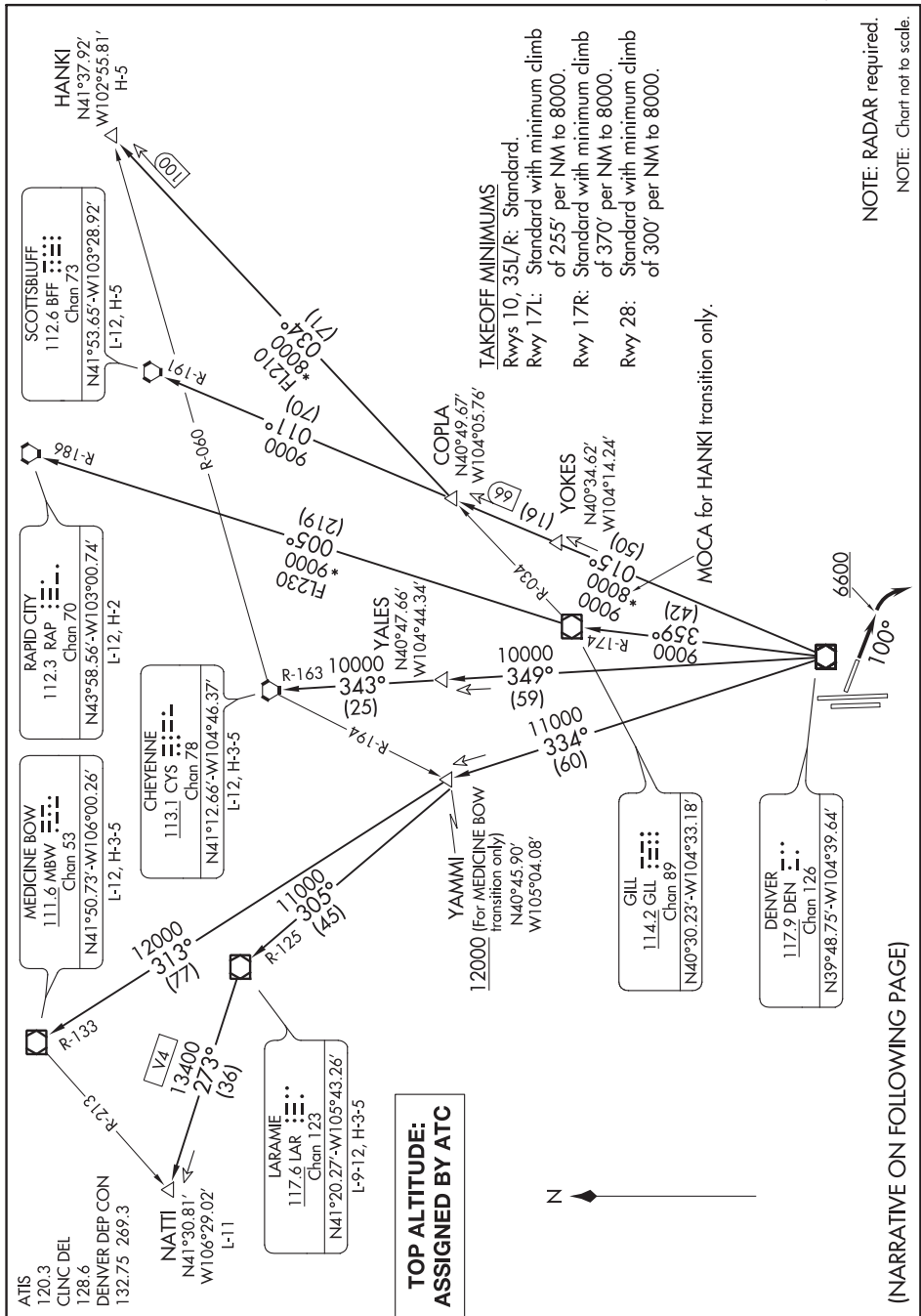


YELLOWSTONE THREE DEPARTURE

AL-5715 (FAA)

CENTENNIAL (APA)  
DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020

YELLOWSTONE THREE DEPARTURE

(NARRATIVE ON FOLLOWING PAGE)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned transition. Expect filed altitude 10 minutes after departure.  
RUNWAY 10: Climb on heading 100° to 6600 before turning right.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

CHEYENNE TRANSITION (YELLO3.CYS): From over DEN VOR/DME on DEN R-349 and CYS R-163 to CYS VORTAC.

HANKI TRANSITION (YELLO3.HANKI): From over DEN VOR/DME on DEN R-015 and GLL R-034 to HANKI.

LARAMIE TRANSITION (YELLO3.LAR): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME.

MEDICINE BOW TRANSITION (YELLO3.MBW): From over DEN VOR/DME on DEN R-334 and MBW R-133 to MBW VOR/DME.

NATTI TRANSITION (YELLO3.NATTI): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME, then on LAR R-273 to NATTI.

RAPID CITY TRANSITION (YELLO3.RAP): From over DEN VOR/DME on DEN R-359 and GLL R-174 to GLL VOR/DME, then on GLL R-005 and RAP R-186 to RAP VORTAC.

SCOTTSBLUFF TRANSITION (YELLO3.BFF): From over DEN VOR/DME on DEN R-015 and BFF R-191 to BFF VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(YOKES7.YOKES) 20030

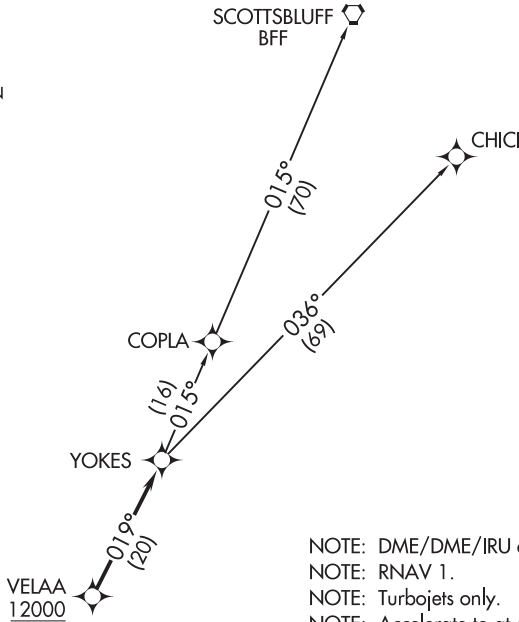
## YOKES SEVEN DEPARTURE (RNAV)

AL-5715 (FAA)

CENTENNIAL (APA)  
DENVER, COLORADO

ATIS  
120.3  
CLNC DEL  
128.6  
DENVER DEP CON  
132.75 269.3

**TOP ALTITUDE:**  
**FL230**



NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: RADAR required.

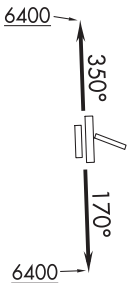
TAKEOFF MINIMUMS

Rwys 10, 28: NA-ATC.

Rwys 35L, 35R: Standard.

Rwy 17L: Standard with minimum climb of 255' per NM to 8000.

Rwy 17R: Standard with minimum climb of 370' per NM to 8000.



NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 17L/R: Climb on heading 170° to 6400, then continue climb on heading 170° or as assigned by ATC, thence. . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 350° to 6400, then continue climb on heading 350° or as assigned by ATC, thence. . .

. . . RADAR vectors to VELAA, then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

CHICI TRANSITION (YOKES7.CHICI)

SCOTTSBLUFF TRANSITION (YOKES7.BFF)

YOKES SEVEN DEPARTURE (RNAV)

(YOKES7.YOKES) 30JAN20

DENVER, COLORADO  
CENTENNIAL (APA)

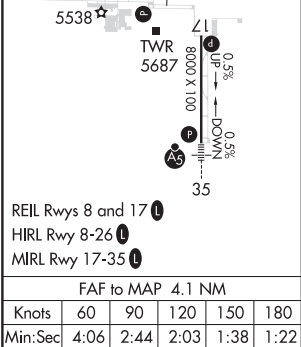
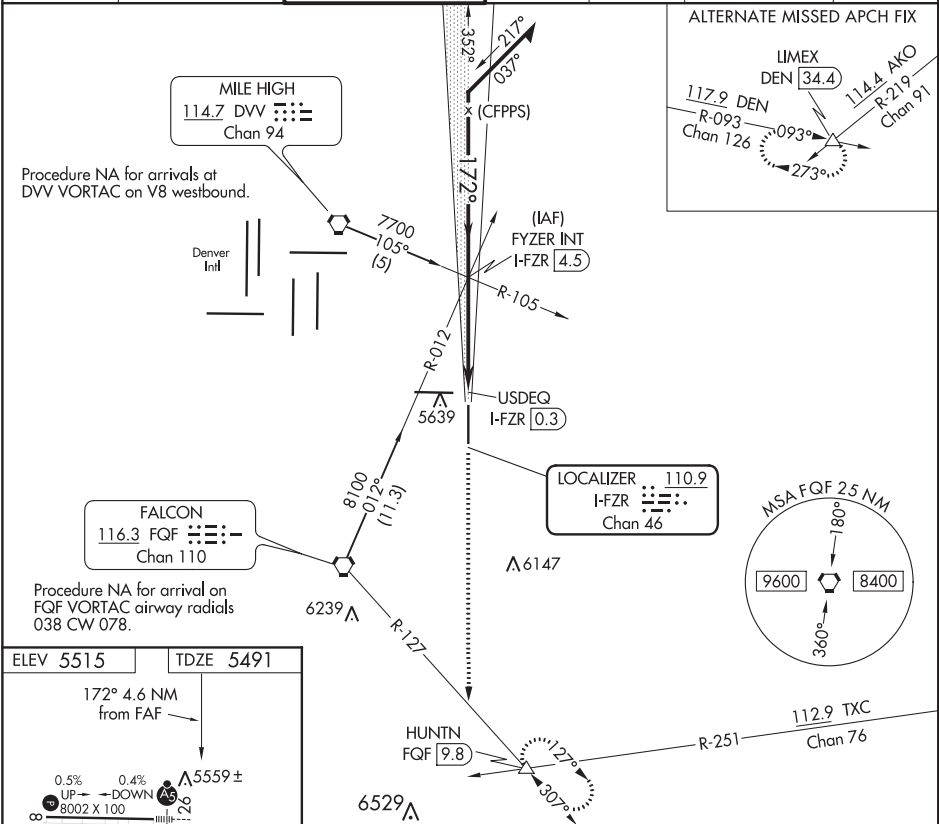


LOC/DME I-FZR	APP CRS	Rwy Idg	8000
110.9	172°	TDZE	5491
Chan 46		Apt Elev	5515

ILS or LOC RWY 17  
COLORADO AIR AND SPACE PORT (CFO)

MISSED APPROACH: Climb to 8500 on heading 172° and FQF VORTAC R-127 to HUNTN INT/FQF 9.8 DME and hold.	
--	--

ATIS 119.025	DENVER APP CON 128.25 371.95	FRONT RANGE TOWER★ 120.2 (CTAF) 0	GND CON 124.7	CLNC DEL 124.7	CLNC DEL 121.75 (When twr closed)	UNICOM 122.95
-----------------	---------------------------------	--------------------------------------	------------------	-------------------	---	------------------



Remain within 10 NM	FYZER INT I-FZR 4.5	8500	FQF R-127	HUNTN
7000	7000	hdg 172°		
GS 3.00°	7000	I-FZR DME ANTENNA		
TCH 55		USDEQ I-FZR 0.3		
		4.1 NM	0.5 NM	
CATEGORY	A	B	C	D
S-ILS 17		5691-3/4	200 (200-3/4)	
S-LOC 17		5820-1	329 (400-1)	
CIRCLING	6000-1	485 (500-1)	6100-1 1/2 585 (600-1 1/2)	6300-2 1/2 785 (800-2 1/2)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO



AL-6851 (FAA)

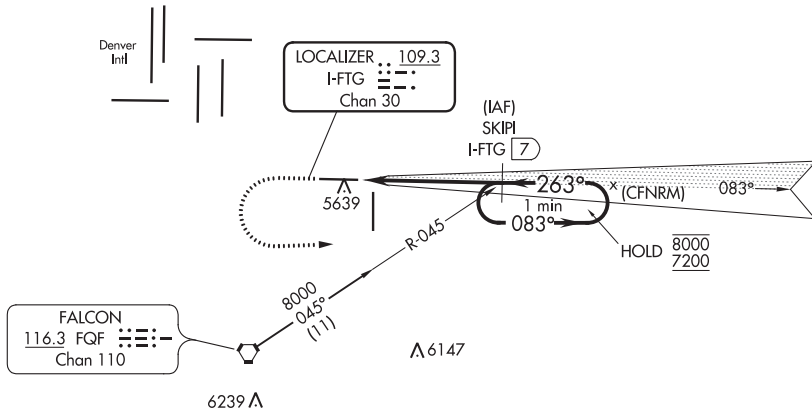
20030

LOC/DME I-FTG <b>109.3</b> Chan <b>30</b>	APP CRS <b>263°</b>	Rwy Idg TDZE Apt Elev	<b>8002</b> <b>5489</b> <b>5515</b>
---	------------------------	-----------------------------	---

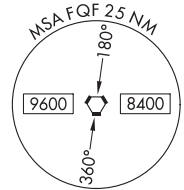
# ILS or LOC RWY 26

## COLORADO AIR AND SPACE PORT (CFO)

DME required.			MALSR 	MISSED APPROACH: Climb to 6100 then climbing left turn to 7200 on heading 080° and on FQF VORTAC R-045 to SKIPI/I-FTG 7 DME and hold.		
For inop ALS, increase S-LOC 26 Cat C/D visibility to 1 1/2 SM.						
ATIS 119.025	DENVER APP CON 128.25 371.95	FRONT RANGE TOWER★ 120.2 (CTAF) 	GND CON 124.7	CLNC DEL 124.7	CLNC DEL 121.75 (When twr closed)	UNICOM 122.95

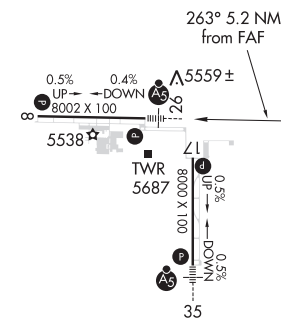





Procedure NA for arrival on FQF VORTAC  
airway radials 038 CW 078.



ELEV 5515 TDZE 5489

A 6529



REIL Rws 8 and 17   
HIRL Rwy 8-26   
MIRL Rwy 17-35 

6100 ↑		7200 hdg 080°	FQF R-045	SKIPI I-FTG 7	One Minute Holding Pattern	
*LOC only		I-FTG 1.7	*I-FTG 2.9	SKIPI I-FTG 7	083° → 8000 ← 263° 7200 GS 3.00° TCH 50	
		1.1 NM		4.1 NM		
CATEGORY	A		B		C	D
S-ILS 26	5689-½ 200 (200-½)					
S-LOC 26	5900-½ 411 (400-½)				5900-¾ 411 (400-¾)	
CIRCLING	6000-1 485 (500-1)				6100-1½ 585 (600-1½)	6300-2½ 785 (800-2½)

DENVER, COLORADO

Amdt 6A 30JAN20

COLORADO AIR AND SPACE PORT (CFO)

39°47'N-104°32'W

ILS or LOC RWY 26

SW-1, 30 JAN 2020 to 26 MAR 2020

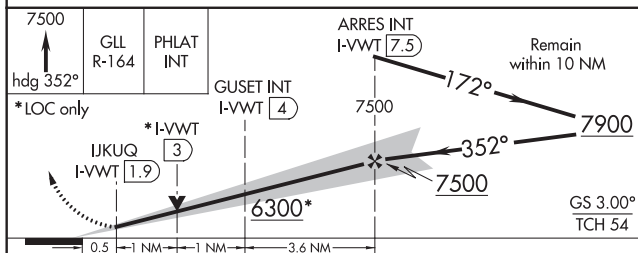
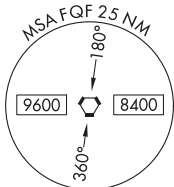
SW-1, 30 JAN 2020 to 26 MAR 2020



ILS or LOC RWY 35  
COLORADO AIR AND SPACE PORT (CFO)

**MISSED APPROACH:** Climb to 7500 on heading 352° and on GLL VOR/DME R-164 to PHLAT INT/DVV 6.6 DME and hold.

FALCON  
116.3 FQF  $\begin{smallmatrix} \text{::} & \text{::} & \text{::} \\ \text{::} & \text{::} & \text{::} \end{smallmatrix} -$   
Chan 110



ELEV 5515 TDZE 5515

0.5% UP → 0.4% DOWN  
8002 X 100 → 5559±  
5538 ☆ 5687 TWR  
0.5% DOWN → 0.5% DOWN  
5538 → 5687 → 35  
352° 6.1 NM from FAF  
REIL Rwy 8 and 17  
HIRL Rwy 8-26  
MIRL Rwy 17-35  
FAF to MAP 5.6 NM

	Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) RWY 17

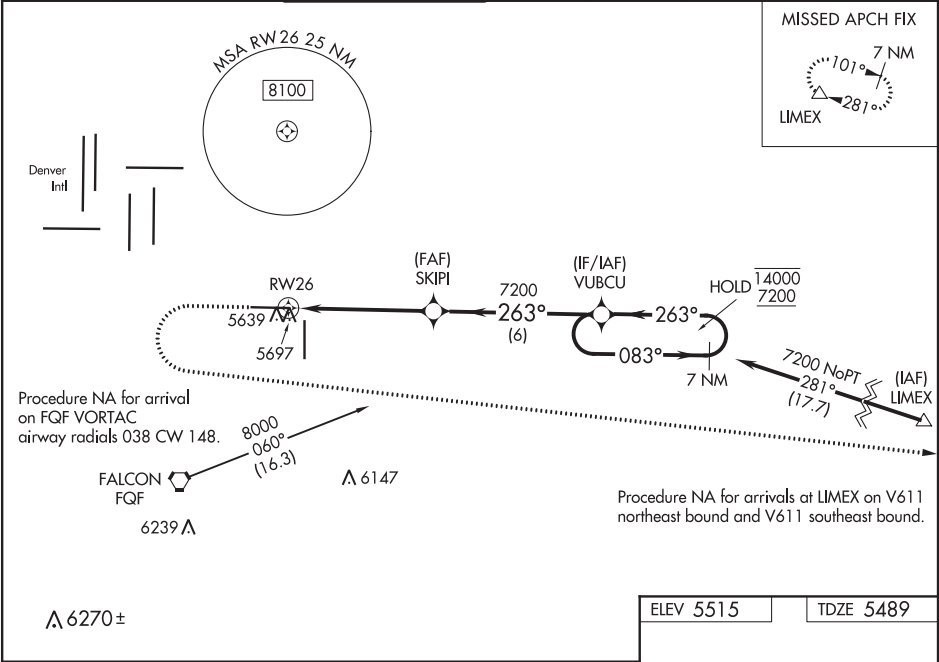


WAAS CH <b>93909</b> <b>W26A</b>	APP CRS <b>263°</b>	Rwy Idg TDZE Apt Elev	<b>8002</b> <b>5489</b> <b>5515</b>
--	------------------------	-----------------------------	---

**RNAV (GPS) RWY 26**  
COLORADO AIR AND SPACE PORT (CFO)

RNP APCH.	MALSR	MISSED APPROACH: (Do not exceed 200K until LIMEX) Climb to 6100 then climbing left turn to 7600 direct LIMEX and hold.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 48°C. For inop ALS, increase LNAV/VNAV all Cats visibility to 1½ SM, and increase LNAV Cat C/D visibility to 1½ SM.	AS	

ATIS <b>119.025</b>	DENVER APP CON <b>128.25 371.95</b>	FRONT RANGE TOWER* <b>120.2 (CTAF) 0</b>	GND CON <b>124.7</b>	CLNC DEL <b>124.7</b>	CLNC DEL <b>121.75</b> (When twr closed)	UNICOM <b>122.95</b>
------------------------	--	---	-------------------------	--------------------------	--	-------------------------



6100

↑

7600

↶

LIMEX

△

\*LNAV only

\*1.4 NM to RW26

SKIPI

7200

VUBCU

7 NM Holding Pattern

083° →

← 263°

14000

7200

GP 3.00°

TCH 50

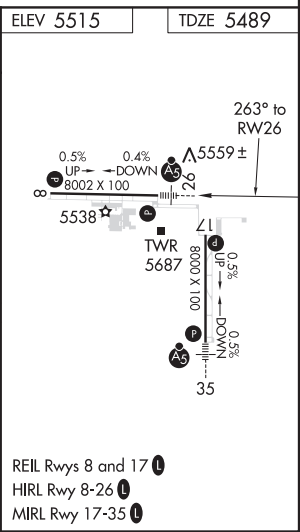
RW26

1.4 NM

3.8 NM

6 NM

CATEGORY	A	B	C	D
LPV DA	5689-½ 200 (200-½)			
LNAV/VNAV DA	5858-¾ 369 (400-¾)			
LNAV MDA	5960-½ 471 (500-½)		5960-1 471 (500-1)	
CIRCLING	6000-1 485 (500-1)		6100-1½ 585 (600-1½)	6300-2½ 785 (800-2½)



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO

AL-6851 (FAA)

20030

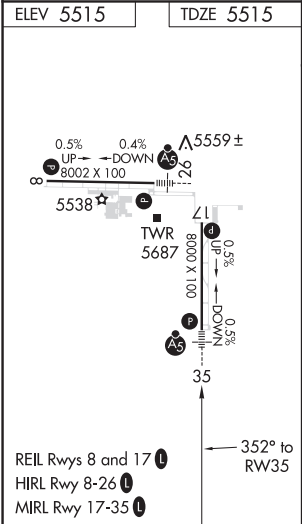
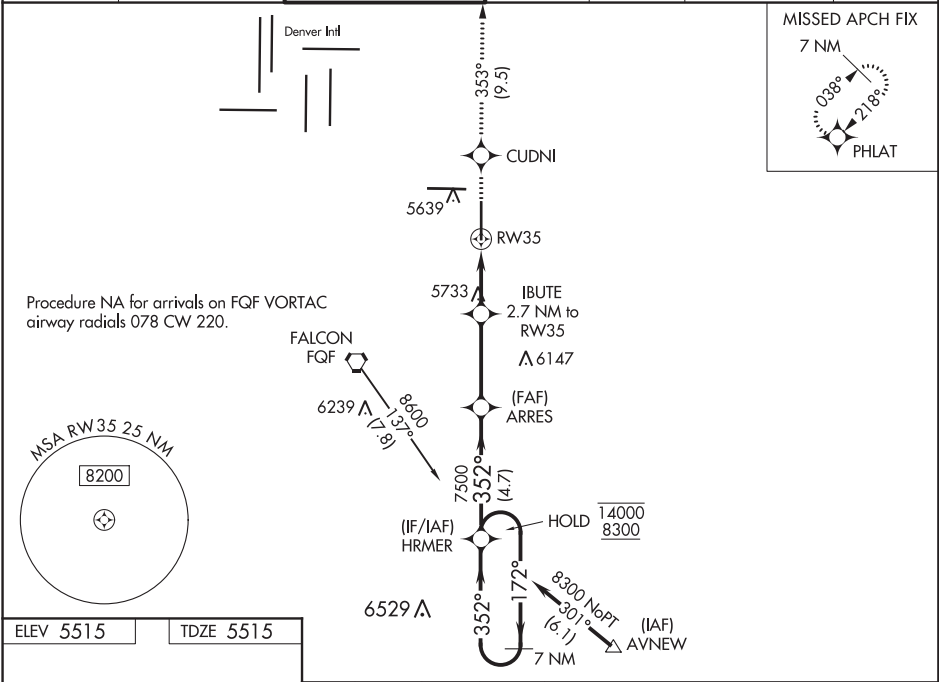
WAAS CH <b>93809</b> <b>W35A</b>	APP CRS <b>352°</b>	Rwy Idg TDZE <b>5515</b> Apt Elev <b>5515</b>
--	------------------------	---

# RNAV (GPS) RWY 35

COLORADO AIR AND SPACE PORT (CFO)

RNP APCH. ▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 46°C. For inop ALS, increase LNAV/VNAV all Cats visibility to ¾ SM. ▲		MALSR 	MISSED APPROACH: Climb to 8000 direct CUDNI and on track 353° to PHLAT and hold.	
--	--	-----------	--	--

ATIS <b>119.025</b>	DENVER APP CON <b>128.25 371.95</b>	FRONT RANGE TOWER* <b>120.2 (CTAF) 0</b>	GND CON <b>124.7</b>	CLNC DEL <b>124.7</b>	CLNC DEL <b>121.75</b> (When twr closed)	UNICOM <b>122.95</b>
------------------------	--	---	-------------------------	--------------------------	--	-------------------------



8000	CUDNI	tr 353°	PHLAT	ARRES	HRMER	7 NM Holding Pattern
*LNAV only		IBUTE 2.7 NM to RW35	7500	172°	14000	
*1.5 NM to RW35		6420*	7500	352°	8300	GP 3.00° TCH 54
1.5 NM		1.2 NM	3.4 NM	4.7 NM		
CATEGORY	A	B	C	D		
LPV DA	5715-½		200 (200-½)			
LNAV/VNAV DA	5783-½		268 (300-½)			
LNAV MDA	6040-½ 525 (600-½)		6040-1 525 (600-1)			
CIRCLING	6040-1 525 (600-1)		6100-1½ 585 (600-1½)		6300-2½ 785 (800-2½)	

DENVER, COLORADO  
Amdt 2A 30JAN20

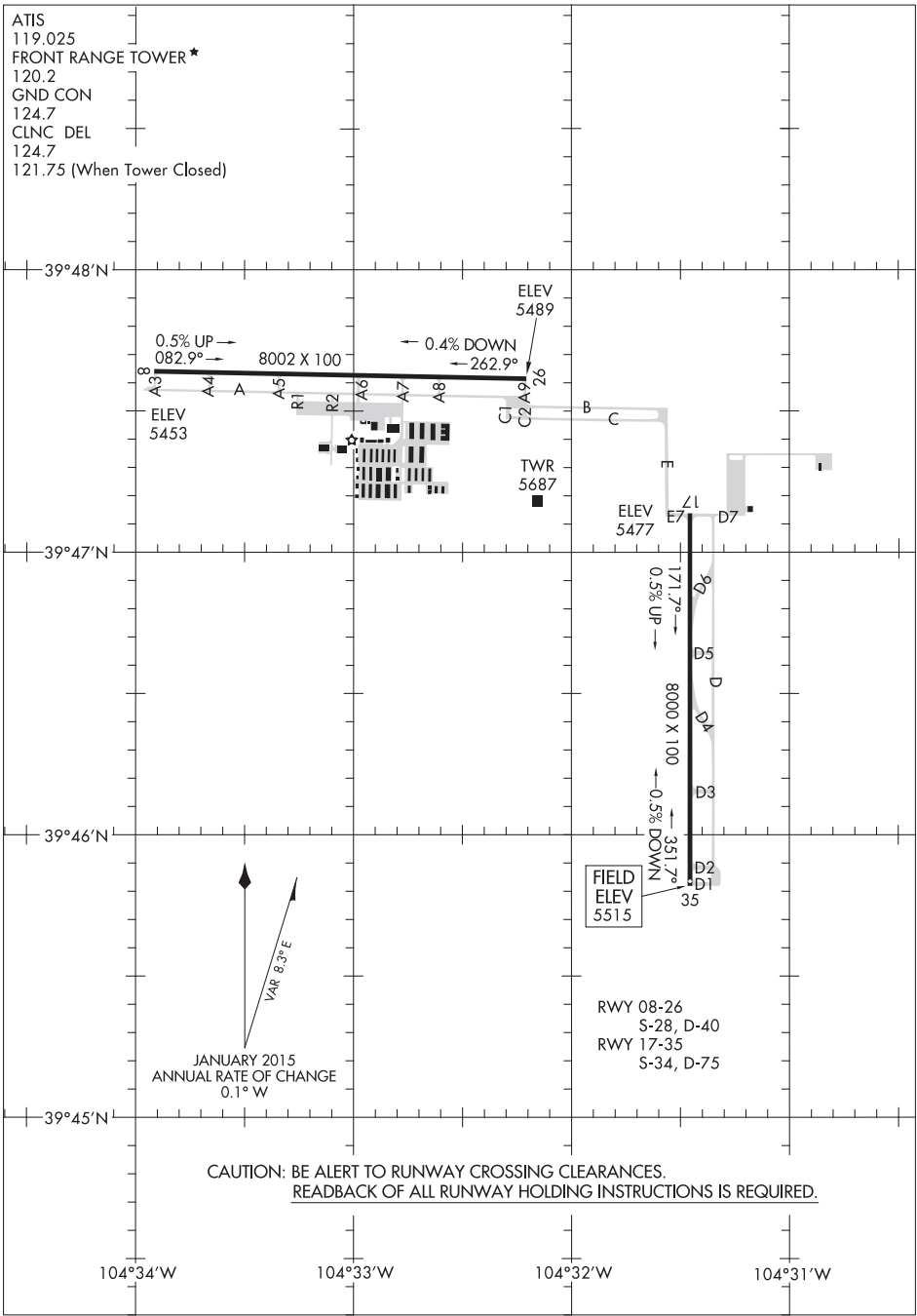
39°47'N-104°32'W

# RNAV (GPS) RWY 35

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(BAYLR5.BOBBA) 20030

## BAYLR FIVE DEPARTURE (RNAV)

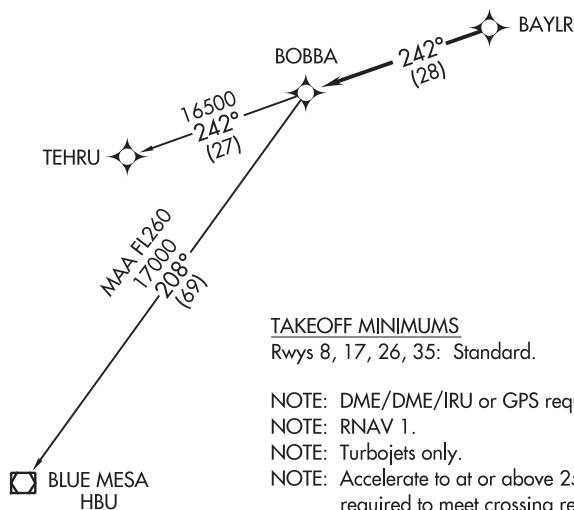
COLORADO AIR AND SPACE PORT (CFO)

AL-6851 (FAA)

DENVER, COLORADO

ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95

**TOP ALTITUDE:  
FL230**

**TAKEOFF MINIMUMS**

Rwys 8, 17, 26, 35: Standard.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: RADAR required.

NOTE: For non-GPS equipped aircraft on the Blue Mesa Transition, GLL, DBL, and HBU DMEs must be operational.

NOTE: Chart not to scale.

**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAY 8:** Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .

**TAKEOFF RUNWAY 17:** Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .

**TAKEOFF RUNWAY 26:** Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .

**TAKEOFF RUNWAY 35:** Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .

. . . .RADAR vectors to BAYLR, then on depicted route to BOBBA, maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

BLUE MESA TRANSITION (BAYLR5.HBU)

TEHRU TRANSITION (BAYLR5.TEHRU)

BAYLR FIVE DEPARTURE (RNAV)

(BAYLR5.BOBBA) 30JAN20

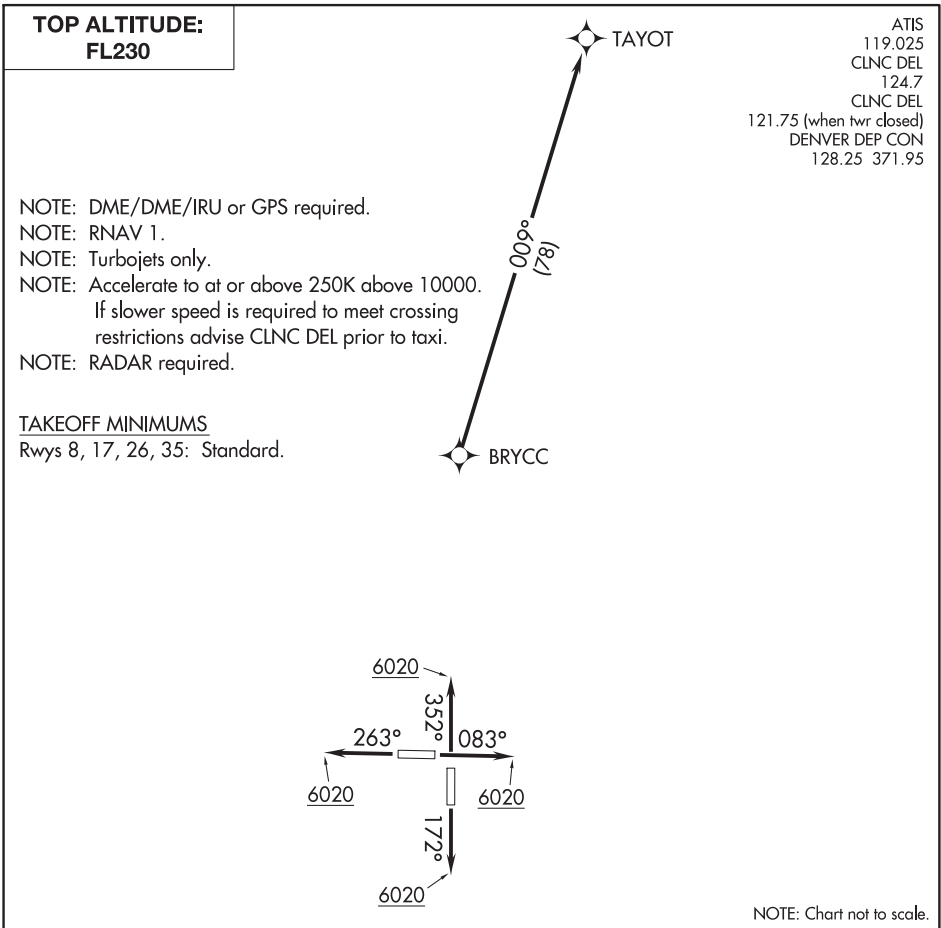
DENVER, COLORADO

COLORADO AIR AND SPACE PORT (CFO)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(CONNR6.CONNR) 20030

## CONNR SIX DEPARTURE (RNAV)

COLORADO AIR AND SPACE PORT (CFO)

AL-6851 (FAA)

DENVER, COLORADO

**TOP ALTITUDE:**  
**FL230**

 ATIS  
 119.025  
 CLNC DEL  
 124.7  
 CLNC DEL  
 121.75 (when twr closed)  
 DENVER DEP CON  
 128.25 371.95

## TAKEOFF MINIMUMS

Rwys 8, 17, 26, 35: Standard.

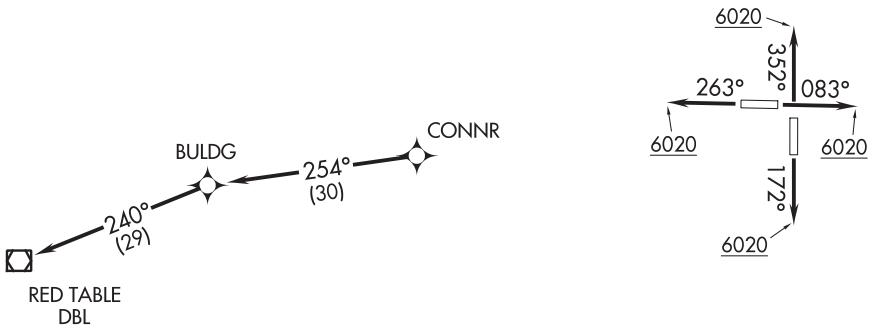
NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLNC DEL prior to taxi.

NOTE: RADAR required.



NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 17: Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 26: Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 35: Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .

. . . .RADAR vectors to CONNR, then on depicted route to DBL VOR/DME. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

CONNR SIX DEPARTURE (RNAV)

(CONNR6.CONNR) 30JAN20

DENVER, COLORADO

COLORADO AIR AND SPACE PORT (CFO)

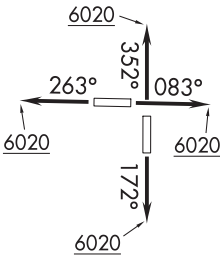
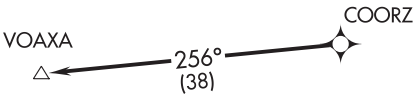
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95

TOP ALTITUDE:  
FL230



TAKEOFF MINIMUMS  
Rwys 8, 17, 26, 35: Standard.

- NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.  
NOTE: RADAR required.

NOTE: Chart not to scale.

**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAY 8:** Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .

**TAKEOFF RUNWAY 17:** Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .

**TAKEOFF RUNWAY 26:** Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .

**TAKEOFF RUNWAY 35:** Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .

. . . .RADAR vectors to COORZ, then on depicted route to VOAXA. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



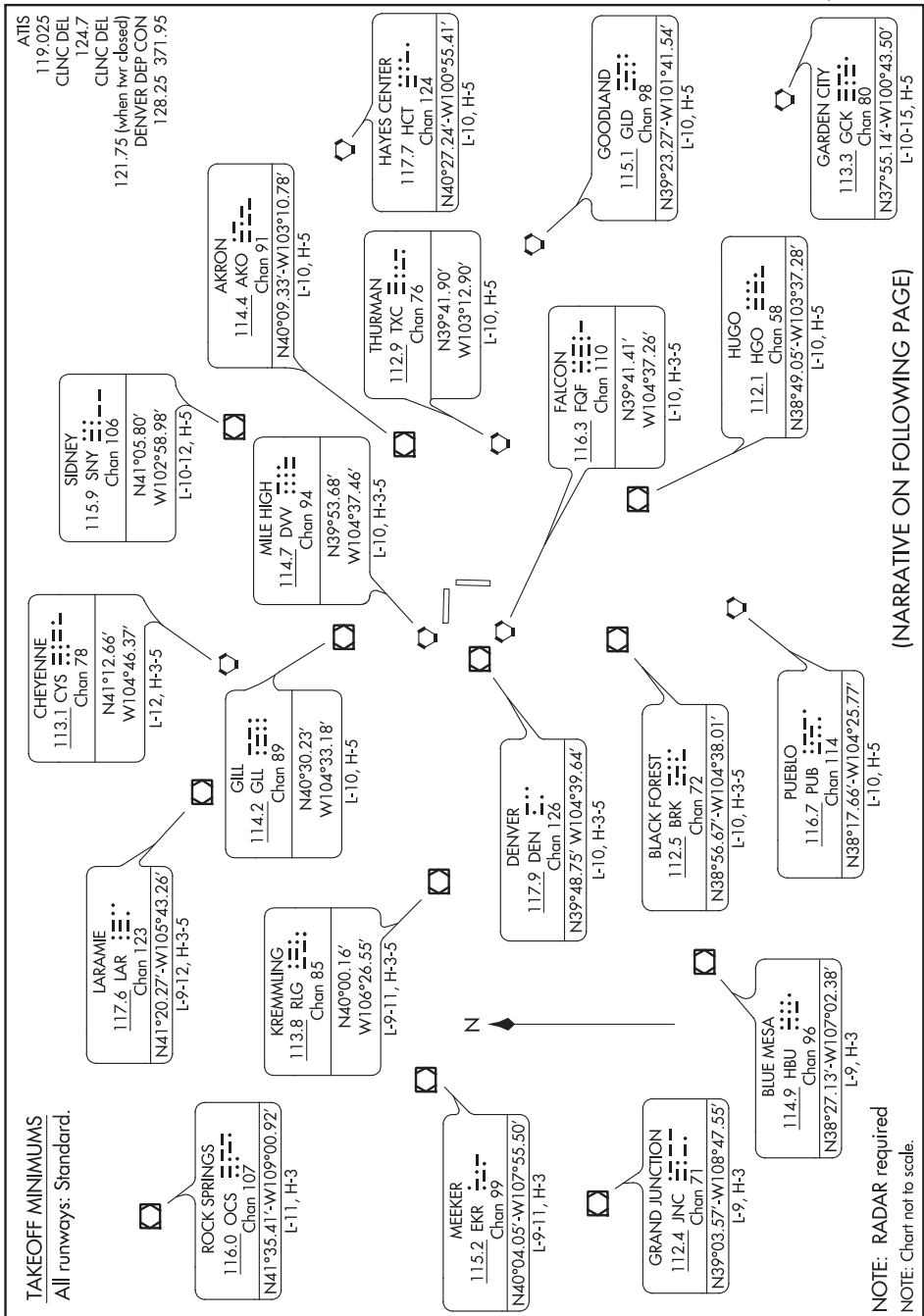
DENVER TWO DEPARTURE

AL-6851 (FAA)

COLORADO AIR AND SPACE PORT (CFO)

DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020

DENVER TWO DEPARTURE

DENVER, COLORADO  
COLORADO AIR AND SPACE PORT (CFO)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned route. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(EEONS7.WYNDM) 20030

186

AL-6851 (FAA)

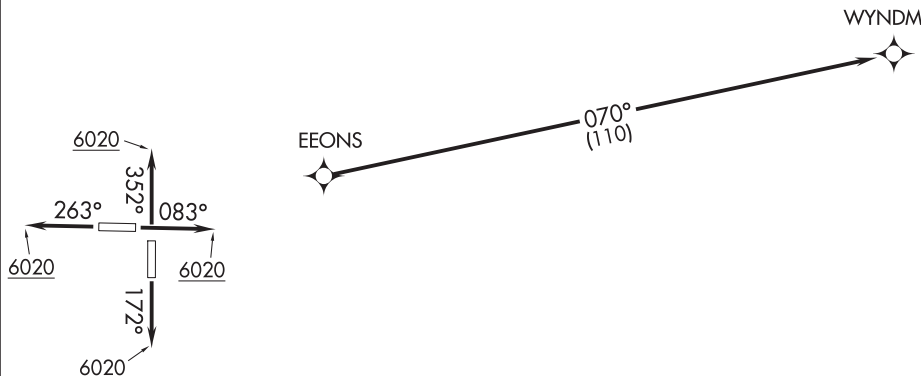
# EEONS SEVEN DEPARTURE (RNAV)

COLORADO AIR AND SPACE PORT (CFO)

DENVER, COLORADO

**TOP ALTITUDE:  
FL230**

ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95



## TAKEOFF MINIMUMS

Rwys 8, 17, 26, 35: Standard.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: RADAR required.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 17: Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 26: Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 35: Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .

. . . .RADAR vectors to EEONS, then on depicted route to WYNDM. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

EEONS SEVEN DEPARTURE (RNAV)

(EEONS7.WYNDM) 30JAN20

DENVER, COLORADO

COLORADO AIR AND SPACE PORT (CFO)

SW-1, 30 JAN 2020 to 26 MAR 2020

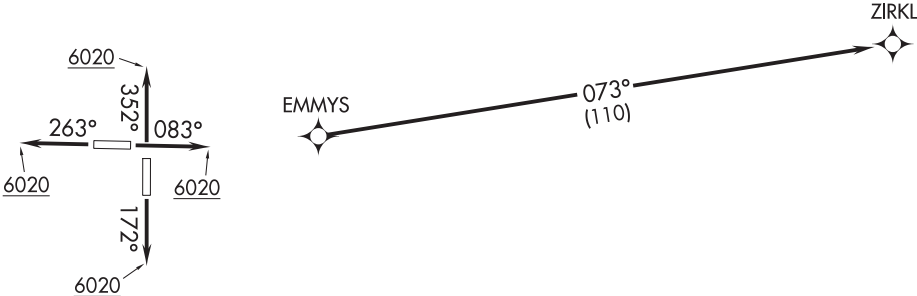
SW-1, 30 JAN 2020 to 26 MAR 2020



TOP ALTITUDE:  
FL230

ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.



TAKEOFF MINIMUMS  
Rwys 8, 17, 26, 35: Standard.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 8: Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 17: Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 26: Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 35: Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .
- . . . .RADAR vectors to EMMYS, then on depicted route to ZIRKL. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



(EPKEE6.WEEDS) 20030

## EPKEE SIX DEPARTURE (RNAV)

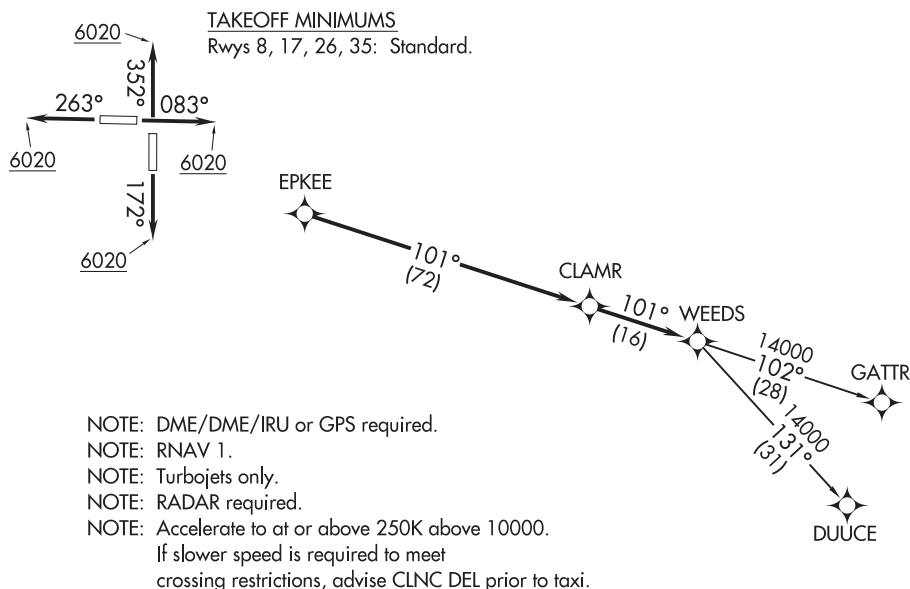
COLORADO AIR AND SPACE PORT (CFO)

AL-6851 (FAA)

DENVER, COLORADO

ATIS  
119.025  
CLNC DEL  
124.7  
DENVER DEP CON  
128.25 371.95

**TOP ALTITUDE:  
FL230**



NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAY 8:** Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .

**TAKEOFF RUNWAY 17:** Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .

**TAKEOFF RUNWAY 26:** Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .

**TAKEOFF RUNWAY 35:** Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to EPKEE, then on depicted route to WEEDS, then on (transition). Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

DUUCE TRANSITION (EPKEE6.DUUCE)

GATTR TRANSITION (EPKEE6.GATTR)

EPKEE SIX DEPARTURE (RNAV)

(EPKEE6.WEEDS) 30JAN20

DENVER, COLORADO

COLORADO AIR AND SPACE PORT (CFO)

SW-1, 30 JAN 2020 to 26 MAR 2020

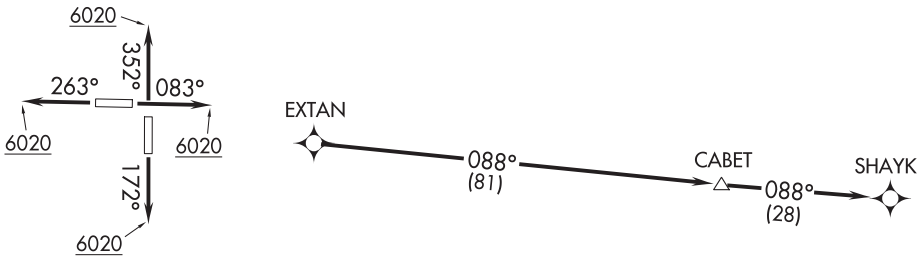
SW-1, 30 JAN 2020 to 26 MAR 2020



TOP ALTITUDE:  
FL230

ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: RADAR required.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: For non-GPS equipped aircraft TXC DME must be operational.



TAKEOFF MINIMUMS

Rwys 8, 17, 26, 35: Standard.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 8: Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 17: Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 26: Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 35: Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .
- . . . .RADAR vectors to EXTAN, then on depicted route to SHAYK. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



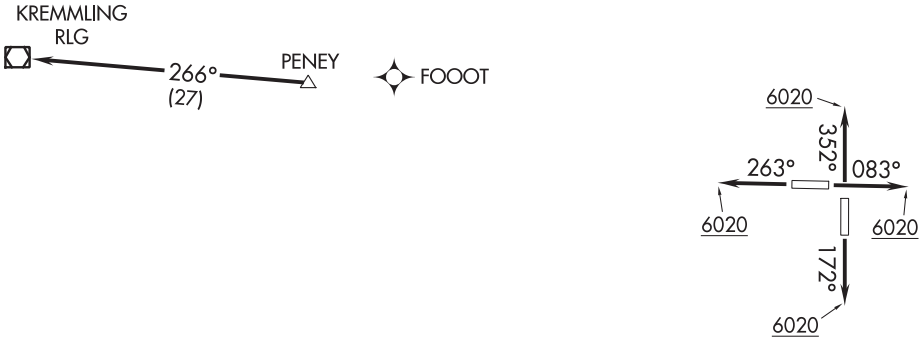
(FOOOT5.RLG) 20030

FOOOT FIVE DEPARTURE (RNAV)

COLORADO AIR AND SPACE PORT (CFO)  
DENVER, COLORADO  
AL-6851 (FAA)

ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95

TOP ALTITUDE:  
FL230



TAKEOFF MINIMUMS

Rwys 8, 17, 26, 35: Standard.

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 8: Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 17: Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 26: Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 35: Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .
- . . . .RADAR vectors to PENNEY, then on depicted route to RLG VOR/DME. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

FOOOT FIVE DEPARTURE (RNAV)  
(FOOOT5.RLG) 30JAN20

DENVER, COLORADO  
COLORADO AIR AND SPACE PORT (CFO)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



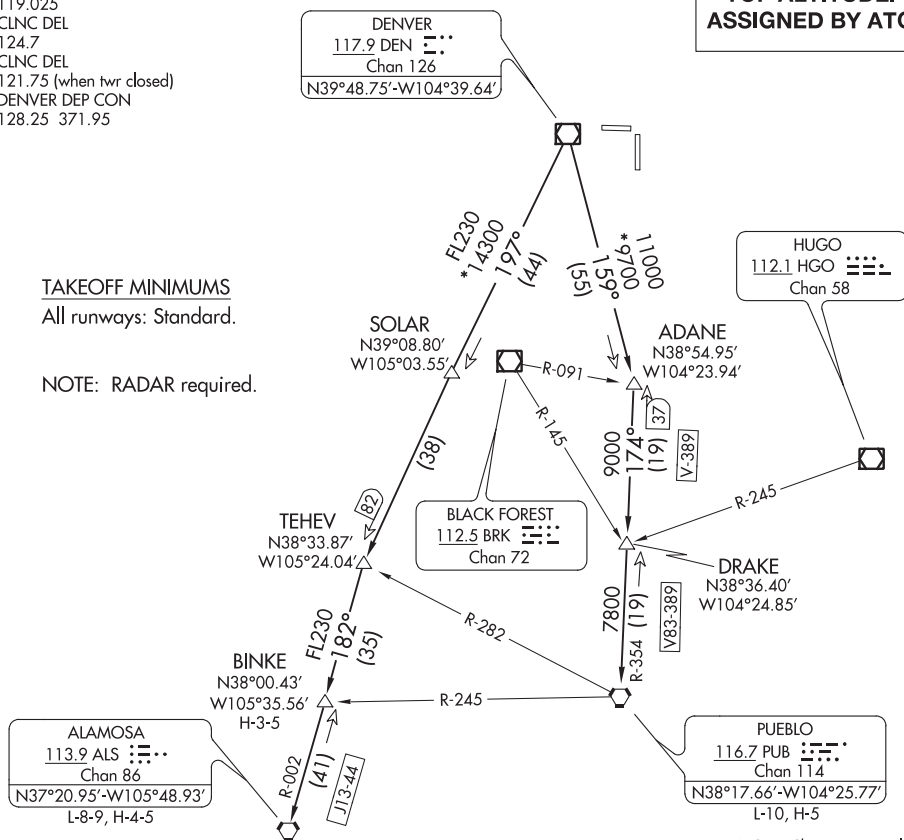
ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95

## TAKEOFF MINIMUMS

All runways: Standard.

NOTE: RADAR required.

**TOP ALTITUDE:  
ASSIGNED BY ATC**



NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

**TAKEOFF ALL RUNWAYS:** Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

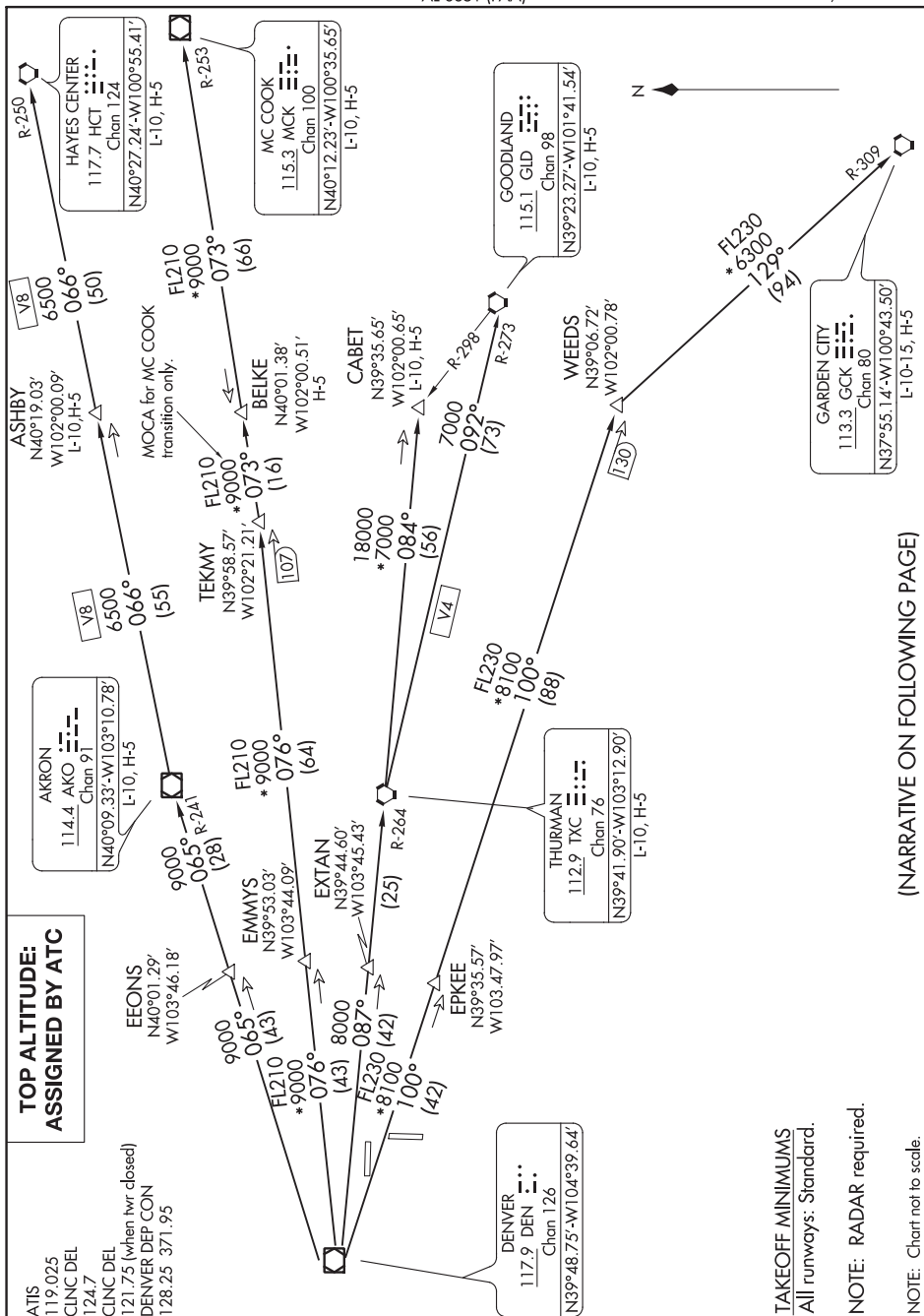
**LOST COMMUNICATIONS:** If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

ALAMOSA TRANSITION (PIKES2.ALS): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to ALS VORTAC.

BINKE TRANSITION (PIKES2.BINKE): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to BINKE.

PUEBLO TRANSITION (PIKES2.PUB): From over DEN VOR/DME on DEN R-159 to ADANE, then on PUB R-354 to PUB VORTAC.





(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

**TAKEOFF MINIMUMS**  
All runways: Standard.

NOTE: RADAR required.

NOTE: Chart not to scale.

## PLAINS ONE DEPARTURE

(PLAIN1.DEN) 30JAN20

DENVER, COLORADO

COLORADO AIR AND SPACE PORT (CFO)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

AKRON TRANSITION (PLAIN1.AKO): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME.

ASHBY TRANSITION (PLAIN1.ASHBY): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to ASHBY.

BELKE TRANSITION (PLAIN1.BELKE): From over DEN VOR/DME on DEN R-076 and MCK R-253 to BELKE INT.

CABET TRANSITION (PLAIN1.CABET): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-084 to CABET.

GARDEN CITY TRANSITION (PLAIN1.GCK): From over DEN VOR/DME on DEN R-100 and GCK R-309 to GCK VORTAC.

GOODLAND TRANSITION (PLAIN1.GLD): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-092 and GLD R-273 to GLD VORTAC.

HAYES CENTER TRANSITION (PLAIN1.HCT): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to HCT VORTAC.

MCCOOK TRANSITION (PLAIN1.MCK): From over DEN VOR/DME on DEN R-076 to TEKMY, then on MCK R-253 to MCK VOR/DME.

THURMAN TRANSITION (PLAIN1.TXC): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC.

WEEDS TRANSITION (PLAIN1.WEEDS): From over DEN VOR/DME on DEN R-100 to WEEDS.

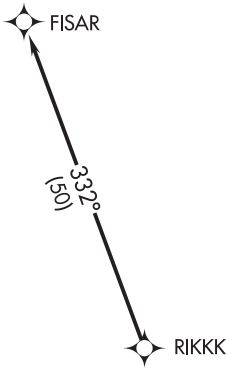


(RIKKK5.FISAR) 20030

RIKKK FIVE DEPARTURE (RNAV)

COLORADO AIR AND SPACE PORT (CFO)  
AL-6851 (FAA) DENVER, COLORADO

TOP ALTITUDE:  
FL230



ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95

TAKEOFF MINIMUMS

Rwys 8, 17, 26, 35: Standard.

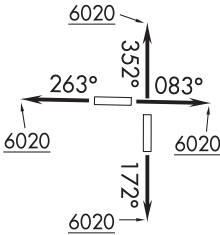
NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: RADAR required.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC. Thence. . .

TAKEOFF RUNWAY 17: Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC. Thence. . .

TAKEOFF RUNWAY 26: Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC. Thence. . .

TAKEOFF RUNWAY 35: Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC. Thence. . .

. . . RADAR vectors to RIKKK, then as depicted. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

RIKKK FIVE DEPARTURE (RNAV)

(RIKKK5.FISAR) 30JAN20

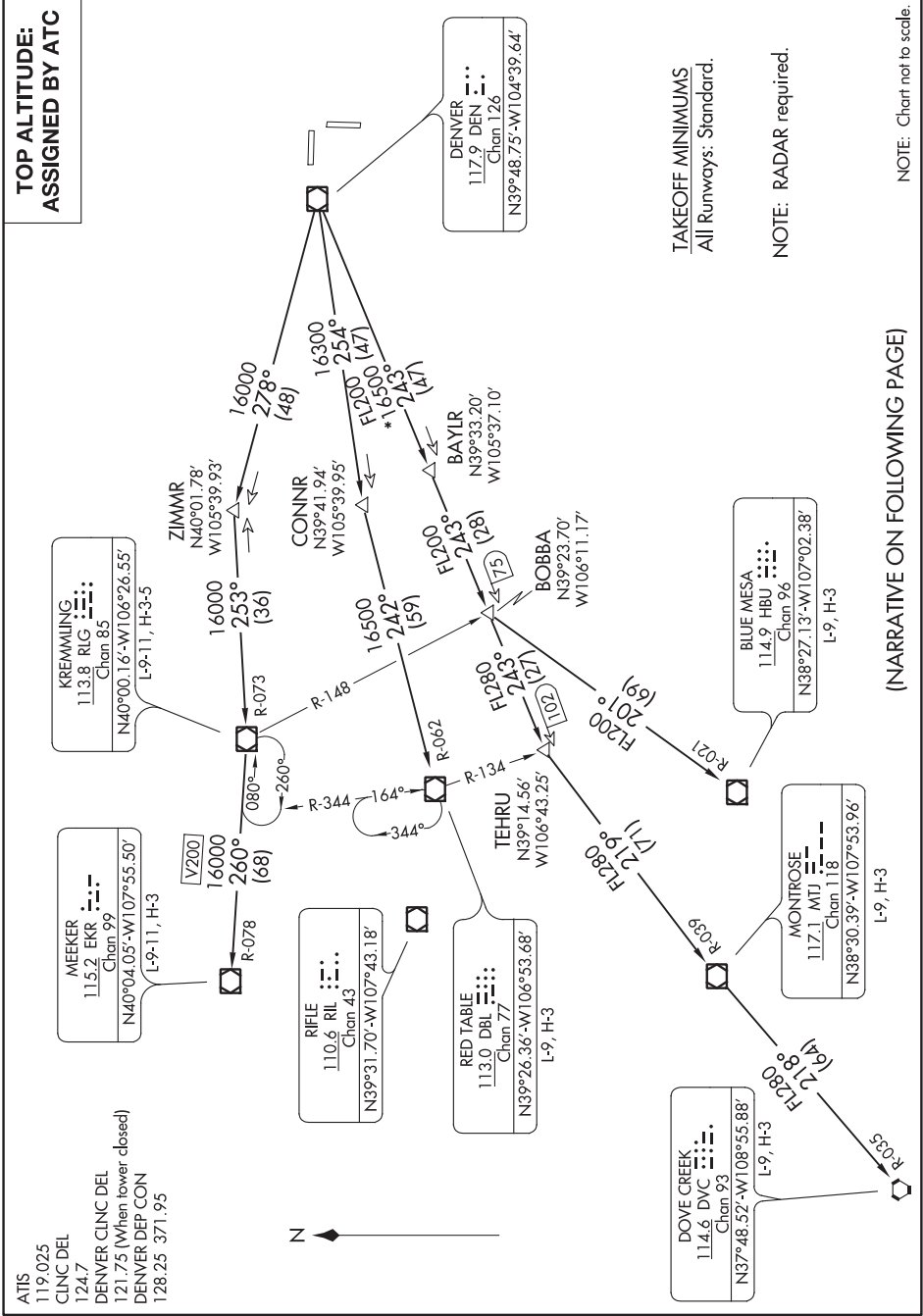
DENVER, COLORADO  
COLORADO AIR AND SPACE PORT (CFO)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020







DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

BLUE MESA TRANSITION (ROCKI4.HBU): From over DEN VOR/DME on DEN R-243 and HBU R-021 to HBU VOR/DME.

DOVE CREEK TRANSITION (ROCKI4.DVC): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME, then on MTJ R-218 and DVC R-035 to DVC VORTAC.

KREMMLING TRANSITION (ROCKI4.RLG): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME.

MEEKER TRANSITION (ROCKI4.EKR): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME, then on RLG R-260 and EKR R-078 to EKR VOR/DME.

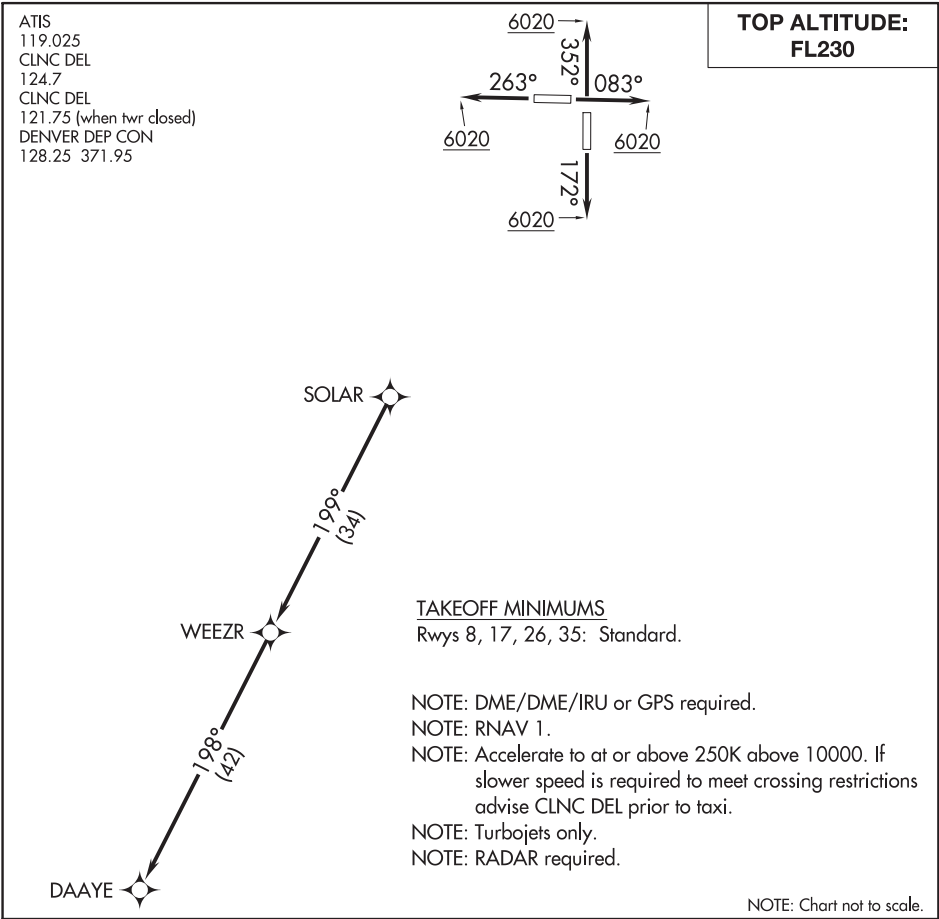
MONTROSE TRANSITION (ROCKI4.MTJ): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME.

RED TABLE TRANSITION (ROCKI4.DBL): From over DEN VOR/DME on DEN R-254 and DBL R-062 to DBL VOR/DME.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(SPAZZ5.SPAZZ) 20030

## SPAZZ FIVE DEPARTURE (RNAV)

COLORADO AIR AND SPACE PORT (CFO)

AL-6851 (FAA)

DENVER, COLORADO

**TOP ALTITUDE:  
FL230**

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

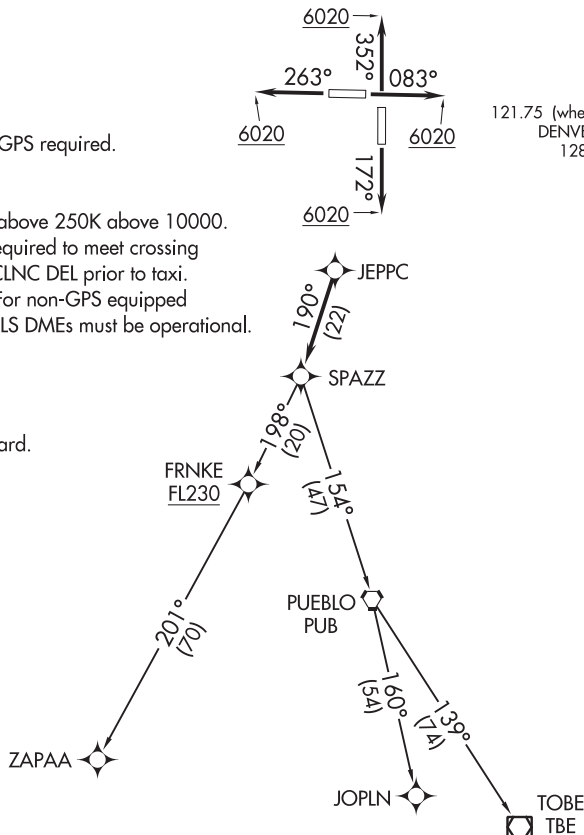
NOTE: Accelerate to at or above 250K above 10000.

If slower speed is required to meet crossing  
restrictions advise CLNC DEL prior to taxi.NOTE: ZAPAA transition: For non-GPS equipped  
aircraft PUB and ALS DMEs must be operational.

NOTE: RADAR required.

TAKEOFF MINIMUMS

Rwys 8, 17, 26, 35: Standard.



NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence . . . .TAKEOFF RUNWAY 17: Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence . . . .TAKEOFF RUNWAY 26: Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence . . . .TAKEOFF RUNWAY 35: Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence . . . .

. . . .RADAR vectors to JEPPC, then as depicted. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

JOPLN TRANSITION (SPAZZ5.JOPLN)TOBE TRANSITION (SPAZZ5.TBE)ZAPAA TRANSITION (SPAZZ5.ZAPAA)

SPAZZ FIVE DEPARTURE (RNAV)

(SPAZZ5.SPAZZ) 30JAN20

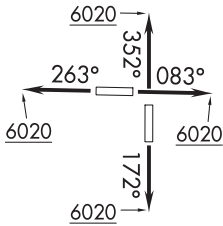
DENVER, COLORADO  
COLORADO AIR AND SPACE PORT (CFO)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95

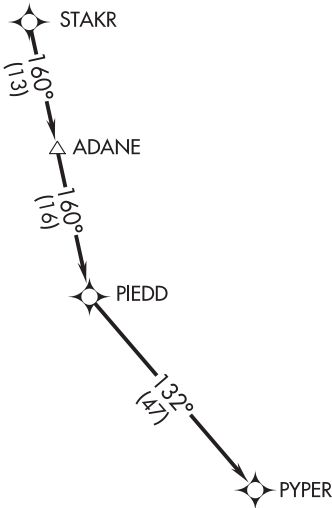


TOP ALTITUDE:  
FL230

TAKEOFF MINIMUMS

Rwys 8, 17, 26, 35: Standard with minimum climb of 225' per NM to 16000.

- NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.  
NOTE: RADAR required.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 17: Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 26: Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 35: Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .

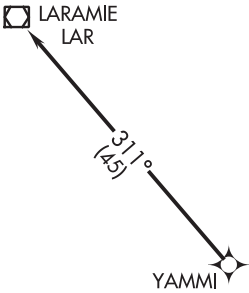
. . . .RADAR vectors to STAKR, then on depicted route to PYPER. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



(YAMMI5.LAR) 20030

YAMMI FIVE DEPARTURE (RNAV)

COLORADO AIR AND SPACE PORT (CFO)  
AL-6851 (FAA) DENVER, COLORADO



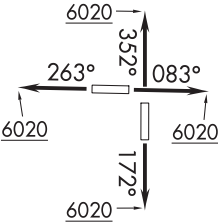
**TOP ALTITUDE:**  
**FL230**

ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.25 371.95

**TAKEOFF MINIMUMS**

Rwys 8, 17, 26, 35: Standard with minimum climb of 210' per NM to 7000.

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLNC DEL prior to taxi.
- NOTE: RADAR required.



NOTE: Chart not to scale.



**DEPARTURE ROUTE DESCRIPTION**

- TAKEOFF RUNWAY 8:** Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 17:** Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 26:** Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 35:** Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .
- . . . RADAR vectors to YAMMI, then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

YAMMI FIVE DEPARTURE (RNAV)  
(YAMMI5.LAR) 30JAN20

DENVER, COLORADO  
COLORADO AIR AND SPACE PORT (CFO)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(YELLO3.DEN) 20030

YELLOWSTONE THREE DEPARTURE

COLORADO AIR AND SPACE PORT (CFO)  
AL-6851 (FAA) DENVER, COLORADO



DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned transition. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

CHEYENNE TRANSITION (YELLO3.CYS): From over DEN VOR/DME on DEN R-349 and CYS R-163 to CYS VORTAC.

HANKI TRANSITION (YELLO3.HANKI): From over DEN VOR/DME on DEN R-015 and GLL R-034 to HANKI.

LARAMIE TRANSITION (YELLO3.LAR): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME.

MEDICINE BOW TRANSITION (YELLO3.MBW): From over DEN VOR/DME on DEN R-334 and MBW R-133 to MBW VOR/DME.

NATTI TRANSITION (YELLO3.NATTI): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME, then on LAR R-273 to NATTI.

RAPID CITY TRANSITION (YELLO3.RAP): From over DEN VOR/DME on DEN R-359 and GLL R-174 to GLL VOR/DME, then on GLL R-005 and RAP R-186 to RAP VORTAC.

SCOTTSBLUFF TRANSITION (YELLO3.BFF): From over DEN VOR/DME on DEN R-015 and BFF R-191 to BFF VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

YELLOWSTONE THREE DEPARTURE

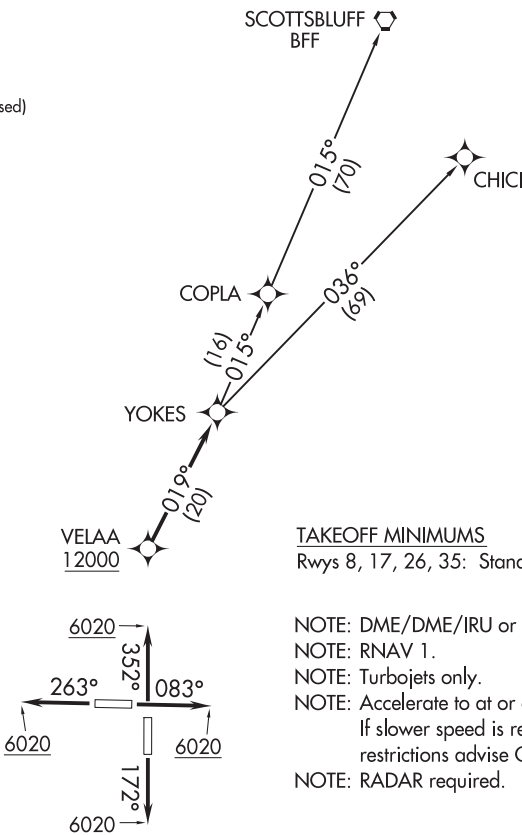
(YELLO3.DEN) 30JAN20

DENVER, COLORADO  
COLORADO AIR AND SPACE PORT (CFO)



ATIS  
119.025  
CLNC DEL  
124.7  
CLNC DEL  
121.75 (when twr closed)  
DENVER DEP CON  
128.75 371.95

TOP ALTITUDE:  
FL230



TAKEOFF MINIMUMS  
Rwys 8, 17, 26, 35: Standard.

NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.  
NOTE: RADAR required.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 6020, then continue climb on heading 083° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 17: Climb on heading 172° to 6020, then continue climb on heading 172° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 26: Climb on heading 263° to 6020, then continue climb on heading 263° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 35: Climb on heading 352° to 6020, then continue climb on heading 352° or as assigned by ATC, thence. . . .

. . . .RADAR vectors to VELAA, then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

CHICI TRANSITION (YOKES7.CHICI)  
SCOTTSBLUFF TRANSITION (YOKES7.BFF)



ILS or LOC RWY 7

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC/DME I-FUI <b>108.9</b> Chan <b>26</b>	APP CRS <b>083°</b>	Rwy Idg <b>12000</b> TDZE <b>5354</b> Apt Elev <b>5434</b>
---	------------------------	--

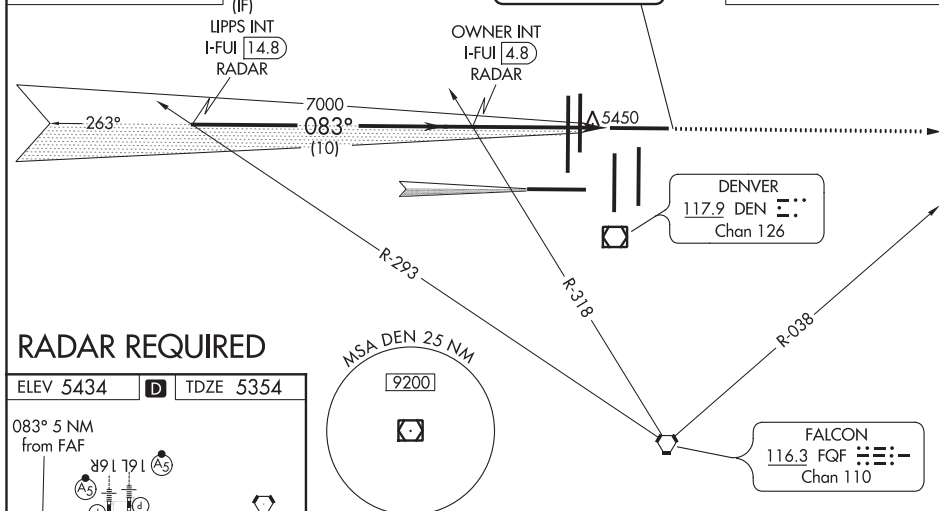
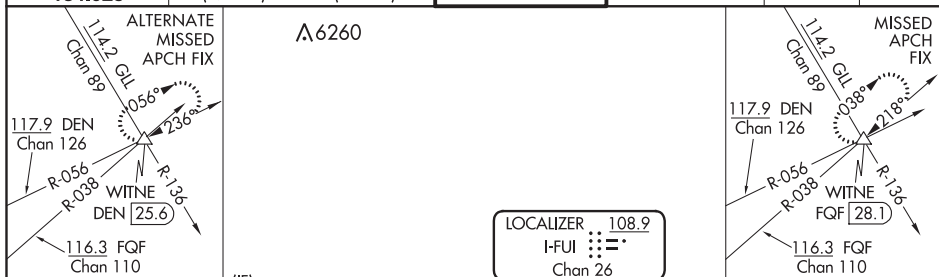
ILS or LOC RWY 8  
DENVER INTL (DEN)

**T** Simultaneous approach authorized with Rwy 7. For inoperative MALSR, increase S-LOC 8 Cat C/D visibility to RVR 5500.  
\*\* RVR 1800 authorized with use of FD or AP or HUD to DA.



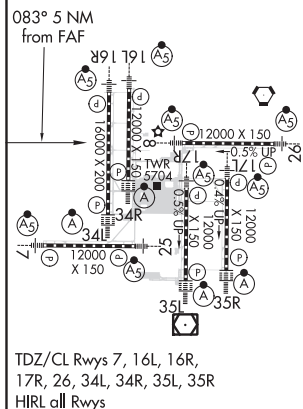
**MISSED APPROACH:** Climb to 10000 on heading 083° and on FQF VORTAC R-038 to WITNE INT/FQF 28.1 DME and hold.

	D-ATIS	DENVER APP CON		DENVER TOWER		GND CON		CLNC DEL	CPDLC	
ARR	125.6 379.9	119.3	307.3	120.35	379.3	132.35	239.275	121.85 377.1		118.75
DEP	134.025	(NORTH)		(SOUTH)						



## RADAR REQUIRED

ELEV 5434	<b>D</b>	TDZE 5354
-----------	----------	-----------



TDZ/CL Rwy 7, 16L, 16R,  
17R, 26, 34L, 34R, 35L, 35R  
HIRL all Rwy

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

DENVER, COLORADO

Amdt 5A 11DEC14

39°52'N-104°40'W

205

DENVER INTL (DEN)

## ILS or LOC RWY 8

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO

AL-9077 (FAA)

17341

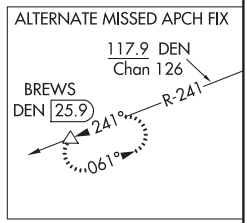
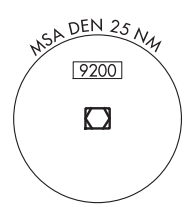
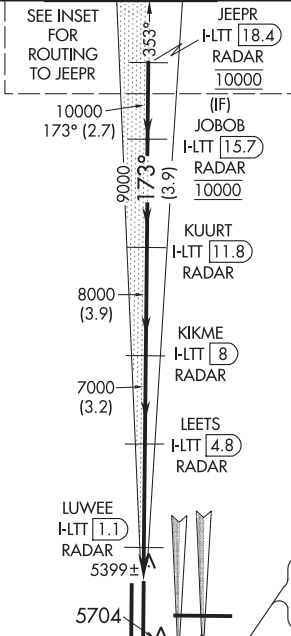
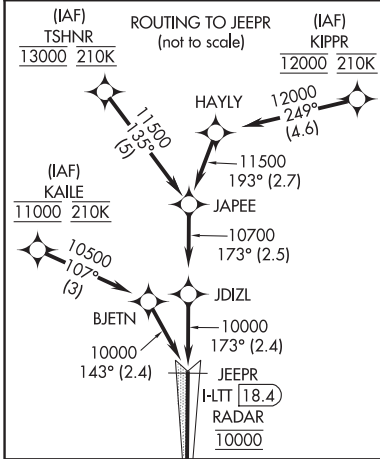
LOC/DME I-LTT <b>111.1</b> Chan <b>48</b>	APP CRS <b>173°</b>	Rwy Idg TDZE Apt Elev <b>12000</b> <b>5357</b> <b>5434</b>
---	------------------------	---

# ILS or LOC RWY 16L

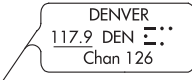
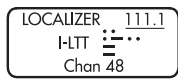
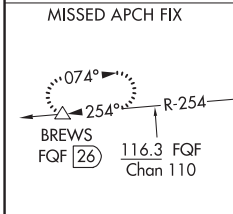
DENVER INTL (DEN)

<b>Simultaneous approach authorized with Rwy 17L/17R. DME required. S-LOC 16L DME or RADAR required. For inoperative MALSR, increase S-LOC Cat C/D visibility to RVR 4500.</b>	<b>MALSR</b> 	<b>MISSED APPROACH:</b> Climb to 5900 then climbing right turn to 12000 on heading 218° and on FQF VORTAC R-254 to BREWS/FQF 26 DME and hold.
--	------------------	---

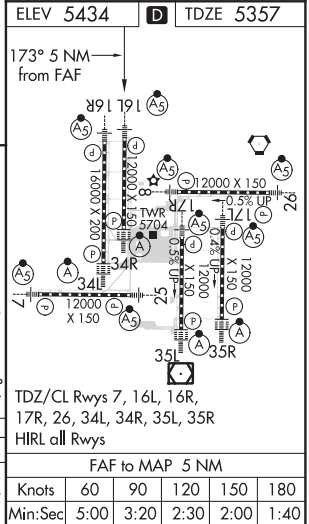
D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>135.3 351.95</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	---------------------------------	---------------------------	-------



## RADAR or GPS REQUIRED



5900	12000	FQF R-254	BREWS	VGSi and ILS glidepath not coincident (VGSi Angle 3.00/TCH 71).
		hdg 218°		
*LOC only				
I-LTT 0.2	I-LTT 0.6	I-LTT 1.1	I-LTT 4.8	I-LTT 11.8
DME ANT.	RADAR	RADAR	RADAR	RADAR
0.8	0.5	3.7 NM	3.2 NM	3.9 NM
5820*	7000	8000	9000	10000
CATEGORY	A	B	C	D
S-ILS 16L	5557/18 200 (200-1/2)			
S-LOC 16L	5660/24 303 (300-1/2)			



DENVER, COLORADO

Amdt 3A 24JUL14

39°52'N-104°40'W

DENVER INTL (DEN)

## ILS or LOC RWY 16L

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC/DME I-DQQ <b>111.9</b> Chan <b>56</b>	APP CRS <b>173°</b>	Rwy Idg TDZE <b>5326</b> Apt Elev <b>5434</b>
---	------------------------	---

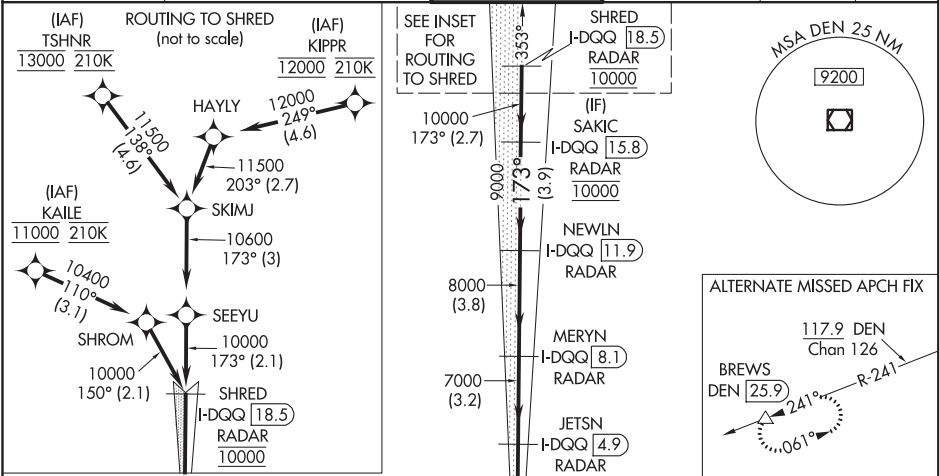
ILS or LOC RWY 16R  
DENVER INTL (DEN)

**⚠** For inoperative MALS, increase S-LOC Cat C/D visibility to RVR 4500. Simultaneous approach authorized with Rwy 17L and 17R. DME required.

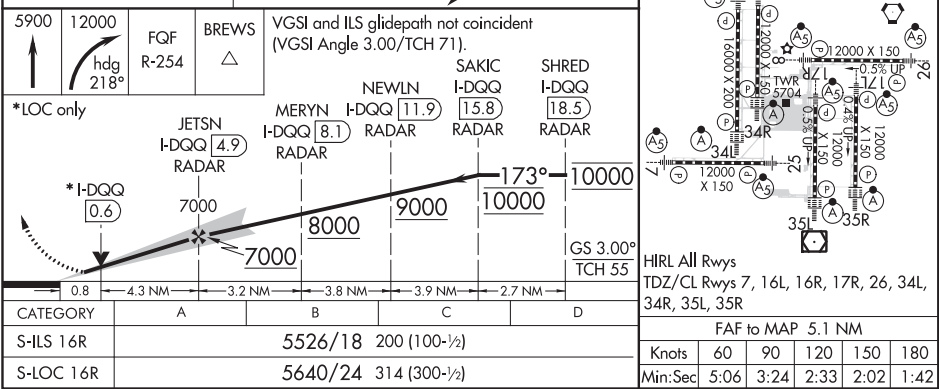
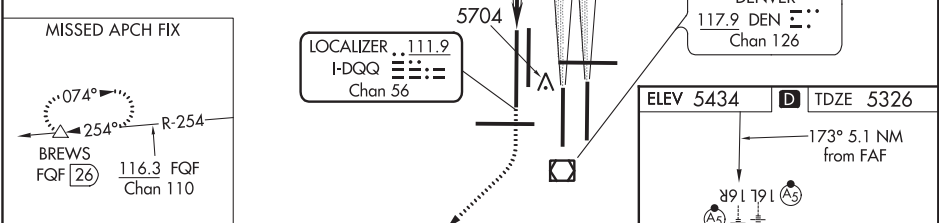
**MALS**

**MISSED APPROACH:** Climb to 5900 then climbing right turn to 12000 on heading 218° and on FGF VORTAC R-254 to BREWS/FQF 26 DME and hold.

D-ATIS ARR <b>125.6 379.9</b> DEF <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>135.3 351.95</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	---------------------------------	---------------------------	-------



RADAR or GPS REQUIRED



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



ILS or LOC RWY 17L  
DENVER INTL (DEN)

**MISSED APPROACH:** Climb to 5900 then climbing left turn to 10000 on heading 120° and FQF VORTAC R-078 to LIMEX INT/FQF 31.9 DME and hold.

DENVER INTL (DEN)  
ILS or LOC RWY 17L

SW-1. 30 JAN 2020 to 26 MAR 2020



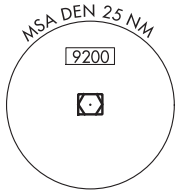
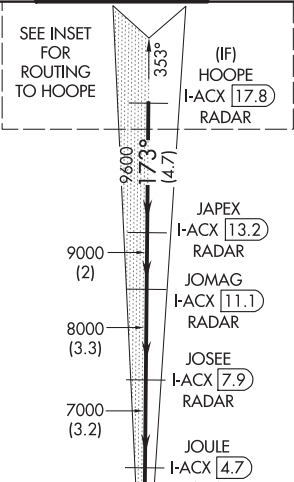
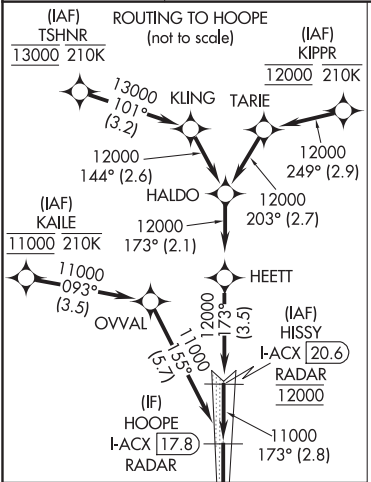
LOC/DME I-ACX <b>108.5</b> Chan <b>22</b>	APP CRS <b>173°</b>	Rwy Idg TDZE Apt Elev <b>12000</b> <b>5392</b> <b>5434</b>
---	------------------------	---

ILS or LOC RWY 17R  
DENVER INTL (DEN)

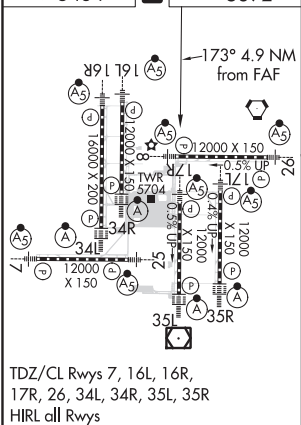
DME or RADAR required for LOC only.  
RNAV 1-GPS or RADAR required for procedure entry.  
Simultaneous approach authorized. For inop ALS, increase S-17R LOC Cat C/D visibility to RVR 5500.

MALSR  
MISSED APPROACH: Climb to 10000 on heading 173° and on FQF VORTAC R-197 to HOHUM INT/ FQF 22.5 DME and hold.

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>133.3 322.45</b>	GND CON <b>121.85 377.1</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	--------------------------------	---------------------------	-------

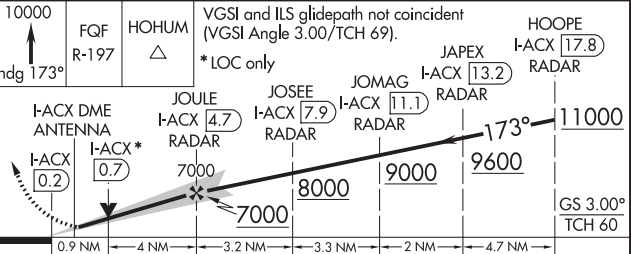
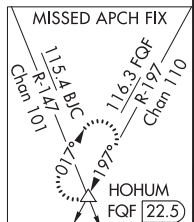


**A5824**  
ELEV 5434 **D** TDZE 5392



LOCALIZER 108.5  
I-ACX  
Chan 22

DENVER  
117.9 DEN  
Chan 126



FAT to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

CATEGORY	A	B	C	D
S-ILS 17R	5592/18 200 (200-1/2)			
S-LOC 17R	5720/24 328 (300-1/2)		5720/30 328 (300-5/8)	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO

AL-9077 (FAA)

18312

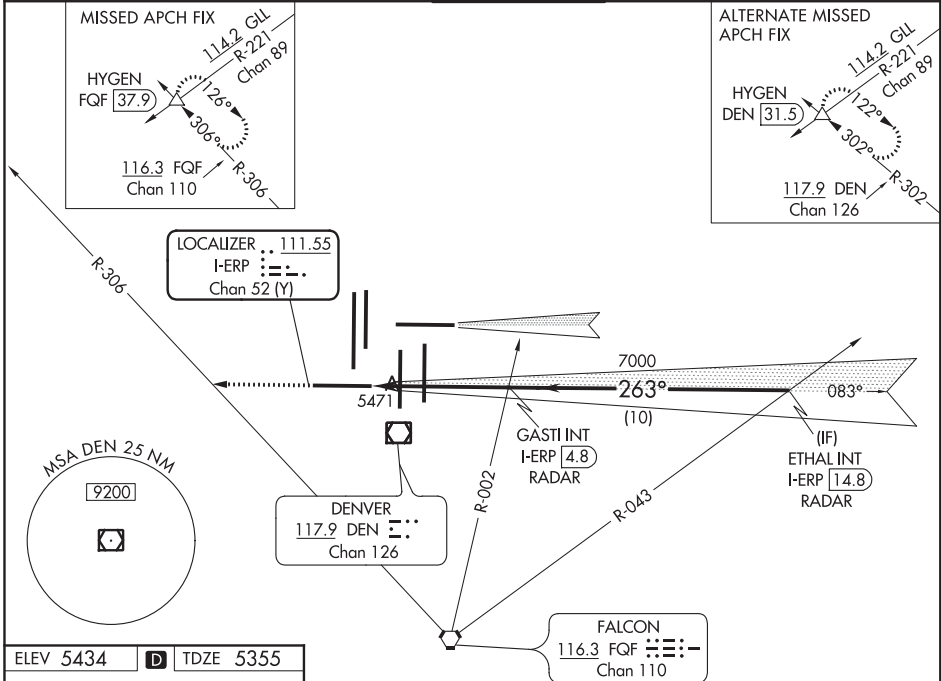
LOC/DME I-ERP <b>111.55</b> Chan <b>52 (Y)</b>	APP CRS <b>263°</b>	Rwy Idg <b>12000</b> TDZE <b>5355</b> Apt Elev <b>5434</b>
--	------------------------	--

# ILS or LOC RWY 25

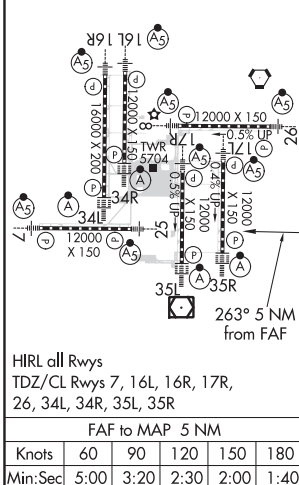
DENVER INTL (DEN)

<b>Simultaneous approach authorized with Rwy 26. For inoperative MALSR, increase S-LOC 25 Cat C and D visibility to RVR 5500.</b> <b>**RVR 1800 authorized with use of FD or AP or HUD to DA.</b>	<b>MALSR</b> 	<b>MISSED APPROACH:</b> Climb to 10000 on heading 263° and on FQF VORTAC R-306 to HYGEN INT/FQF 37.9 DME and hold.
--	------------------	--

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>128.75 273.55</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	--------------------------------------	---------------------------------	---------------------------	-------



ELEV <b>5434</b>	<b>D</b>	TDZE <b>5355</b>
------------------	----------	------------------

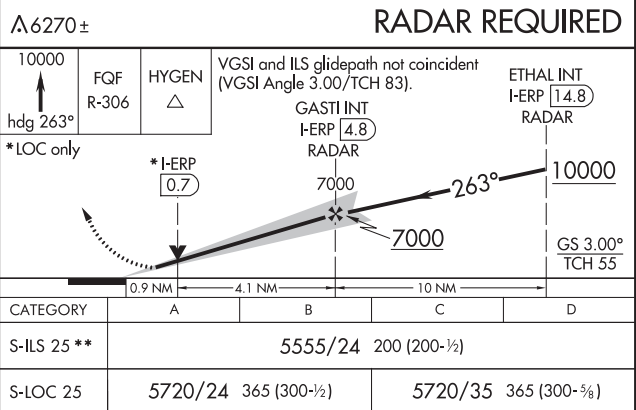


DENVER, COLORADO

Amdt 3A 11DEC14

39°52'N-104°40'W

## RADAR REQUIRED



# ILS or LOC RWY 25

DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020



ILS or LOC RWY 26  
DENVER INTL (DEN)

**MISSED APPROACH:** Climb to 5900 then climbing right turn to 9000 on heading 070° and on DVV VORTAC R-019 to CEDUK INT/DVV 25.5 DME and hold.

**RAIDAR REQUIRED**

**MSA DEN 25 NM**  
9200

**LOCALIZER 108.9**  
I-JOY 7.3  
Chan 26

**DENVER**  
117.9 DEN 7.3  
Chan 126

**FALCON**  
116.3 FGF 7.3  
Chan 110

**MILE HIGH**  
114.7 DVV 7.3  
Chan 94

**FEETS**  
I-JOY 3.7  
RADAR

**GRASP INT**  
I-JOY 7.3  
RADAR

**FUZZZ INT**  
(IF) I-JOY 14.2  
RADAR

**MISSED APCH FIX**  
CEDUK DVV 25.5  
Chan 94

**ALTERNATE MISSED APCH FIX**  
GILL 114.2  
Chan 89

**ELEV 5434** **TDZE 5309**  
263° 5.2 NM

**083°**  
**263°**

**0-100 NM**

CATEGORY	A	B	C	D
S-ILS 26	5509/18 200 (100-½)			
S-LOC 26	5820/24 511 (400-½)	5820/55 511 (400-1)		
FEETS FIX MINIMUMS				
S-LOC 26	5620/24 311 (200-½)	5620/26 311 (200-½)		

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO

AL-9077 (FAA)

17341

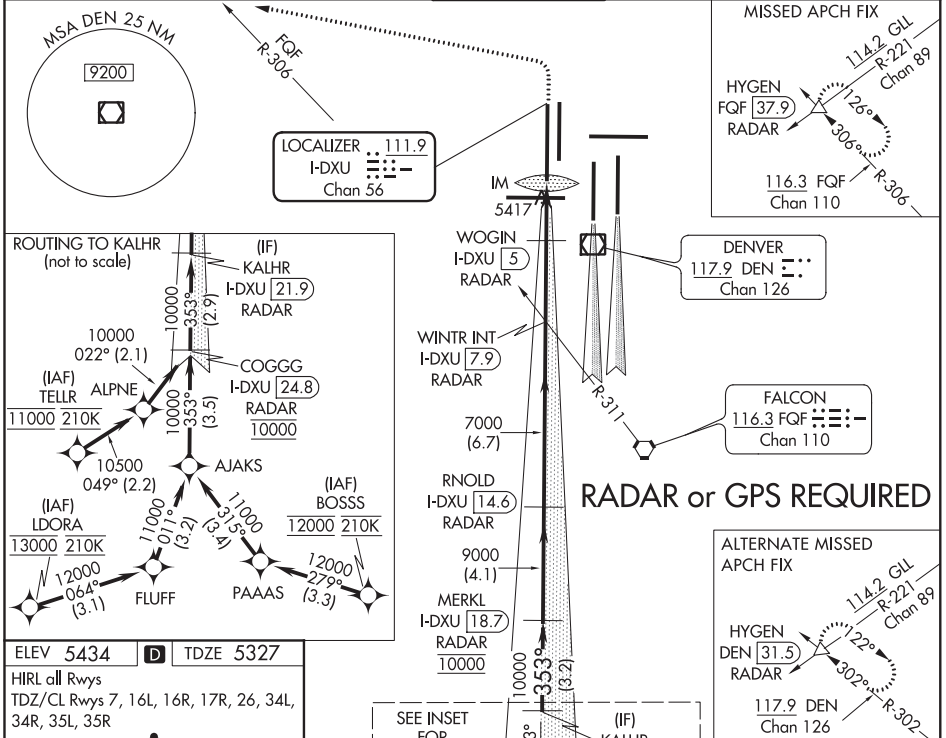
LOC/DME I-DXU <b>111.9</b> Chan <b>56</b>	APP CRS <b>353°</b>	Rwy Idg TDZE <b>5327</b> Apt Elev <b>5434</b>
---	------------------------	---

## ILS or LOC RWY 34L

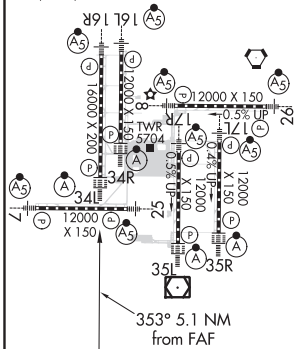
DENVER INTL (DEN)

<b>▼</b> RADAR or DME required. Simultaneous approach authorized with Rwy 35L/R. For inoperative ALSF, increase S-LOC Cats C/D visibility to RVR 5500.	<b>ALSF-2</b> 	<b>MISSED APPROACH:</b> Climb to 5800 then climbing left turn to 10000 on heading 270° and on FQF VORTAC R-306 to HYGEN/FQF 37.9 DME/RADAR and hold.
--	-------------------	--

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>135.3 351.95</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	---------------------------------	---------------------------	-------



ELEV <b>5434</b>	<b>D</b>	TDZE <b>5327</b>
HIRL all Rwy's		
TDZ/CL Rwy's 7, 16L, 16R, 17R, 26, 34L, 34R, 35L, 35R		



FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

DENVER, COLORADO

Amdt 2B 11DEC14

39°52'N-104°40'W

DENVER INTL (DEN)

## ILS or LOC RWY 34L

SW-1, 30 JAN 2020 to 26 MAR 2020



ILS or LOC RWY 34R  
DENVER INTL (DEN)

**MISSED APPROACH:** Climb to 5800 then climbing left turn to 10000 on heading 270° and on FQF VORTAC R-306 to HYGEN/FQF 37.9 DME/RADAR and hold.

<p>VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 63).</p>		<p>5800 10000</p> <p>↑ hdg 270°</p>	
<p>BFREE I-OUF 24.6 RADAR 10000</p>	<p>BOOBU I-OUF 22 RADAR</p>	<p>BENGL I-OUF 18.7 RADAR</p>	<p>BOENG I-OUF 14 RADAR</p>
		<p>*LOC only</p>	
<p>10000 353° 10000 10000 9000</p>		<p>CORDE I-OUF 7.1 RADAR</p>	
<p>GS 3.00° TCH 59</p>		<p>CADKO I-OUF 4.2 RADAR</p>	
<p>2.6 NM 3.2 NM 4.7 NM 6.9 NM 2.9 NM 1.2 NM 0.8 0.1</p>		<p>7000 7000</p>	
<p>IM</p>		<p>I-OUF 2.2</p>	
<p>7000 *6060</p>		<p>I-OUF* 3</p>	
CATEGORY	A	B	C
S-ILS 34R	5554/18 200 (200-½)		
S-LOC 34R	5700/24 346 (300-½)	5700/30 346 (300-½)	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







ILS or LOC RWY 35R  
DENVER INTL (DEN)

ILS or LOC RWY 35R

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO

AL-9077 (FAA)

17341

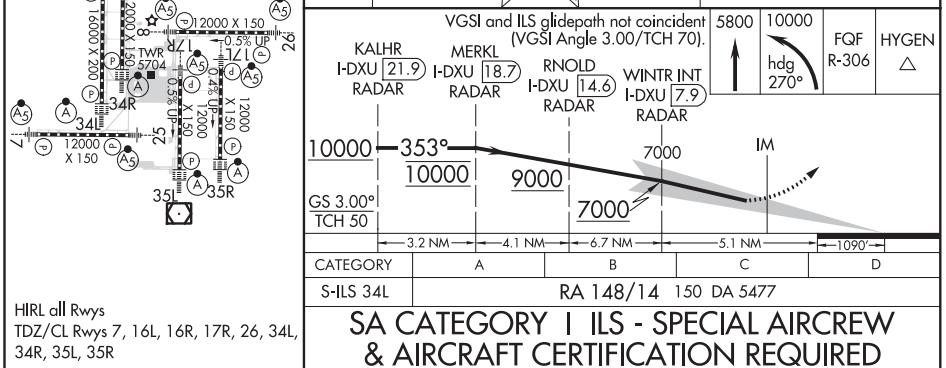
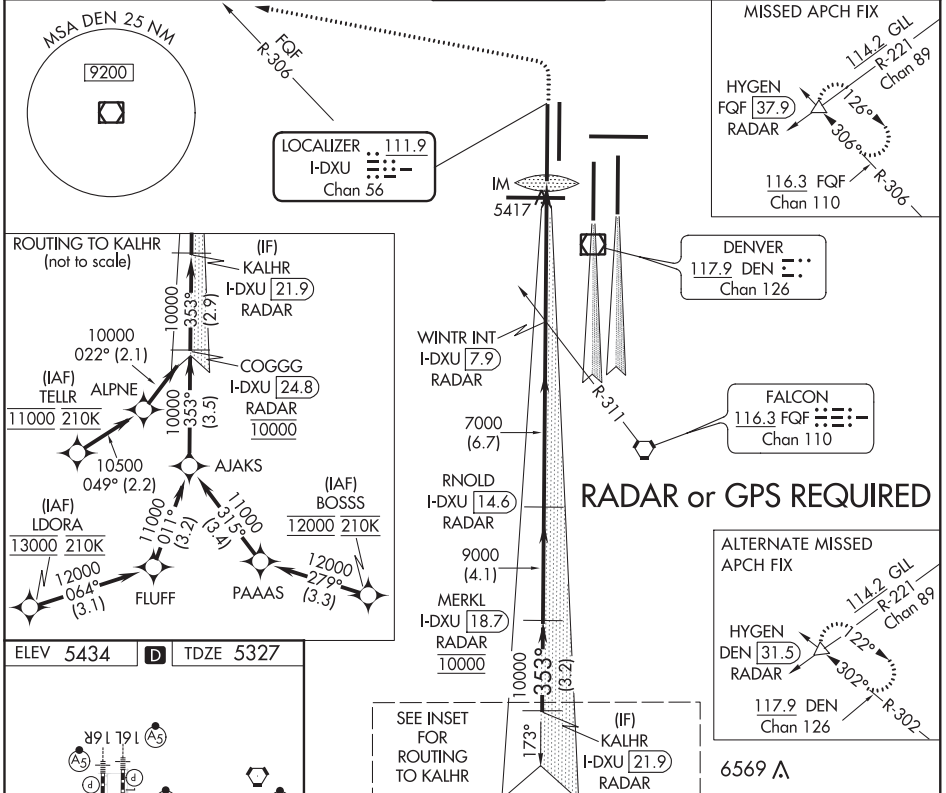
LOC/DME I-DXU <b>111.9</b> Chan <b>56</b>	APP CRS <b>353°</b>	Rwy Idg TDZE <b>5327</b> Apt Elev <b>5434</b>
---	------------------------	---

# ILS RWY 34L (SA CAT I)

## DENVER INTL (DEN)

<b>▼</b> RADAR or DME required. Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH. Simultaneous approach authorized with Rwy 35L/R.	ALSF-2 	MISSED APPROACH: Climb to 5800 then climbing left turn to 10000 on heading 270° and on FGF VORTAC R-306 to HYGEN/FQG 37.9 DME/RADAR and hold.
---	------------	---

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>135.3 351.95</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	---------------------------------	---------------------------	-------



DENVER, COLORADO

Amdt 2B 11DEC14

39°52'N-104°40'W

DENVER INTL (DEN)

ILS RWY 34L (SA CAT I)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

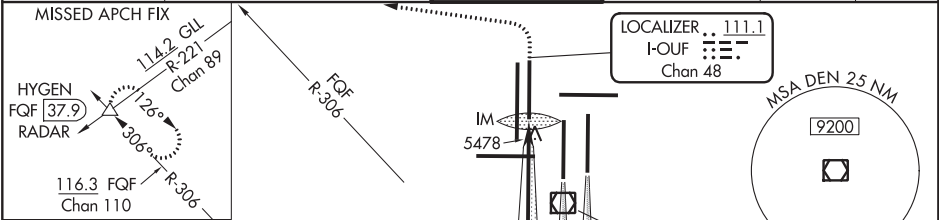


LOC/DME I-OUF <b>111.1</b> Chan <b>48</b>	APP CRS <b>353°</b>	Rwy Idg <b>12000</b> TDZE <b>5354</b> Apt Elev <b>5434</b>
---	------------------------	--

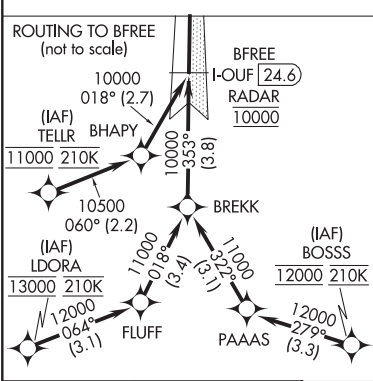
ILS RWY 34R (SA CAT I)  
DENVER INTL (DEN)

Requires specific OPSPEC, MSPEC or LOA approval and use of HUD to DH. Simultaneous approach authorized with Rwy 35L/R.	ALSIF-2 	MISSED APPROACH: Climb to 5800 then climbing left turn to 10000 on heading 270° and on FQF VORTAC R-306 to HYGEN/FQF 37.9 DME/RADAR and hold.
--	-------------	---

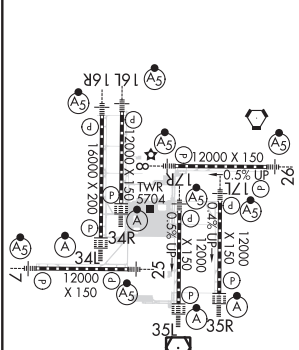
D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>135.3 351.95</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	---------------------------------	---------------------------	-------



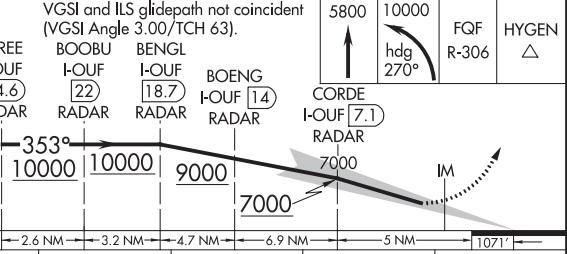
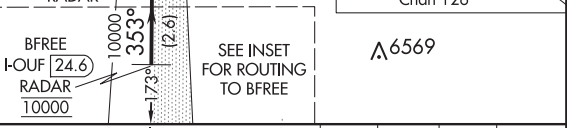
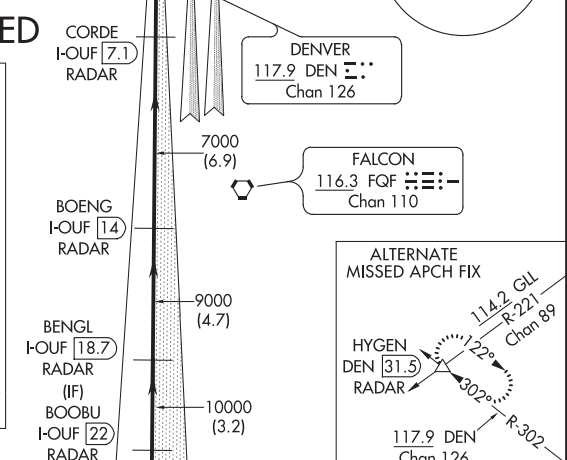
RADAR or GPS REQUIRED



ELEV 5434	D	TDZE 5354
-----------	---	-----------



HIRL all Rwy  
TDZ/CL Rwy 7, 16L, 16R, 17R, 26, 34L,  
34R, 35L, 35R



CATEGORY	A	B	C	D
S-ILS 34R	RA 175/14 150 DA 5504			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO

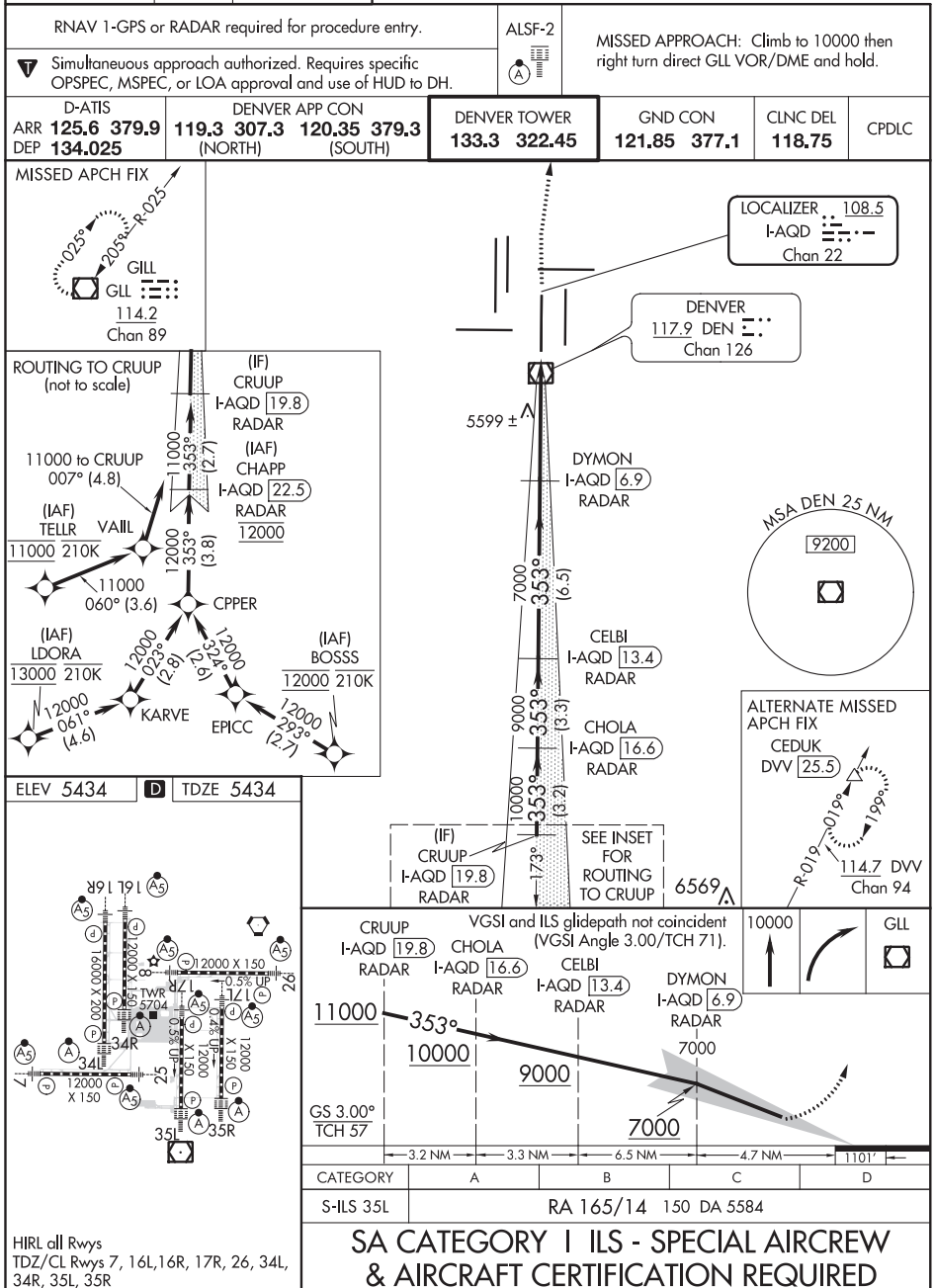
AL-9077 (FAA)

18200

LOC/DME I-AQD <b>108.5</b> Chan <b>22</b>	APP CRS <b>353°</b>	Rwy Idg <b>12000</b> TDZE <b>5434</b> Apt Elev <b>5434</b>
---	------------------------	--

# ILS RWY 35L (SA CAT I)

## DENVER INTL (DEN)



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

DENVER, COLORADO

Amdt 5B 19JUL18

39°52'N-104°40'W

DENVER INTL (DEN)

ILS RWY 35L (SA CAT I)

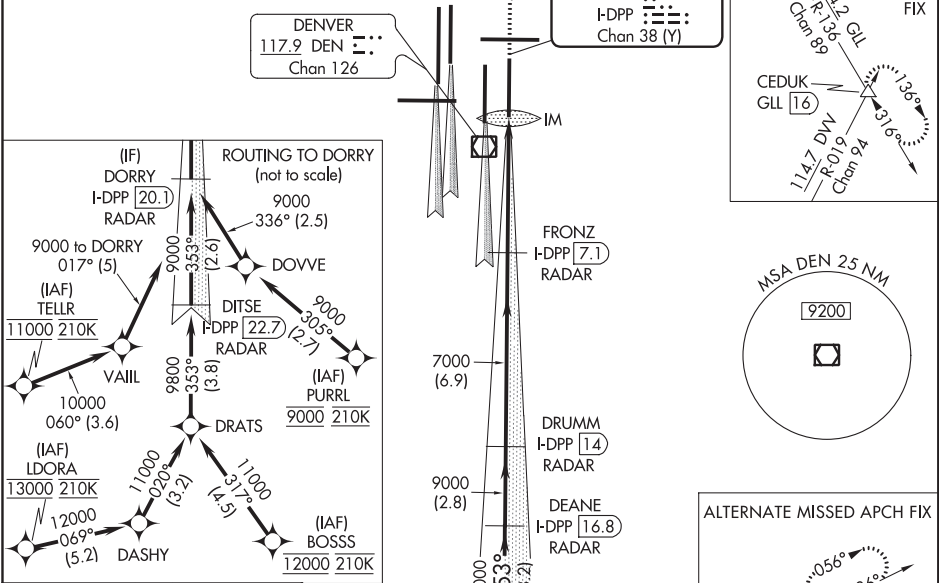


LOC/DME I-DPP <b>110.15</b> Chan <b>38</b> (Y)	APP CRS <b>353°</b>	Rwy Idg <b>12000</b> TDZE <b>5370</b> Apt Elev <b>5434</b>
--	------------------------	--

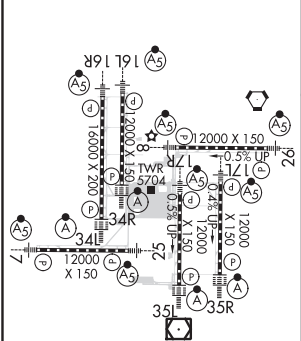
ILS RWY 35R (SA CAT I)  
DENVER INTL (DEN)

Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH. Simultaneous approach authorized with Rwy 34L, Rwy 34R, and Rwy 35L.		ALSIF-2 	MISSED APPROACH: Climb to 5800 then climbing right turn to 10000 on heading 048° and on GLL VORTAC R-136 to CEDUK/GLL 16 DME and hold.		
D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>132.35 239.275</b>	GND CON <b>121.85 377.1</b>	CLNC DEL <b>118.75</b>	CPDLC

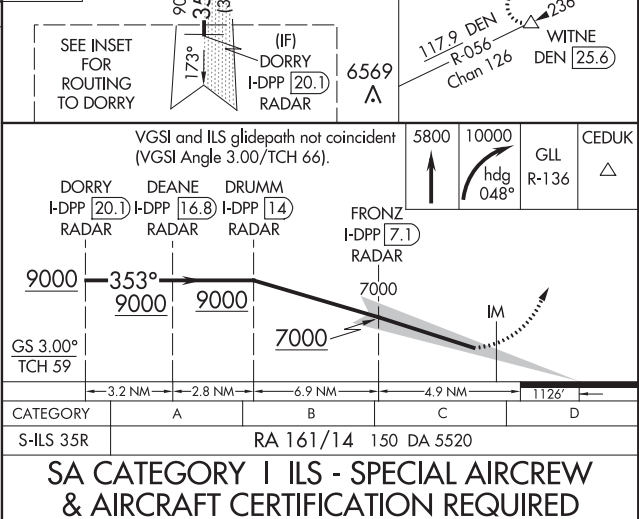
RADAR or GPS REQUIRED



ELEV <b>5434</b>	<b>D</b>	TDZE <b>5370</b>
------------------	----------	------------------



HIRL all Rwy  
TDZ/CL Rwy 7, 16L, 16R, 17R, 26, 34L,  
34R, 35L, 35R





DENVER INTL (DEN)  
|| S RWY 34 | (CAT II & III)

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC/DME I-OUF <b>111.1</b> Chan <b>48</b>	APP CRS <b>353°</b>	Rwy Idg TDZE Apt Elev	<b>12000</b> <b>5354</b> <b>5434</b>
---	------------------------	-----------------------------	--

# ILS RWY 34R (CAT II & III)

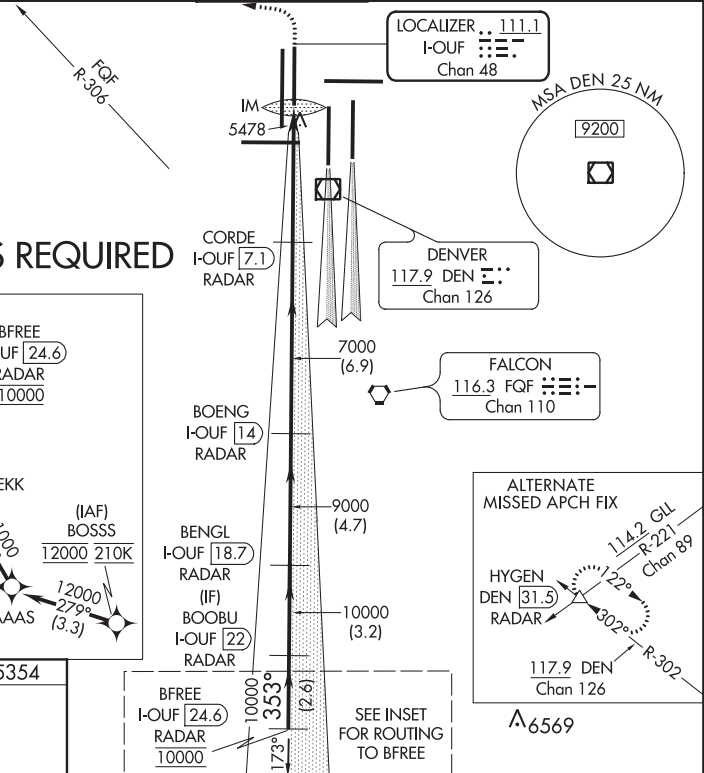
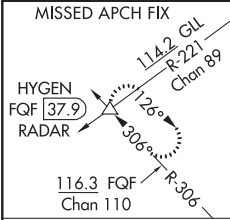
DENVER INTL (DEN)

Simultaneous approach authorized with Rwy 35L/R.  
CAT II: RVR 1000 authorized with specific OPSEC, MSPEC or LOA approval and use of autoland or HUD to touchdown.

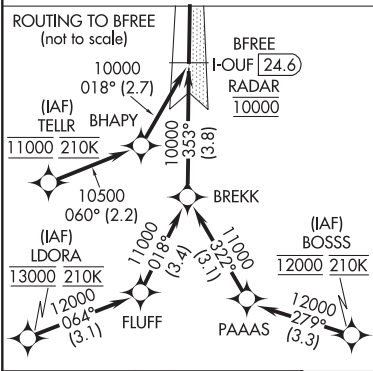


MISSED APPROACH: Climb to 5800 then climbing left turn to 10000 on heading 270° and on FQF VORTAC R-306 to HYGEN/FQF 37.9 DME/RADAR and hold.

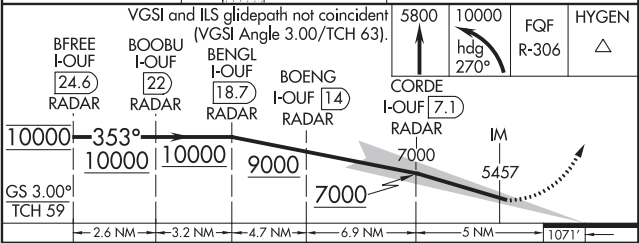
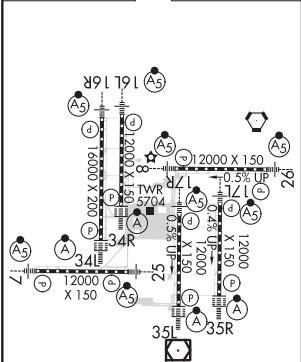
D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>135.3 351.95</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	---------------------------------	---------------------------	-------



## RADAR or GPS REQUIRED



ELEV 5434	D	TDZE 5354
-----------	---	-----------



CATEGORY	A	B	C	D
S-ILS 34R	CAT II RA 155/12 100 DA 5454			
S-ILS 34R	CAT IIIa RVR 07			
S-ILS 34R	CAT IIIb RVR 03			
S-ILS 34R	CAT IIIc NA			

## CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO

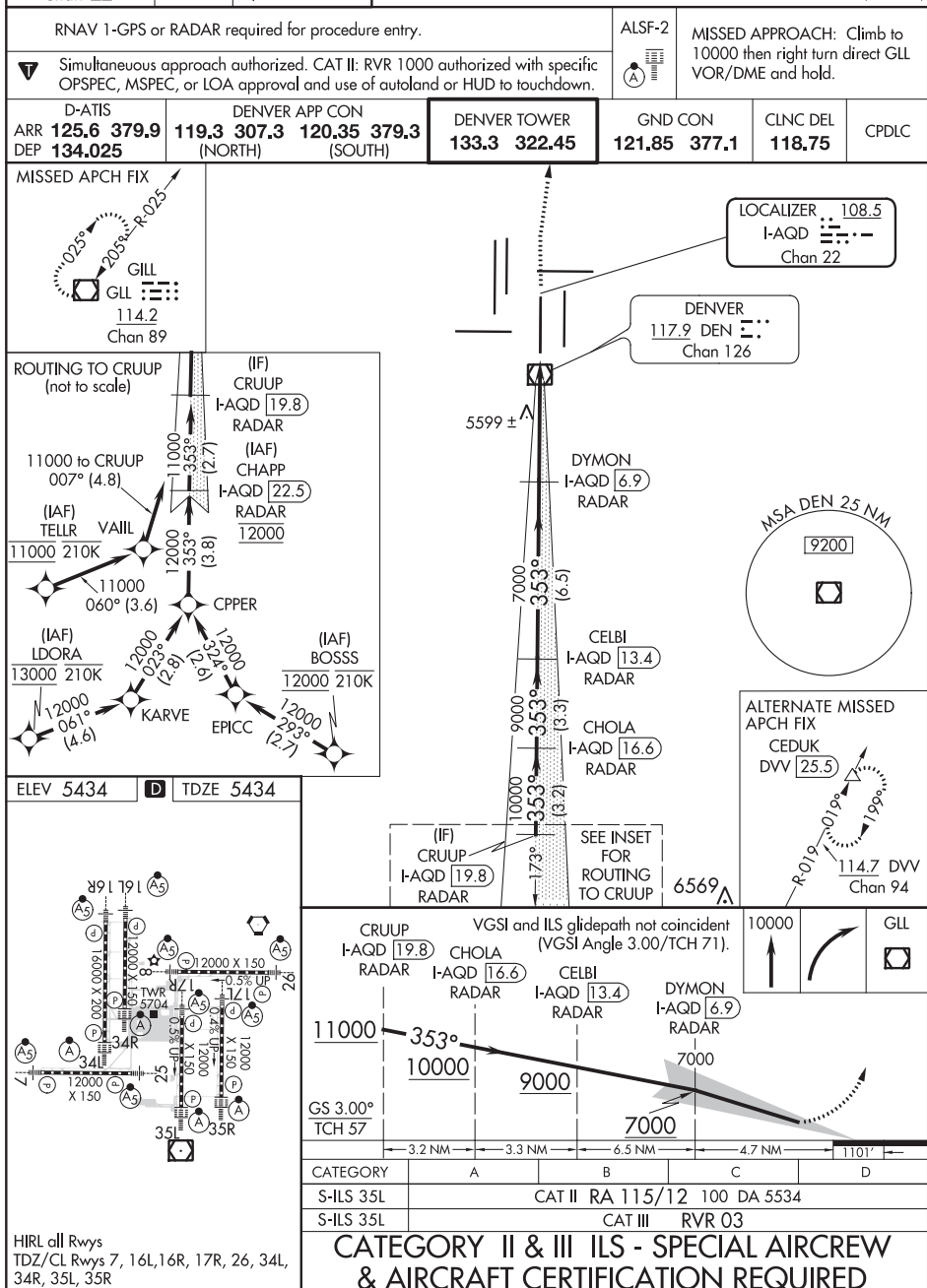
AL-9077 (FAA)

18200

LOC/DME I-AQD <b>108.5</b> Chan <b>22</b>	APP CRS <b>353°</b>	Rwy Idg TDZE Apt Elev	<b>12000</b> <b>5434</b> <b>5434</b>
---	------------------------	-----------------------------	--

# ILS RWY 35L (CAT II & III)

DENVER INTL (DEN)



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

DENVER, COLORADO

Amdt 5B 19JUL18

39°52'N-104°40'W

DENVER INTL (DEN)

# ILS RWY 35L (CAT II & III)



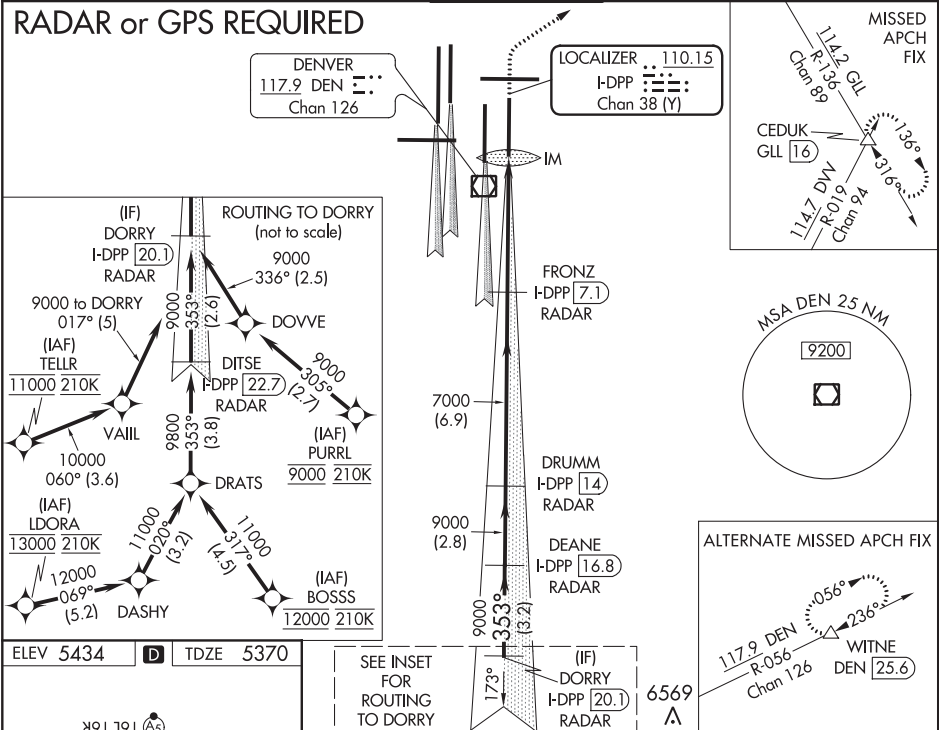
LOC/DME I-DPP <b>110.15</b> Chan <b>38(Y)</b>	APP CRS <b>353°</b>	Rwy Idg <b>12000</b> TDZE <b>5370</b> Apt Elev <b>5434</b>
---	------------------------	--

ILS RWY 35R (CAT II & III)  
DENVER INTL (DEN)

<b>Simultaneous approach authorized with Rwy 34L, Rwy 34R, and Rwy 35L. CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.</b>	ALSF-2 	MISSED APPROACH: Climb to 5800 then climbing right turn to 10000 on heading 048° and on GLL VORTAC R-136 to CEDUK/GLL 16 DME and hold.
---	------------	--

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>132.35 239.275</b>	GND CON <b>121.85 377.1</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	---------------------------------------	--------------------------------	---------------------------	-------

RADAR or GPS REQUIRED



--

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO


AL-9077 (FAA)

17341

APP CRS <b>082°</b>	Rwy Idg <b>12000</b> TDZE <b>5352</b> Apt Elev <b>5434</b>
------------------------	--

# RNAV (RNP) Z RWY 7

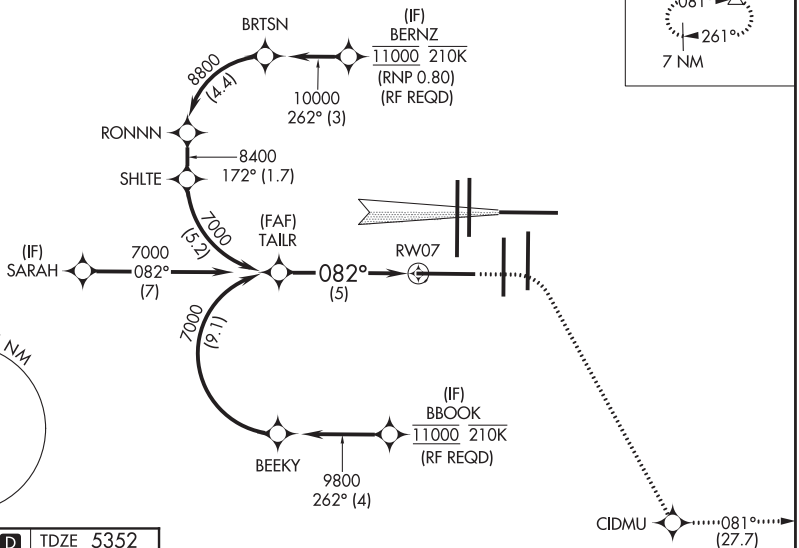
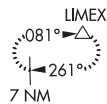
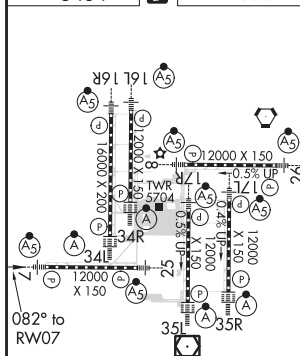
DENVER INTL (DEN)

<p>GPS required. For inoperative MALSR, increase RNP 0.10 all Cats visibility to RVR 4500 and RNP 0.30 all Cats visibility to RVR 5000. Simultaneous approach authorized with Rwy 8, except for arrivals at BBOOK and BERNZ. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 46°C (116°F).</p>	<p>MALSR</p> 	<p>MISSED APPROACH: Climb to 5900 then climbing right turn to 10000 direct CIDMU and on track 081° to LIMEX and hold.</p>
--	--	---

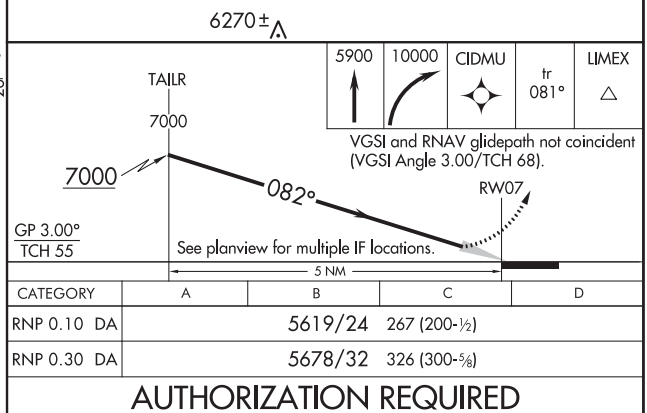
D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>128.75 273.55</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	--------------------------------------	---------------------------------	---------------------------	-------

## RADAR REQUIRED

MISSED APCH FIX

ELEV 5434 **D** TDZE 5352

HIRL all Rwys  
TDZ/CL Rws 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R



DENVER, COLORADO

Orig-A 11DEC14

39°52'N-104°40'W

DENVER INTL (DEN)

RNAV (RNP) Z RWY 7

SW-1, 30 JAN 2020 to 26 MAR 2020



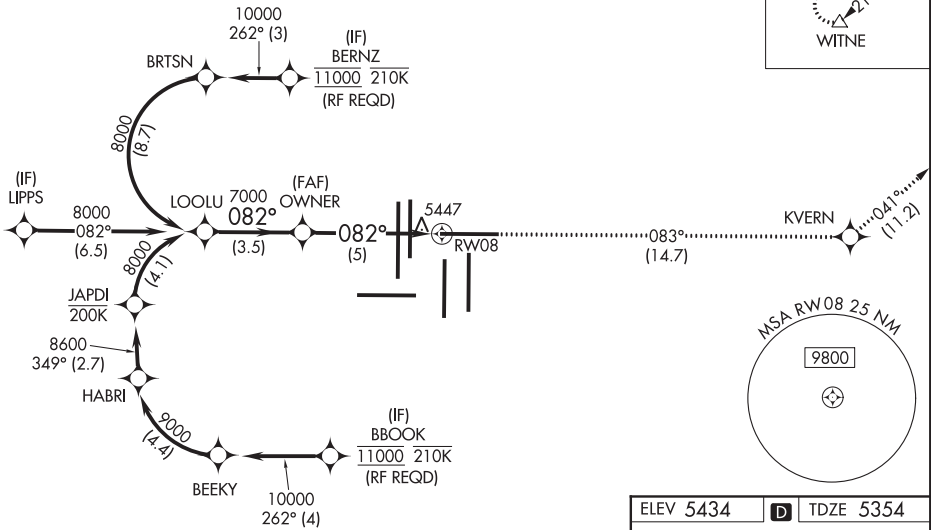
APP CRS	Rwy Idg	12000
082°	TDZE	5354
	Apt Elev	5434

RNAV (RNP) Z RWY 8

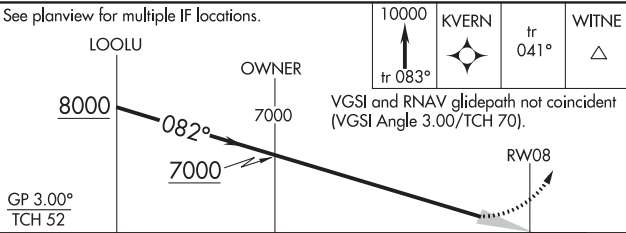
DENVER INTL (DEN)

GPS required. For inoperative MALSR, increase RNP 0.10 all Cats visibility to RVR 6000 and RNP 0.30 all Cats visibility to 1 $\frac{3}{8}$ mile. Simultaneous approach authorized with Rwy 7, except for arrivals at BERNZ and BBOOK. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 47°C (117°F).				MALSR 	MISSED APPROACH: Climb to 10000 on track 083° to KVERN and on track 041° to WITNE and hold.
D-ATIS ARR 125.6 379.9 DEP 134.025	DENVER APP CON 119.3 307.3 (NORTH) 120.35 379.3 (SOUTH)	DENVER TOWER 132.35 239.275	GND CON 121.85 377.1	CLNC DEL 118.75	CPDLC

RADAR REQUIRED

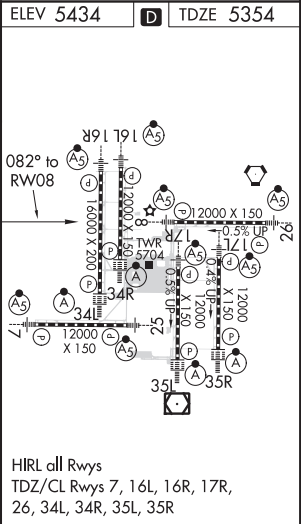


See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.10 DA	5727/40 373 (300-3/4)			
RNP 0.30 DA	5777/50 423 (400-1)			

AUTHORIZATION REQUIRED



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





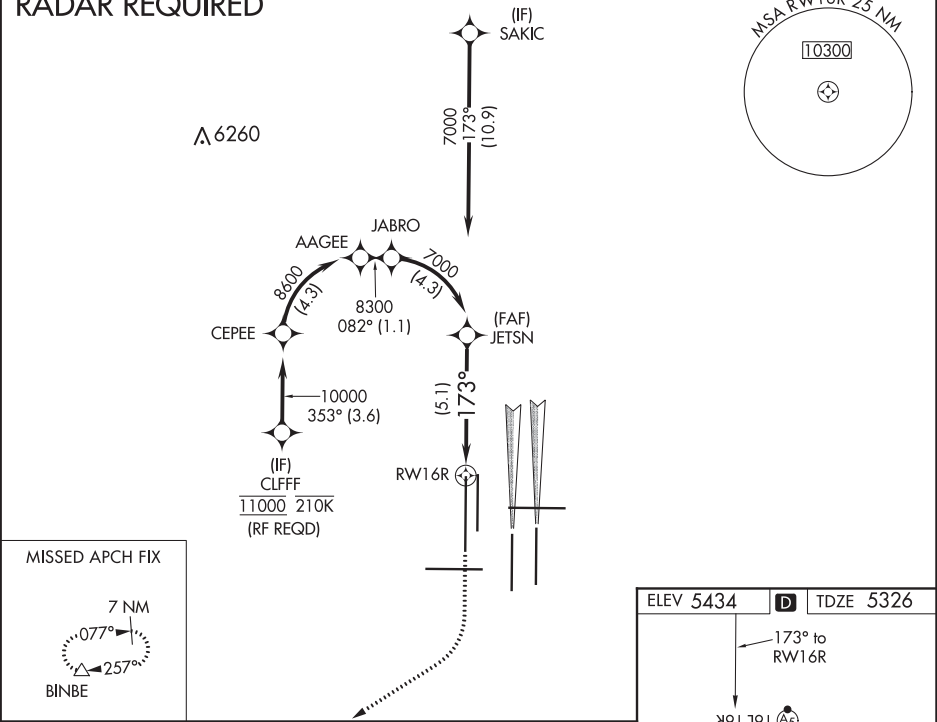


APP CRS	Rwy Idg	16000
173°	TDZE	5326
	Apt Elev	5434

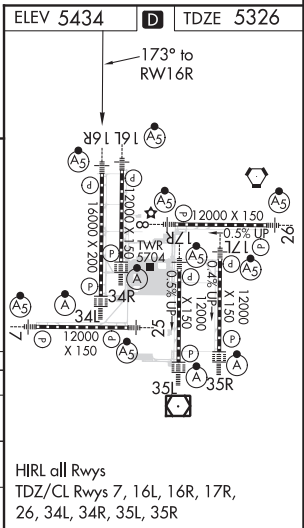
RNAV (RNP) Z RWY 16R  
DENVER INTL (DEN)

GPS required. Simultaneous approach authorized. For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 46°C (116°F). Use of FD or AP providing RNAV track guidance required during simultaneous operations.		MALSR 	MISSED APPROACH: Climb to 5900 then climbing right turn to 10000 direct BINBE and hold, continue climb-in-hold to 10000.		
D-ATIS ARR 125.6 379.9 DEP 134.025	DENVER APP CON 119.3 307.3 120.35 379.3 (NORTH) (SOUTH)	DENVER TOWER 135.3 351.95	GND CON 127.5 379.175	CLNC DEL 118.75	CPDLC

RADAR REQUIRED



5900	10000	BINBE	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).		JETSN
↑	↗	△			7000
RWY 16R		173°		7000	
		See planview for multiple IF locations.		GP 3.00° TCH 55	
		5.1 NM			
CATEGORY	A	B	C	D	
RNP 0.10 DA	5586/50 260 (200-1)				
RNP 0.30 DA	5651/50 325 (300-1)				
AUTHORIZATION REQUIRED					





DENVER, COLORADO

AL-9077 (FAA)

18032

APP CRS <b>173°</b>	Rwy Idg <b>12000</b> TDZE <b>5339</b> Apt Elev <b>5434</b>
------------------------	--

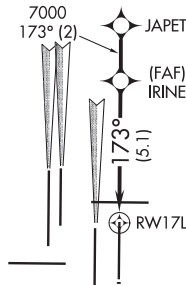
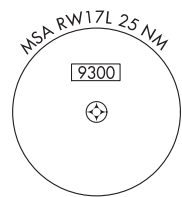
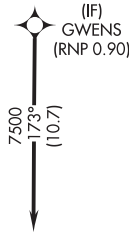
# RNAV (RNP) Z RWY 17L

DENVER INTL (DEN)

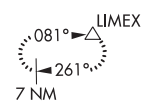
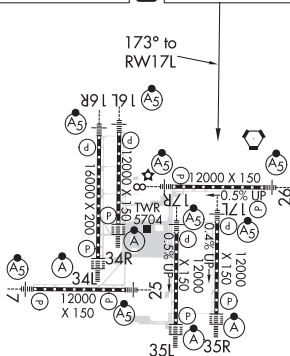
<b>GPS required.</b> For inoperative MALS, increase RNP 0.10 all Cats visibility to RVR 4500 and RNP 0.30 all Cats visibility to RVR 6000. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 48°C (118°F).				MALS 	MISSED APPROACH: Climb to 5900 then climbing left turn to 10000 direct LIMEX and hold.
D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>132.35 239.275</b>	GND CON <b>121.85 377.1</b>	CLNC DEL <b>118.75</b>	CPDLC

## RADAR REQUIRED

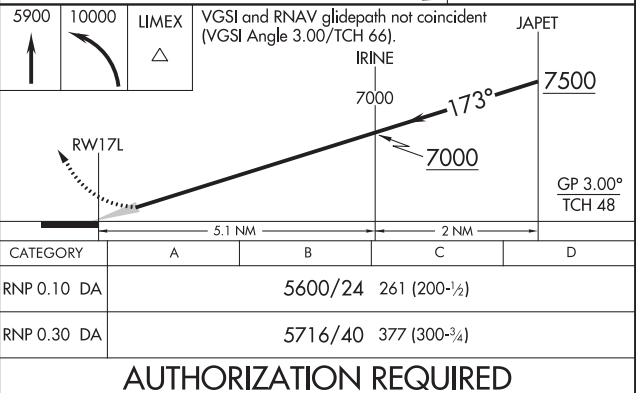
Λ 6260



MISSED APCH FIX

ELEV 5434 **D** TDZE 5339

HIRL all Rwys  
 TDZ/CL Rwys 7, 16L, 16R, 17R,  
 26, 34L, 34R, 35L, 35R



## AUTHORIZATION REQUIRED

DENVER, COLORADO

Orig-C 01FEB18

39°52'N-104°40'W

DENVER INTL (DEN)


RNAV (RNP) Z RWY 17L

SW-1, 30 JAN 2020 to 26 MAR 2020

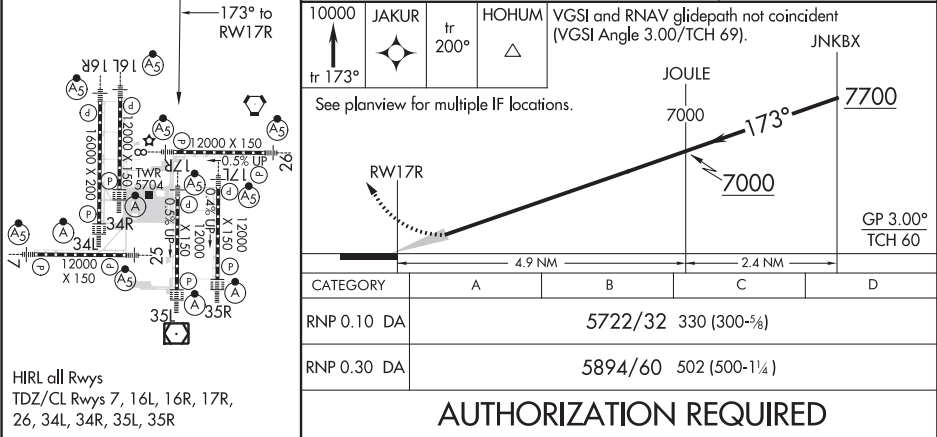
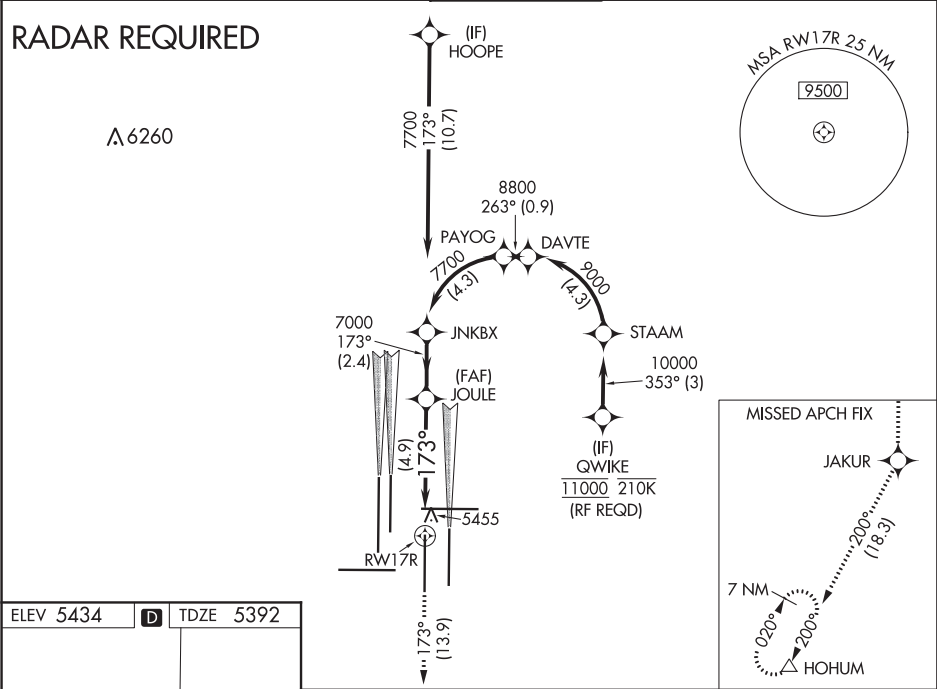
SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS <b>173°</b>	Rwy Idg	<b>12000</b>
	TDZE	<b>5392</b>
	Apt Elev	<b>5434</b>
RNAV (RNP) Z RWY 17R		
DENVER INTL (DEN)		

<b>▽</b> GPS required. For inoperative MALS, increase RNP 0.10 all Cats visibility to RVR 5000 and RNP 0.30 all Cats visibility to 1½ mile. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 45°C (114°F).	MALS 	MISSED APPROACH: Climb to 10000 on track 173° to JAKUR and on track 200° to HOHUM and hold.
---	---	---

D-ATIS	DENVER APP CON		DENVER TOWER	GND CON	CLNC DEL	CPDLC
ARR <b>125.6 379.9</b>	119.3 307.3		120.35 379.3	133.3 322.45	121.85 377.1	118.75
DEP <b>134.025</b>	(NORTH)		(SOUTH)			





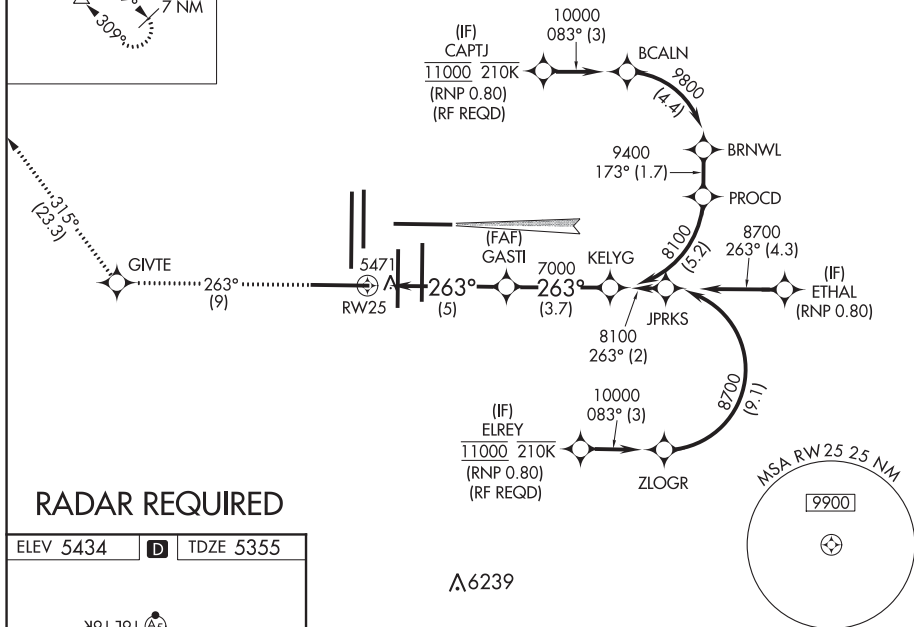
RNAV (RNP) Z RWY 25  
DENVER INTL (DEN)

MALSR

**MISSED APPROACH:** Climb to 10000 on track 263° to GIVTE and on track 315° to HYGEN and hold.

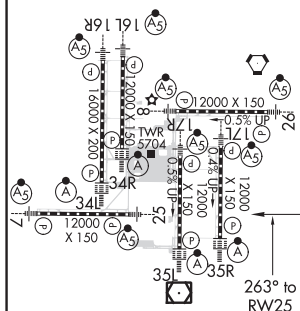
D-ATIS		DENVER APP CON		DENVER TOWER		GND CON		CLNC DEL		CPDLC	
ARR	125.6 379.9	119.3	307.3	120.35	379.3	128.75	273.55	127.5	379.175		118.75
DEP	134.025	(NORTH)		(SOUTH)							

Diagram illustrating a hydrogen bond (HYGEN) between two water molecules. The bond is represented by a dashed line, with an angle of  $129^\circ$  and a length of  $7 \text{ nm}$  indicated.



## RADAR REQUIRED

ELEV 5434	<b>D</b>	TDZE 5355
-----------	----------	-----------



HIRL all Rwys  
TDZ/CL Rwys 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R

10000  
↑  
tr 263°

GIVTE ✦	tr 315°	HYGEN △
------------	---------	------------

VGSI and RNAV glidepath not coincident  
(VGSI Angle 3.00/TCH 83).

KELYG

8100

7000

263°

7000

RW25

GP 3.00°  
TCH 55

5 NM

3.7 NM

See planview for multiple IF locations.

CATEGORY	A	B	C	D
RNP 0.10 DA		5743/40	388 (400-¾)	
RNP 0.30 DA		5783/50	428 (400-1)	

## AUTHORIZATION REQUIRED

DENVER INTL (DEN)  
RNAV (RNP) Z RWY 25



APP CRS	Rwy Idg	12000
263°	TDZE	5309
	Apt Elev	5434

RNAV (RNP) Z RWY 26

DENVER INTL (DEN)

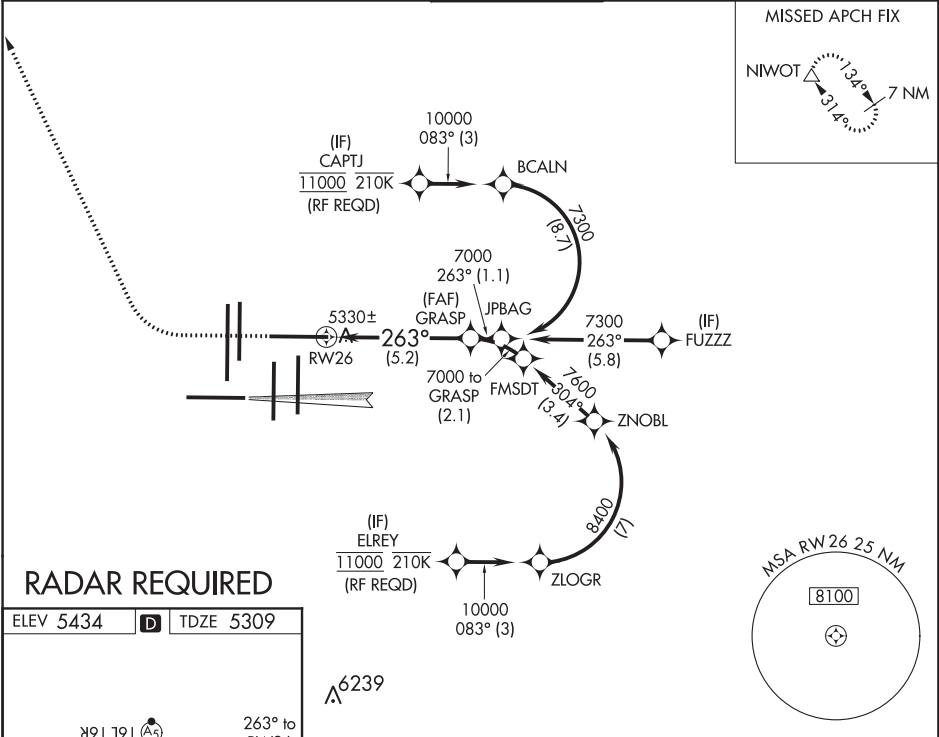
For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 46°C (116°F). For inoperative MALSR, increase RNP 0.10 all Cats visibility to RVR 4500 and RNP 0.30 all Cats visibility to RVR 6000. Simultaneous approach authorized with Rwy 25, except for arrivals at CAPTJ and ELREY. Use of FD or AP providing RNAV track guidance required during simultaneous operations. GPS required.

MALSR

MISSED APPROACH:

Climb to 6000 then climbing right turn to 10000 direct NIWOT and hold.

D-ATIS	DENVER APP CON		DENVER TOWER		GND CON		CLNC DEL	CPDLC	
ARR 125.6 379.9	119.3	307.3	120.35	379.3	132.35	239.275	121.85 377.1		118.75
DEP 134.025	(NORTH)		(SOUTH)						



HIRL all Rwys  
TDZ/CL Rwys 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R

VGSI and RNAV glidepath not coincident  
(VGSI Angle 3.00°/TCH 70).

See planview for multiple IF locations.

CATEGORY	A	B	C	D
RNP 0.10 DA	5570/24	261 (200-½)		
RNP 0.30 DA	5668/40	359 (300-¾)		

**AUTHORIZATION REQUIRED**



DENVER, COLORADO

AL-9077 (FAA)

18032

# RNAV (RNP) Z RWY 34L

## DENVER INTL (DEN)

**▼** For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 48°C (118°F). GPS required. For inoperative ALSF, increase RNP 0.10 all Cats visibility to RVR 4500 and RNP 0.20 all Cats visibility to RVR 6000 and RNP 0.30 all Cats visibility to 1½ mile. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

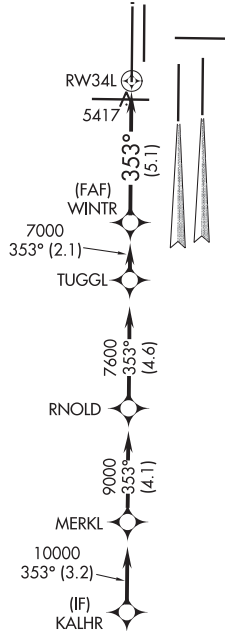
ALSF-2



**MISSED APPROACH:** Climb to 5900 then climbing left turn to 10000 direct HYGEM and hold.

D-ATIS	DENVER APP CON	DENVER TOWER	GND CON	CLNC DEL	CPDLC
ARR <b>125.6 379.9</b> DEP <b>134.025</b>	<b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	<b>135.3 351.95</b>	<b>127.5 379.175</b>	<b>118.75</b>	

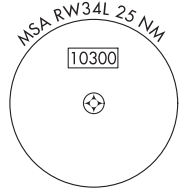
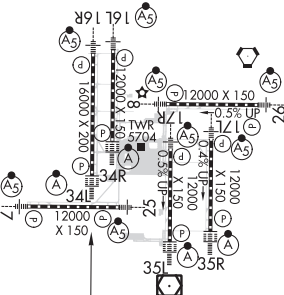
MISSED APCH FIX



## RADAR REQUIRED

ELEV 5434 **D** TDZE 5327

HIRL all Rwy's  
TDZ/CL Rwy's 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R



WINTR VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 70).		5900	10000	HYGEM
7000		353°		
GP 3.00° TCH 50				
5.1 NM				
CATEGORY	A	B	C	D
RNP 0.10 DA		5587/24	260 (200-½)	
RNP 0.20 DA		5720/45	393 (300-¾)	
RNP 0.30 DA		5782/60	455 (400-1¼)	
AUTHORIZATION REQUIRED				

DENVER, COLORADO

Orig-C 01FEB18

39°52'N-104°40'W

DENVER INTL (DEN)

# RNAV (RNP) Z RWY 34L

SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS  
353°

Rwy Idg  
12000

TDZE  
5354

Apt Elev  
5434

RNAV (RNP) Z RWY 34R

DENVER INTL (DEN)

⚠

For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 46°C (114°F). GPS required. For inoperative ALSF, increase RNP 0.10 all Cats visibility to RVR 6000 and RNP 0.20 all Cats visibility to 1½ mile and RNP 0.30 all Cats visibility to 2¼ mile. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

ALSF-2

MISSED APPROACH:

Climb to 6000 then climbing left turn to 10000 direct HYGEN and hold.

D-ATIS	DENVER APP CON			DENVER TOWER	GND CON	CLNC DEL	CPDLC
ARR 125.6 379.9	119.3 307.3	120.35 379.3	(NORTH) (SOUTH)				
DEP 134.025				135.3 351.95	127.5 379.175	118.75	

MISSED APCH FIX

RADAR REQUIRED

ELEV 5434

D

TDZE 5354

HIRL all Rwys

TDZ/CL Rwys 7, 16L, 16R, 17R, 26, 34L, 34R, 35L, 35R

MSA RW34R 25 NM

6529

BSAYN

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 63).

CORDE

7700

353°

7000

GP 3.00° TCH 59

2.5 NM

5 NM

RW34R

See planview for multiple IF locations.

6000

10000

HYGEN

CATEGORY	A	B	C	D
RNP 0.10 DA	5739/40	385 (400-¾)		
RNP 0.20 DA	5849/60	495 (500-1¼)		
RNP 0.30 DA	5980-1 ½	626 (600-1½)		

AUTHORIZATION REQUIRED

DENVER, COLORADO

Denver Intl (DEN)

Orig-C 01FEB18

39°52'N-104°40'W

233

RNAV (RNP) Z RWY 34R



DENVER, COLORADO

AL-9077 (FAA)

18032

APP CRS <b>353°</b>	Rwy Idg <b>12000</b>
TDZE <b>5434</b>	
Apt Elev <b>5434</b>	

# RNAV (RNP) Z RWY 35L

DENVER INTL (DEN)



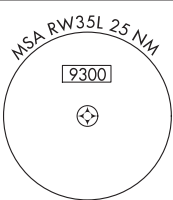
For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 46°C (115°F). GPS required. For inoperative ALSF, increase RNP 0.10 all Cnts visibility to RVR 4500 and RNP 0.30 all Cnts visibility to RVR 5000. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

ALSF-2

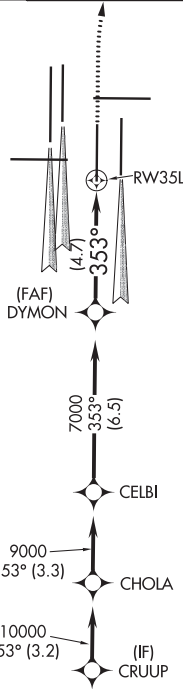


MISSED APPROACH: Climb to 10000, then right turn direct GLL VOR/DME and hold.

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>133.3 322.45</b>	GND CON <b>121.85 377.1</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	--------------------------------	---------------------------	-------



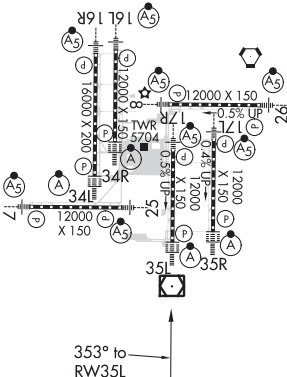
MISSED APCH FIX



## RADAR REQUIRED

ELEV 5434 **D** TDZE 5434

HIRL all Rwy's  
TDZ/CL Rwy's 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R



DYMON	7000	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).	10000	GLL
7000	353°	GP 3.00° TCH 57	4.7 NM	RW35L
CATEGORY	A	B	C	D
RNP 0.10 DA	5695/24	261 (300-½)		
RNP 0.30 DA	5760/32	326 (400-⅝)		
AUTHORIZATION REQUIRED				

DENVER, COLORADO

Orig-C 01FEB18

DENVER INTL (DEN)

39°52'N-104°40'W

RNAV (RNP) Z RWY 35L

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS	Rwy Idg	12000
353°	TDZE	5370
	Apt Elev	5434

# RNAV (RNP) Z RWY 35R

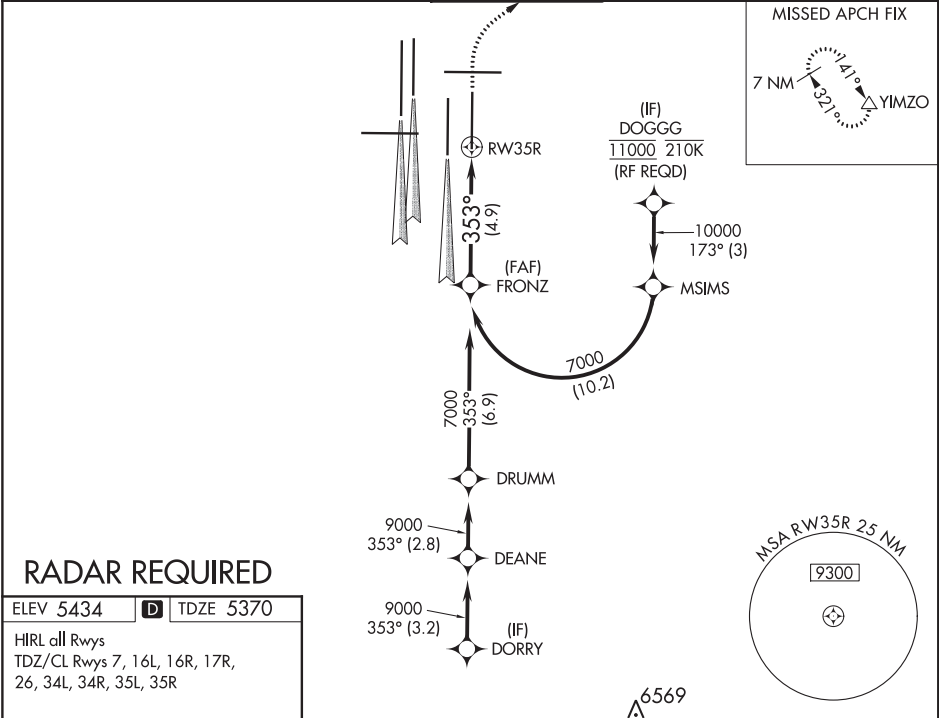
DENVER INTL (DEN)

**⚠** For uncompensated Baro-VNAV systems, procedure NA below -25°C (-13°F) or above 45°C (114°F). GPS required. For inoperative ALSF, increase RNP 0.10 all Cats visibility to RVR 4500 and RNP 0.30 all Cats visibility to RVR 5000. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

ALSF-2

MISSED APPROACH: Climb to 5900, then climbing right turn to 8000 direct YIMZO and hold.

D-ATIS	DENVER APP CON	DENVER TOWER	GND CON	CLNC DEL	CPDLC
ARR 125.6 379.9	119.3 307.3 120.35 379.3	132.35 239.275	121.85 377.1	118.75	
DEP 134.025	(NORTH) (SOUTH)				



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 66).

7000

GP 3.00° TCH 59

See planview for multiple IF locations.

4.9 NM

RW35R

5900 8000 YIMZO

CATEGORY	A	B	C	D
RNP 0.10 DA	5631/24 261 (200-1/2)			
RNP 0.30 DA	5702/32 332 (300-5/8)			

**AUTHORIZATION REQUIRED**



DENVER, COLORADO


AL-9077 (FAA)

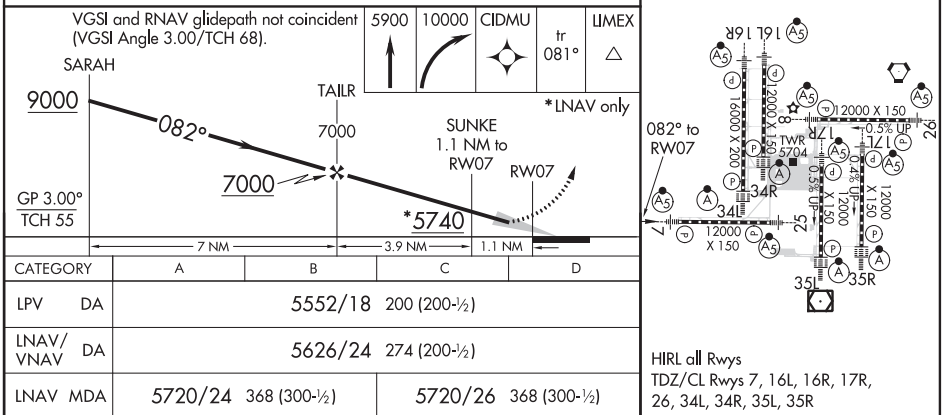
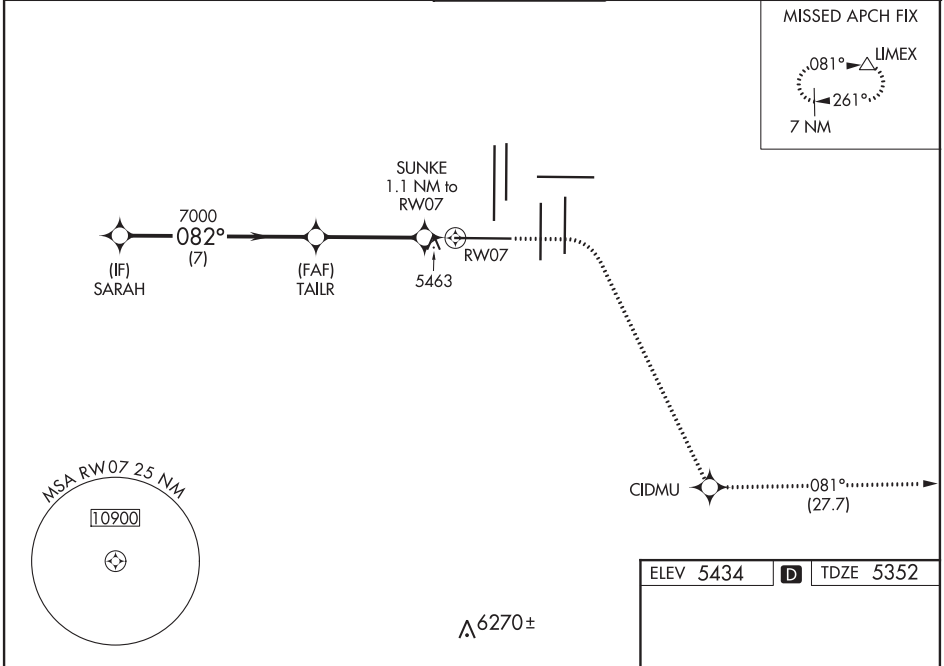
19003

WAAS CH <b>87128</b> <b>W07A</b>	APP CRS <b>082°</b>	Rwy Idg <b>12000</b> TDZE <b>5352</b> Apt Elev <b>5434</b>
--	------------------------	--

# RNAV (GPS) Y RWY 7

DENVER INTL (DEN)

RNP APCH.			MALSR	<div>MISSED APPROACH: Climb to 5900 then climbing right turn to 10000 direct CIDMU and on track 081° to LIMEX and hold.</div>		
RADAR required.						
<div>▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 46°C. Simultaneous approach authorized with Rwy 8. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 4500 and LNAV Cat C/D visibility to RVR 5500.</div>			<div></div>			
D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>128.75 273.55</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC	



DENVER, COLORADO

Amdt 1C 03JAN19

39°52'N-104°40'W

DENVER INTL (DEN)

# RNAV (GPS) Y RWY 7

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>82228</b> <b>W08A</b>	APP CRS <b>082°</b>	Rwy Idg <b>12000</b> TDZE <b>5354</b> Apt Elev <b>5434</b>
--	------------------------	--

RNAV (GPS) Y RWY 8

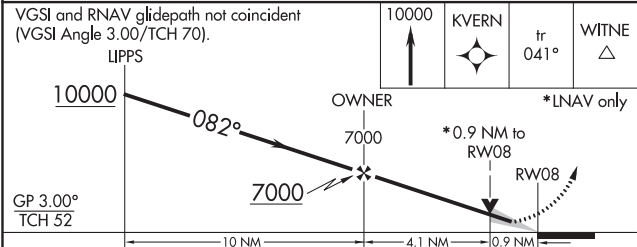
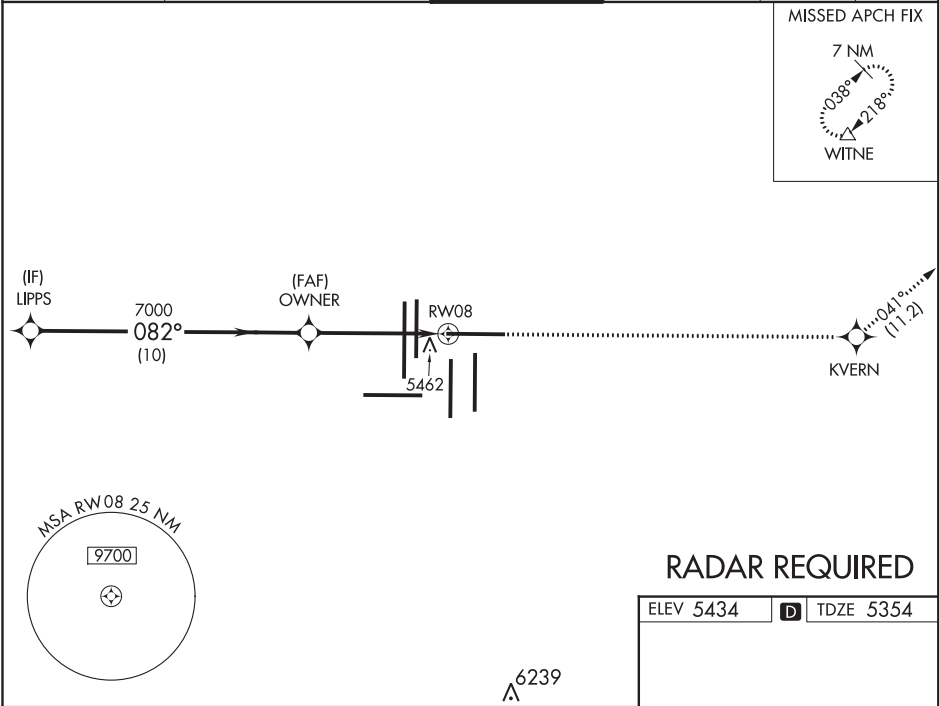
DENVER INTL (DEN)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 47°C (117°F). Simultaneous approach authorized with Rwy 7.  
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. For inoperative MALSR, increase LNAV Cat C/D visibility to RVR 5500. # RVR 1800 authorized with use of FD or AP or HUD to DA.

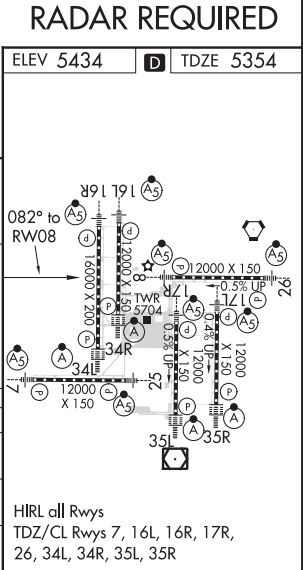
MALSR

MISSED APPROACH: Climb to 10000 direct KVERN and on track 041° to WITNE and hold.

D-ATIS	DENVER APP CON	DENVER TOWER	GND CON	CLNC DEL	CPDLC
ARR <b>125.6 379.9</b> DEP <b>134.025</b>	<b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	<b>132.35 239.275</b>	<b>121.85 377.1</b>	<b>118.75</b>	



CATEGORY	A	B	C	D
LPV DA #	5554/24 200 (200-½)			
LNAV/VNAV DA	5833/60 479 (400-1¼)			
LNAV MDA	5720/24 366 (300-½)		5720/35 366 (300-⅝)	



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) Y RWY 16L  
DENVER INTL (DEN)

**MISSED APPROACH:** Climb to 5900 then climbing right turn to 10000 direct BINBE and hold, continue climb-in-hold to 10000.

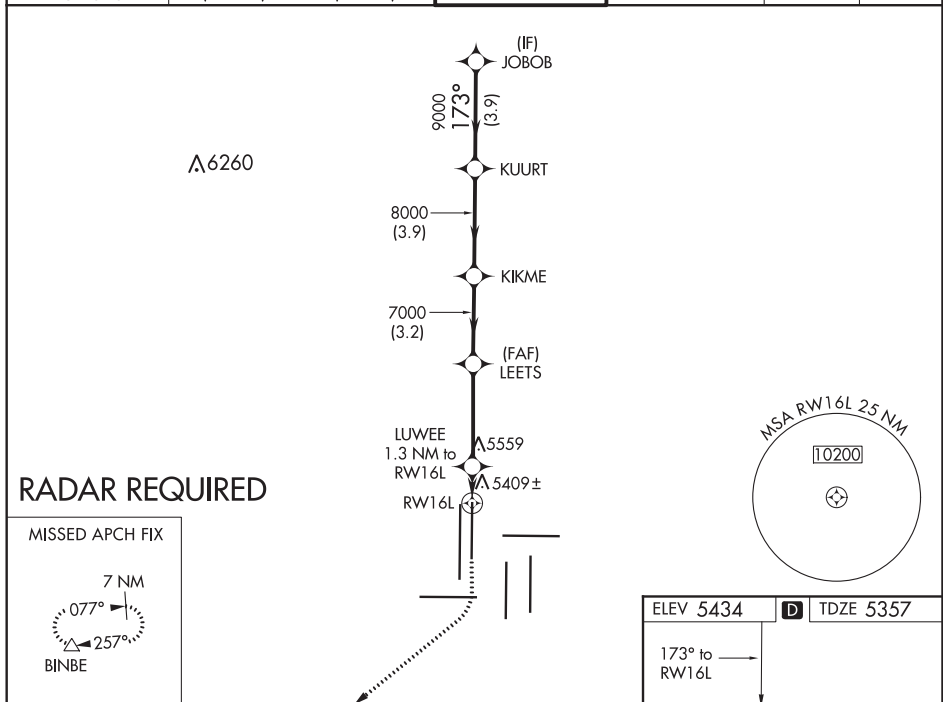
## RADAR REQUIRED




7 NM

77°

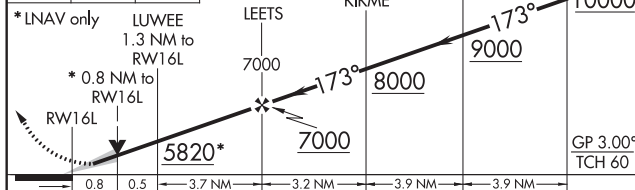
257°

BINBE

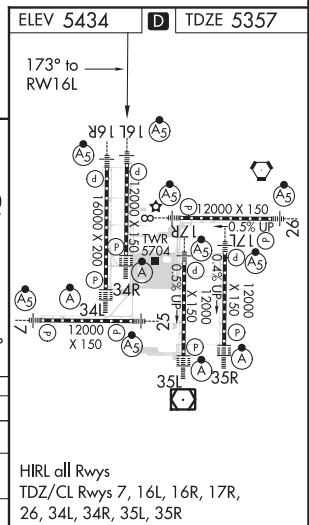


5900	10000	BINBE
		

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D
LPV DA		5557/18	200 (200-½)	
LNAV/ VNAV DA		5647/24	290 (300-½)	
LNAV MDA		5660/24	303 (300-½)	


DENVER INTL (DEN)  
RNAV (GPS) Y RWY 16L

SW-1, 30 JAN 2020 to 26 MAR 2020

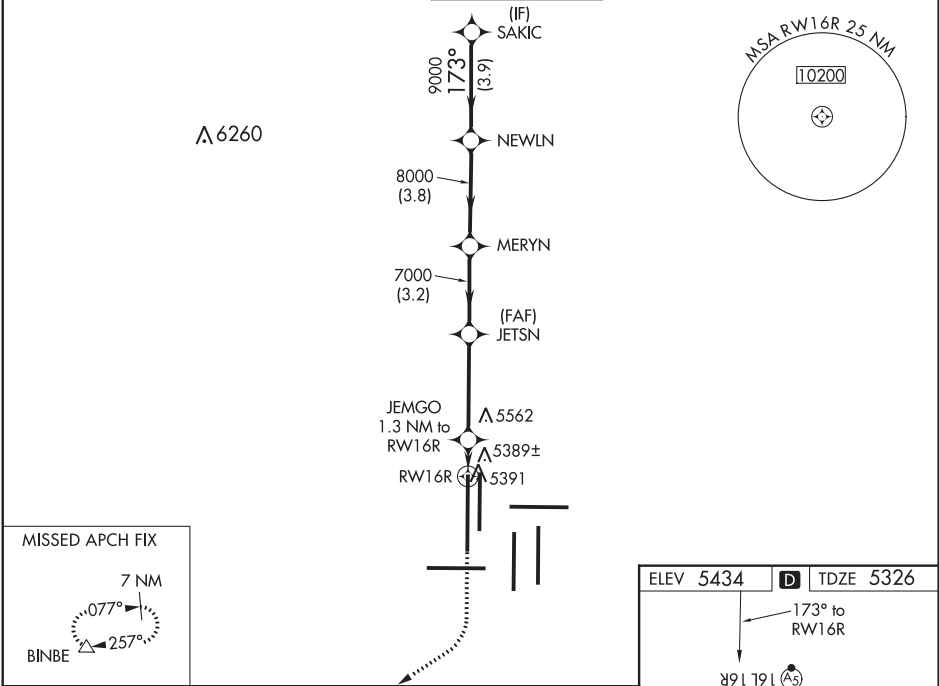


WAAS CH <b>82628</b> <b>W16B</b>	APP CRS <b>173°</b>	Rwy Idg <b>16000</b> TDZE <b>5326</b> Apt Elev <b>5434</b>
--	------------------------	--

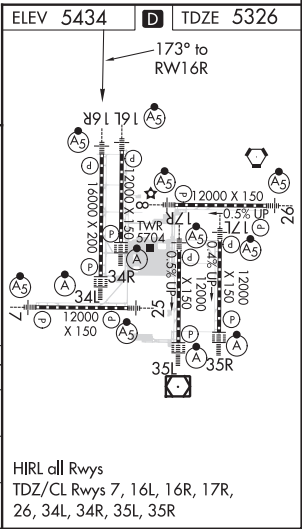
RNAV (GPS) Y RWY 16R  
DENVER INTL (DEN)

RNP APCH.	MALSR 	MISSED APPROACH: Climb to 5900 then climbing right turn to 10000 direct BINBE and hold, continue climb-in-hold to 10000.
RADAR required. ▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 46°C. Simultaneous approach authorized with Rwy 17L/R. LNAV procedure NA during simultaneous operations. For inoperative MALSR, increase LNAV/VNAV all Cats visibility to RVR 4500, LNAV Cat C/D visibility to RVR 4500. Use of FD or AP providing RNAV track guidance required during simultaneous operations.		

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>135.3 351.95</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	---------------------------------	---------------------------	-------



5900 10000 BINBE		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).			
*LNAV only		JEMGO 1.3 NM to RW16R	JETSN	MERYN	NEWLN
*0.8 NM to RW16R		7000	7000	8000	9000
0.8 0.5		3.8 NM	3.2 NM	3.8 NM	3.9 NM
CATEGORY	A	B	C	D	
LPV DA	5526/18		200 (100-½)		
LNAV/VNAV DA	5589/24		263 (200-½)		
LNAV MDA	5660/24	334 (300-½)	5660/26	334 (300-½)	



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO


AL-9077 (FAA)

18312

WAAS CH <b>81830</b> <b>W17A</b>	APP CRS <b>173°</b>	Rwy Idg <b>12000</b> TDZE <b>5339</b> Apt Elev <b>5434</b>
--	------------------------	--

# RNAV (GPS) Y RWY 17L

DENVER INTL (DEN)

<p>▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (119°F). DME/DME RNP-0.3 NA. LNAV procedure NA during simultaneous operations. For inoperative MALS R increase LNAV Cats C/D visibility to RVR 5500. Use of FD or AP providing RNAV track guidance required during simultaneous operations. Simultaneous approach authorized with Rwy 16L/16R and 17R.</p> <p># RVR 1800 authorized with use of FD or AP or HUD to DA.</p>	<p>MALS R</p> 	<p>MISSED APPROACH: Climb to 5900 then climbing left turn to 10000 direct LIMEX and hold.</p>
---	---	---

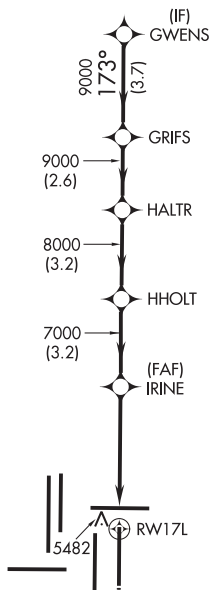
D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>132.35 239.275</b>	GND CON <b>121.85 377.1</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	---------------------------------------	--------------------------------	---------------------------	-------

## RADAR REQUIRED

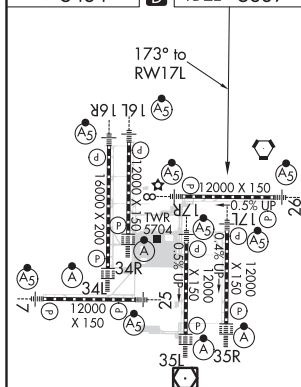
A 6260

MSA RW17L 25 NM

9200



ELEV 5434	D	TDZE 5339
-----------	---	-----------



HIRL all Rwy  
TDZ/CL Rwy 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R

5900 ↑	10000 ↘	LIMEX △	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 66).			
*LNAV only		IRINE	HHOLT	HALTR	GRIFS	GWENS
*1 NM to RW17L		7000	8000	9000	9000	9000
RW17L		7000				GP 3.00° TCH 48
1 NM		4.1 NM	3.2 NM	3.2 NM	2.6 NM	3.7 NM
CATEGORY		A	B	C	D	
LPV DA #	5539/24 200 (200-½)					
LNAV/ VNAV DA	5648/24 309 (300-½)					
LNAV MDA	5700/24 361 (300-½)			5700/35 361 (300-¾)		

DENVER, COLORADO

Amdt 1B 07DEC17

39°52'N-104°40'W

DENVER INTL (DEN)

## RNAV (GPS) Y RWY 17L

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>93529</b> <b>W17B</b>	APP CRS <b>173°</b>	Rwy Idg <b>12000</b> TDZE <b>5392</b> Apt Elev <b>5434</b>
--	------------------------	--

RNAV (GPS) Y RWY 17R  
DENVER INTL (DEN)

DENVER INTL (DEN)

▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 46°C (116°F). Simultaneous approach authorized with Rwy 16L/16R and 17L. DME/DME RNP-0.3 NA. For inoperative MALSR, increase LNAV/VNAV all Cats visibility to 1½ mile, and LNAV Cat C/D to 1½ mile. LNAV procedure NA during simultaneous operations. Use of FD or AP provided RNAV track guidance required during simultaneous operations.

MALSR

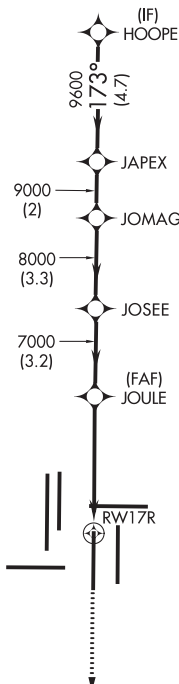


**MISSED APPROACH:**  
Climb to 10000 direct  
JAKUR and on track  
200° to HOHUM  
and hold.

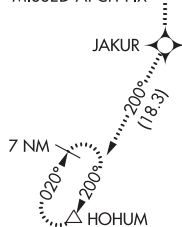
D-ATIS		DENVER APP CON		DENVER TOWER		GND CON		CLNC DEL		CPDLC	
ARR	125.6 379.9	119.3	307.3	120.35	379.3	133.3	322.45	121.85	377.1		118.75
DEP	134.025	(NORTH)		(SOUTH)							

## RADAR REQUIRED

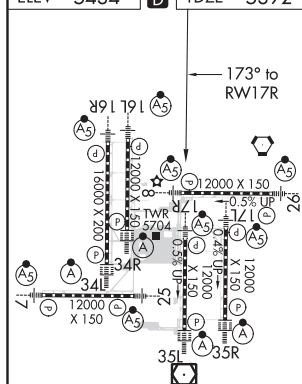
A 6260



MISSED APCH FIX



ELEV	5434		TDZE	5392
------	------	---	------	------



HIRL all Rwys

TDZ/CL Rwy's 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R

CATEGORY	A	B	C	D
LPV DA	5592/18 200 (200-½)			
LNAV/VNAV DA	5857/60 465 (500-1¼)			
LNAV MDA	5940/24 548 (600-½)		5940-1¼ 548 (600-1¼)	

DENVER, COLORADO

Amdt 1C 12OCT17

DENVER INTL (DEN)

39°52'N-104°40'W

RNAV (GPS) Y RWY 17R



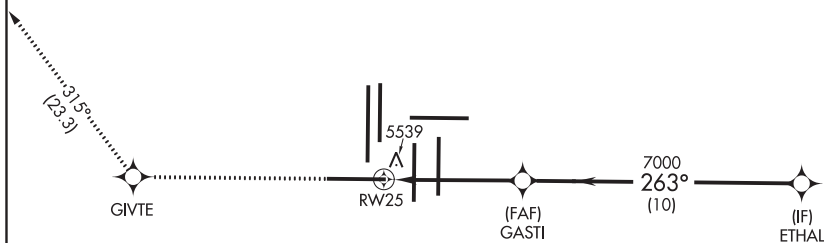
RNAV (GPS) Y RWY 25  
DENVER INTL (DEN)


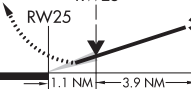
**MISSED APPROACH:** Climb to 10000 direct GIVTE and on track 315° to HYGEN and hold.

CPDLC

HYGEN 

## RADAR REQUIRED



<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>10000</p> <p>↑</p> </div> <div style="text-align: center;"> <p>GIVTE</p>  </div> <div style="text-align: center;"> <p>tr 315°</p> </div> <div style="text-align: center;"> <p>HYGEN</p> <p>△</p> </div> <div> <p>VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 83).</p> </div> </div>				
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>*RNAV only</p> </div> <div> <p>GASTI</p> <p>7000</p> </div> <div> <p>ETHAL</p> <p>10000</p> </div> </div>				
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>RW25</p>  </div> <div> <p>*1.1 NM to RW25</p> </div> <div> <p>7000</p> </div> <div> <p>263°</p> </div> <div> <p>GP 3.00° TCH 55°</p> </div> </div>				
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>1.1 NM</p> </div> <div> <p>3.9 NM</p> </div> <div> <p>10 NM</p> </div> </div>				
CATEGORY	A	B	C	D
LPV DA #	5555/24 200 (200-½)			
RNAV/ VNAV DA	5700/30 345 (300-⅝)			
RNAV MDA	5800/24 445 (400-½)	5800/45 445 (400-¾)		

DENVER INTL (DEN)

RNAV (GPS) Y RWY 25



WAAS CH <b>58128</b> <b>W26A</b>	APP CRS <b>263°</b>	Rwy Idg <b>12000</b> TDZE <b>5309</b> Apt Elev <b>5434</b>
--	------------------------	--

RNAV (GPS) Y RWY 26

DENVER INTL (DEN)

RNP APCH.  
RADAR required.  
▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 46°C. Simultaneous approach authorized with Rwy 25. For inoperative ALS, increase LNAV/VNAV all Cats visibility to RVR 4000 and LNAV Cat C/D visibility to RVR 5500. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

MALSR

MISSED APPROACH:  
Climb to 6000 then climbing right turn to 11000 direct NIWOT and hold.

D-ATIS ARR <b>125.6</b> <b>379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3</b> <b>307.3</b> <b>120.35</b> <b>379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>132.35</b> <b>239.275</b>	GND CON <b>121.85</b> <b>377.1</b>	CLNC DEL <b>118.75</b>	CPDLC
---	---	--	---------------------------------------	---------------------------	-------

ELEV 5434 **D** TDZE 5309

HIRL all Rwys  
TDZ/CL Rwys 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R

6000 11000 NIWOT  
↑ ↪ △

\* LNAV only

CATEGORY	A	B	C	D
LPV DA	5509/18 200 (100-½)			
LNAV/VNAV DA	5559/24 250 (200-½)			
LNAV MDA	5660/24 351 (300-½)		5660/30 351 (300-¾)	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO

AL-9077 (FAA)

18312

WAAS CH <b>45619</b> <b>W34A</b>	APP CRS <b>353°</b>	Rwy Idg TDZE <b>5327</b> Apt Elev <b>5434</b>
--	------------------------	---

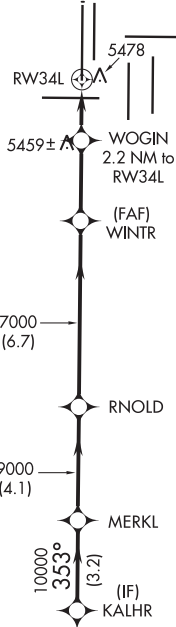
# RNAV (GPS) Y RWY 34L

DENVER INTL (DEN)

<p>⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. LNAV procedure NA during simultaneous operations. Simultaneous approach authorized with Rwy 35L/R. Use of FD or AP providing RNAV track guidance required during simultaneous operations.</p>	<p>ALSF-2</p> <p>ⓐ</p>	<p>MISSED APPROACH: Climb to 5900 then climbing left turn to 10000 direct HYGEN and hold.</p>
---	------------------------	---

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>135.3 351.95</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	---------------------------------	---------------------------	-------

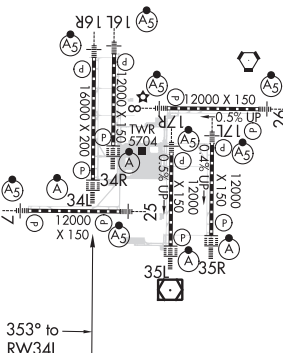
MISSED APCH FIX



## RADAR REQUIRED

ELEV 5434 **D** TDZE 5327

HIRL all Rwys  
TDZ/CL Rwys 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R



KALHR		MERKL	RNOLD	WINTR	WOGIN	HYGEN
10000		9000	7000	7000	5900	10000
GP 3.00° TCH 50		353°	353°	353°	353°	353°
3.2 NM		4.1 NM	6.7 NM	2.9 NM	1.2 NM	1 NM
CATEGORY	A	B	C	D		
LPV DA	5527/18 200 (100-½%)					
LNAV/VNAV DA	5660/30 333 (300-⅝%)					
LNAV MDA	5720/24 393 (300-½%)		5720/35 393 (300-⅝%)			

DENVER, COLORADO

Amdt 2C 12OCT17

39°52'N-104°40'W

DENVER INTL (DEN)

# RNAV (GPS) Y RWY 34L

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

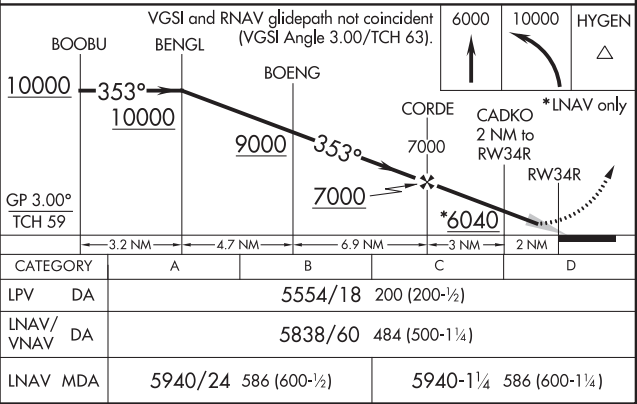
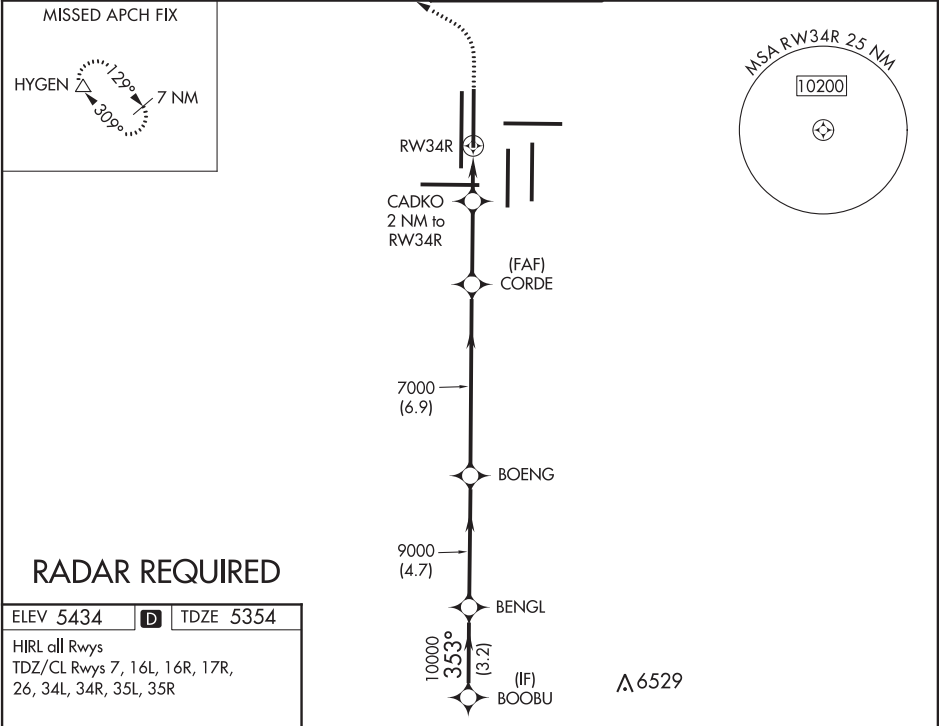


WAAS CH <b>90318</b> <b>W34B</b>	APP CRS <b>353°</b>	Rwy Idg <b>12000</b> TDZE <b>5354</b> Apt Elev <b>5434</b>
--	------------------------	--

RNAV (GPS) Y RWY 34R

DENVER INTL (DEN)

⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 46°C (114°F). DME/DME RNP- 0.3 NA. LNAV procedure NA during simultaneous operations. Simultaneous approach authorized with Rwy 35L/R. Use of FD or AP providing RNAV track guidance required during simultaneous operations.				ALSF-2 	MISSED APPROACH: Climb to 6000 then climbing left turn to 10000 direct HYGEM and hold.
D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3</b> (NORTH) <b>120.35 379.3</b> (SOUTH)	DENVER TOWER <b>135.3 351.95</b>	GND CON <b>127.5 379.175</b>	CLNC DEL <b>118.75</b>	CPDLC



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER, COLORADO

AL-9077 (FAA)

17341

WAAS CH <b>53419</b> <b>W35A</b>	APP CRS <b>353°</b>	Rwy Idg <b>12000</b> TDZE <b>5434</b> Apt Elev <b>5434</b>
--	------------------------	--

# RNAV (GPS) Y RWY 35L

DENVER INTL (DEN)

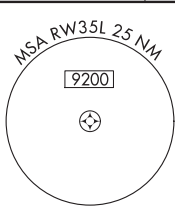
**▼** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 46°C (115°F). DME/DME RNP-0.3 NA. For inoperative ALSF, increase LNAV/VNAV visibility all Cats to RVR 4000. LNAV procedure NA during simultaneous operations. Simultaneous approach authorized with Rwy 34L, Rwy 34R, and Rwy 35R. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

ALSF-2

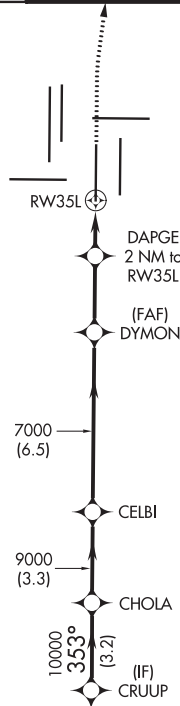


**MISSED APPROACH:**  
Climb to 10000 then right turn direct GLL VOR/DME and hold.

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>133.3 322.45</b>	GND CON <b>121.85 377.1</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	-------------------------------------	--------------------------------	---------------------------	-------



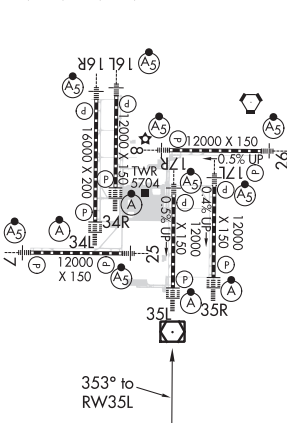
MISSED APCH FIX






## RADAR REQUIRED

ELEV 5434 **D** TDZE 5434

HIRL all Rwys  
TDZ/CL Rwys 7, 16L, 16R, 17R,  
26, 34L, 34R, 35L, 35R



CRUUP		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).		10000			GLL 
CHOLA		CELBI	DYMON	DAPGE 2 NM to RW35L	*LNAV only		
11000	353°	10000	9000	353°	7000	*0.9 NM to RW35L	RW35L
GP 3.00° TCH 57			7000	*6120			
→ 3.2 NM →		→ 3.3 NM →		→ 6.5 NM →		→ 2.7 NM →	
				→ 1.1 NM →		→ 0.9 NM →	
CATEGORY	A		B		C		D
LPV DA	5634/18 200 (200-½)						
LNAV/ VNAV DA	5684/24 250 (300-½)						
LNAV MDA	5780/24 346 (400-½)				5780/30 346 (400-¾)		

DENVER, COLORADO

Amdt 2B 12OCT17

39°52'N-104°40'W

DENVER INTL (DEN)

# RNAV (GPS) Y RWY 35L

SW-1, 30 JAN 2020 to 26 MAR 2020

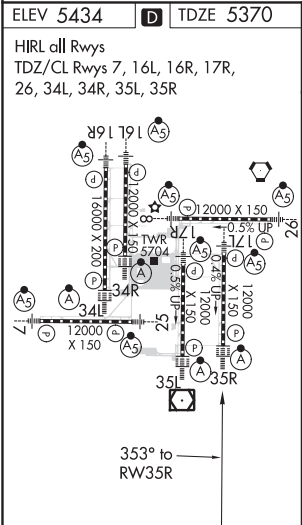
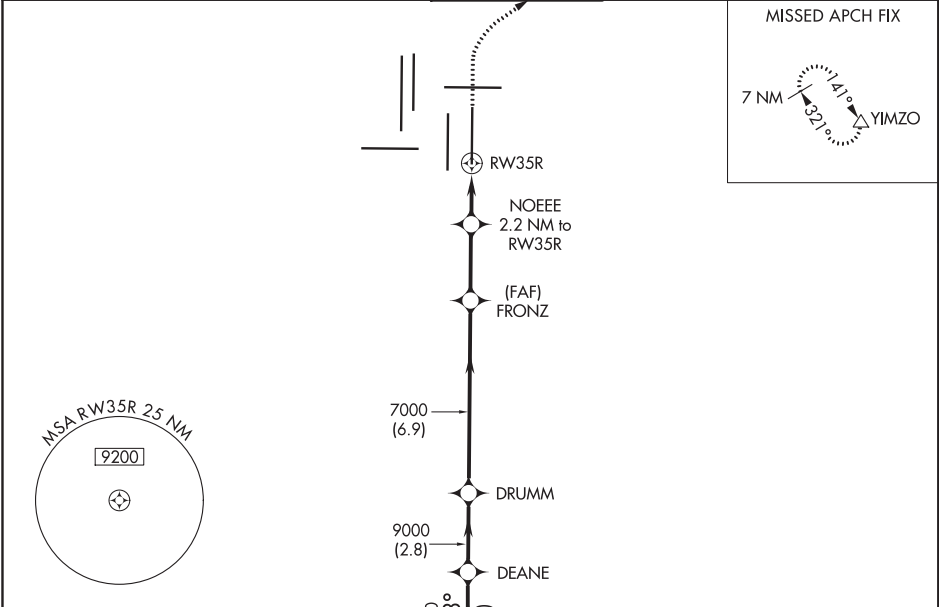


WAAS CH <b>45719</b> <b>W35B</b>	APP CRS <b>353°</b>	Rwy Idg <b>12000</b> TDZE <b>5370</b> Apt Elev <b>5434</b>
--	------------------------	--

RNAV (GPS) Y RWY 35R  
DENVER INTL (DEN)

⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 45°C (114°F). DME/DME RNP-0.3 NA. For inoperative ALSF, increase LNAV/VNAV visibility all Cats to RVR 4000. LNAV procedure NA during simultaneous operations. Simultaneous approach authorized with Rwy 34L, Rwy 34R, and Rwy 35L. Use of FD or AP providing RNAV track guidance required during simultaneous operations.			ALSF-2 	MISSED APPROACH: Climb to 5900 then climbing right turn to 8000 direct YIMZO and hold.
--	--	--	------------	--

D-ATIS ARR <b>125.6 379.9</b> DEP <b>134.025</b>	DENVER APP CON <b>119.3 307.3 120.35 379.3</b> (NORTH) (SOUTH)	DENVER TOWER <b>132.35 239.275</b>	GND CON <b>121.85 377.1</b>	CLNC DEL <b>118.75</b>	CPDLC
--	--	---------------------------------------	--------------------------------	---------------------------	-------



VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 66).		5900	8000	YIMZO
DORRY DEANE DRUMM		FRONZ	NOEE 2.2 NM to RW35R	
9000 353° 9000 9000 353° 7000		7000	*1.1 NM to RW35R	
GP 3.00° TCH 59		*6120	RW35R	
3.2 NM 2.8 NM 6.9 NM 2.7 NM 1.1 NM 1.1 NM				
CATEGORY	A	B	C	D
LPV DA	5570/18 200 (200-½)			
LNAV/VNAV DA	5620/24 250 (200-½)			
LNAV MDA	5800/24 430 (400-½)			5800/40 430 (400-¾)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



17341

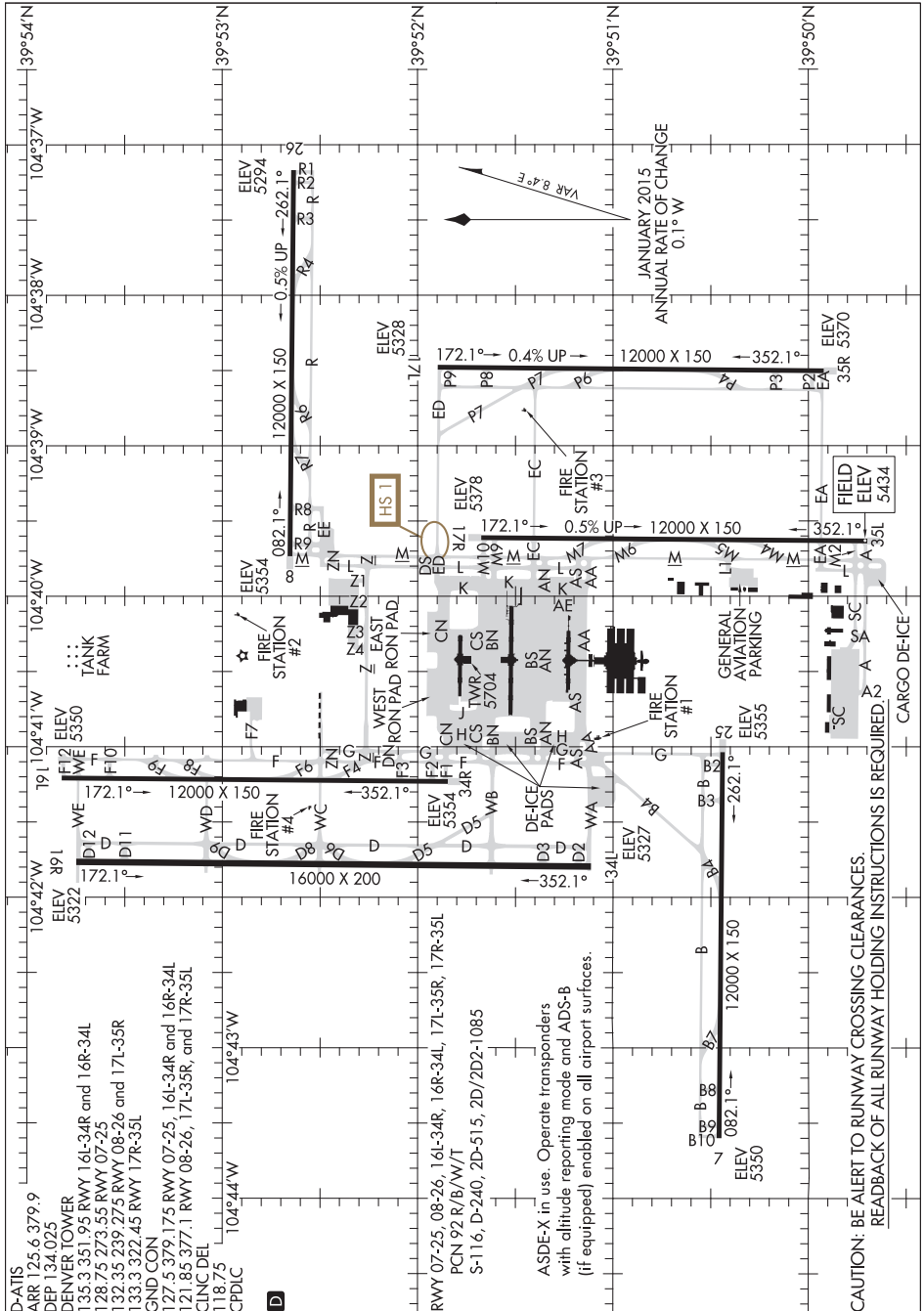
## AIRPORT DIAGRAM

AL-9077 (FAA)

DENVER INTL (DEN)

DENVER, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



## AIRPORT DIAGRAM

17341

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020



D-ATIS DEP  
134.025  
CLNC DEL  
118.75  
CPDLC  
DENVER DEP  
1126.1 360.0

NOTE: DME/DME/IRU or GPS required.

NOTE: DME/DM  
NOTE: RNAV 1.

NOTE: Turbojets only.

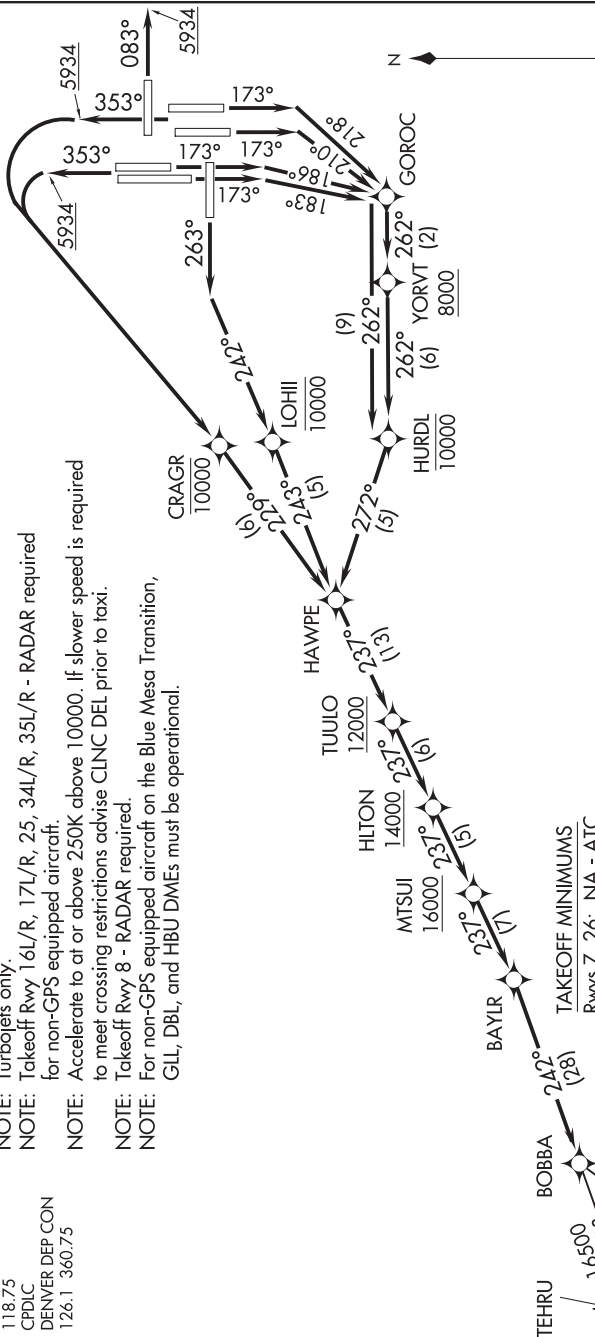
NOTE: Takeoff Rwy 16L/R, 17L/R, 25, 34L/R, 35L/R - RADAR required for non-GPS equipped aircraft.

**NOTE:** Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLINC DEL prior to taxi.

NOTE: Takeoff Rwy 8 - RADAR required.

**NOTE:** For non-GPS equipped aircraft on the Blue Mesa Transition, GLL, DBL, and HBU DMEs must be operational.

**TOP ALTITUDE:**  
**FL230**



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

BAYLR FIVE DEPARTURE (RNAV)

(BAYLR5.BOBBA) 30JAN20

DENVER, COLORADO

DENVER INTL (DEN)



(BAYLR5.BOBBA) 20030

BAYLR FIVE DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)

DENVER, COLORADO



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 5934, then continue climb on heading 083° or as assigned by ATC for RADAR vectors to BAYLR, thence . . .

TAKEOFF RUNWAY 16L: Climb on heading 173° to intercept course 186° to GOROC, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence . . .

TAKEOFF RUNWAY 16R: Climb on heading 173° to intercept course 183° to GOROC, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 218° to GOROC, then on track 262° to cross YORVT at/above 8000, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence . . .

TAKEOFF RUNWAY 17R: Climb on heading 173° to intercept course 210° to GOROC, then on track 262° to cross YORVT at/above 8000, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to intercept course 242° to cross LOHII at/below 10000, then on track 243° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence . . .

TAKEOFF RUNWAYS 34L/R, 35L/R: Climb on heading 353° to 5934, then climbing left turn direct to cross CRAGR at/below 10000, then on track 229° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence . . .

. . . as depicted to BOBBA, thence on (transition) maintain FL230 or filed lower altitude. Expect higher filed altitude ten minutes after departure.

BLUE MESA TRANSITION (BAYLR5.HBU)

TEHRU TRANSITION (BAYLR5.TEHRU)

BAYLR FIVE DEPARTURE (RNAV)

(BAYLR5.BOBBA) 30JAN20

DENVER, COLORADO

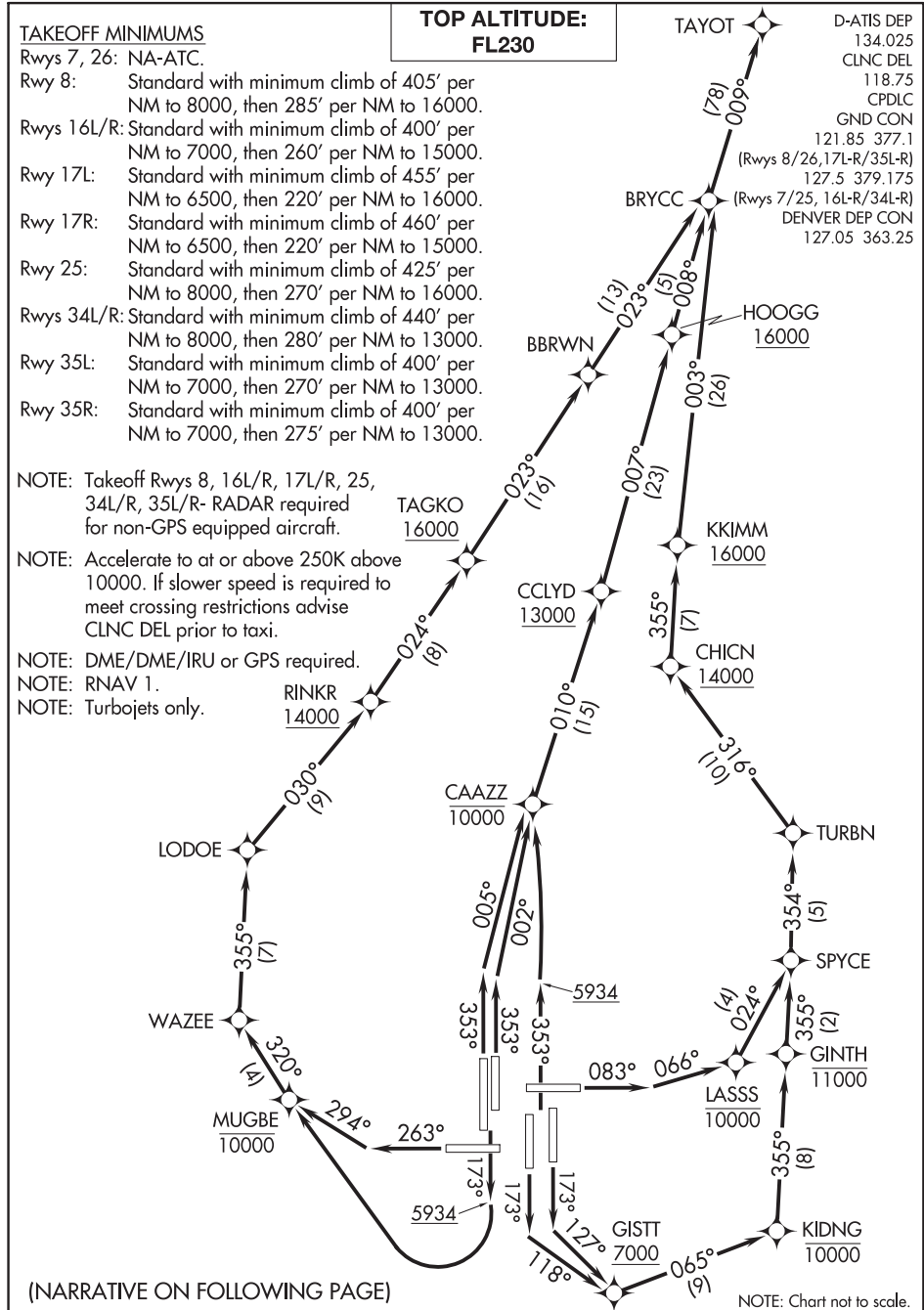
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



## BRYCC FIVE DEPARTURE (RNAV)

DENVER INTL (DEN)  
DENVER, COLORADO

BRYCC FIVE DEPARTURE (RNAV)  
(BRYCC5.TAYOT) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)



(BRYCC5.TAYOT) 20030

BRYCC FIVE DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 066° to cross LASSS at or below 10000, then on track 024° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKIMM at or above 16000, then on track 003° to BRYCC. Thence . . . .

TAKEOFF RUNWAYS 16L/R: Climb on heading 173° to 5934, then right turn direct to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 024° to cross TAGKO at or above 16000, then on track 023° to BBRWN, then on track 023° to BRYCC. Thence . . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to cross GINTH at or below 11000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKIMM at or above 16000, then on track 003° to BRYCC. Thence . . . .

TAKEOFF RUNWAY 17R: Climb on heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to cross GINTH at or below 11000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKIMM at or above 16000, then on track 003° to BRYCC. Thence . . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to intercept course 294° to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 024° to cross TAGKO at or above 16000, then on track 023° to BBRWN, then on track 023° to BRYCC. Thence . . . .

TAKEOFF RUNWAY 34L: Climb on heading 353° to intercept course 005° to cross CAAZZ at or below 10000, then on track 010° to cross CCLYD at or above 13000, then on track 007° to cross HOOGG at or above 16000, then on track 008° to BRYCC. Thence . . . .

TAKEOFF RUNWAY 34R: Climb on heading 353° to intercept course 002° to cross CAAZZ at or below 10000, then on track 010° to cross CCLYD at or above 13000, then on track 007° to cross HOOGG at or above 16000, then on track 008° to BRYCC. Thence . . . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 353° to 5934, then left turn direct to cross CAAZZ at or below 10000, then on track 010° to cross CCLYD at or above 13000, then on track 007° to cross HOOGG at or above 16000, then on track 008° to BRYCC. Thence . . . .

. . . . then on depicted route to TAYOT. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

BRYCC FIVE DEPARTURE (RNAV)

(BRYCC5.TAYOT) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



**TOP ALTITUDE:**  
**FL230**

D-ATIS DEP	134.025
CLINC DEL	118.75
CPDLC	
DENVER DEP CON	126.1 360.75

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

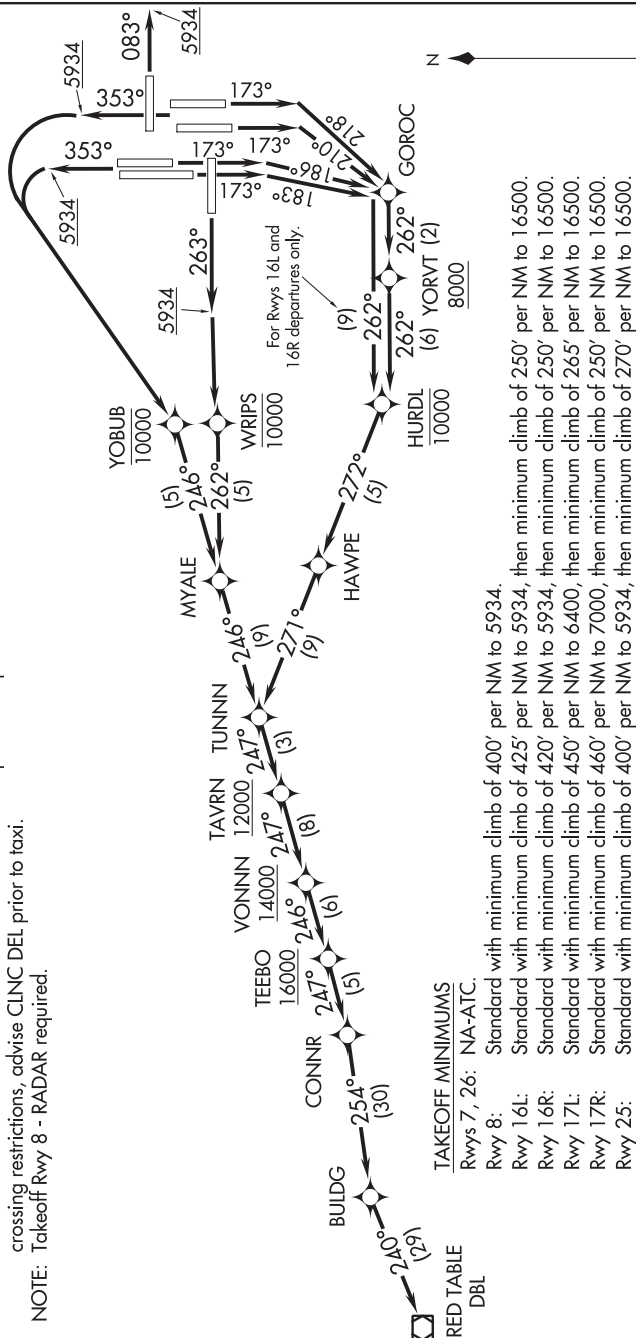
NOTE: Turbojets only.

NOTE: Takeoff Rwy's 16L/R, 17L/R, 34L/R, 35L/R, 25 - RADAR required.

for non-GPS equipped aircraft.

**NOTE:** Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLINC DEL prior to taxi.

NOTE: Takeoff Rwy 8 - RADAR required.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

## CONNR SIX DEPARTURE (RNAV)

(CONNR6.CONNR) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)



(CONNR6.CONNR) 20030

## CONNR SIX DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 5934, then continue climb on heading 083° or as assigned by ATC for RADAR vectors to CONNR, thence . . . .

TAKEOFF RUNWAY 16L: Climb on heading 173° to intercept course 186° to GOROC, then on track 262° to cross HURDL at or below 10000, then on track 272° to HAWPE, then on track 271° to TUNNN, then on track 247° to cross TAVRN at or above 12000, then on track 247° to cross VONNN at or above 14000, then on track 246° to cross TEEBO at or above 16000, then on track 247° to CONNR, thence . . . .

TAKEOFF RUNWAY 16R: Climb on heading 173° to intercept course 183° to GOROC, then on track 262° to cross HURDL at or below 10000, then on track 272° to HAWPE, then on track 271° to TUNNN, then on track 247° to cross TAVRN at or above 12000, then on track 247° to cross VONNN at or above 14000, then on track 246° to cross TEEBO at or above 16000, then on track 247° to CONNR, thence . . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 218° to GOROC, then on track 262° to cross YORVT at or above 8000, then on track 262° to cross HURDL at or below 10000, then on track 272° to HAWPE, then on track 271° to TUNNN, then on track 247° to cross TAVRN at or above 12000, then on track 247° to cross VONNN at or above 14000, then on track 246° to cross TEEBO at or above 16000, then on track 247° to CONNR, thence . . . .

TAKEOFF RUNWAY 17R: Climb on heading 173° to intercept course 210° to GOROC, then on track 262° to cross YORVT at or above 8000, then on track 262° to cross HURDL at or below 10000, then on track 272° to HAWPE, then on track 271° to TUNNN, then on track 247° to cross TAVRN at or above 12000, then on track 247° to cross VONNN at or above 14000, then on track 246° to cross TEEBO at or above 16000, then on track 247° to CONNR, thence . . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to 5934, then direct to cross WRIPS at or below 10000, then on track 262° to MYALE, then on track 246° to TUNNN, then on track 247° to cross TAVRN at or above 12000, then on track 247° to cross VONNN at or above 14000, then on track 246° to cross TEEBO at or above 16000, then on track 247° to CONNR, thence . . . .

TAKEOFF RUNWAYS 34L/R, 35L/R: Climb on heading 353° to 5934, then climbing left turn direct to cross YOBUB at or below 10000, then on track 246° to MYALE, then on track 246° to TUNNN, then on track 247° to cross TAVRN at or above 12000, then on track 247° to cross VONNN at or above 14000, then on track 246° to cross TEEBO at or above 16000, then on track 247° to CONNR, thence . . . .

. . . . on depicted route to DBL VOR/DME. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

## CONNR SIX DEPARTURE (RNAV)

(CONNR6.CONNR) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



**TAKEOFF MINIMUMS**  
Rwys 7, 26: NA-ATC.  
Rwy 8: Standard with minimum climb of 400' per NM to 5934.  
Rwy 16L: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 240' per NM to 16000.  
Rwy 16R: Standard with minimum climb of 480' per NM to 5934, then minimum climb of 245' per NM to 16000.  
Rwys 17L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 240' per NM to 16000.  
Rwy 25: Standard with minimum climb of 425' per NM to 5934, then minimum climb of 260' per NM to 16000.  
Rwys 34L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 250' per NM to 16000.  
Rwy 35L: Standard with minimum climb of 360' per NM to 5934, then minimum climb of 270' per NM to 16000.  
Rwy 35R: Standard with minimum climb of 375' per NM to 5934, then minimum climb of 270' per NM to 16000.

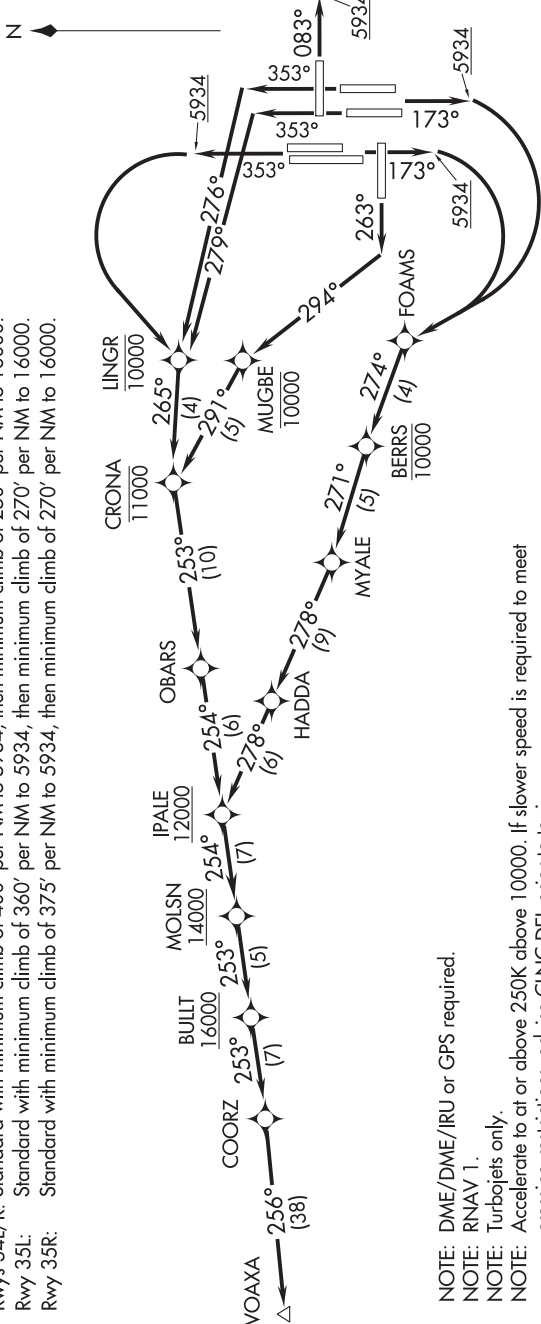
**TOP ALTITUDE:  
FL230**

D-ATIS DEP  
134.025  
CLNC DEL  
118.75  
CPDLC  
DENVER DEP CON  
126.1 360.75

**COORZ FIVE DEPARTURE (RNAV)**  
(COORZ5.VOAXA) 30JAN20

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)





## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 5934, then continue climb on heading 083° or as assigned by ATC for RADAR vectors to COORZ, thence. . . .

TAKEOFF RUNWAYS 16L/16R, 17L/17R: Climb on heading 173° to 5934, then right turn direct FOAMS, then on track 274° to cross BERRS at/below 10000, then on track 271° to MYALE, then on track 278° to HADDA, then on track 278° to cross IPALE at/above 12000, then on track 254° to cross MOLSIN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to intercept course 294° to cross MUGBE at/below 10000, then on track 291° to cross CRONA at/below 11000, then on track 253° to OBARS, then on track 254° to cross IPALE at/above 12000, then on track 254° to cross MOLSIN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

TAKEOFF RUNWAYS 34L/34R: Climb on heading 353° to 5934, then left turn direct to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 253° to OBARS, then on track 254° to cross IPALE at/above 12000, then on track 254° to cross MOLSIN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

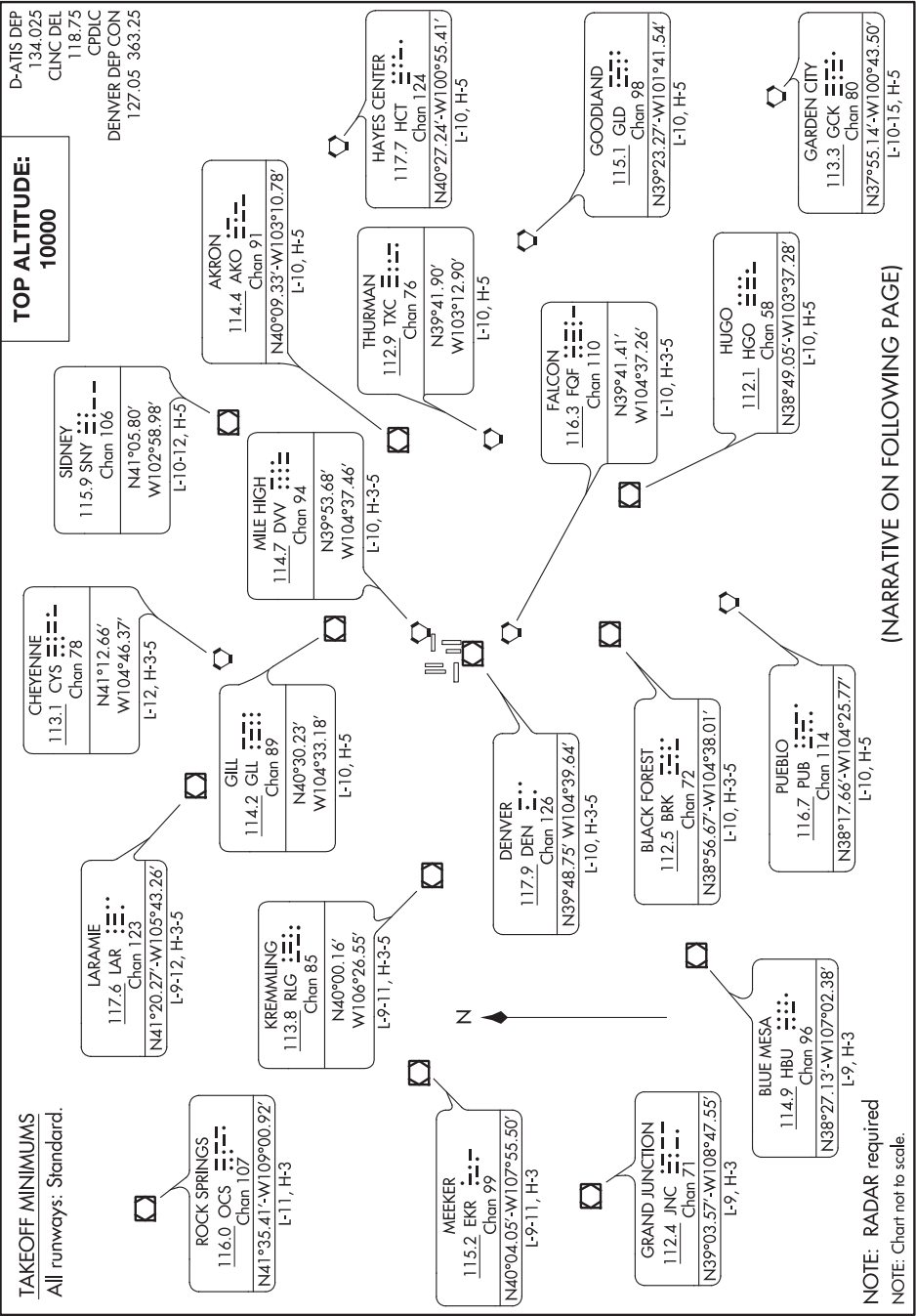
TAKEOFF RUNWAY 35L: Climb on heading 353° to intercept course 279° to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 253° to OBARS, then on track 254° to cross IPALE at/above 12000, then on track 254° to cross MOLSIN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

TAKEOFF RUNWAY 35R: Climb on heading 353° to intercept course 276° to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 253° to OBARS, then on track 254° to cross IPALE at/above 12000, then on track 254° to cross MOLSIN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

. . . on depicted route to VOAXA. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.



SW-1, 30 JAN 2020 to 26 MAR 2020



(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned route. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

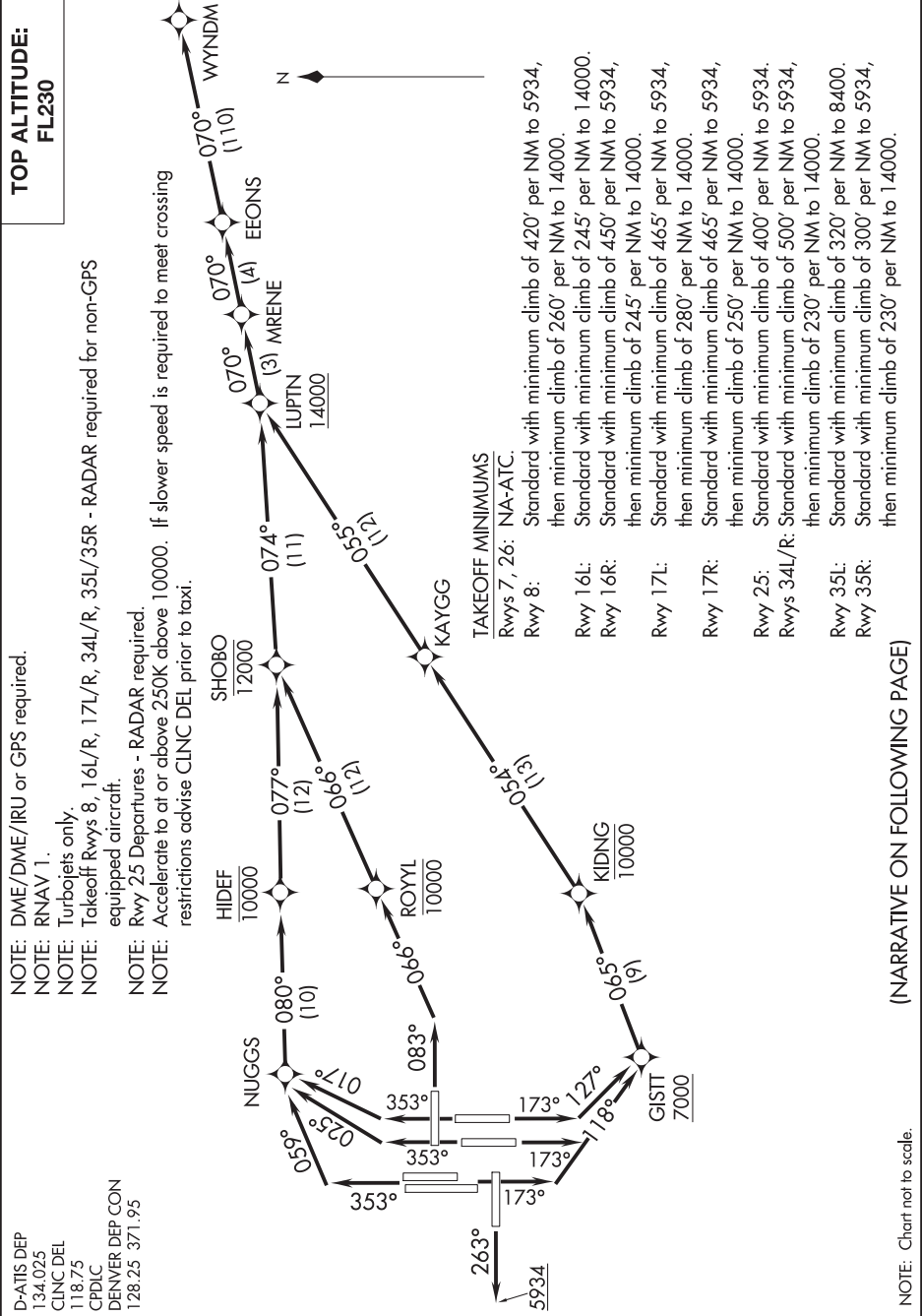
LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned route. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020







DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 066° to cross ROYYL at/below 10000, then on track 066° to cross SHOBO at/below 12000, then on track 074° to cross LUPTN at/above 14000, thence . . . .

TAKEOFF RUNWAYS 16L/R, 17R: Climb on heading 173° to intercept course 118° to cross GISTT at/above 7000, then on track 065° to cross KIDNG at/below 10000, then on track 054° to KAYGG, then on track 055° to cross LUPTN at/above 14000, thence . . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 127° to cross GISTT at/above 7000, then on track 065° to cross KIDNG at/below 10000, then on track 054° to KAYGG, then on track 055° to cross LUPTN at/above 14000, thence . . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to 5934, then continue climb on heading 263° or as assigned by ATC for RADAR vectors to EEONS, thence . . . .

TAKEOFF RUNWAYS 34L/R: Climb on heading 353° to intercept course 059° to NUGGS, then on track 080° to cross HIDEF at/below 10000, then on track 077° to cross SHOBO at/below 12000, then on track 074° to cross LUPTN at/above 14000, thence . . . .

TAKEOFF RUNWAY 35L: Climb on heading 353° to intercept course 025° to NUGGS, then on track 080° to cross HIDEF at/below 10000, then on track 077° to cross SHOBO at/below 12000, then on track 074° to cross LUPTN at/above 14000, thence . . . .

TAKEOFF RUNWAY 35R: Climb on heading 353° to intercept course 017° to NUGGS, then on track 080° to cross HIDEF at/below 10000, then on track 077° to cross SHOBO at/below 12000, then on track 074° to cross LUPTN at/above 14000, thence . . . .

. . . . on depicted route to WYNDM, maintain FL230 or lower filed altitude. Expect higher filed altitude 10 minutes after departure.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1:

NOTE: Turbojets only.

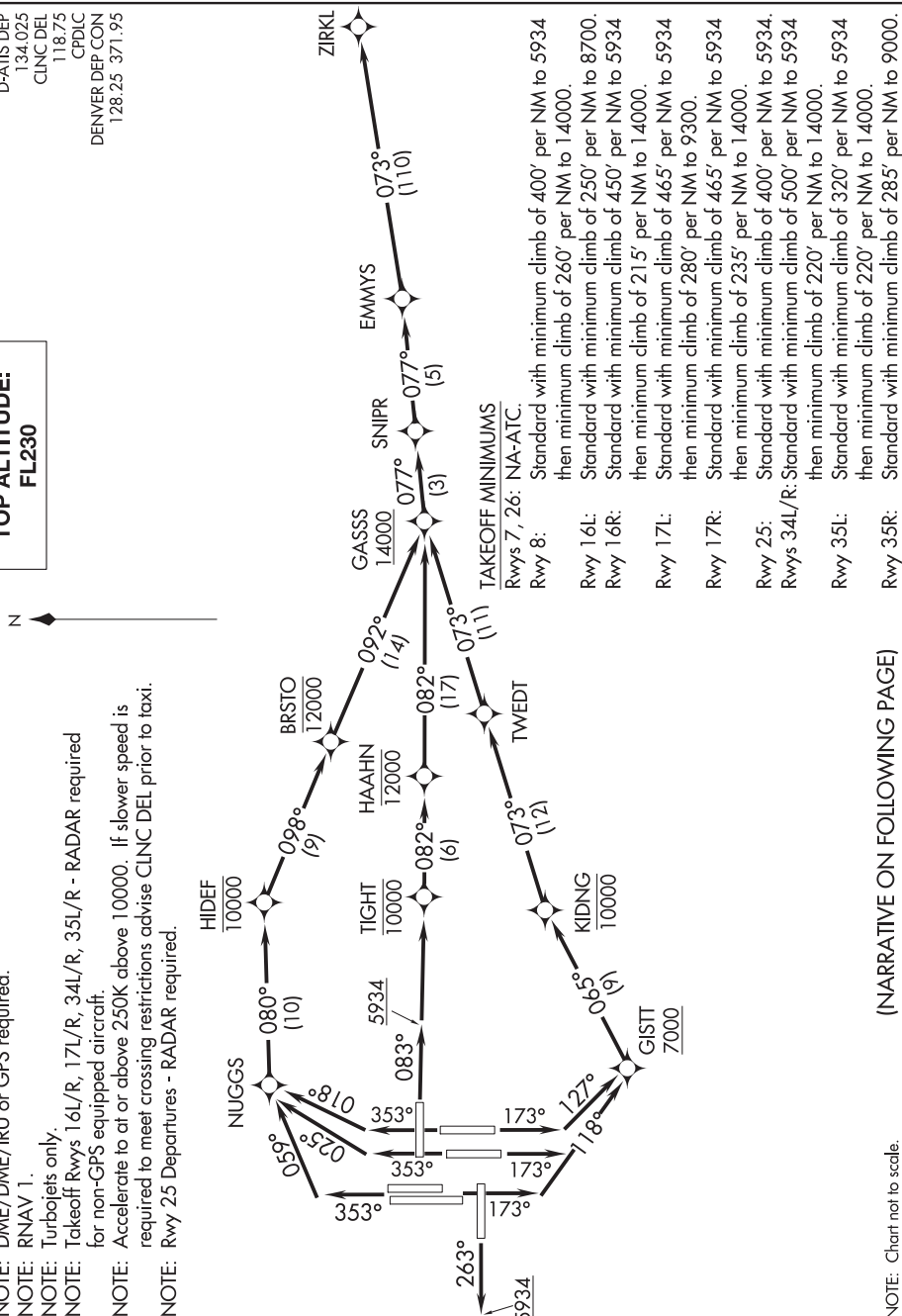
NOTE: Takeoff Rwys 16L/R, 17L/R, 34L/R, 35L/R - RADAR required

for non-GPS equipped aircraft.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: Rwy 25 Departures - RADAR required.

**TOP ALTITUDE:**  
**FL230**



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

## EMMYS SEVEN DEPARTURE (RNAV)

(EMMYS7.ZIRKL) 30JAN20

DENVER, COLORADO

DENVER INTL (DEN)



(EMMYS7.ZIRKL) 20030

EMMYS SEVEN DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 5934, then direct to cross TIGHT at or below 10000, then on track 082° to cross HAAHN at or below 12000, then on track 082° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFF RUNWAYS 16L/R, 17R: Climb on heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 073° to TWEDT, then on track 073° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 073° to TWEDT, then on track 073° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to 5934, then continue climb on heading 263° or as assigned by ATC for RADAR vectors to EMMYS, thence. . . .

TAKEOFF RUNWAYS 34L/R: Climb on heading 353° to intercept course 059° to NUGGS then on track 080° to cross HIDEF at/below 10000, then on track 098° to cross BRSTO at/or below 12000, then on track 092° to cross GASSS at/above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFF RUNWAY 35L: Climb on heading 353° to intercept course 025° to NUGGS, then on track 080° to cross HIDEF at or below 10000, then on track 098° to cross BRSTO at or below 12000, then on track 092° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track to 077° to EMMYS, thence. . . .

TAKEOFF RUNWAY 35R: Climb on heading 353° to intercept course 018° to NUGGS, then on track 080° to cross HIDEF at or below 10000, then on track 098° to cross BRSTO at or below 12000, then on track 092° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track to 077° to EMMYS, thence. . . .

. . . on depicted route to ZIRKL. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

EMMYS SEVEN DEPARTURE (RNAV)

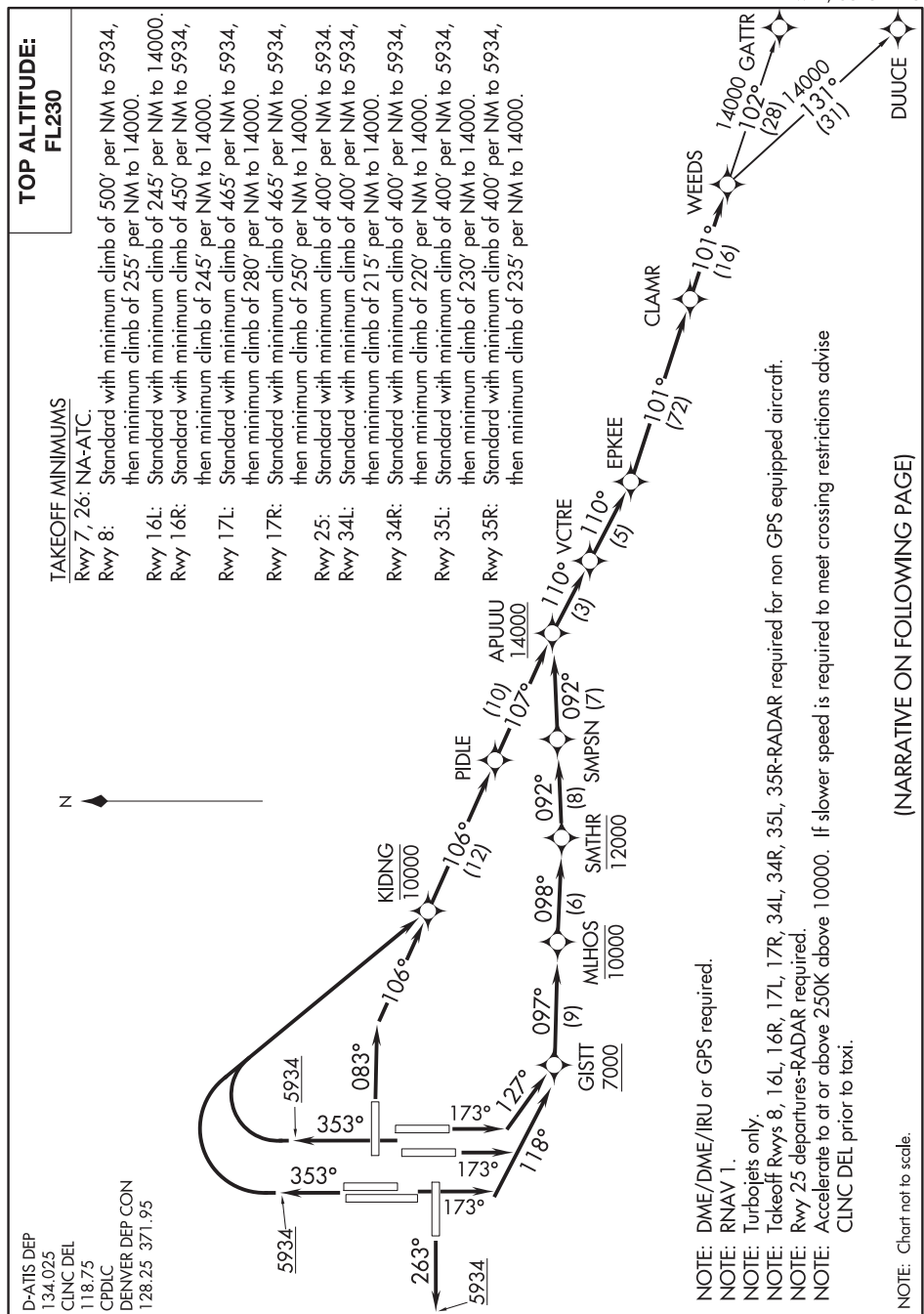
(EMMYS7.ZIRKL) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(EPKEE6.WEEDS) 20030

EPKEE SIX DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 106° to PIDLE, then on track 107° to cross APUUU at or above 14000, then on track 110° to VCTRE, then on track 110° to EPKEE, thence. . . .

TAKEOFF RUNWAYS 16L, 16R, 17R: Climb on heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 097° to cross MLHOS at or below 10000, then on track 098° to cross SMTHR at or below 12000, then on track 092° to SMPSN, then on track 092° to cross APUUU at or above 14000, then on track 110° to VCTRE, then on track 110° to EPKEE, thence. . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 097° to cross MLHOS at or below 10000, then on track 098° to cross SMTHR at or below 12000, then on track 092° to SMPSN, then on track 092° to cross APUUU at or above 14000, then on track 110° to VCTRE, then on track 110° to EPKEE, thence. . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to 5934, then continue climb on heading 263° or as assigned by ATC for RADAR vectors to EPKEE, thence. . . .

TAKEOFF RUNWAYS 34L, 34R, 35L, 35R: Climb on heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 106° to PIDLE, then on track 107° to cross APUUU at or above 14000, then on track 110° to VCTRE, then on track 110° to EPKEE, thence. . . .

. . . . on depicted route to WEEDS, then on (transition). Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

DUUCE TRANSITION (EPKEE6.DUUCE)

GATTR TRANSITION (EPKEE6.GATTR)

EPKEE SIX DEPARTURE (RNAV)  
(EPKEE6.WEEDS) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

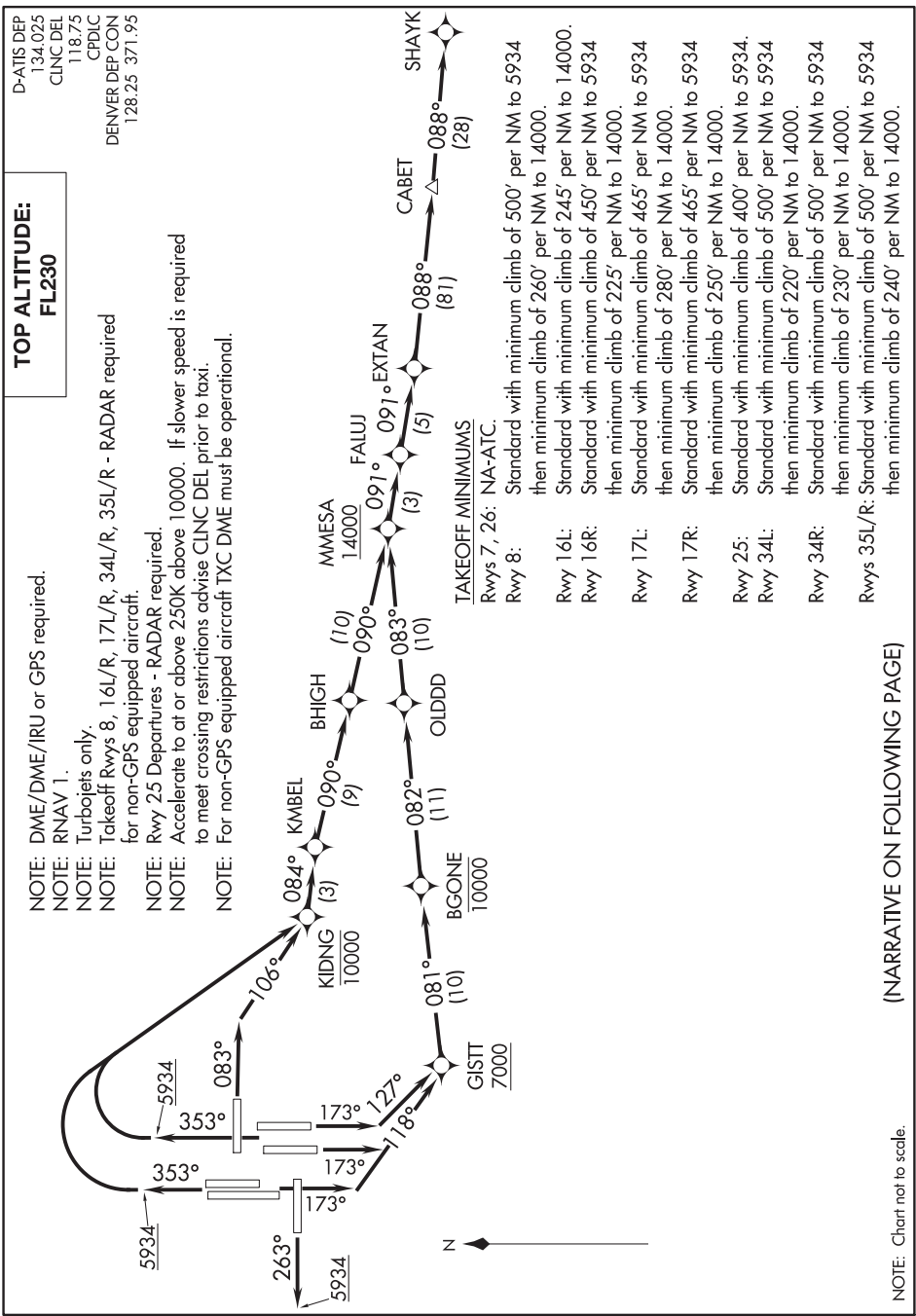
SW-1, 30 JAN 2020 to 26 MAR 2020



(EXTAN6.SHAYK) 20030  
EXTAN SIX DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO





(EXTAN6.SHAYK) 20030

## EXTAN SIX DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)

DENVER, COLORADO



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 084° to KMBEL, then on track 090° to BHIGH, then on track 090° to cross MMESA at or above 14000, thence . . . .

TAKEOFF RUNWAYS 16L/R, 17R: Climb on heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 081° to cross BGONE at or below 10000, then on track 082° to OLDDD, then on track 083° to cross MMESA at or above 14000, thence . . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 081° to cross BGONE at or below 10000, then on track 082° to OLDDD, then on track 083° to cross MMESA at or above 14000, thence . . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to 5934, then continue climb on heading 263° or as assigned by ATC for RADAR vectors to EXTAN, thence . . . .

TAKEOFF RUNWAYS 34L/R, 35L/R: Climb on heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 084° to KMBEL, then on track 090° to BHIGH, then on track 090° to cross MMESA at or above 14000, thence . . . .

. . . . on depicted route to SHAYK, maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

EXTAN SIX DEPARTURE (RNAV)

(EXTAN6.SHAYK) 30JAN20

DENVER, COLORADO

DENVER INTL (DEN)



SW-1, 30 JAN 2020 to 26 MAR 2020

D-ATIS DEP  
134.025  
CLNC DEL  
118.75  
CPDLC  
DENVER DEP CON  
126.1 360.75

TOP ALTITUDE:  
FL230

TAKEOFF MINIMUMS

Rwys 7, 26: NA-ATC.

Rwy 8: Standard with minimum climb of 400' per NM to 5934.

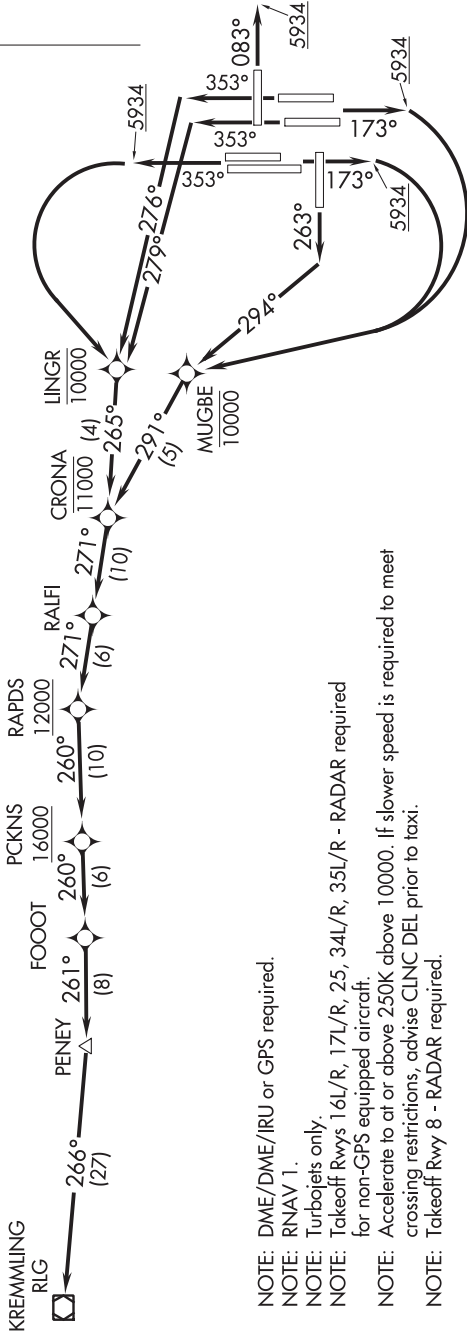
Rwys 16L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 265' per NM to 16000.

Rwys 17L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 245' per NM to 16000.

Rwy 25: Standard with minimum climb of 425' per NM to 5934, then minimum climb of 265' per NM to 16000.

Rwys 34L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 260' per NM to 16000.

Rwys 35L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 250' per NM to 16000.



NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turboprops only.

NOTE: Takeoff Rwys 16L/R, 17L/R, 25, 34L/R, 35L/R - RADAR required for non-GPS equipped aircraft.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLNC DEL prior to taxi.

NOTE: Takeoff Rwy 8 - RADAR required.

NOTE: Chart not to scale.

SW-1, 30 JAN 2020 to 26 MAR 2020





## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 5934, then continue climb on heading 083° or as assigned by ATC for RADAR vectors to PENEY. Thence. . . .

TAKEOFF RUNWAYS 16L/R, 17L/R: Climb on heading 173° to 5934, then right turn direct to cross MUGBE at/below 10000, then on track 291° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENEY. Thence. . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to intercept 294° course to cross MUGBE at/below 10000, then on track 291° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENEY. Thence. . . .

TAKEOFF RUNWAYS 34L/R: Climb on heading 353° to 5934, then left turn direct to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENEY. Thence. . . .

TAKEOFF RUNWAY 35L: Climb on heading 353° to intercept 279° course to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENEY. Thence. . . .

TAKEOFF RUNWAY 35R: Climb on heading 353° to intercept 276° course to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENEY. Thence. . . .

. . . . then on depicted route to RLG VOR/DME. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.



(PIKES2.DEN) 20030  
PIKES TWO DEPARTURE

AL-9077 (FAA)

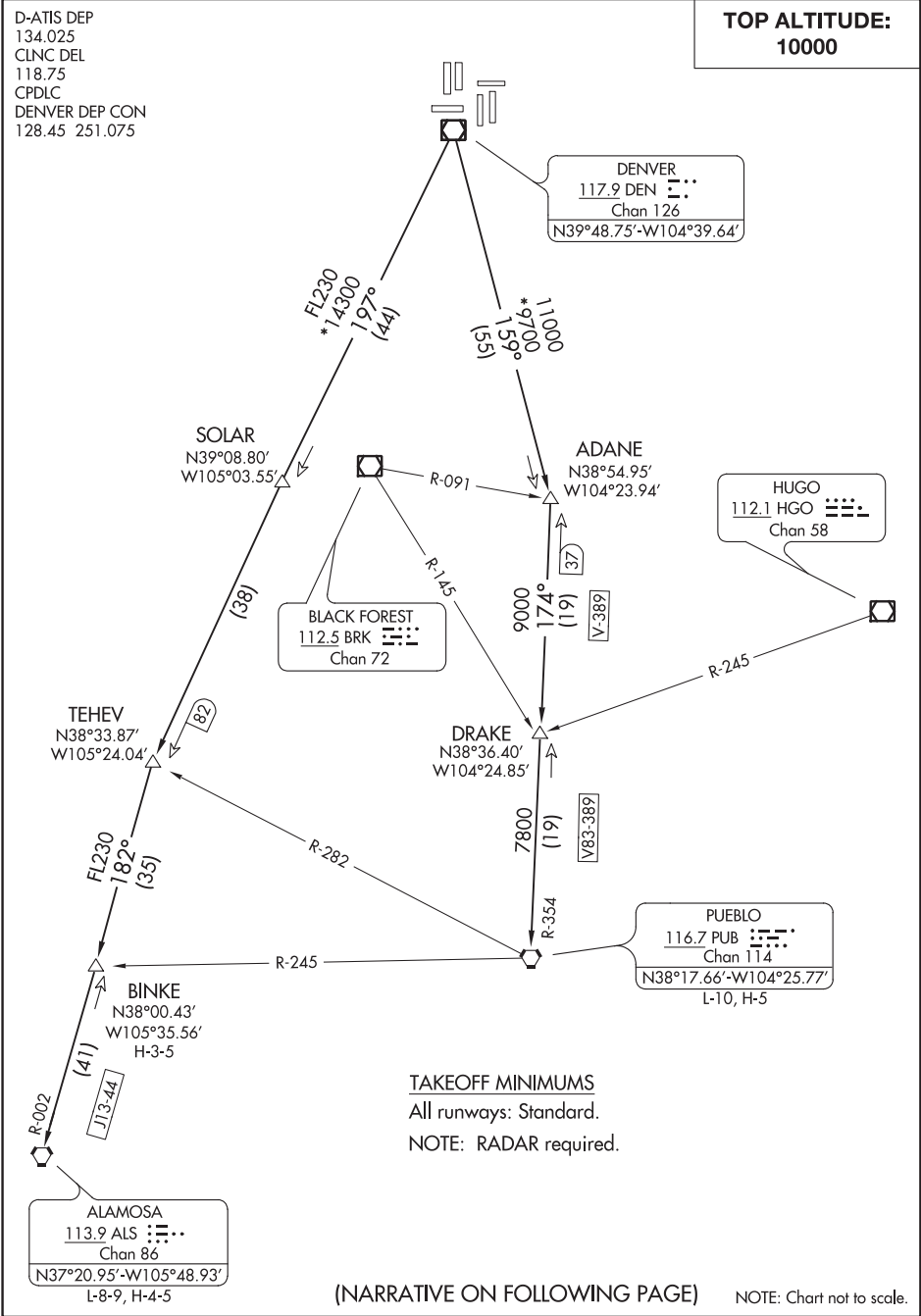
DENVER INTL (DEN)  
DENVER, COLORADO

D-ATIS DEP  
134.025  
CLNC DEL  
118.75  
CPDLC  
DENVER DEP CON  
128.45 251.075

**TOP ALTITUDE:**  
**10000**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



PIKES TWO DEPARTURE  
(PIKES2.DEN) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned route. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

ALAMOSA TRANSITION (PIKES2.ALS): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to ALS VORTAC.

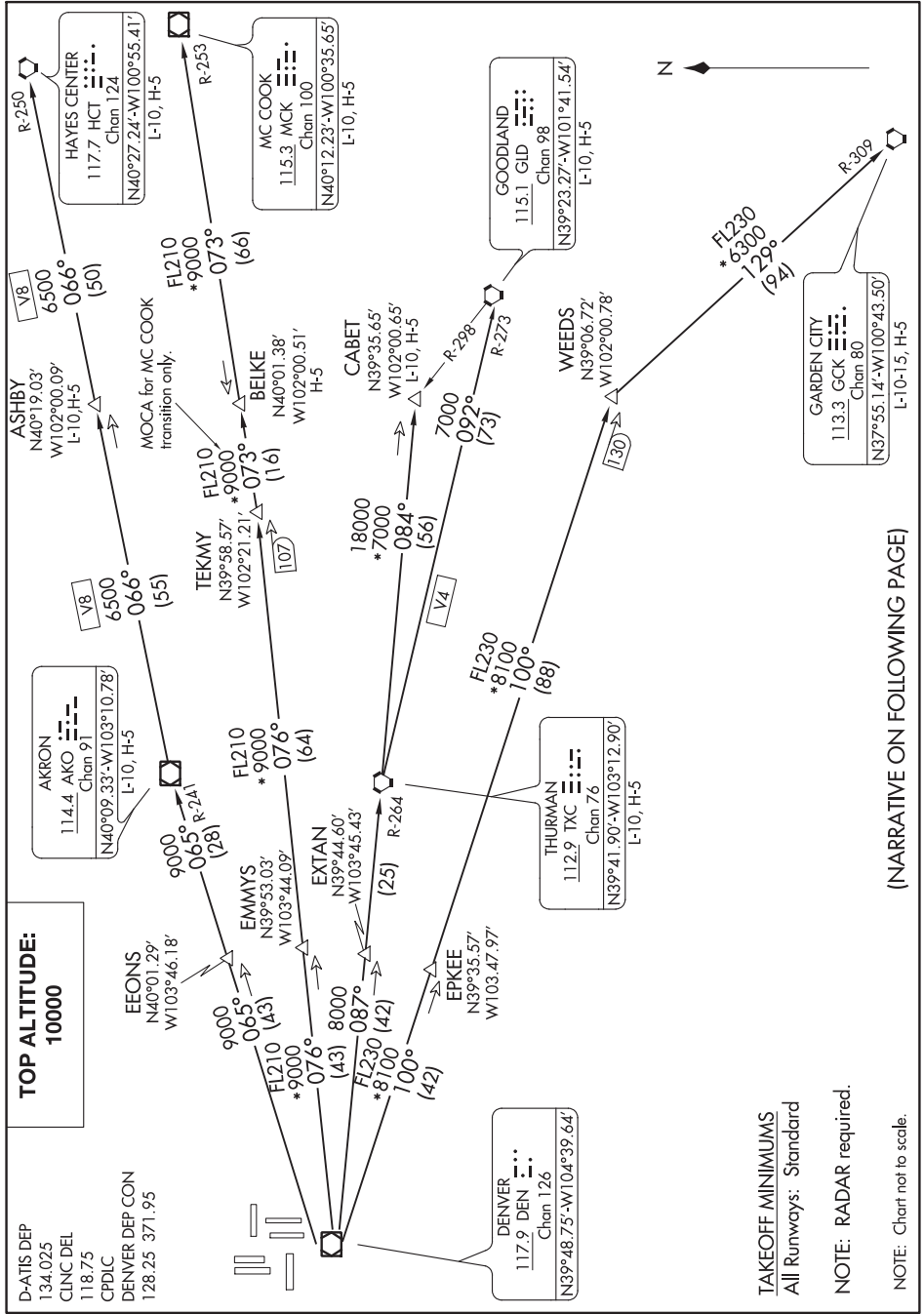
BINKE TRANSITION (PIKES2.BINKE): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to BINKE.

PUEBLO TRANSITION (PIKES2.PUB): From over DEN VOR/DME on DEN R-159 to ADANE, then on PUB R-354 to PUB VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020









DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned route. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS:

If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

AKRON TRANSITION (PLAIN1.AKO): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME.

ASHBY TRANSITION (PLAIN1.ASHBY): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to ASHBY.

BELKE TRANSITION (PLAIN1.BELKE): From over DEN VOR/DME on DEN R-076 and MCK R-253 to BELKE INT.

CABET TRANSITION (PLAIN1.CABET): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-084 to CABET.

GARDEN CITY TRANSITION (PLAIN1.GCK): From over DEN VOR/DME on DEN R-100 and GCK R-309 to GCK VORTAC.

GOODLAND TRANSITION (PLAIN1.GLD): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-092 and GLD R-273 to GLD VORTAC.

HAYES CENTER TRANSITION (PLAIN1.HCT): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to HCT VORTAC.

MCCOOK TRANSITION (PLAIN1.MCK): From over DEN VOR/DME on DEN R-076 to TEKMY, then on MCK R-253 to MCK VOR/DME.

THURMAN TRANSITION (PLAIN1.TXC): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC.

WEEDS TRANSITION (PLAIN1.WEEDS): From over DEN VOR/DME on DEN R-100 to WEEDS.



FISAR

Rwys 7, 26: NA-ATC.

Rwy 8: Standard with minimum climb of 400' per NM to 8000, then 285' per NM to 15000.

Rwys 16L/R: Standard with minimum climb of 400' per NM to 7000, then 260' per NM to 16000.

Rwy 17L: Standard with minimum climb of 400' per NM to 7000, then 220' per NM to 15000.

Rwy 17R: Standard with minimum climb of 455' per NM to 6500, then 220' per NM to 15000.

Rwy 25: Standard with minimum climb of 425' per NM to 8000, then 270' per NM to 16000.

Rwy 34L: Standard with minimum climb of 425' per NM to 7000, then 260' per NM to 12000.

Rwy 34R: Standard with minimum climb of 430' per NM to 7000, then 260' per NM to 12000.

Rwys 35L/R: Standard with minimum climb of 400' per NM to 7000, then 250' per NM to 12000.

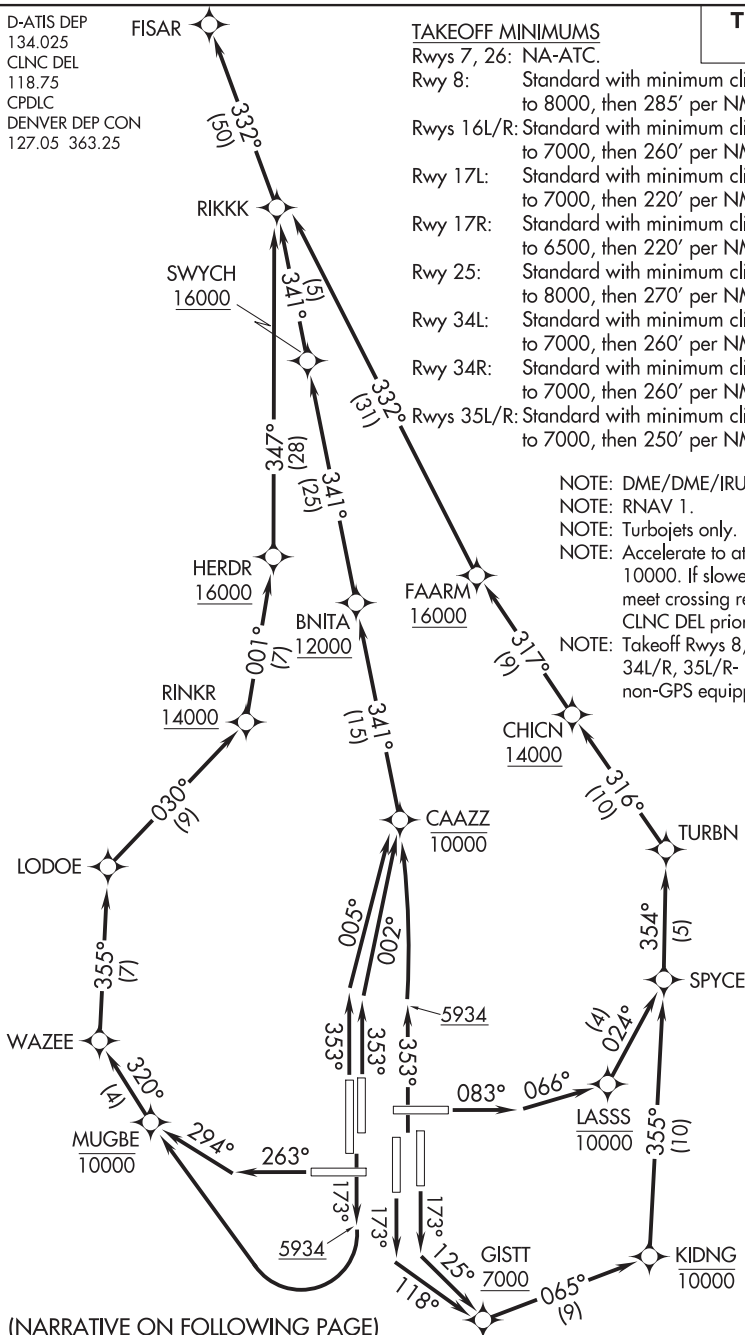
NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: Takeoff Rwy 8, 16L/R, 17L/R, 25, 34L/R, 35L/R- RADAR required for non-GPS equipped aircraft.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

RIKKK FIVE DEPARTURE (RNAV)

(RIKKK5.FISAR) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)





## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 066° to cross LASSS at or below 10000, then on track 024° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 332° to RIKKK. Thence . . . .

TAKEOFF RUNWAYS 16L/R: Climb on heading 173° to 5934, then right turn direct to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 001° to cross HERDR at or above 16000, then on track 347° to RIKKK. Thence . . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 125° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 332° to RIKKK. Thence . . . .

TAKEOFF RUNWAY 17R: Climb on heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 332° to RIKKK. Thence . . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to intercept course 294° to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 001° to cross HERDR at or above 16000, then on track 347° to RIKKK. Thence . . . .

TAKEOFF RUNWAY 34L: Climb on heading 353° to intercept course 005° to cross CAAZZ at or below 10000, then on track 341° to cross BNITA at or above 12000, then on track 341° to cross SWYCH at or above 16000, then on track 341° to RIKKK. Thence . . . .

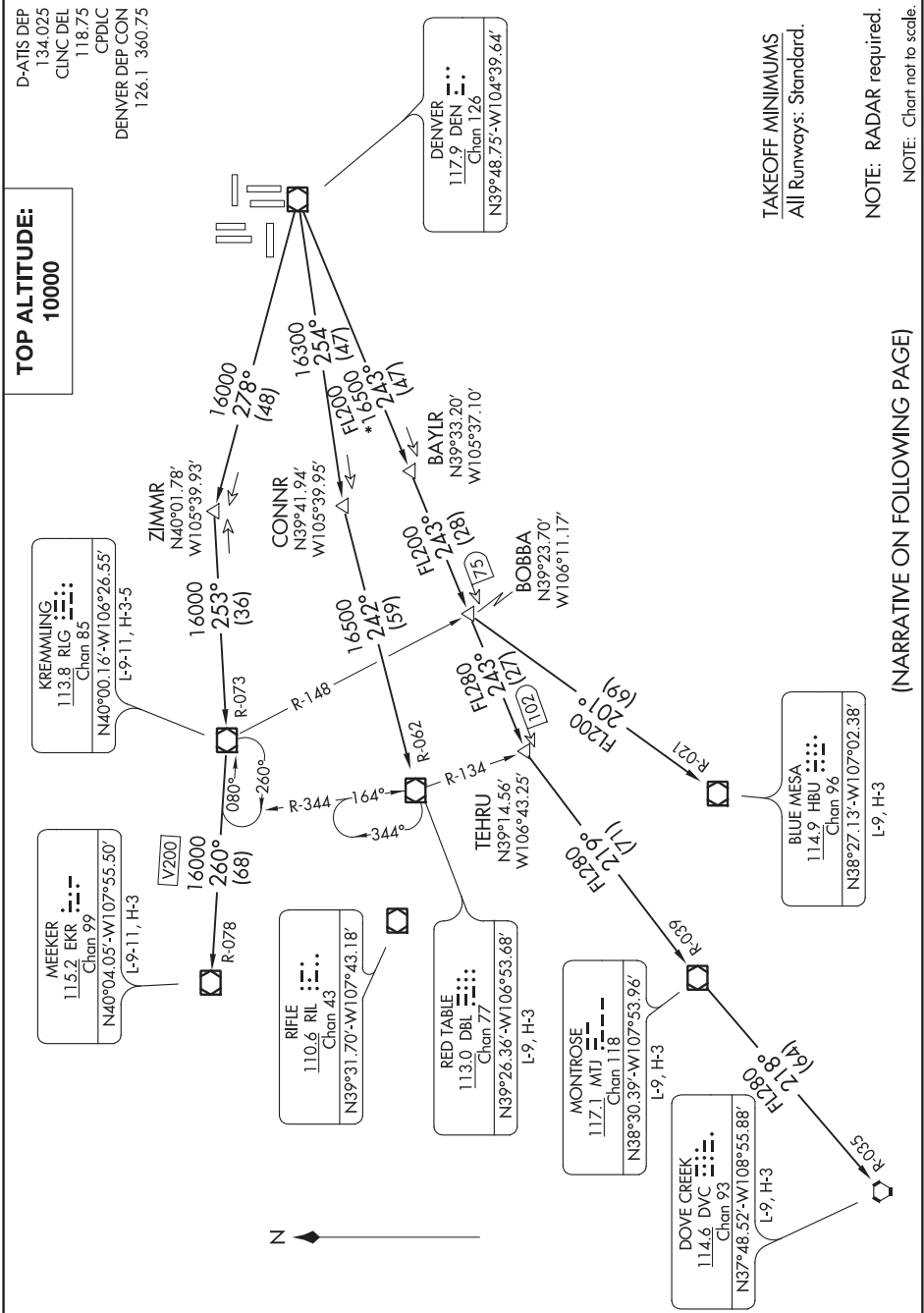
TAKEOFF RUNWAY 34R: Climb on heading 353° to intercept course 002° to cross CAAZZ at or below 10000, then on track 341° to cross BNITA at or above 12000, then on track 341° to cross SWYCH at or above 16000, then on track 341° to RIKKK. Thence . . . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 353° to 5934, then left turn direct CAAZZ, at or below 10000, then on track 341° to cross BNITA at or above 12000, then on track 341° to cross SWYCH at or above 16000, then on track 341° to RIKKK. Thence . . . .

. . . . then on depicted route to FISAR. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.



SW-1, 30 JAN 2020 to 26 MAR 2020







DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned route. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

BLUE MESA TRANSITION (ROCKI4.HBU): From over DEN VOR/DME on DEN R-243 and HBU R-021 to HBU VOR/DME.

DOVE CREEK TRANSITION (ROCKI4.DVC): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME, then on MTJ R-218 and DVC R-035 to DVC VORTAC.

KREMMLING TRANSITION (ROCKI4.RLG): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME.

MEEKER TRANSITION (ROCKI4.EKR): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME, then on RLG R-260 and EKR R-078 to EKR VOR/DME.

MONTROSE TRANSITION (ROCKI4.MTJ): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME.

RED TABLE TRANSITION (ROCKI4.DBL): From over DEN VOR/DME on DEN R-254 and DBL R-062 to DBL VOR/DME.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

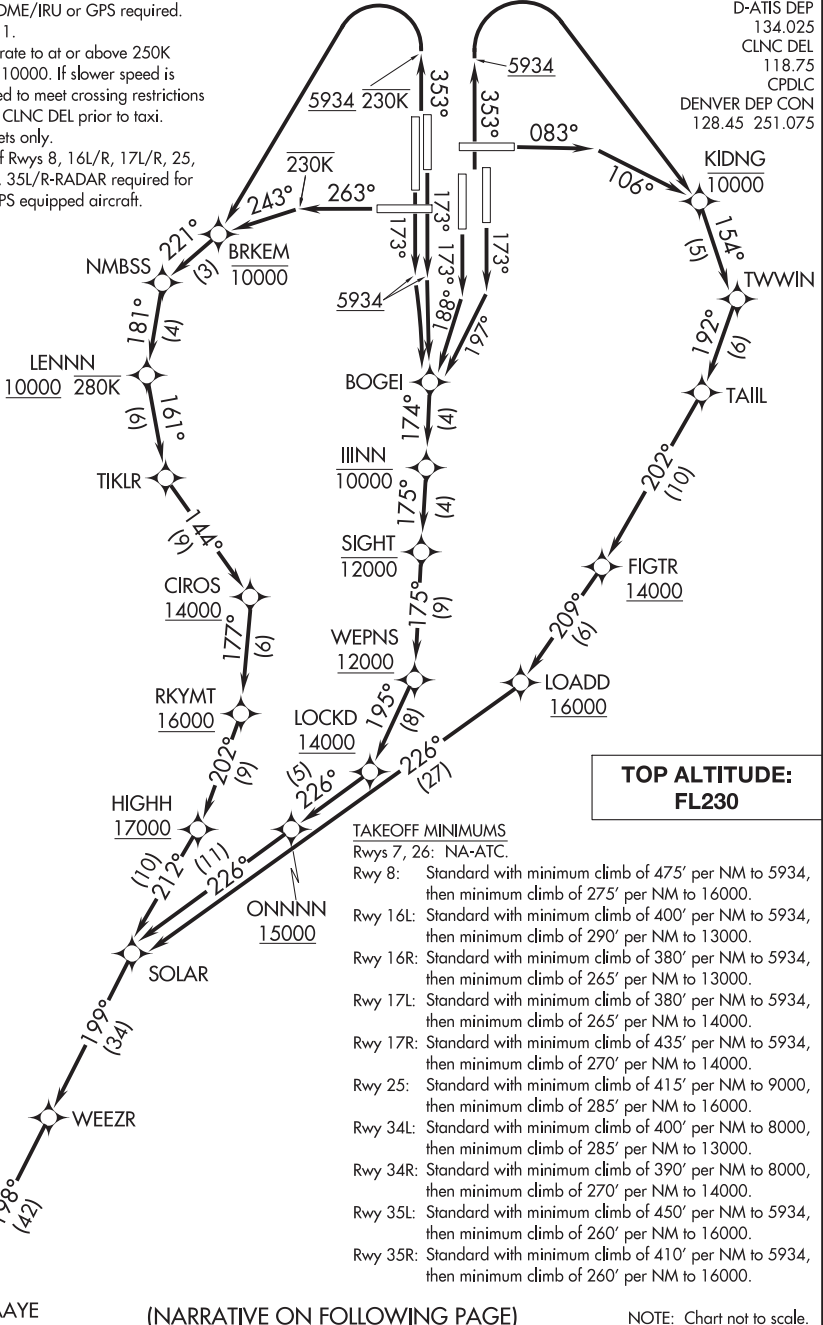


(SOLAR5.DAAYE) 20030  
SOLAR FIVE DEPARTURE (RNAV)

AL-9077 (FAA)  
DENVER INTL (DEN)  
DENVER, COLORADO

NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Accelerate to at or above 250K  
above 10000. If slower speed is  
required to meet crossing restrictions  
advise CLNC DEL prior to taxi.  
NOTE: Turbojets only.  
NOTE: Takeoff Rwy 8, 16L/R, 17L/R, 25,  
34L/R, 35L/R-RADAR required for  
non-GPS equipped aircraft.

D-ATIS DEP  
134.025  
CLNC DEL  
118.75  
CPDLC  
DENVER DEP CON  
128.45 251.075



(NARRATIVE ON FOLLOWING PAGE)  
SOLAR FIVE DEPARTURE (RNAV)  
(SOLAR5.DAAYE) 30JAN20

NOTE: Chart not to scale.  
DENVER, COLORADO  
DENVER INTL (DEN)



(SOLAR5.DAAYE) 20030

## SOLAR FIVE DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAILL, then on track 202° to cross FIGTR at or above 14000, then on track 209° to cross LOADD at or above 16000, then on track 226° to SOLAR. Thence . . . .

TAKEOFF RUNWAY 16L: Climb on heading 173° to 5934 direct BOGEI, then on track 174° to cross IINN at or below 10000, then on track 175° to cross SIGHT at or below 12000, then on track 175° to cross WEPNS at or above 12000, then on track 195° to cross LOCKD at or above 14000, then on track 226° to cross ONNNN at or above 15000, then on track 226° to SOLAR. Thence . . . .

TAKEOFF RUNWAY 16R: Climb on heading 173° to 5934, then climbing right turn direct BOGEI, then on track 174° to cross IINN at or below 10000, then on track 175° to cross SIGHT at or below 12000, then on track 175° to cross WEPNS at or above 12000, then on track 195° to cross LOCKD at or above 14000, then on track 226° to cross ONNNN at or above 15000, then on track 226° to SOLAR. Thence . . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 197° to BOGEI, then on track 174° to cross IINN at or below 10000, then on track 175° to cross SIGHT at or below 12000, then on track 175° to cross WEPNS at or above 12000, then on track 195° to cross LOCKD at or above 14000, then on track 226° to cross ONNNN at or above 15000, then on track 226° to SOLAR. Thence . . . .

TAKEOFF RUNWAY 17R: Climb on heading 173° to intercept course 188° to BOGEI, then on track 174° to cross IINN at or below 10000, then on track 175° to cross SIGHT at or below 12000, then on track 175° to cross WEPNS at or above 12000, then on track 195° to cross LOCKD at or above 14000, then on track 226° to cross ONNNN at or above 15000, then on track 226° to SOLAR. Thence . . . .

TAKEOFF RUNWAY 25: Climb on heading 263° at or below 230K to intercept course 243° to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280K, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 177° to cross RKYMT at or above 16000, then on track 202° to cross HIGHH at or above 17000, then on track 212° to SOLAR. Thence . . . .

TAKEOFF RUNWAYS 34L/R: Climb on heading 353° to 5934 at or below 230K, then climbing left turn direct to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280K, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 177° to cross RKYMT at or above 16000, then on track 202° to cross HIGHH at or above 17000, then on track 212° to SOLAR. Thence . . . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAILL, then on track 202° to cross FIGTR at or above 14000, then on track 209° to cross LOADD at or above 16000, then on track 226° to SOLAR. Thence . . . .

. . . . on depicted route to DAAYE. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

## SOLAR FIVE DEPARTURE (RNAV)

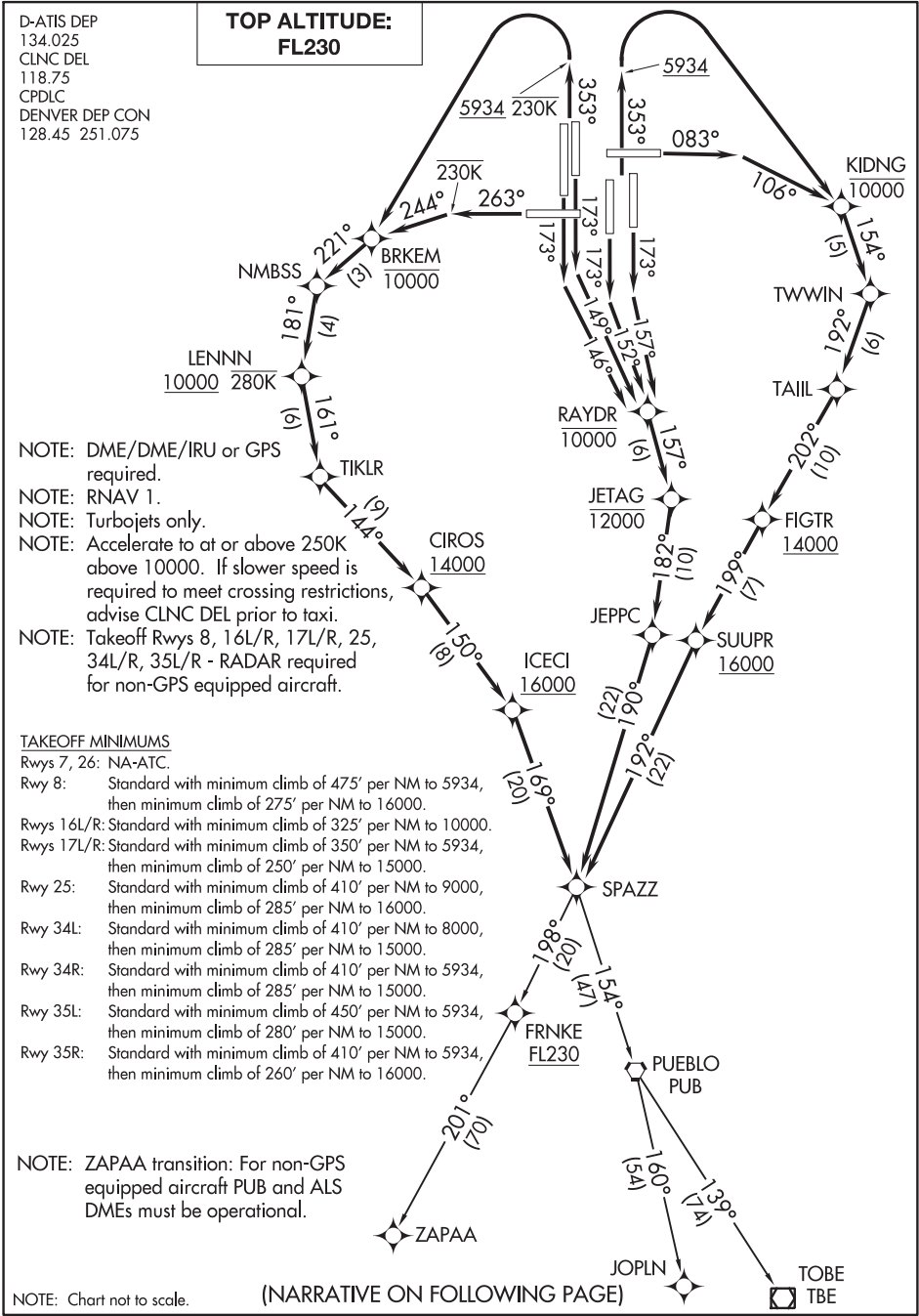
(SOLAR5.DAAYE) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(SPAZZ5.SPAZZ) 20030

## SPAZZ FIVE DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAILL, then on track 202° to cross FIGTR at or above 14000, then on track 199° to cross SUUPR at or above 16000, then on track 192° to SPAZZ, thence . . . .

TAKEOFF RUNWAY 16L: Climb on heading 173° to intercept course 149° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 182° to JEPPC, then on track 190° to SPAZZ, thence . . . .

TAKEOFF RUNWAY 16R: Climb on heading 173° to intercept course 146° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 182° to JEPPC, then on track 190° to SPAZZ, thence . . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 157° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 182° to JEPPC, then on track 190° to SPAZZ, thence . . . .

TAKEOFF RUNWAY 17R: Climb on heading 173° to intercept course 152° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 182° to JEPPC, then on track 190° to SPAZZ, thence . . . .

TAKEOFF RUNWAY 25: Climb on heading 263° at or below 230K to intercept course 244° to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280 KIAS, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at or above 16000, then on track 169° to SPAZZ, thence . . . .

TAKEOFF RUNWAYS 34L/R: Climb on heading 353° to 5934 at or below 230K, then climbing left turn direct to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280K, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at or above 16000, then on track 169° to SPAZZ, thence . . . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAILL, then on track 202° to cross FIGTR at or above 14000, then on track 199° to cross SUUPR at or above 16000, then on track 192° to SPAZZ, thence . . . .

. . . . as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

JOPLN TRANSITION (SPAZZ5.JOPLN)

TOBE TRANSITION (SPAZZ5.TBE)

ZAPAA TRANSITION (SPAZZ5.ZAPAA)

## SPAZZ FIVE DEPARTURE (RNAV)

(SPAZZ5.SPAZZ) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



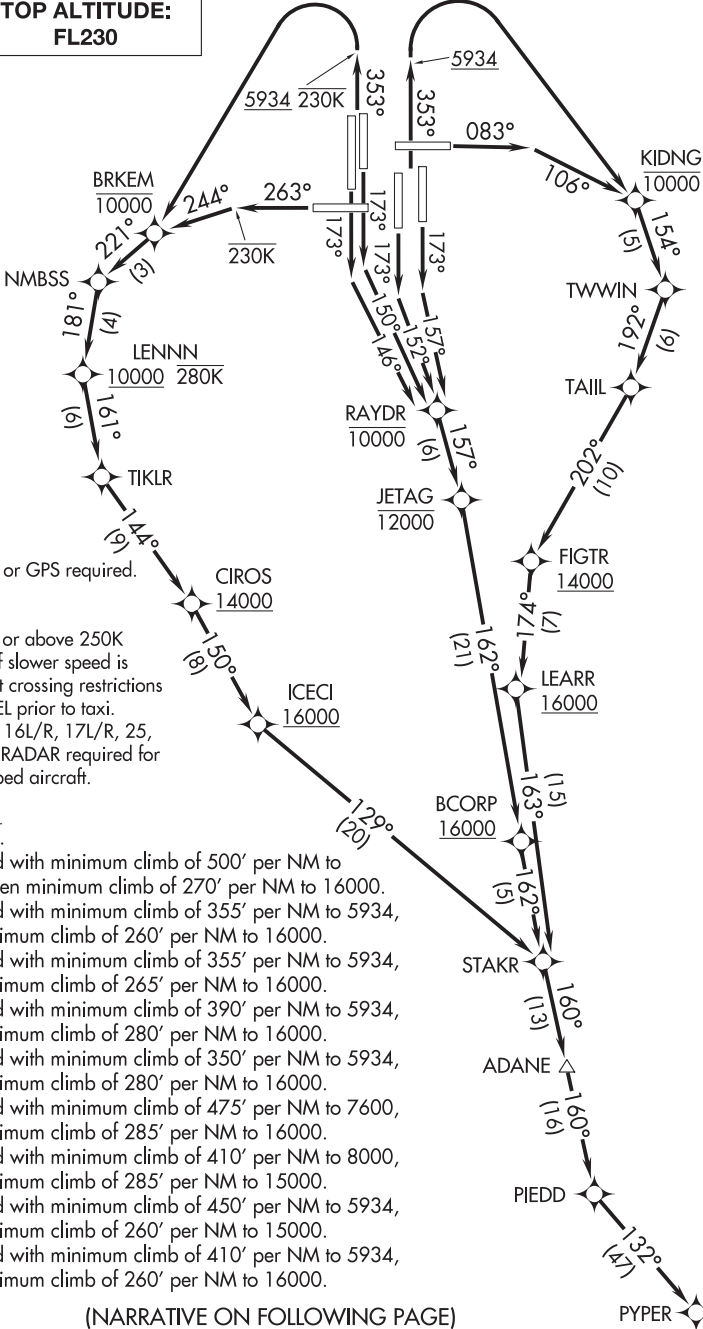
STAKR FIVE DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

D-ATIS DEP  
134.025  
CLNC DEL  
118.75  
CPDLC  
DENVER DEP CON  
128.45 251.075

TOP ALTITUDE:  
FL230



NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.  
NOTE: Takeoff Rwy 8, 16L/R, 17L/R, 25, 34L/R, 35L/R - RADAR required for non-GPS equipped aircraft.

TAKEOFF MINIMUMS

- Rwys 7, 26: NA-ATC.  
Rwy 8: Standard with minimum climb of 500' per NM to 5934, then minimum climb of 270' per NM to 16000.  
Rwy 16L: Standard with minimum climb of 355' per NM to 5934, then minimum climb of 260' per NM to 16000.  
Rwy 16R: Standard with minimum climb of 355' per NM to 5934, then minimum climb of 265' per NM to 16000.  
Rwy 17L: Standard with minimum climb of 390' per NM to 5934, then minimum climb of 280' per NM to 16000.  
Rwy 17R: Standard with minimum climb of 350' per NM to 5934, then minimum climb of 280' per NM to 16000.  
Rwy 25: Standard with minimum climb of 475' per NM to 7600, then minimum climb of 285' per NM to 16000.  
Rwys 34L/R: Standard with minimum climb of 410' per NM to 8000, then minimum climb of 285' per NM to 15000.  
Rwy 35L: Standard with minimum climb of 450' per NM to 5934, then minimum climb of 260' per NM to 15000.  
Rwy 35R: Standard with minimum climb of 410' per NM to 5934, then minimum climb of 260' per NM to 16000.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

STAKR FIVE DEPARTURE (RNAV)

(STAKR5.PYPER) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)



(STAKR5.PYPER) 20030

## STAKR FIVE DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAILL, then on track 202° to cross FIGTR at or above 14000, then on track 174° to cross LEARR at or above 16000, then on track 163° to STAKR, thence . . .

TAKEOFF RUNWAY 16L: Climb on heading 173° to intercept course 150° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 162° to cross BCORP at or above 16000, then on track 162° to STAKR, thence . . .

TAKEOFF RUNWAY 16R: Climb on heading 173° to intercept course 146° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 162° to cross BCORP at or above 16000, then on track 162° to STAKR, thence . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 157° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 162° to cross BCORP at or above 16000, then on track 162° to STAKR, thence . . .

TAKEOFF RUNWAY 17R: Climb on heading 173° to intercept course 152° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 162° to cross BCORP at or above 16000, then on track 162° to STAKR, thence . . .

TAKEOFF RUNWAY 25: Climb on heading 263° at or below 230K until intercepting course 244° to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° at or below 280K to cross LENNN at or above 10000, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at or above 16000, then on track 129° to STAKR, thence . . .

TAKEOFF RUNWAYS 34L/R: Climb on heading 353° at or below 230K to 5934, then climbing left turn direct to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° at or below 280K to cross LENNN at or above 10000, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at or above 16000, then on track 129° to STAKR, thence . . .

TAKEOFF RUNWAYS 35L/R: Climb on heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAILL, then on track 202° to cross FIGTR at or above 14000, then on track 174° to cross LEARR at or above 16000, then on track 163° to STAKR, thence . . .

. . . on depicted route to PYPER. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

STAKR FIVE DEPARTURE (RNAV)

(STAKR5.PYPER) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

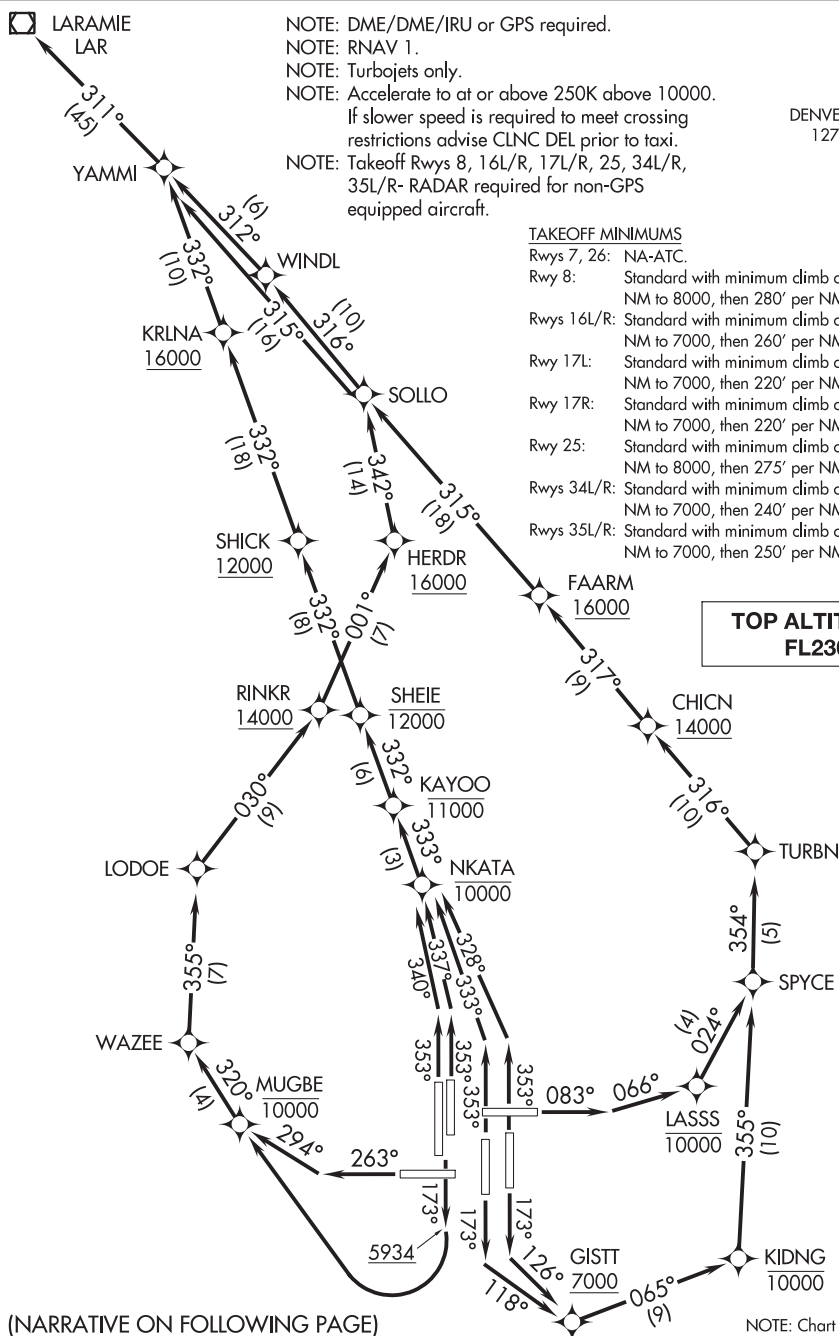


NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.  
NOTE: Takeoff Rwy's 8, 16L/R, 17L/R, 25, 34L/R, 35L/R- RADAR required for non-GPS equipped aircraft.

## TAKEOFF MINIMUMS

Rwys 7, 26:	NA-ATC.
Rwy 8:	Standard with minimum climb of 410' per NM to 8000, then 280' per NM to 16000.
Rwys 16L/R:	Standard with minimum climb of 400' per NM to 7000, then 260' per NM to 16000.
Rwy 17L:	Standard with minimum climb of 410' per NM to 7000, then 220' per NM to 15000.
Rwy 17R:	Standard with minimum climb of 455' per NM to 7000, then 220' per NM to 15000.
Rwy 25:	Standard with minimum climb of 400' per NM to 8000, then 275' per NM to 16000.
Rwys 34L/R:	Standard with minimum climb of 500' per NM to 7000, then 240' per NM to 12000.
Rwys 35L/R:	Standard with minimum climb of 400' per NM to 7000, then 250' per NM to 12000.

**TOP ALTITUDE:**  
FL230



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

## YAMMI FIVE DEPARTURE (RNAV)

(YAMMI5.LAR) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)



(YAMMI5.LAR) 20030

## YAMMI FIVE DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)

DENVER, COLORADO



## DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAY 8:** Climb on heading 083° to intercept course 066° to cross LASSS at or below 10000, then on track 024° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 315° to SOLLO, then on track 316° to WINDL, then on track 312° to YAMMI, thence. . . .

**TAKEOFF RUNWAYS 16L/R:** Climb on heading 173° to 5934, then right turn direct to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 001° to cross HERDR at or above 16000, then on track 342° to SOLLO, then on track 315° to YAMMI, thence. . . .

**TAKEOFF RUNWAY 17L:** Climb on heading 173° to intercept course 126° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 315° to SOLLO, then on track 316° to WINDL, then on track 312° to YAMMI, thence. . . .

**TAKEOFF RUNWAY 17R:** Climb on heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 315° to SOLLO, then on track 316° to WINDL, then on track 312° to YAMMI, thence. . . .

**TAKEOFF RUNWAY 25:** Climb on heading 263° to intercept course 294° to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 001° to cross HERDR at or above 16000, then on track 342° to SOLLO, then on track 316° to WINDL, then on track 312° to YAMMI, thence. . . .

**TAKEOFF RUNWAY 34L:** Climb on heading 353° to intercept course 340° to cross NKATA at or below 10000, then on track 333° to cross KAYOO at or below 11000, then on track 332° to cross SHEIE at or below 12000, then on track 332° to cross SHICK at or above 12000, then on track 332° to cross KRLNA at or above 16000, then on track 332° to YAMMI, thence. . . .

**TAKEOFF RUNWAY 34R:** Climb on heading 353° to intercept course 337° to cross NKATA at or below 10000, then on track 333° to cross KAYOO at or below 11000, then on track 332° to cross SHEIE at or below 12000, then on track 332° to cross SHICK at or above 12000, then on track 332° to cross KRLNA at or above 16000, then on track 332° to YAMMI, thence. . . .

**TAKEOFF RUNWAY 35L:** Climb on heading 353° to intercept course 333° to cross NKATA at or below 10000, then on track 333° to cross KAYOO at or below 11000, then on track 332° to cross SHEIE at or below 12000, then on track 332° to cross SHICK at or above 12000, then on track 332° to cross KRLNA at or above 16000, then on track 332° to YAMMI, thence. . . .

**TAKEOFF RUNWAY 35R:** Climb on heading 353° to intercept course 328° to cross NKATA at or below 10000, then on track 333° to cross KAYOO at or below 11000, then on track 332° to cross SHEIE at or below 12000, then on track 332° to cross SHICK at or above 12000, then on track 332° to cross KRLNA at or above 16000, then on track 332° to YAMMI, thence. . . .

. . . then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

## YAMMI FIVE DEPARTURE (RNAV)

(YAMMI5.LAR) 30JAN20

DENVER, COLORADO

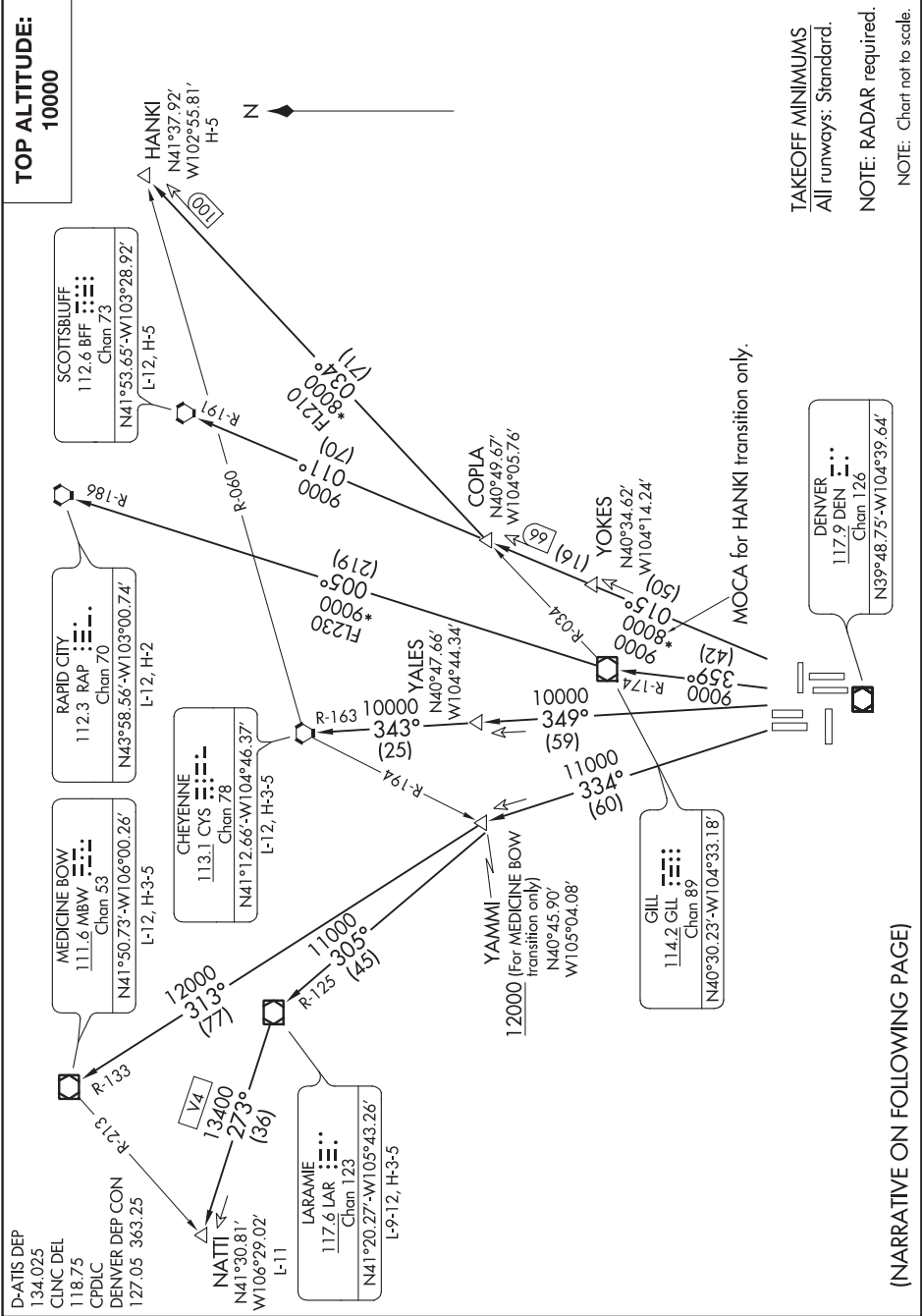
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned transition. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

CHEYENNE TRANSITION (YELLO3.CYS): From over DEN VOR/DME on DEN R-349 and CYS R-163 to CYS VORTAC.

HANKI TRANSITION (YELLO3.HANKI): From over DEN VOR/DME on DEN R-015 and GLL R-034 to HANKI.

LARAMIE TRANSITION (YELLO3.LAR): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME.

MEDICINE BOW TRANSITION (YELLO3.MBW): From over DEN VOR/DME on DEN R-334 and MBW R-133 to MBW VOR/DME.

NATTI TRANSITION (YELLO3.NATTI): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME, then on LAR R-273 to NATTI.

RAPID CITY TRANSITION (YELLO3.RAP): From over DEN VOR/DME on DEN R-359 and GLL R-174 to GLL VOR/DME, then on GLL R-005 and RAP R-186 to RAP VORTAC.

SCOTTSBLUFF TRANSITION (YELLO3.BFF): From over DEN VOR/DME on DEN R-015 and BFF R-191 to BFF VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(YOKES7.YOKES) 20030

YOKES SEVEN DEPARTURE (RNAV)

AL-9077 (FAA)

DENVER INTL (DEN)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 066° to cross LASSS at or below 10000, then on track 024° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKIMM at or above 16000, then on track 028° to BTENL, then on track 028° to YOKES, thence. . . .

TAKEOFF RUNWAYS 16L/R: Climb on heading 173° to 5934, then right turn direct to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 041° to cross ELCEE at or above 16000, then on track 042° to YOKES, thence. . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 125° to cross GISTT at or above 7000 and at/below 250K, then on track 065° to cross KIDNG at or below 10000, then on track 355° to cross GINTH at or below 11000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKIMM at or above 16000, then on track 028° to BTENL, then on track 028° to YOKES, thence. . . .

TAKEOFF RUNWAY 17R: Climb on heading 173° to intercept course 119° to cross GISTT at or above 7000 and at/below 250K, then on track 065° to cross KIDNG at or below 10000, then on track 355° to cross GINTH at or below 11000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKIMM at or above 16000, then on track 028° to BTENL, then on track 028° to YOKES, thence. . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to intercept course 294° to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 041° to cross ELCEE at or above 16000, then on track 042° to YOKES, thence. . . .

TAKEOFF RUNWAY 34L: Climb on heading 353° to intercept course 025° to cross IRIIS at or below 10000, then on track 019° to cross VELAA at or above 12000, then on track 019° to YOKES, thence. . . .

TAKEOFF RUNWAY 34R: Climb on heading 353° to intercept course 023° to cross IRIIS at or below 10000, then on track 019° to cross VELAA at or above 12000, then on track 019° to YOKES, thence. . . .

TAKEOFF RUNWAY 35L: Climb on heading 353° to intercept course 011° to cross IRIIS at or below 10000, then on track 019° to cross VELAA at or above 12000, then on track 019° to YOKES, thence. . . .

TAKEOFF RUNWAY 35R: Climb on heading 353° to intercept course 007° to cross IRIIS at or below 10000, then on track 019° to cross VELAA at or above 12000, then on track 019° to YOKES, thence. . . .

. . . .then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

CHICI TRANSITION (YOKES7.CHICI)

SCOTTSBLUFF TRANSITION (YOKES7.BFF)

YOKES SEVEN DEPARTURE (RNAV)

(YOKES7.YOKES) 30JAN20

DENVER, COLORADO  
DENVER INTL (DEN)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC	I-BJC	APP CRS	Rwy Idg	30R	30L
			TDZE	9000	7002
			Apt Elev	5599	5628
				5673	5673

ILS or LOC RWY 30R  
ROCKY MOUNTAIN METROPOLITAN (BJC)

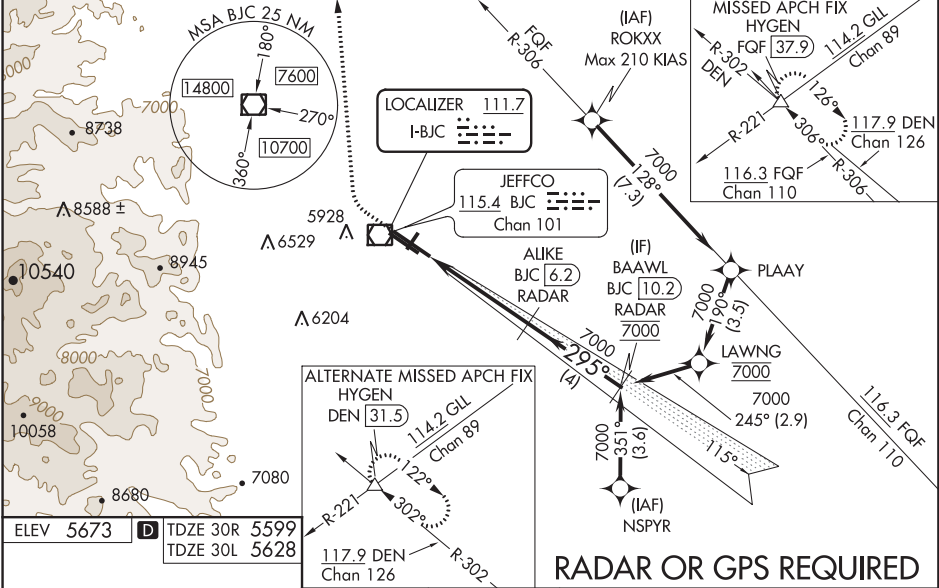
**DME** from BJC VOR/DME. Simultaneous reception of I-BJC and BJC DME required. DME or **NA** RADAR required. When local altimeter setting not received, use Denver Intl altimeter setting and increase all DA 82 feet and all MDA 100 feet. Increase S-ILS 30R all Cats visibility  $\frac{3}{8}$  mile. Increase S-LOC 30R Cats B/C/D visibility  $\frac{1}{4}$  mile. Increase Sidestep R30L Cats A/B visibility  $\frac{1}{4}$  mile, Cats C/D visibility  $\frac{1}{2}$  mile and Circling Cat C visibility  $\frac{1}{4}$  mile. For inoperative MALSR, increase S-ILS 30R all Cats visibility  $\frac{1}{2}$  mile and increase S-LOC 30R Cat C/D visibility  $\frac{3}{8}$  mile. For inoperative MALSR, when using Denver Intl altimeter setting, increase S-ILS 30R all Cats visibility to  $2\frac{1}{4}$  miles. Increase S-LOC 30R Cat B visibility to  $1\frac{1}{4}$  mile and Cats C/D visibility to  $2\frac{1}{2}$  miles. For inoperative MALSR, when using Denver Intl altimeter setting, increase S-ILS 30R\* all Cats visibility to 1 mile.  
\*Missed approach requires a minimum climb of 240 feet per NM to 9700.

MALSR



**MISSED APPROACH:**  
Climb to 6380 then climbing right turn to 10200 on heading 360° and on FQF VORTAC R-306 to HYGEN INT/FQF 37.9 DME and hold, continue climb-in-hold to 10200.

ATIS	DENVER APP CON	METRO TOWER *	GND CON	CLNC DEL
126.25	126.1 360.75	118.6 (CTAF) 0 233.7	121.7	132.6



ELEV	5673	TDZE 30R	5599	TDZE 30L	5628
HIRL Rwy 12L-30R					
MIRL Rwy 3-21 and 12R-30L					
REIL Rwy 12L, 12R and 30L					
FAF to MAP	4.3 NM				
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26
CIRCLING	6340-1	667 (700-1)	6360-2	687 (700-2)	6860-3



DENVER, COLORADO

AL-5612 (FAA)

19171

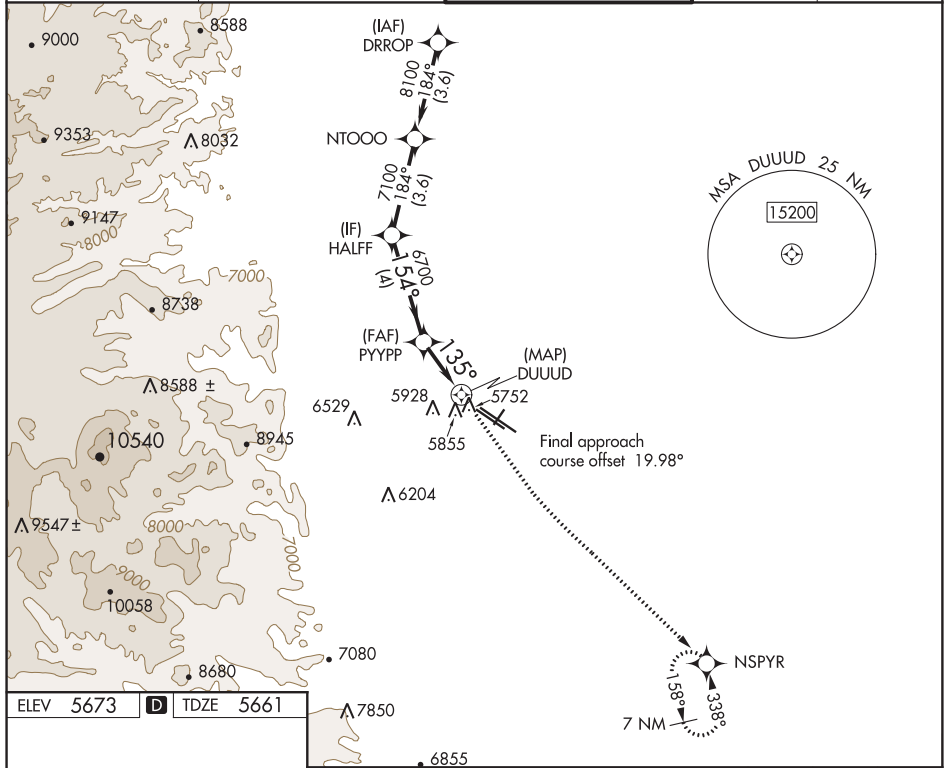
WAAS CH <b>77938</b> <b>W12A</b>	APP CRS <b>135°</b>	Rwy ldg <b>9000</b> TDZE <b>5661</b> Apt Elev <b>5673</b>
--	------------------------	---

# RNAV (GPS) RWY 12L

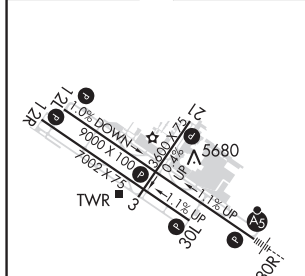
ROCKY MOUNTAIN METROPOLITAN (BJC)

	DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 6200 then climbing left turn to 8700 direct NSPYR and hold.
--	---------------------	---

ATIS <b>126.25</b>	DENVER APP CON <b>126.1 360.75</b>	METRO TOWER ★ <b>118.6 (CTAF) 233.7</b>	GND CON <b>121.7</b>	CLNC DEL <b>132.6</b>
-----------------------	---------------------------------------	--	-------------------------	--------------------------



ELEV <b>5673</b>		TDZE <b>5661</b>
------------------	--	------------------



HIRL Rwy 12L-30R   
MIRL Rwy 3-21 and 12R-30L   
REIL Rwy 12L, 12R and 30L

HALFF		PYPP		DUUUD	
7100		6700		6200	
154°		135°		338°	
4 NM		2.3 NM		0.8 NM	
CATEGORY	A	B	C	D	
LP MDA	6020-1		359 (400-1)		
LNAV MDA	6120-1	459 (500-1)	6120-1 3/8	459 (500-1 3/8)	
CIRCLING	6180-1 507 (600-1)	6240-1 567 (600-1)	6360-2 687 (700-2)	6860-3 1187 (1200-3)	

DENVER, COLORADO

Orig 17AUG17

ROCKY MOUNTAIN METROPOLITAN (BJC)

39°55'N-105°07'W

# RNAV (GPS) RWY 12L

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







DENVER, COLORADO

AL-5612 (FAA)

19171

WAAS CH <b>82707</b> <b>W30B</b>	APP CRS <b>295°</b>	Rwy Idg TDZE <b>5599</b> Apt Elev <b>5673</b>
--	------------------------	---

# RNAV (GPS) RWY 30R

## ROCKY MOUNTAIN METROPOLITAN (BJC)

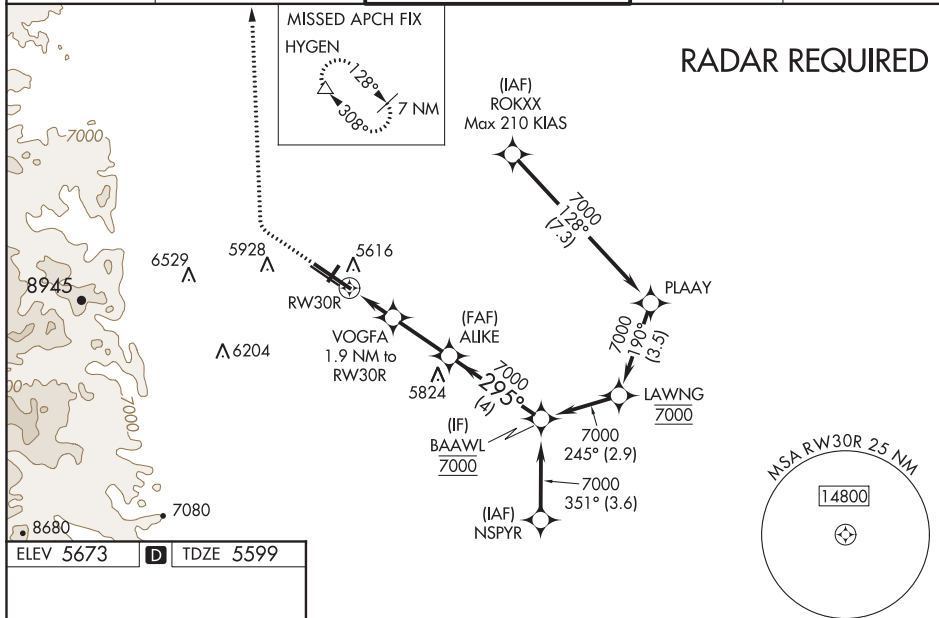
**NA** Baro-VNAV and VDP NA when using Denver Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -26°C (-14°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Denver Intl altimeter setting and increase all DA 82 feet and all MDA 100 feet, increase LNAV/VNAV all Cats, LNAV Cat C/D and Circling Cat C visibility ½ mile. For inoperative MALSR, increase LNAV/VNAV all Cats visibility to 1 ½ mile and LNAV Cat C/D visibility to 1 mile. For inoperative MALSR, when using Denver Intl altimeter setting, increase LPV all Cats visibility to 1 mile, LNAV/VNAV all Cats visibility to 1 ½ mile and LNAV Cat A/B visibility to 1 mile and Cat C/D visibility to 1 ½ mile.

MALSR



**MISSED APPROACH:** Climb to 6300 then climbing right turn to 10300 direct HYGEM and hold, continue climb-in-hold to 10300.

ATIS <b>126.25</b>	DENVER APP CON <b>126.1 360.75</b>	METRO TOWER ★ <b>118.6 (CTAF) 233.7</b>	GND CON <b>121.7</b>	CLNC DEL <b>132.6</b>
-----------------------	---------------------------------------	--	-------------------------	--------------------------



6300	10300	HYGEM	ALIJE	BAAWL
↑	↗	△	7000	
*LNAV only.		VOGFA 1.9 NM to RW30R	295°	7000
RW30R		1 NM to RW30R	6220*	GP 3.00° TCH 52
-1 NM - 0.9 - 2.4 NM - 4 NM				
CATEGORY	A	B	C	D
LPV DA	5799-½ 200 (200-½)			
LNAV/VNAV DA	5900-⅝ 301 (300-⅝)			
LNAV MDA	5940-½ 341 (300-½)	5940-⅝ 341 (300-⅝)		
<b>C</b> CIRCLING	6180-1 507 (600-1)	6240-1 567 (600-1)	6360-2 687 (700-2)	6860-3 1187 (1200-3)

DENVER, COLORADO

Amdt 2 13NOV14

ROCKY MOUNTAIN METROPOLITAN (BJC)

39°55'N-105°07'W

# RNAV (GPS) RWY 30R


SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

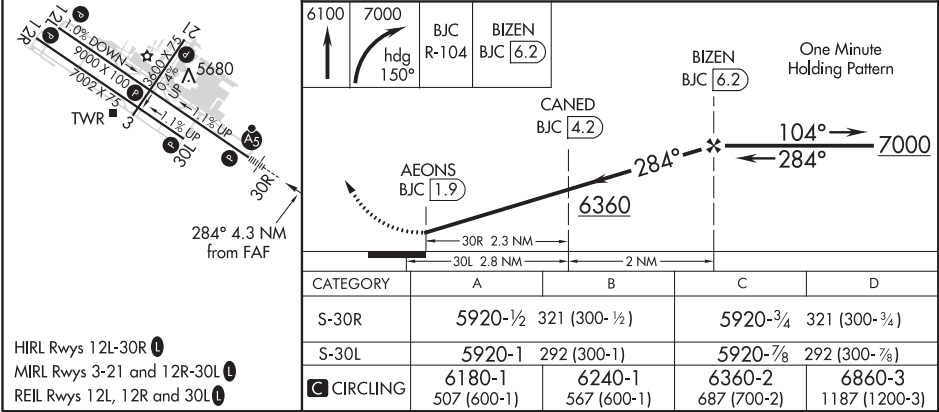
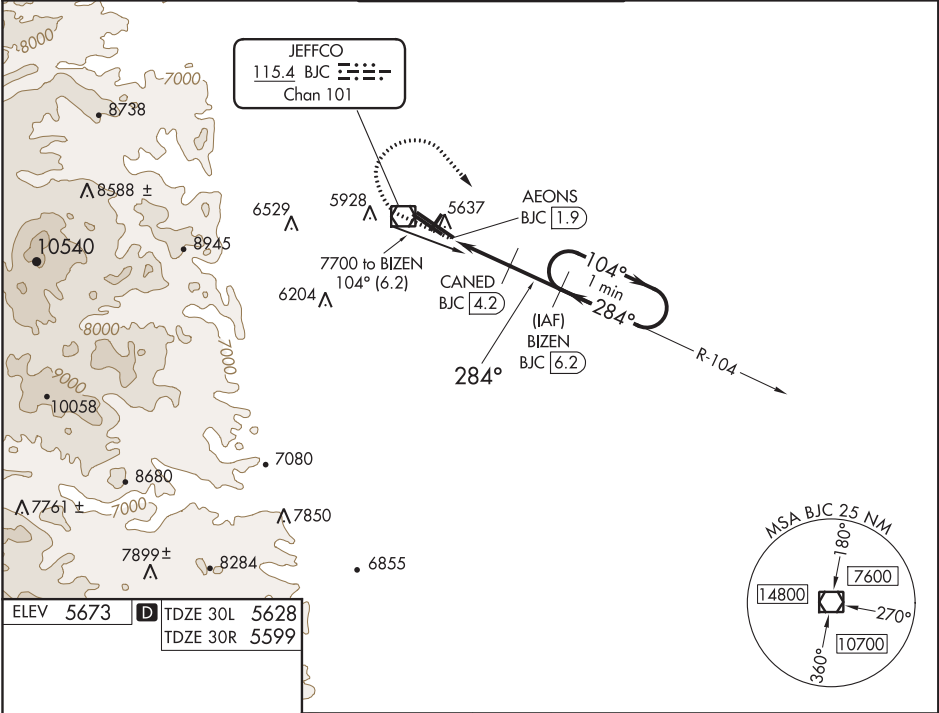


VOR/DME BJC <b>115.4</b> Chan <b>101</b>	APP CRS <b>284°</b>	Rwy Idg TDZE Apt Elev	30L <b>7002</b> <b>5628</b> <b>5673</b>	30R <b>9000</b> <b>5599</b> <b>5673</b>
--	------------------------	-----------------------------	--	--

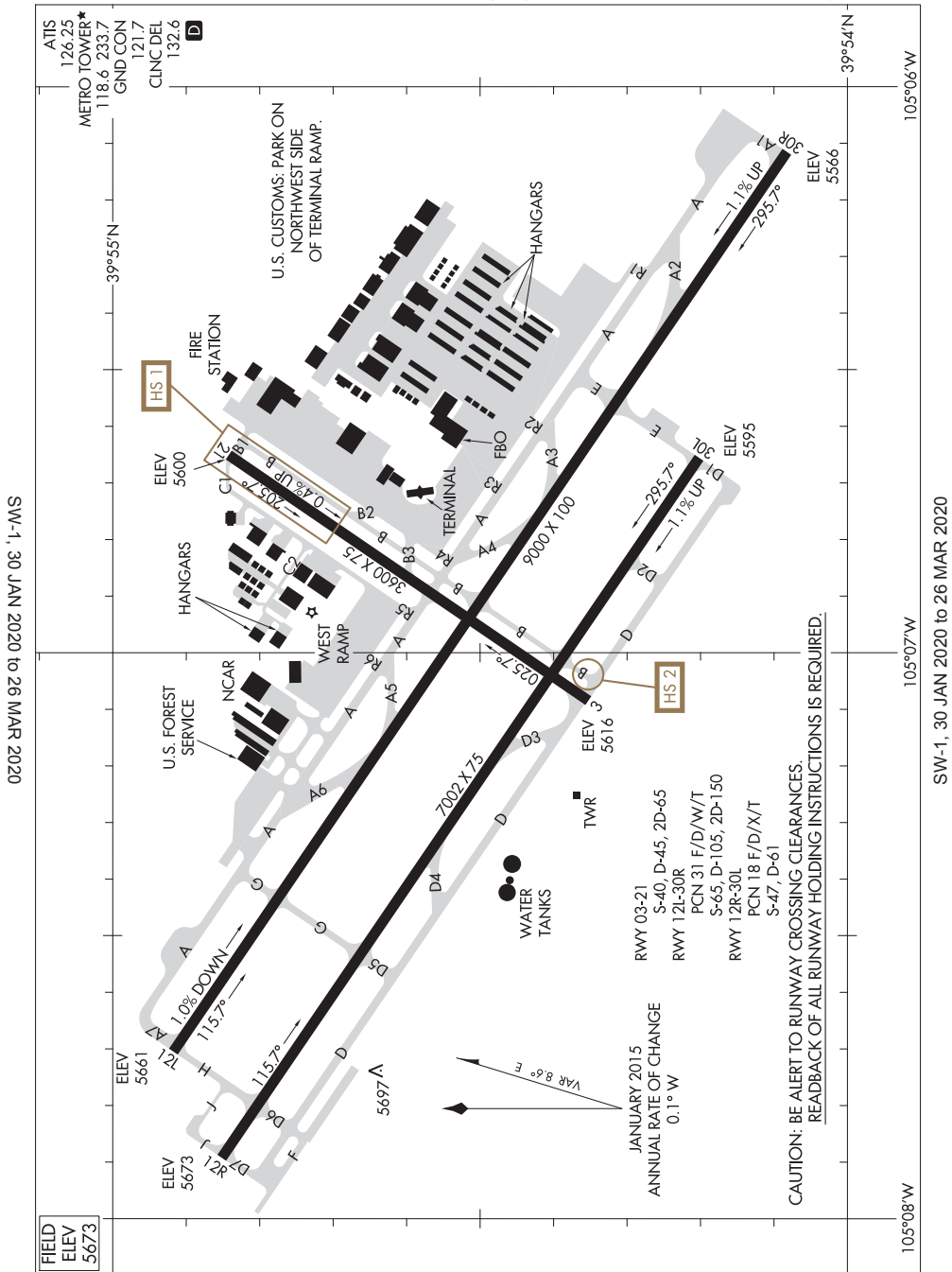
VOR/DME RWY 30L/R  
ROCKY MOUNTAIN METROPOLITAN (B.JC)

<b>NA</b> When local altimeter setting not received, use Denver Intl altimeter setting and increase all MDA 100 feet. Increase S-30L Cats C/D visibility to 1 mile and Circling Cat C to 2½ mile. For inoperative MALSR, increase S-30R all Cats visibility to 1 mile. For inoperative MALSR, when using Denver Intl altimeter setting, increase S-30R Cats C/D visibility to 1½ mile.	MALSR Rwy 30R 	MISSED APPROACH: Climb to 6100 then climbing right turn to 7000 on heading 150° and on BJC VOR/DME R-104 to BIZEN/BJC 6.2 DME and hold.
---	---	---

ATIS <b>126.25</b>	DENVER APP CON <b>126.1 360.75</b>	METRO TOWER * <b>118.6(CTAF) 233.7</b>	GND CON <b>121.7</b>	CLNC DEL <b>132.6</b>
-----------------------	---------------------------------------	---	-------------------------	--------------------------



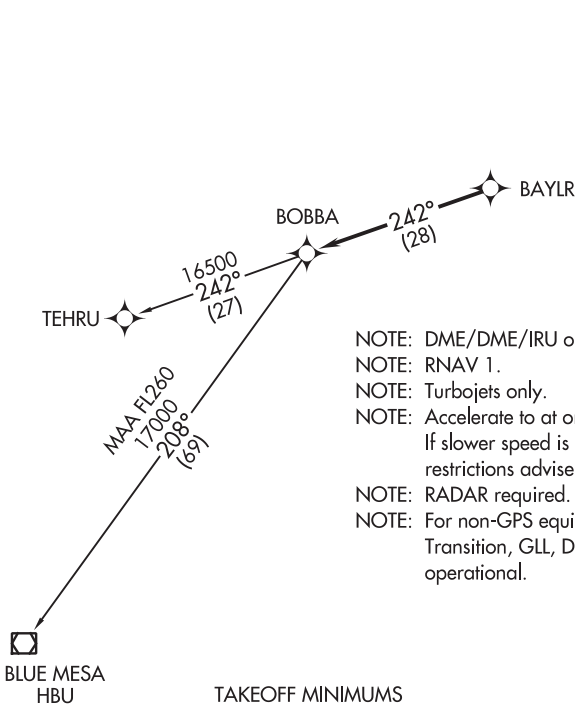






ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

TOP ALTITUDE:  
FL230



- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.
- NOTE: For non-GPS equipped aircraft on the Blue Mesa Transition, GLL, DBL, and HBU DMEs must be operational.

TAKEOFF MINIMUMS  
Rwys 3, 21: NA - ATC.  
Rwys 12L/R: Standard with minimum climb of 285' per NM to 16500.  
Rwys 30L/R: Standard with minimum climb of 260' per NM to 16500.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC, thence. . . .  
TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC, thence. . . .

. . . .RADAR vectors to BAYLR, then on depicted route to BOBBA, maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

BLUE MESA TRANSITION (BAYLR5.HBU)  
TEHRU TRANSITION (BAYLR5.TEHRU)

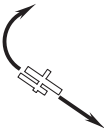
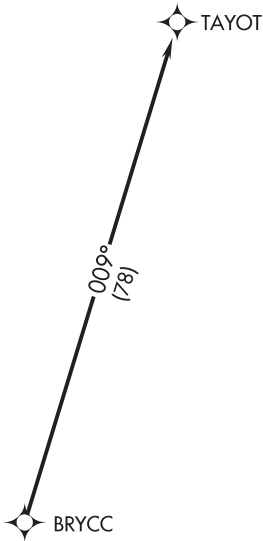


ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

TOP ALTITUDE:  
FL230

NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet crossing  
restrictions advise CLNC DEL prior to taxi.  
NOTE: RADAR required.

TAKEOFF MINIMUMS  
Rwys 3, 21: NA-ATC.  
Rwys 12L/R, 30L/R: Standard.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

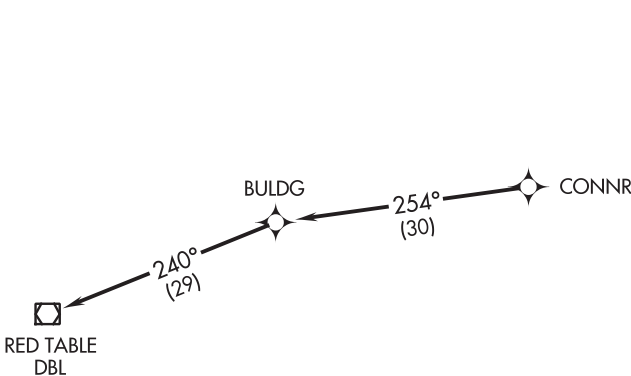
TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC. Thence. . . .  
TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC. Thence. . . .  
. . . .RADAR vectors to BRYCC, then as depicted. Maintain FL230 or filed lower altitude, expect higher altitude 10 minutes after departure.



CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

TOP ALTITUDE:  
FL230

TAKEOFF MINIMUMS:  
Rwys 3, 21: NA-ATC.  
Rwys 12L/R, 30L/R: Standard with minimum climb of 250' per NM to 16500.



- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC. Thence. . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC. Thence. . . .

. . . .RADAR vectors to CONNR. Then on depicted route to DBL VOR/DME.  
Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(COORZ5.VOAXA) 20030

COORZ FIVE DEPARTURE (RNAV)

ROCKY MOUNTAIN METROPOLITAN (BJC)  
DENVER, COLORADO  
AL-5612 (FAA)

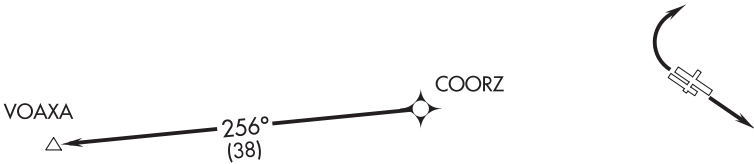
ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

**TOP ALTITUDE:  
FL230**

TAKEOFF MINIMUMS

Rwys 3, 21: NA - ATC.  
Rwys 12L/R: Standard with minimum climb of 275' per NM to 16000.  
Rwys 30L/R: Standard with minimum climb of 250' per NM to 16000.

SW-1, 30 JAN 2020 to 26 MAR 2020



- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

SW-1, 30 JAN 2020 to 26 MAR 2020

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

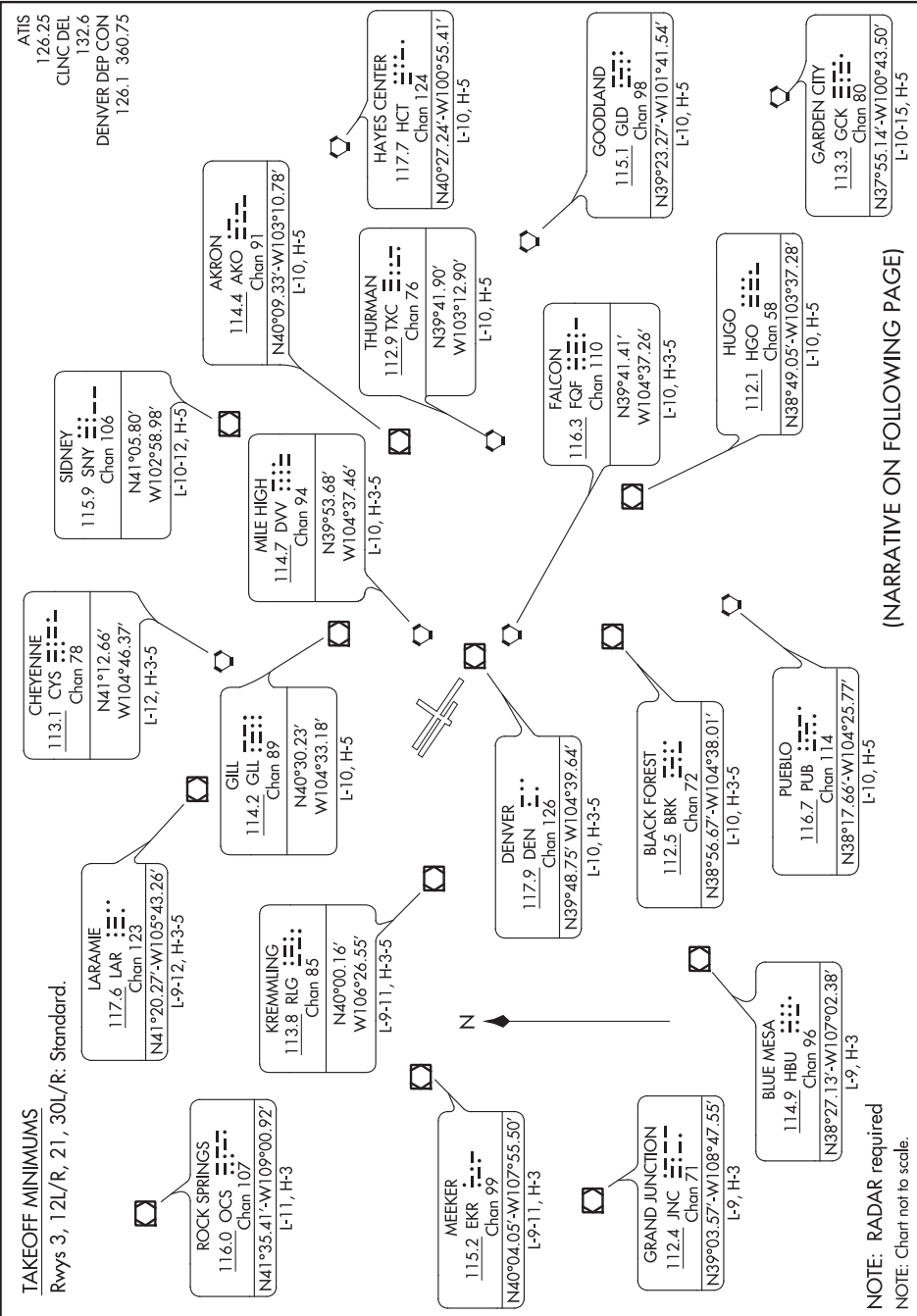
TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC, thence. . . .

. . . .RADAR vectors to COORZ, then on depicted route to VOAXA. Maintain FL230 or filed lower altitude, except higher filed altitude 10 minutes after departure.



SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb to assigned altitude and heading between 350° CW 150° from DER, thence. . . .

TAKEOFF RUNWAYS 12L/R: Climb to assigned altitude and heading between 150° CCW 350° from DER, thence. . . .

TAKEOFF RUNWAY 21: Climbing left turn to assigned altitude and heading between 150° CCW to 024° from DER, thence. . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn to assigned altitude and heading between 350° CW 113° from DER, thence. . . .

. . . .RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned route. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

SW-1, 30 JAN 2020 to 26 MAR 2020

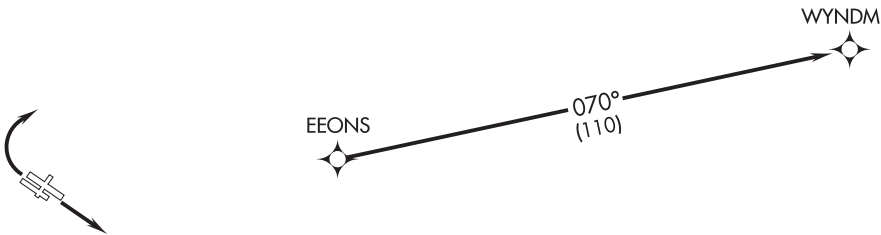
SW-1, 30 JAN 2020 to 26 MAR 2020



ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

TOP ALTITUDE:  
FL230

TAKEOFF MINIMUMS  
Rwys 3, 21: NA - ATC.  
Rwys 12L/R, 30L/R: Standard.



- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1
- NOTE: Turbojets only.
- NOTE: RADAR required.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC, thence. . . .

. . . .RADAR vectors to EEONS, then on depicted route to WYNDM. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(EMMYS7.ZIRKL) 20030

# EMMYS SEVEN DEPARTURE (RNAV)

302

AL-5612 (FAA)

ROCKY MOUNTAIN METROPOLITAN (BJC)

DENVER, COLORADO

ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

**TOP ALTITUDE:**  
**FL230**

## TAKEOFF MINIMUMS

Rwys 3, 21: NA-ATC.

Rwys 12L/R, 30L/R: Standard.



NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: RADAR required.

NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC. Thence. . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC. Thence. . .

. . .RADAR vectors to EMMYS, then on depicted route to ZIRKL. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

EMMYS SEVEN DEPARTURE (RNAV)

(EMMYS7.ZIRKL) 30JAN20

DENVER, COLORADO

ROCKY MOUNTAIN METROPOLITAN (BJC)

SW-1, 30 JAN 2020 to 26 MAR 2020

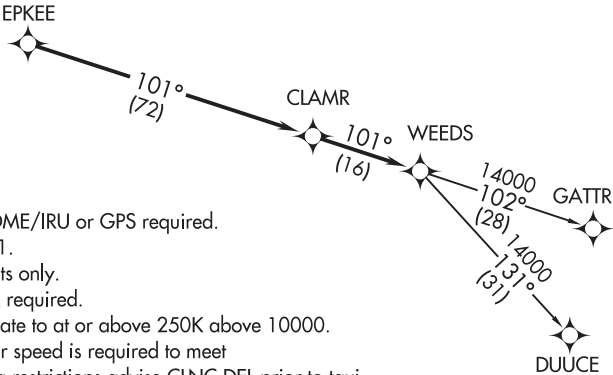
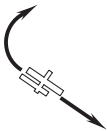
SW-1, 30 JAN 2020 to 26 MAR 2020



ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

TOP ALTITUDE:  
FL230

TAKEOFF MINIMUMS  
Rwys 3, 21: NA-ATC.  
Rwys 12R, 12L, 30R, 30L: Standard.



NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: RADAR required.  
NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet  
crossing restrictions advise CLNC DEL prior to taxi.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L, 12R: Climb on heading between 150° CCW 350° as assigned by ATC, thence. . .

TAKEOFF RUNWAYS 30L, 30R: Climbing right turn heading between 350° CW 113° as assigned by ATC, thence. . .

. . . expect RADAR vectors to EPKEE, then on depicted route to WEEDS, then on (transition). Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

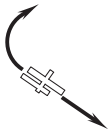
DUUCE TRANSITION (EPKEE6.DUUCE)

GATTR TRANSITION (EPKEE6.GATTR)



ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

TOP ALTITUDE:  
FL230



TAKEOFF MINIMUMS

Rwys 3, 21: NA-ATC.  
Rwys 12L/R, 30L/R: Standard.

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: RADAR required.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: For non-GPS equipped aircraft TXC DME must be operational.

NOTE: Chart not to scale.



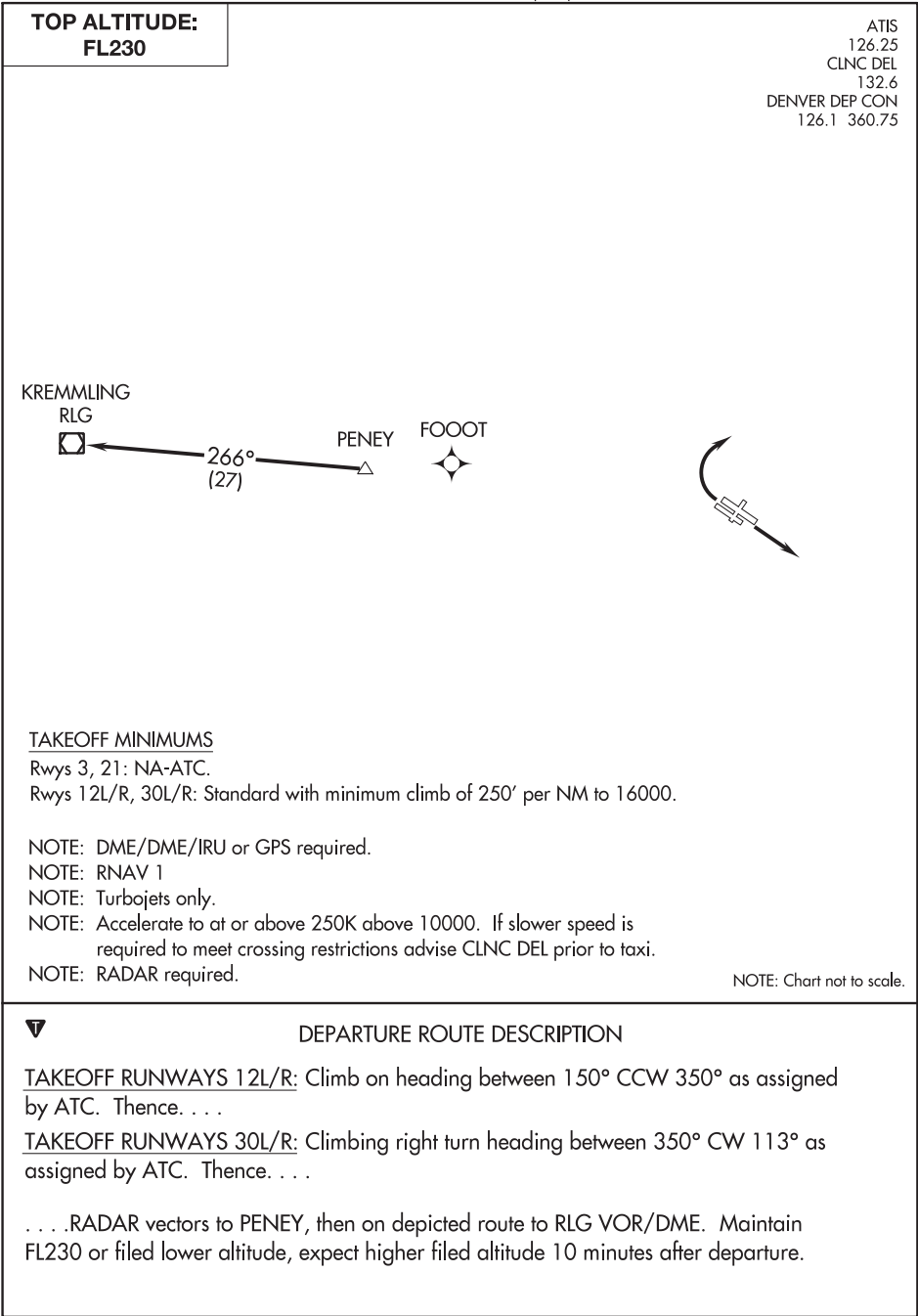
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC, thence . . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC. Thence . . . .

. . . .RADAR vectors to EXTAN, then on depicted route to SHAYK. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.







ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

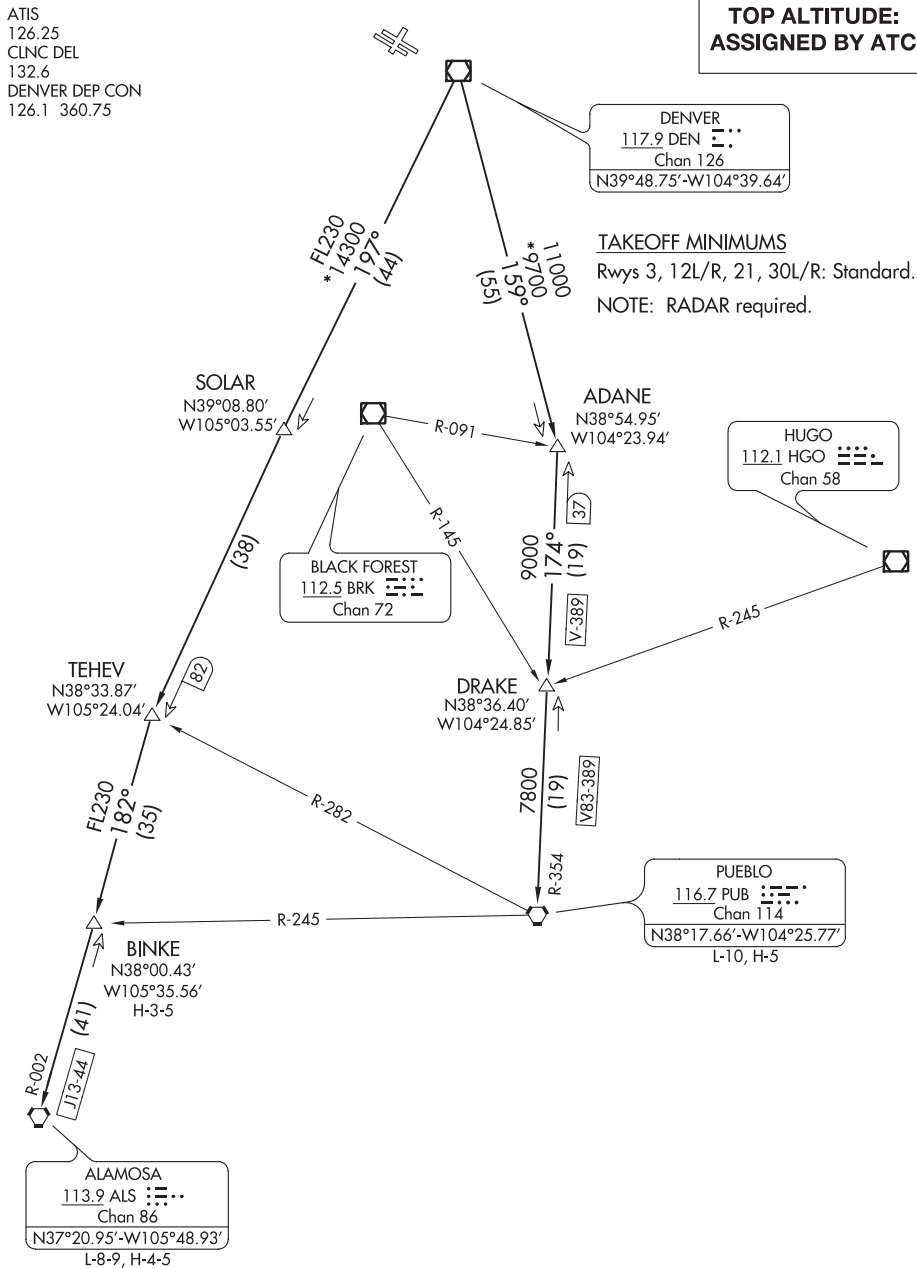
**TOP ALTITUDE:  
ASSIGNED BY ATC**

DENVER  
117.9 DEN  $\overline{\cdot\cdot}$   
Chan 126  
N39°48.75'-W104°39.64'

## TAKEOFF MINIMUMS

Rwys 3, 12L/R, 21, 30L/R: Standard.

NOTE: RADAR required.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

## PIKES TWO DEPARTURE

(PIKES2.DEN) 30JAN20

DENVER, COLORADO

ROCKY MOUNTAIN METROPOLITAN (BJC)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb to assigned altitude and heading between 350° CW 150° from DER, thence . . . .

TAKEOFF RUNWAYS 12L/R: Climb to assigned altitude and heading between 150° CCW 350° from DER, thence . . .

TAKEOFF RUNWAY 21: Climbing left turn to assigned altitude and heading between 150° CCW 024° from DER, thence . . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn to assigned altitude and heading between 350° CW 113° from DER, thence . . . .

. . . .RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

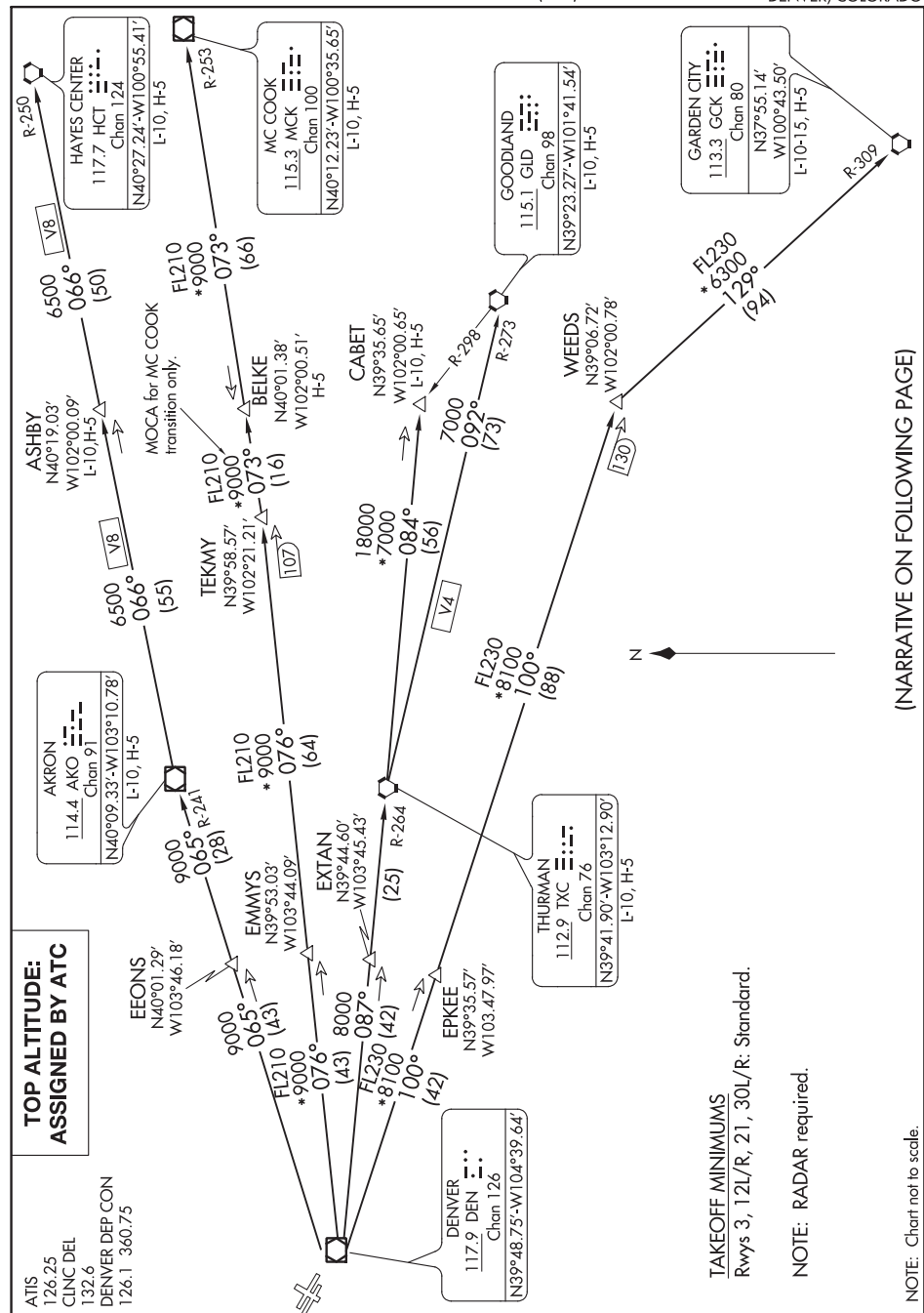
LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

ALAMOSA TRANSITION (PIKES2.ALS): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to ALS VORTAC.

BINKE TRANSITION (PIKES2.BINKE): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to BINKE.

PUEBLO TRANSITION (PIKES2.PUB): From over DEN VOR/DME on DEN R-159 to ADANE, then on PUB R-354 to PUB VORTAC.





NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020



T	DEPARTURE ROUTE DESCRIPTION
	<p><u>TAKEOFF RUNWAY 3:</u> Climb to assigned altitude and heading between 350° CW 150° from DER, Thence. . . .</p> <p><u>TAKEOFF RUNWAYS 12L/R:</u> Climb to assigned altitude and heading between 150° CCW 350° from DER. Thence. . . .</p> <p><u>TAKEOFF RUNWAY 21:</u> Climbing left turn to assigned altitude and heading between 150° CCW to 024° from DER. Thence. . . .</p> <p><u>TAKEOFF RUNWAYS 30L/R:</u> Climbing right turn to assigned altitude and heading between 350° CW 113° from DER. Thence. . . .</p> <p>. . . .RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.</p> <p><u>LOST COMMUNICATIONS:</u> If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.</p> <p><u>AKRON TRANSITION (PLAIN1.AKO):</u> From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME.</p> <p><u>ASHBY TRANSITION (PLAIN1.ASHBY):</u> From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to ASHBY.</p> <p><u>BELKE TRANSITION (PLAIN1.BELKE):</u> From over DEN VOR/DME on DEN R-076 and MCK R-253 to BELKE INT.</p> <p><u>CABET TRANSITION (PLAIN1.CABET):</u> From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-084 to CABET.</p> <p><u>GARDEN CITY TRANSITION (PLAIN1.GCK):</u> From over DEN VOR/DME on DEN R-100 and GCK R-309 to GCK VORTAC.</p> <p><u>GOODLAND TRANSITION (PLAIN1.GLD):</u> From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-092 and GLD R-273 to GLD VORTAC.</p> <p><u>HAYES CENTER TRANSITION (PLAIN1.HCT):</u> From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to HCT VORTAC.</p> <p><u>MCCOOK TRANSITION (PLAIN1.MCK):</u> From over DEN VOR/DME on DEN R-076 to TEKMY, then on MCK R-253 to MCK VOR/DME.</p> <p><u>THURMAN TRANSITION (PLAIN1.TXC):</u> From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC.</p> <p><u>WEEDS TRANSITION (PLAIN1.WEEDS):</u> From over DEN VOR/DME on DEN R-100 to WEEDS.</p>



(RIKKK5.FISAR) 20030

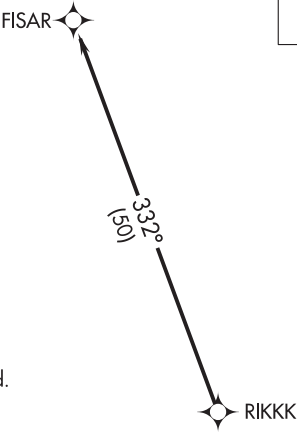
RIKKK FIVE DEPARTURE (RNAV)

ROCKY MOUNTAIN METROPOLITAN (B.JC)  
DENVER, COLORADO

AL-5612 (FAA)

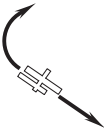
ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

TOP ALTITUDE:  
FL230



- NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.  
NOTE: RADAR required.

TAKEOFF MINIMUMS  
Rwys 3, 21: NA-ATC.  
Rwys 12L/R, 30L/R: Standard.



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DEPARTURE ROUTE DESCRIPTION

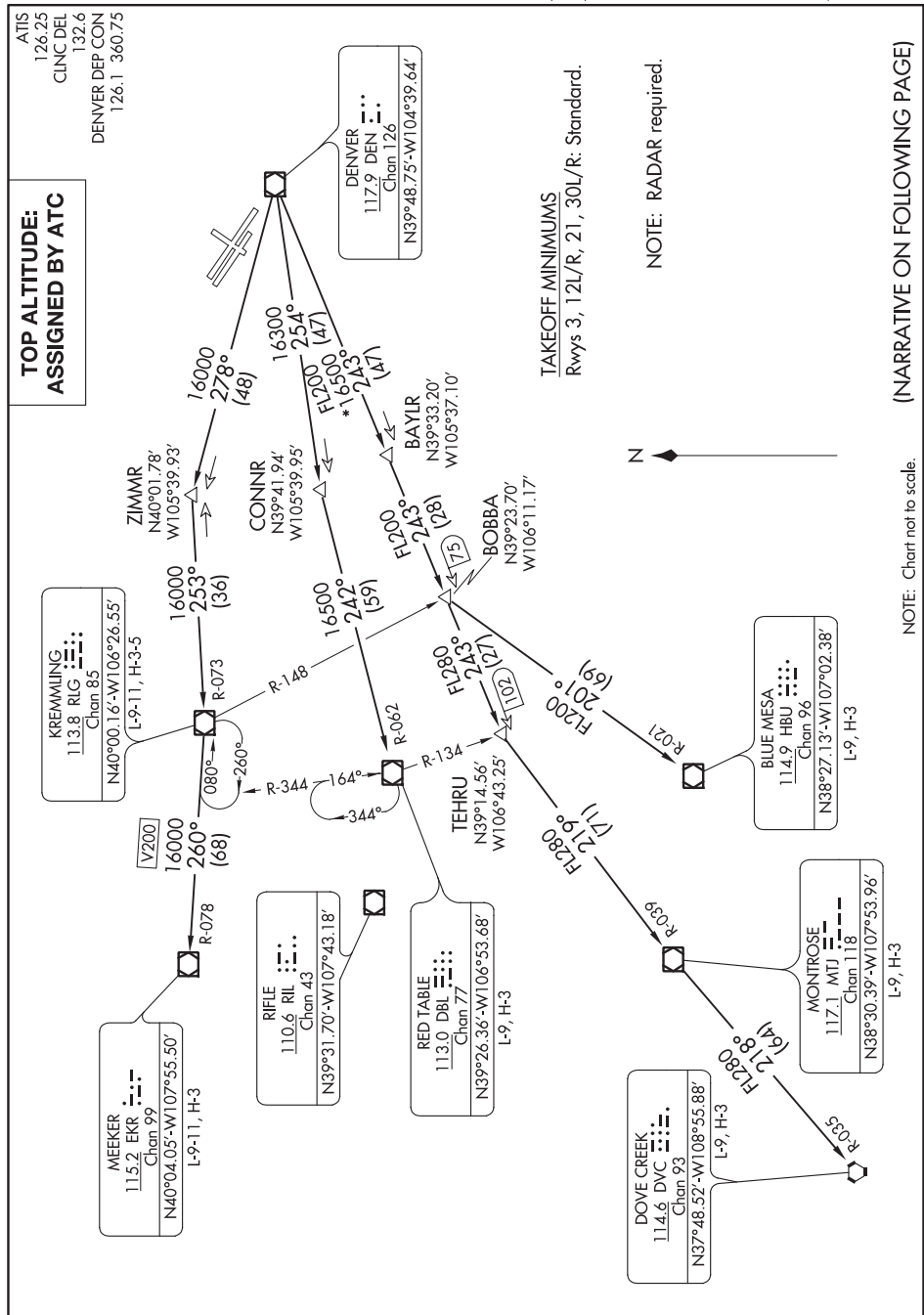
TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC. Thence. . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC. Thence. . . .

. . . .RADAR vectors to RIKKK, then as depicted. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



SW-1, 30 JAN 2020 to 26 MAR 2020





(ROCKI4.DEN) 18256

## ROCKIES FOUR DEPARTURE

AL-5612 (FAA)

ROCKY MOUNTAIN METROPOLITAN (BJC)  
DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb to assigned altitude and heading between 350° CW 150° from DER, thence. . . .

TAKEOFF RUNWAYS 12L/R: Climb to assigned altitude and heading between 150° CCW 350° from DER, thence. . . .

TAKEOFF RUNWAY 21: Climbing left turn to assigned altitude and heading between 150° CCW to 024° from DER, thence. . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn to assigned altitude and heading between 350° CW 113° from DER, thence. . . .

. . . .RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

BLUE MESA TRANSITION (ROCKI4.HBU): From over DEN VOR/DME on DEN R-243 and HBU R-021 to HBU VOR/DME.

DOVE CREEK TRANSITION (ROCKI4.DVC): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME, then on MTJ R-218 and DVC R-035 to DVC VORTAC.

KREMMLING TRANSITION (ROCKI4.RLG): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME.

MEEKER TRANSITION (ROCKI4.EKR): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME, then on RLG R-260 and EKR R-078 to EKR VOR/DME.

MONTROSE TRANSITION (ROCKI4.MTJ): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME.

RED TABLE TRANSITION (ROCKI4.DBL): From over DEN VOR/DME on DEN R-254 and DBL R-062 to DBL VOR/DME.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

## ROCKIES FOUR DEPARTURE

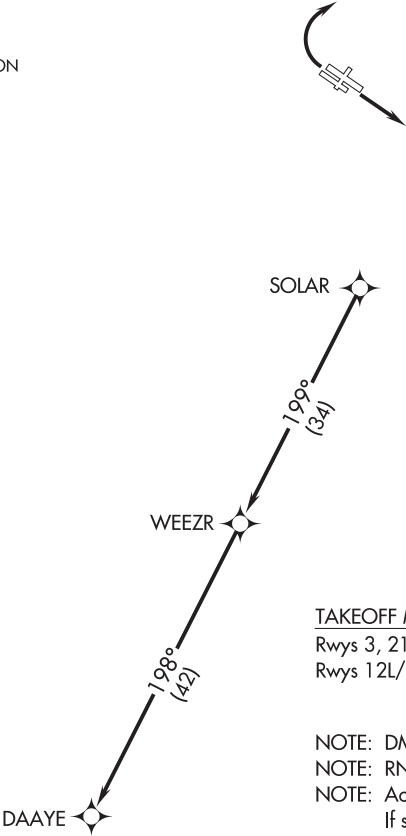
(ROCKI4.DEN) 13SEP18

DENVER, COLORADO  
ROCKY MOUNTAIN METROPOLITAN (BJC)



ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

TOP ALTITUDE:  
FL230



TAKEOFF MINIMUMS  
Rwys 3, 21: NA-ATC.  
Rwys 12L/R, 30L/R: Standard.

- NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.  
NOTE: Turbojets only.  
NOTE: RADAR required.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC. Thence. . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC. Thence. . . .

. . . .RADAR vectors to SOLAR. Then on depicted route to DAAYE. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



(SPAZZ5.SPAZZ) 20030

## SPAZZ FIVE DEPARTURE (RNAV)

ROCKY MOUNTAIN METROPOLITAN (BJC)

AL-5612 (FAA)

DENVER, COLORADO

ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

**TOP ALTITUDE:  
FL230**

## TAKEOFF MINIMUMS

Rwys 3, 21: NA - ATC.

Rwys 12L/R, 30L/R: Standard.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

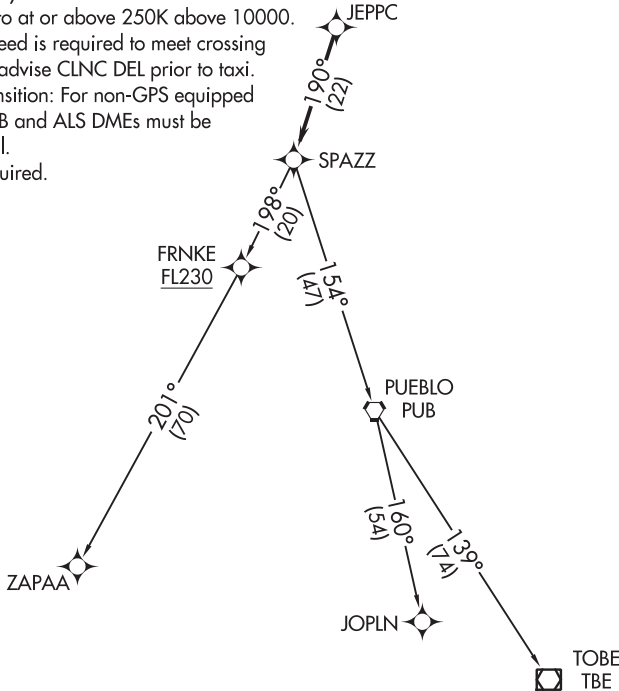
NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000.

If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: ZAPAA transition: For non-GPS equipped aircraft PUB and ALS DMEs must be operational.

NOTE: RADAR required.



NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC. Thence . . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC. Thence . . . .

. . . .RADAR vectors to JEPPC, then as depicted. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

JOPLN TRANSITION (SPAZZ5.JOPLN)

TOBE TRANSITION (SPAZZ5.TBE)

ZAPAA TRANSITION (SPAZZ5.ZAPAA)

SPAZZ FIVE DEPARTURE (RNAV)

(SPAZZ5.SPAZZ) 30JAN20

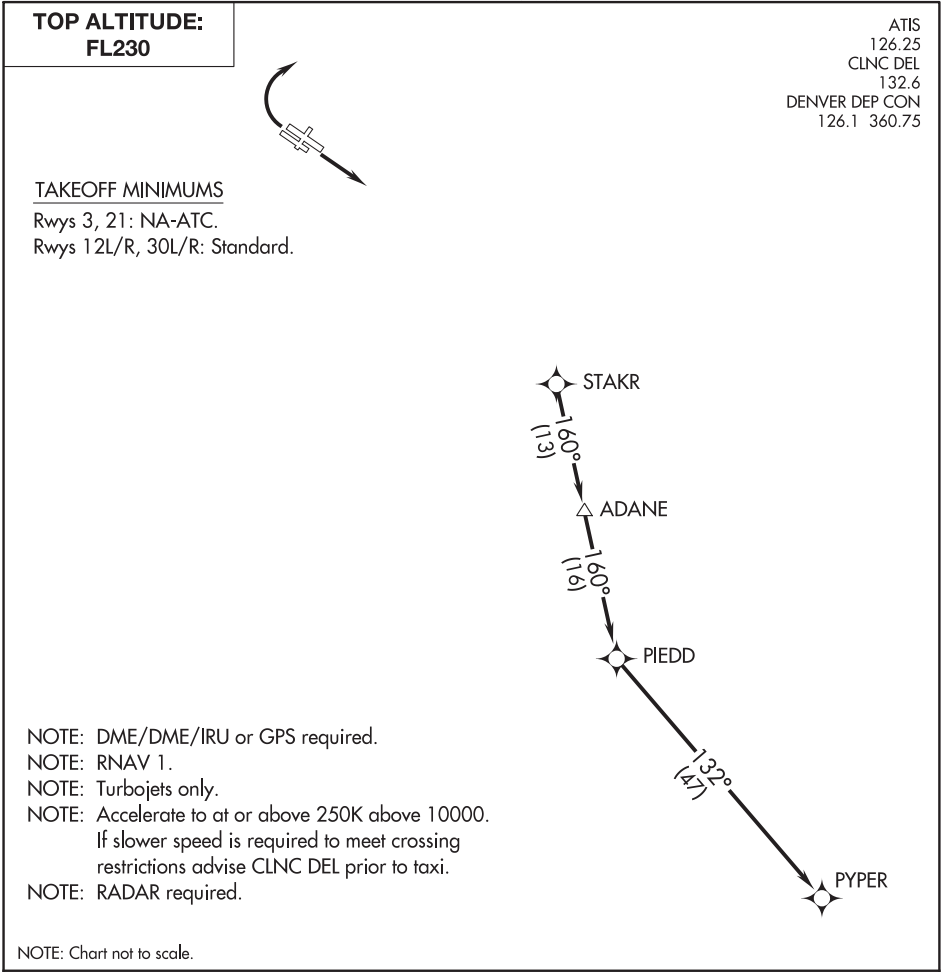
DENVER, COLORADO

ROCKY MOUNTAIN METROPOLITAN (BJC)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(YAMMI5.LAR) 20030

YAMMI FIVE DEPARTURE (RNAV)

ROCKY MOUNTAIN METROPOLITAN (BJC)  
DENVER, COLORADO

AL-5612 (FAA)

ATIS  
126.25  
CLNC DEL  
132.6  
DENVER DEP CON  
126.1 360.75

LARAMIE   
LAR

**TOP ALTITUDE:**  
**FL230**

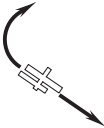
311°  
(45)

 YAMMI

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

TAKEOFF MINIMUMS

Rwys 3, 21: NA-ATC.  
Rwys 12L/R, 30L/R: Standard with minimum climb of 410' per NM to 7000.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC, thence. . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC, thence. . . .

. . . .RADAR vectors to YAMMI, then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

YAMMI FIVE DEPARTURE (RNAV)  
(YAMMI5.LAR) 30JAN20

DENVER, COLORADO  
ROCKY MOUNTAIN METROPOLITAN (BJC)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(YELLO3.DEN) 20030

## YELLOWSTONE THREE DEPARTURE

ROCKY MOUNTAIN METROPOLITAN (BJC)  
AL-5612 (FAA) DENVER, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb to assigned altitude and heading between 350° CW 150° from DER, thence. . . .

TAKEOFF RUNWAYS 12L/R: Climb to assigned altitude and heading between 150° CCW 350° from DER, thence. . . .

TAKEOFF RUNWAY 21: Climbing left turn to assigned altitude and heading between 150° CCW to 024° from DER, thence. . . .

TAKEOFF RUNWAYS 30L/R: Climbing right turn to assigned altitude and heading between 350° CW 113° from DER, thence. . . .

. . . .RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

CHEYENNE TRANSITION (YELLO3.CYS): From over DEN VOR/DME on DEN R-349 and CYS R-163 to CYS VORTAC.

HANKI TRANSITION (YELLO3.HANKI): From over DEN VOR/DME on DEN R-015 and GLL R-034 to HANKI.

LARAMIE TRANSITION (YELLO3.LAR): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME.

MEDICINE BOW TRANSITION (YELLO3.MBW): From over DEN VOR/DME on DEN R-334 and MBW R-133 to MBW VOR/DME.

NATTI TRANSITION (YELLO3.NATTI): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME, then on LAR R-273 to NATTI.

RAPID CITY TRANSITION (YELLO3.RAP): From over DEN VOR/DME on DEN R-359 and GLL R-174 to GLL VOR/DME, then on GLL R-005 and RAP R-186 to RAP VORTAC.

SCOTTSBLUFF TRANSITION (YELLO3.BFF): From over DEN VOR/DME on DEN R-015 and BFF R-191 to BFF VORTAC.

## YELLOWSTONE THREE DEPARTURE

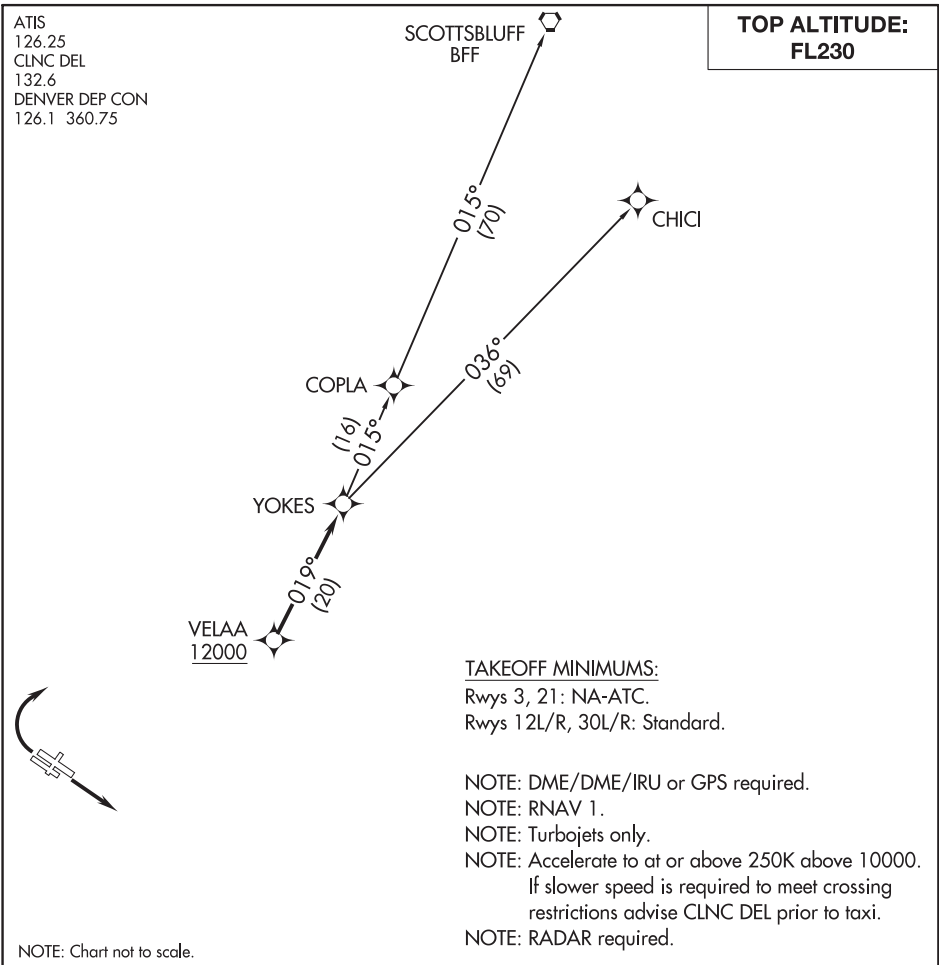
(YELLO3.DEN) 30JAN20

DENVER, COLORADO  
ROCKY MOUNTAIN METROPOLITAN (BJC)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





T	DEPARTURE ROUTE DESCRIPTION
	<div>TAKEOFF RUNWAYS 12L/R: Climb on heading between 150° CCW 350° as assigned by ATC, thence. . . .</div> <div>TAKEOFF RUNWAYS 30L/R: Climbing right turn heading between 350° CW 113° as assigned by ATC, thence. . . .</div> <div>. . . .RADAR vectors to VELAA, then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.</div> <div>CHICI TRANSITION (YOKES7.CHICI)</div> <div>SCOTTSBLUFF TRANSITION (YOKES7.BFF)</div>



DURANGO, COLORADO

AL-480 (FAA)

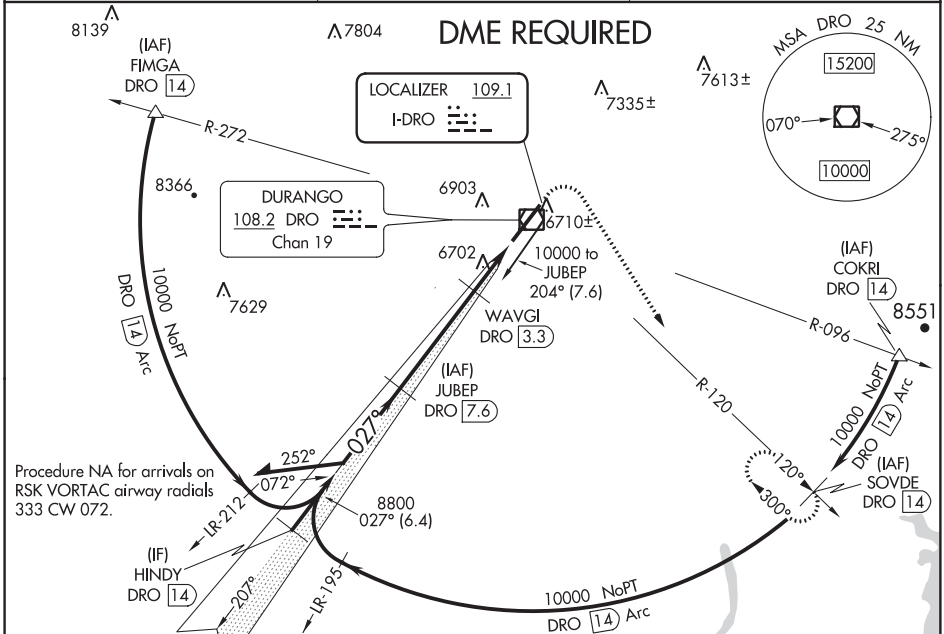
20030

LOC I-DRO <b>109.1</b>	APP CRS <b>027°</b>	Rwy Idg TDZE Apt Elev	<b>9201</b> <b>6643</b> <b>6689</b>
---------------------------	------------------------	-----------------------------	---

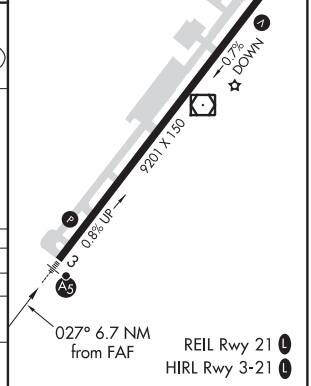
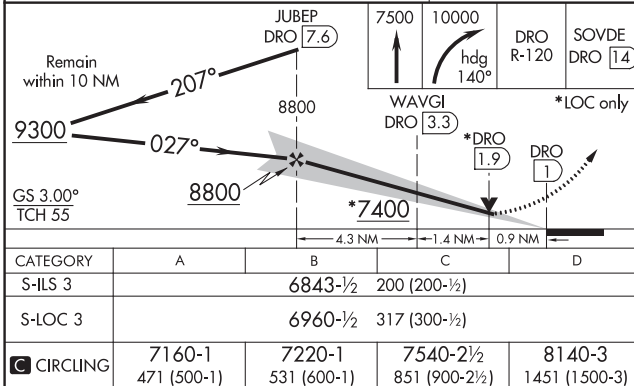
# **ILS or LOC/DME RWY 3** DURANGO-LA PLATA COUNTY (DRO)

<b>NA</b>	DME required. DME from DRO VOR/DME. Simultaneous reception of I-DRO and DRO VOR/DME required. For inop MALSR, increase S-LOC 3 Cat C/D visibility to ¾ mile.	MALSR 	MISSED APPROACH: Climb to 7500 then climbing right turn to 10000 on heading 140° and on DRO VOR/DME R-120 to SOVDE/DRO 14 DME and hold.
-----------	--	-----------	---

ASOS <b>120.625</b>	DENVER CENTER <b>118.575 348.7</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	---------------------------------------	---------------------------------



ALT MISSED APCH FIX	ELEV 6689	TDZE 6643
	252° R-072	RATTLESNAKE RSK 115.3 Chan 100



DURANGO, COLORADO

Amdt 5 31MAR16

37°09'N-107°45'W

**DURANGO-LA PLATA COUNTY (DRO)**  
**ILS or LOC/DME RWY 3**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>53710</b> <b>W03A</b>	APP CRS <b>027°</b>	Rwy Idg TDZE <b>6643</b> Apt Elev <b>6689</b>	<b>9201</b>
--	------------------------	---	-------------

RNAV (GPS) RWY 3

DURANGO-LA PLATA COUNTY (DRO)

⚠

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -26°C (-14°F) or above 44°C (111°F). DME/DME RNP-0.3 NA. For inop MALSR, increase LNAV Cat C/D visibility to 1 mile.

MALSR

MISSED APPROACH: Climb to 7500 then climbing right turn to 10200 direct RESER and hold.

ASOS <b>120.625</b>	DENVER CENTER <b>118.575 348.7</b>	UNICOM <b>122.8</b> (CTAF)
------------------------	---------------------------------------	-------------------------------

ELEV 6689

TDZE 6643

CATEGORY	A	B	C	D
LPV DA		6843-½ 200 (200-½)		
LNAV/VNAV DA		6918-½ 275 (300-½)		
LNAV MDA	7000-½ 357 (400-½)		7000-⅝ 357 (400-⅝)	
CIRCLING	7160-1 471 (500-1)	7220-1 531 (600-1)	7540-2½ 851 (900-2½)	8140-3 1451 (1500-3)

REIL Rwy 21

HIRL Rwy 3-21

DURANGO, COLORADO

Amdt 1 31MAR16

37°09'N-107°45'W

321

DURANGO-LA PLATA COUNTY (DRO)

RNAV (GPS) RWY 3

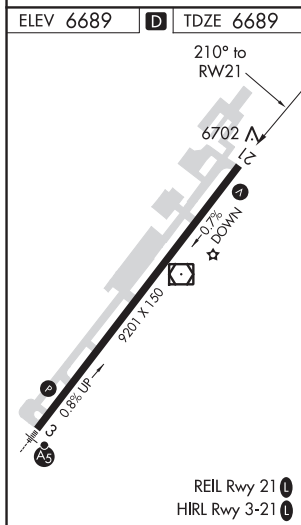
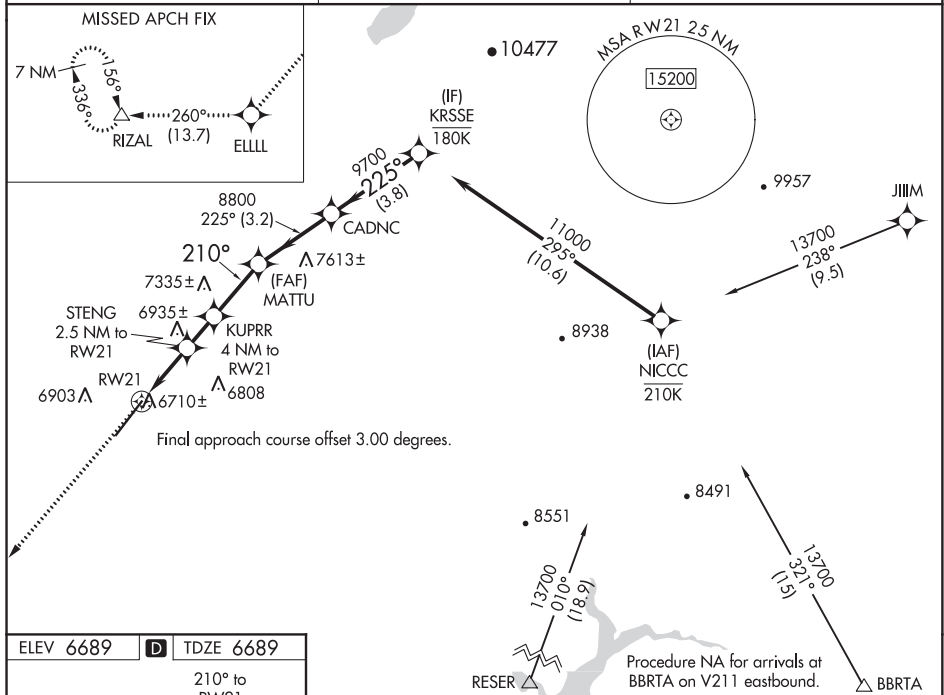


# RNAV (GPS) RWY 21

## DURANGO-LA PLATA COUNTY (DRO)

**MISSED APPROACH:** Climb to 11000  
direct ELLLL and on track 260° to RIZAL  
and hold.

UNICOM  
122.8 (CTAF) **L**



11000	ELLLL	IR 260°	RIZAL	KUPRR 4 NM to RW21	MATTU 8800	CADNC
*RNAV only				STENG 2.5 NM to RW21		KRSSE
				*1.2 NM to RW21		
				RW21		
				7540*	210° 8000*	225° 9700
					8800	11000
						GP 3.00° TCH 51
	1.2 NM	1.3 NM	1.5 NM	2.5 NM	3.2 NM	3.8 NM
CATEGORY	A	B	C	D		
LPV DA	6939-¾ 250 (300-¾)					
RNAV/ VNAV	7019-1 330 (400-1)					
RNAV MDA	7120-1 431 (500-1)	7120-1¼ 431 (500-1¼)				
	7160-1 471 (500-1)	7220-1 531 (600-1)	7540-2½ 851 (900-2½)	8140-3 1451 (1500-3)		
CIRCLING						

DURANGO-LA PLATA COUNTY (DRO)  
RNAV (GPS) RWY 21

SW-1, 30 JAN 2020 to 26 MAR 2020

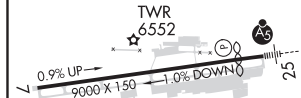
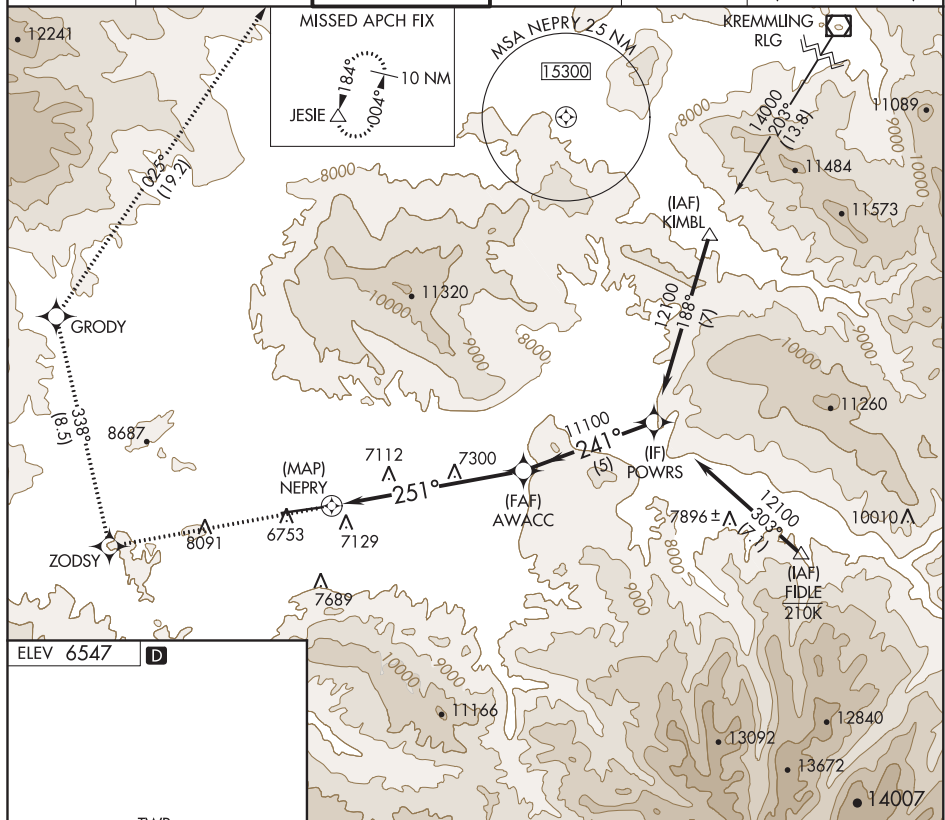


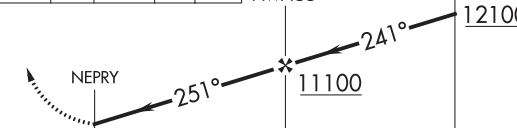
RNAV (GPS)-D  
EAGLE COUNTY RGNL (EGE)

**T** Circling to Rwy 7 NA at night. Circling NA for Cats C and D  
**A** south of Rwy 7-25. Rwy 7 helicopter visibility reduction below  
**☼** 1 SM NA. Rwy 25 helicopter visibility reduction below  $\frac{3}{4}$  SM  
-18°C NA. Inoperative table does not apply.

**MISSED APPROACH:** (Do not exceed 185K until GRODY) Climb to 14600 direct ZODSY then on track 338° to GRODY and on track 025° to JESIE and hold, continue climb in-hold to 14600.

ATIS <b>135.575</b>	DENVER CENTER <b>128.65 282.2</b>	EAGLE TOWER ★ <b>119.8 (CTAF) 0</b>	GND CON <b>121.8</b>	CLNC DEL <b>124.75</b>	DENVER CLNC DEL <b>124.75</b> (When tower closed)
------------------------	--------------------------------------	--	-------------------------	---------------------------	---



14600 ↑	ZODSY ✱	tr 338° ✱	GRODY ✱	tr 025° ✱	JESIE △				
									
CATEGORY		A		B		C		D	
<b>C</b> CIRCLING		9220-1¼ 2673 (2700-1¼)		9220-1½ 2673 (2700-1½)		9220-3		2673 (2700-3)	

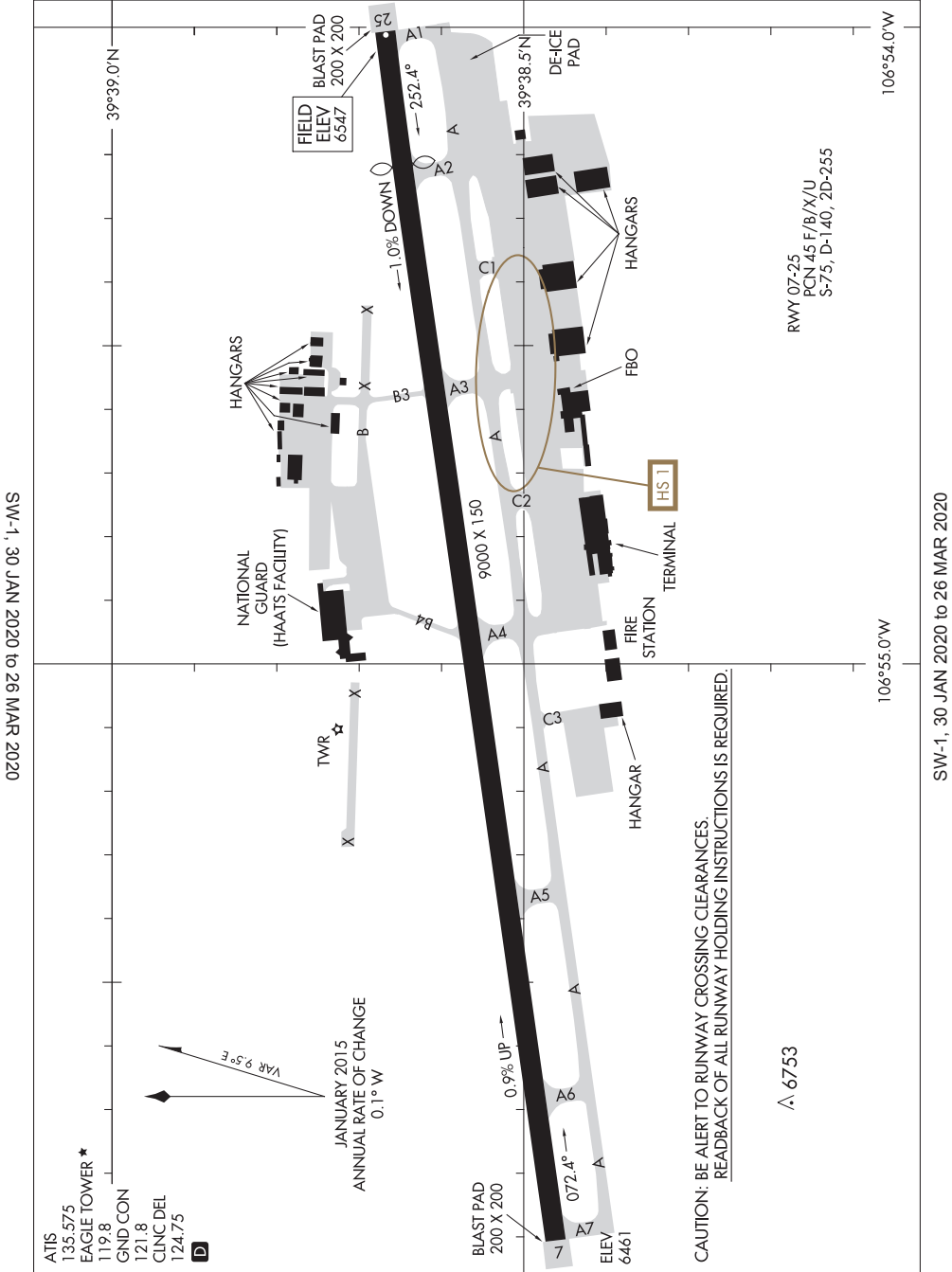
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1. 30 JAN 2020 to 26 MAR 2020









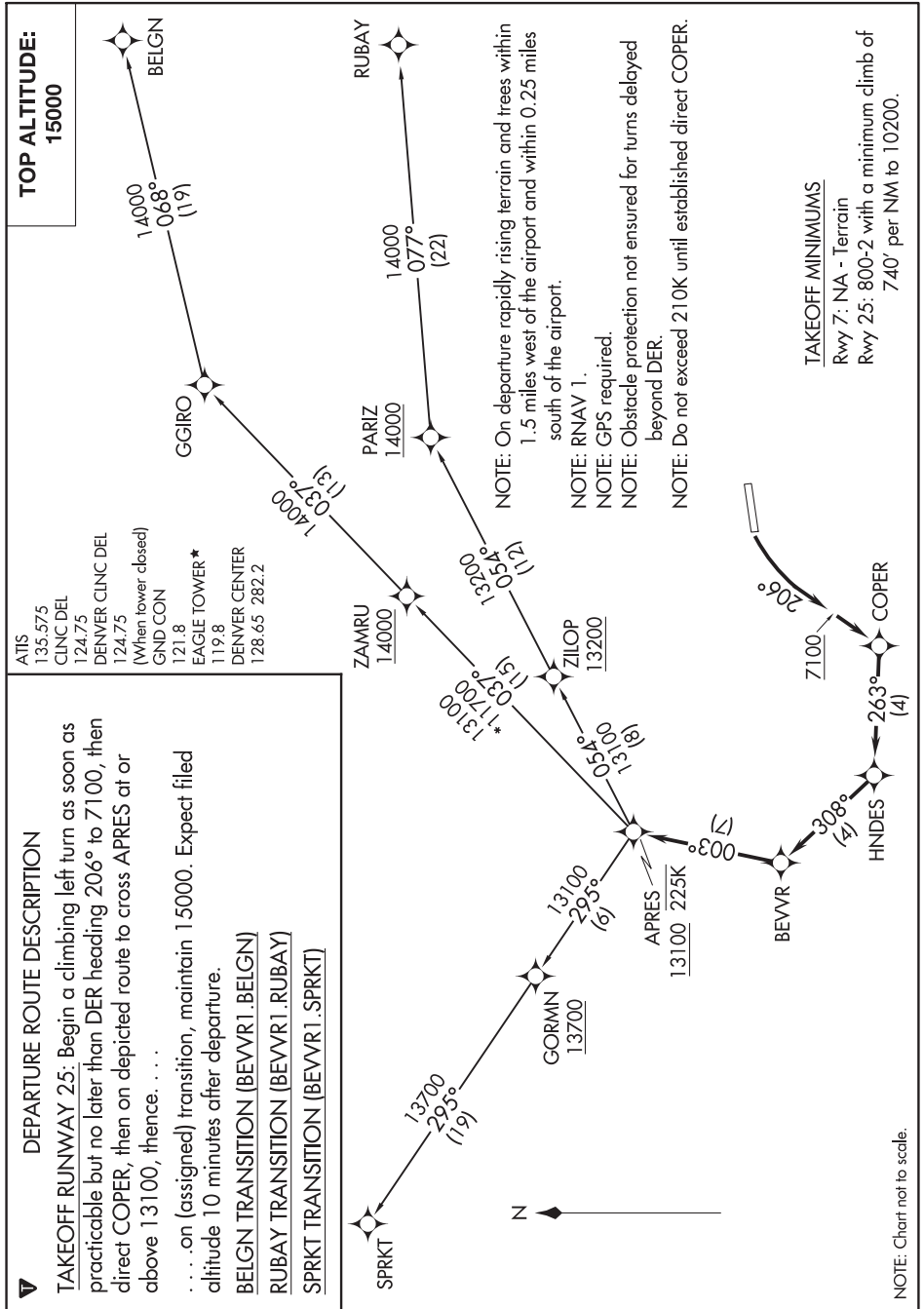


## BEVVR ONE DEPARTURE (RNAV)

AL-6403 (FAA)

EAGLE, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020

NOTE: Chart not to scale.

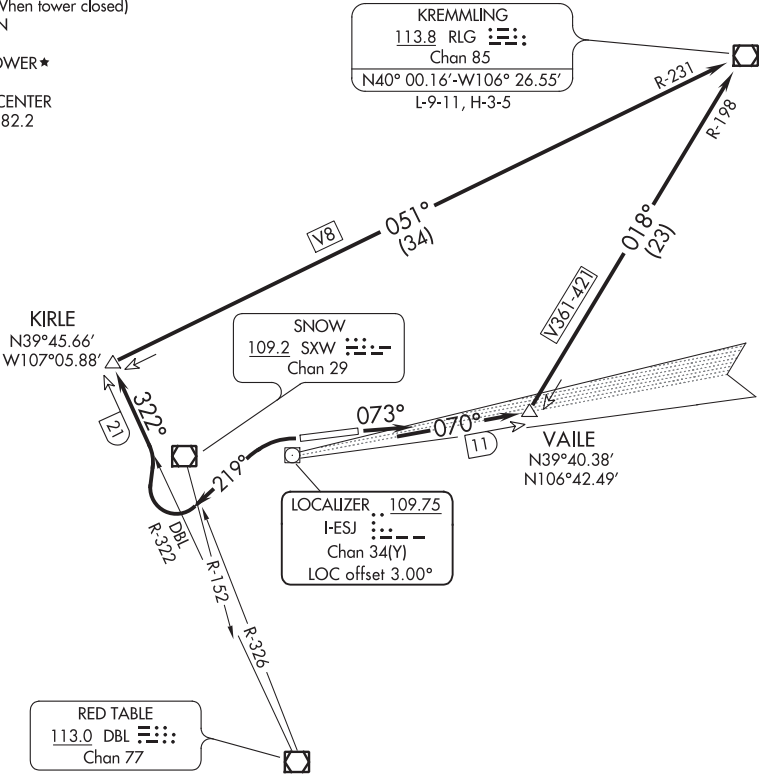
## BEVVR ONE DEPARTURE (RNAV)

(BEVVR1.BEVVR) 19JUL18

EAGLE, COLORADO  
EAGLE COUNTY RGNL (EGE)



ATIS  
135.575  
CLNC DEL  
124.75  
DENVER CLNC DEL  
124.75 (When tower closed)  
GND CON  
121.8  
EAGLE TOWER ★  
119.8  
DENVER CENTER  
128.65 282.2



TAKEOFF MINIMUMS  
Rwy 7: Standard with minimum climb of 580' per NM to 12000.  
Rwy 25: Standard with minimum climb of 815' per NM to 9200.

NOTE: Chart not to scale.

T

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb heading 073° and I-ESJ east course to VAILE INT/ESJ 11 DME then left turn on RLG R-198 to RLG VOR/DME.

TAKEOFF RUNWAY 25: Climbing left turn heading 219°, until crossing SXW R-152 or DBL R-326, then turn right on DBL R-322 to KIRLE INT/DBL 21 DME then turn right on RLG R-231 to RLG VOR/DME.



(EKR3.EKR) 18200

## MEEKER THREE DEPARTURE

AL-6403 (FAA)

EAGLE COUNTY RGNL (E/G/E)

EAGLE, COLORADO

**TOP ALTITUDE:  
15000**

ATIS

135.575

CLNC DEL

124.75

DENVER CLNC DEL

124.75 (When tower closed)

GND CON

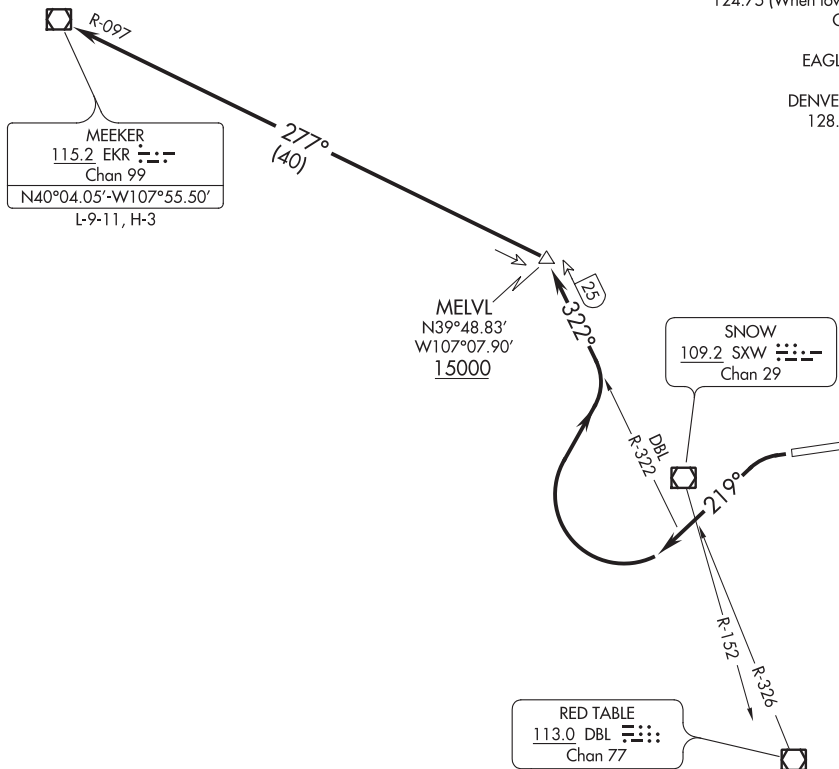
121.8

EAGLE TOWER ★

119.8

DENVER CENTER

128.65 282.2

TAKEOFF MINIMUMS

Rwy 7: NA - ATC

Rwy 25: Standard with minimum climb of 815' per NM to 15000.

NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 25: Climbing left turn heading 219°, upon crossing SXW R-152 or DBL R-326 turn right via DBL R-322 to MELVL INT/DBL 25 DME then turn left via EKR R-097 to EKR VOR/DME. Cross MELVL at or above 15000, expect filed altitude 10 minutes after departure.

## MEEKER THREE DEPARTURE

(EKR3.EKR) 19JUL18

EAGLE, COLORADO

EAGLE COUNTY RGNL (E/G/E)

SW-1, 30 JAN 2020 to 26 MAR 2020

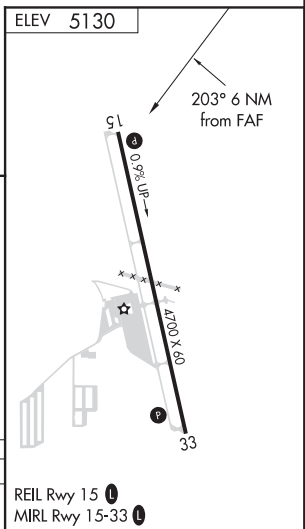
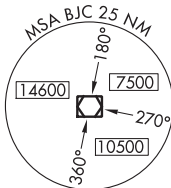
SW-1, 30 JAN 2020 to 26 MAR 2020



19115

VOR/DME or GPS-A  
ERIE MUNI (EIK)

ANA

UNICOM  
123.0 (CTAF) 

ERIE MUNI(EIK)  
VOR/DME or GPS-A







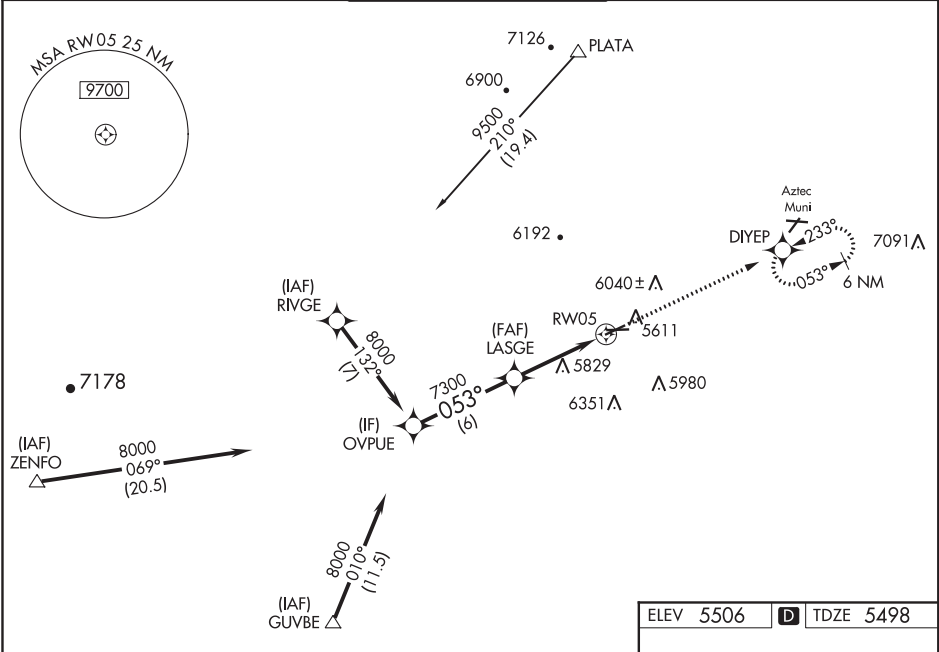
WAAS CH <b>86210</b> <b>W05A</b>	APP CRS <b>053°</b>	Rwy Idg <b>6376</b> TDZE <b>5498</b> Apt Elev <b>5506</b>
--	------------------------	---

**RNAV (GPS) RWY 5**  
FOUR CORNERS RGNL (FMN)

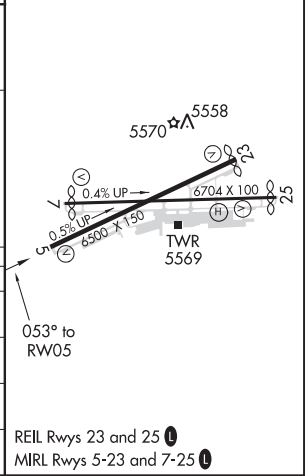
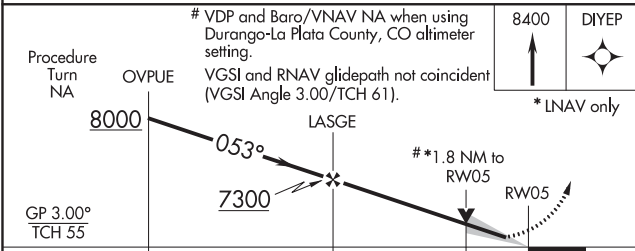
⚠ Cat D Circling not authorized southeast of Rwy 5 and 25.  
Baro-VNAV NA below -26°C (-14°F).  
DME/DME RNP- 0.3 NA.  
If local altimeter setting not received, use Durango-La Plata County, CO altimeter setting and increase all DAs/MDAs 260 feet.

MISSED APPROACH: Climb to 8400 direct DIYEP and hold.

ATIS <b>127.15</b>	DENVER CENTER <b>118.575 348.7</b>	FARMINGTON TOWER★ <b>118.9 (CTAF) 0 257.8</b>	GND CON <b>121.7</b>	UNICOM <b>122.95</b>
-----------------------	---------------------------------------	--	-------------------------	-------------------------



ELEV 5506	TDZE 5498
-----------	-----------



CATEGORY	A	B	C	D
LPV DA	5750-1 252 (300-1)			
LNAV/ VNAV DA	5920-1½ 422 (500-1½)			
LNAV MDA	6100-1 602 (600-1)	6100-1¾ 602 (600-1¾)	6100-2 602 (600-2)	
CIRCLING	6100-1½ 594 (600-1½)	6120-1½ 614 (700-1½)	6160-1¾ 654 (700-1¾)	6160-2 654 (700-2)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



FARMINGTON, NEW MEXICO

AL-493 (FAA)

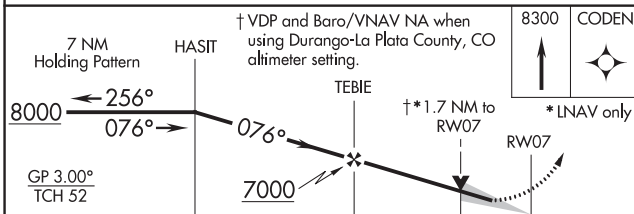
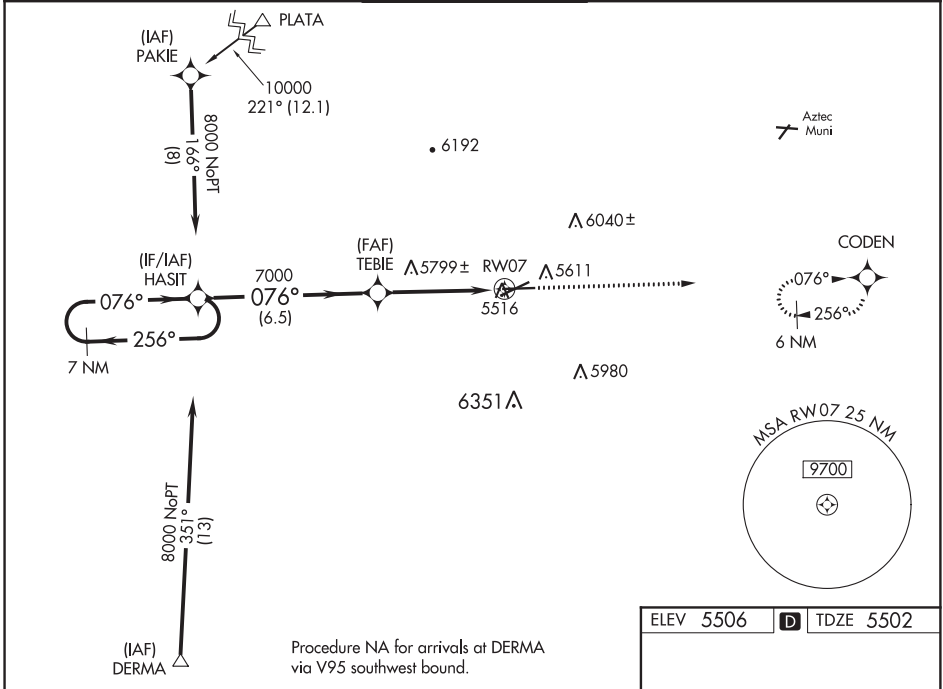
19115

WAAS CH <b>90110</b> W07A	APP CRS <b>076°</b>	Rwy Idg TDZE <b>5502</b> Apt Elev <b>5506</b>
---------------------------------	------------------------	---

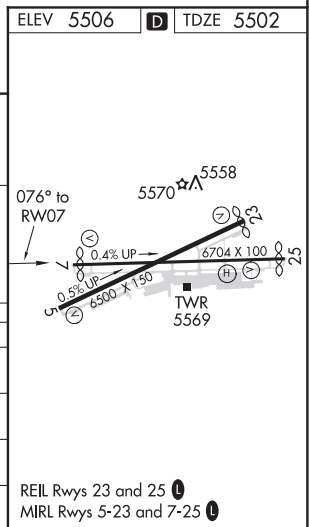
# **RNAV (GPS) RWY 7** FOUR CORNERS RGNL (FMN)

<b>⚠</b> Cat D Circling not authorized southeast of Rwy 5 and 25. <b>⚠</b> Baro-VNAV NA below -26°C (-14°F). DME/DME RNP-0.3 NA. If local altimeter setting not received, use Durango-La Plata County, CO altimeter setting and increase all DAs/MDAs 260 feet.	<b>MISSED APPROACH:</b> Climb to 8300 direct CODEN and hold.
---	--

ATIS <b>127.15</b>	DENVER CENTER <b>118.575 348.7</b>	<b>FARMINGTON TOWER*</b> <b>118.9 (CTAF) 0 257.8</b>	GND CON <b>121.7</b>	UNICOM <b>122.95</b>
-----------------------	---------------------------------------	---	-------------------------	-------------------------



CATEGORY	A	B	C	D
LPV DA	5760-1 258 (300-1)			
LNAV/VNAV DA	5980-1 478 (500-1 3/4)			
LNAV MDA	6060-1	558 (600-1)	6060-1 1/2 558 (600-1 1/2)	6060-1 3/4 558 (600-1 3/4)
CIRCLING	6060-1 3/4 554 (600-1 3/4)	6120-1 3/4 614 (700-1 3/4)	6160-1 3/4 654 (700-1 3/4)	6160-2 654 (700-2)



FARMINGTON, NEW MEXICO

Amdt 2 12MAY05

36°44'N-108°14'W

# **FOUR CORNERS RGNL (FMN)** **RNAV (GPS) RWY 7**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>70714</b> <b>W23A</b>	APP CRS <b>233°</b>	Rwy Idg TDZE Apt Elev	<b>6376</b> <b>5504</b> <b>5506</b>
--	------------------------	-----------------------------	---

RNAV (GPS) RWY 23

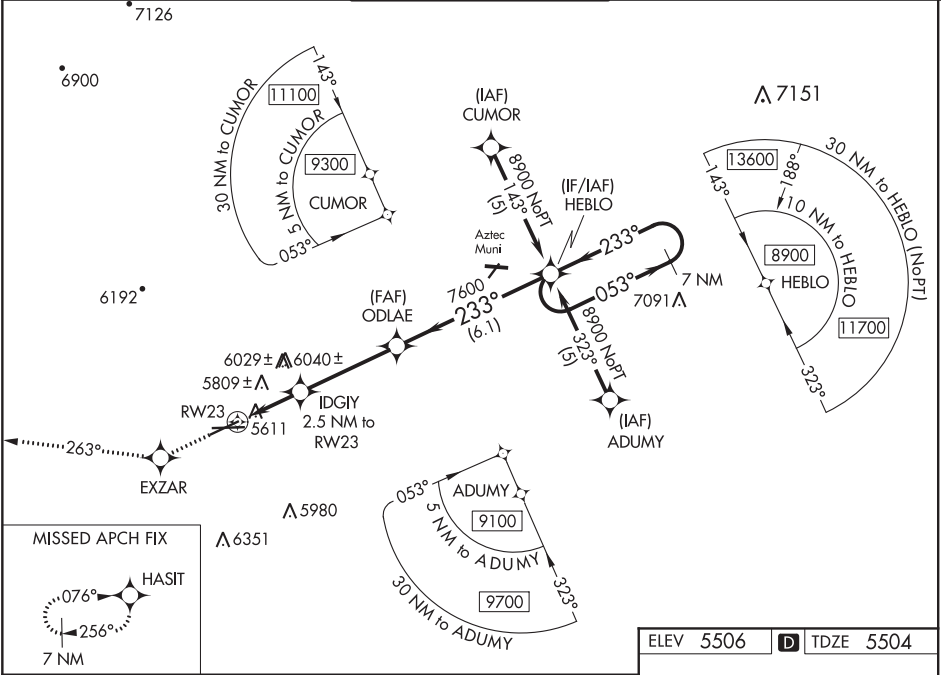
FOUR CORNERS RGNL (FMN)

⚠

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -26°C (-14°F) or above 38°C (100°F). Circling NA Cat D southeast of Rwy 5 and 25. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 8000 direct EXZAR and via track 263° to HASIT and hold.

ATIS <b>127.15</b>	DENVER CENTER <b>118.575 348.7</b>	FARMINGTON TOWER★ <b>118.9 (CTAF) 257.8</b>	GND CON <b>121.7</b>	UNICOM <b>122.95</b>
-----------------------	---------------------------------------	--	-------------------------	-------------------------



8000	EXZAR	tr 263°	HASIT
* LNAV only			
IDGIY 2.5 NM to RW23			
* 2 NM to RW23			
RW23			
6340*			
ODLAE			
HEBLO 7 NM Holding Pattern			
GP 3.00° TCH 46			
CATEGORY	A	B	C
LPV DA	5798-1 294 (300-1)		
LNAV/VNAV DA	6138-2¼ 634 (700-2¼)		
LNAV MDA	6180-1 676 (700-1)	6180-2 676 (700-2)	6180-2¼ 676 (700-2¼)
CIRCLING	6180-1 674 (700-1)	6180-2 674 (700-2)	6180-2¼ 674 (700-2¼)

ELEV 5506 D TDZE 5504

REIL Rwy 23 and 25  
MIRL Rwy 5-23 and 7-25



FARMINGTON, NEW MEXICO

AL-493 (FAA)

19115

WAAS CH <b>97518</b> <b>W25A</b>	APP CRS <b>256°</b>	Rwy Idg TDZE Apt Elev	<b>6277</b> <b>5506</b> <b>5506</b>
--	------------------------	-----------------------------	---

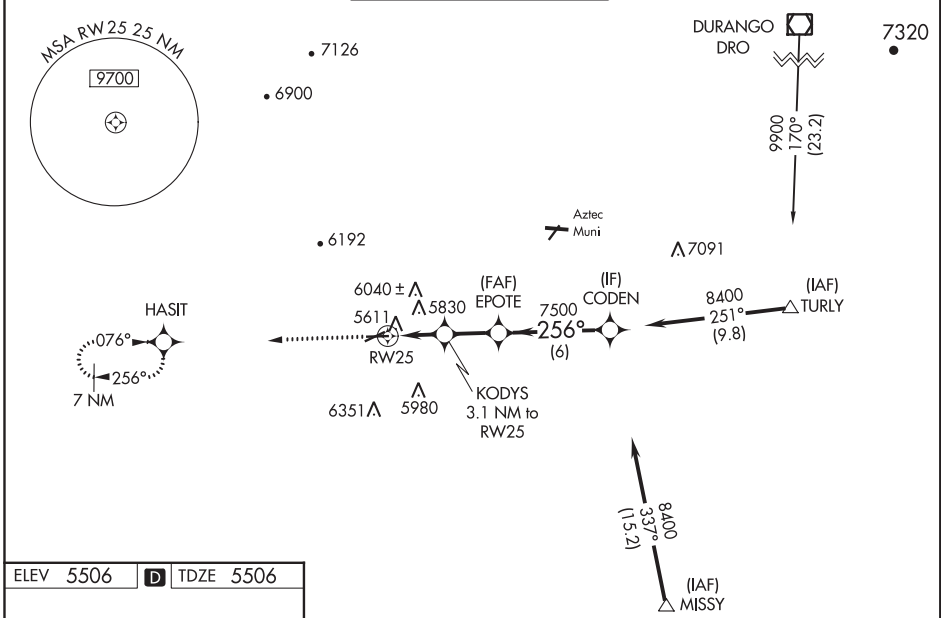
# RNAV (GPS) RWY 25

FOUR CORNERS RGNL (FMN)

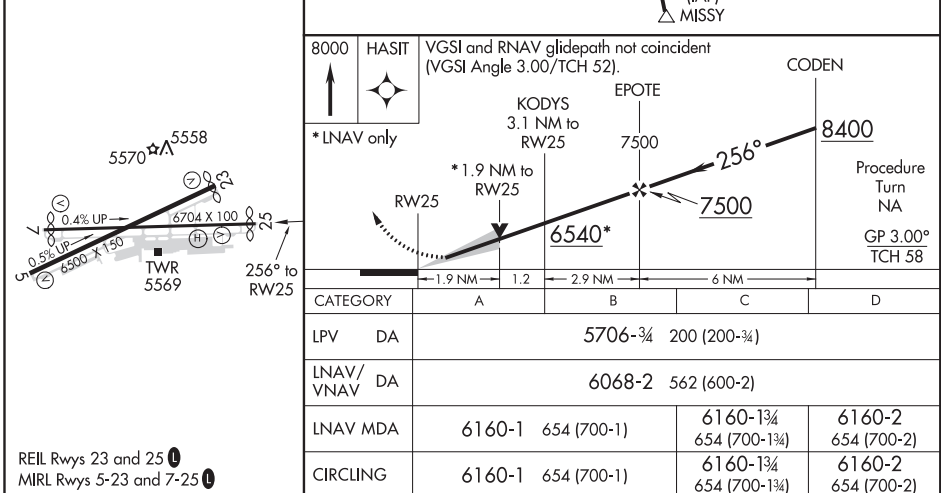
**⚠** Baro-VNAV NA when using Durango-La Plata County, CO altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -26°C (-14°F) or above 38°C (100°F).  
**⚠** DME/DME RNP 0.3 NA. Cat. D Circling NA SE of Rwy 5 and 25. When local altimeter setting not received, use Durango-La Plata County, CO altimeter setting and increase all DA 243 feet and all MDA 260 feet. Increase LPV visibility  $\frac{3}{4}$  mile all Cats., LNAV/VNAV visibility 1 mile all Cats., LNAV and Circling visibility Cats. A-B  $\frac{1}{4}$  mile, Cats. C-D visibility 1 mile. VDP NA with Durango-La Plata County, CO altimeter setting.

**MISSED APPROACH:**  
Climb to 8000 direct  
HASIT and hold.

ATIS <b>127.15</b>	DENVER CENTER <b>118.575 348.7</b>	FARMINGTON TOWER * <b>118.9 (CTAF) 257.8</b>	GND CON <b>121.7</b>	UNICOM <b>122.95</b>
-----------------------	---------------------------------------	---	-------------------------	-------------------------



ELEV 5506	<b>D</b>	TDZE 5506
-----------	----------	-----------



FARMINGTON, NEW MEXICO

Amdt 1 29JUL10

36°44'N-108°14'W

FOUR CORNERS RGNL (FMN)

# RNAV (GPS) RWY 25

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



VORTAC RSK	APP CRS	Rwy Idg	6376
115.3	070°	TDZE	5498
Chan 100		Apt Elev	5506

VOR/DME RWY 5

FOUR CORNERS RGNL (FMN)

NA

Cat D Circling NA southeast of Rws 5 and 25.

MISSED APPROACH: Climb to 8300 direct RSK VORTAC and hold.

ATIS	DENVER CENTER	FARMINGTON TOWER★	GND CON	UNICOM
127.15	118.575 348.7	118.9 (CTAF) 0 257.8	121.7	122.95

ELEV 5506 D TDZE 5498

REIL Rws 23 and 25 0  
MIRL Rws 5-23 and 7-25 0

Remain within 10 NM

8300 RSK

CATEGORY	A	B	C	D
S-5	6060-1	562 (600-1)	6060-1½ 562 (600-1½)	6060-1¾ 562 (600-1¾)
CIRCLING	6060-1 554 (600-1)	6120-1 614 (700-1)	6160-1¾ 654 (700-1¾)	6160-2 654 (700-2)

FARMINGTON, NEW MEXICO  
Orig 23JAN03

36°44'N-108°14'W  
335

FOUR CORNERS RGNL (FMN)  
VOR/DME RWY 5



VORTAC RSK <b><u>115.3</u></b> Chan <b>100</b>	APP CRS <b>072°</b>	Rwy Idg <b>6277</b> TDZE <b>5502</b> Apt Elev <b>5506</b>
--	------------------------	---

VOR/DME RWY 7  
FOUR CORNERS RGNL (FMN)

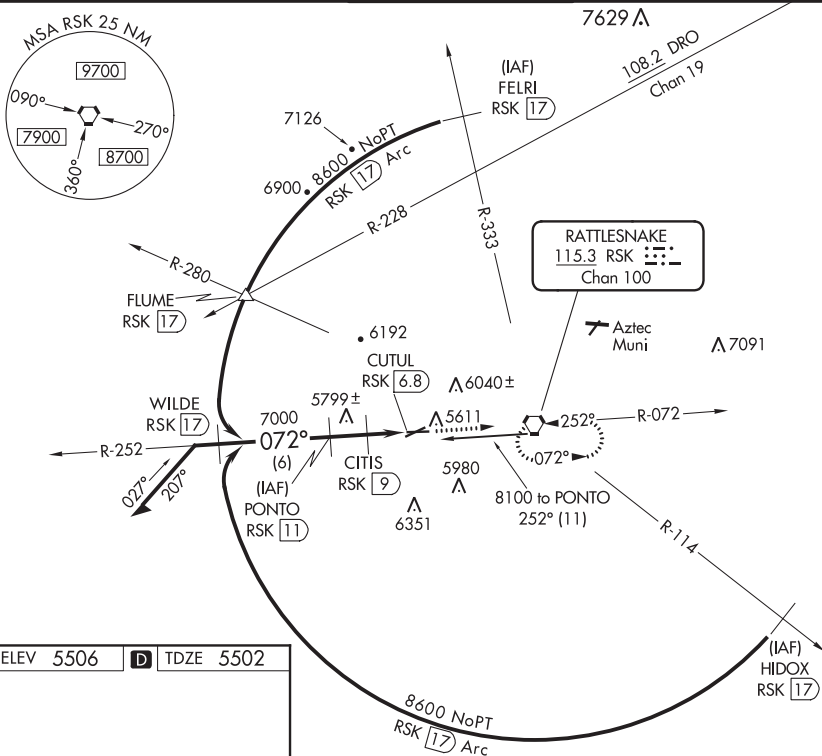
**MISSED APPROACH:** Climb to 8300 direct RSK VORTAC and hold.

ATIS  
**127.15**

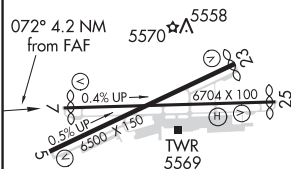
DENVER CENTER  
118.575 348.7

FARMINGTON TOWER★  
118.9 (CTAF) **L** 257.8

GND CON  
**121.7**

UNICOM  
122.95

ELEV 5506	<b>D</b>	TDZE 5502
-----------	----------	-----------



REIL Rwy 23 and 25 **L**  
MIRL Rwy 5-23 and 7-25 **L**

FARMINGTON, NEW MEXICO  
Amdt 4A 31JUL08

VGSI and descent angles not coincident  
(VGSI Angle 3.00/TCH 52). R01010

Remain within 10 NM

CATEGORY		A	B	C	D
S-7	5920-1	418 (500-1)	5920-1¼	418 (500-1¼)	
CIRCLING	6000-1 494 (500-1)	6120-1 614 (700-1)	6160-1¾ 654 (700-1¾)	6160-2 654 (700-2)	

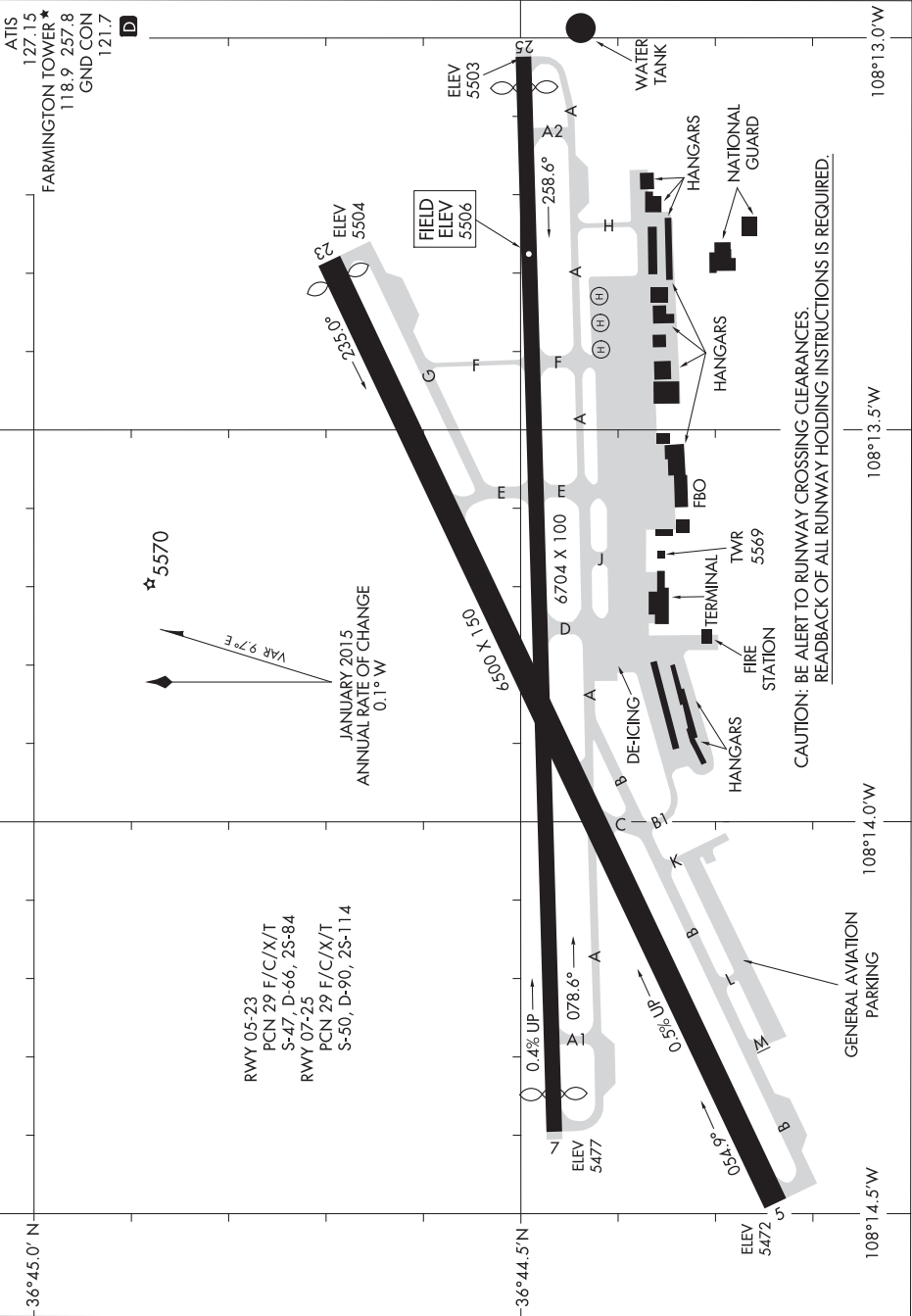
FOUR CORNERS RGNL (FMN)  
VOR/DME RWY 7

36°44'N-108°14'W



AIRPORT DIAGRAM

AL-493 (FAA) FOUR CORNERS RGNL (FMN)  
FARMINGTON, NEW MEXICO



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

AIRPORT DIAGRAM

FARMINGTON, NEW MEXICO  
FOUR CORNERS RGNL (FMN)



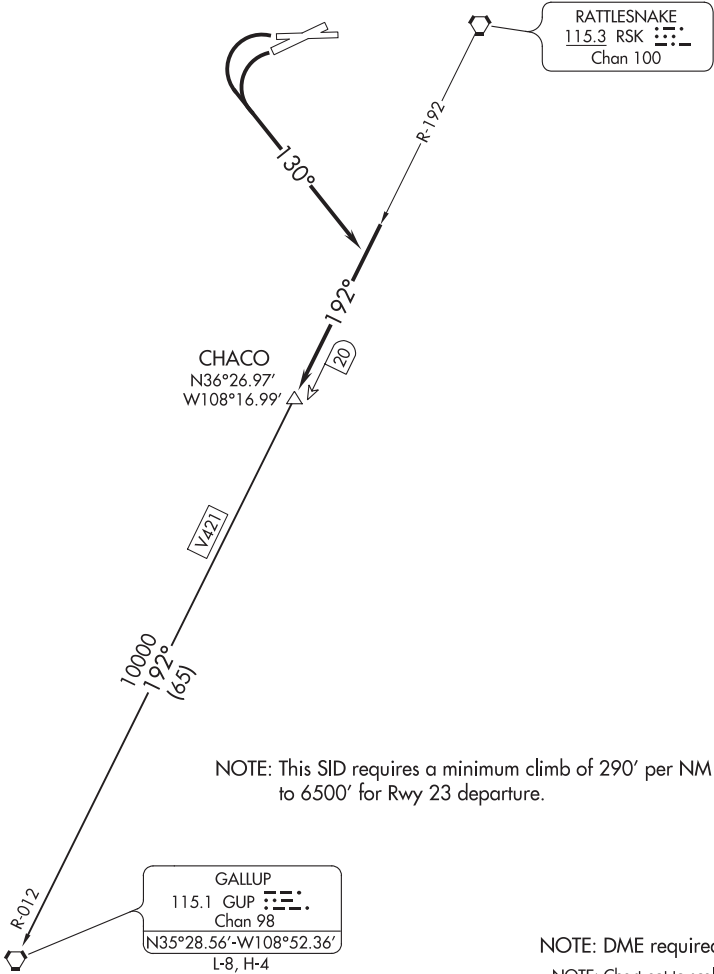
(CHACO1.CHACO) 17229

CHACO ONE DEPARTURE

AL-493 (FAA)

FOUR CORNERS RGNL (F'MN)  
FARMINGTON, NEW MEXICO

ATIS  
127.15  
GND CON  
121.7  
FARMINGTON TOWER  
118.9 (CTAF) 257.8  
DENVER CENTER  
118.575 348.7  
UNICOM  
122.95



DEPARTURE ROUTE DESCRIPTION

Aircraft departing Runways 23 or 25 turn left heading 130° to intercept RSK R-192 to CHACO. Thence via (assigned route).

GALLUP TRANSITION (CHACO1.GUP): From over CHACO via RSK R-192 and GUP R-012 to GUP VORTAC.

CHACO ONE DEPARTURE

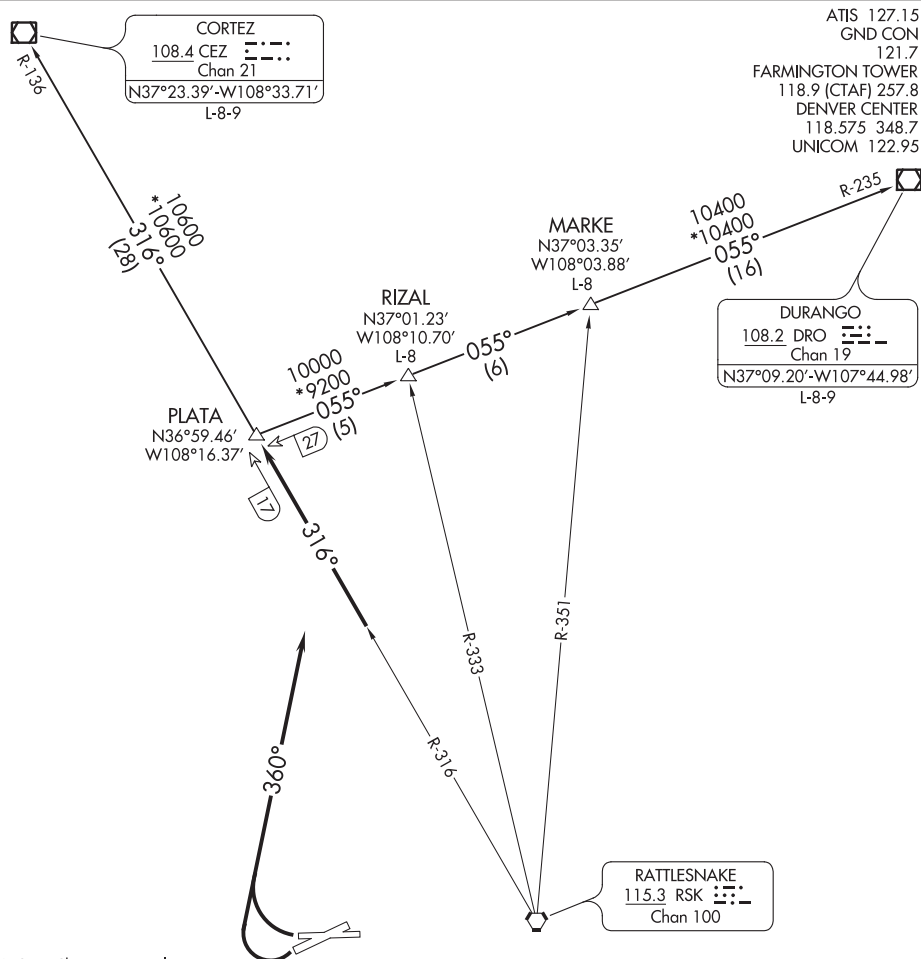
(CHACO1.CHACO) 05DEC96

FARMINGTON, NEW MEXICO  
FOUR CORNERS RGNL (F'MN)



## PLATA ONE DEPARTURE

FOUR CORNERS RGNL (FMN)  
FARMINGTON, NEW MEXICO



NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

Aircraft departure Runways 23 and 25 turn right heading 360° to intercept RSK R-316 to PLATA INT. Thence via (transition) or (assigned route).

CORTEZ TRANSITION (PLATA1.CEZ): From over PLATA INT via RSK R-316 and CEZ R-136 to CEZ VOR/DME.

DURANGO TRANSITION (PLATA 1.DRO): From over PLATA INT via DRO R-235 to DRO VOR/DME.

MARKE TRANSITION (PLATA1.MARKE): From over PLATA INT via DRO R-235 to MARKE INT.

RIZAL TRANSITION (PLATA1.RIZAL): From over PLATA INT via DRO R-235 to RIZAL INT.

## PLATA ONE DEPARTURE

(PLATA1.PLATA) 05DEC96

FARMINGTON, NEW MEXICO  
FOUR CORNERS RGNL (FMN)



FORT COLLINS/LOVELAND, COLORADO

AL-5677 (FAA)

20030

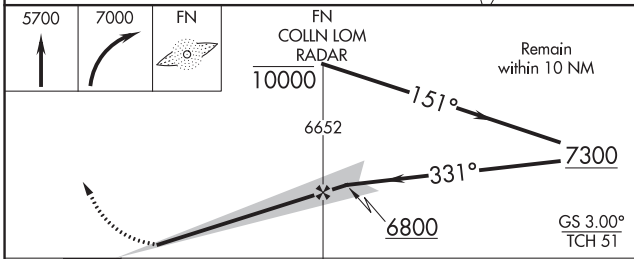
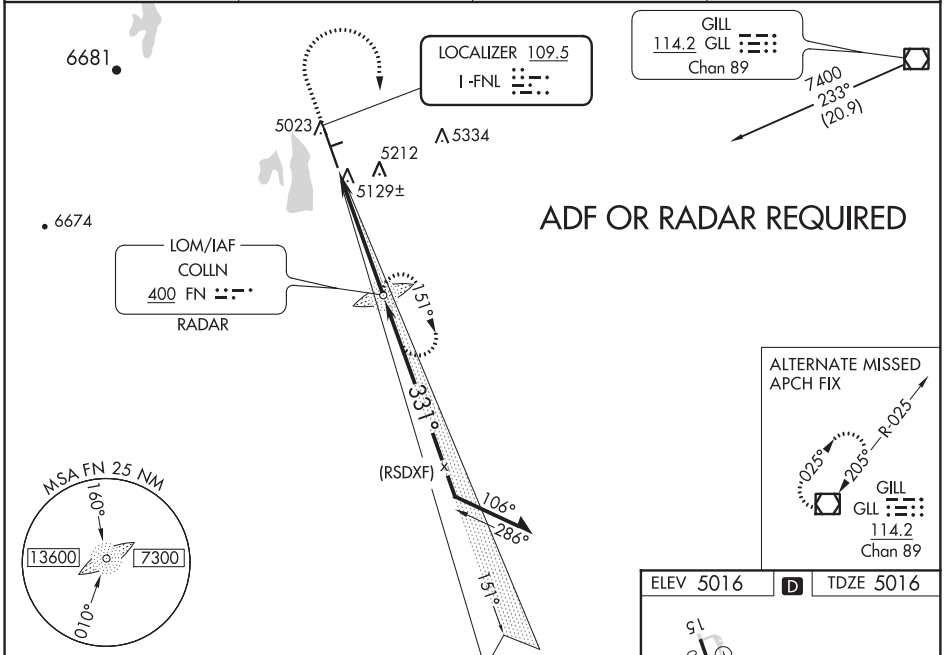
LOC I-FNL <b>109.5</b>	APP CRS <b>331°</b>	Rwy Idg TDZE Apt Elev	<b>8500</b> <b>5016</b> <b>5016</b>
---------------------------	------------------------	-----------------------------	---

# ILS or LOC RWY 33

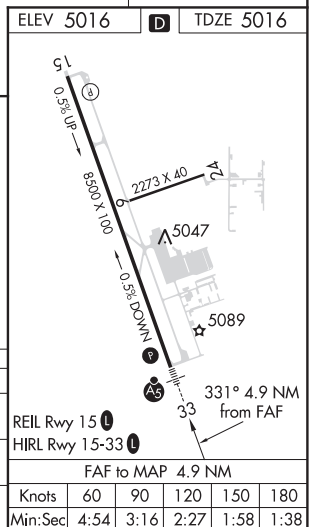
## NORTHERN COLORADO RGNL (F'NL)

<p><b>NA</b> Circling to Rwy 6/24 NA at night. ADF required. When local altimeter setting not received, use Denver Intl altimeter setting and increase all DA 147 feet and all MDA 160 feet. Increase S-ILS 33 visibility all Cats ½ SM, S-LOC 33 Cat C/D visibility ½ SM, and Circling Cat C/D visibility ½ SM. For inop ALS, when using Denver Intl altimeter setting increase S-ILS 33 visibility all Cats to 1¼ mile.</p>	<p>MALSR</p>	<p>MISSED APPROACH: Climb to 5700 then climbing right turn to 7000 direct COLLN LOM/RADAR and hold.</p>
---	--------------	---

AWOS-3PT <b>135.075</b>	DENVER APP CON <b>134.85 251.125</b>	CLNC DEL <b>120.25</b>	UNICOM <b>122.7 (CTAF)</b>
----------------------------	---	---------------------------	-------------------------------



CATEGORY	A	B	C	D
S-ILS 33	5216-½ 200 (200-½)			
S-LOC 33	5380-½ 364 (400-½)		5380-¾ 364 (400-¾)	
CIRCLING	5500-1 484 (500-1)	5580-1 564 (600-1)	5580-1½ 564 (600-½)	5760-2½ 744 (600-2½)



FORT COLLINS/LOVELAND, COLORADO

Amdt 6D 30JAN20

NORTHERN COLORADO RGNL (F'NL)

# ILS or LOC RWY 33

40°27'N-105°01'W

SW-1, 30 JAN 2020 to 26 MAR 2020

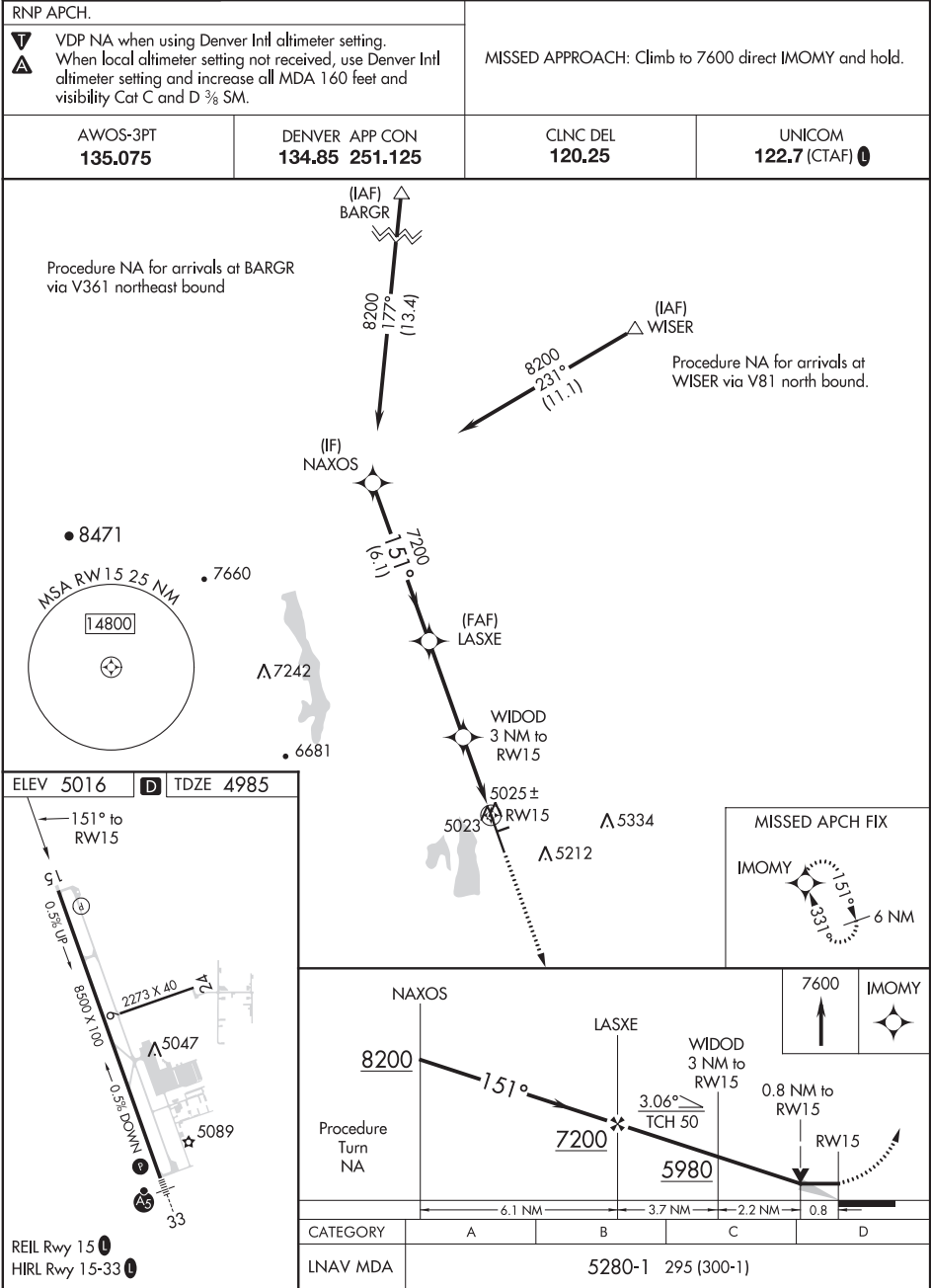
SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS	Rwy Idg	8500
151°	TDZE	4985
	Apt Elev	5016

RNAV (GPS) RWY 15

NORTHERN COLORADO RGNL (FNL)





FORT COLLINS/LOVELAND, COLORADO

AL-5677 (FAA)

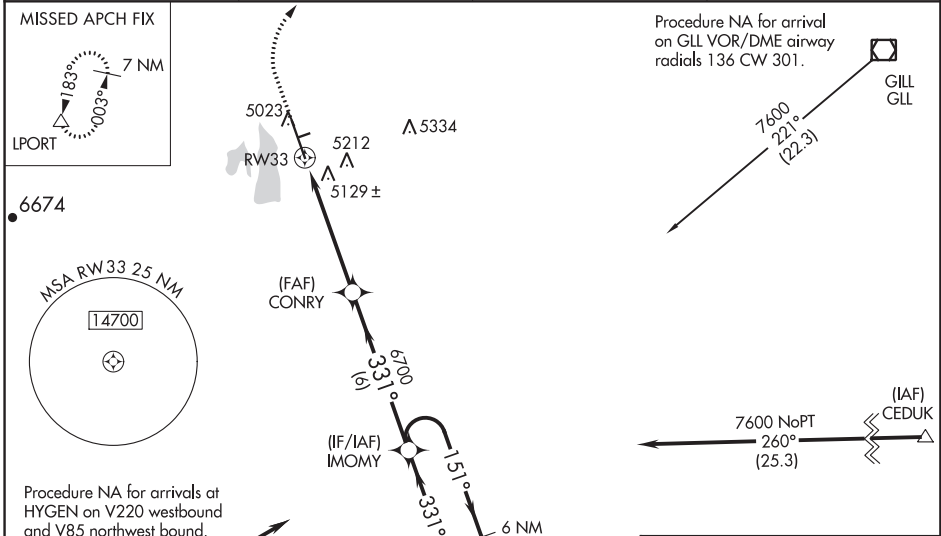
19059

WAAS CH <b>97511</b> <b>W33A</b>	APP CRS <b>331°</b>	Rwy Idg <b>8500</b> TDZE <b>5016</b> Apt Elev <b>5016</b>
--	------------------------	---

# **RNAV (GPS) RWY 33** NORTHERN COLORADO RGNL (FNL)

<p><b>V</b> Circling to Rwy 6/24 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C (-11°F) or above 48°C (119°F). DME/DME RNP-0.3 NA. VDP and Baro-VNAV NA when using Denver Intl altimeter setting. For inop ALS when using Denver Intl altimeter setting, increase LPV all Cats visibility to 1½ mile. When local altimeter setting not received, use Denver Intl altimeter setting and increase all DA 148 feet and all MDA 160 feet; increase LPV all Cats visibility ¼ mile, LNAV/VNAV all Cats visibility ⅓ mile, LNAV and Circling Cats C/D visibility ½ mile.</p>	<p><b>MALSR</b></p>	<p><b>MISSED APPROACH:</b> Climb to 5600 then climbing right turn to 7400 direct LPORT and hold. When authorized by ATC, continue climb-in-hold to 8000.</p>
--	---------------------	--

AWOS-3PT <b>135.075</b>	DENVER APP CON <b>134.85 251.125</b>	CLNC DEL <b>120.25</b>	UNICOM <b>122.7 (CTAF)</b>
----------------------------	---	---------------------------	-------------------------------



7600 NoPT 051° (13.6)

(IAF) HYGEN

5600 7400 LPORT

\*LNAV only \*1.2 NM to RW33

RW33

CONRY 6700

IMOMY 6700

6 NM Holding Pattern

151° 7600

331°

GP 3.00° TCH 51

CATEGORY	A		B		C		D	
LPV DA	5216-½		200 (200-½)					
LNAV/VNAV DA	5430-⅞		414 (500-⅞)					
LNAV MDA	5460-½ 444 (500-½)		5460-⅞ 444 (500-⅞)					
CIRCLING	5500-1 484 (500-1)	5580-1 564 (600-1)	5580-1½ 564 (600-1½)	5760-2½ 744 (800-2½)				

Procedure NA for arrival on DVV VORTAC airway radials 257 CW 314.

7600 NoPT 319° (26.2)

(IAF) MILE HIGH DVV

ELEV 5016 **D** TDZE 5016

GL 0.5% UP 8500 X 100 2273 X 40 5047 5089 33 331° to RW33

REIL Rwy 15 **L**

HIRL Rwy 15-33 **L**

FORT COLLINS/LOVELAND, COLORADO

Amdt 1B 29MAR18

40°27'N-105°01'W

NORTHERN COLORADO RGNL (FNL)

# **RNAV (GPS) RWY 33**

SW-1, 30 JAN 2020 to 26 MAR 2020

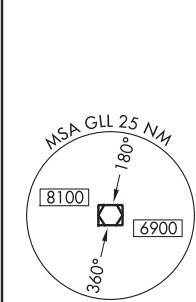
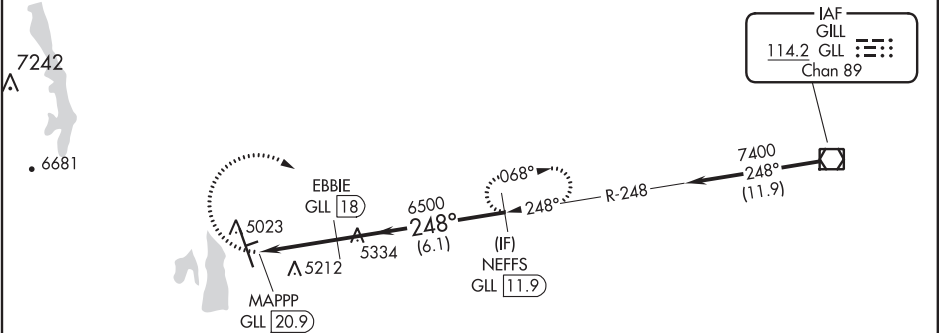
SW-1, 30 JAN 2020 to 26 MAR 2020



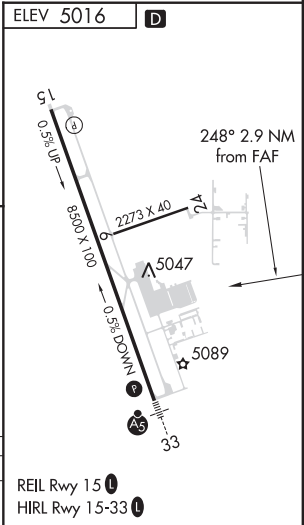
VOR/DME GLL <b>114.2</b> Chan <b>89</b>	APP CRS <b>248°</b>	Rwy Idg TDZE Apt Elev <b>N/A</b> <b>N/A</b> <b>5016</b>
---	------------------------	--

<div><div><div></div><div></div></div><div></div></div>	Circling to Rwy 6/24 NA at night. When local altimeter setting not received, use Denver Intl altimeter setting and increase all MDA 160 feet and Cat C/D visibility ½ SM. DME required.		MISSED APPROACH: Climbing right turn to 7400 via GLL VOR/DME R-248 to NEFFS/GLL 11.9 DME and hold.	
	AWOS-3PT 135.075	DENVER APP CON 134.85 251.125	CLNC DEL 120.25	UNICOM 122.7 (CTAF) 0

Procedure NA for arrivals on GLL VOR/DME  
 airway radials 221 CW 301.



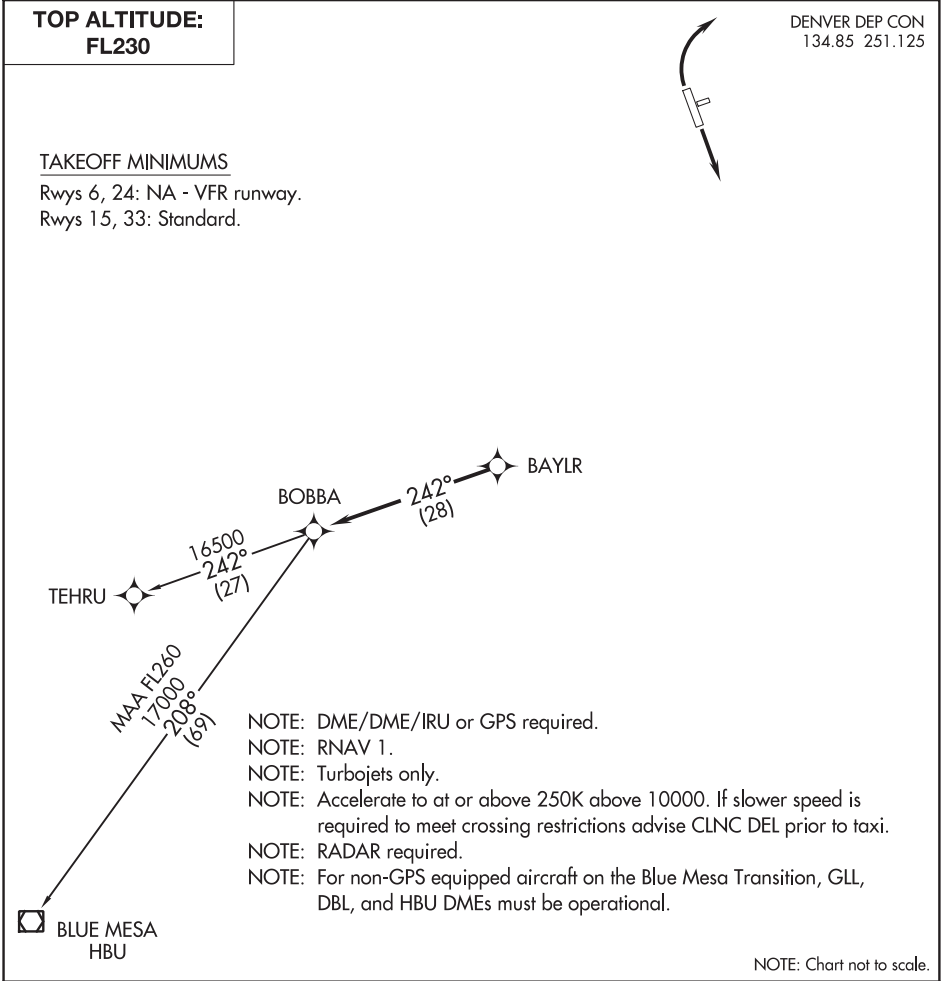
7400 GLL R-248	NEFFS GLL 11.9	EBBIE GLL 18	NEFFS GLL 11.9	7400
MAPPP GLL 20.9		Procedure Turn NA		
2.9 NM		6.1 NM		
CATEGORY	A	B	C	D
CIRCLING	5500-1 484 (500-1)	5580-1 564 (600-1)	5580-1½ 564 (600-1½)	5760-2½ 744 (800-2½)











DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 33: Climbing right turn heading between 350° CW 150° as assigned by ATC. Thence. . . .

. . . .RADAR vectors to BAYLR, then on depicted route to BOBBA, maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

BLUE MESA TRANSITION (BAYLR5.HBU)

TEHRU TRANSITION (BAYLR5.TEHRU)



(BRYCC5.TAYOT) 20030

BRYCC FIVE DEPARTURE (RNAV)

AL-5677 (FAA)

NORTHERN COLORADO RGNL (F'NL)  
FORT COLLINS/LOVELAND, COLORADO

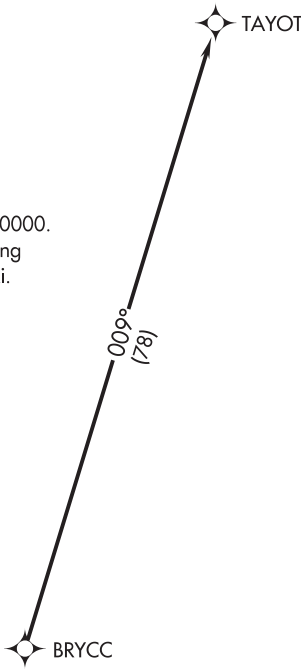
DENVER DEP CON  
134.85 251.125

TOP ALTITUDE:  
FL230

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet crossing  
restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

TAKEOFF MINIMUMS

- Rwys 6, 24: NA - VFR runway.
- Rwys 15, 33: Standard with minimum climb of  
240' per NM to 12000.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC.  
Thence. . .
- TAKEOFF RUNWAY 33: Climbing right turn between 350° CW 150° as assigned by ATC.  
Thence. . .
- . . .RADAR vectors to BRYCC, then as depicted. Maintain FL230 or filed lower altitude,  
expect higher filed altitude 10 minutes after departure.

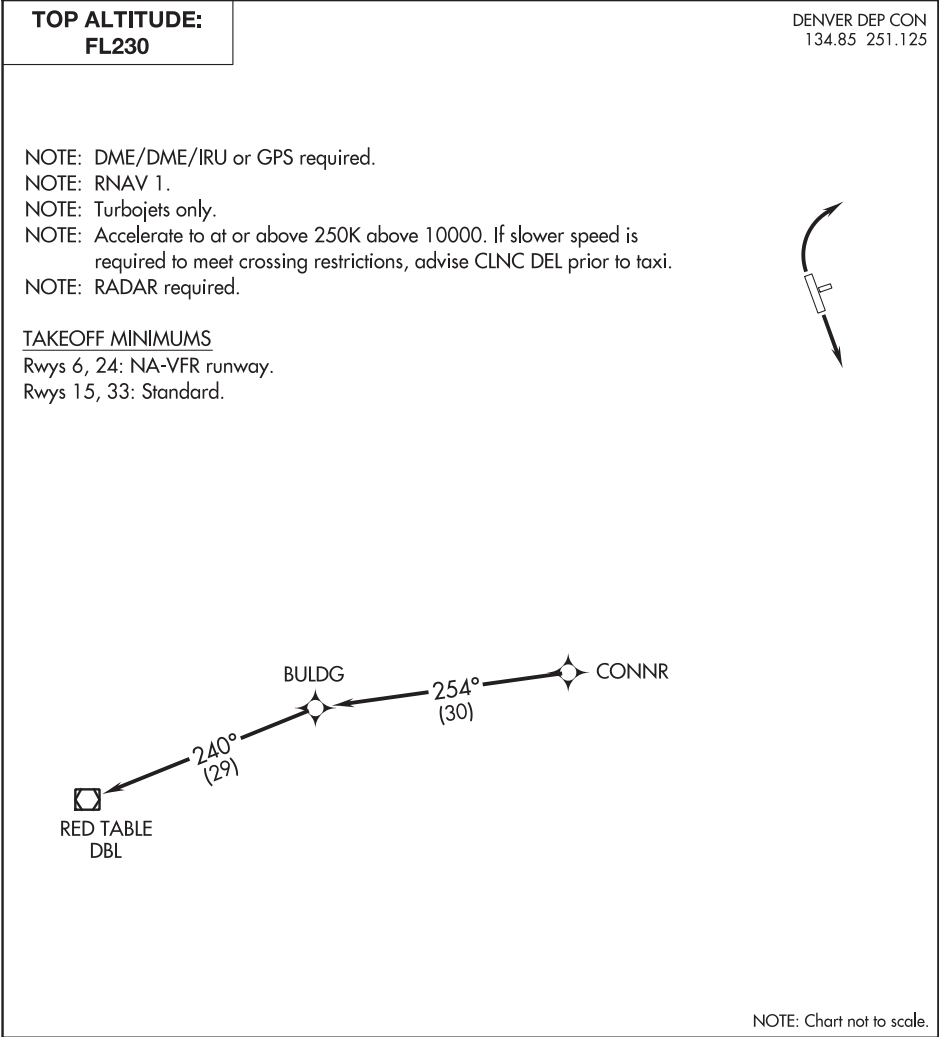
BRYCC FIVE DEPARTURE (RNAV)  
(BRYCC5.TAYOT) 30JAN20

FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO RGNL (F'NL)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION
<p><u>TAKEOFF RUNWAY 15:</u> Climb on heading between 180° CCW 350° as assigned by ATC. Thence. . .</p> <p><u>TAKEOFF RUNWAY 33:</u> Climbing right turn heading between 350° CW 150° as assigned by ATC. Thence. . .</p> <p>. . .RADAR vectors to CONNR, then on depicted route to DBL VOR/DME. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.</p>



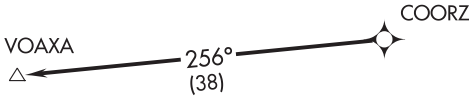
(COORZ5.VOAXA) 20030

COORZ FIVE DEPARTURE (RNAV)

NORTHERN COLORADO RGNL (F'NL)  
FORT COLLINS/LOVELAND, COLORADO

DENVER DEP CON  
134.85 251.125

TOP ALTITUDE:  
FL230



TAKEOFF MINIMUMS

Rwys 6, 24: NA-VFR runway.  
Rwys 15, 33: Standard.

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 33: Climbing right turn heading between 350° CW 150° as assigned by ATC, thence. . . .

. . . .RADAR vectors to COORZ , then on depicted route to VOAXA. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

COORZ FIVE DEPARTURE (RNAV)  
(COORZ5.VOAXA) 30JAN20

FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO RGNL (F'NL)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

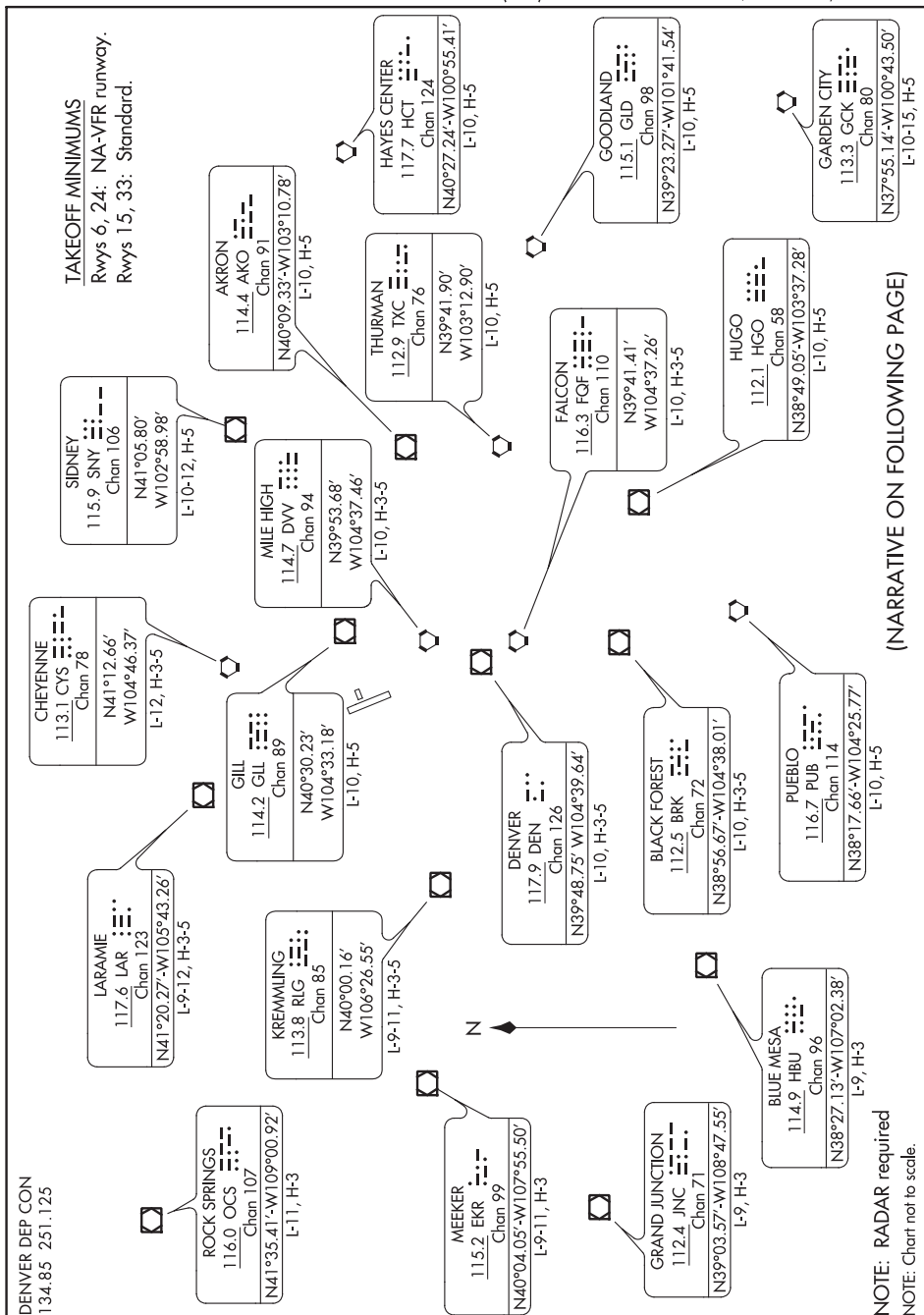


## DENVER TWO DEPARTURE

AL-5677 (FAA)

NORTHERN COLORADO RGNL (FNL)  
FORT COLLINS/LOVELAND, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SW-1, 30 JAN 2020 to 26 MAR 2020

## DENVER TWO DEPARTURE

30 JAN 20

FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO RGNL (FNL)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb to assigned altitude and heading between 180° CCW 350° from end of runway, thence. . . .

TAKEOFF RUNWAY 33: Climbing right turn to assigned altitude and heading between 350° CW 150° from DER, thence. . . .

. . . .RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned route. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

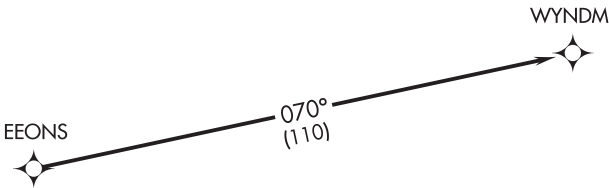


EEONS SEVEN DEPARTURE (RNAV)

DENVER DEP CON  
134.85 251.125

TOP ALTITUDE:  
FL230

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: RADAR required.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.



TAKEOFF MINIMUMS

- Rwys 6, 24: NA-VFR runway.
- Rwys 15, 33: Standard.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC, thence. . . .
- TAKEOFF RUNWAY 33: Climbing right turn heading between 350° CW 150° as assigned by ATC, thence. . . .
- . . . .RADAR vectors to EEONS, then on depicted route to WYNDM. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



(EMMYS7.ZIRKL) 20030

AL-5677 (FAA)

NORTHERN COLORADO RGNL (F'NL)  
FORT COLLINS/LOVELAND, COLORADO

## EMMYS SEVEN DEPARTURE (RNAV)

DENVER DEP CON  
134.85 251.125**TOP ALTITUDE:**  
**FL230**

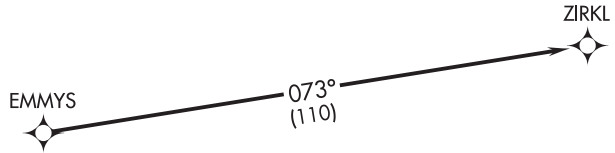
NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: RADAR required.

TAKEOFF MINIMUMS

Rwys 6, 24: NA-VFR runway.

Rwys 15, 33: Standard.

NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC. Thence. . .TAKEOFF RUNWAY 33: Climbing right turn heading between 350° CW 150° as assigned by ATC. Thence. . .

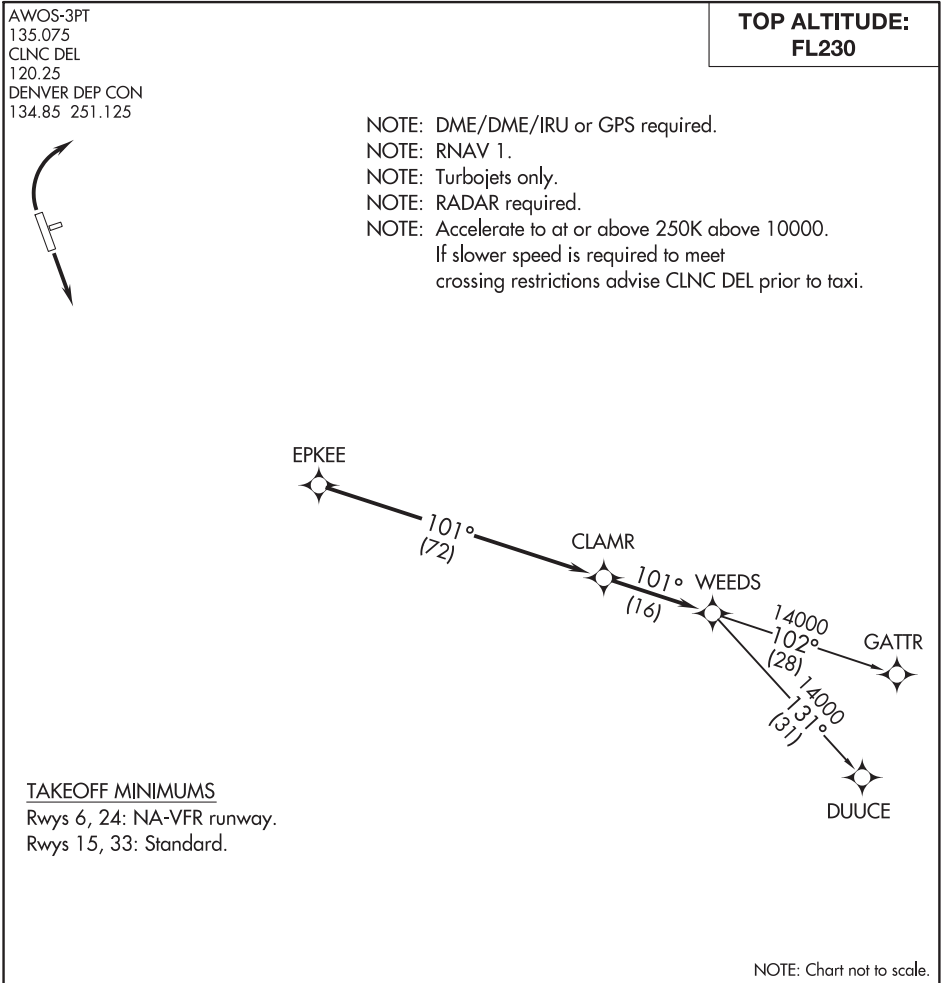
. . .RADAR vectors to EMMYS, then on depicted route to ZIRKL. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

EMMYS SEVEN DEPARTURE (RNAV)  
(EMMYS7.ZIRKL) 30JAN20FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO RGNL (F'NL)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(EXTAN6.SHAYK) 20030

## EXTAN SIX DEPARTURE (RNAV)

AL-5677 (FAA)

NORTHERN COLORADO RGNL (F'NL)  
FORT COLLINS/LOVELAND, COLORADODENVER DEP CON  
134.85 251.125**TOP ALTITUDE:**  
**FL230**

EXTAN

088°  
(81)

CABET

088°  
(28)

SHAYK

**TAKEOFF MINIMUMS**

Rwys 6, 24: NA-VFR runway.

Rwys 15, 33: Standard.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: RADAR required.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: For non-GPS equipped aircraft TXC DME must be operational.

NOTE: Chart not to scale.

**DEPARTURE ROUTE DESCRIPTION****TAKEOFF RUNWAY 15:** Climb on heading between 180° CCW 350° as assigned by ATC.  
Thence . . . .**TAKEOFF RUNWAY 33:** Climbing right turn heading between 350° CW 150° as assigned by ATC, thence . . . .

. . . .RADAR vectors to EXTAN, then on depicted route to SHAYK. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

EXTAN SIX DEPARTURE (RNAV)

(EXTAN6.SHAYK) 30JAN20

FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO RGNL (F'NL)

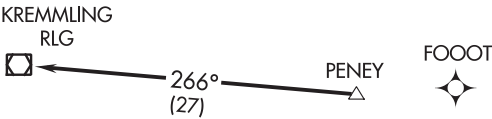
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER DEP CON  
134.85 251.125

TOP ALTITUDE:  
FL230



TAKEOFF MINIMUMS

Rwys 6, 24: NA-VFR runway.  
Rwys 15, 33: Standard.

- NOTE: DME/DME/IRU or GPS required.  
NOTE: RNAV 1.  
NOTE: Turbojets only.  
NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.  
NOTE: RADAR required.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC. Thence. . . .

TAKEOFF RUNWAY 33: Climbing right turn heading between 350° CW 150° as assigned by ATC. Thence. . . .

. . . .RADAR vectors to PENEY, then on depicted route to RLG VOR/DME. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



DENVER DEP CON  
134.85 251.125

**TOP ALTITUDE:  
ASSIGNED BY ATC**

## TAKEOFF MINIMUMS

Rwys 6, 24: NA - VFR Runway.  
Rwys 15, 33: Standard.

NOTE: RADAR required.

DENVER  
117.9 DEN  $\overline{\cdot\cdot}$   
Chan 126  
39°48.75'-W104°39.64'

HUGO  
112.1 HGO  $\frac{\cdot\cdot\cdot}{\cdot\cdot\cdot}$   
Chan 58


SOLAR  
N39°08.80'  
W105°03.55'


ADANE  
N38°54.95'  
W104°23.94'

TEHEV  
N38°33.8'  
W105°24.0'

BLACK FOREST  
112.5 BRK   
Chan 72

— DRAKE  
N38°36.40'  
W104°24.85'

ALAMOSA  
113.9 ALS   
Chan 86  
N37°20.95'-W105°48.93'  
I-8-9, H-4-5

PUEBLO  
116.7 PUB   
Chan 114  
N38°17.66'-W104°25.77'  
I-10 H-5

NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 33: Climbing right turn to assigned altitude and heading between 350° CW 150° from DER, thence . . .

TAKEOFF RUNWAY 15: Climb to assigned altitude and heading between 180° CCW 350° from end of runway, thence . . . .

...RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

**LOST COMMUNICATIONS:** If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

ALAMOSA TRANSITION (PIKES2.ALS): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to ALS VORTAC.

BINKE TRANSITION (PIKES2.BINKE): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to BINKE.

PUEBLO TRANSITION (PIKES2.PUB): From over DEN VOR/DME on DEN R-159 to ADANE, then on PUB R-354 to PUB VORTAC.

## PIKES TWO DEPARTURE

(PIKES2.DEN) 30JAN20

FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO RGNL (FNL)

SW-1, 30 JAN 2020 to 26 MAR 2020







(PLAIN1.DEN) 20030

## PLAINS ONE DEPARTURE

AL-5677 (FAA)

NORTHERN COLORADO RGNL (F'NL)  
FORT COLLINS/LOVELAND, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb to assigned altitude and heading between 180° CCW 350° from end of runway. Thence. . .

TAKEOFF RUNWAY 33: Climbing right turn to assigned altitude and heading between 350° CW 150° from DER. Thence. . .

. . .RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

AKRON TRANSITION (PLAIN1.AKO): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME.

ASHBY TRANSITION (PLAIN1.ASHBY): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to ASHBY.

BELKE TRANSITION (PLAIN1.BELKE): From over DEN VOR/DME on DEN R-076 and MCK R-253 to BELKE INT.

CABET TRANSITION (PLAIN1.CABET): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-084 to CABET.

GARDEN CITY TRANSITION (PLAIN1.GCK): From over DEN VOR/DME on DEN R-100 and GCK R-309 to GCK VORTAC.

GOODLAND TRANSITION (PLAIN1.GLD): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-092 and GLD R-273 to GLD VORTAC.

HAYES CENTER TRANSITION (PLAIN1.HCT): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to HCT VORTAC.

MCCOOK TRANSITION (PLAIN1.MCK): From over DEN VOR/DME on DEN R-076 to TEKMY, then on MCK R-253 to MCK VOR/DME.

THURMAN TRANSITION (PLAIN1.TXC): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC.

WEEDS TRANSITION (PLAIN1.WEEDS): From over DEN VOR/DME on DEN R-100 to WEEDS.

## PLAINS ONE DEPARTURE

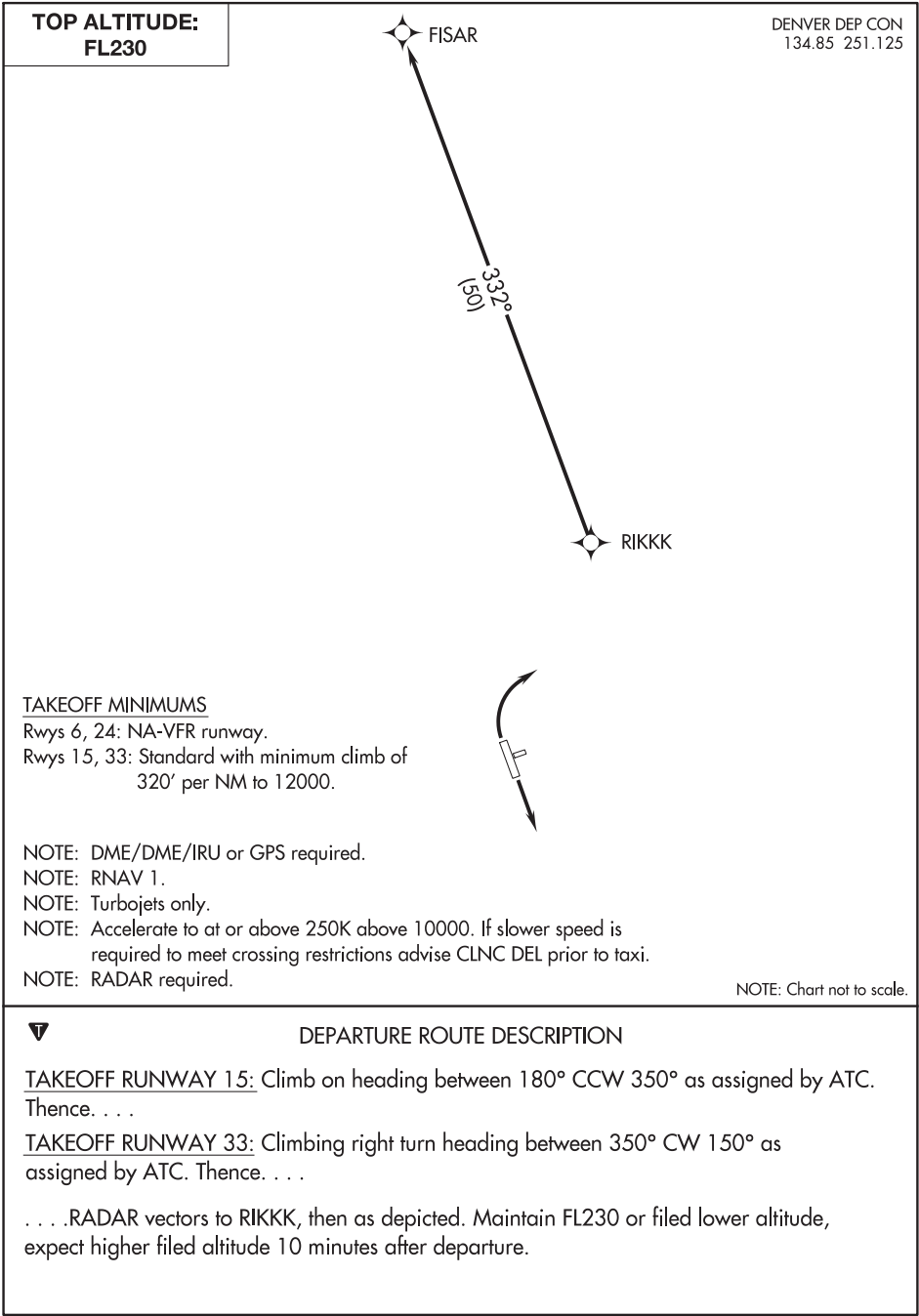
(PLAIN1.DEN) 30JAN20

FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO RGNL (F'NL)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





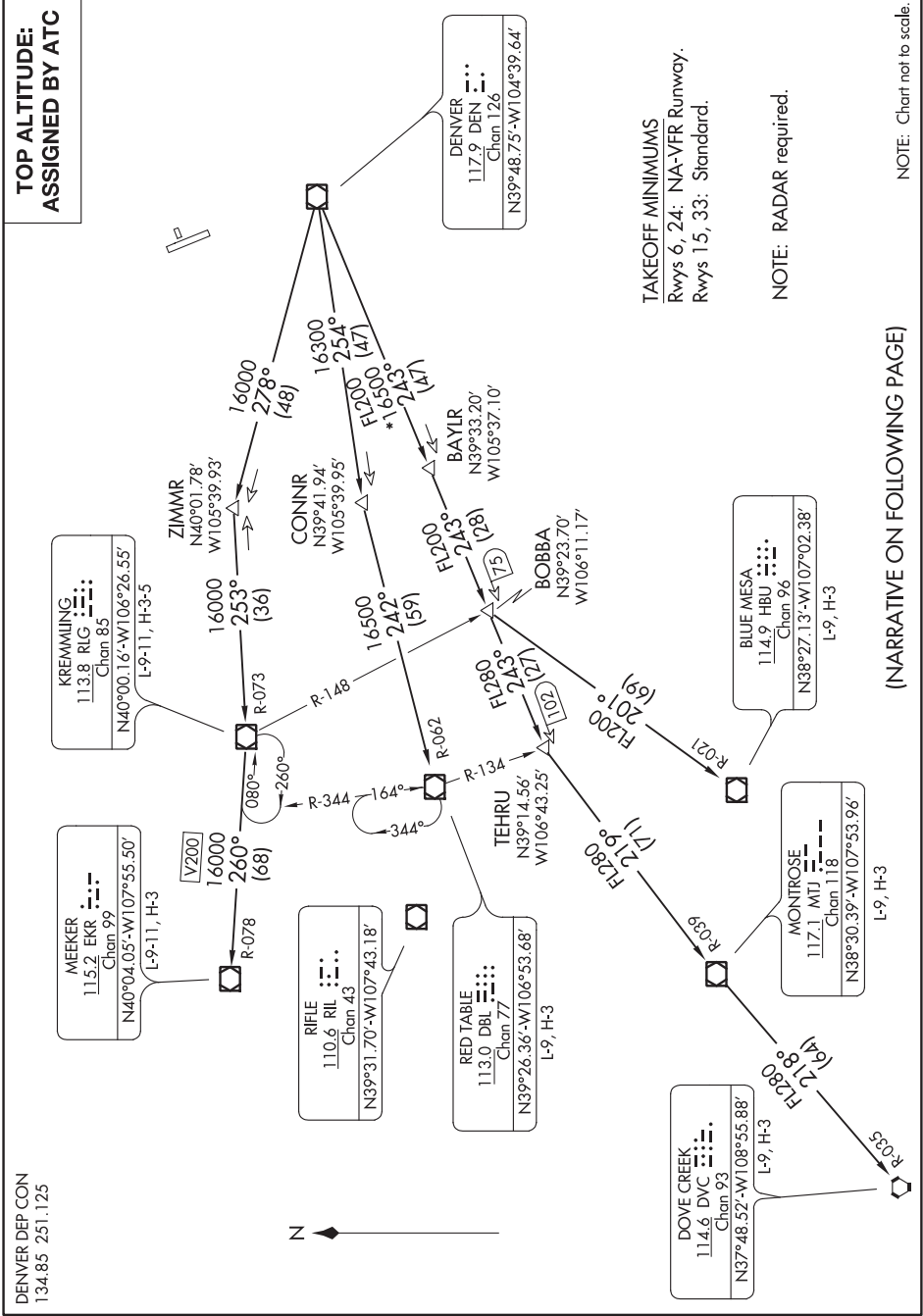


ROCKIES FOUR DEPARTURE

AL-5677 (FAA)

NORTHERN COLORADO RGNL (F'NL)  
FORT COLLINS/LOVELAND, COLORADO

SW-1, 30 JAN 2020 to 26 MAR 2020



ROCKIES FOUR DEPARTURE

FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO RGNL (F'NL)

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb to assigned altitude and heading between 180° CCW 350° from end of runway, thence. . . .

TAKEOFF RUNWAY 33: Climbing right turn to assigned altitude and heading between 350° CW 150° from DER, thence. . . .

. . . .RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

BLUE MESA TRANSITION (ROCKI4.HBU): From over DEN VOR/DME on DEN R-243 and HBU R-021 to HBU VOR/DME.

DOVE CREEK TRANSITION (ROCKI4.DVC): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME, then on MTJ R-218 and DVC R-035 to DVC VORTAC.

KREMMLING TRANSITION (ROCKI4.RLG): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME.

MEEKER TRANSITION (ROCKI4.EKR): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME, then on RLG R-260 and EKR R-078 to EKR VOR/DME.

MONTROSE TRANSITION (ROCKI4.MTJ): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME.

RED TABLE TRANSITION (ROCKI4.DBL): From over DEN VOR/DME on DEN R-254 and DBL R-062 to DBL VOR/DME.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(SOLAR5.DAAYE) 20030

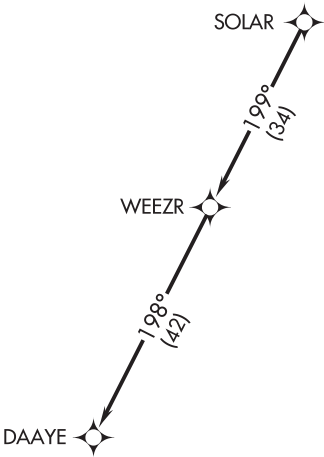
SOLAR FIVE DEPARTURE (RNAV)

NORTHERN COLORADO RGNL (F'NL)  
FORT COLLINS/LOVELAND, COLORADO

AL-5677 (FAA)

DENVER DEP CON  
134.85 251.125

TOP ALTITUDE:  
FL230



TAKEOFF MINIMUMS

Rwys 6, 24: NA-VFR runway.  
Rwys 15, 33: Standard.

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: Turbojets only.
- NOTE: RADAR required.

NOTE: Chart not to scale.



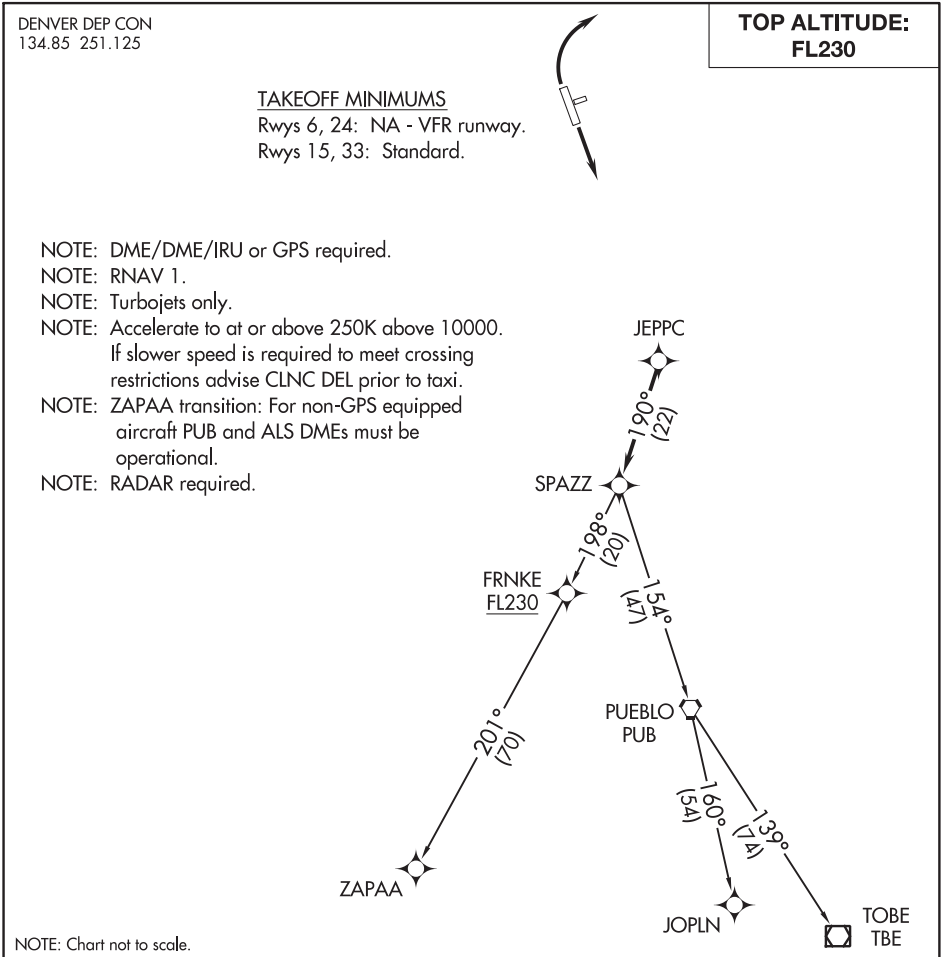
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC. Thence. . . .

TAKEOFF RUNWAY 33: Climbing right turn heading between 350° CW 150° as assigned by ATC. Thence. . . .

. . . .RADAR vectors to SOLAR. Then on depicted route to DAAYE. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC. Thence . . . .

TAKEOFF RUNWAY 33: Climbing right turn heading between 350° CW 150° as assigned by ATC. Thence . . . .

. . . .RADAR vectors to JEPPC, then as depicted. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

JOPLN TRANSITION (SPAZZ5.JOPLN)

TOBE TRANSITION (SPAZZ5.TBE)

ZAPAA TRANSITION (SPAZZ5.ZAPAA)



(STAKR5.PYPER) 20030

STAKR FIVE DEPARTURE (RNAV)

NORTHERN COLORADO RGNL (F'NL)  
FORT COLLINS/LOVELAND, COLORADO

AL-5677 (FAA)

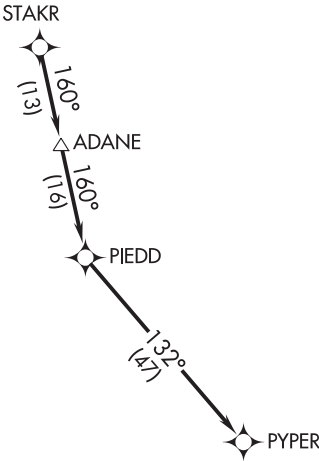
DENVER DEP CON  
134.85 251.125

TOP ALTITUDE:  
FL230

TAKEOFF MINIMUMS

Rwys 6, 24: NA-VFR runway.

Rwys 15, 33: Standard.



- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Accelerate to at or above 250K above 10000.  
If slower speed is required to meet crossing  
restrictions advise CLNC DEL prior to taxi.
- NOTE: RADAR required.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC.  
Thence. . . .

TAKEOFF RUNWAY 33: Climbing right turn heading between 350° CW 150° as  
assigned by ATC. Thence. . . .

. . . .RADAR vectors to STAKR, then on depicted route to PYPER. Maintain FL230 or  
filed lower altitude, expect higher filed altitude 10 minutes after departure.

STAKR FIVE DEPARTURE (RNAV)

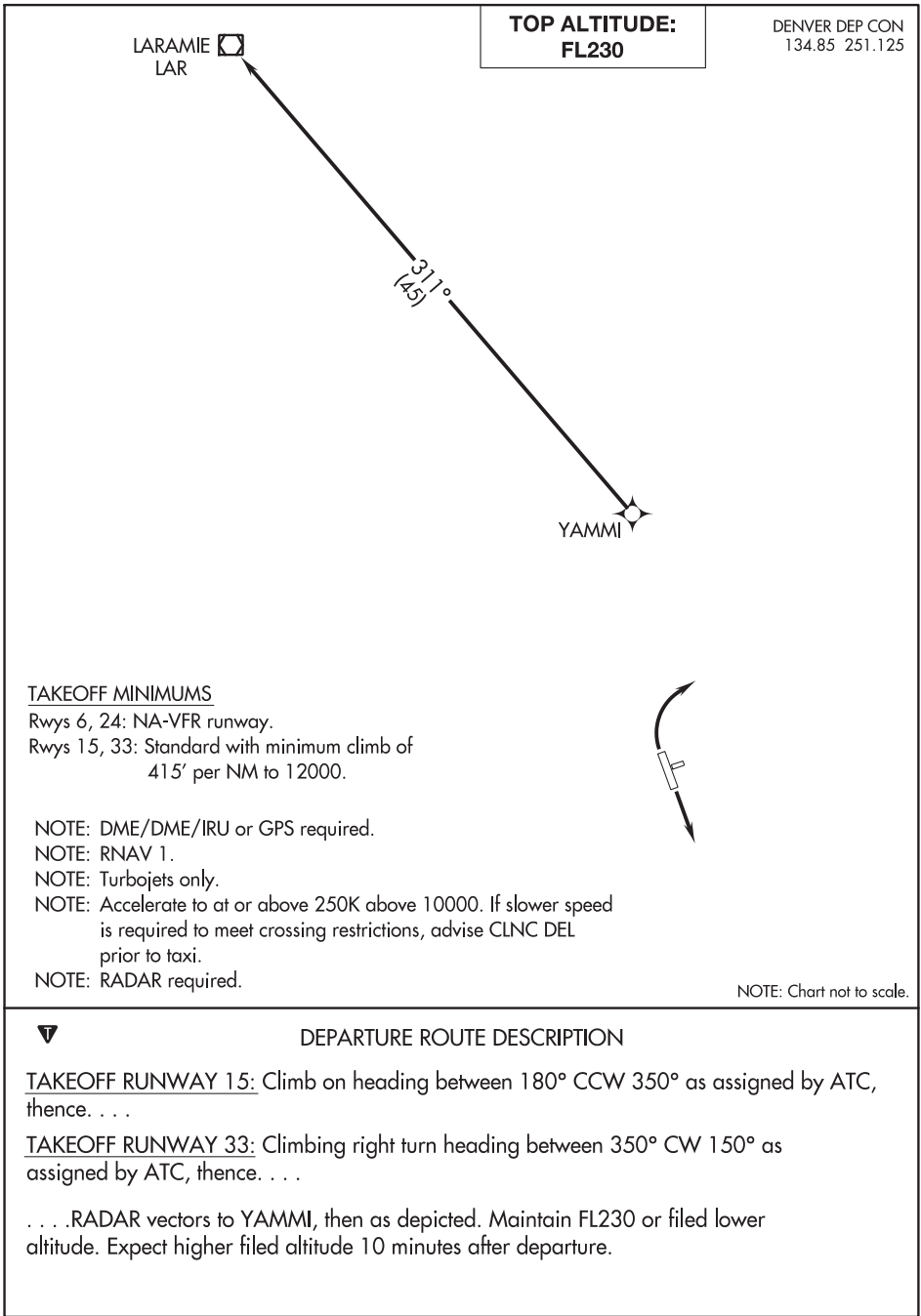
(STAKR5.PYPER) 30JAN20

FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO RGNL (F'NL)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



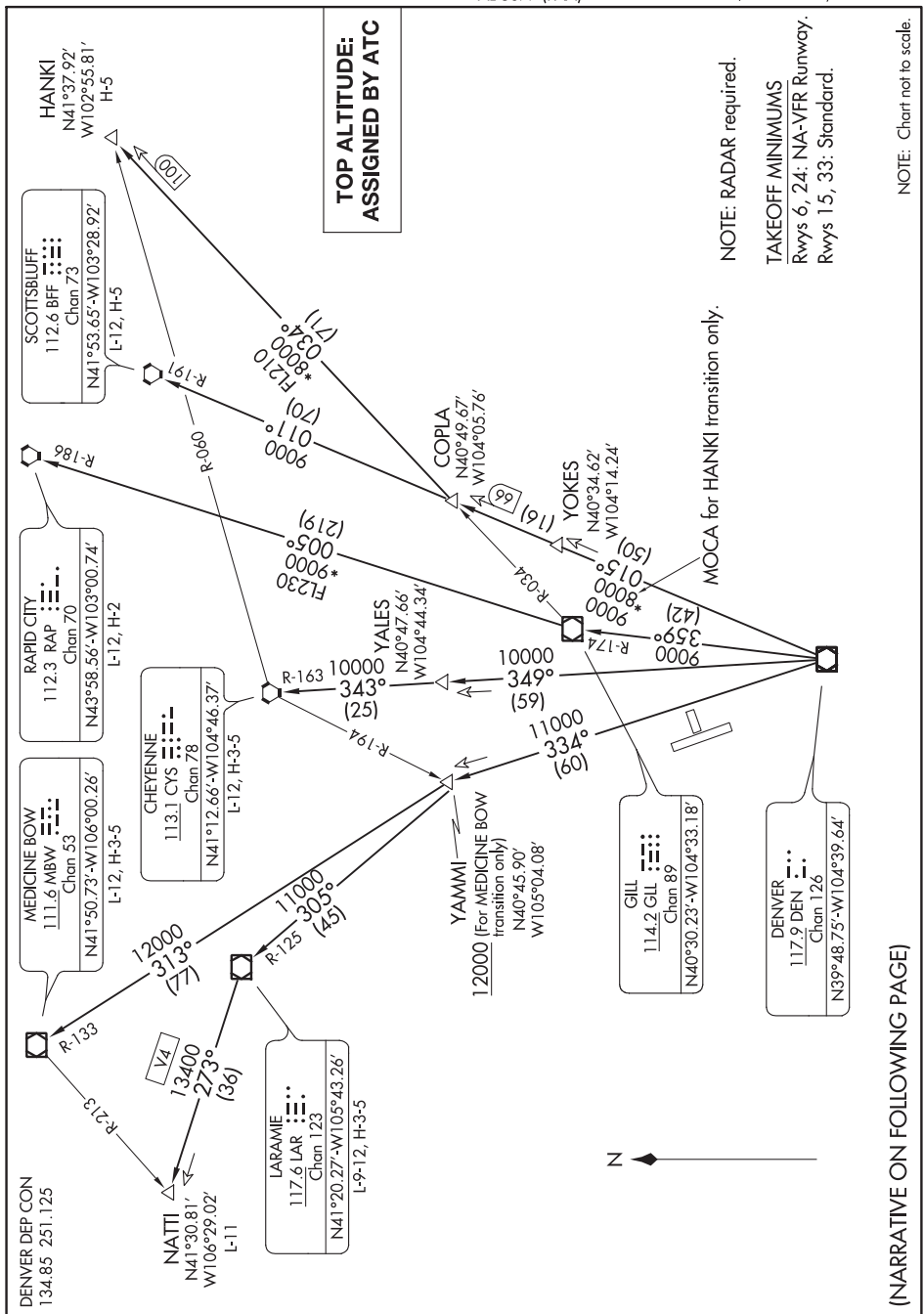




## YELLOWSTONE THREE DEPARTURE

NORTHERN COLORADO RGNL (FNL)

FORT COLLINS/LOVELAND, COLORADO



(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020

NOTE: Chart not to scale.

NOTE: RADAR required.

## TAKEOFF MINIMUMS

Rwys 6, 24: NA-VFR Runway.

Rwys 15, 33: Standard.

SW-1, 30 JAN 2020 to 26 MAR 2020

## YELLOWSTONE THREE DEPARTURE

(YELLO3.DEN) 30JAN20

FORT COLLINS/LOVELAND, COLORADO  
NORTHERN COLORADO PCNII (FNI)

NORTHERN COLORADO RGNL (FNL)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb to assigned altitude and heading between 180° CCW 350° from end of runway, thence. . . .

TAKEOFF RUNWAY 33: Climbing right turn to assigned altitude and heading between 350° CW 150° from DER, thence. . . .

. . . .RADAR vectors to assigned transition. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

CHEYENNE TRANSITION (YELLO3.CYS): From over DEN VOR/DME on DEN R-349 and CYS R-163 to CYS VORTAC.

HANKI TRANSITION (YELLO3.HANKI): From over DEN VOR/DME on DEN R-015 and GLL R-034 to HANKI.

LARAMIE TRANSITION (YELLO3.LAR): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME.

MEDICINE BOW TRANSITION (YELLO3.MBW): From over DEN VOR/DME on DEN R-334 and MBW R-133 to MBW VOR/DME.

NATTI TRANSITION (YELLO3.NATTI): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME, then on LAR R-273 to NATTI.

RAPID CITY TRANSITION (YELLO3.RAP): From over DEN VOR/DME on DEN R-359 and GLL R-174 to GLL VOR/DME, then on GLL R-005 and RAP R-186 to RAP VORTAC.

SCOTTSBLUFF TRANSITION (YELLO3.BFF): From over DEN VOR/DME on DEN R-015 and BFF R-191 to BFF VORTAC.



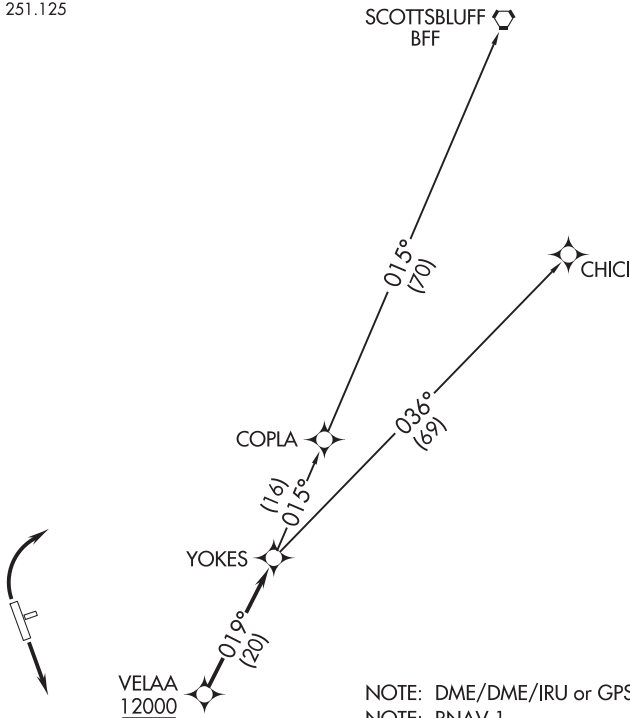
(YOKES7.YOKES) 20030

## YOKES SEVEN DEPARTURE (RNAV)

AL-5677 (FAA)

NORTHERN COLORADO RGNL (F'NL)

FORT COLLINS/LOVELAND, COLORADO

DENVER DEP CON  
134.85 251.125**TOP ALTITUDE:  
FL230**

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000.

If slower speed is required to meet crossing  
restrictions advise CLNC DEL prior to taxi.

NOTE: RADAR required.

TAKEOFF MINIMUMS

Rwys 6, 24: NA-VFR runway.

Rwys 15, 33: Standard with minimum climb of 400' per NM to 8000.

NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading between 180° CCW 350° as assigned by ATC, thence. . . .TAKEOFF RUNWAY 33: Climbing right turn to heading between 350° CW 150° as assigned by ATC, thence. . . .

. . . .RADAR vectors to VELAA, then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

CHICI TRANSITION (YOKES7.CHICI)SCOTTSBLUFF TRANSITION (YOKES7.BFF)

## YOKES SEVEN DEPARTURE (RNAV)

(YOKES7.YOKES) 30JAN20

FORT COLLINS/LOVELAND, COLORADO

NORTHERN COLORADO RGNL (F'NL)

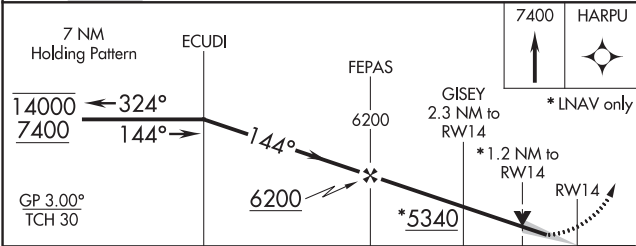
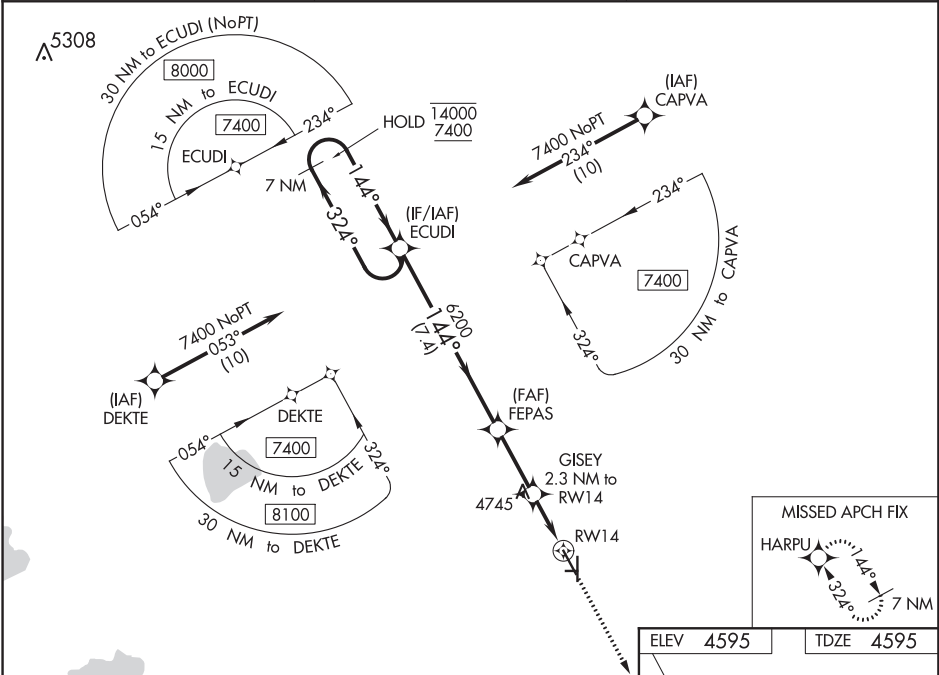


WAAS CH <b>86330</b> <b>W14A</b>	APP CRS <b>144°</b>	Rwy ldg TDZE Apt Elev	<b>5731</b> <b>4595</b> <b>4595</b>
--	------------------------	-----------------------------	---

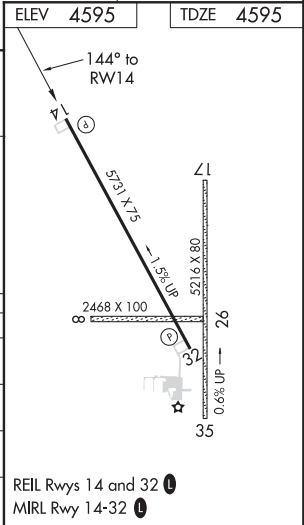
**RNAV (GPS) RWY 14**  
FORT MORGAN MUNI (FMM)

RNP APCH.	MISSED APPROACH: Climb to 7400 direct HARPU and hold.
Circling Rwy 8, 17, 26, 32, 35 NA at night.	

AWOS-3 <b>132.95</b>	DENVER CENTER <b>118.475 225.4</b>	UNICOM <b>123.05 (CTAF) 1</b>
-------------------------	---------------------------------------	----------------------------------



CATEGORY	A	B	C	D
LPV DA	4845-1	250 (300-1)		
LNAV/VNAV DA	4845-1	250 (300-1)		
LNAV MDA	5000-1 405 (500-1)	5000-1½ 405 (500-1½)		
CIRCLING	5040-1 445 (500-1)	5080-1 485 (500-1)	5120-1½ 525 (600-1½)	5340-2½ 745 (800-2½)



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



FORT MORGAN, COLORADO

AL-10684 (FAA)

19003

WAAS CH <b>86438</b> <b>W32A</b>	APP CRS <b>324°</b>	Rwy Idg TDZE <b>4546</b> Apt Elev <b>4595</b>
--	------------------------	---

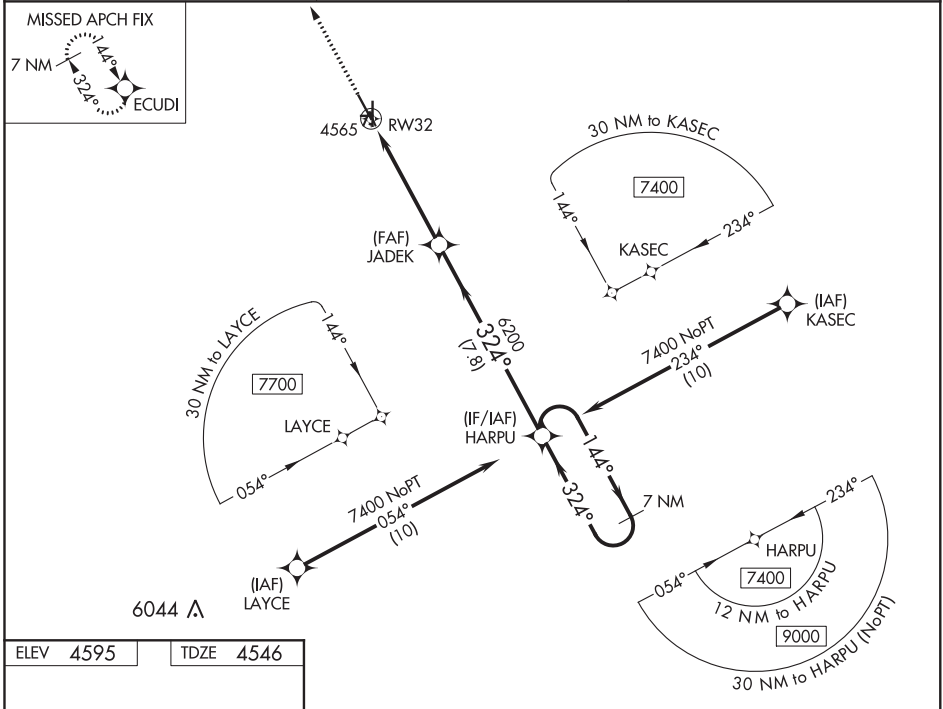
# RNAV (GPS) RWY 32

FORT MORGAN MUNI (FMM)

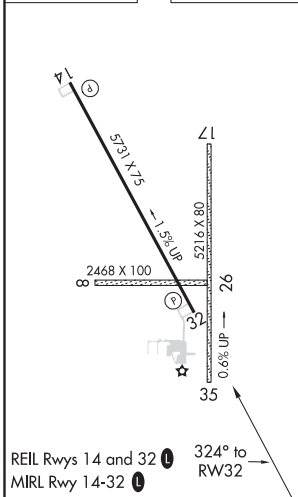
**⚠** DME/DME RNP-0.3 NA. When local altimeter setting not received, use Akron altimeter setting: increase all DA to 4879 feet and all visibilities  $\frac{1}{8}$  mile; increase all MDA 100 feet and all Cat C and D visibilities  $\frac{1}{4}$  mile. Night landing: Rwy 8, 17, 26, 32, 35 NA. Helicopter visibility reduction below 1 SM NA.

**MISSED APPROACH:**  
Climb to 7400 direct ECUDI and hold.

AWOS-3 <b>132.95</b>	DENVER CENTER <b>118.475 225.4</b>	UNICOM <b>123.05 (CTAF) 0</b>
-------------------------	---------------------------------------	----------------------------------



ELEV <b>4595</b>	TDZE <b>4546</b>
------------------	------------------



7400	ECUDI	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 27).				7 NM Holding Pattern
↑	✧	JADEK	6200	HARPU	144° →	7400
		RW32	6200		← 324°	
		5.1 NM	7.8 NM			GP 3.00° TCH 52
CATEGORY	A	B	C	D		
LPV DA	4796-1 250 (300-1)					
LNNAV/VNAV DA	4796-1 250 (300-1)					
LNNAV MDA	4820-1 274 (300-1)					
CIRCLING	5040-1 445 (500-1)	5080-1 485 (500-1)	5120-1½ 525 (600-1½)	5340-2½ 745 (800-2½)		

FORT MORGAN, COLORADO

Amdt 1 04FEB16

40°20'N-103°48'W

FORT MORGAN MUNI (FMM)

# RNAV (GPS) RWY 32

SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS <b>062°</b>	Rwy Idg TDZE Apt Elev <b>7315</b> <b>6465</b> <b>6472</b>
------------------------	--

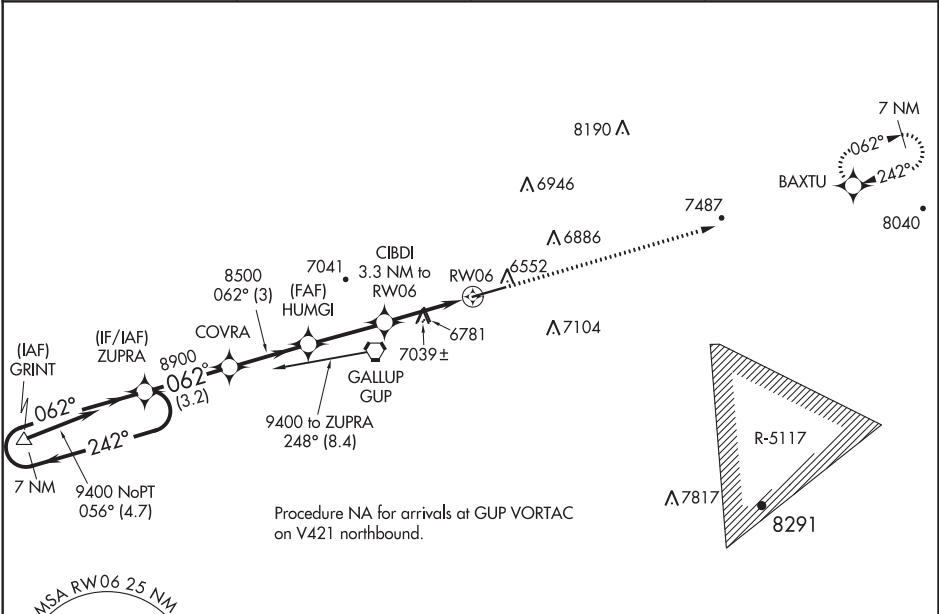
RNAV (GPS) RWY 6

GALLUP MUNI (GUP)

DME/DME RNP 0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Window Rock altimeter setting and increase all MDAs 80 feet, increase LNAV Cats A, C, D visibility and Circling Cats A, C visibility ¼ mile. VDP NA with Window Rock altimeter setting.

MISSED APPROACH: Climb to 9500 direct BAXTU and hold.

ASOS <b>118.375</b>	ALBUQUERQUE CENTER <b>124.325 288.25</b>	ALBUQUERQUE RADIO <b>122.1R</b>	UNICOM <b>122.95 (CTAF)</b>
------------------------	---	------------------------------------	--------------------------------



ELEV 6472

TDZE 6465

7 NM Holding Pattern

ZUPRA

COVRA

HUMGI

CIBDI 3.3 NM to RW06

9500

BAXTU

6500

6520

6501

6524

7315 X 100

Λ 6501

Λ 6524

062° to RW06

7 NM

062°

242°

8900

8500

7580

3.05° TCH 46

2.5 NM to RW06

RW06

3.2 NM

3 NM

2.8 NM

0.8

2.5 NM

CATEGORY	A	B	C	D
LNAV MDA	7300-1 835 (900-1)	7300-1¼ 835 (900-1¼)	7300-2½ 835 (900-2½)	7300-2¾ 835 (900-2¾)
CIRCLING	7300-1 828 (900-1)	7300-1¼ 828 (900-1¼)	7300-2½ 828 (900-2½)	7360-3 888 (900-3)

REIL Rwy 24

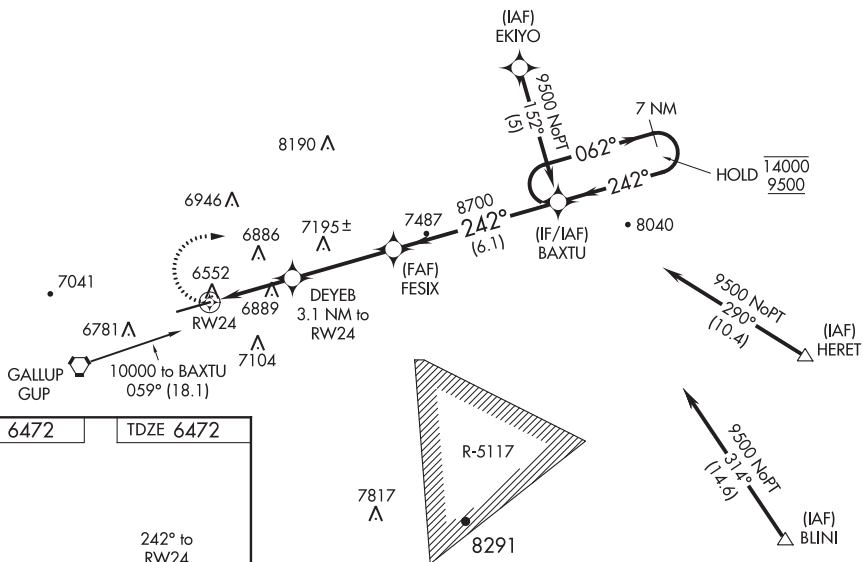
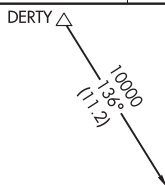
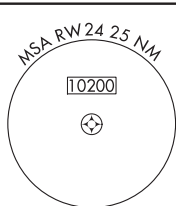
MIRL Rwy 6-24



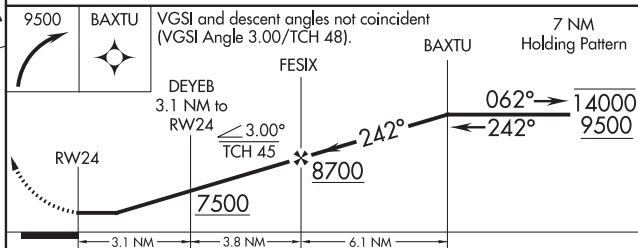
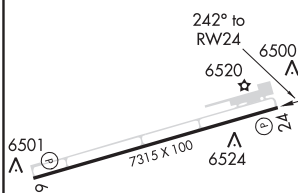
# RNAV (GPS) RWY 24

**MISSED APPROACH:** Climbing right turn to 9500 direct BAXTU and hold.

**T**  
**A** Rwy 24 helicopter visibility reduction below  $\frac{3}{4}$  SM NA.

UNICOM  
122.95 (CTAF) **L**

TDZE 6472



CATEGORY	A	B	C	D
INAV MDA	7360-1¼	888 (900-1¼)	7360-2½	888 (900-2½)
CIRCLING	7360-1¼	888 (900-1¼)	7360-2¾ 888 (900-2¾)	7360-3 888 (900-3)

REIL Rwy 24 **L**  
MIRL Rwy 6-24 **L**

GALLUP, NEW MEXICO  
Orig-A 13SEP18

35°31'N-108°47'W

GALLUP MUNI (GUP)  
RNAV (GPS) RWY 24

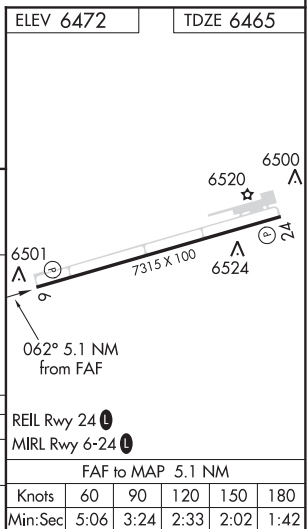
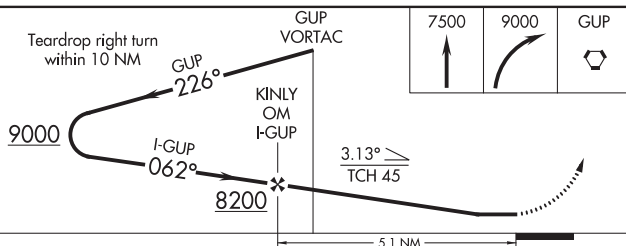
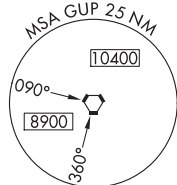
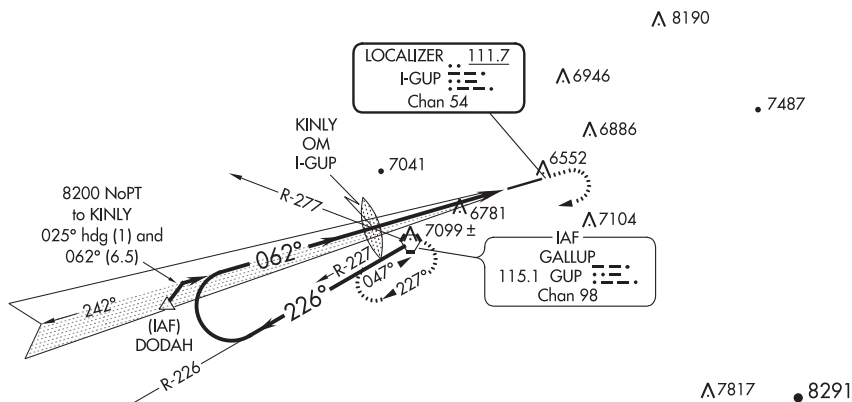
SW-1, 30 JAN 2020 to 26 MAR 2020



LOC RWY 6  
GALLUP MUNI (GUP)

**MISSED APPROACH:** Climb to 7500 then climbing right turn to 9000 direct GUP VORTAC and hold.

ASOS <b>118.375</b>	ALBUQUERQUE CENTER <b>124.325 288,25</b>	ALBUQUERQUE RADIO <b>122.1R</b>	UNICOM <b>122.95 (CTAF) ①</b>
------------------------	---	------------------------------------	----------------------------------

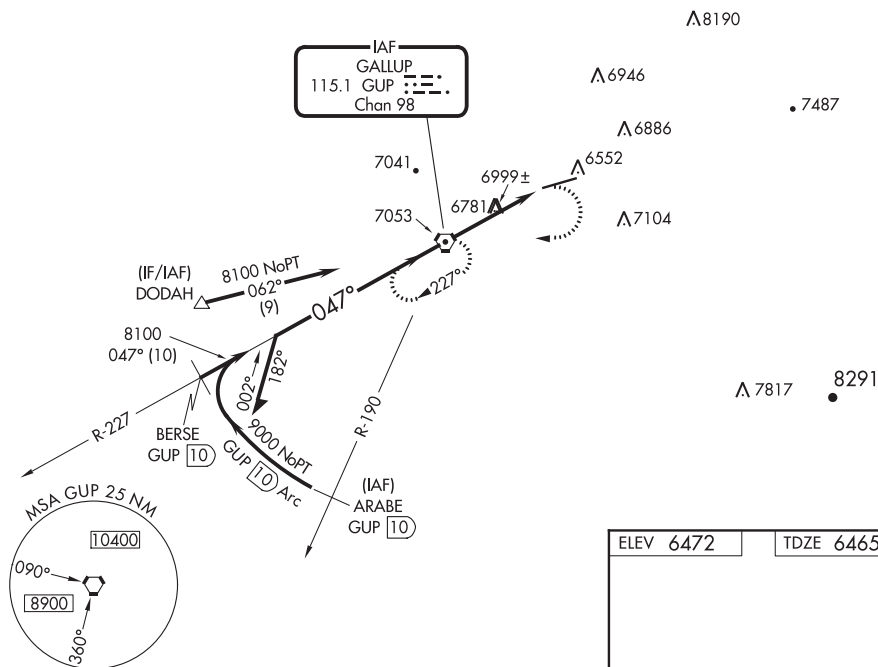




VOR RWY 6  
GALLUP MUNI (GUP)

**MISSED APPROACH:** Climbing right turn to 9000 direct GUP VORTAC and hold.

ASOS <b>118.375</b>	ALBUQUERQUE CENTER <b>124.325 288.25</b>	ALBUQUERQUE RADIO <b>122.1R</b>	UNICOM <b>122.95 (CTAF) 0</b>
------------------------	---	------------------------------------	----------------------------------



VGSI and descent angles no  
(VGSI Angle 3.00/TCH 46).

Remain  
within 10 NM

9000

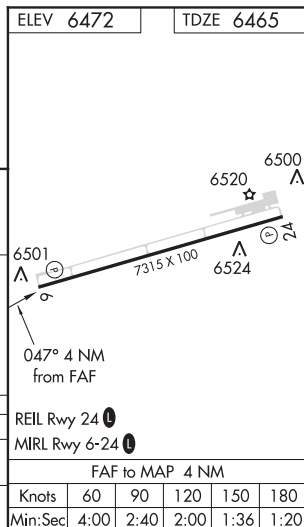
dent    GUP  
VORTAC

 $3.74^\circ$ 

TCH 45

810

CATEGORY	A	B	C	D
S-6	7260-1 795 (800-1)	7260-1¼ 795 (800-1¼)	7260-2½ 795 (800-2½)	NA
CIRCLING	7260-1 788 (800-1)	7260-1¼ 788 (800-1¼)	7260-2½ 788 (800-2½)	7360-3 888 (900-3)



GALLUP MUNI (GUP)  
VOR RWY 6

SW-1, 30 JAN 2020 to 26 MAR 2020

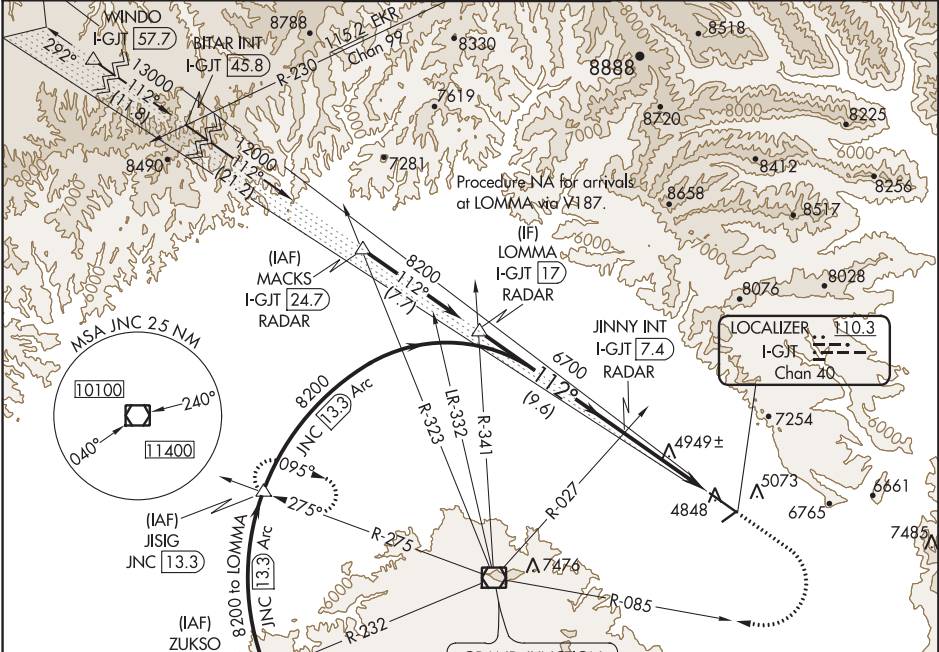


LOC/DME I-GJT <b>110.3</b> Chan <b>40</b>	APP CRS <b>112°</b>	Rwy Idg <b>10503</b> TDZE <b>4833</b> Apt Elev <b>4858</b>
---	------------------------	--

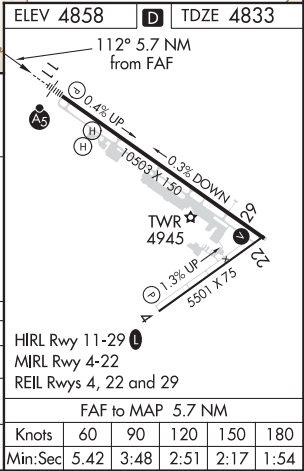
ILS or LOC RWY 11  
GRAND JUNCTION RGNL (GJT)

DME required.	MALSR	MISSED APPROACH: Climb to 6700 then climbing right turn to 9000 via JNC VOR/DME R-085 to JNC VOR/DME then via JNC VOR/DME R-275 to JISIG/JNC 13.3 DME and hold.
For inop ALS, increase S-LOC 11 Cats C and D visibility to RVR 5500. * RVR 1800 authorized with the use of FD or AP or HUD to DA.		

ATIS <b>118.55</b>	DENVER APP CON ★ <b>119.7 317.4</b>	GRAND JUNCTION TOWER ★ <b>118.1 (CTAF) 0 257.8</b>	GND CON <b>121.7 257.8</b>	UNICOM <b>122.95</b>
-----------------------	--	---	-------------------------------	-------------------------



Use I-GJT DME when on the localizer course.				
LOMMA I-GJT 17 RADAR	Procedure Turn NA	JINNY INT I-GJT 7.4 RADAR	JNC R-085	JISIG R-275
VGSi and ILS glidepath not coincident (VGSi Angle 3.00/TCH 51).				
# I-GJT 2.9      I-GJT 1.8      # LOC only				
GS 3.00° TCH 50				
9.6 NM      4.5 NM      1.1 NM				
CATEGORY	A	B	C	D
S-ILS 11	*5033/24 200 (200-½)			
S-LOC 11	5200/24 367 (400-½)	5200/35 367 (400-¾)	5200/40 367 (400-¾)	
CIRCLING	5360-1 502 (600-1)	5420-1 562 (600-1)	5440-1½ 582 (600-1½)	5540-2¼ 682 (700-2¼)





GRAND JUNCTION, COLORADO

AL-634 (FAA)

20030

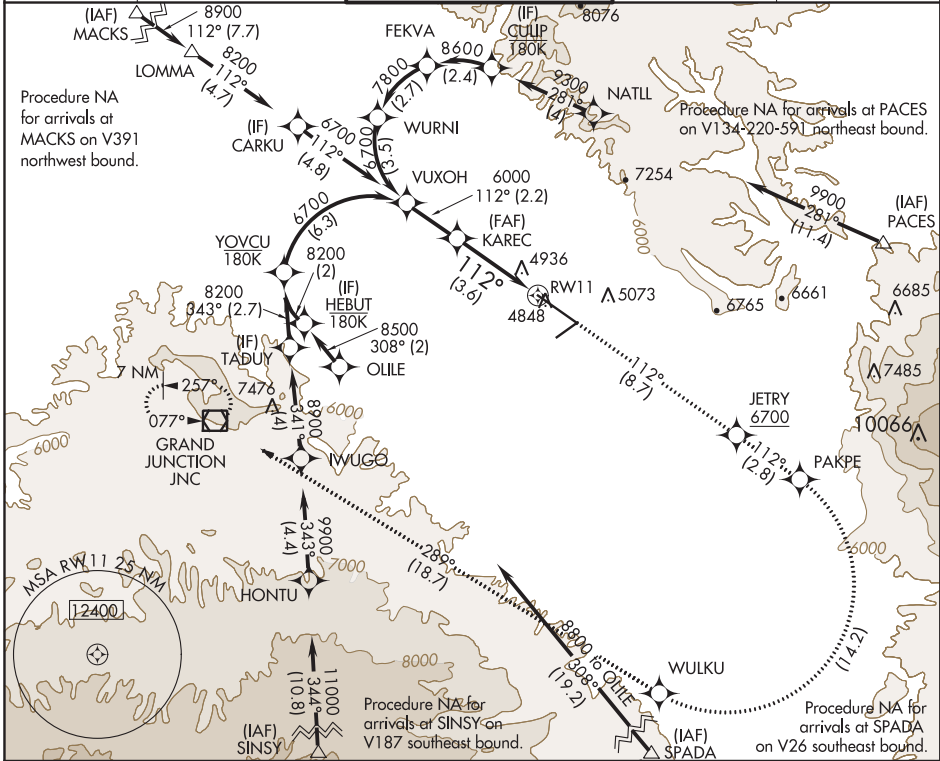
APP CRS  
**112°**Rwy Idg **10503**  
TDZE **4833**  
Apt Elev **4858****RNAV (RNP) Z RWY 11**  
GRAND JUNCTION RGNL (GJT)

**RF and GPS required.** For uncompensated Baro-VNAV systems, procedure NA below +21°C (-6°F) or above 38°C (101°F). For inoperative MALSR, increase RNP 0.10 all Cats visibility to 1 $\frac{3}{8}$  miles, and RNP 0.30 all Cats visibility to 1 $\frac{3}{4}$  miles.

MALSR  

**MISSED APPROACH:** Climb to 9000 on track 112° to JETRY, cross JETRY at or above 6700, and on track 112° to PAKPE, right turn to WULKU, and on track 289° to JNC VOR/DME and hold.

ATIS	DENVER APP CON *	GRAND JUNCTION TOWER *	GND CON	UNICOM
<b>118.55</b>	<b>119.7 317.4</b>	<b>118.1 (CTAF) 0 257.8</b>	<b>121.7 257.8</b>	<b>122.95</b>



VUXOH		9000 ↑ tr 112°	JETRY ✧ tr 112° 6700	PAKPE ✧ tr 289°	WULKU ✧ tr 289°	JNC ◻	ELEV 4858	D	TDZE 4833
GP 3.00° TCH 50		See Planview for multiple IF locations.							
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 51).		RW11							
2.2 NM		3.6 NM							
CATEGORY	A	B	C	D					
RNP 0.10 DA	5254/50		421 (400-1)						
RNP 0.30 DA	5366-1 3/8		533 (500-1 3/8)						
AUTHORIZATION REQUIRED									

112° to RW11

0.4% UP

0.3% DOWN

10303 X 130

TWR 4945

1.3% UP

5501 X 75

HIRL Rwy 11-29

MIRL Rwy 4-22

REIL Rwys 4, 22 and 29

HIRL Rwy 11-29  
MIRL Rwy 4-22  
REIL Rwy 4, 22 and 29

GRAND JUNCTION, COLORADO

Orig-B 11DEC14

39°07'N-108°32'W

GRAND JUNCTION RGNL (GJT)

**RNAV (RNP) Z RWY 11**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

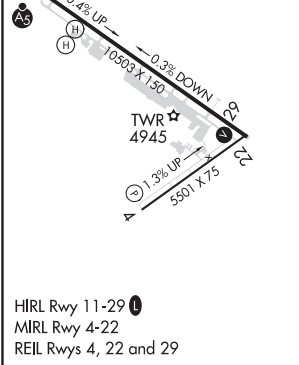
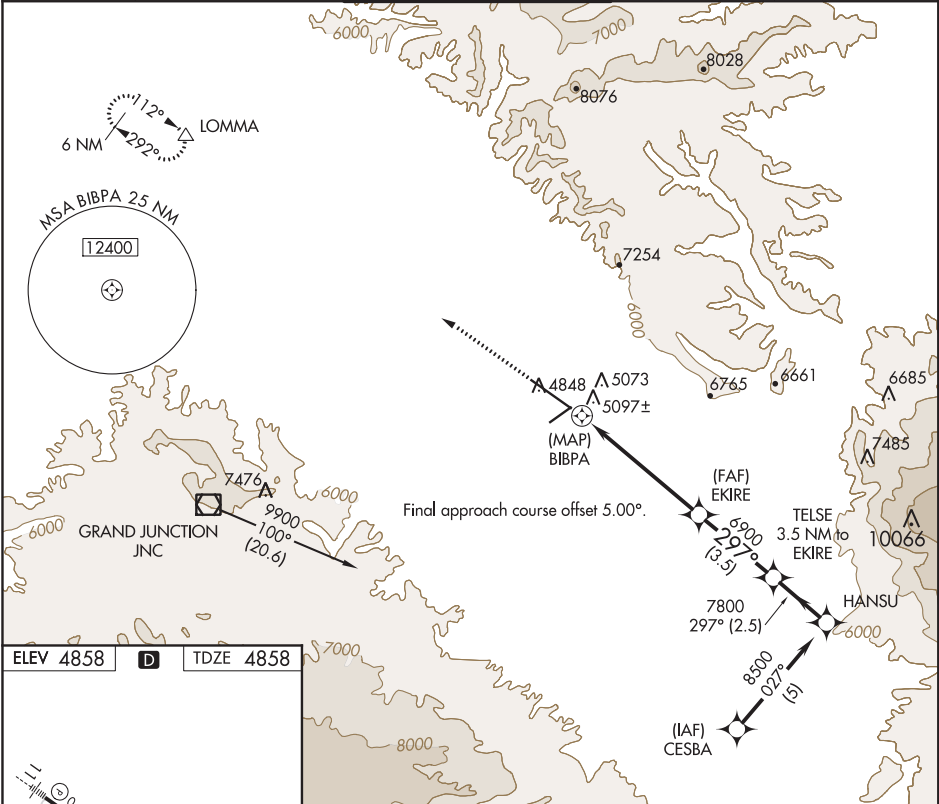


APP CRS <b>297°</b>	Rwy Idg TDZE Apt Elev	<b>10503</b> <b>4858</b> <b>4858</b>
------------------------	-----------------------------	--

**RNAV (GPS) RWY 29**  
GRAND JUNCTION RGNL (GJT)

RNP APCH. ▽ ▲		MISSED APPROACH: Climb to 10000 direct to LOMMA WP and hold.		
---------------------	--	--	--	--

ATIS <b>118.55</b>	DENVER APP CON ★ <b>119.7 317.4</b>	GRAND JUNCTION TOWER ★ <b>118.1 (CTAF) 0 257.8</b>	GND CON <b>121.7 257.8</b>	UNICOM <b>122.95</b>
-----------------------	--	---	-------------------------------	-------------------------



10000 ↑ LOMMA △		VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 51).		HANSU	
		BIBPA		TELSE 3.5 NM to EKIRE	
		EKIRE		8500	
		6900		7800	
		297°		8500	
		TCH 50		Procedure Turn NA	
		0.5		5.5 NM	
		3.5 NM		2.5 NM	
CATEGORY	A	B	C	D	
LNAV MDA	5340-1	482 (500-1)	5340-1¼ 482 (500-1¼)	5340-1½ 482 (500-1½)	
CIRCLING	5400-1 542 (600-1)	5420-1 562 (600-1)	5540-2 682 (700-2)	5640-2½ 782 (800-2½)	



GRAND JUNCTION, COLORADO

AL-634 (FAA)

20030

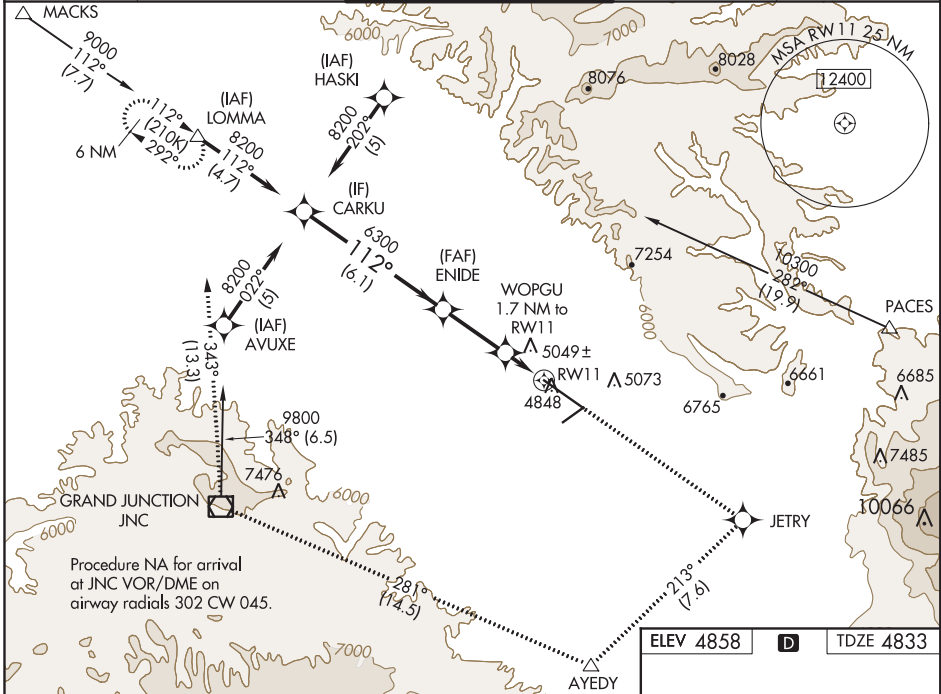
WAAS CH <b>97514</b> <b>W11A</b>	APP CRS <b>112°</b>	Rwy Idg TDZE Apt Elev	<b>10503</b> <b>4833</b> <b>4858</b>
--	------------------------	-----------------------------	--

# RNAV (GPS) Y RWY 11

## GRAND JUNCTION RGNL (GJT)

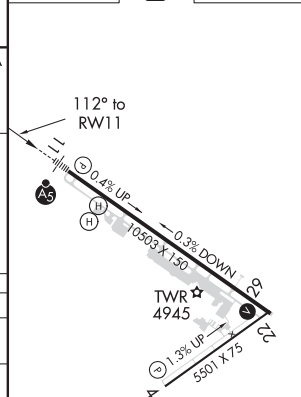
RNP APCH.	MALS R	MISSED APPROACH: Climb to 6700 direct JETRY then climbing right turn to 9000 on track 213° to AYEDY and on track 281° to JNC VOR/DME and on track 343° to LOMMA and hold.
<p>For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C (-11°F) or above 39°C (102°F). When local altimeter setting not received, procedure NA. # RVR 1800 authorized with use of FD or AP or HUD to DA.</p>		

ATIS <b>118.55</b>	DENVER APP CON ★ <b>119.7 317.4</b>	GRAND JUNCTION TOWER ★ <b>118.1 (CTAF) 0 257.8</b>	GND CON <b>121.7 257.8</b>	UNICOM <b>122.95</b>
-----------------------	--	---	-------------------------------	-------------------------



	6700	JETRY	9000	AYEDY	JNC	LOMMA
	↑	✱	↶	△	tr 281°	tr 343°
CARKU	8200	ENIDE	6300	WOPGU 1.7 NM to RW11	RW11	
GP 3.00° TCH 50						
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 51).						
	6.1 NM	2.7 NM	1.7 NM			
CATEGORY	A	B	C	D		
LPV DA #	5033/24 200 (200-½)					
LNAV/VNAV DA	5492-1¾ 659 (700-1¾)					
LNAV MDA	5300/24	467 (500-½)	5300/50	467 (500-1)		
CIRCLING	5360-1 502 (600-1)	5420-1 562 (600-1)	5440-1½ 582 (600-1½)	5540-2¼ 682 (700-2¼)		

ELEV 4858 D TDZE 4833



HIRL Rwy 11-29  
MIRL Rwy 4-22  
REIL Rwy 4, 22 and 29

GRAND JUNCTION, COLORADO

Amdt 1D 03JAN19

39°07'N-108°32'W

GRAND JUNCTION RGNL (GJT)

# RNAV (GPS) Y RWY 11

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

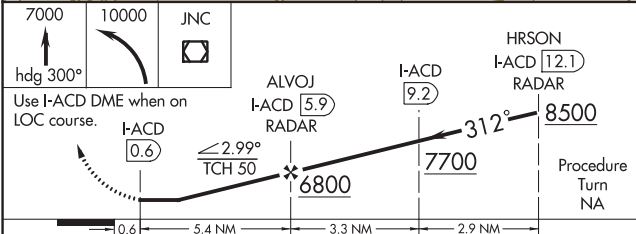
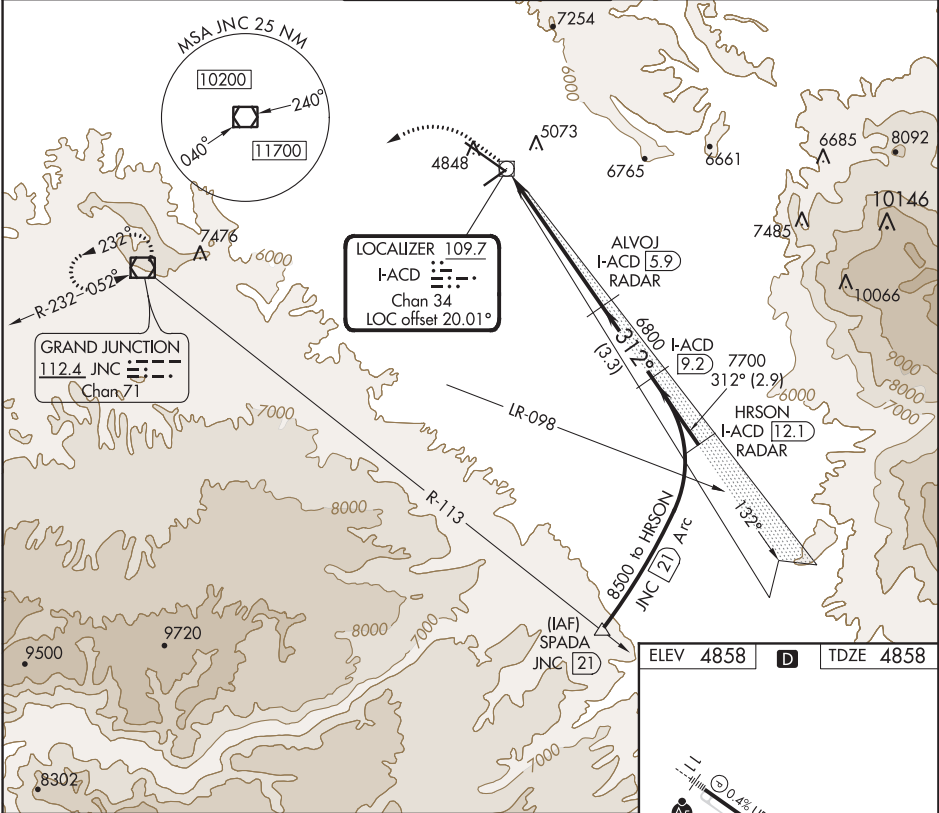


LOC/DME I-ACD <b>109.7</b> Chan <b>34</b>	APP CRS <b>312°</b>	Rwy Idg TDZE Apt Elev	<b>10503</b> <b>4858</b> <b>4858</b>
---	------------------------	-----------------------------	--

LDA/DME RWY 29  
GRAND JUNCTION RGNL (GJT)

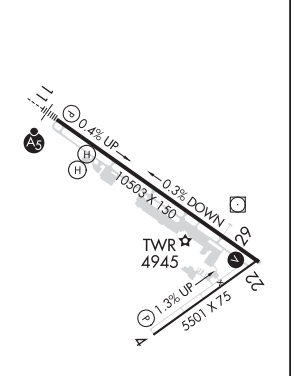
Autopilot coupled approach NA inside 2.0 DME.		MISSED APPROACH: Climb to 7000 via heading 300°, then climbing left turn to 10000 direct JNC VOR/DME and hold.		
---	--	--	--	--

ATIS <b>118.55</b>	DENVER APP CON * <b>119.7 317.4</b>	GRAND JUNCTION TOWER* <b>118.1 (CTAF) 257.8</b>	GND CON <b>121.7 257.8</b>	UNICOM <b>122.95</b>
-----------------------	--	--	-------------------------------	-------------------------



CATEGORY	A	B	C	D
S-29	5400-1 542 (600-1)	542 (600-1)	5400-1½ 542 (600-1½)	5400-1¾ 542 (600-1¾)
CIRCLING	5400-1 542 (600-1)	5420-1 562 (600-1)	5440-1½ 582 (600-1½)	5540-2¼ 682 (700-2¼)

ELEV 4858	D	TDZE 4858
-----------	---	-----------





20030

## AIRPORT DIAGRAM

AL-634 (FAA)

GRAND JUNCTION RGNL (GJT)  
GRAND JUNCTION, COLORADO

ATIS  
118.55  
GRAND JUNCTION TOWER\*  
118.1 257.8  
GND CON  
121.7 257.8

D

108°32'W

108°31'W

ELEV  
4823

0.4% UP

115.1°

39°08'N

10503 X 150

JANUARY 2015  
ANNUAL RATE OF CHANGE  
0.1° W

RUN-UP  
PAD

HS 1

FIELD  
ELEV  
4861

TERMINAL

FIRE STATION

TWR  
4945

39°07'N

ELEV  
4861

RWY 04-22  
S-26, D-26  
RWY 11-29  
PCN 57 F/C/X/T  
S-110, D-180, 2D-260

5501 X 75

0.3% DOWN

295.1°

224.3°

0.4% UP

044.3°

ELEV  
4788

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.  
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

## AIRPORT DIAGRAM

20030

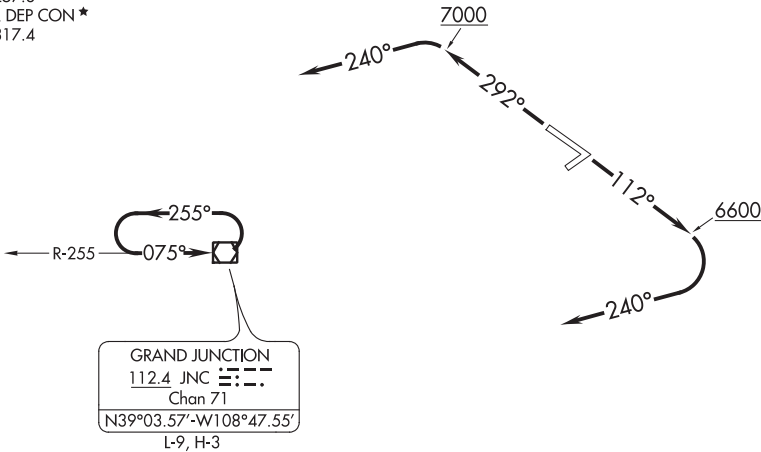
GRAND JUNCTION, COLORADO  
GRAND JUNCTION RGNL (GJT)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



ATIS  
118.55  
GND CON  
121.7 257.8  
GRAND JUNCTION TOWER ★  
118.1 257.8  
DENVER DEP CON ★  
119.7 317.4



TAKEOFF OBSTACLE NOTES

Rwy 11: Pole and light beginning 252' from DER, 266' left of centerline, up to 20' AGL/4880' MSL.  
Tree 3240' from DER, 1352' left of centerline, 100' AGL/5019' MSL.

TAKEOFF MINIMUMS

- Rwy 4: NA - Obstacles.
- Rwy 11: Standard with minimum climb of 390' per NM to 5100.
- Rwy 22: NA - Obstacles, facility reception (JNC VOR/DME).
- Rwy 29: Standard with minimum climb of 220' per NM to 7000.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climb heading 112° to 6600, then climbing right turn via heading 240° until receiving JNC VOR/DME, then proceed direct JNC VOR/DME.  
Thence . . . .

TAKEOFF RUNWAY 29: Climb heading 292° to 7000, then climbing left turn via heading 240° until receiving JNC VOR/DME, then proceed direct JNC VOR/DME.  
Thence . . . .

. . . . Cross JNC VOR/DME at or above MEA/MCA for route of flight. If required, continue climb in JNC holding pattern to cross JNC at or above MEA/MCA for route of flight.



(JNC7.JNC) 18312

AL-634 (FAA)

GRAND JUNCTION RGNL (GJT)

## GRAND JUNCTION SEVEN DEPARTURE

GRAND JUNCTION, COLORADO

ATIS  
118.55  
GND CON  
121.7 257.8  
GRAND JUNCTION TOWER ★  
118.1 257.8  
DENVER DEP CON ★  
119.7 317.4  
UNICOM  
122.95

**TOP ALTITUDE:**  
**6000**

MEEKER  
115.2 EKR  
Chan 99

SQUAT  
N39°18.64'  
W108°13.36'  
L-9  
12000

RED TABLE  
113.0 DBL  
Chan 77

DIRDY  
N38°55.80'  
W107°30.91'  
L-9, H-3

BRICK  
N38°44.99'  
W108°17.36'  
L-9

HONKR  
N39°01.47'  
W108°25.90'  
11000

PACES  
N39°09.95'  
W108°16.73'  
L-9  
13000

GRAND JUNCTION  
112.4 JNC  
Chan 71  
N39°03.57'-W108°47.55'

NOTE: BRICK and DIRDY TRANSITIONS:  
DME required.

## TAKEOFF MINIMUMS

Rwy 4: NA - Obstacles.

Rwy 22: NA - Obstacles, facility reception (JNC VOR/DME).

Rwy 11: Standard with minimum climb of 300' per NM to 9300.

Rwy 29: Standard with minimum climb of 300' per NM to 8300.

NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climb heading 112° to 6000, then climbing right turn direct JNC VOR/DME, thence. . . .

TAKEOFF RUNWAY 29: Climb heading 292° to 6000, then climbing left turn direct JNC VOR/DME, thence. . . .

. . . on transition/route.

BRICK TRANSITION (JNC7.BRICK): From over JNC VOR/DME via JNC R-113 to BRICK/JNC 30 DME.

DIRDY TRANSITION (JNC7.DIRDY): From over JNC VOR/DME via JNC R-082 to DIRDY INT/JNC 60 DME.

PACES TRANSITION (JNC7.PACES): From over JNC VOR/DME via JNC R-060 to PACES INT/JNC 25 DME.

SQUAT TRANSITION (JNC7.SQUAT): From over JNC VOR/DME via JNC R-045 to SQUAT INT/JNC 31 DME.

GRAND JUNCTION SEVEN DEPARTURE

(JNC7.JNC) 21JUL16

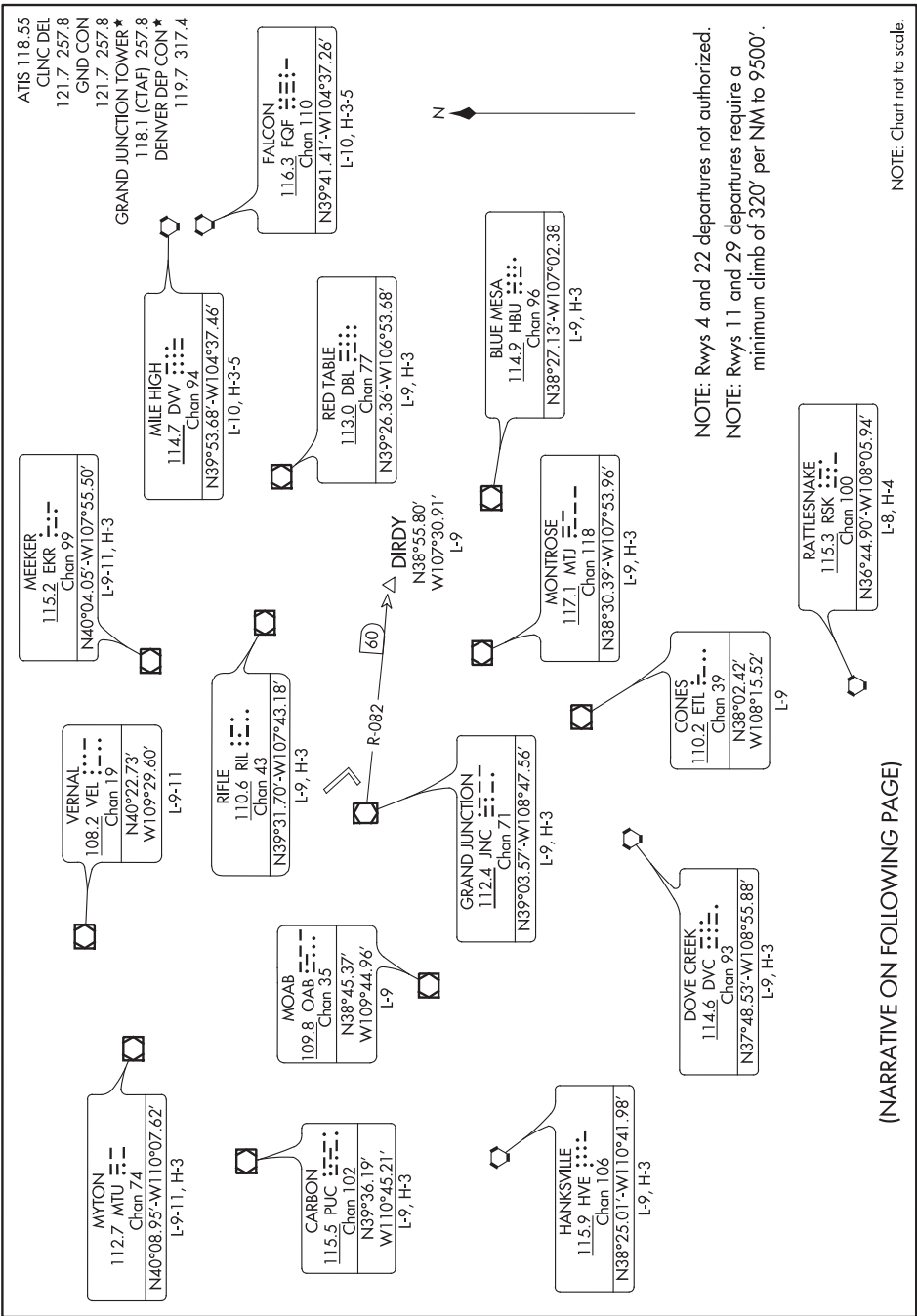
GRAND JUNCTION, COLORADO  
GRAND JUNCTION RGNL (GJT)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

Fly assigned heading for vectors to assigned fix/route. Maintain 14000 or assigned lower altitude. Expect filed altitude 10 minutes after departure.

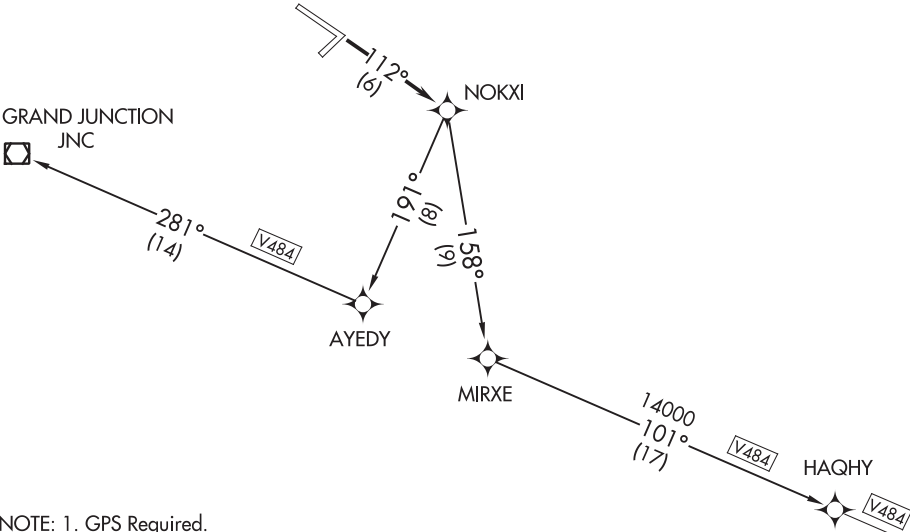
LOST COMMUNICATIONS: If no transmissions are received within 1 minute after departure, Runway 11: Climbing right turn direct to JNC VOR/DME; Runway 29: Climb to 6000' then climbing left turn direct to JNC VOR/DME. Aircraft departing JNC R-221 clockwise JNC R-060, depart JNC VOR/DME on course. All other aircraft climb in JNC VOR/DME holding pattern (hold SW, left turns, 075° inbound) to cross JNC VOR/DME at or above: R-061 clockwise R-130 9500'; R-131 clockwise R-220 10500'.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



GRAND JUNCTION TOWER★  
118.1 257.8  
DENVER DEP CON★  
119.7 317.4



NOTE: 1. GPS Required.  
2. RNAV 1

TAKEOFF MINIMUMS:  
Rwy 4, 22, 29: NA.  
Rwy 11: GRAND JUNCTION TRANSITION: 2300-3 or standard with a minimum climb of 250' per NM from takeoff to 8000'. HAQHY TRANSITION: 5500-3 or standard with a minimum climb of 280' per NM from take-off to 11,000.

GRAND JUNCTION TRANSITION: Do not exceed 200K until AYEDY WP, cross JNC VOR/DME at MEA/MCA for direction of flight.

NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climb via 112° course to NOKXI WP.

GRAND JUNCTION TRANSITION (NOKXI1.JNC)

HAQHY TRANSITION (NOKXI1.HAQHY)



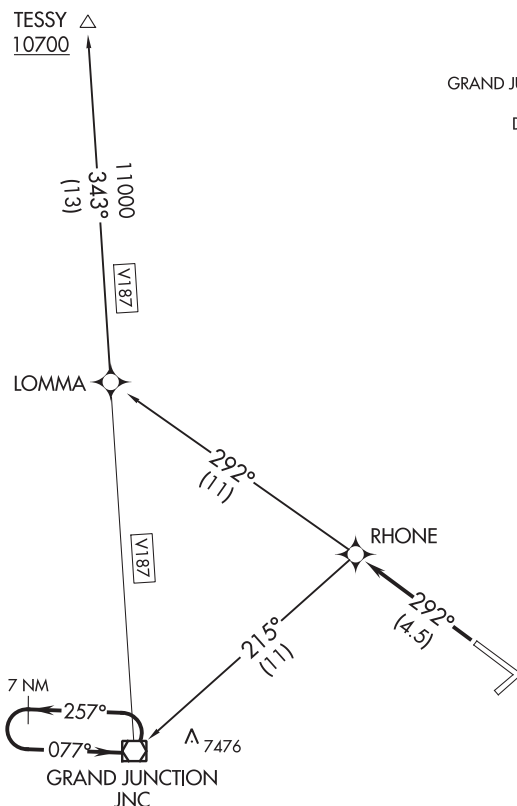
(RHONE2.RHONE) 16147

## RHONE TWO DEPARTURE (RNAV)

AL-634 (FAA)

GRAND JUNCTION RGNL (GJT)

GRAND JUNCTION, COLORADO



ATIS  
 118.55  
 GND CON  
 121.7 257.8  
 GRAND JUNCTION TOWER ★  
 118.1 257.8  
 DENVER DEP CON ★  
 119.7 317.4  
 UNICOM  
 122.95

NOTE: GPS required.

NOTE: RNAV 1

TAKEOFF MINIMUMS

Rwy 4, 11, 22: NA.

Rwy 29: GRAND JUNCTION TRANSITION: 2700-2 or standard with a minimum climb of 280' per NM from take-off to 8000'

TESSY TRANSITION: 2700-2 or standard with a minimum climb of 220' per NM from LOMMA WP to TESSY INT or 210' per NM from take-off to 10700'.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 29: Climb via 292° course to RHONE WP.

GRAND JUNCTION TRANSITION (RHONE2.JNC): Aircraft departing JNC VORTAC R-221 CW R-060 depart on course. All other aircraft climb in JNC VORTAC holding pattern to cross JNC VORTAC at or above: R-061 CW R-130 9500, R-131 CW R-220 10500, before proceeding en route.

TESSY TRANSITION (RHONE2.TESSY)

## RHONE TWO DEPARTURE (RNAV)

(RHONE2.RHONE) 30NOV00

GRAND JUNCTION, COLORADO  
 GRAND JUNCTION RGNL (GJT)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

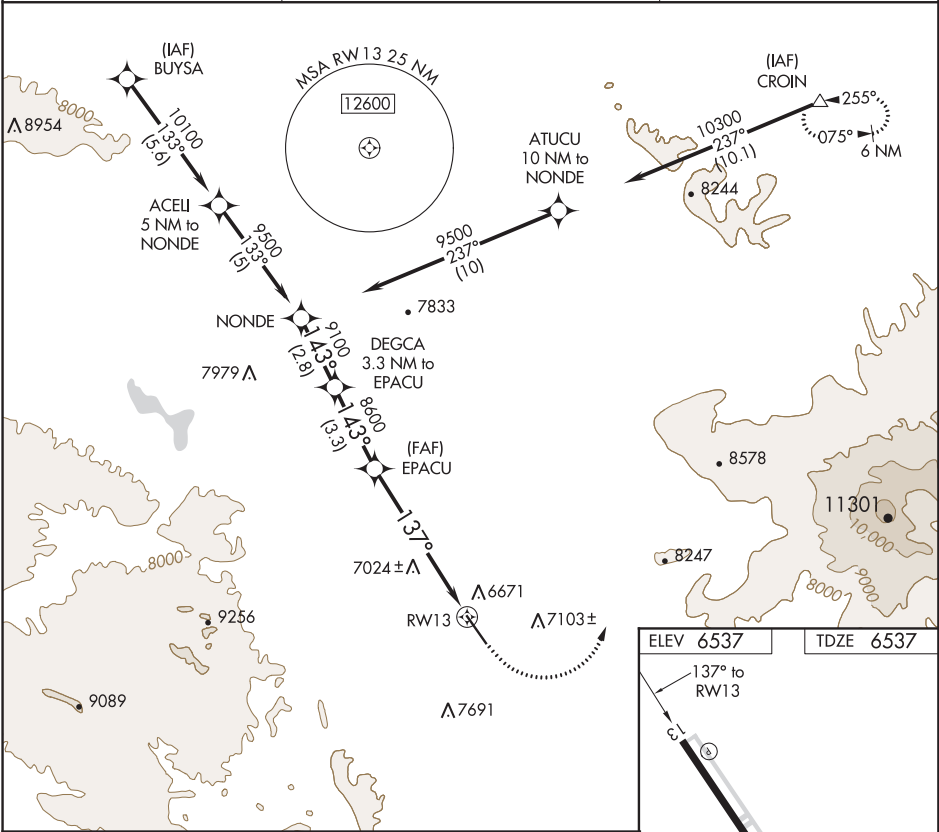


APP CRS	Rwy Idg	7172
137°	TDZE	6537
	Apt Elev	6537

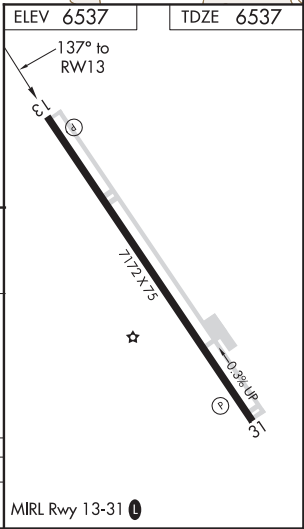
RNAV (GPS) RWY 13  
GRANTS-MILAN MUNI (GNT)

RNP APCH.	MISSED APPROACH: Climb to 8000, then climbing left turn to 10400 direct CROIN WP and hold.
NA If local altimeter setting not received, procedure NA. Rwy 13 helicopter visibility reduction below 3/4 SM NA.	

AWOS-3PT 118.3	ALBUQUERQUE CENTER 124.325 288.25	UNICOM 122.8 (CTAF)
-------------------	--------------------------------------	------------------------



NONDE	DEGCA 3.3 NM to EPACU	EPACU	8000	10400	CROIN
9500	9100	8600	8000	10400	CROIN
Procedure Turn NA	143°	3.05° TCH 40	2.5 NM to RW13	2.5 NM	
2.8 NM	3.3 NM	3.7 NM	2.5 NM		
CATEGORY	A	B	C	D	
LNAV MDA	7380-1 843 (900-1)	7380-1¼ 843 (900-1¼)	7380-2½ 843 (900-2½)	NA	





GRANTS, NEW MEXICO

AL-9065 (FAA)

19059

APP CRS <b>312°</b>	Rwy Idg <b>7172</b>
	TDZE <b>6522</b>
	Apt Elev <b>6537</b>

# RNAV (GPS) RWY 31

## GRANTS-MILAN MUNI (GNT)

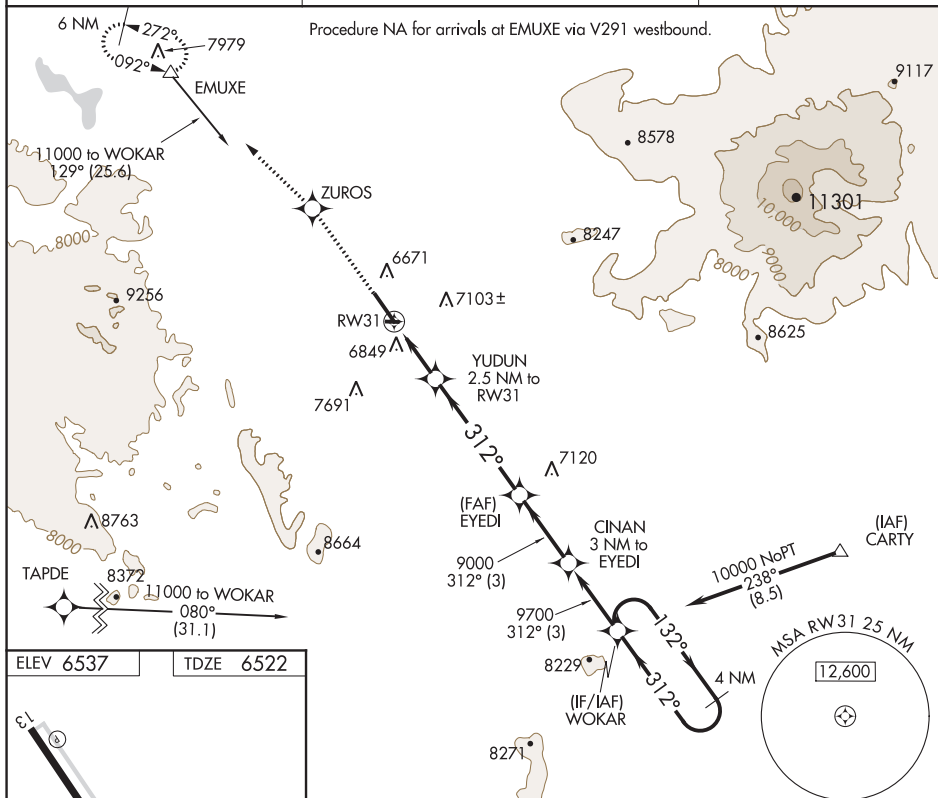
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 11000 direct ZUROS WP and left turn via 302° track to EMUXE WP and hold.
NA Circling not authorized east of Rwy 13-31.	

AWOS-3PT  
**118.3**

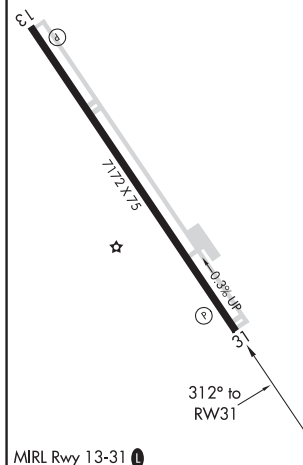
ALBUQUERQUE CENTER  
**124.325 288.25**

UNICOM  
**122.8 (CTAF) 0**

Procedure NA for arrivals at EMUXE via V291 westbound.



ELEV 6537 TDZE 6522



11000	ZUROS	EMUXE	CINAN 3 NM to EYEDI	WOKAR 4 NM Holding Pattern
1.7 NM to RW31	YUDUN 2.5 NM to RW31	EYEDI	9000	132° 312° 10000
1.7	0.8	5.1 NM	3 NM	3 NM
CATEGORY	A	B	C	D
RNAV MDA	7100-1	578 (600-1)	7100-1½ 578 (600-1½)	NA
CIRCLING	7160-1	623 (700-1)	7160-1¾ 623 (700-1¾)	NA

GRANTS, NEW MEXICO

Orig-A 20JAN05

35°10'N-107°54'W

# GRANTS-MILAN MUNI (GNT)

## RNAV (GPS) RWY 31

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



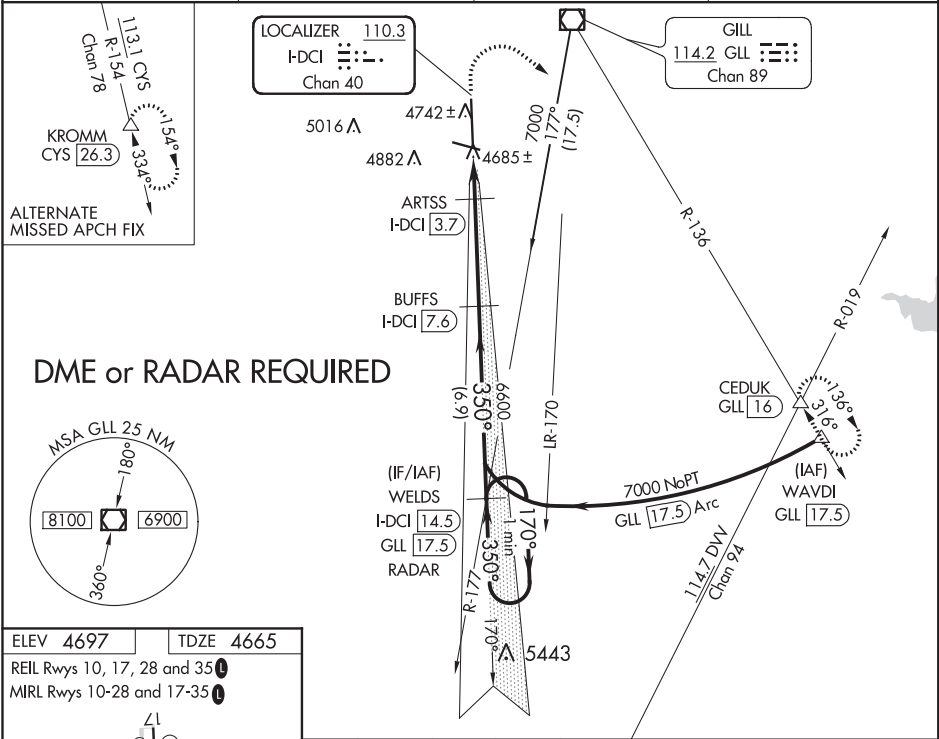
LOC/DME I-DCI <b>110.3</b> Chan <b>40</b>	APP CRS <b>350°</b>	Rwy Idg TDZE Apt Elev	<b>8900</b> <b>4665</b> <b>4697</b>
---	------------------------	-----------------------------	---

ILS or LOC RWY 35  
GREELEY-WELD COUNTY (GXY)

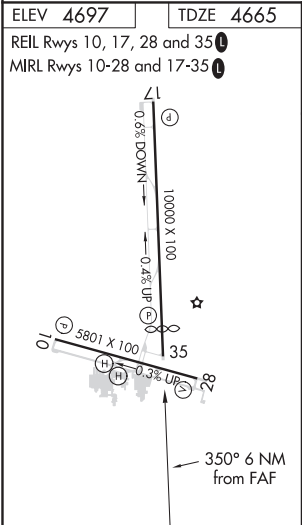
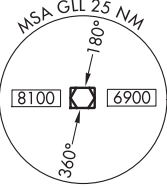
**⚠** VDP NA when using Northern Colorado Rgnl altimeter setting. When local altimeter not received, use Northern Colorado Rgnl altimeter setting and increase DA to 4950 feet and all visibilities ¼ SM; increase all MDAs 100 feet and visibility Cats C and D ½ SM.

MISSED APPROACH: Climb to 5300 then climbing right turn to 7000 on heading 120° and GLL VOR/DME R-136 to CEDUK INT/GLL 16 DME and hold.

AWOS-3PT <b>135.175</b>	DENVER APP CON <b>134.85 251.125</b>	CLNC DEL <b>126.65</b>	UNICOM <b>122.8 (CTAF) ①</b>
----------------------------	---	---------------------------	---------------------------------



DME or RADAR REQUIRED



5300	7000	GLL R-136	CEDUK	Use I-DCI DME when on the localizer course.
↑	hdg 120°	△		
*LOC only	ARTSS I-DCI 3.7	BUFFS I-DCI 7.6	WELDS I-DCI 14.5	One Minute Holding Pattern
I-DCI 1.6	I-DCI 2.9	I-DCI 3.7	I-DCI 7.6	
1.2	0.8	3.9 NM	6.9 NM	
CATEGORY	A	B	C	D
S-ILS 35	4865-¾ 200 (200-¾)			
S-LOC 35	5100-1 435 (500-1)		5100-1¼ 435 (500-1¼)	
CIRCLING	5120-1 423 (500-1)	5200-1 503 (600-1)	5200-1½ 503 (600-1½)	5380-2¼ 683 (700-2¼)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) RWY 10  
GREELEY-WELD COUNTY (GXY)

**MISSED APPROACH:** Climb to 5400 then climbing right turn to 7000 direct CEDUK and hold.

SW-1, 30 JAN 2020 to 26 MAR 2020

Diagram illustrating the REIL (Right End Ion Lens) and MIRL (Mid Ion Lens) systems. The REIL is shown as a vertical column of four electrodes (1, 2, 3, 4) and the MIRL as a horizontal column of four electrodes (5, 6, 7, 8). The REIL is connected to the MIRL via a 0.6% DOWN and 0.4% UP connection. The MIRL is connected to the REIL via a 0.3% UP connection. The REIL is also connected to the MIRL via a 0.6% DOWN and 0.4% UP connection. The REIL is also connected to the MIRL via a 0.6% DOWN and 0.4% UP connection. The REIL is also connected to the MIRL via a 0.6% DOWN and 0.4% UP connection.



WAAS CH <b>72708</b> <b>W17A</b>	APP CRS <b>170°</b>	Rwy Idg TDZE <b>4697</b> Apt Elev <b>4697</b>
--	------------------------	---

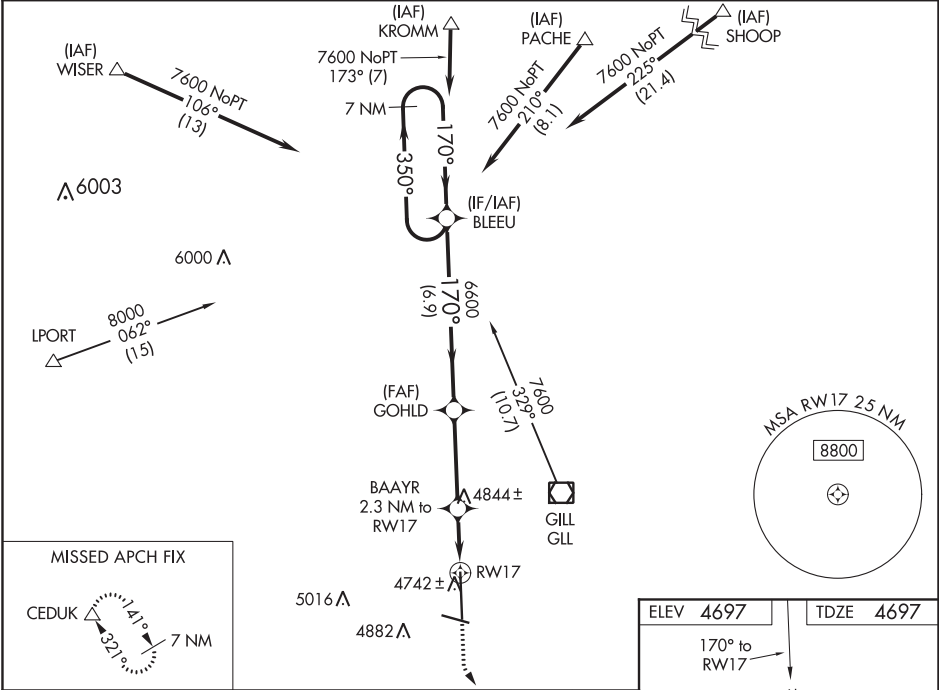
RNAV (GPS) RWY 17

GREELEY-WELD COUNTY (GXY)

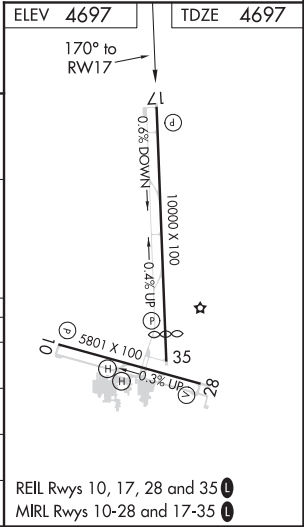
**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C (-11°F) or above 50°C (123°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Northern Colorado Rgnl altimeter setting: increase LPV DA to 4982 feet and visibility 1/8 SM and LNAV/VNAV DA to 5032 feet and visibility 1/4 SM; increase all MDAs 100 feet and visibility LNAV Cat C 1/8 SM and Circling Cat C/D 1/4 SM. VDP and Baro-VNAV NA when using Northern Colorado Rgnl altimeter setting. Rwy 17 helicopter visibility below 3/4 SM NA.

**MISSED APPROACH:** Climb to 5400 then climbing left turn to 7000 direct CEDUK and hold.

AWOS-3PT <b>135.175</b>	DENVER APP CON <b>134.85 251.125</b>	CLNC DEL <b>126.65</b>	UNICOM <b>122.8</b> (CTAF) <b>📻</b>
----------------------------	---	---------------------------	--



7 NM Holding Pattern		BLEEU	GOHLD	BAAAYR 2.3 NM to RW17	5400 ↑	7000 ↙	CEDUK △
7600	←350° 170°→	170°	6600	*1.2 NM to RW17	*LNAV only		
GP 3.00° TCH 46		6600	*5460	1.1 NM	1.2 NM	RW17	
		6.9 NM	3.5 NM	1.1 NM	1.2 NM		
CATEGORY	A	B	C	D			
LPV DA	4897-¾ 200 (200-¾)						
LNAV/ VNAV DA	4947-¾ 250 (300-¾)						
LNAV MDA	5140-1	443 (500-1)	5140-1½ 443 (500-1½)	5140-2¼ 443 (500-2¼)			
CIRCLING	5140-1 443 (500-1)	5200-1 503 (600-1)	5200-1½ 503 (600-1½)	5380-2¼ 683 (700-2¼)			



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



GREELEY, COLORADO

AL-325 (FAA)

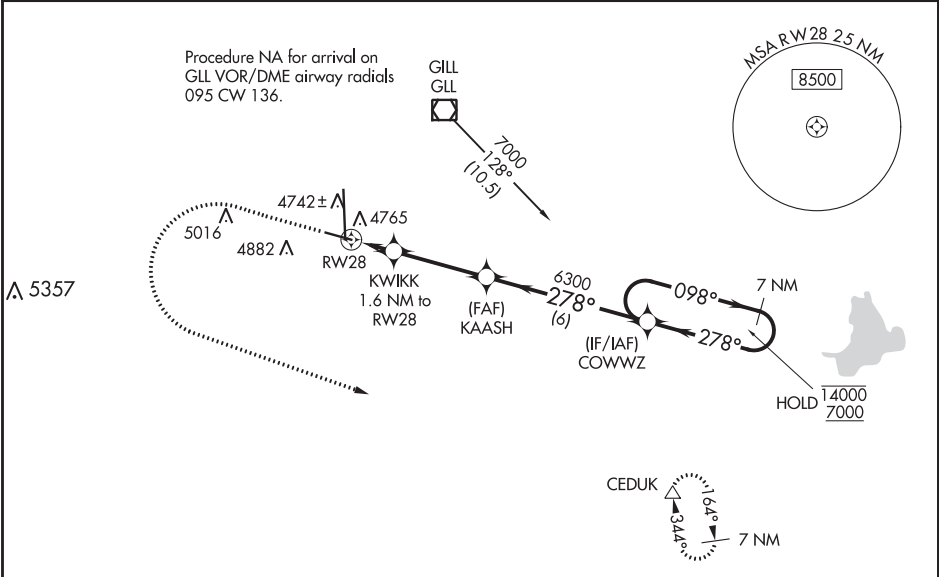
19227

WAAS CH <b>86808</b> <b>W28A</b>	APP CRS <b>278°</b>	Rwy Idg TDZE Apt Elev	<b>5801</b> <b>4650</b> <b>4697</b>
--	------------------------	-----------------------------	---

RNAV (GPS) RWY 28

GREELEY-WELD COUNTY (GXY)

RNP APCH.		MISSED APPROACH: Climb to 6300 then climbing left turn to 7000 direct CEDUK and hold.	
Baro-VNAV NA when using Fort Collins/Loveland altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C or above 54°C. When local altimeter setting not received, use Fort Collins/Loveland altimeter setting: increase LPV DA to 4935 feet and visibility ¼ SM, LNAV/VNAV DA to 5061 feet and visibility ¼ SM; increase all MDAs 100 feet and visibility Cats C and D ¼ SM.			
AWOS-3PT <b>135.175</b>	DENVER APP CON <b>134.85 251.125</b>	CLNC DEL <b>126.65</b>	UNICOM <b>122.8</b> (CTAF) <b>0</b>



ELEV 4697

TDZE 4650

6300

7000

CEDUK

↑

↶

△

VGSI and RNAV glidepath not coincident (VGSI angle 3.00/TCH 27).

7 NM Holding Pattern

\*LNAV only

\*KWKK 1.6 NM to RW28

KAASH 6300

COWWZ

098° → 14000

← 278° 7000

GP 3.00° TCH 50

1.6 NM

3.5 NM

6 NM

278° to RW28

278°

CATEGORY	A		B	C	D
LPV DA	4850-¾ 200 (200-¾)				
LNAV/VNAV DA	4976-1 326 (300-1)				
LNAV MDA	5080-1	430 (400-1)	5080-1¼	430 (400-1¼)	
CIRCLING	5120-1 423 (500-1)	5200-1 503 (600-1)	5200-1½ 503 (600-1½)	5380-2¼ 683 (700-2¼)	

REIL Rwy 10, 17, 28 and 35

MRL Rwy 10-28 and 17-35

GREELEY, COLORADO

Amdt 1B 15AUG19

40°26'N-104°38'W

GREELEY-WELD COUNTY (GXY)

RNAV (GPS) RWY 28



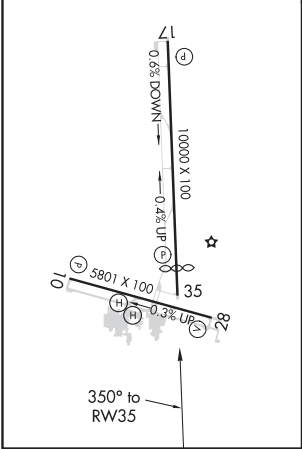
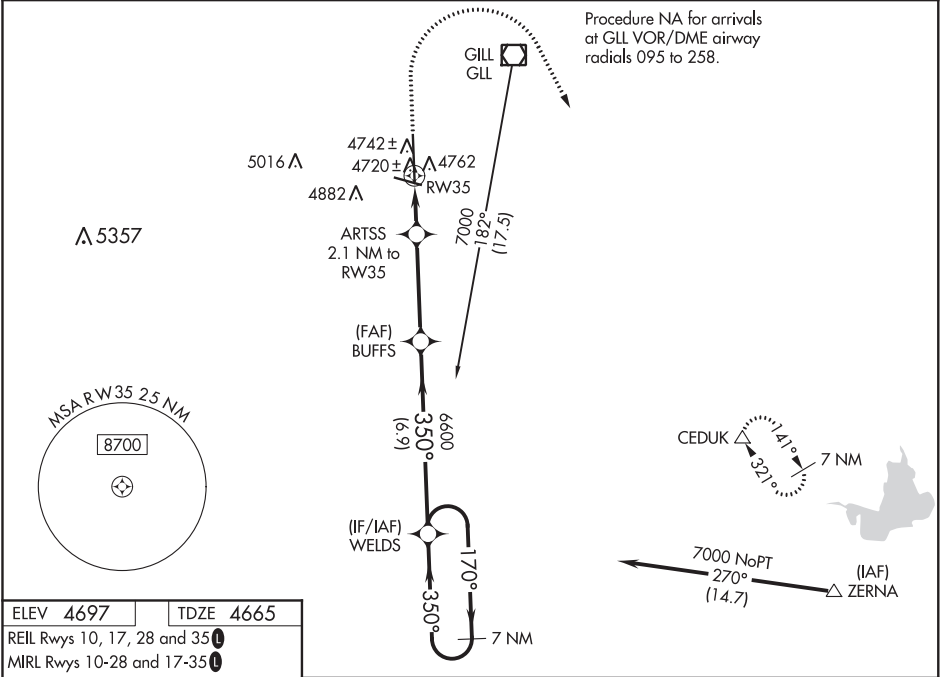
WAAS CH <b>69607</b> <b>W35A</b>	APP CRS <b>350°</b>	Rwy Idg TDZE Apt Elev	<b>8900</b> <b>4665</b> <b>4697</b>
--	------------------------	-----------------------------	---

**RNAV (GPS) RWY 35**  
GREELEY-WELD COUNTY (GXY)

**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C (-11°F) or above 49°C (121°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Northern Colorado Rgnl altimeter setting: increase LPV DA to 4950 feet and visibility 1/8 SM, LNAV/VNAV DA to 5000 feet and visibility 1/4 SM; increase all MDAs 100 feet and visibility LNAV Cat C/D 3/8 SM and Circling Cat C/D 1/4 SM. VDP and Baro-VNAV NA when using Northern Colorado Rgnl altimeter setting.

**MISSED APPROACH:** Climb to 5300 then climbing right turn to 7000 direct CEDUK and hold.

AWOS-3PT <b>135.175</b>	DENVER APP CON <b>134.85 251.125</b>	CLNC DEL <b>126.65</b>	UNICOM <b>122.8 (CTAF) 0</b>
----------------------------	---	---------------------------	---------------------------------

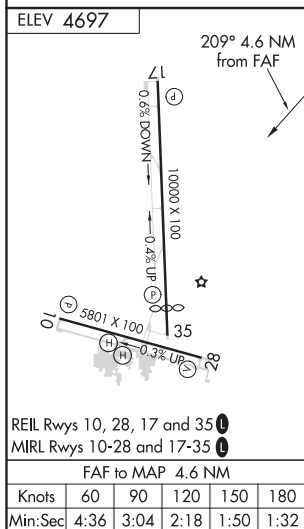
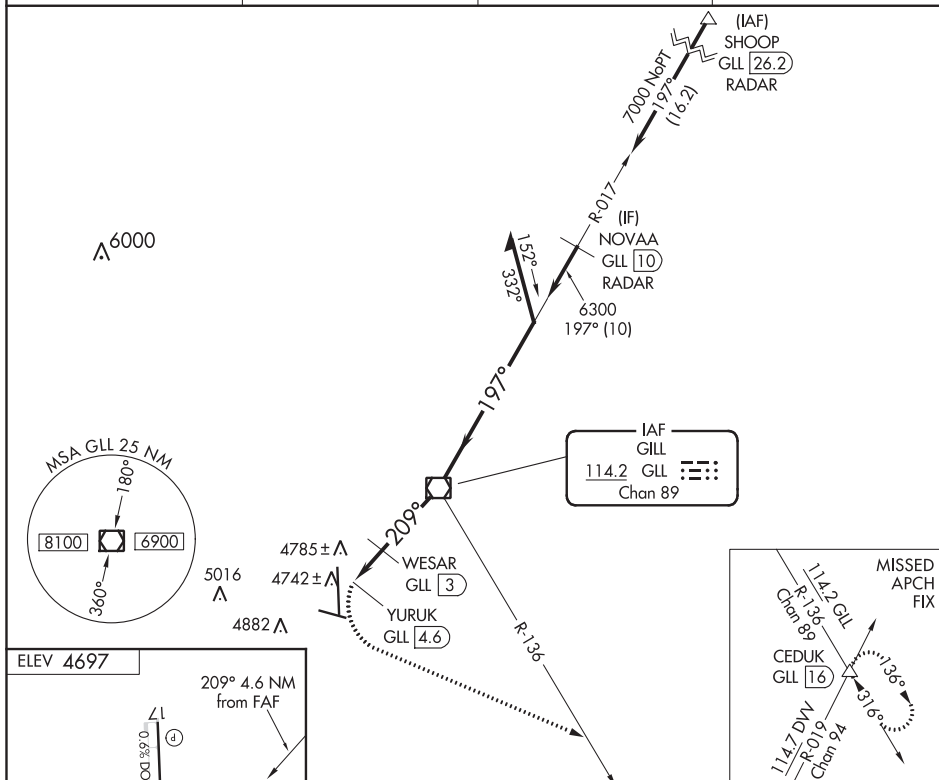




VOR-A  
GREELEY-WELD COUNTY (GXY)

**MISSED APPROACH:** Climbing left turn to 7000 on heading 100° and GLL VOR/DME R-136 to CEDUK INT/GLL 16 DME and hold.

AWOS-3PT <b>135.175</b>	DENVER APP CON <b>134.85 251.125</b>	CLNC DEL <b>126.65</b>	UNICOM <b>122.8 (CTAF) ①</b>
----------------------------	---	---------------------------	---------------------------------

[illegible]

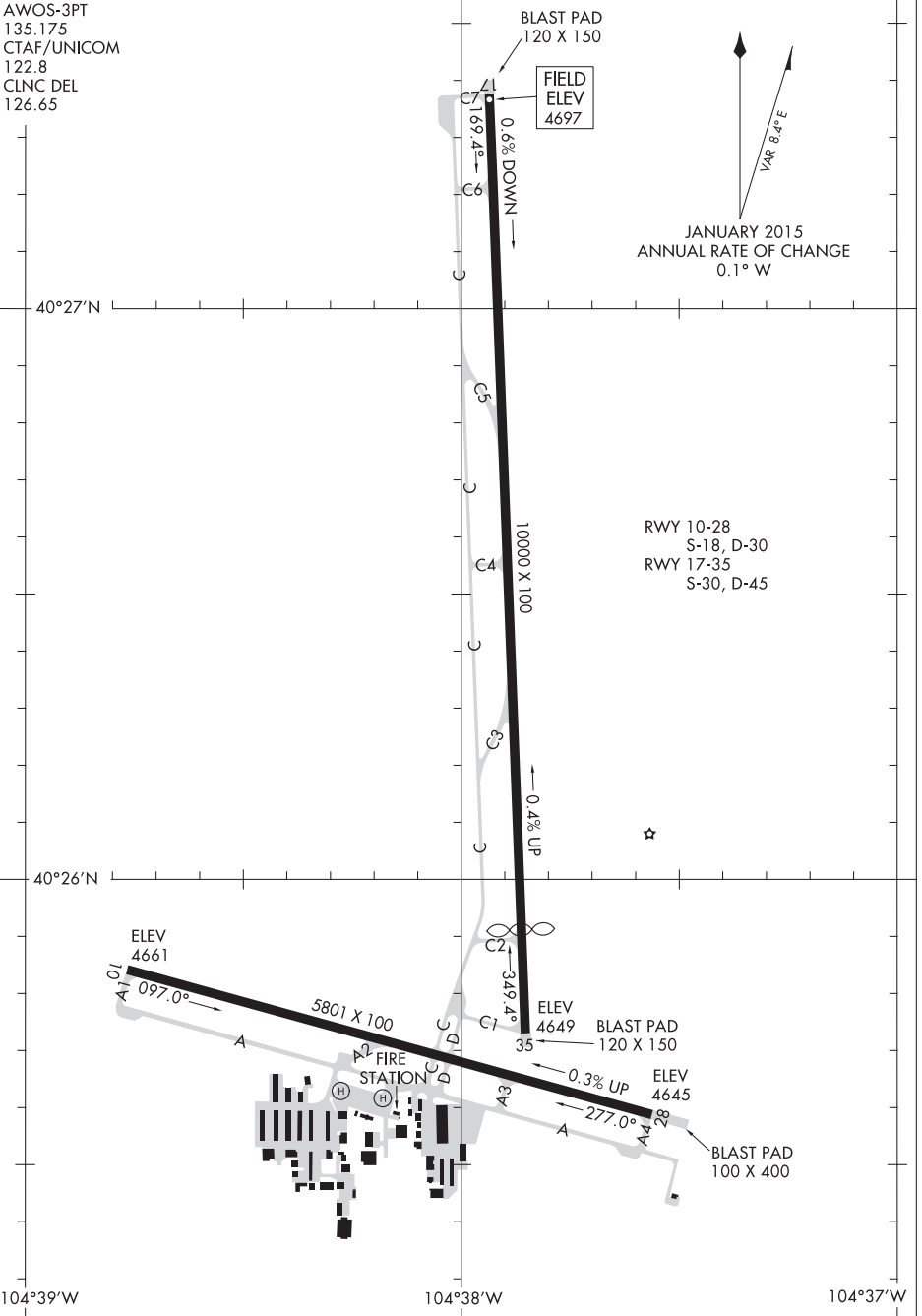
GREELEY-WELD COUNTY (GXY)  
VOR-A

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



AWOS-3PT  
135.175  
CTAF/UNICOM  
122.8  
CLNC DEL  
126.65



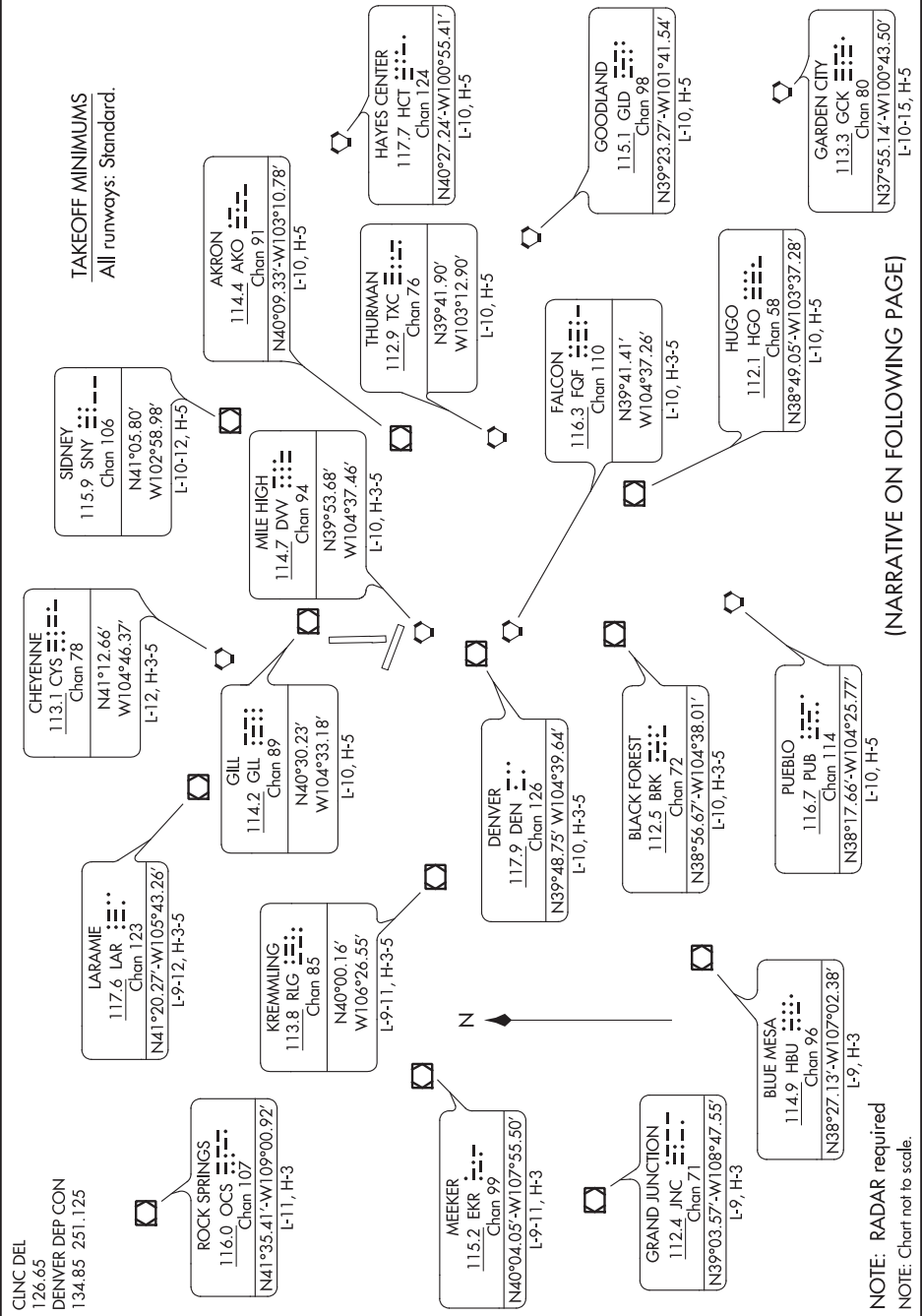
RWY 10-28  
S-18, D-30  
RWY 17-35  
S-30, D-45

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned route. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(PIKES2.DEN) 20030

## PIKES TWO DEPARTURE

AL-325 (FAA)

GREELEY-WELD COUNTY (GXY)

GREELEY, COLORADO

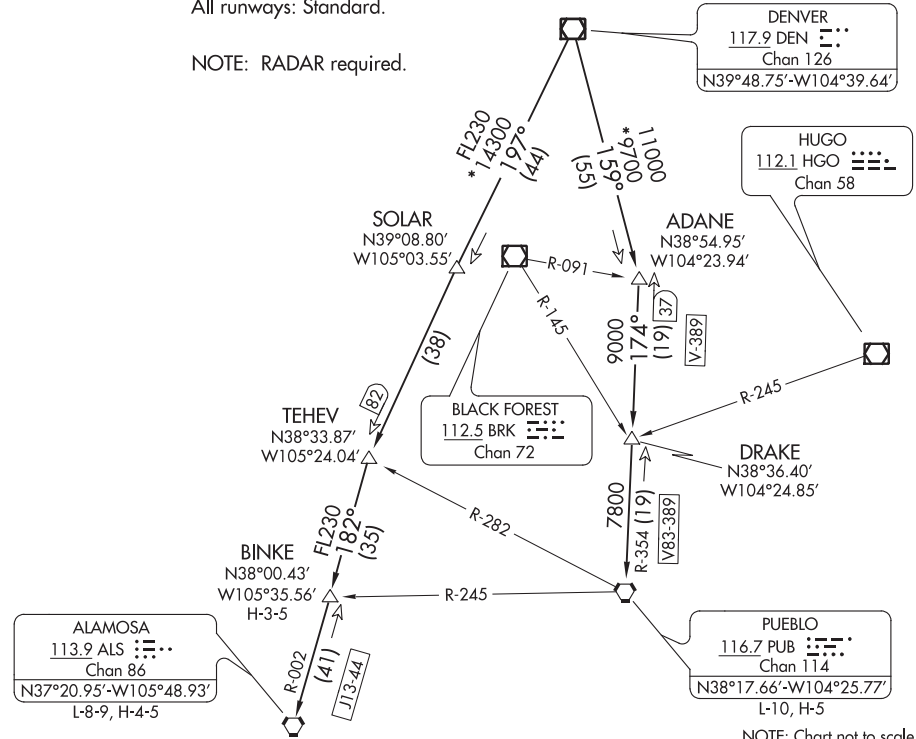
CLNC DEL  
126.65  
DENVER DEP CON  
134.85 251.125

**TOP ALTITUDE:  
ASSIGNED BY ATC**

## TAKEOFF MINIMUMS

All runways: Standard.

NOTE: RADAR required.



NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

**TAKEOFF ALL RUNWAYS:** Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

**LOST COMMUNICATIONS:** If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

**ALAMOSA TRANSITION (PIKES2.ALS):** From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to ALS VORTAC.

**BINKE TRANSITION (PIKES2.BINKE):** From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to BINKE.

**PUEBLO TRANSITION (PIKES2.PUB):** From over DEN VOR/DME on DEN R-159 to ADANE, then on PUB R-354 to PUB VORTAC.

## PIKES TWO DEPARTURE

(PIKES2.DEN) 30JAN20

GREELEY, COLORADO  
GREELEY-WELD COUNTY (GXY)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020









DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

AKRON TRANSITION (PLAIN1.AKO): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME.

ASHBY TRANSITION (PLAIN1.ASHBY): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to ASHBY.

BELKE TRANSITION (PLAIN1.BELKE): From over DEN VOR/DME on DEN R-076 and MCK R-253 to BELKE INT.

CABET TRANSITION (PLAIN1.CABET): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-084 to CABET.

GARDEN CITY TRANSITION (PLAIN1.GCK): From over DEN VOR/DME on DEN R-100 and GCK R-309 to GCK VORTAC.

GOODLAND TRANSITION (PLAIN1.GLD): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC, then on TXC R-092 and GLD R-273 to GLD VORTAC.

HAYES CENTER TRANSITION (PLAIN1.HCT): From over DEN VOR/DME on DEN R-065 and AKO R-241 to AKO VOR/DME, then on AKO R-066 and HCT R-250 to HCT VORTAC.

MCCOOK TRANSITION (PLAIN1.MCK): From over DEN VOR/DME on DEN R-076 to TEKMY, then on MCK R-253 to MCK VOR/DME.

THURMAN TRANSITION (PLAIN1.TXC): From over DEN VOR/DME on DEN R-087 and TXC R-264 to TXC VORTAC.

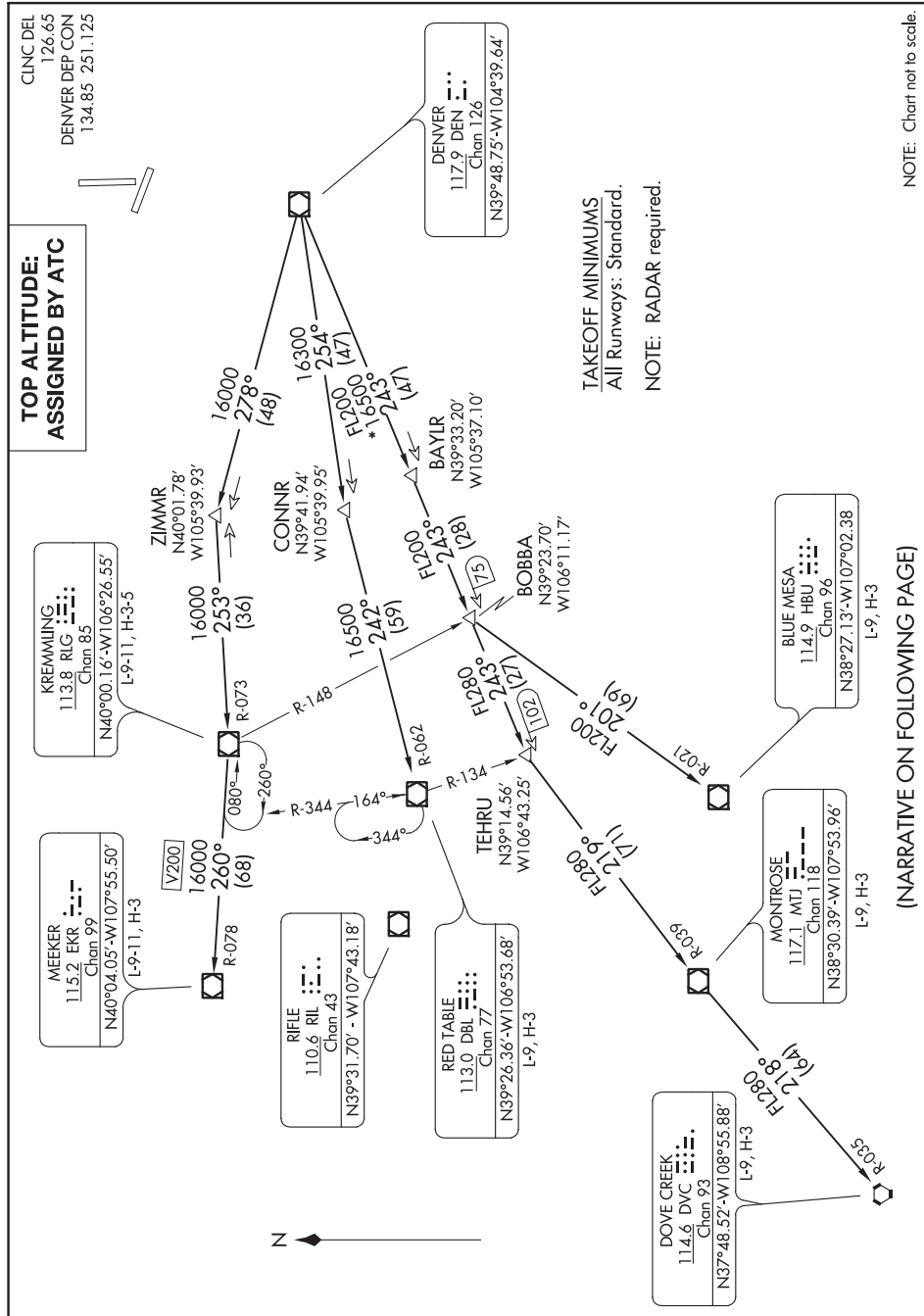
WEEDS TRANSITION (PLAIN1.WEEDS): From over DEN VOR/DME on DEN R-100 to WEEDS.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SW-1, 30 JAN 2020 to 26 MAR 2020



(ROCKI4.DEN) 18256

## ROCKIES FOUR DEPARTURE

AL-325 (FAA)

GREELEY-WELD COUNTY (GXY)  
GREELEY, COLORADO

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned route. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 11000 feet, cross DEN VOR/DME at or above 11000 feet.

BLUE MESA TRANSITION (ROCKI4.HBU): From over DEN VOR/DME on DEN R-243 and HBU R-021 to HBU VOR/DME.

DOVE CREEK TRANSITION (ROCKI4.DVC): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME, then on MTJ R-218 and DVC R-035 to DVC VORTAC.

KREMMLING TRANSITION (ROCKI4.RLG): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME.

MEEKER TRANSITION (ROCKI4.EKR): From over DEN VOR/DME on DEN R-278 and RLG R-073 to RLG VOR/DME, then on RLG R-260 and EKR R-078 to EKR VOR/DME.

MONTROSE TRANSITION (ROCKI4.MTJ): From over DEN VOR/DME on DEN R-243 and MTJ R-039 to MTJ VOR/DME.

RED TABLE TRANSITION (ROCKI4.DBL): From over DEN VOR/DME on DEN R-254 and DBL R-062 to DBL VOR/DME.

SW-1, 30 JAN 2020 to 26 MAR 2020

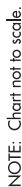
SW-1, 30 JAN 2020 to 26 MAR 2020

ROCKIES FOUR DEPARTURE

(ROCKI4.DEN) 13SEP18

GREELEY, COLORADO  
GREELEY-WELD COUNTY (GXY)









DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading and altitude for RADAR vectors to assigned transition. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude direct DEN VOR/DME, then on assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

CHEYENNE TRANSITION (YELLO3.CYS): From over DEN VOR/DME on DEN R-349 and CYS R-163 to CYS VORTAC.

HANKI TRANSITION (YELLO3.HANKI): From over DEN VOR/DME on DEN R-015 and GLL R-034 to HANKI.

LARAMIE TRANSITION (YELLO3.LAR): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME.

MEDICINE BOW TRANSITION (YELLO3.MBW): From over DEN VOR/DME on DEN R-334 and MBW R-133 to MBW VOR/DME.

NATTI TRANSITION (YELLO3.NATTI): From over DEN VOR/DME on DEN R-334 and LAR R-125 to LAR VOR/DME, then on LAR R-273 to NATTI.

RAPID CITY TRANSITION (YELLO3.RAP): From over DEN VOR/DME on DEN R-359 and GLL R-174 to GLL VOR/DME, then on GLL R-005 and RAP R-186 to RAP VORTAC.

SCOTTSBLUFF TRANSITION (YELLO3.BFF): From over DEN VOR/DME on DEN R-015 and BFF R-191 to BFF VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

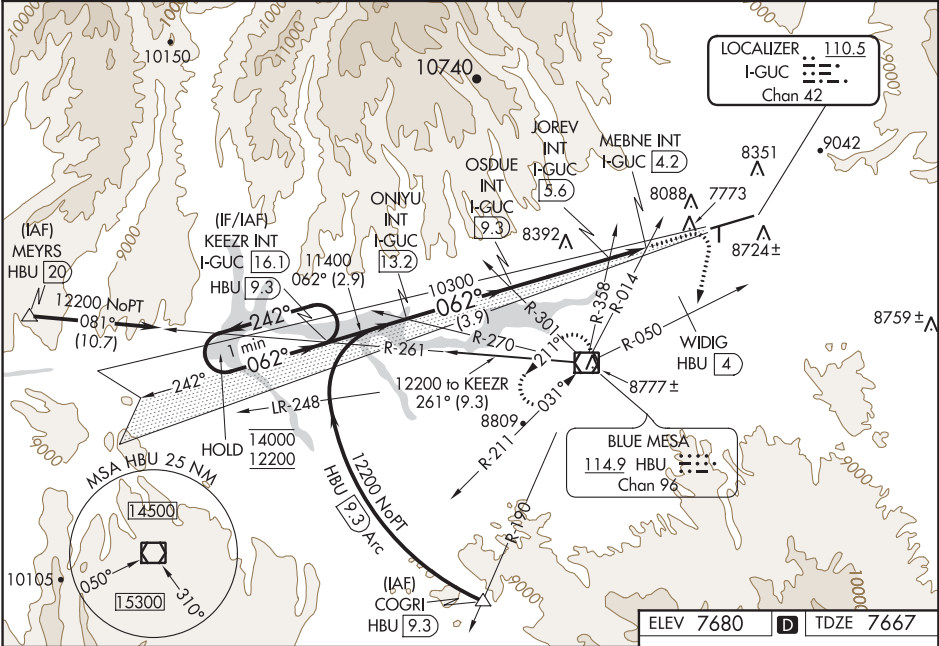


LOC/DME I-GUC <b>110.5</b> Chan <b>42</b>	APP CRS <b>062°</b>	Rwy Idg TDZE Apt Elev <b>9397</b> <b>7667</b> <b>7680</b>
---	------------------------	--

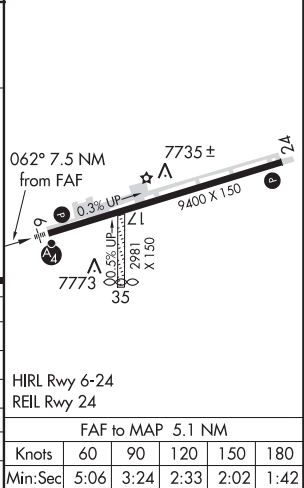
ILS or LOC RWY 6  
GUNNISON-CRESTED BUTTE RGNL (GUC)

DME required.	MALSF	MISSED APPROACH: Climb to 10000 then climbing right turn to 12000 on heading 180° and HBU VOR/DME R-050 to WIDIG/HBU 4 DME continue on HBU VOR/DME R-050 to HBU VOR/DME and hold.
Rwy 6 helicopter visibility reduction below 3/4 SM NA. Inop table does not apply. Procedure NA when airport closed except by prior arrangement.		
-28°C		

AWOS-3PT <b>135.075</b>	DENVER CENTER <b>124.5 350.25</b>	UNICOM <b>122.7 (CTAF)</b>
----------------------------	--------------------------------------	-------------------------------



KEEZR INT I-GUC [16.1]	10000	12000	HBU R-050	WIDIG HBU 4	HBU R-050	HBU
One Minute Holding Pattern	ONIYU INT I-GUC [13.2]	OSDUE INT I-GUC [9.3]	JOREV INT I-GUC [5.6]	MEBNE INT I-GUC [4.2]	*LOC only	
14000 ← 242°	062° → 11400	10300	*9020			
GS 3.20° TCH 49	2.9 NM	3.9 NM	3.7 NM	1.4 NM	2.4 NM	
CATEGORY	A	B	C	D		
S-ILS 6	8590-3 923 (1000-3)					NA
S-LOC 6	9020-3 1353 (1400-3)					
CIRCLING	9260-3 1580 (1600-3)					
	JOREV FIX MINIMUMS					
S-LOC 6	8640-3 973 (1000-3)					
CIRCLING	9260-3 1580 (1600-3)					



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



GUNNISON, COLORADO

AL-517 (FAA)

19283

APP CRS	Rwy Idg	<b>9397</b>
<b>061°</b>	TDZE	<b>7667</b>
	Apt Elev	<b>7680</b>

# RNAV (RNP) RWY 6

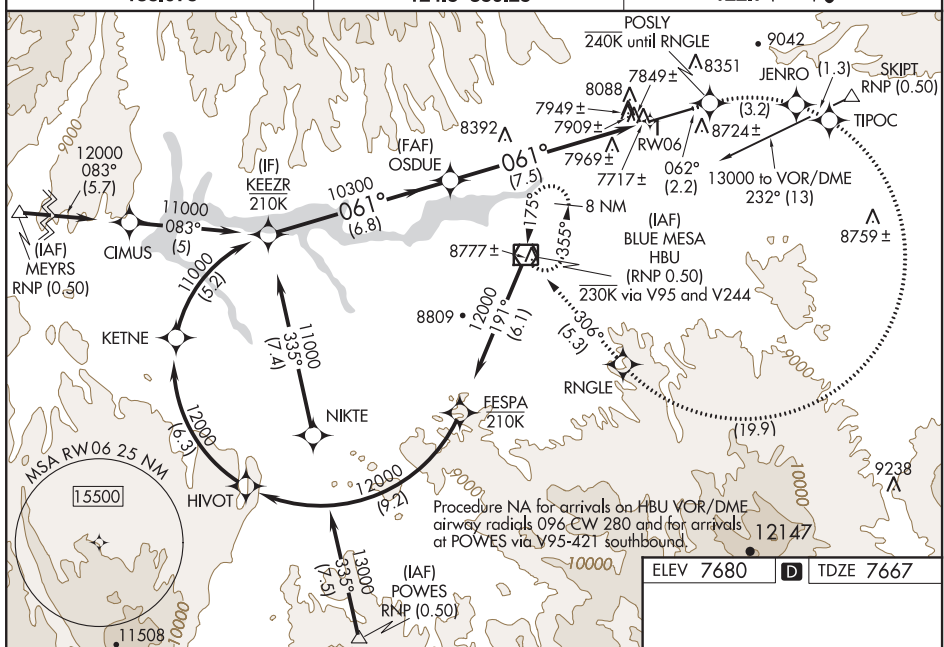
GUNNISON-CRESTED BUTTE RGNL (GUC)

<p><b>RF and GPS required.</b> When local altimeter setting not received, procedure NA. For uncompensated Baro-VNAV systems, procedure NA below -29°C (-20°F) or above 54°C (130°F). When VGSJ inoperative, procedure NA at night. Visibility reduction by helicopters NA. Missed approach requires RNP less than 1.0.</p> <p>* Missed approach requires minimum climb of 310 feet per NM to 9000.</p> <p># Missed approach requires minimum climb of 260 feet per NM to 9000.</p> <p>† Missed approach requires minimum climb of 230 feet per NM to 9000.</p> <p>For inoperative MALSF, increase RNP 0.11 * visibility to 1½, RNP 0.20 # to 1¾, RNP 0.26 † to 2, and RNP 0.30 to 2½.</p>	<p><b>MISSED APPROACH:</b> (Do not exceed 240 KIAS until RNGLE) Climb to 13000 via track 062° to POSLY, and via right turn to JENRO, and via right turn to TIPOC, and via right turn to RNGLE, and via track 306° to HBU VOR/DME and hold.</p>
---	--

AWOS-3PT  
**135.075**

DENVER CENTER  
**124.5 350.25**

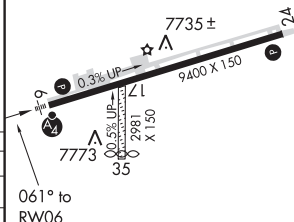
UNICOM  
**122.7 (CTAF) 0**



Procedure Turn NA	KEEZR	OSDUE	POSLY	JENRO
	11000	10300		
GP 3.20° TCH 49				
	6.8 NM	7.5 NM		
CATEGORY	A	B	C	D
RNP 0.11 DA*	NA	8125-1¼	458 (500-1¼)	NA
RNP 0.20 DA#	NA	8219-1½	552 (600-1½)	NA
RNP 0.26 DA†	NA	8294-1¾	627 (700-1¾)	NA
RNP 0.30 DA	NA	8354-2	687 (700-2)	NA

## AUTHORIZATION REQUIRED

ELEV 7680 **D** TDZE 7667



HIRL Rwy 6-24  
REIL Rwy 24

GUNNISON, COLORADO

Orig-A 30JUN11

38°32'N-106°56'W

GUNNISON-CRESTED BUTTE RGNL (GUC)

# RNAV (RNP) RWY 6


SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

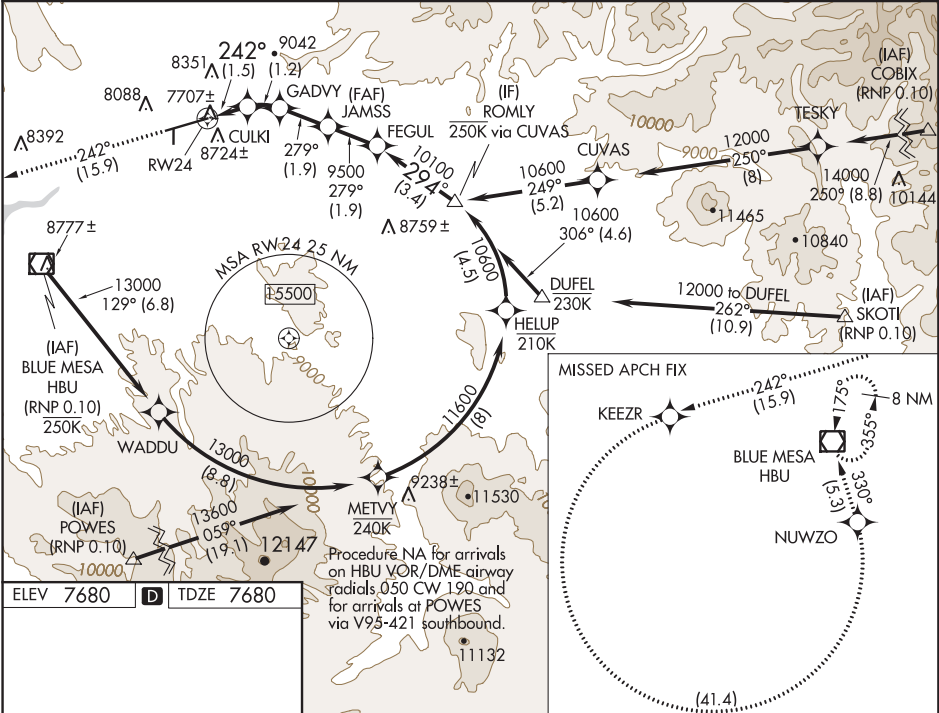



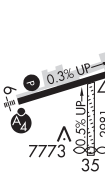
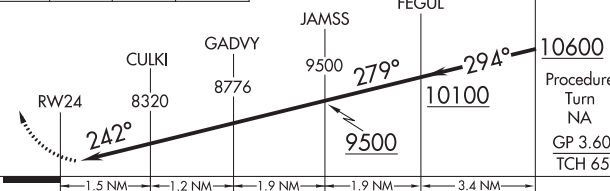
APP CRS	Rwy Idg	9397
242°	TDZE	7680
	Apt Elev	7680

**RNAV (RNP) RWY 24**  
GUNNISON-CRESTED BUTTE RGNL (GUC)

 -28°C	RF and GPS required. When local altimeter setting not received, procedure NA. Procedure NA for aircraft with wingspan greater than 136 feet. For uncompensated Baro-VNAV systems, procedure NA below -29°C (-20°F) or above 24°C (75°F). When VGSI inoperative, procedure NA at night. Missed approach requires minimum climb of 425 feet per NM to 9000.	MISSED APPROACH: Climb to 14000 on track 242° to KEEZR, and left turn to NUWZO, and on track 330° to HBU VOR/DME and hold.
---	--	--

AWOS-3PT 135.075	DENVER CENTER 124.5 350.25	UNICOM 122.7 (CTAF) 0
---------------------	-------------------------------	--------------------------



ELEV 7680 D TDZE 7680			VGSI and RNAV glidepath not coincident (VGSI Angle 3.60/TCH 71).											
														
HIRL Rwy 6-24 REIL Rwy 24	<table><tr><td>CATEGORY</td><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>RNP 0.10 DA</td><td colspan="3">7989-1 309 (400-1)</td><td>NA</td></tr></table>				CATEGORY	A	B	C	D	RNP 0.10 DA	7989-1 309 (400-1)			NA
CATEGORY	A	B	C	D										
RNP 0.10 DA	7989-1 309 (400-1)			NA										
<b>AUTHORIZATION REQUIRED</b>														

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



GUNNISON, COLORADO

AL-517 (FAA)

19283

APP CRS	Rwy Idg	N/A
245°	TDZE	N/A
	Apt Elev	7680

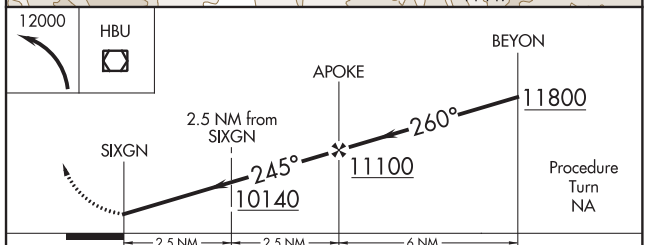
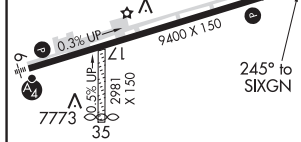
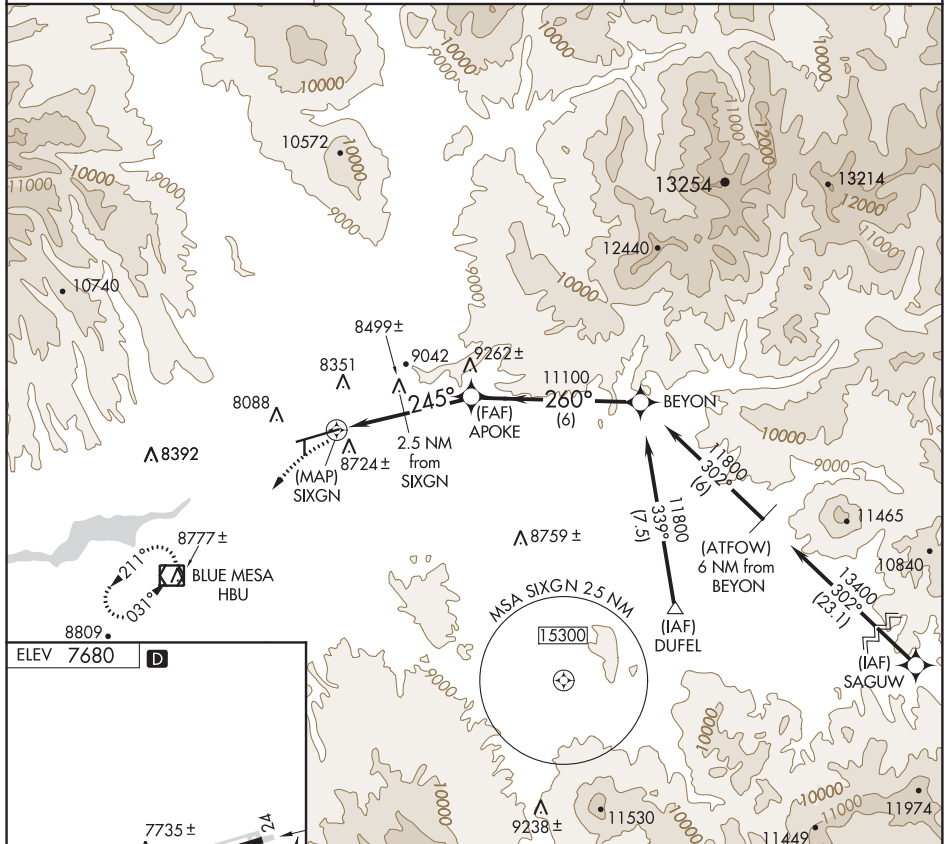
GPS-B

GUNNISON-CRESTED BUTTE RGNL (GUC)

NA -28°C	Procedure not authorized when airport closed except by prior arrangement. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climbing left turn to 12000 direct HBU VOR/DME and hold.
-------------	--	---

 AWOS-3PT  
**135.075**

 DENVER CENTER  
**124.5 350.25**

 UNICOM  
**122.7 (CTAF)**

 HIRL Rwy 6-24  
 REIL Rwy 24

GUNNISON, COLORADO

Orig-A 18DEC08

GUNNISON-CRESTED BUTTE RGNL (GUC)

38°32'N-106°56'W

GPS-B

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



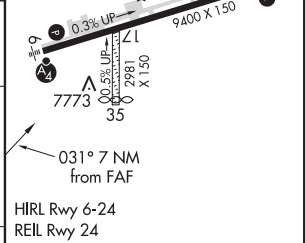
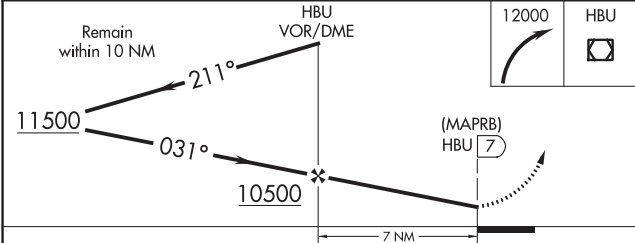
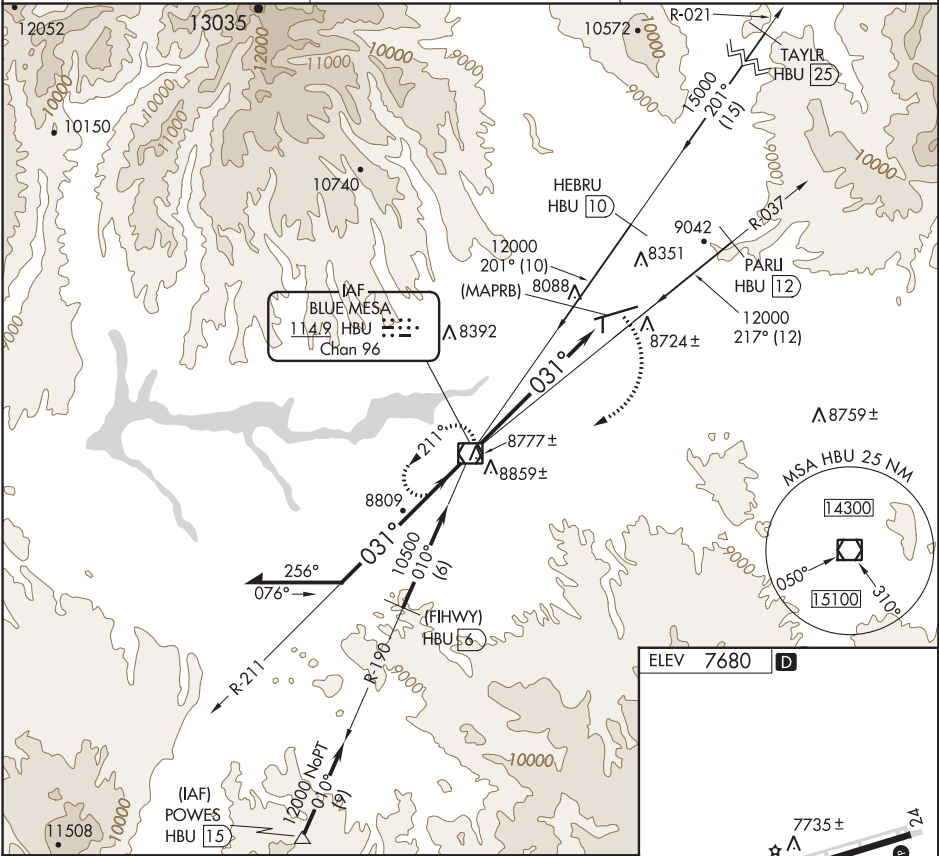
VOR/DME HBU	APP CRS	Rwy ldg TDZE	N/A
114.9	031°		N/A
Chan 96		Apt Elev	7680

# VOR or GPS-A

GUNNISON-CRESTED BUTTE RGNL (GUC)

<p>Procedure NA when airport closed except by prior arrangement. Obtain local altimeter setting on CTAF; when not received, procedure NA.</p>	<p>MISSED APPROACH: Climbing right turn to 12000 direct HBU VOR/DME and hold.</p>
---	---

AWOS-3PT 135.075	DENVER CENTER 124.5 350.25	UNICOM 122.7 (CTAF)
---------------------	-------------------------------	------------------------



CATEGORY	A	B	C	D	FAF to MAP 7 NM					
CIRCLING	9260-2	9340-2	9340-3	9900-3	Knots	60	90	120	150	180
	1580 (1600-2)	1660 (1700-2)	1660 (1700-3)	2220 (2300-3)	Min:Sec	7:00	4:40	3:30	2:48	2:20

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



HAYDEN, COLORADO

AL-5983 (FAA)

19171

LOC/DME I-HDN <b>109.9</b> Chan <b>36</b>	APP CRS <b>104°</b>	Rwy Idg TDZE Apt Elev <b>9490</b> <b>6591</b> <b>6606</b>
---	------------------------	--

# ILS or LOC/DME RWY 10

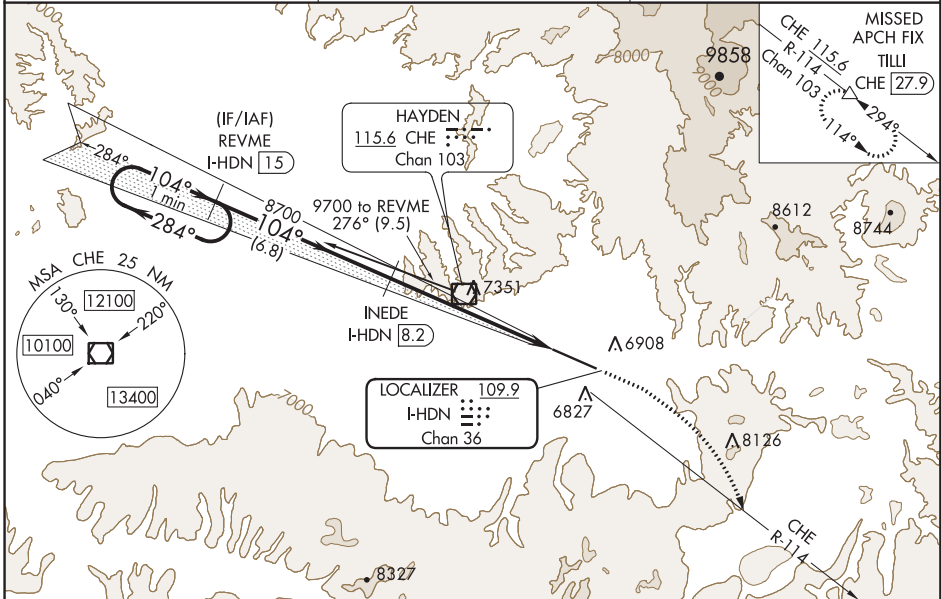
YAMPA VALLEY (HDN)

<p>When local altimeter setting not received, use Craig-Moffat altimeter setting and increase all DA/MDA 100 feet and S-ILS 10 visibility <math>\frac{3}{8}</math> mile. VDP NA with Craig-Moffat altimeter setting.</p> <p># Missed approach requires minimum climb of 307 feet per NM to 8700.</p>	<p>MALSF</p> <p></p>	<p>MISSED APPROACH: Climb to 8000 then climbing right turn to 13300 on heading 130° and on CHE VOR/DME R-114 to TILLI/CHE 27.9 DME and hold, continue climb-in-hold to 13300.</p>
--	----------------------	---

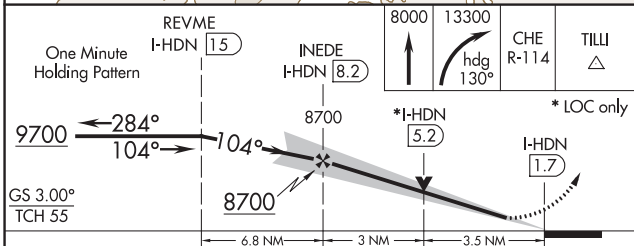
AWOS-3PT  
**119.275**

DENVER CENTER  
**120.475 235.975**

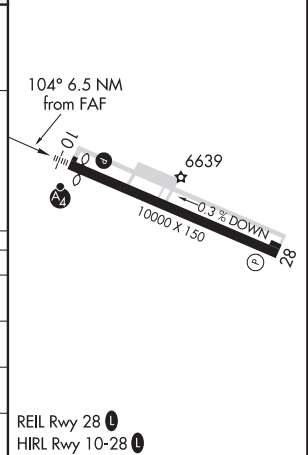
UNICOM  
**123.0 (CTAF)**



ELEV 6606 **D** TDZE 6591



CATEGORY	A	B	C	D
# S-ILS 10		6791- $\frac{3}{4}$	200 (200- $\frac{3}{4}$ )	
S-ILS 10		7307-2 $\frac{1}{2}$	716 (800-2 $\frac{1}{2}$ )	
S-LOC 10	7760-1 1169 (1200-1)	7760-1 $\frac{1}{4}$ 1169 (1200-1 $\frac{1}{4}$ )	7760-3 1169 (1200-3)	
CIRCLING	7760-1 $\frac{1}{4}$ 1154 (1200-1 $\frac{1}{4}$ )	7760-1 $\frac{1}{2}$ 1154 (1200-1 $\frac{1}{2}$ )	7760-3 1154 (1200-3)	8180-3 1574 (1600-3)



HAYDEN, COLORADO

Orig 15OCT15

YAMPA VALLEY (HDN)

40°29'N-107°13'W

# ILS or LOC/DME RWY 10

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







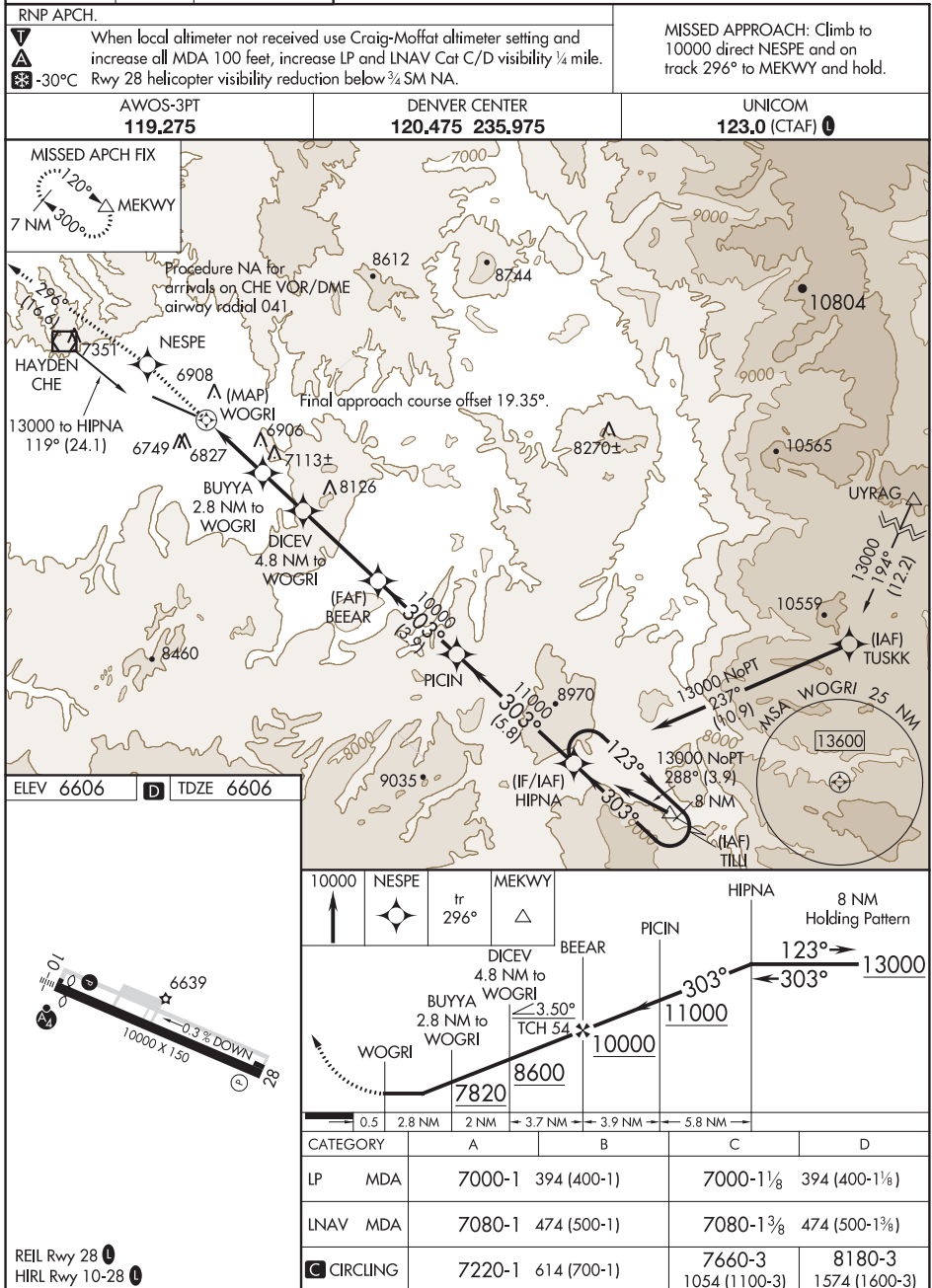
HAYDEN, COLORADO

AL-5983 (FAA)

19171

WAAS CH <b>48825</b> <b>W28A</b>	APP CRS <b>303°</b>	Rwy Idg TDZE <b>6606</b> Apt Elev <b>6606</b>
--	------------------------	---

# **RNAV (GPS) RWY 28** YAMPA VALLEY (HDN)



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

HAYDEN, COLORADO

Amdt 3A 06DEC18

40°29'N-107°13'W

YAMPA VALLEY (HDN)

# **RNAV (GPS) RWY 28**



WAAS CH <b>53410</b> <b>W10A</b>	APP CRS <b>104°</b>	Rwy Idg TDZE <b>6591</b> Apt Elev <b>6606</b>
--	------------------------	---

**RNAV (GPS) Y RWY 10**  
YAMPA VALLEY (HDN)

**⚠** Inoperative table does not apply. Baro-VNAV NA when using Craig-Moffat altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -28°C (-18°F) or above 44°C (112°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Craig-Moffat altimeter setting and increase all DA/MDA 100 feet, and LPV all Cats visibility ½ mile.  
# Missed approach requires a minimum climb of 295 feet per NM to 8700.

**MALSF**

**MISSED APPROACH:**  
Climb to 13700 direct OBTUE and on track 124° to TILLI and hold, continue climb-in-hold to 13700.

AWOS-3 <b>119.275</b>	DENVER CENTER <b>120.475 235.975</b>	UNICOM <b>123.0 (CTAF) 0</b>
--------------------------	---	---------------------------------



ELEV 6606 **D** TDZE 6591

REIL Rwy 28 **0**  
HIRL Rwy 10-28 **0**

7 NM Holding Pattern				13700 ↑	OBTUE 	tr 124° 	TILLI 
REVME				* LNAV only			
9700 ← 284° 104° →				INEDE 8700	ZULON 4 NM to RW10	RW10	
GP 3.00° TCH 55				8700	* 7900		
				6.8 NM	2.5 NM	4 NM	
CATEGORY	A			B	C	D	
#LPV DA	6791-¾			200 (200-¾)			
LPV DA	7308-2½			717 (800-2½)			
LNAV/ VNAV DA	7918-5			1327 (1400-5)			
LNAV MDA	7700-1 1109 (1100-1)	7700-1¼ 1109 (1100-1¼)	7700-3 1109 (1100-3)				
CIRCLING	7700-1¼ 1094 (1100-1¼)	7700-1½ 1094 (1100-1½)	7700-3 1094 (1100-3)	8180-3 1574 (1600-3)			



HAYDEN, COLORADO

AL-5983 (FAA)

19171

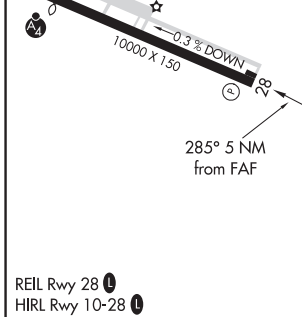
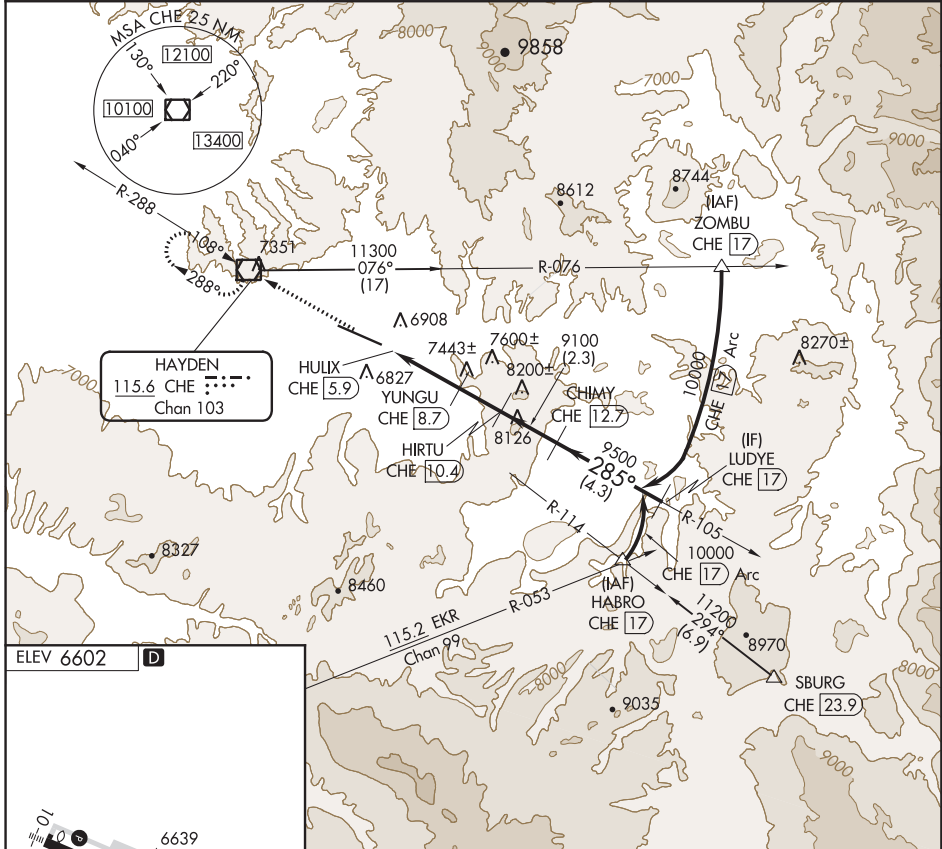
VOR/DME CHE <b>115.6</b> Chan <b>103</b>	APP CRS <b>285°</b>	Rwy Idg TDZE Apt Elev <b>6602</b>	N/A N/A <b>6602</b>
--	------------------------	--	---------------------------

**VOR/DME-B**  
YAMPA VALLEY (HDN)

**⚠** If local altimeter setting not received, use Craig-Moffat altimeter setting and increase all MDAs 100 feet.  
**⚠** -30°C Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 9200 direct CHE VOR/DME and hold.

AWOS-3PT <b>119.275</b>	DENVER CENTER <b>120.475 235.975</b>	UNICOM <b>123.0 (CTAF)</b>
----------------------------	---	-------------------------------



9200	CHE	VGSI and descent angles not coincident. (VGSI angle 3.50/TCH 54)	CHIMY CHE 12.7	LUDYE CHE 17
HULIX CHE 5.9	YUNGU CHE 8.7	HIRTSU CHE 10.4	9100	10000
8500	9500	9900	10000	Procedure Turn NA
0.5	2.8 NM	1.7 NM	2.3 NM	4.3 NM
CATEGORY	A	B	C	D
CIRCLING	7900-1¼ 1298 (1300-1¼)	7900-1½ 1298 (1300-1½)	7900-3	1298 (1300-3)

HAYDEN, COLORADO

Amdt 1 28SEP06

40°29'N-107°13'W

YAMPA VALLEY (HDN)  
**VOR/DME-B**

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC/DME I-HOB	APP CRS	Rwy Idg	7020
108.5	038°	TDZE	3652
Chan 22		Apt Elev	3661

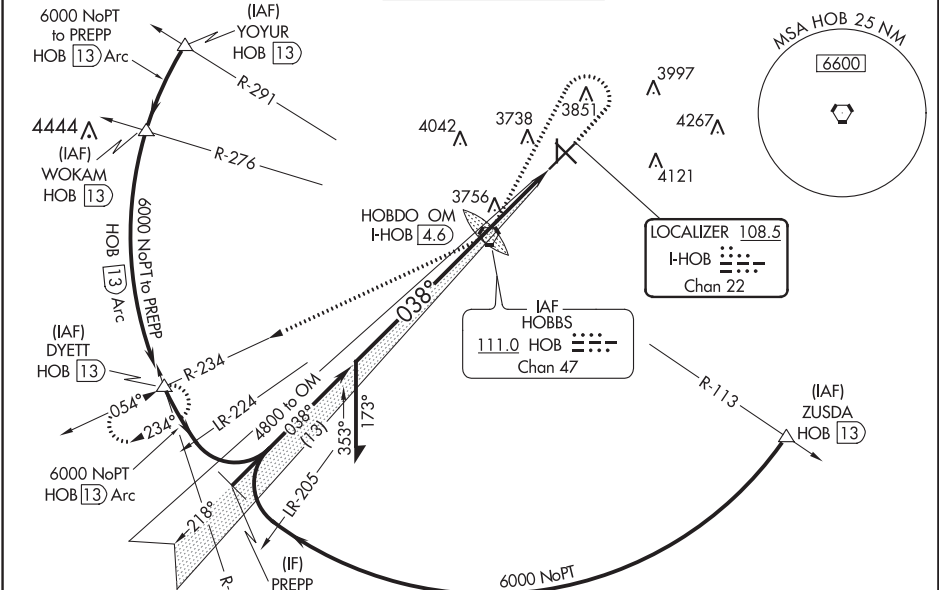
ILS or LOC RWY 3  
LEA COUNTY RGNL (HOB)

When local altimeter setting not received, use Carlsbad altimeter setting and increase all DA 281 feet and all MDA 300 feet; increase S-ILS all Cats visibility ¾ mile, increase S-LOC Cats C/D visibility ¾ mile, increase Circling Cat C visibility ¾ mile, increase Circling Cat D visibility ½ mile. For inoperative MALSR, increase Carlsbad altimeter setting S-ILS all Cats visibility to 1¾. VDP NA when using Carlsbad altimeter setting. Rwy 17 helicopter visibility reduction below 1 SM NA. Circling Rwy 17 NA at night.

MALSR

MISSED APPROACH: Climb to 5000 then climbing left turn to 6000 direct HOB VORTAC then via HOB VORTAC R-234 to DYETT INT/HOB 13 DME and hold.

ATIS 119.75	FORT WORTH CENTER 133.1 298.95	HOBBBS TOWER * 120.65 (CTAF) 0 317.4	GND CON 121.9	UNICOM 122.95
----------------	-----------------------------------	---	------------------	------------------





WAAS CH <b>90215</b> <b>W03A</b>	APP CRS <b>038°</b>	Rwy Idg <b>7020</b> TDZE <b>3652</b> Apt Elev <b>3661</b>
--	------------------------	---

RNAV (GPS) RWY 3  
LEA COUNTY RGNL (HOB)



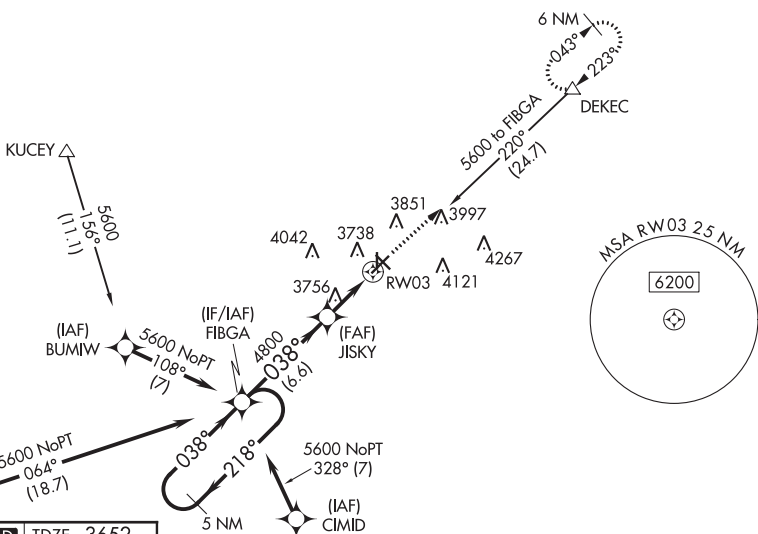
**MISSED APPROACH:**  
Climb to 6000 direct  
DEKEC and hold.

ATIS  
**119.75**

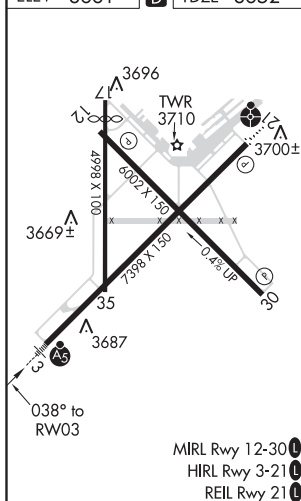
FORT WORTH CENTER  
133.1 298.95

HOBBS TOWER ★  
120.65 (CTAF) L 317.4

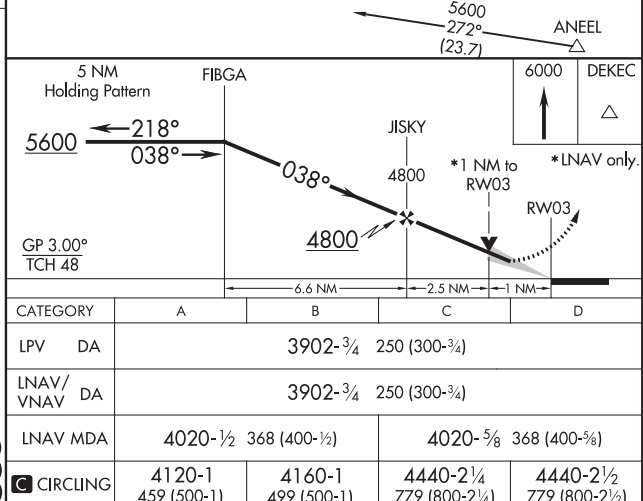
GND CON  
**121.9**

UNICOM  
122.95

ELEV 3661		TDZE 3652
-----------	---	-----------



MIRL Rwy 12-30 **L**  
HIRL Rwy 3-21 **L**  
REIL Rwy 21 **L**



Amdt 2B 04JAN18

32°41'N-103°13'W

LEA COUNTY RGNL (HOB)  
RNAV (GPS) RWY 3

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>82735</b> <b>W21A</b>	APP CRS <b>218°</b>	Rwy Idg TDZE <b>3649</b> Apt Elev <b>3661</b>
--	------------------------	---

RNAV (GPS) RWY 21

LEA COUNTY RGNL (HOB)

⚠

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 53°C (128°F). DME/DME-RNP-0.3 NA. Inoperative table does not apply to LNAV/VNAV all Cats and LNAV Cats C/D. When local altimeter setting not received, use Carlsbad altimeter setting and increase all DA 281 feet and all MDA 300 feet, increase LPV and LNAV/VNAV all Cats visibility ¾ mile, LNAV Cats C/D and Circling Cat C visibility ¾ mile, and Circling Cat D visibility ½ mile. Baro-VNAV and VDP NA when using Carlsbad altimeter setting. For inoperative ODALS when using Carlsbad altimeter setting, increase LPV and LNAV/VNAV all Cats and LNAV Cats C/D vis to 1 ½ miles. Rwy 17 helicopter visibility reduction below 1 SM NA. Circling Rwy 17 NA at night.

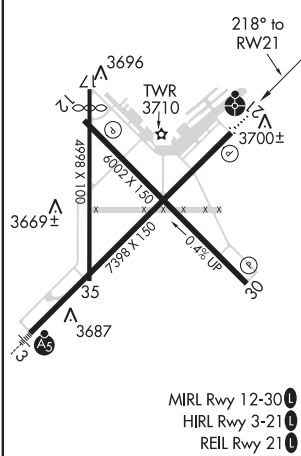
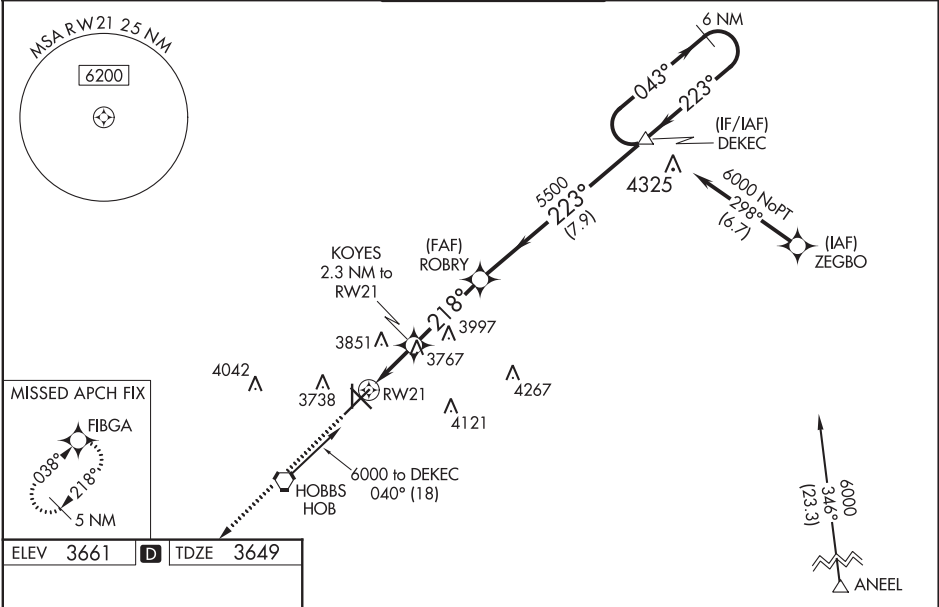
ODALS




...

MISSED APPROACH:

Climb to 5600 direct FIBGA and hold.

ATIS <b>119.75</b>	FORT WORTH CENTER <b>133.1 298.95</b>	HOBBS TOWER ★ <b>120.65 (CTAF) 317.4</b>	GND CON <b>121.9</b>	UNICOM <b>122.95</b>
-----------------------	--	---	-------------------------	-------------------------



5600 ↑	FIBGA 	KOYES 2.3 NM to RW21	ROBRY 5500	DEKEC	6 NM Holding Pattern	043° → ← 223° 6000
* LNAV only.		* 1 NM to RW21	218° 4420*	223° 5500	GP 3.00° TCH 44	
		1 NM	1.3 NM	3.4 NM	7.9 NM	
CATEGORY	A		B	C	D	
LPV DA	3899-¾		250 (300-¾)			
LNAV/ VNAV DA	3899-¾		250 (300-¾)			
LNAV MDA	4020-¾ 371 (400-¾)		4020-1		371 (400-1)	
 CIRCLING	4120-1 459 (500-1)		4160-1 499 (500-1)		4440-2½ 779 (800-2½)	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) RWY 30  
LEA COUNTY RGNL (HOB)

RNAV (GPS) RWY 30

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC/DME I-HOB	APP CRS	Rwy Idg	7398
108.5	218°	TDZE	3649
Chan 22		Apt Elev	3661

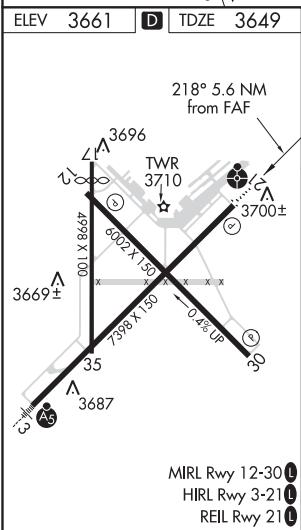
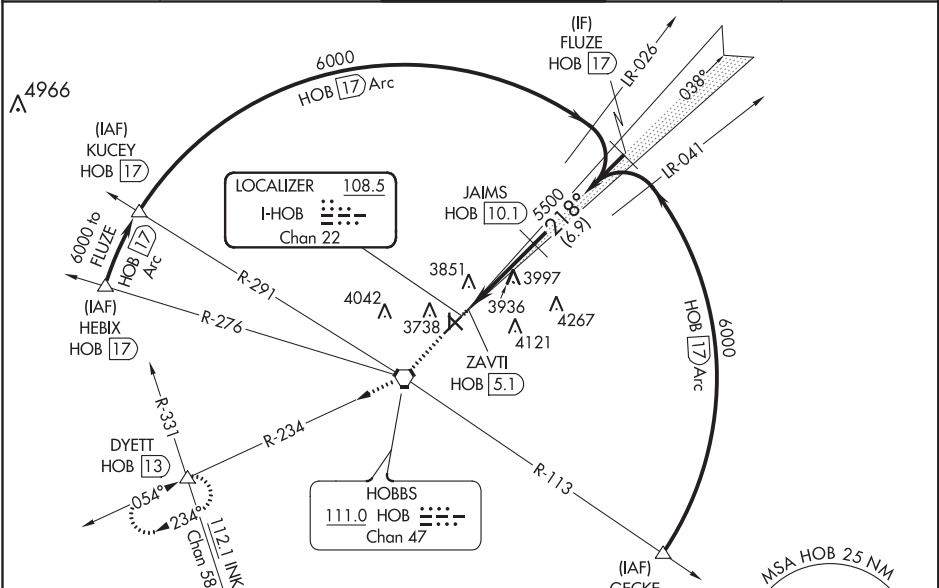
LOC BC RWY 21  
LEA COUNTY RGNL (HOB)

**⚠** DME from HOB VORTAC. Simultaneous reception of I-HOB and HOB DME required. When local altimeter not received, use Carlsbad altimeter setting and increase all MDA 300 feet; increase S-21 Cat C/D visibility  $\frac{3}{4}$  mile; increase Circling Cat C visibility  $\frac{3}{4}$  mile; increase Circling Cat D visibility  $\frac{1}{2}$  mile. Inoperative table does not apply. Rwy 17 helicopter visibility reduction below 1 SM NA. Circling Rwy 17 NA at night. DME required.

**ODALS**

**MISSED APPROACH:** Climb to 6000 direct HOB VORTAC then via HOB VORTAC R-234 to DYETT INT/13 DME and hold.

ATIS 119.75	FORT WORTH CENTER 133.1 298.95	HOBBES TOWER★ 120.65 (CTAF) 317.4	GND CON 121.9	UNICOM 122.95
----------------	-----------------------------------	--------------------------------------	------------------	------------------



DME REQUIRED  
BACK COURSE

6000	HOB	DYETT	Disregard GS indications.
↑	HOB R-234	△	
	JAIMS HOB 10.1		
	ZAVTI HOB 5.1		
	≤ 3.02° TCH 44		
	5500		
	0.6	5 NM	6.9 NM
CATEGORY	A	B	C
S-21	4080-1	431 (500-1)	4080-1 1/4
CIRCLING	4120-1	4160-1	4440-2 1/4
	459 (500-1)	499 (500-1)	779 (800-2 1/4)
			4080-1 1/2
			431 (500-1 1/2)
			4440-2 1/2
			779 (800-2 1/2)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



HOBBS, NEW MEXICO

AL-851 (FAA)

19339

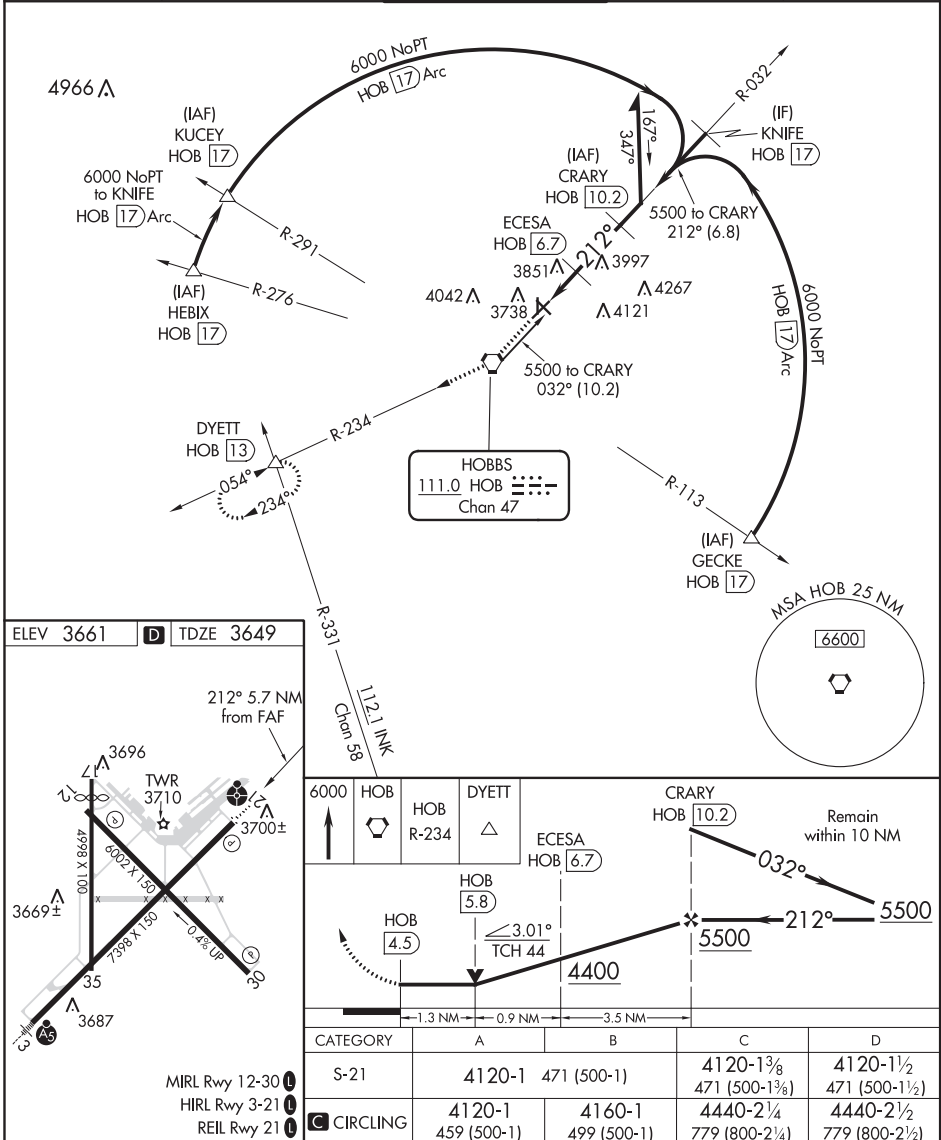
VORTAC HOB <b>111.0</b> Chan <b>47</b>	APP CRS <b>212°</b>	Rwy Idg TDZE Apt Elev <b>7398</b> <b>3649</b> <b>3661</b>
--	------------------------	--

# VOR or TACAN RWY 21

LEA COUNTY RGNL (HOB)

DME required for procedure entry. DME required.	ODALS	MISSED APPROACH: Climb to 6000 direct HOB VORTAC then via HOB VORTAC R-234 to DYETT INT/HOB 13 DME and hold.
<p><b>V</b> Circling Rwy 17 NA at night.</p> <p><b>A</b> Rwy 17 helicopter visibility reduction below 1 SM NA.</p>		

ATIS <b>119.75</b>	FORT WORTH CENTER <b>133.1 298.95</b>	HOBBS TOWER★ <b>120.65 (CTAF) 0 317.4</b>	GND CON <b>121.9</b>	UNICOM <b>122.95</b>
-----------------------	--	--	-------------------------	-------------------------



HOBBS, NEW MEXICO

32°41'N-103°13'W

LEA COUNTY RGNL (HOB)

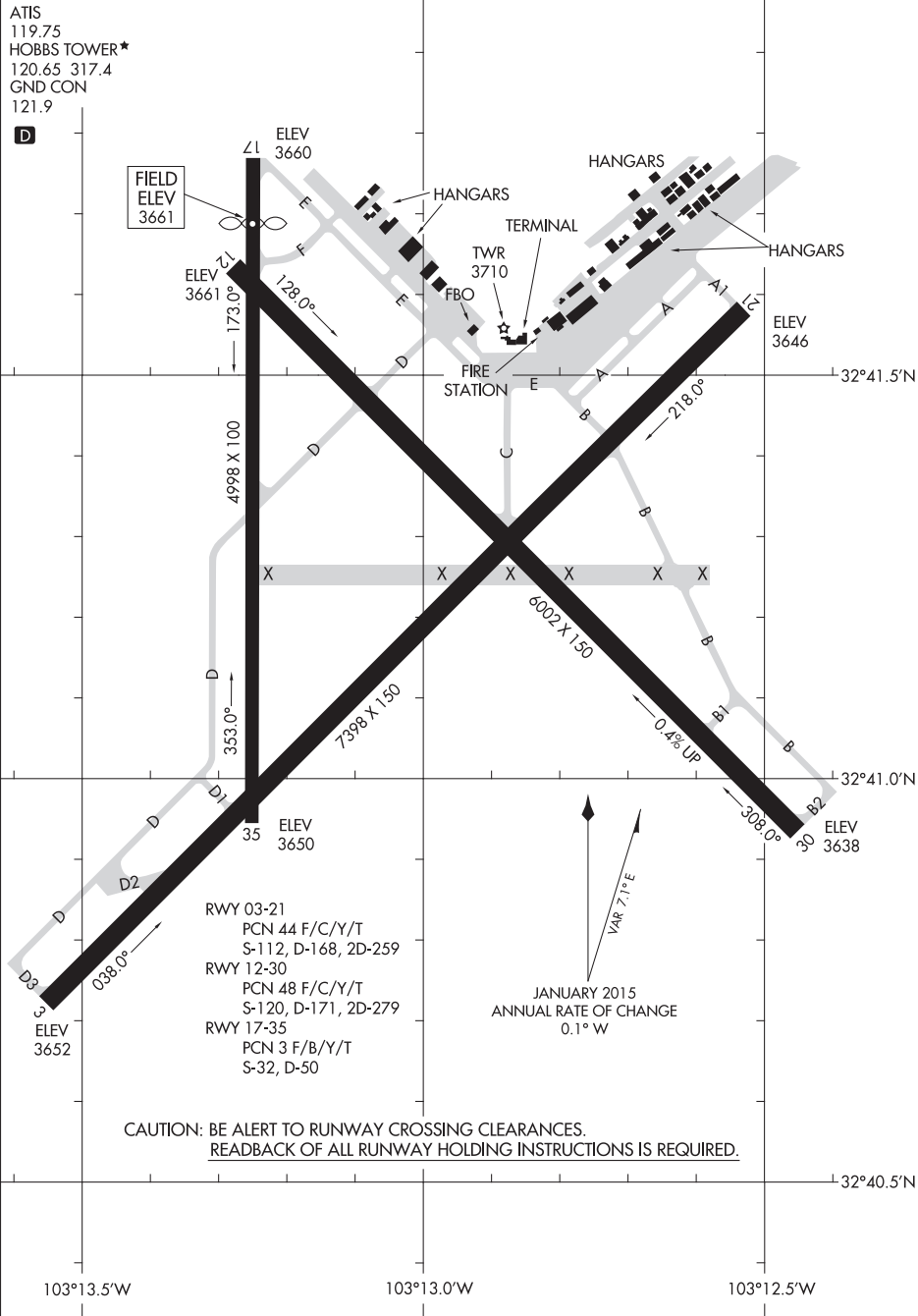
Amdt 9D 05DEC19

# VOR or TACAN RWY 21

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

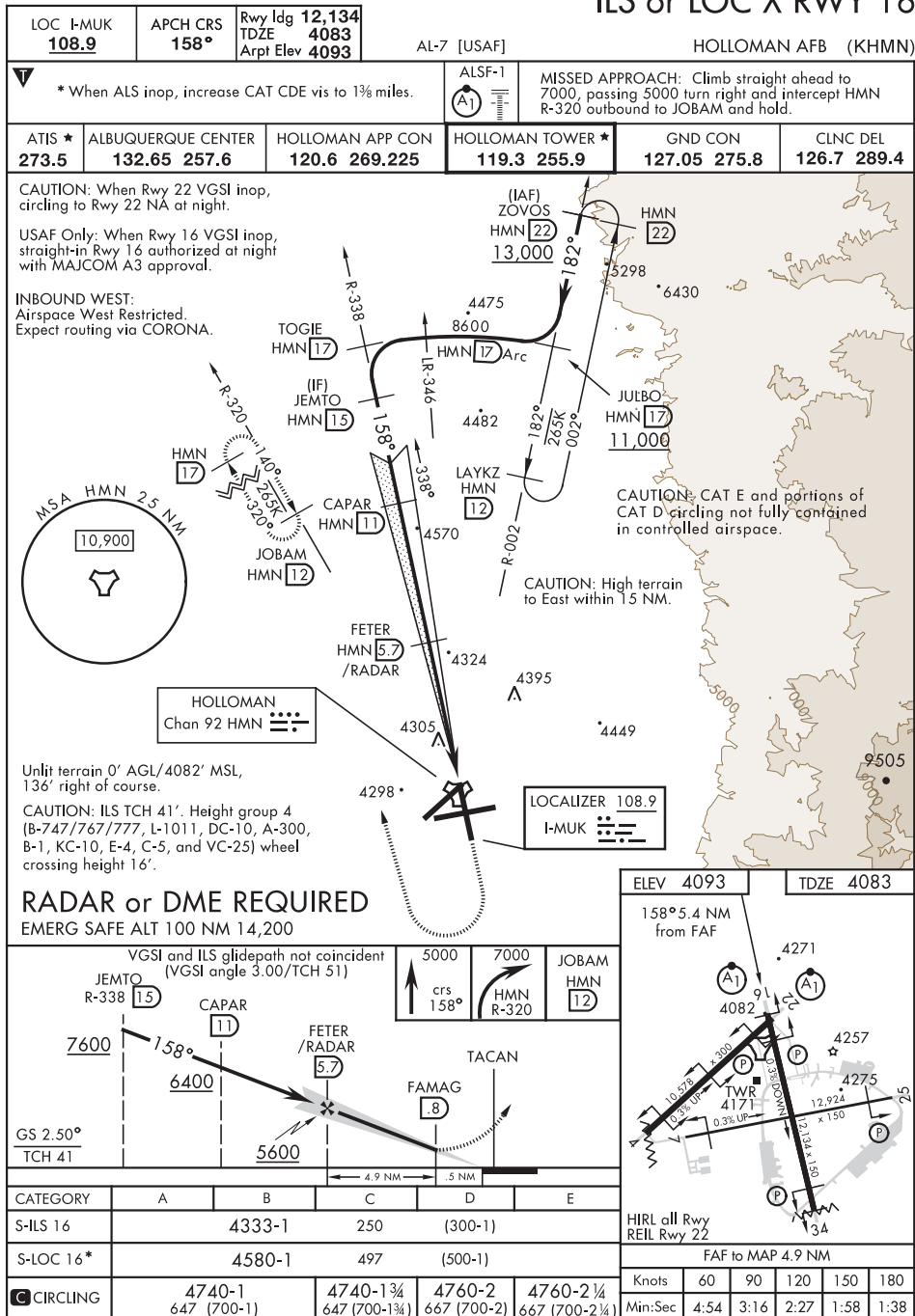






ALAMOGORDO, NEW MEXICO

ILS or LOC X RWY 16



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

ALAMOGORDO, NEW MEXICO

32° 51' N-106° 06' W

HOLLOMAN AFB (KHMN)

Amdt 3 25APR19

ILS or LOC X RWY 16



ALAMOGORDO, NEW MEXICO

RNAV (GPS) RWY 16

APCH CRS	Rwy Idg	12,134
158°	TDZE	4083
	Arpt Elev	4093

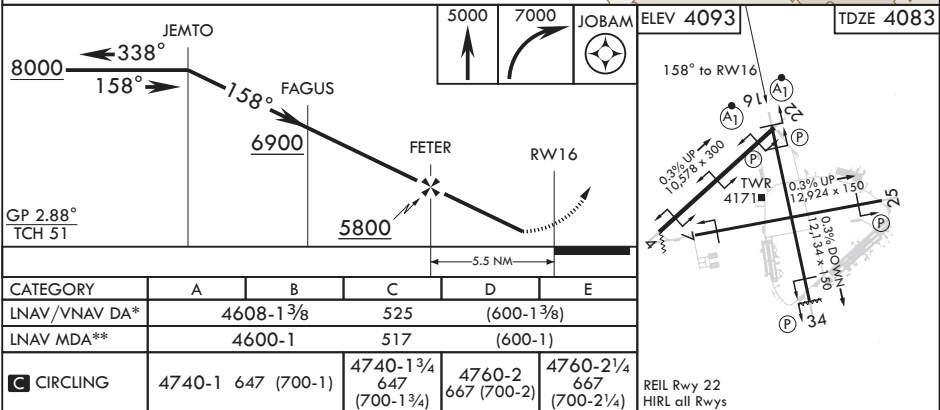
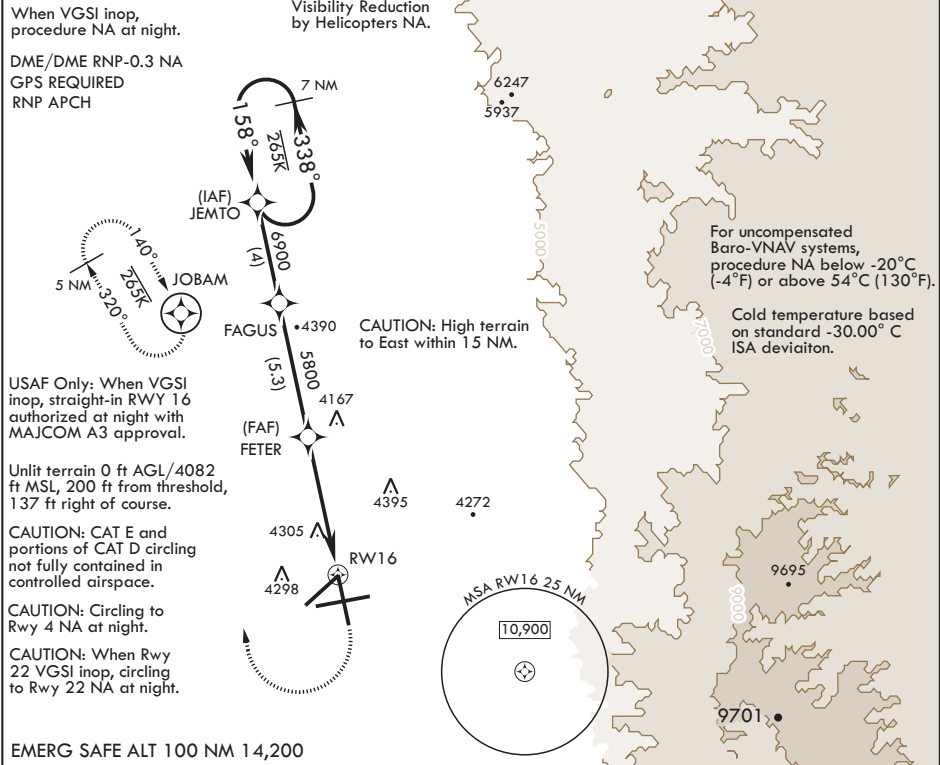
AL-7 (USAF)

HOLLOMAN AFB (KHMN)

**V** \* When ALS inop, increase CAT ABCDE vis to 1 7/8 miles.  
\*\* When ALS inop, increase CAT CDE vis to 1 3/8 miles.

**ALSF-1** MISSED APPROACH: Climb straight ahead to 7000, passing 5000 turn direct JOBAM, do not exceed 265 KIAS until turn completion and hold.

ATIS★	APP CON	TOWER★	GND CON	CHEROKEE MISSION	CLNC DEL
273.5	120.6 269.225	119.3 255.9	127.05 275.8	126.9 305.5	126.7 289.4



ALAMOGORDO, NEW MEXICO

32°51'N - 106°07'W

HOLLOMAN AFB (KHMN)

Orig 08NOV18

RNAV (GPS) RWY 16

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) RWY 34

HOLLOMAN AFB (KHMN)

**MISSED APPROACH:** Climb to 4800 then climbing turn to 10,000 direct FAVAT and hold, continue climb-in-hold to 10,000.

DME/DME RNP-0.3 NA  
GPS REQUIRED  
RNP APCH

Visibility Reduction  
by Helicopter NA.

CAUTION: CAT E and  
portions of CAT D circling  
not fully contained in  
controlled airspace.

CAUTION: High terrain  
to East within 15 NM.

Min holding  
alt 10,000

FAVAT

4931

337°

157°

7 NM

4298

4395

4359

4272

7598

9695

RW34

4072

(FAF)  
DANNK

4337

5500

338°

(8)

(IAF/IF)  
WINOK

MSA RW34 25 NM

10,900

EMERG SAFE ALT 100 NM 14,200

CATEGORY	A	B	C	D	E
LNAB MDA	4520-1	462 (500-1)	4520-1 3/8	462	(500-1 3/8)
<b>C</b> CIRCLING*	4740-1	648 (700-1)	4740-1 3/4 648 (700-1 3/4)	4760-2 668 (700-2)	4760-2 1/4 668 (700-2 1/4)

HIRL all Rwy's  
REIL Rwy 22

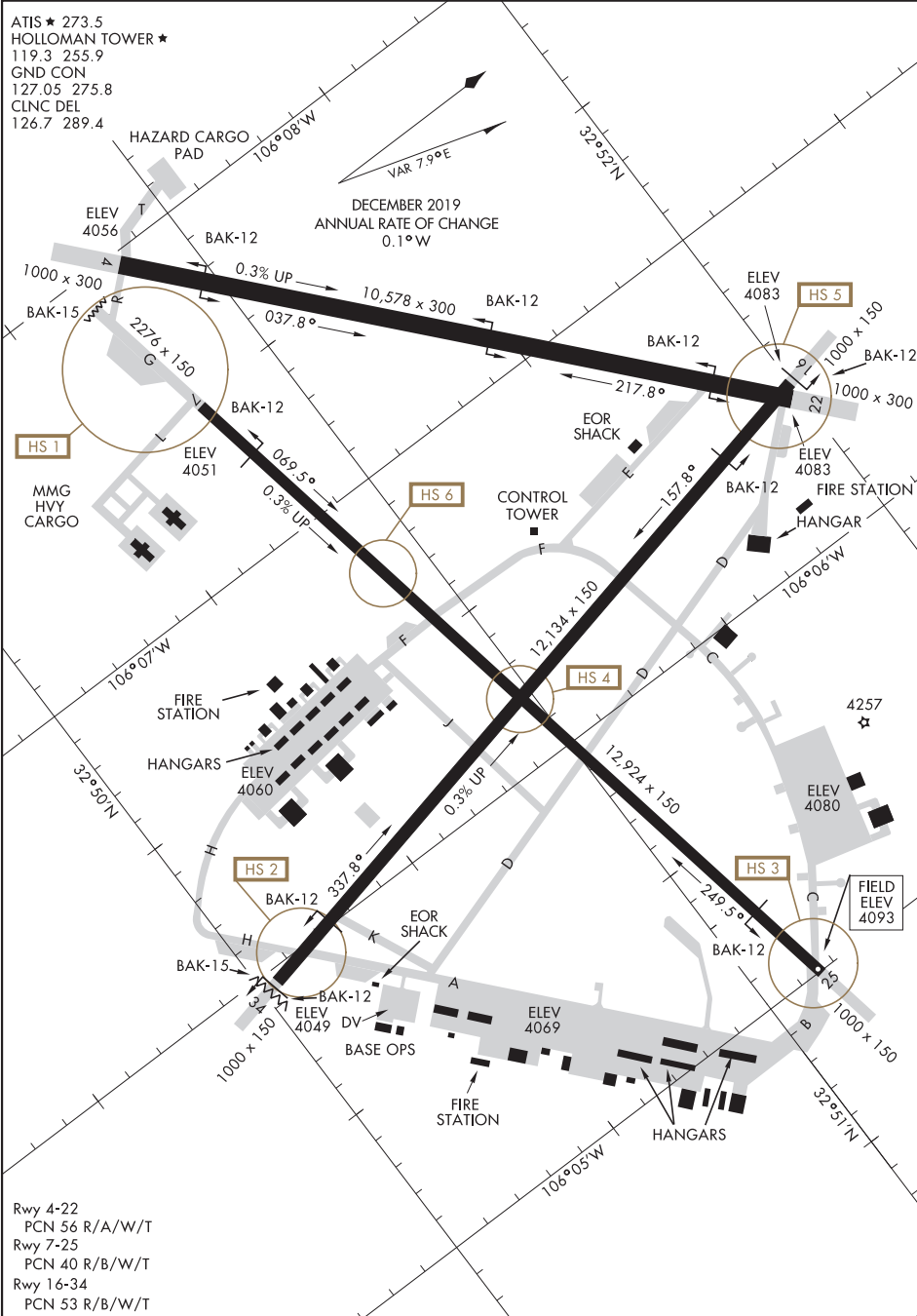
HOLLOMAN AFB (KHMN)

RNAV (GPS) RWY 34

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020

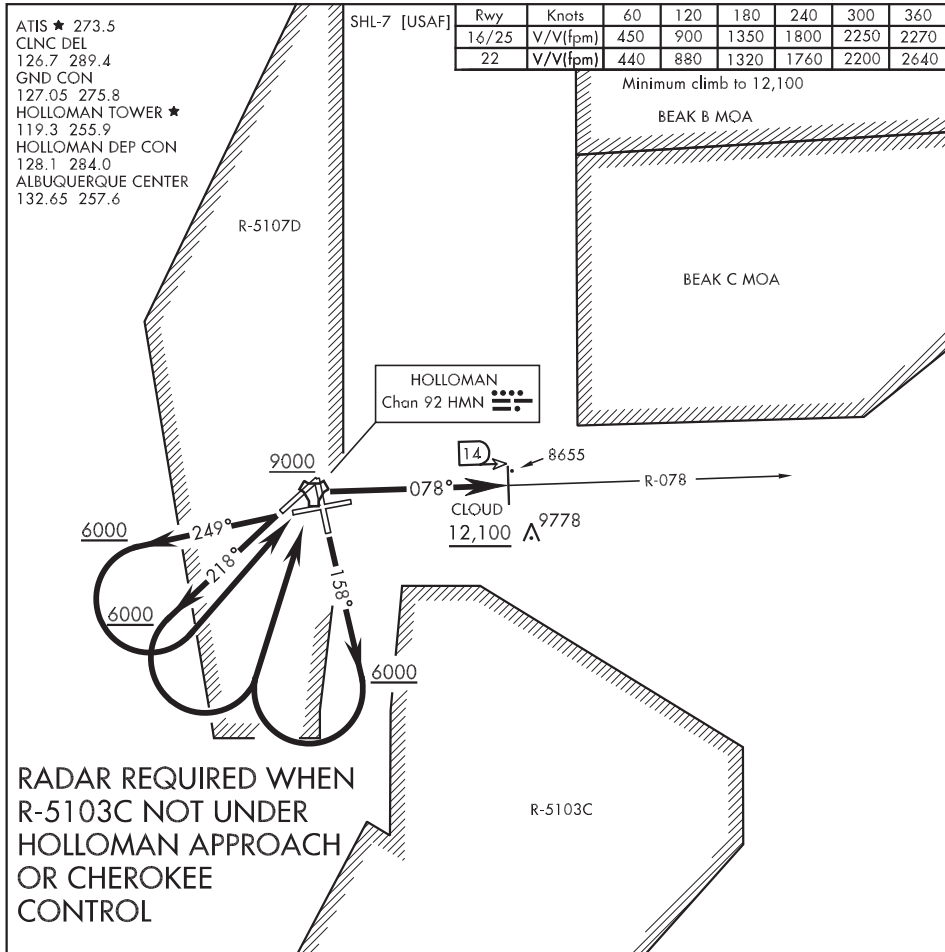


13122

CLOUD-FOUR ALPHA DEPARTURE (CLOUA4•CLOUD)

HOLLOMAN AFB (KHMN)

ALAMOGORDO, NEW MEXICO



DEPARTURE ROUTE DESCRIPTION

**TAKE-OFF RWY 16:** Climb on track 158°. When leaving 6000 turn right direct HMN TACAN, then proceed via HMN R-078 to CLOUD (HMN R-078/14), then via assigned routing. Cross HMN at or above 9000. Cross CLOUD at or above 12,100.

**TAKE-OFF RWY 22:** Climb on track 218°. When leaving 6000 turn left direct HMN TACAN, then proceed via HMN R-078 to CLOUD (HMN R-078/14), then via assigned routing. Cross HMN at or above 9000. Cross CLOUD at or above 12,100.

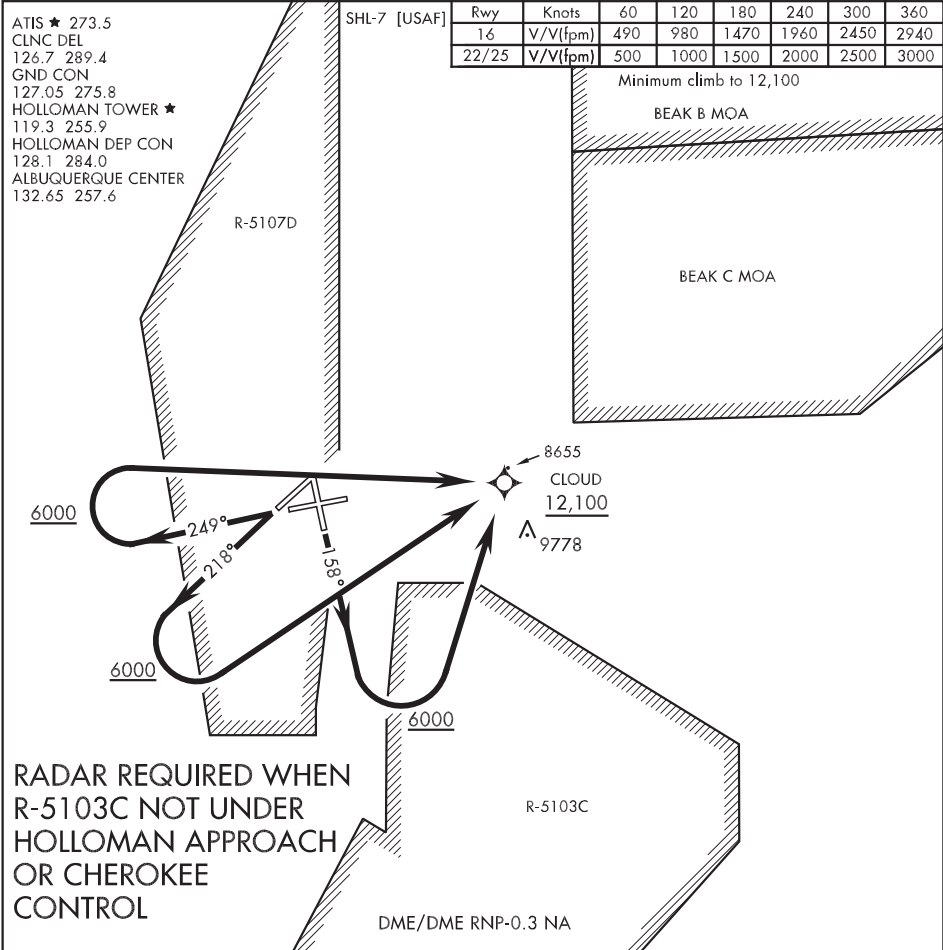
**TAKE-OFF RWY 25:** Climb on track 249°. When leaving 6000 turn left direct HMN TACAN, then proceed via HMN R-078 to CLOUD (HMN R-078/14), then via assigned routing. Cross HMN at or above 9000. Cross CLOUD at or above 12,100.

CLOUD-FOUR ALPHA DEPARTURE (CLOUA4•CLOUD)

ALAMOGORDO, NEW MEXICO

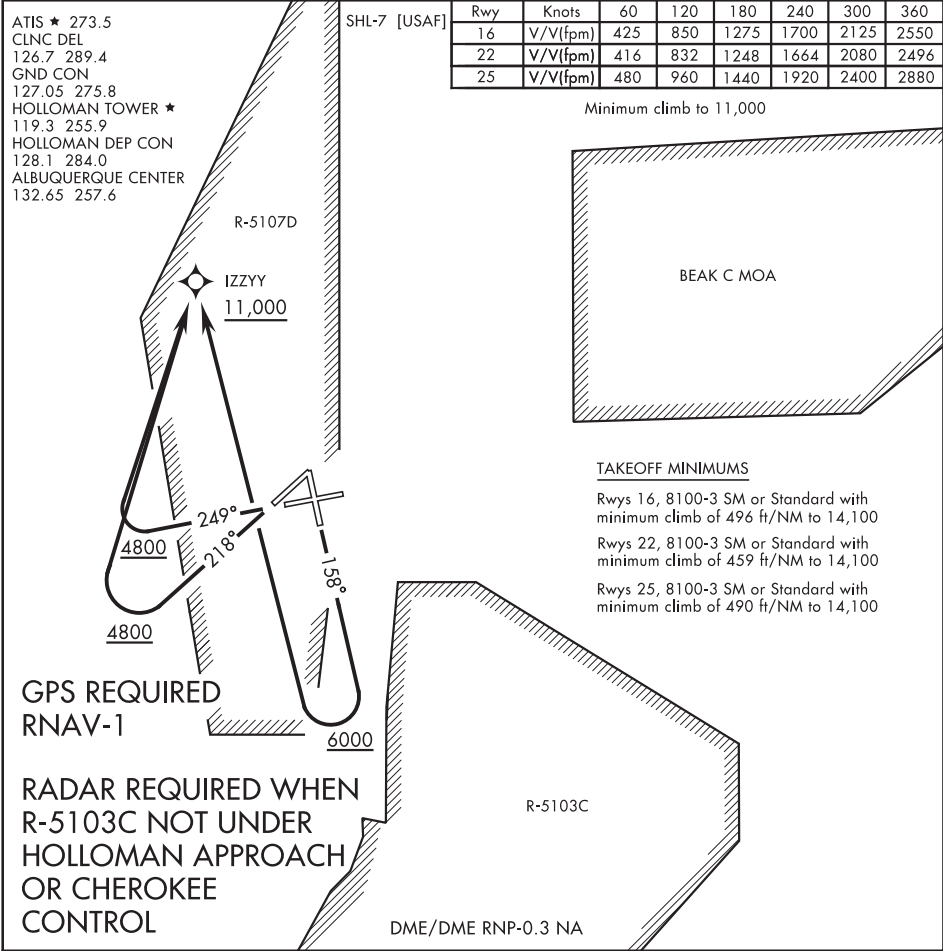
HOLLOMAN AFB (KHMN)





DEPARTURE ROUTE DESCRIPTION
<u>TAKE-OFF RWY 16:</u> Climb on track 158°. When leaving 6000 turn left direct CLOUD then via assigned routing. Cross CLOUD at or above 12,100.
<u>TAKE-OFF RWY 22:</u> Climb on track 218°. When leaving 6000 turn left direct CLOUD then via assigned routing. Cross CLOUD at or above 12,100.
<u>TAKE-OFF RWY 25:</u> Climb on track 249°. When leaving 6000 turn right direct CLOUD then via assigned routing. Cross CLOUD at or above 12,100.

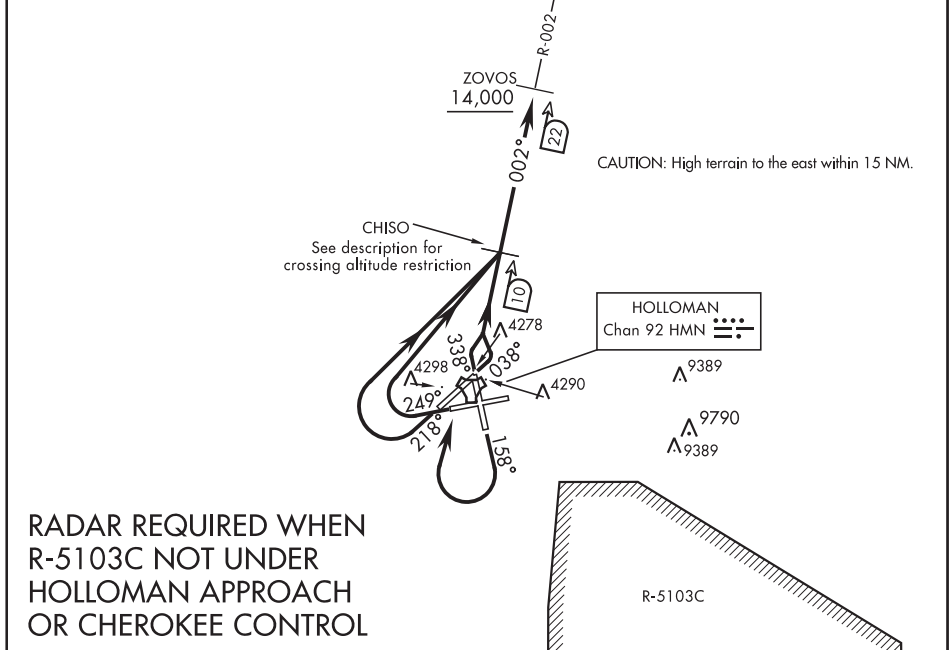




DEPARTURE ROUTE DESCRIPTION
<u>TAKE-OFF RWY 16:</u> Climb on track 158° when leaving 6000 turn right direct IZZYY, then via assigned routing. Cross IZZYY at or above 11,000.
<u>TAKE-OFF RWY 22:</u> Climb on track 218° when leaving 4800 turn right direct IZZYY, then via assigned routing. Cross IZZYY at or above 11,000.
<u>TAKE-OFF RWY 25:</u> Climb on track 249° when leaving 4800 turn right direct IZZYY, then via assigned routing. Cross IZZYY at or above 11,000.



ATIS ★ 273.5	Rwy	Knots	60	120	180	240	300	360
CLNC DEL	4	V/V(fpm)	457	914	1371	1828	2285	2742
126.7 289.4	16	V/V(fpm)	435	870	1305	1740	2175	2610
GND CON	22	V/V(fpm)	435	870	1305	1740	2175	2610
127.05 275.8	25	V/V(fpm)	421	842	1263	1684	2105	2526
HOLLOMAN TOWER ★	34	V/V(fpm)	458	916	1374	1832	2290	2748
119.3 255.9								
HOLLOMAN DEP CON								
128.1 284.0								
ALBUQUERQUE CENTER								
132.65 257.6								



**RADAR REQUIRED WHEN R-5103C NOT UNDER HOLLOMAN APPROACH OR CHEROKEE CONTROL**

**DEPARTURE ROUTE DESCRIPTION**

**TAKE-OFF RWY 4:** Climb on track 038° until HMN TACAN 1.4 DME. Turn left to intercept HMN R-002 to CHISO and cross at or above 7700. Continue outbound to ZOVOS and cross at or above 14,000.

**TAKE-OFF RWY 16:** Track 158° until HMN TACAN 2.9 DME. Turn right to intercept HMN R-002 to CHISO and cross at 7900. Continue outbound to ZOVOS and cross at or above 14,000.

**TAKE-OFF RWY 22:** Climb on track 218° until HMN TACAN 2.6 DME. Turn right to intercept HMN R-002 to CHISO. Cross at or above 7900. Continue outbound to ZOVOS and cross at or above 14,000.

**TAKE-OFF RWY 25:** Climb on track 249° until HMN TACAN 2.6 DME. Turn right to intercept HMN R-002 to CHISO. Cross CHISO at or above 8100. Continue outbound to ZOVOS and cross at or above 14,000.

**TAKE-OFF RWY 34:** Climb on track 338° until HMN TACAN 1.4 DME. Turn right to intercept HMN R-002 to CHISO. Cross CHISO at or above 7700. Continue outbound to ZOVOS and cross at or above 14,000.



HOLYOKE, COLORADO

AL-6634 (FAA)

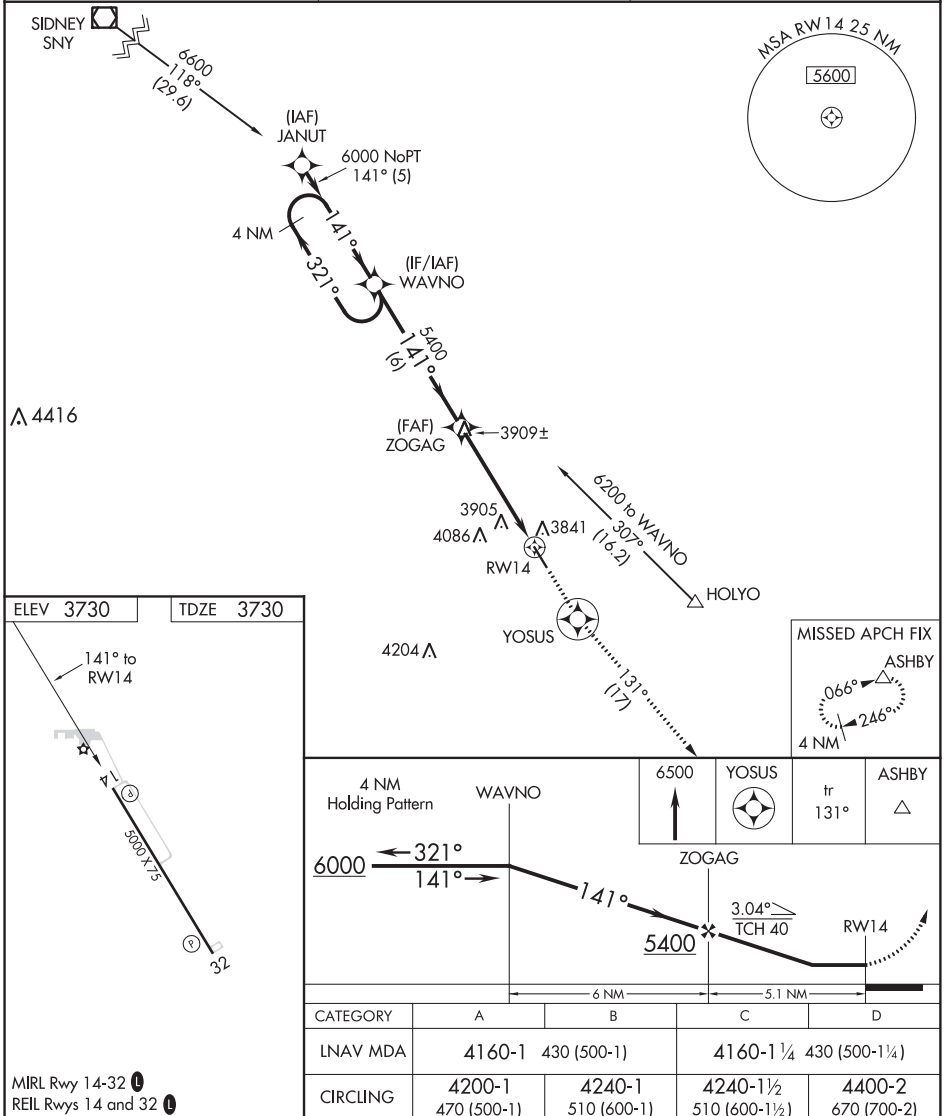
19115

APP CRS <b>141°</b>	Rwy Idg <b>5000</b>
	TDZE <b>3730</b>
	Apt Elev <b>3730</b>

# **RNAV (GPS) RWY 14** HOLYOKE (HEQ)

<b>NA</b> Night landing: Rwy 14 NA. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Sidney Muni/Lloyd W Carr Field altimeter setting and increase all MDAs 200 feet and increase LNAV Cat C/D visibility ½ mile, Circling Cat C visibility ½ mile and Circling Cat D visibility ¾ mile.	<b>MISSED APPROACH:</b> Climb to 6500 direct YOSUS and via 131° track to ASHBY and hold.
--	--

<b>AWOS-3</b> <b>119.275</b>	<b>DENVER CENTER</b> <b>118.475 225.4</b>	<b>UNICOM</b> <b>122.7 (CTAF) 0</b>
---------------------------------	--	--



HOLYOKE, COLORADO

Orig-F 15SEP16

40°34'N-102°16'W

# **RNAV (GPS) RWY 14** HOLYOKE (HEQ)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS	Rwy Idg	5000
321°	TDZE	3727
	Apt Elev	3730

# RNAV (GPS) RWY 32

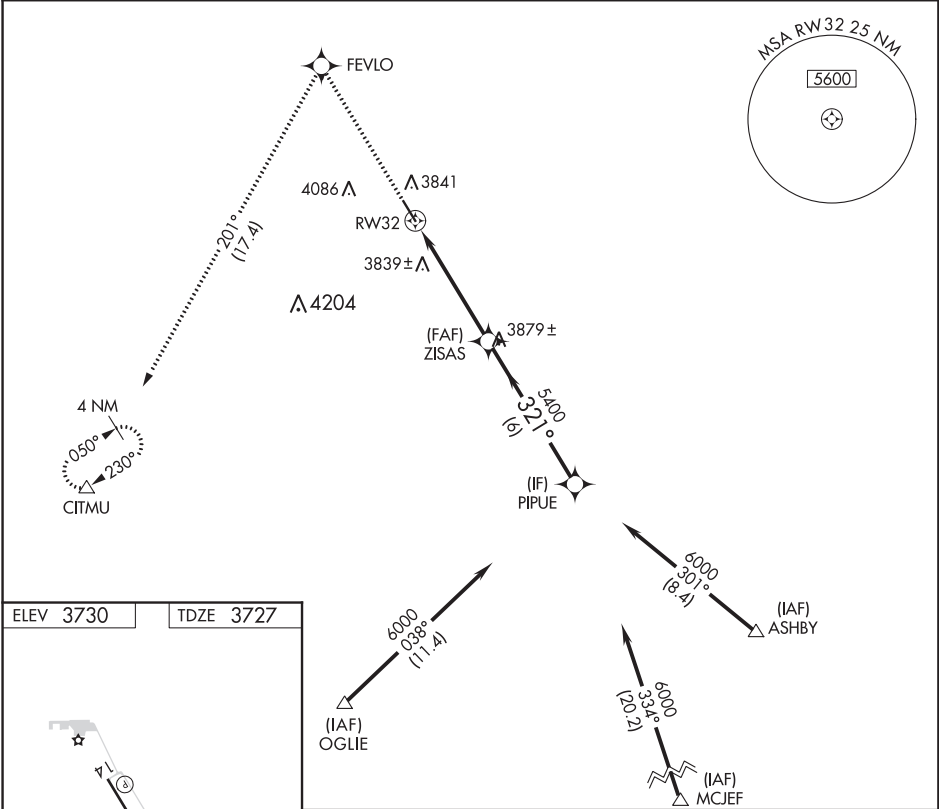
HOLYOKE (HEQ)

RNP APCH.

**NA** When local altimeter setting not received, use Sidney Muni/Lloyd W Carr Field altimeter setting and increase all MDA 200 feet and Cat C and D visibility ½ SM. VDP NA when using Sidney Muni/Lloyd W Carr Field altimeter setting.

MISSED APPROACH: Climb to 6500 direct FEVLO and left turn via 201° track to CITMU and hold.

AWOS-3 119.275	DENVER CENTER 118.475 225.4	UNICOM 122.7 (CTAF) <b>0</b>
-------------------	--------------------------------	---------------------------------



ELEV 3730	TDZE 3727	6500 FEVLO		CITMU	PIPUE
MIRL Rwy 14-32 <b>0</b> REIL Rwy 14 and 32 <b>0</b>		1.1 NM to RW32		ZISAS	
		RW32		5400	
		3.05° TCH 40		6000	
		1.1 NM		4 NM	
		6 NM		Procedure Turn NA	
CATEGORY		A		B	
LNAV MDA		4100-1		373 (400-1)	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(HOLYO4.NACIK) 18312

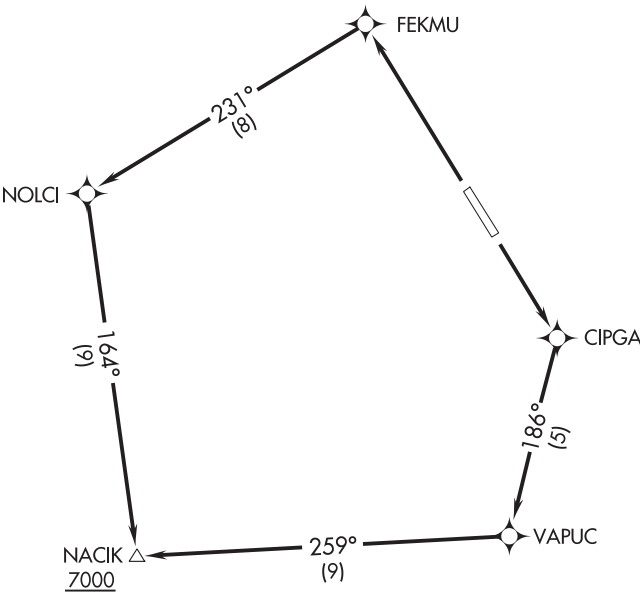
HOLYOKE FOUR DEPARTURE (RNAV)

AL-6634 (FAA)

HOLYOKE (HEQ)  
HOLYOKE, COLORADO

AWOS-3  
119.275  
DENVER CENTER  
118.475 225.4  
UNICOM  
122.7 (CTAF)

TOP ALTITUDE:  
ASSIGNED BY ATC



NOTE: RNAV 1.  
NOTE: GPS required.

TAKEOFF MINIMUMS  
Rwy 14: Standard.  
Rwy 32: 300-1 or standard with minimum climb of 280' per NM to 4000.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb direct CIPGA, then on depicted route to cross NACIK at or above 7000.  
TAKEOFF RUNWAY 32: Climb direct FEKMU, then on depicted route to cross NACIK at or above 7000.

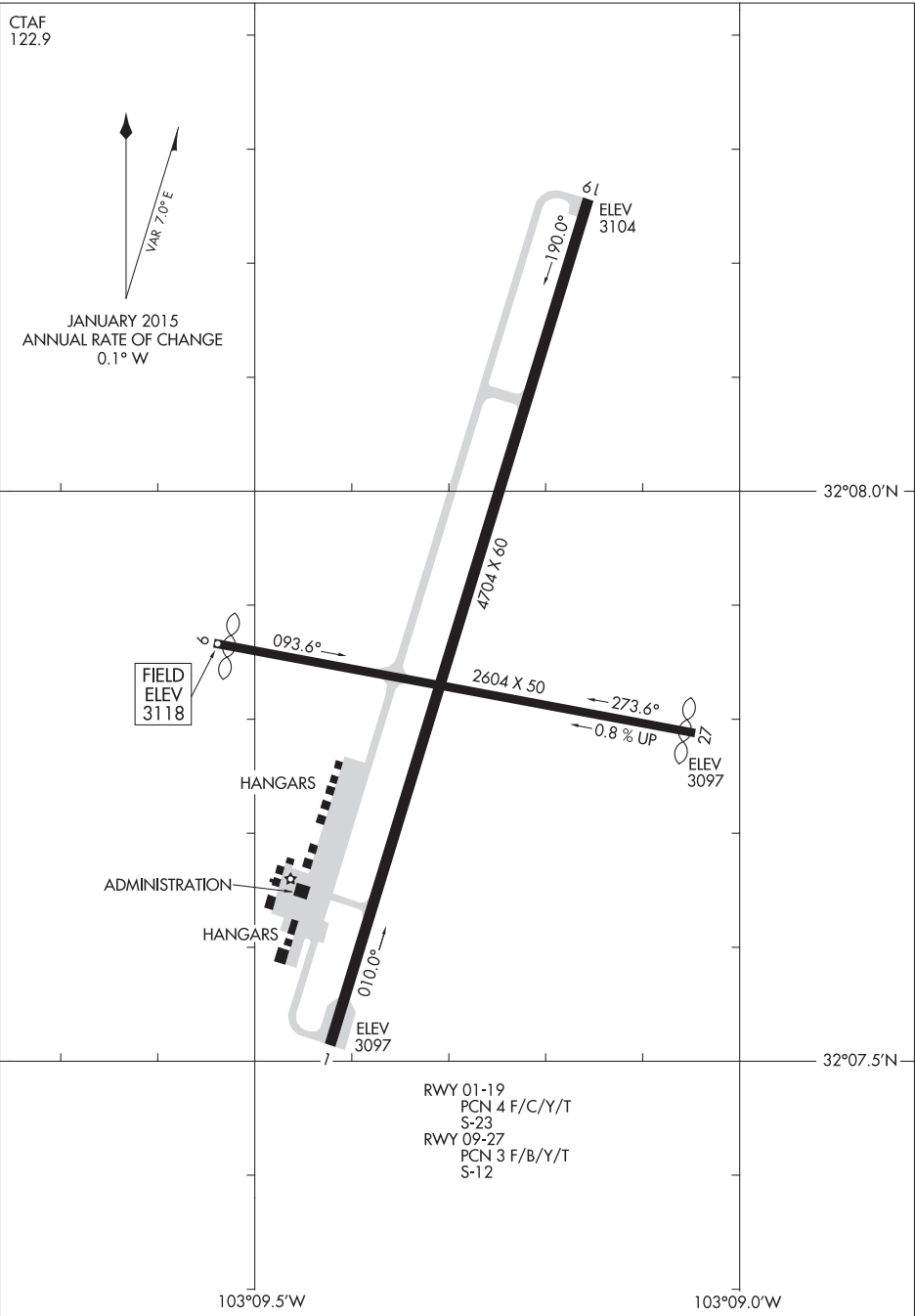
HOLYOKE FOUR DEPARTURE (RNAV)  
(HOLYO4.NACIK) 21JUL16

HOLYOKE, COLORADO  
HOLYOKE (HEQ)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



KREMMLING, COLORADO

AL-6734 (FAA)

19171

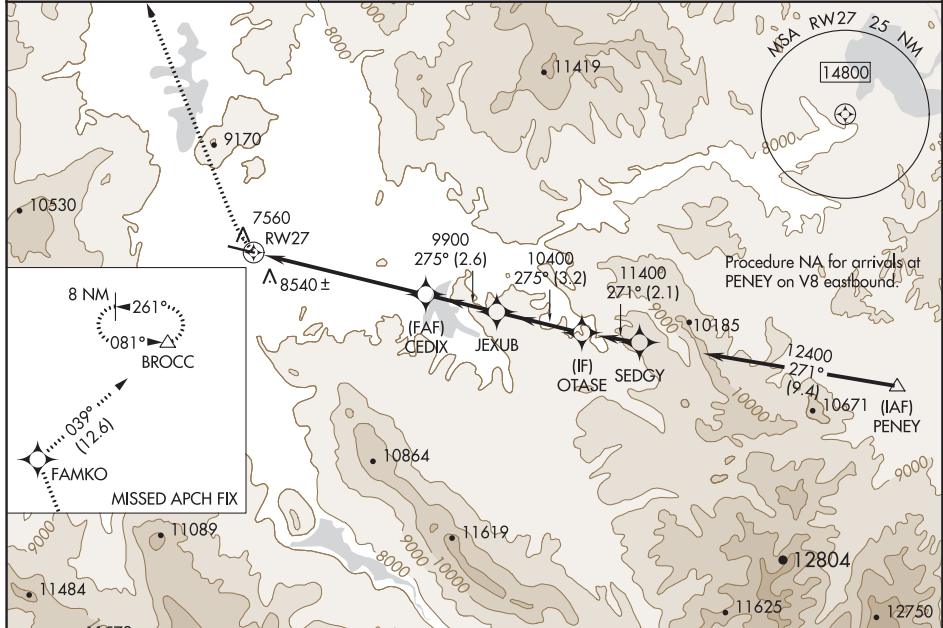
WAAS CH <b>63040</b> <b>W27A</b>	APP CRS <b>275°</b>	Rwy Idg TDZE <b>7415</b> Apt Elev <b>7415</b>
--	------------------------	---

# RNAV (GPS) RWY 27

MC ELROY AIRFIELD (20V)

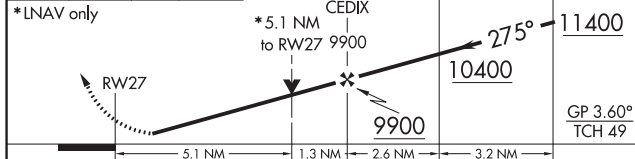
  -21°C	Circling NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -29°C (-21°F) or above 33°C (91°F). Circling NA south of Rwy 9-27. DME/DME RNP-0.3 NA. Rwy 27 helicopter visibility reduction below ¾ SM NA.	<b>MISSED APPROACH:</b> Climbing right turn to 13400 direct FAMKO and on track 039° to BROCC and hold. # Missed approach requires minimum climb of 405 feet per NM to 10000.
---------------	--	--

AWOS-3 <b>118.425</b>	DENVER CENTER <b>128.65 282.2</b>	UNICOM <b>122.8 (CTAF)</b>
--------------------------	--------------------------------------	-------------------------------

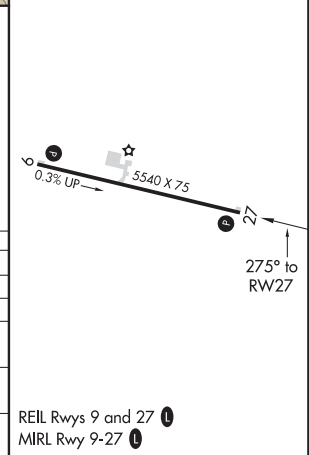


ELEV <b>7415</b>	TDZE <b>7415</b>
------------------	------------------

13400 FAMKO	BROCC
tr 039°	



CATEGORY	A	B	C	D
LPV DA #	8111-2	696 (700-2)		NA
LPV DA	9045-5	1630 (1700-5)		NA
LNAV/VNAV DA	8784-4	1369 (1400-4)		NA
LNAV MDA	9100-1¼ 1685 (1700-1¼)	9100-1½ 1685 (1700-1½)	9100-3 1685 (1700-3)	NA
CIRCLING	9180-1¼ 1765 (1800-1¼)	9180-1½ 1765 (1800-1½)	9180-3 1765 (1800-3)	NA



KREMMLING, COLORADO

Orig 22JUN17

40°03'N-106°22'W

MC ELROY AIRFIELD (20V)

# RNAV (GPS) RWY 27

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



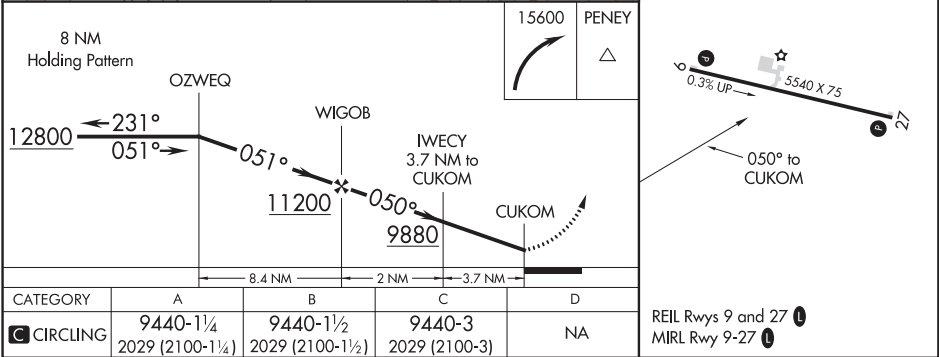
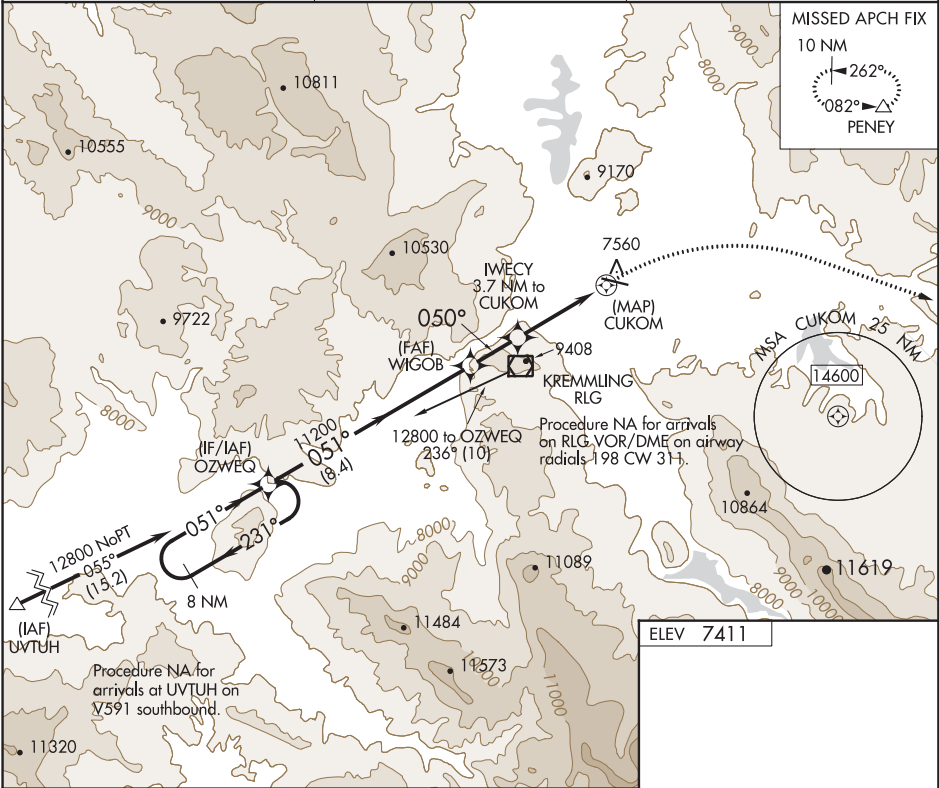
APP CRS	Rwy Idg	N/A
050°	TDZE	N/A
	Apt Elev	7411

RNAV (GPS)-B

MC ELROY AIRFIELD (20V)

RNP APCH.	MISSED APPROACH: Climbing right turn to 15600 direct PENEY and hold, continue climb-in-hold to 15600.
<div><div>▼</div><div>⚠</div><div>❄</div></div> <div>When local altimeter setting not received, procedure NA. Night Landing Rwy 9 NA. Circling NA south of Rwy 9-27. -21°C</div>	

AWOS-3 118,425	DENVER CENTER 128.65 282.2	UNICOM 122.8 (CTAF) 0
-------------------	-------------------------------	--------------------------





KREMMLING, COLORADO

AL-6734 (FAA)

19171

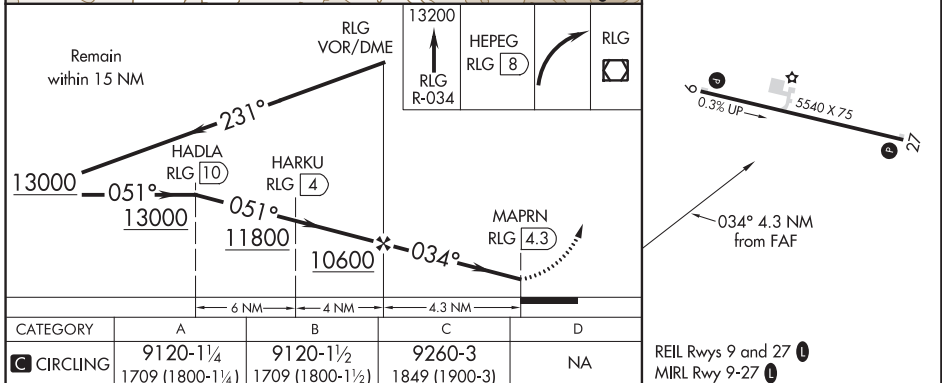
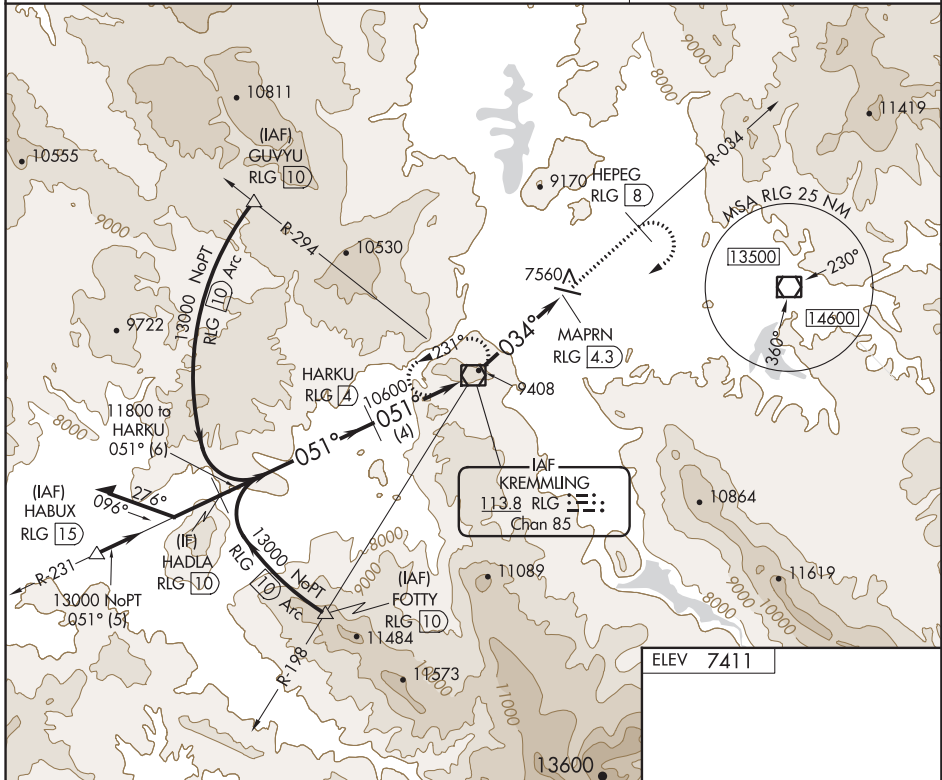
VOR/DME RLG <b>113.8</b> Chan <b>85</b>	APP CRS <b>034°</b>	Rwy Idg TDZE Apt Elev <b>N/A</b> <b>N/A</b> <b>7411</b>
---	------------------------	--

**VOR/DME-A**  
MC ELROY AIRFIELD (20V)

When local altimeter setting not received,  
procedure NA. Night Landing Rwy 9 NA.  
Circling NA south of Rwy 9-27.

MISSED APPROACH: Climb to 13200 on RLG VOR/DME R-034  
to HEPEG/RLG VOR/DME 8 DME then climbing right turn direct  
RLG VOR/DME and hold, continue climb-in-hold to 13200.

AWOS-3 <b>118,425</b>	DENVER CENTER <b>128.65 282.2</b>	UNICOM <b>122.8 (CTAF) 0</b>
--------------------------	--------------------------------------	---------------------------------



KREMMLING, COLORADO

Amdt 3B 31JAN19

40°03'N-106°22'W

MC ELROY AIRFIELD (20V)

**VOR/DME-A**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







LA JUNTA, COLORADO

AL-221 (FAA)

19059

WAAS CH <b>93813</b> <b>W26A</b>	APP CRS <b>261°</b>	Rwy Idg <b>6849</b> TDZE <b>4188</b> Apt Elev <b>4229</b>
--	------------------------	---

# RNAV (GPS) RWY 26

LA JUNTA MUNI (LHX)

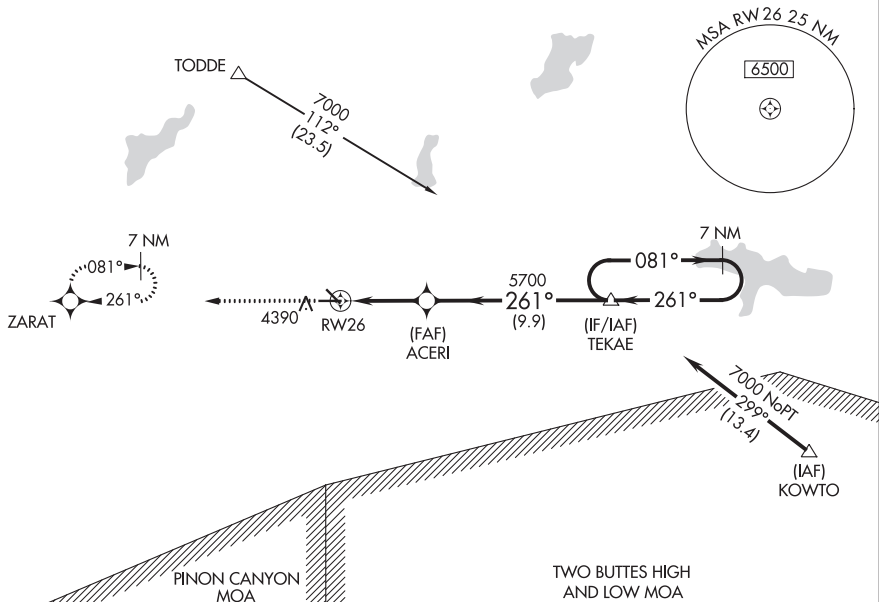
**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (-9°F) or above 40°C (104°F). DME/DME RNP-0.3 NA. Baro-VNAV and VDP NA when using Lamar altimeter setting. When local altimeter setting not received, use Lamar altimeter setting and increase all DA/MDA 180 feet and increase all visibility ¾ mile.

**MISSED APPROACH:** Climb to 7000 direct ZARAT and hold.

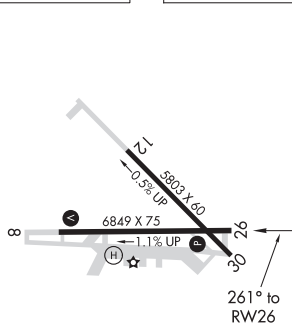
ASOS  
**135.525**

DENVER CENTER  
**128.375 379.95**

UNICOM  
**123.0 (CTAF) 0**



ELEV 4229 TDZE 4188



REIL Rwy 8 and 26 **0**  
MIRL Rwy 8-26 **0**

<p>7000 ZARAT</p> <p>*LNAV only. *0.9 NM to RW26</p> <p>ACERI 5700</p> <p>TEKAE 7 NM Holding Pattern</p> <p>7000</p> <p>GP 3.00° TCH 43</p>				
CATEGORY	A	B	C	D
LPV DA	4438-1	250 (300-1)		
LNAV/VNAV DA	4438-1	250 (300-1)		
LNAV MDA	4480-1	292 (300-1)		
CIRCLING	4740-1	511 (600-1)	4740-1½ 511 (600-1½)	4780-2 551 (600-2)

LA JUNTA, COLORADO

Amdt 1 27AUG09

38°03'N-103°31'W

LA JUNTA MUNI (LHX)

# RNAV (GPS) RWY 26

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>97429</b> <b>W08A</b>	APP CRS <b>079°</b>	Rwy Idg TDZE Apt Elev	<b>5001</b> <b>3685</b> <b>3706</b>
--	------------------------	-----------------------------	---

RNAV (GPS) RWY 8

LAMAR MUNI (LAA)

RNP APCH.

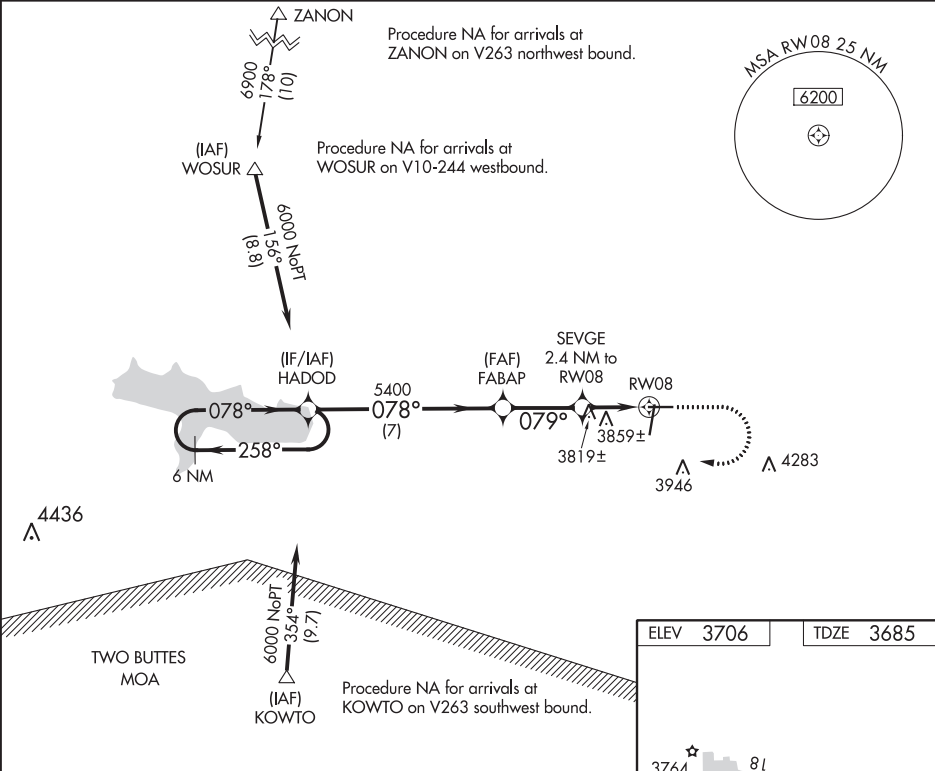
▼

▲

Procedure NA at night. When local altimeter setting not received, use La Junta altimeter setting and increase all MDA 180 feet; increase visibility LP and LNAV Cat C and D ½ SM. Rwy 8 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 4700 then climbing right turn to 6000 direct HADOD and hold.

ASOS <b>135.625</b>	DENVER CENTER <b>133.4 377.175</b>	UNICOM <b>122.8 (CTAF) 1</b>
------------------------	---------------------------------------	---------------------------------



VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 30).

6 NM Holding Pattern

HADOD

FABAP

SEVGE 2.4 NM to RWY 08

RWY 08

4700

6000

HADOD

3.00° TCH 45

5400

4480

7 NM

2.9 NM

2.4 NM

CATEGORY	A	B	C	D
LP MDA	4080-1	395 (400-1)	4080-1½	395 (400-1½)
LNAV MDA	4120-1	435 (500-1)	4120-1¼	435 (500-1¼)

ELEV 3706

TDZE 3685

3764

81

5001 X 60

26

079° to RWY 08

0.4% Up

6304 X 100

36

3928

REIL Rwy 18, 26 and 36

MIRL Rwy 8-26 and 18-36 1



LAMAR, COLORADO

AL-5290 (FAA)

19199

WAAS CH <b>86613</b> <b>W18A</b>	APP CRS <b>179°</b>	Rwy Idg <b>6304</b> TDZE <b>3695</b> Apt Elev <b>3706</b>
--	------------------------	---

# RNAV (GPS) RWY 18

LAMAR MUNI (LAA)

## RNP APCH.

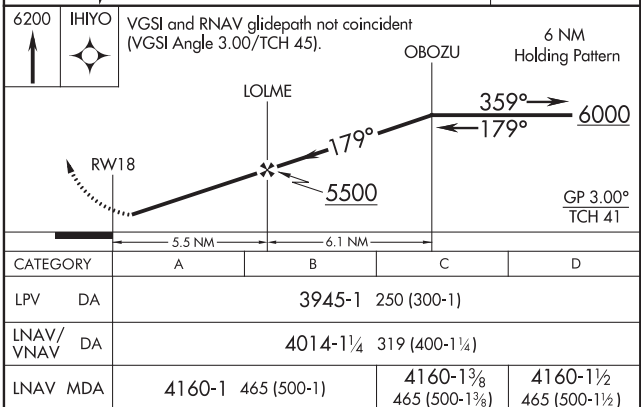
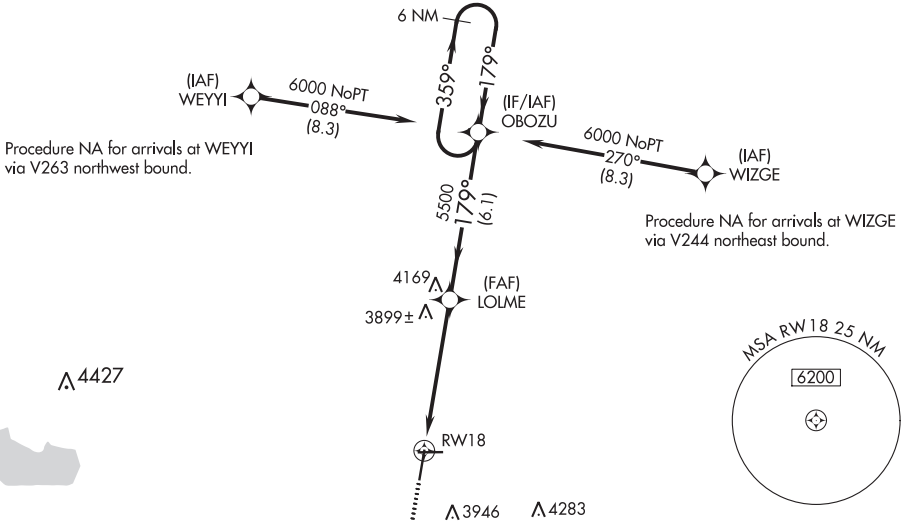
- ▼ Procedure NA at night. Rwy 18 helicopter visibility reduction below 1 SM NA.  
 ▲ Baro-VNAV NA when using La Junta altimeter setting. When local altimeter setting not received, use La Junta altimeter setting and increase all DA 163 feet and all MDA 180 feet, increase LPV, LNAV/VNAV visibility all Cats ½ SM; increase LNAV visibility Cat C and D ½ SM.

MISSED APPROACH: Climb to 6200  
direct IHIYO and hold.

ASOS  
**135.625**

DENVER CENTER  
**133.4 377.175**

UNICOM  
**122.8 (CTAF) 0**



LAMAR, COLORADO

Amdt 1C 18JUL19

38°04'N-102°41'W

LAMAR MUNI (LAA)

# RNAV (GPS) RWY 18

SW-1, 30 JAN 2020 to 26 MAR 2020



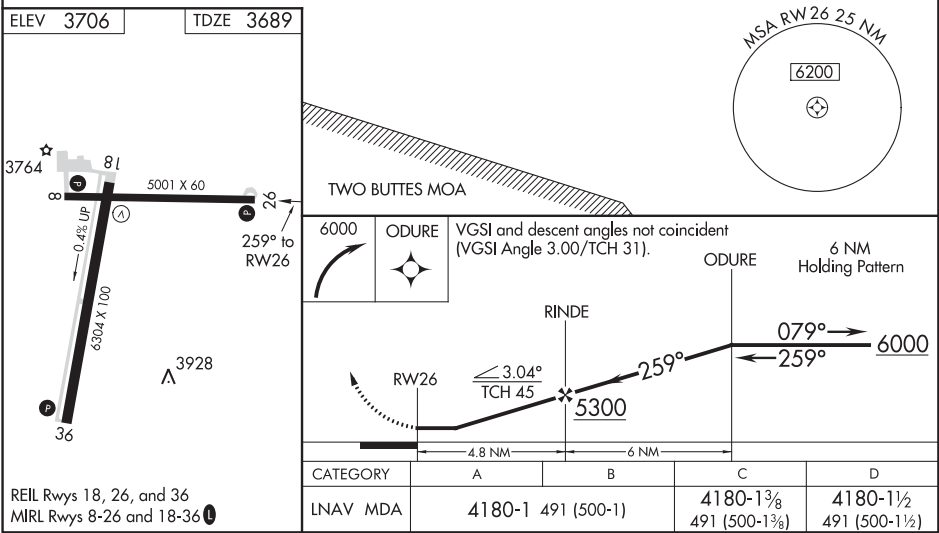
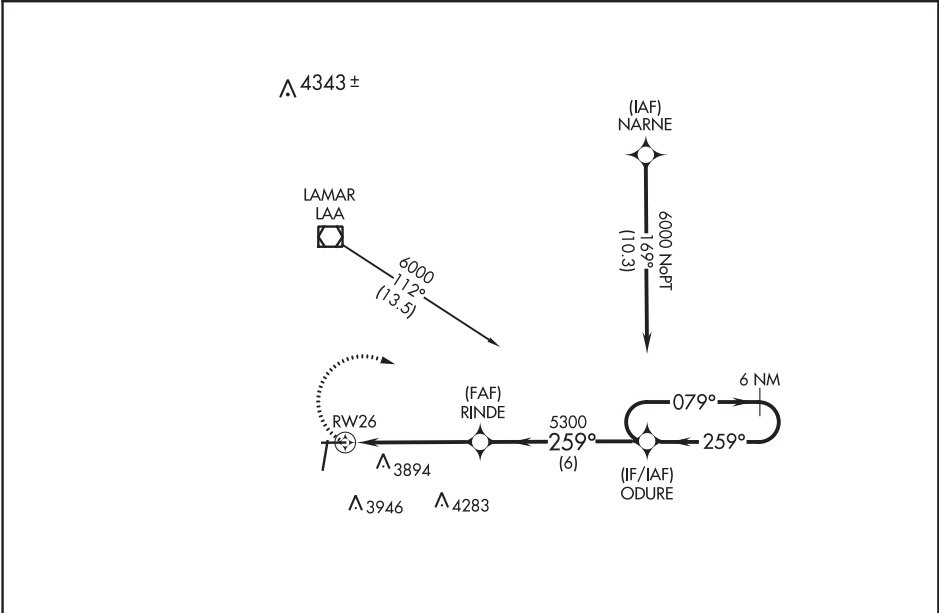
APP CRS	Rwy Idg	5001
259°	TDZE	3689
	Apt Elev	3706

RNAV (GPS) RWY 26

LAMAR MUNI (L.A.A.)

RNP APCH.	MISSED APPROACH: Climbing right turn to 6000 direct ODURE WP and hold.
<div><div>Procedure NA at night.</div><div>Rwy 26 helicopter visibility reduction below 1 SM NA.</div></div>	

ASOS 135.625	DENVER CENTER 133.4 377.175	UNICOM 122.8 (CTAF) 0
-----------------	--------------------------------	--------------------------

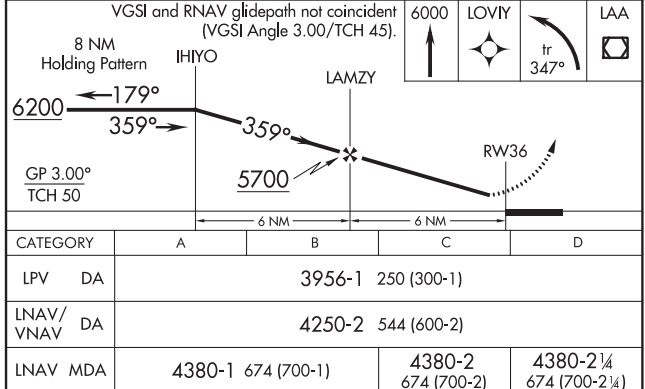
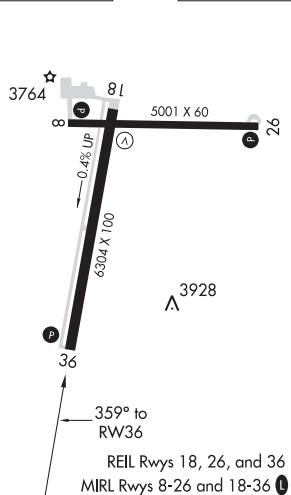
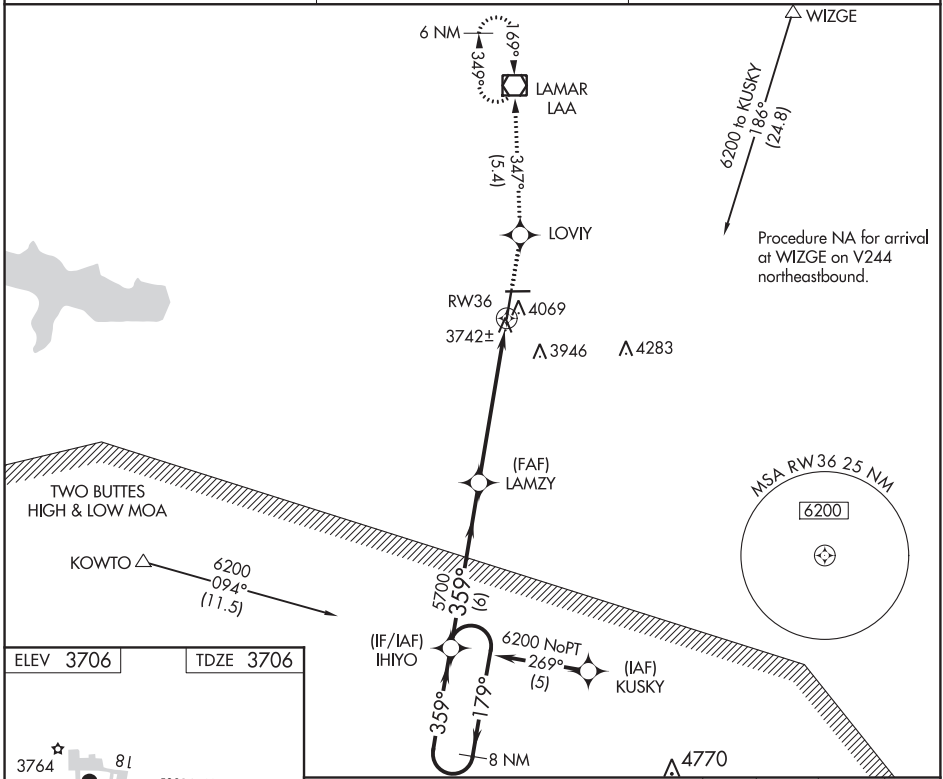




RNAV (GPS) RWY 36  
LAMAR MUNI (LAA)

**MISSED APPROACH:** Climb to 6000 direct LOVIY then left turn via 347° track to LAA VOR/DME and hold.

UNICOM  
122.8 (CTAF) **L**



RNAV (GPS) RWY 36

SW-1, 30 JAN 2020 to 26 MAR 2020

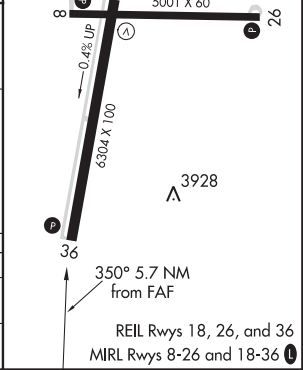
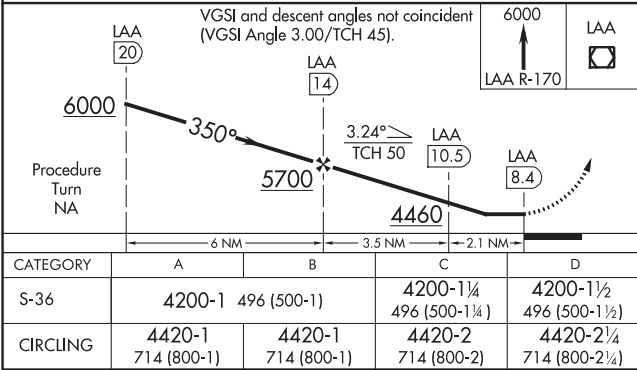
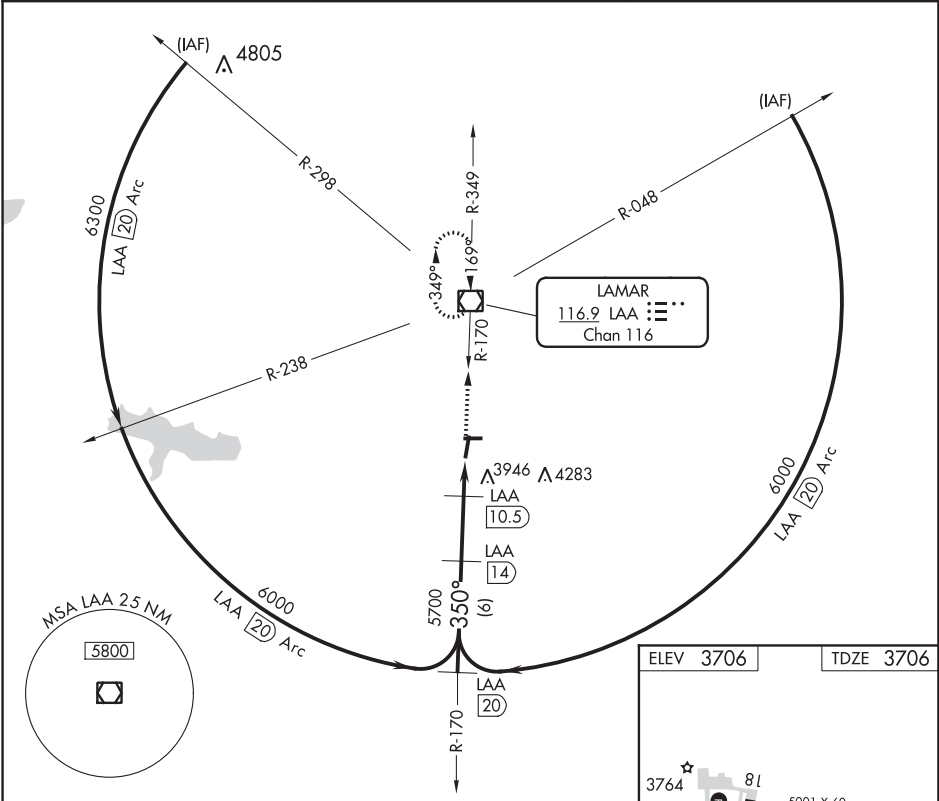


VOR/DME LAA	APP CRS	Rwy Idg	6304
116.9	350°	TDZE	3706
Chan 116		Apt Elev	3706

VOR/DME RWY 36  
LAMAR MUNI (LAA)

Procedure NA at night.	MISSED APPROACH: Climb to 6000 via LAA R-170 to LAA VOR/DME and hold.
------------------------	---

ASOS 135.625	DENVER CENTER 133.4 377.175	UNICOM 122.8 (CTAF) 0
-----------------	--------------------------------	--------------------------



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



VOR RWY 18  
LAMAR MUNI (LAA)

- UNICOM
- 
- 122.8 (CTAF)
- L**



SW-1, 30 JAN 2020 to 26 MAR 2020

4200  
↑

6000  
↘

LAA

VGSJ and descent angles not coincident  
(VGSJ Angle 3.00/TCH 45)

LAA 7.3

LAA 4.5

4540

LAA VOR/DME

349°

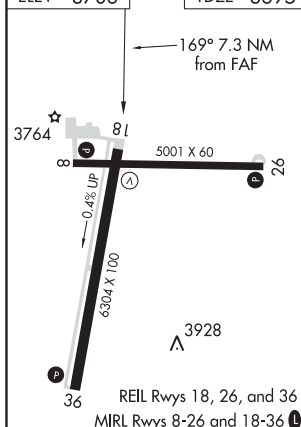
Remain within 10 NM

6000

169°

6000

≤ 2.9°  
TCH 41



	2.8 NM	4.5 NM		
CATEGORY	A	B	C	D
S-18	4540-1 847 (900-1)	4540-1¼ 847 (900-1¼)	4540-2½ 847 (900-2½)	4540-2¾ 847 (900-2¾)
CIRCLING	4540-1 836 (900-1)	4540-1¼ 836 (900-1¼)	4540-2½ 836 (900-2½)	4540-2¾ 836(900-2¾)
DME MINIMA				
S-18	4260-1	565 (600-1)	4260-1½ 565 (600-1½)	4260-1¾ 565 (600-1¾)
CIRCLING	4420-1	714 (800-1)	4420-2 714 (800-2)	4420-2¼ 714 (800-2¼)

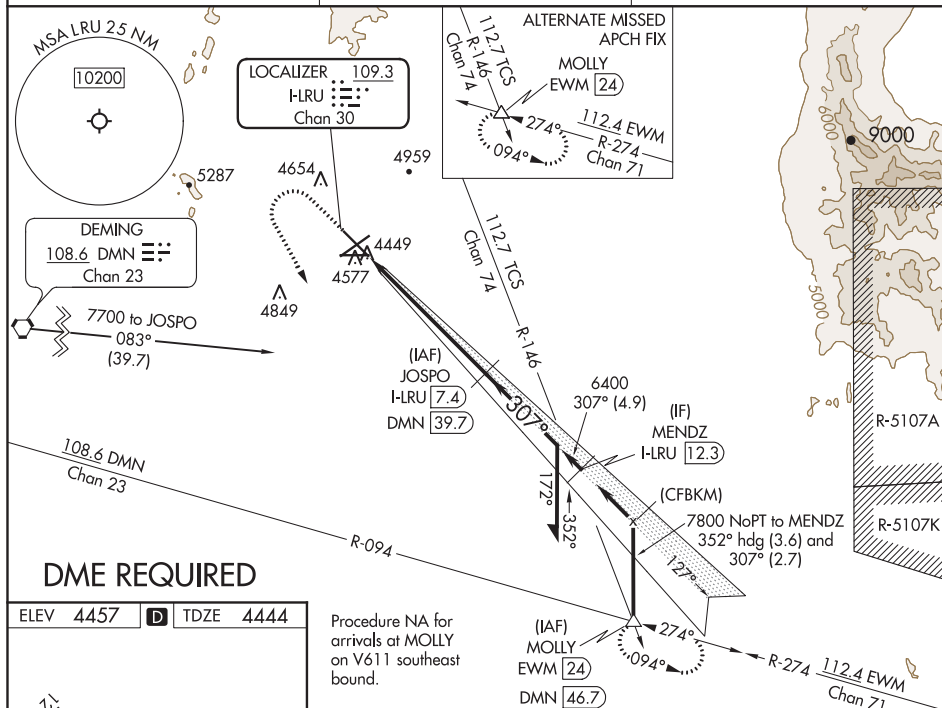
LAMAR MUNI (LAA)  
VOR RWY 18



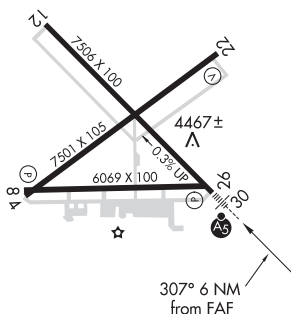
ILS or LOC RWY 30  
LAS CRUCES INTL(LRU)

MALSR

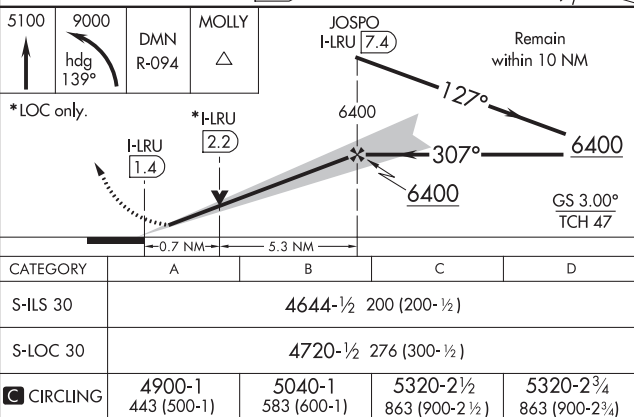
**MISSED APPROACH:** Climb to 5100 then climbing left turn to 9000 on heading 139° and on DMN VORTAC R-094 to MOLLY INT/DMN 46.7 DME and hold, continue climb-in-hold to 9000.

UNICOM  
122.7 (CTAF) **L**

Procedure NA for arrivals at MOLLY on V611 southeast bound.



REIL Rwy 12  
HIRL Rwy 12-30 **L**  
MIRL Rwy 4-22 and 8-26 **L**





LAS CRUCES, NEW MEXICO

AL-869 (FAA)

19339

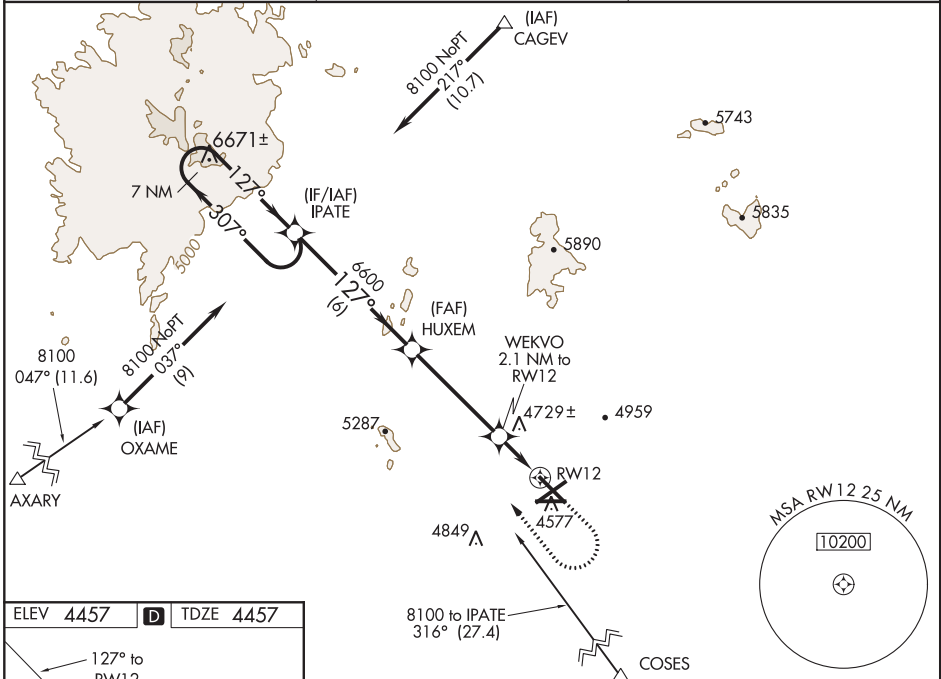
WAAS CH <b>93836</b> <b>W12A</b>	APP CRS <b>127°</b>	Rwy Idg TDZE <b>4457</b> Apt Elev <b>4457</b>
--	------------------------	---

# **RNAV (GPS) RWY 12** LAS CRUCES INTL (LRU)

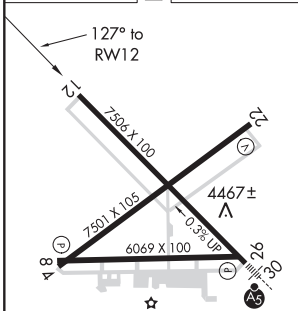
**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12 °C (11 °F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. Baro-VNAV and VDP NA when using Deming altimeter setting. When local altimeter setting not received, use Deming altimeter setting: increase LPV DA to 4821 feet and LNAV/VNAV DA to 4824 feet and all visibilities ½ mile; increase all MDA 120 feet and visibility Cat C and D ½ mile.

**MISSED APPROACH:** Climb to 5800 then climbing right turn to 8100 direct IPATE and hold.

AWOS-3 <b>119.025</b>	ALBUQUERQUE CENTER <b>128.2 285.5</b>	UNICOM <b>122.7 (CTAF) ①</b>
--------------------------	--	---------------------------------



ELEV <b>4457</b>	<b>D</b>	TDZE <b>4457</b>
------------------	----------	------------------



7 NM Holding Pattern				
<div> <div>8100 ← 307°</div> <div>127° →</div> <div>6600</div> <div>127°</div> <div>6600</div> <div>127°</div> <div>4729 ±</div> <div>4577</div> <div>4849</div> <div>8100 to IPATE 316° (27.4)</div> <div>COSES</div> <div>WEKVO 2.1 NM to RWY 12</div> <div>*1.2 NM to RWY 12</div> <div>RWY 12</div> <div>*5180</div> <div>GP 3.00° TCH 55</div> <div>6 NM</div> <div>4.5 NM</div> <div>0.9</div> <div>1.2 NM</div> </div>				
<div> <div>5800</div> <div>8100</div> <div>IPATE</div> <div>*LNAV only.</div> </div>				
CATEGORY	A	B	C	D
LPV DA	4707-¾ 250 (300-¾)			
LNAV/VNAV DA	4710-¾ 253 (300-¾)			
LNAV MDA	4900-1	443 (500-1)	4900-1¾	443 (500-1¾)
<b>C</b> CIRCLING	4900-1 443 (500-1)	5040-1 583 (600-1)	5320-2½ 863 (900-2½)	5320-2¾ 863 (900-2¾)

REIL Rwy 12  
HIRL Rwy 12-30 ①  
MIRL Rwy 4-22 and 8-26 ①

LAS CRUCES, NEW MEXICO

Amdt 2 18AUG16

32°17'N-106°55'W

LAS CRUCES INTL (LRU)  
**RNAV (GPS) RWY 12**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020




WAAS CH <b>63136</b> <b>W30A</b>	APP CRS <b>307°</b>	Rwy Idg TDZE <b>4444</b> Apt Elev <b>4457</b>
--	------------------------	---

RNAV (GPS) RWY 30  
LAS CRUCES INTL (LRU)

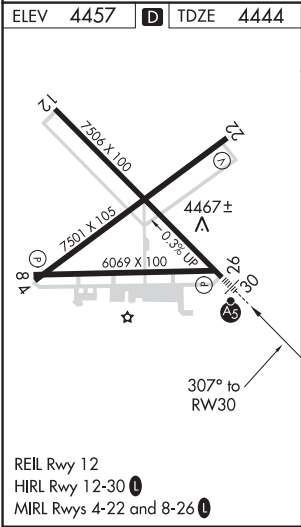
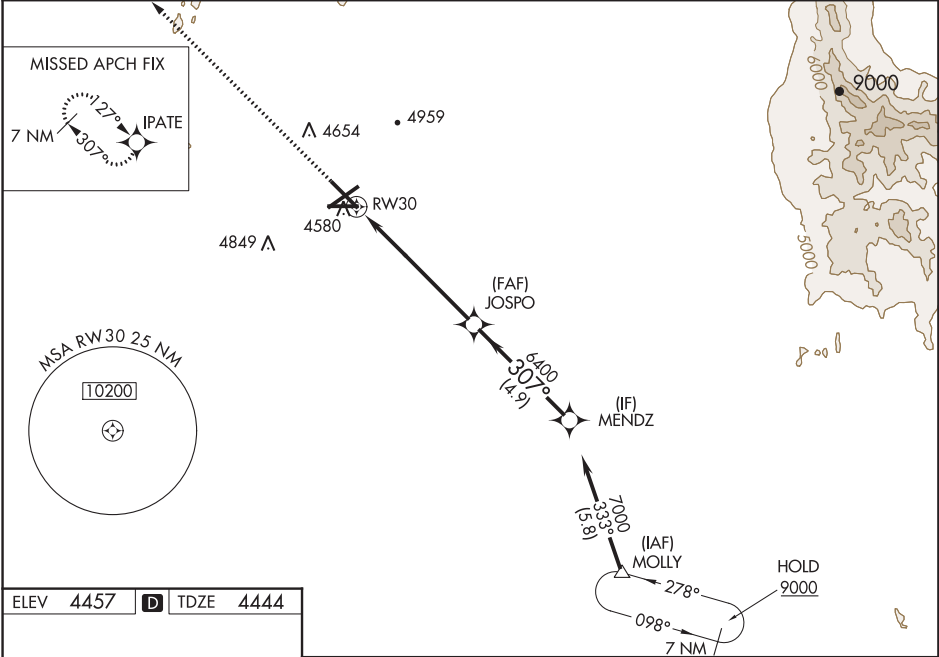
**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C (11°F) or above 51°C (124°F). DME/DME RNP-0.3 NA. Baro-VNAV and VDP NA when using Deming altimeter setting. When local altimeter setting not received, use Deming altimeter setting: increase LPV DA to 4758 feet, LNAV/VNAV DA to 4863 feet and all visibilities  $\frac{3}{8}$  mile; increase all MDA 120 feet and visibility Cat C and D  $\frac{1}{2}$  mile.

MALSR



MISSED APPROACH: Climb to 9000 direct IPATE and hold, continue climb-in-hold to 9000.

AWOS-3 <b>119.025</b>	ALBUQUERQUE CENTER <b>128.2 285.5</b>	UNICOM <b>122.7 (CTAF)</b> <b>0</b>
--------------------------	--	--



9000		IPATE		MENDZ	
↑		✦		7000	
* LNAV only.		* 1.1 NM to RW30		GP 3.00° TCH 47	
RW30		JOSP0		6400	
1.1 NM		4.9 NM		4.9 NM	
CATEGORY	A	B	C	D	
LPV DA	4644- $\frac{1}{2}$		200 (200- $\frac{1}{2}$ )		
LNAV/VNAV DA	4749- $\frac{5}{8}$		305 (300- $\frac{5}{8}$ )		
LNAV MDA	4840- $\frac{1}{2}$		4840- $\frac{5}{8}$		396 (400- $\frac{5}{8}$ )
CIRCLING	4900-1 443 (500-1)	5040-1 583 (600-1)	5320-2 $\frac{1}{2}$ 863 (900-2 $\frac{1}{2}$ )	5320-2 $\frac{3}{4}$ 863 (900-2 $\frac{3}{4}$ )	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



LAS VEGAS, NEW MEXICO

AL-228 (FAA)

20030

# RNAV (GPS) RWY 2

LAS VEGAS MUNI (LVS)

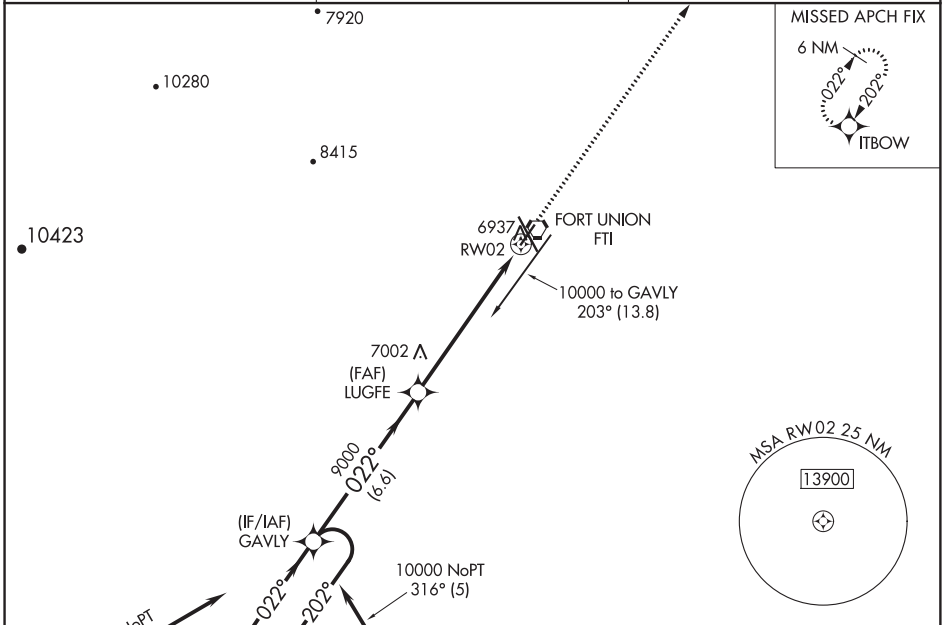
APP CRS <b>022°</b>	Rwy Idg <b>5006</b>
	TDZE <b>6870</b>
	Apt Elev <b>6877</b>

- ▼** DME/DME RNP-0.3 NA.  
**▲** Inoperative table does not apply to Cat C.  
 If local altimeter setting not received, use Santa Fe Muni altimeter setting and increase all MDAs 200 feet.

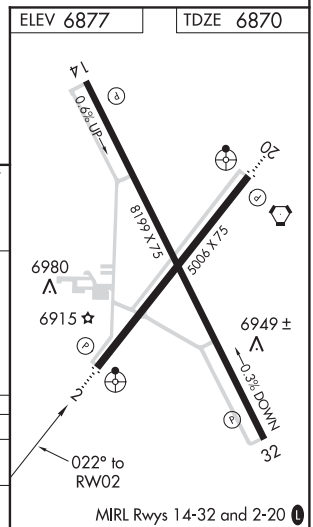


MISSED APPROACH: Climb to 10000 direct ITBOW and hold.

ASOS <b>118.525</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	---	---------------------------------



<p>6 NM Holding Pattern</p> <p>10000 ← 202° 022° →</p> <p>GAVLY</p> <p>VDP NA when using Santa Fe Muni altimeter setting.</p> <p>LUGFE</p> <p>9000</p> <p>3.06° TCH 40</p> <p>1.2 NM to RW02</p> <p>6.6 NM 5.3 NM 1.2</p>				
CATEGORY	A	B	C	D
RNAV MDA	7280-¾ 410 (500-¾)	7280-1¼ 410 (500-1¼)	7280-1½ 410 (500-1½)	NA
CIRCLING	7400-1 523 (600-1)	7420-1 543 (600-1)	7420-1½ 543 (600-1½)	NA



LAS VEGAS, NEW MEXICO

Orig-A 13APR06

35°39'N-105°09'W

# LAS VEGAS MUNI (LVS)

## RNAV (GPS) RWY 2

SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS	Rwy Idg	5006
202°	TDZE	6867
	Apt Elev	6877

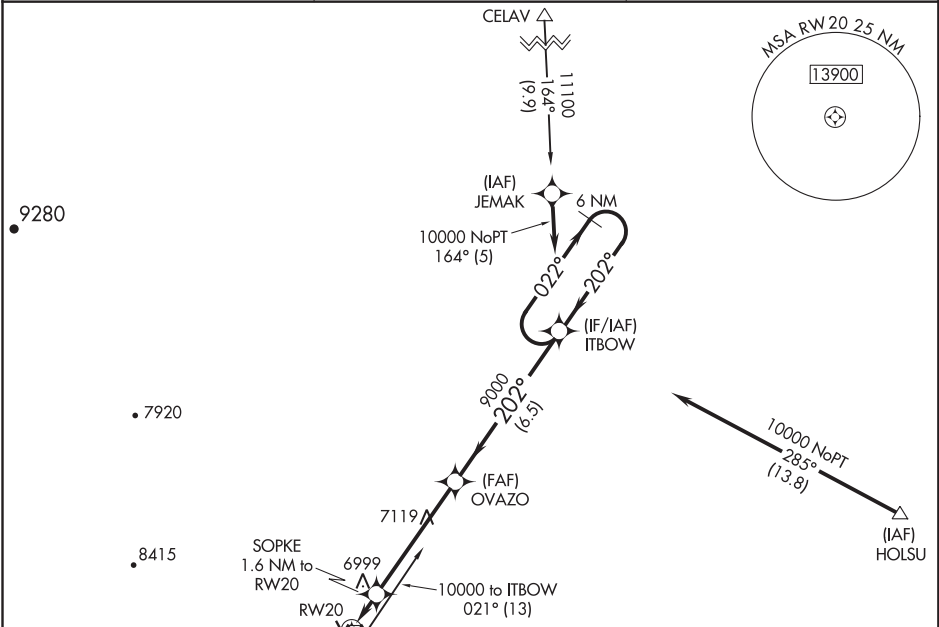
RNAV (GPS) RWY 20  
LAS VEGAS MUNI (LVS)

**⚠** DME/DME RNP-0.3 NA.  
**⚠** If local altimeter setting not received, use Santa Fe Muni altimeter setting and increase all MDAs 200 feet.  
Straight-in minimums NA when using Santa Fe Muni altimeter setting.

ODALS

MISSED APPROACH: Climb to 10000 direct GAVLY and hold.

ASOS 118.525	ALBUQUERQUE CENTER 132.8 346.35	UNICOM 122.8 (CTAF) <b>0</b>
-----------------	------------------------------------	---------------------------------



MISSED APCH FIX  
GAVLY

10000 GAVLY

VGSI and descent angles not coincident  
(VGSI Angle 3.00/TCH 40).

ITBOW

6 NM Holding Pattern

022° → 10000

← 202°

\* 7600 when using Santa Fe Muni altimeter setting.

SOPKE 1.6 NM to RW20

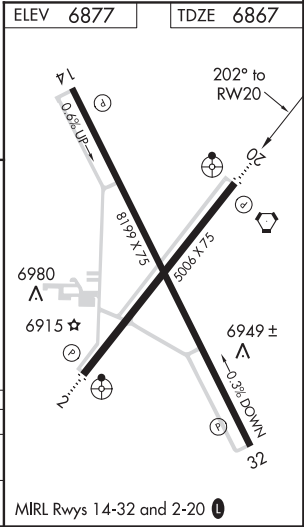
OWAZO

7400\*

9000

1.6 NM 4.9 NM 6.5 NM

CATEGORY	A	B	C	D
LNNAV MDA	7260-¾ 393 (400-¾)			NA
CIRCLING	7400-1 523 (600-1)	7420-1 543 (600-1)	7420-1½ 543 (600-1½)	NA





LAS VEGAS, NEW MEXICO

AL-228 (FAA)

20030

# RNAV (GPS) RWY 32

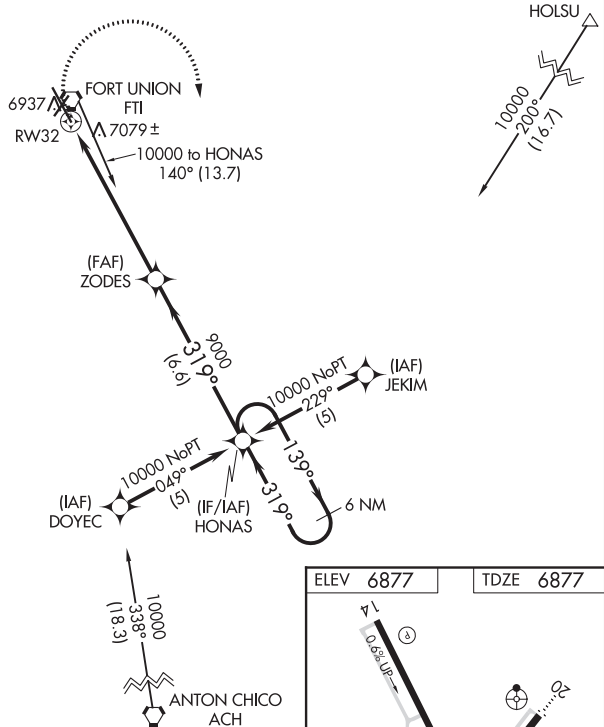
LAS VEGAS MUNI (LVS)

<p><b>APP CRS</b> <b>319°</b></p> <p><b>Rwy Idg</b> <b>8199</b></p> <p><b>TDZE</b> <b>6877</b></p> <p><b>Apt Elev</b> <b>6877</b></p>	<p><b>DME/DME RNP-0.3 NA.</b></p> <p><b>If local altimeter setting not received, use Santa Fe Muni altimeter setting and increase all MDAs 200 feet.</b></p>	<p><b>MISSED APPROACH:</b> Climbing right turn to 10000 direct HONAS and hold.</p>
---	--	--

<p><b>ASOS</b> <b>118.525</b></p>	<p><b>ALBUQUERQUE CENTER</b> <b>132.8 346.35</b></p>	<p><b>UNICOM</b> <b>122.8 (CTAF) 0</b></p>
---------------------------------------	--	--

● 10280

● 8415



10000

HONAS

VDP NA when using Santa Fe Muni altimeter setting.

1.2 NM to RW32

3.06°

TCH 40

9000

319°

6.6 NM

6 NM Holding Pattern

139°

319°

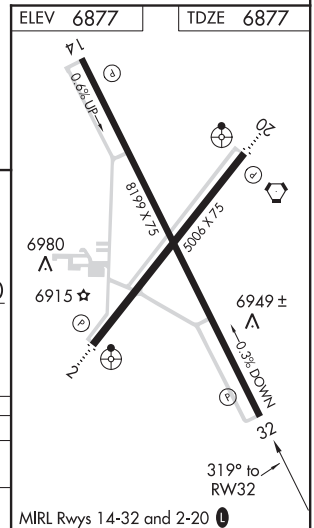
10000

1.2

5.2 NM

6.6 NM

CATEGORY	A	B	C	D
LNAV MDA	7320-1	443 (500-1)	7320-1½ 443 (500-1½)	NA
CIRCLING	7400-1 523 (600-1)	7420-1 543 (600-1)	7420-1½ 543 (600-1½)	NA



LAS VEGAS, NEW MEXICO

Orig-A 13APR06

35°39'N-105°09'W

# RNAV (GPS) RWY 32

LAS VEGAS MUNI (LVS)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



VORTAC FTI <b>117.3</b> Chan <b>120</b>	APP CRS <b>192°</b>	Rwy Idg TDZE Apt Elev <b>5006</b> <b>6867</b> <b>6877</b>
---	------------------------	--

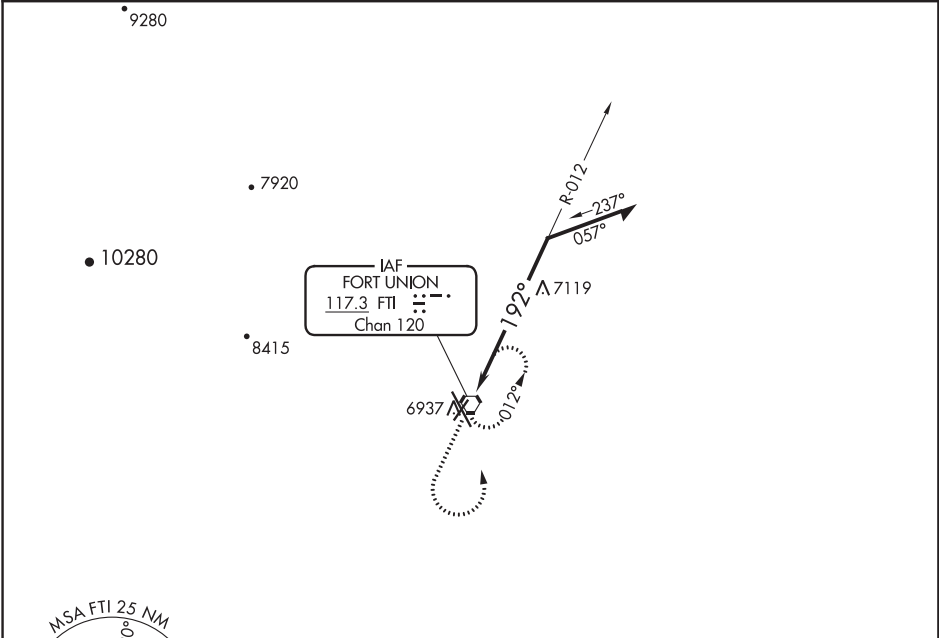
VOR RWY 20  
LAS VEGAS MUNI (LVS)

**⚠** Inoperative table does not apply.  
**⚠** If local altimeter setting not received, use Santa Fe Muni altimeter setting and increase all MDAs 200 feet.

ODALS

MISSED APPROACH: Climb to 8000 then climbing left turn to 9000 direct FTI VORTAC and hold.

ASOS <b>118.525</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	UNICOM <b>122.8</b> (CTAF) <b>0</b>
------------------------	---	--



8000 9000 FTI

VDP NA when using Santa Fe Muni altimeter setting.

FTI VORTAC

012°

192°

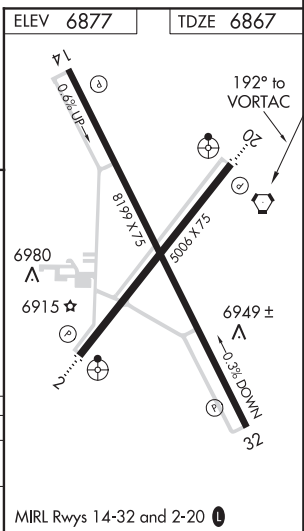
8700

1.4

1.4 NM

Remain within 10 NM

CATEGORY	A	B	C	D
S-20	7420-1	553 (600-1)	7420-1½ 553 (600-1½)	NA
CIRCLING	7420-1	543 (600-1)	7420-1½ 543 (600-1½)	NA





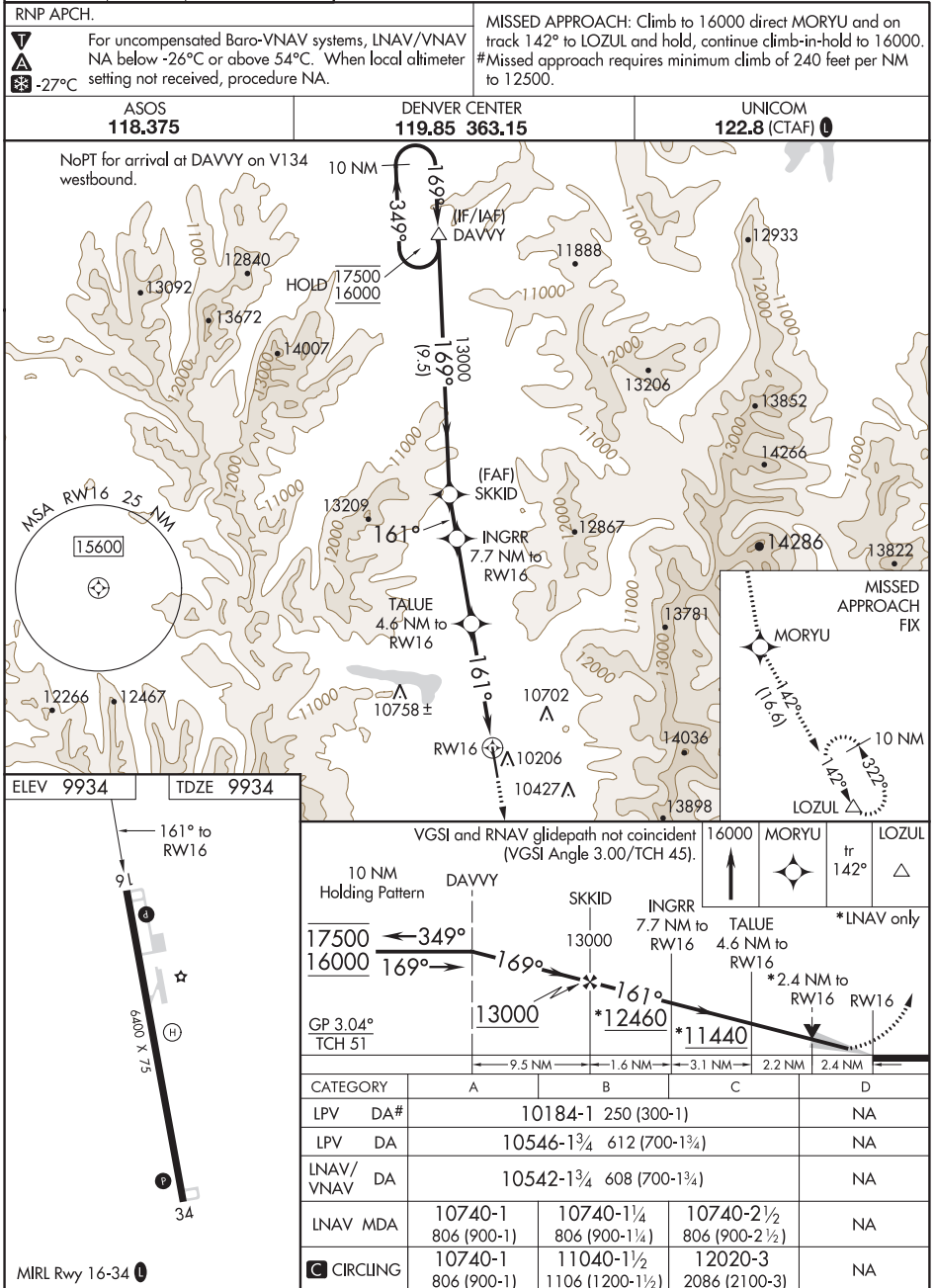
LEADVILLE, COLORADO

AL-9146 (FAA)

19059

WAAS CH <b>63142</b> <b>W16A</b>	APP CRS <b>161°</b>	Rwy Idg TDZE <b>9934</b> Apt Elev <b>9934</b>
--	------------------------	---

# **RNAV (GPS) RWY 16** LAKE COUNTY (LXV)



LEADVILLE, COLORADO

Amdt 1 28FEB19

39°13'N-106°19'W

LAKE COUNTY (LXV)

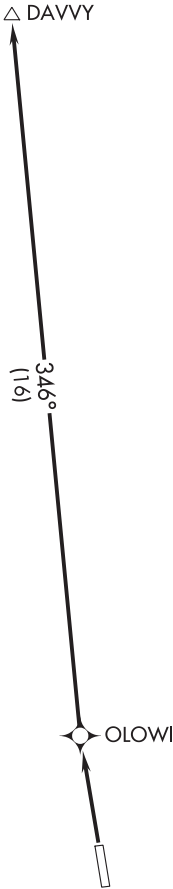
# **RNAV (GPS) RWY 16**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



ASOS  
118.375  
DENVER CENTER  
119.85 363.15  
UNICOM  
122.8 (CTAF)



NOTE: GPS required.  
NOTE: RNAV 1.  
NOTE: RADAR required.

TAKEOFF MINIMUMS

Rwy 16: NA, ATC.  
Rwy 34: Standard with minimum climb of 337' per NM to 13200.

TAKEOFF OBSTACLE NOTES

Rwy 34: Pole 10' from DER, 26' left of centerline, 2' AGL/9932' MSL.  
Trees beginning 18' from DER, 462' right of centerline, up to 9949' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 34: Climb direct OLOWI, then on track 346° to DAVVY, then on assigned route, maintain 16000.

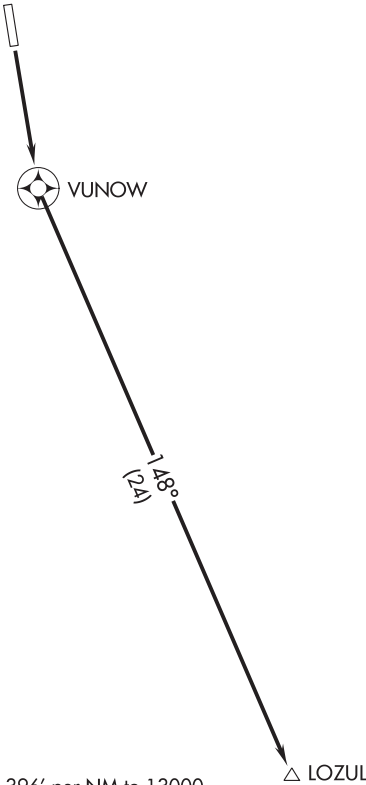


(LOZUL4.LOZUL) 19059

LOZUL FOUR DEPARTURE (OBSTACLE) (RNAV)

LAKE COUNTY (LXV)  
AL-9146 (FAA) LEADVILLE, COLORADO

ASOS  
118.375  
DENVER CENTER  
119.85 363.15  
UNICOM  
122.8 (CTAF)



NOTE: GPS required.  
NOTE: RNAV 1.  
NOTE: RADAR required.

TAKEOFF MINIMUMS

Rwy 16: Standard with minimum climb of 396' per NM to 13000.  
Rwy 34: NA, ATC.

TAKEOFF OBSTACLE NOTES

Rwy 16: Poles, signs beginning 9' from DER, 17' left of centerline, up to 2' AGL/9926' MSL.  
Pole 10' from DER, 17' right of centerline, 2' AGL/9926' MSL.  
Trees beginning 180' from DER, 516' left of centerline, up to 9948' MSL.  
Transmission line, poles beginning 499' from DER, 632' left of centerline, up to 101' AGL/9989' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb direct VUNOW, then on track 148° to LOZUL, then on assigned route, maintain 16000.

LOZUL FOUR DEPARTURE (OBSTACLE) (RNAV)

(LOZUL4.LOZUL) 28FEB19

LEADVILLE, COLORADO  
LAKE COUNTY (LXV)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



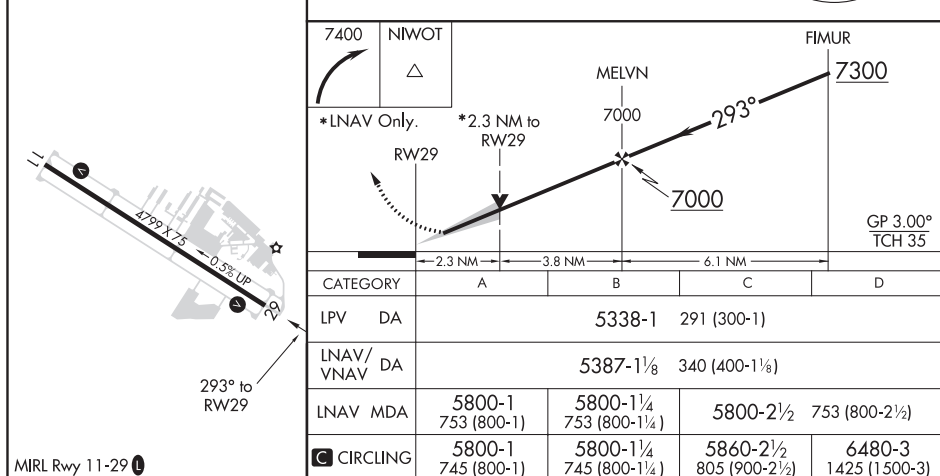
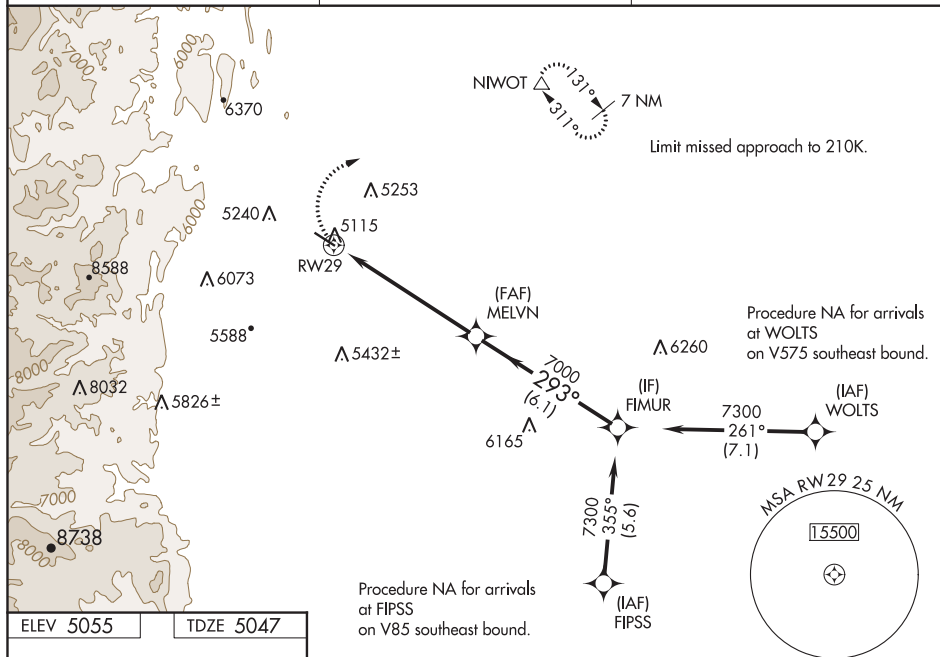
WAAS CH <b>86834</b> <b>W29A</b>	APP CRS <b>293°</b>	Rwy Idg <b>4799</b> TDZE <b>5047</b> Apt Elev <b>5055</b>
--	------------------------	---

RNAV (GPS) RWY 29  
VANCE BRAND (LMO)

**⚠** Baro-VNAV NA when using Denver Intl altimeter setting. For uncompensated Baro-VNAV systems, UNAV/VNAV NA below -25°C (-13°F) or above 52°C (127°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Denver Intl altimeter setting and increase all DA and MDA 120 feet, increase LPV all Cats visibility ¾ mile, UNAV/VNAV all Cats visibility ½ mile, UNAV Cat A and Circling Cat A and C visibility ¼ mile.

**MISSED APPROACH:** Climbing right turn to 7400 direct NIWOT and hold, continue climb-in-hold to 7400.

AWOS-3 <b>120.0</b>	DENVER APP CON <b>126.1 360.75</b>	UNICOM <b>122.975 (CTAF) </b>
------------------------	---------------------------------------	---





LONGMONT, COLORADO

AL-9041 (FAA)

19115

APP CRS <b>346°</b>	Rwy Idg TDZE Apt Elev	N/A N/A <b>5055</b>
------------------------	-----------------------------	---------------------------

# RNAV (GPS)-B

## VANCE BRAND (LMO)

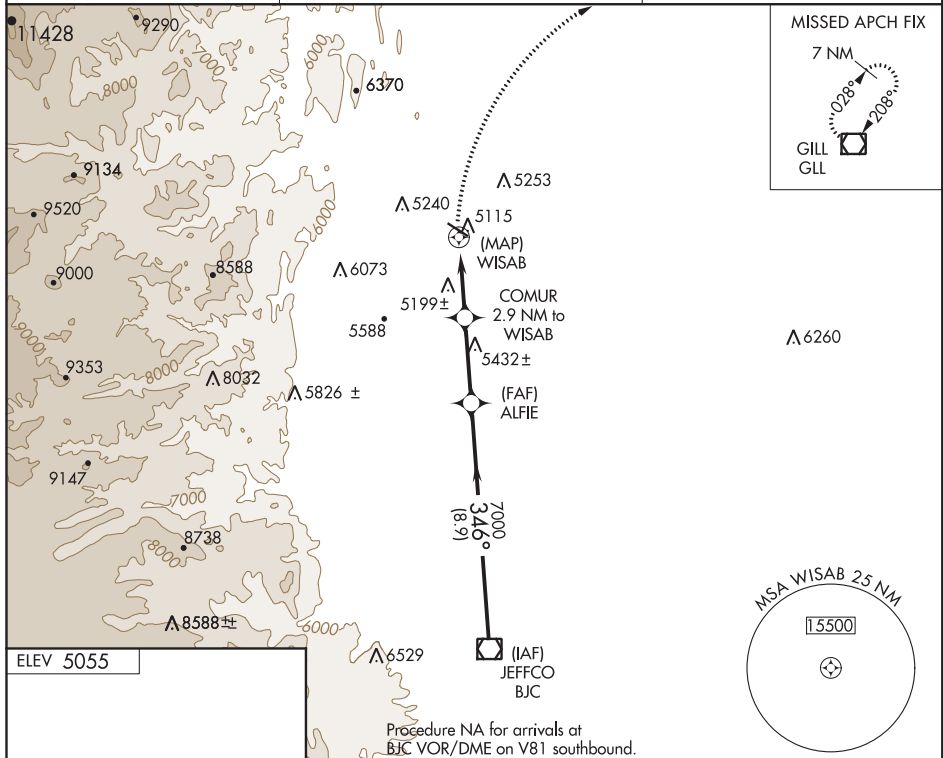
**⚠** When local altimeter setting not received, use Denver Intl altimeter setting and increase all MDA 120 feet; and increase Cat C/D visibility ¼ mile.  
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

**MISSED APPROACH:** Climbing right turn to 7200 direct GLL VOR/DME and hold.

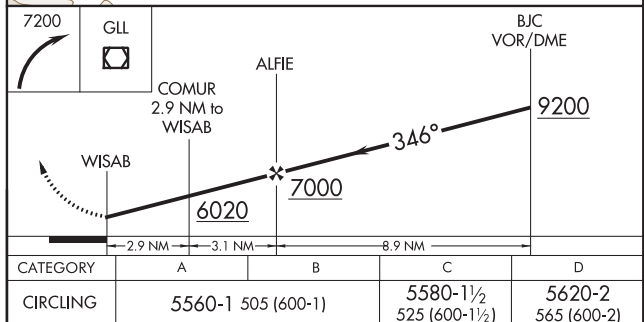
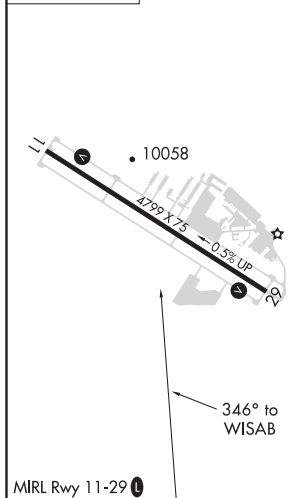
AWOS-3  
**120.0**

DENVER APP CON  
**126.1 360.75**

UNICOM  
**122.975 (CTAF)** **0**



ELEV 5055



LONGMONT, COLORADO

Amdt 1 09FEB12

40°10'N-105°10'W

# VANCE BRAND (LMO)

## RNAV (GPS)-B

SW-1, 30 JAN 2020 to 26 MAR 2020

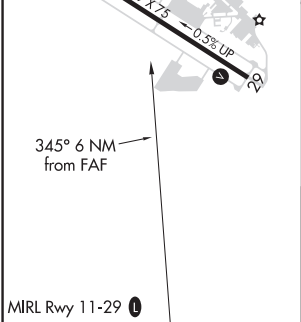
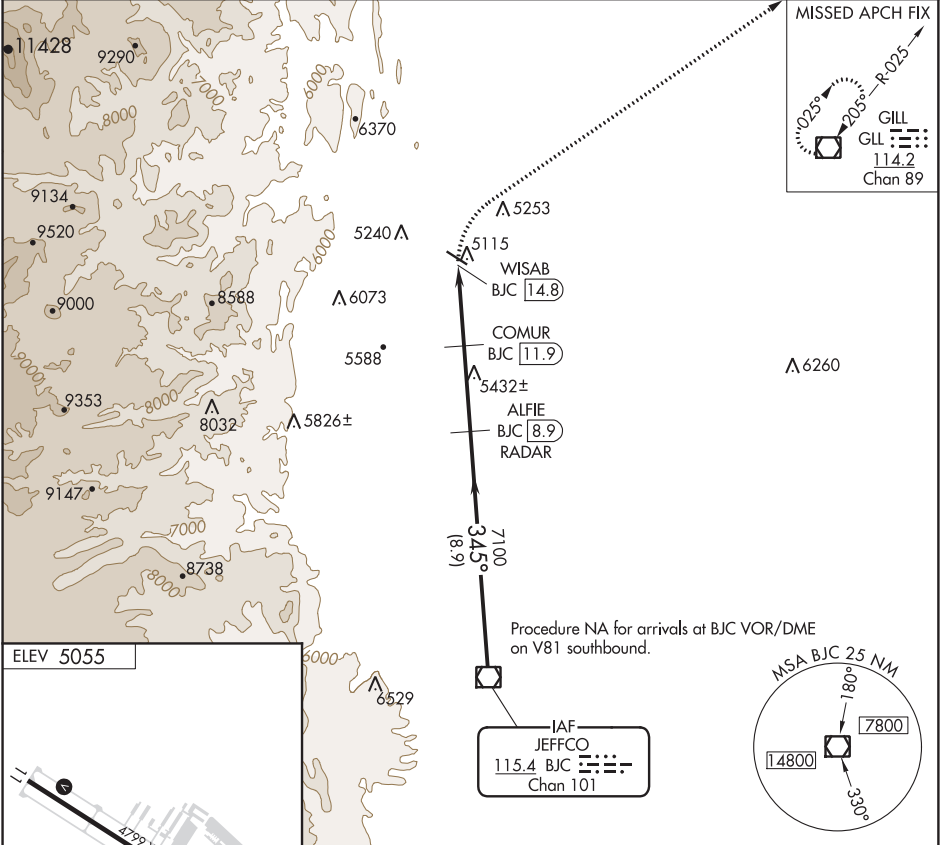
SW-1, 30 JAN 2020 to 26 MAR 2020



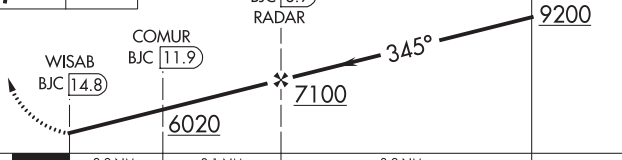


VOR/DME BJC	APP CRS	Rwy Idg	N/A
115.4	345°	TDZE	N/A
Chan 101		Apt Elev	5055

VOR/DME-A  
VANCE BRAND (LMO)

<div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <div>When local altimeter setting not received, use Denver Intl altimeter setting and increase all MDA 120 feet; and increase Cat C visibility ½ mile and Cat D ¼ mile.</div>	MISSED APPROACH: Climbing right turn to 7000 direct GLL VOR/DME and hold.	
AWOS-3 120.0	DENVER APP CON 126.1 360.75	UNICOM 122.975 (CTAF) 0



7000 	GLL 				
					
WISAB BJC <u>14.8</u>		COMUR BJC <u>11.9</u>	ALFIE BJC <u>8.9</u> RADAR	BJC VOR/DME	
6020		7100	9200		
2.9 NM		3.1 NM	8.9 NM		
CATEGORY	A	B	C	D	
CIRCLING	5640-1	585 (600-1)	5640-1½ 585 (600-1½)	5640-2 585 (600-2)	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



LOS ALAMOS, NEW MEXICO

AL-10276 (FAA)

19115

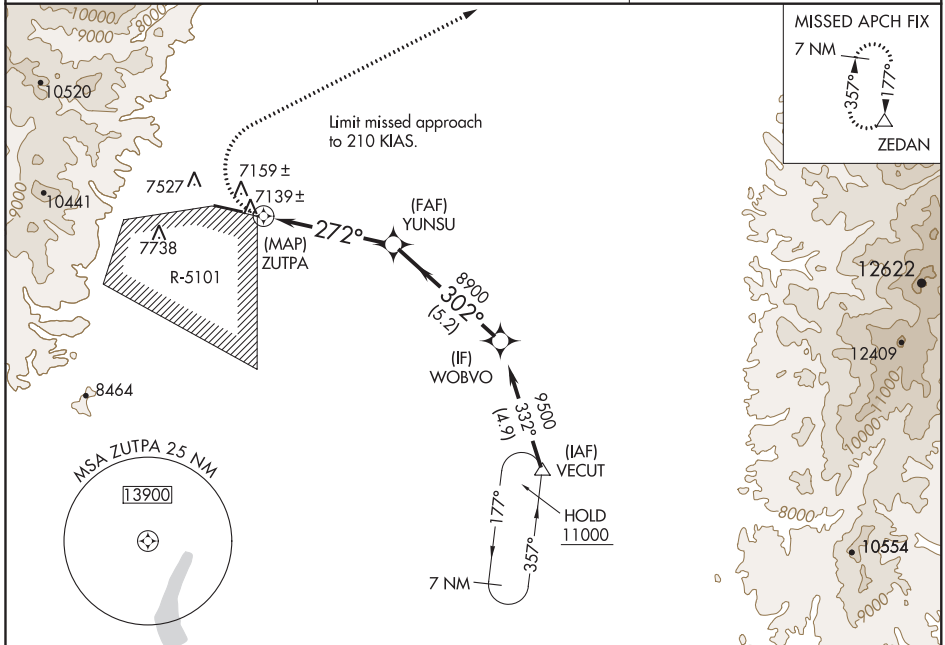
WAAS CH <b>82028</b> <b>W27A</b>	APP CRS <b>272°</b>	Rwy Idg TDZE Apt Elev	<b>6000</b> <b>7126</b> <b>7171</b>
--	------------------------	-----------------------------	---

# **RNAV (GPS) Y RWY 27** LOS ALAMOS (L.AM)

<b>⚠</b> When local altimeter setting not received, procedure NA. *LP and *LNAV missed approach requires a minimum climb of 280 feet per NM to 8500. <b>⚠</b> DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.	<b>MISSED APPROACH:</b> Climbing right turn to 11000 direct ZEDAN and hold.
--	---

 AWOS-3  
**124.175**

 ALBUQUERQUE CENTER  
**132.8 346.35**

 UNICOM  
**123.0 (CTAF) ①**


ELEV 7171	TDZE 7126	11000 ZEDAN
-----------	-----------	-------------

6000 X 120

1.5% UP

Z

REIL Rwy 27 **L**

MIRL Rwy 9-27 **L**

ZUTPA

YUNSU

8900

9500

3.00°  
TCH 45

272°

302°

0.8

4.8 NM

5.2 NM

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 $\frac{3}{8}$ 454 (500-1 $\frac{3}{8}$ )	NA
LP MDA	7700-1	574 (600-1)	7700-1 $\frac{7}{8}$ 574 (600-1 $\frac{7}{8}$ )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 $\frac{5}{8}$ 514 (500-1 $\frac{5}{8}$ )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 $\frac{1}{4}$ 754 (800-1 $\frac{1}{4}$ )	7880-2 $\frac{1}{2}$ 754 (800-2 $\frac{1}{2}$ )	NA
CIRCLING	NA			

 REIL Rwy 27 ①  
 MIRL Rwy 9-27 ①

LOS ALAMOS, NEW MEXICO

Amdt 1A 05MAR15

35°53'N-106°16'W

 LOS ALAMOS (L.AM)  
**RNAV (GPS) Y RWY 27**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



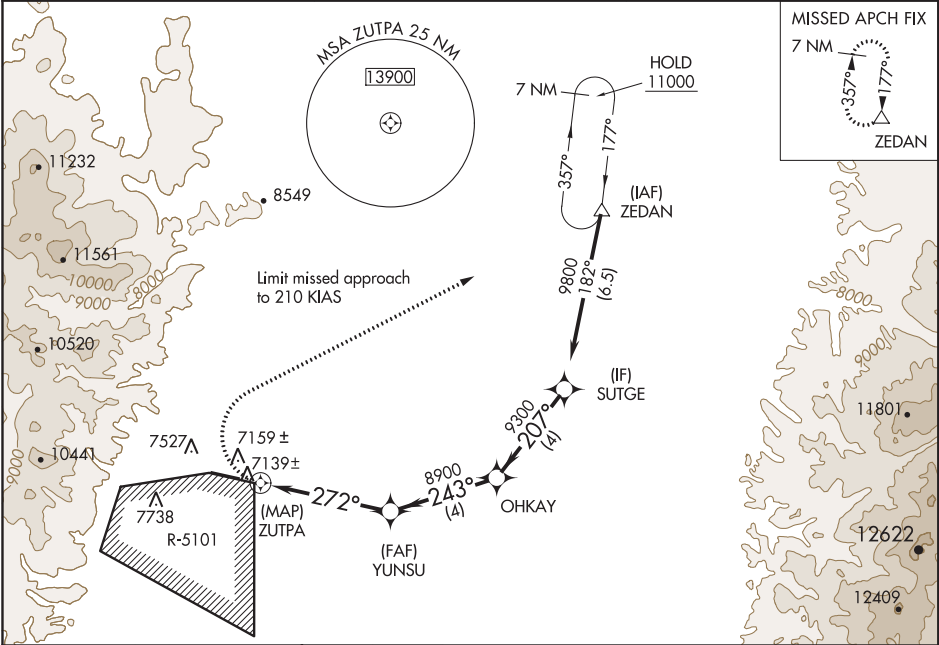
WAAS CH <b>56329</b> <b>W27B</b>	APP CRS <b>272°</b>	Rwy Idg TDZE <b>6000</b> <b>7126</b> Apt Elev <b>7171</b>
--	------------------------	--

RNAV (GPS) Z RWY 27

LOS ALAMOS (L.AM)

<div><div>When local altimeter setting not received, procedure NA. *LP and *LNAV missed approach requires a minimum climb of 280 feet per NM to 8500. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.</div></div>	<div>MISSED APPROACH: Climbing right turn to 11000 direct ZEDAN and hold.</div>
---	---

AWOS-3 <b>124.175</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	UNICOM <b>123.0 (CTAF)</b>
--------------------------	---	-------------------------------



ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A		B	C	D
LP MDA*	7580-1	454 (500-1)		7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)		7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)		7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )		7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA				

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 7171

TDZE 7126

11000

ZEDAN

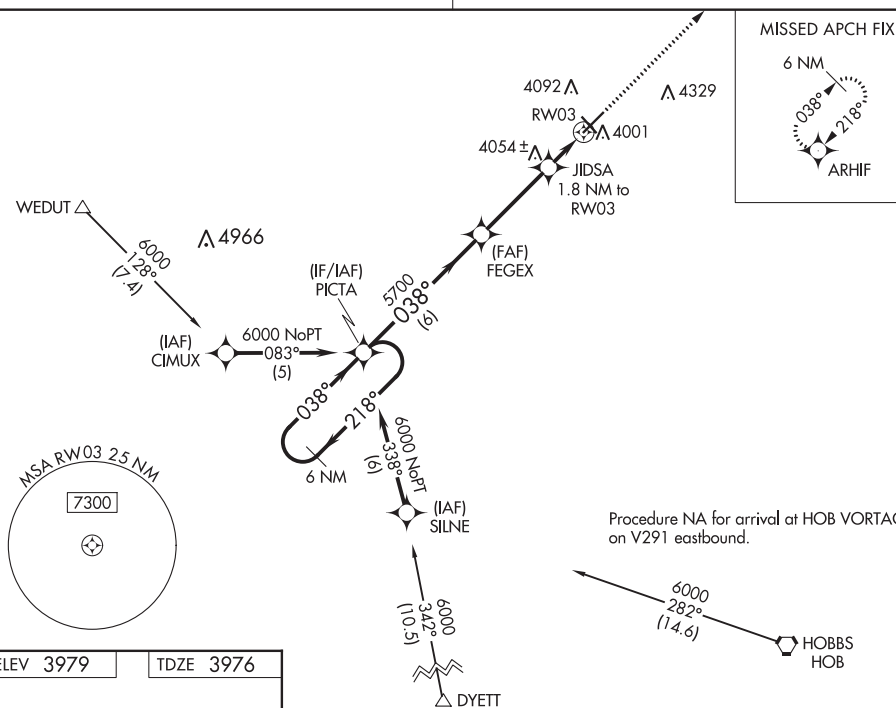
CATEGORY	A	B	C	D
LP MDA*	7580-1	454 (500-1)	7580-1 <sup>3</sup> / <sub>8</sub> 454 (500-1 <sup>3</sup> / <sub>8</sub> )	NA
LP MDA	7700-1	574 (600-1)	7700-1 <sup>7</sup> / <sub>8</sub> 574 (600-1 <sup>7</sup> / <sub>8</sub> )	NA
LNAV MDA*	7640-1	514 (500-1)	7640-1 <sup>5</sup> / <sub>8</sub> 514 (500-1 <sup>5</sup> / <sub>8</sub> )	NA
LNAV MDA	7880-1 754 (800-1)	7880-1 <sup>1</sup> / <sub>4</sub> 754 (800-1 <sup>1</sup> / <sub>4</sub> )	7880-2 <sup>1</sup> / <sub>2</sub> 754 (800-2 <sup>1</sup> / <sub>2</sub> )	NA
CIRCLING	NA			

ELEV 71



RNAV (GPS) RWY 3  
LEA COUNTY-ZIP FRANKLIN MEMORIAL (E06)

**MISSED APPROACH:** Climb to 6000 direct ARHIF and hold.

UNICOM  
122.8 (CTAF) **L**

LEA COUNTY-ZIP FRANKLIN MEMORIAL (E06)

32°57'N-103°25'W

RNAV (GPS) RWY 3

SW-1, 30 JAN 2020 to 26 MAR 2020



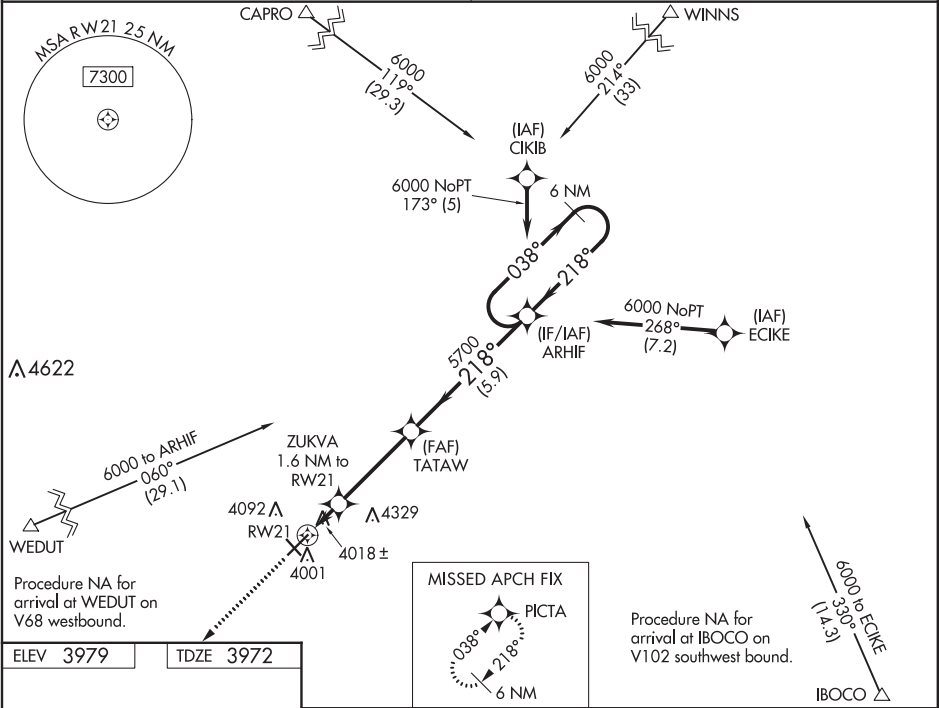
WAAS CH <b>45636</b> <b>W21A</b>	APP CRS <b>218°</b>	Rwy Idg TDZE <b>3972</b> Apt Elev <b>3979</b>
--	------------------------	---

RNAV (GPS) RWY 21

LEA COUNTY-ZIP FRANKLIN MEMORIAL (E06)

<div><div><div>▼</div><div>NA</div></div><div>Baro-VNAV NA. DME/DME RNP-0.3 NA. Use Hobbs altimeter setting, when not received, procedure NA. Helicopter visibility reduction below ¾ SM NA. Night landing: Rwy 3, 12, 30 NA.</div></div> <div>MISSED APPROACH: Climb to 6000 direct PICTA and hold.</div>
--

FORT WORTH CENTER <b>133.1 298.95</b>	UNICOM <b>122.8 (CTAF)</b>
--	-------------------------------



ELEV 3979	TDZE 3972
-----------	-----------

<div><div><div>6000</div><div>PICTA</div></div><div>218° to RW21</div><div>*LNAV only</div><div>ZUKVA 1.6 NM to RW21</div><div>RW21</div><div>4500*</div><div>TATAW 5700</div><div>ARHIF 6000</div><div>6 NM Holding Pattern</div><div>038°</div><div>218°</div><div>GP 3.00°</div><div>TCH 42</div></div>				
<div><div>1.6 NM</div><div>3.7 NM</div><div>5.9 NM</div></div>				
CATEGORY	A	B	C	D
LPV DA	4310-1½		338 (400-1½)	NA
LNAV/VNAV DA	4310-1½		338 (400-1½)	NA
LNAV MDA	4360-1		388 (400-1)	NA
	4480-1		501 (600-1)	NA

MIRL Rwy 3-21 and 12-30



16259

## AIRPORT DIAGRAM

LEA COUNTY-ZIP FRANKLIN MEMORIAL (E06)

AL-6951 (FAA)

LOVINGTON, NEW MEXICO

CTAF/UNICOM  
122.8

32°57.5'N

FIELD  
ELEV  
3979

1

130.8°

4400' X 60'

6001' X 75'

RWY 03-21  
PCN 5 F/B/Y/T  
S-12  
RWY 12-30  
PCN 3 F/D/Y/T  
S-12

32°57.0'N

ELEV  
3976

3

037.8°

HANGARS

ELEV  
3970

30

310.8°

103°24.5'W

103°24.0'W

## AIRPORT DIAGRAM

16259

LOVINGTON, NEW MEXICO

LEA COUNTY-ZIP FRANKLIN MEMORIAL (E06)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



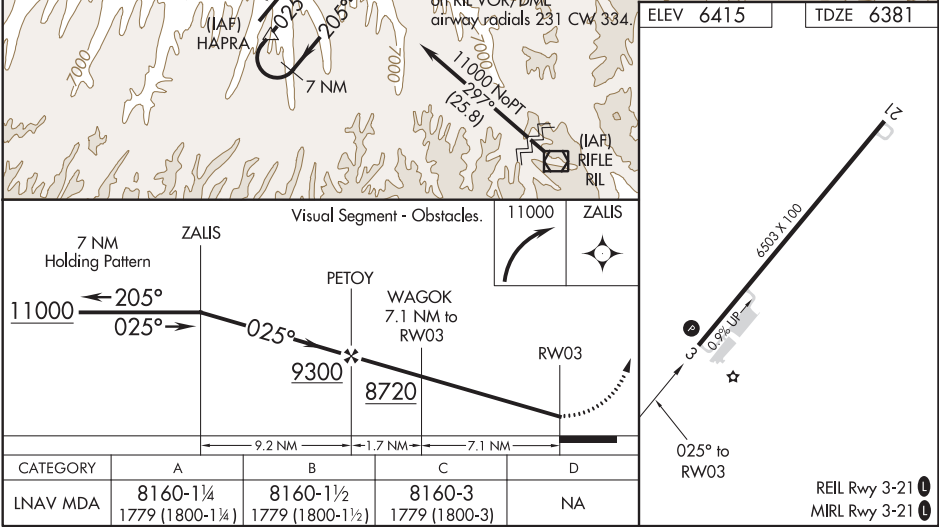
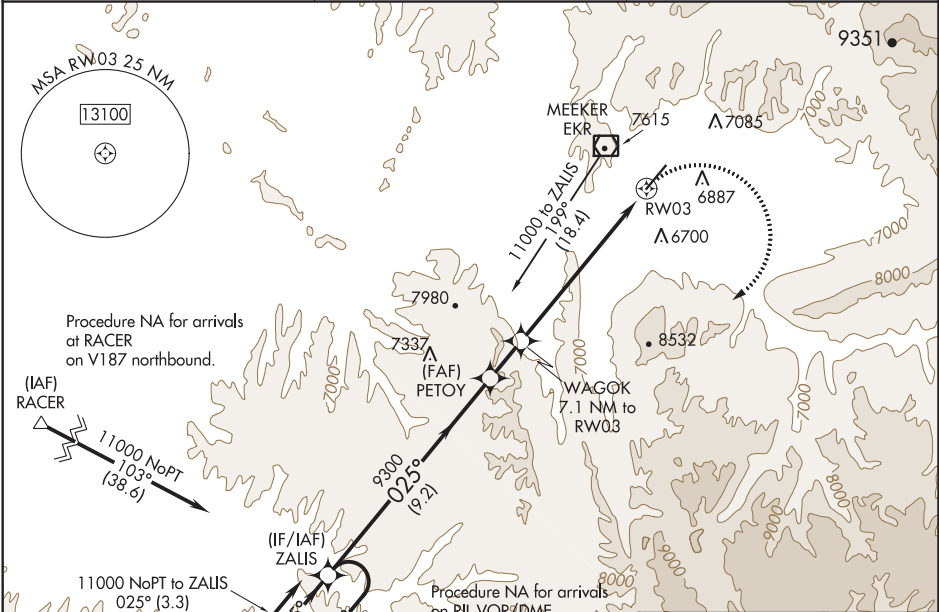
APP CRS	Rwy Idg	<b>6503</b>
<b>025°</b>	TDZE	<b>6381</b>
	Apt Elev	<b>6415</b>

RNAV (GPS) RWY 3

MEEKER COULTER FIELD (EEO)

RNP APCH.	MISSED APPROACH: Climbing right turn to 11000 direct ZALIS and hold.
<div> <div></div> <div></div> <div>-25°C</div> </div>	

ASOS <b>135.525</b>	DENVER CENTER <b>134.5 327.8</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	-------------------------------------	---------------------------------



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

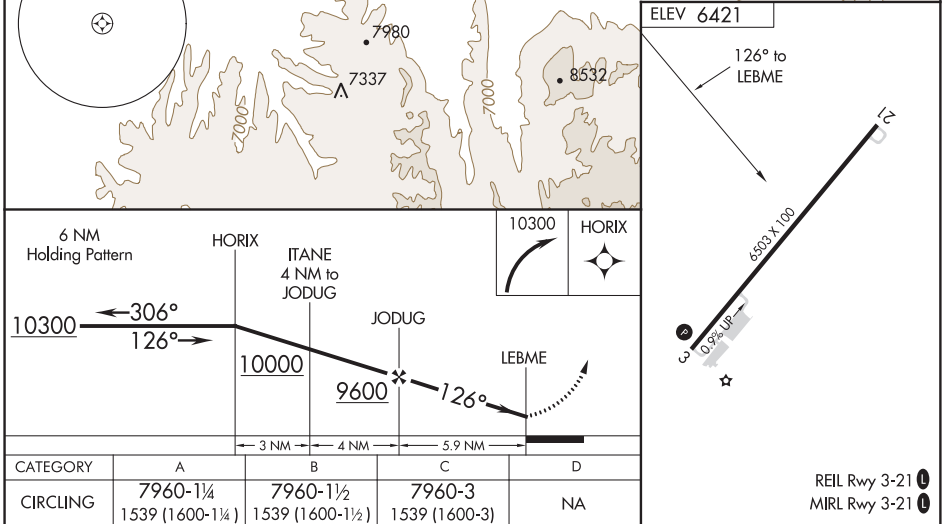
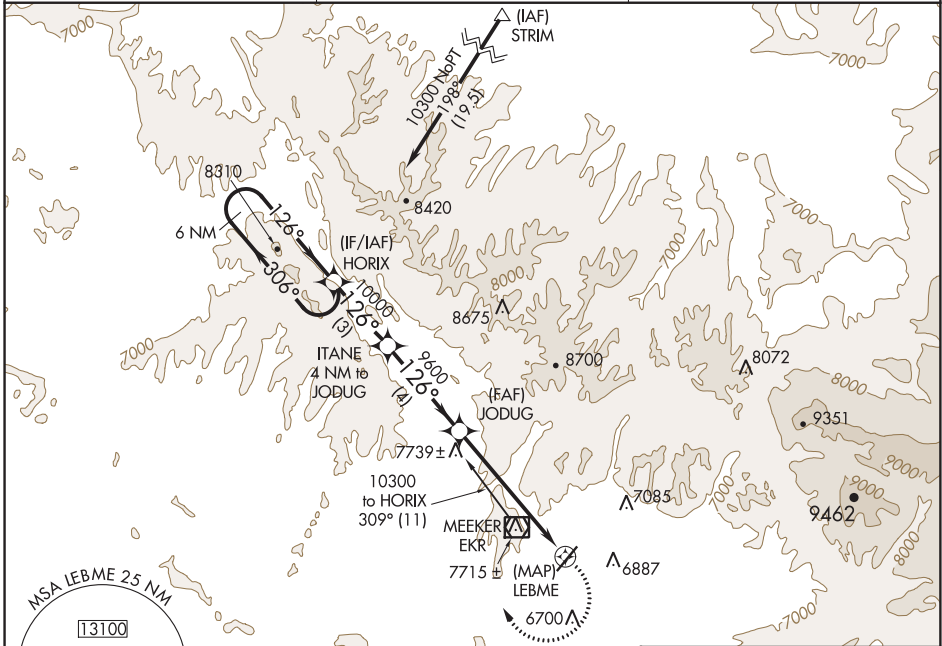


# RNAV (GPS)-B

## MEEKER COULTER FIELD (EEO)

**MISSED APPROACH:** Climbing right turn to 10300 direct HORIX WP and hold.

ASOS <b>135.525</b>	DENVER CENTER <b>134.5 327.8</b>	UNICOM <b>122.8</b> (CTAF) <b>1</b>
------------------------	-------------------------------------	--



MEEKER COULTER FIELD (EEO)

40°03'N-107°53'W

RNAV (GPS)-B

SW-1, 30 JAN 2020 to 26 MAR 2020



VOR/DME EKR  
**115.2**  
Chan **99**

APP CRS  
**107°**

Rwy Idg  
TDZE  
Apt Elev  
**N/A**  
**N/A**  
**6421**

VOR-A  
MEEKER COULTER FIELD (EEO)

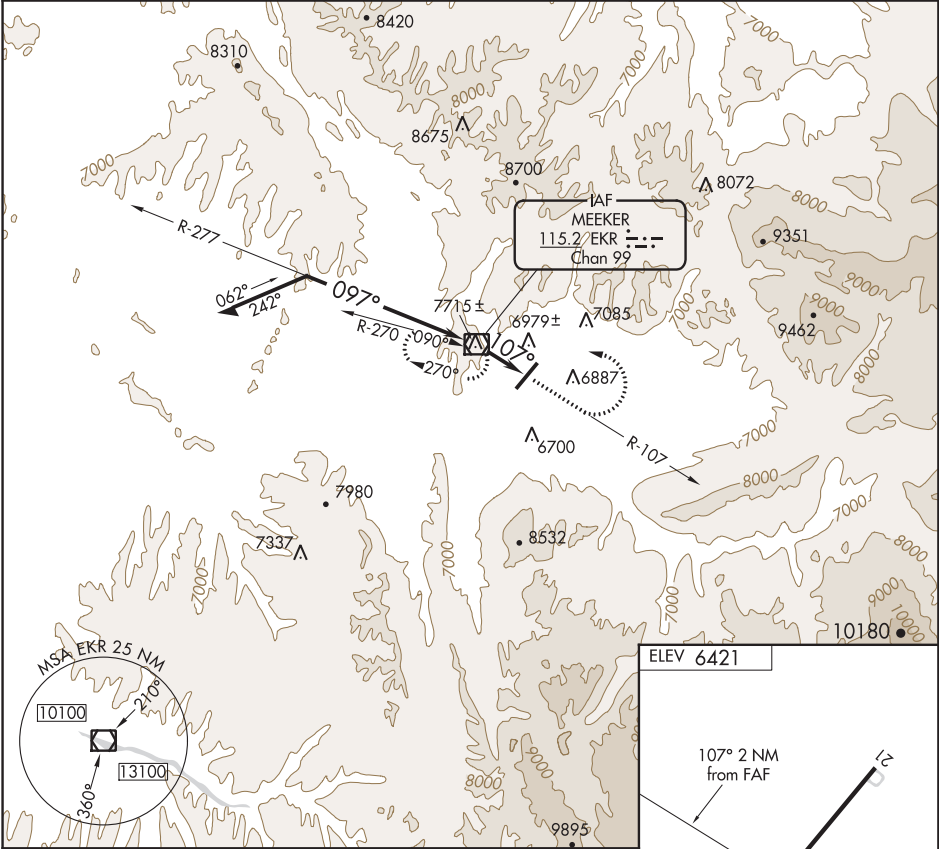
NA

-25°C

Circling not authorized west of Rwy 3-21.  
Night landing: Rwy 21 NA.  
Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb via EKR VOR/DME R-107 to 8600, then climbing left turn to 10000 direct EKR VOR/DME and hold.

ASOS <b>135.525</b>	DENVER CENTER <b>134.5 327.8</b>	UNICOM <b>122.8(CTAF) 0</b>
------------------------	-------------------------------------	--------------------------------



Remain within 10 NM

EKR VOR/DME

8600

10000

EKR

9900

277°

097°

8800

107°

2 NM

107° 2 NM from FAF

6503 X 100

0.8° UP

REIL Rwy 3-21 0

MIRL Rwy 3-21 0

CATEGORY	A	B	C	D	FAF to MAP 2 NM					
CIRCLING	8000-1¼	8000-1½	8000-3	NA	Knots	60	90	120	150	180
	1579 (1600-1¼)	1579 (1600-1½)	1579 (1600-3)		Min:Sec	2:00	1:20	1:00	0:48	0:40



MONTE VISTA, COLORADO

AL-6427 (FAA)

19283

WAAS CH <b>45840</b> <b>W20A</b>	APP CRS <b>201°</b>	Rwy Idg TDZE Apt Elev	<b>5901</b> <b>7610</b> <b>7611</b>
--	------------------------	-----------------------------	---

# RNAV (GPS) RWY 20

MONTE VISTA MUNI (MVI)



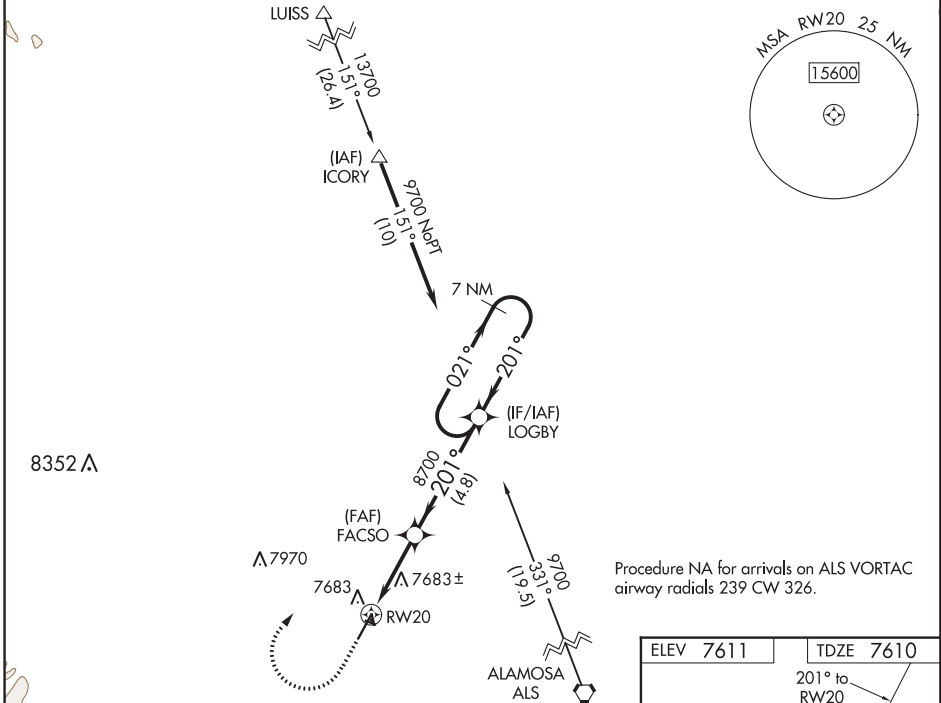
Circling NA to Rwy 10, 28, 16 and 34. DME/DME RNP-0.3 NA.  
Baro-VNAV NA. Use Alamosa altimeter setting.

MISSED APPROACH: (Do not exceed 190K until LOGBY) Climb to 8100 on heading 201° then climbing right turn to 9700 direct LOGBY and hold.

ALS AWOS-3  
**135.175**

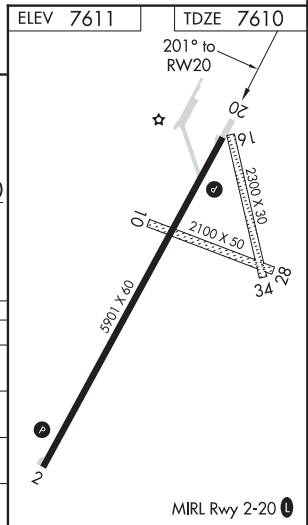
DENVER CENTER  
**128.375 379.95**

UNICOM  
**122.8 (CTAF)**



Procedure NA for arrivals on ALS VORTAC  
airway radials 239 CW 326.

<div>8100</div> <div>↑</div> <div>hdg 201°</div>	<div>9700</div> <div>↗</div>	<div>LOGBY</div> <div>✴</div>	VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 34).			
			<div>FACSO</div> <div>8700</div>	<div>LOGBY</div>	<div>7 NM</div> <div>Holding Pattern</div>	
<div>RW20</div>			<div>8700</div> <div>↗ 201°</div>	<div>021° →</div> <div>← 201°</div> <div>9700</div>	<div>GP 3.00°</div> <div>TCH 52</div>	
<div>3.3 NM</div>			<div>4.8 NM</div>			
CATEGORY	A		B	C	D	
LPV DA	7894-1		284 (300-1)			
LNAV/ VNAV DA	7894-1		284 (300-1)			
LNAV MDA	7980-1		370 (400-1)			
<div>CIRCLING</div>	<div>8060-1</div> <div>449 (500-1)</div>	<div>8080-1</div> <div>469 (500-1)</div>	<div>8180-1½</div> <div>569 (600-1½)</div>	<div>8360-2½</div> <div>749 (800-2½)</div>		



MONTE VISTA, COLORADO  
Orig 14SEP17

37°32'N-106°03'W

MONTE VISTA MUNI (MVI)  
**RNAV (GPS) RWY 20**

MIRL Rwy 2-20

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

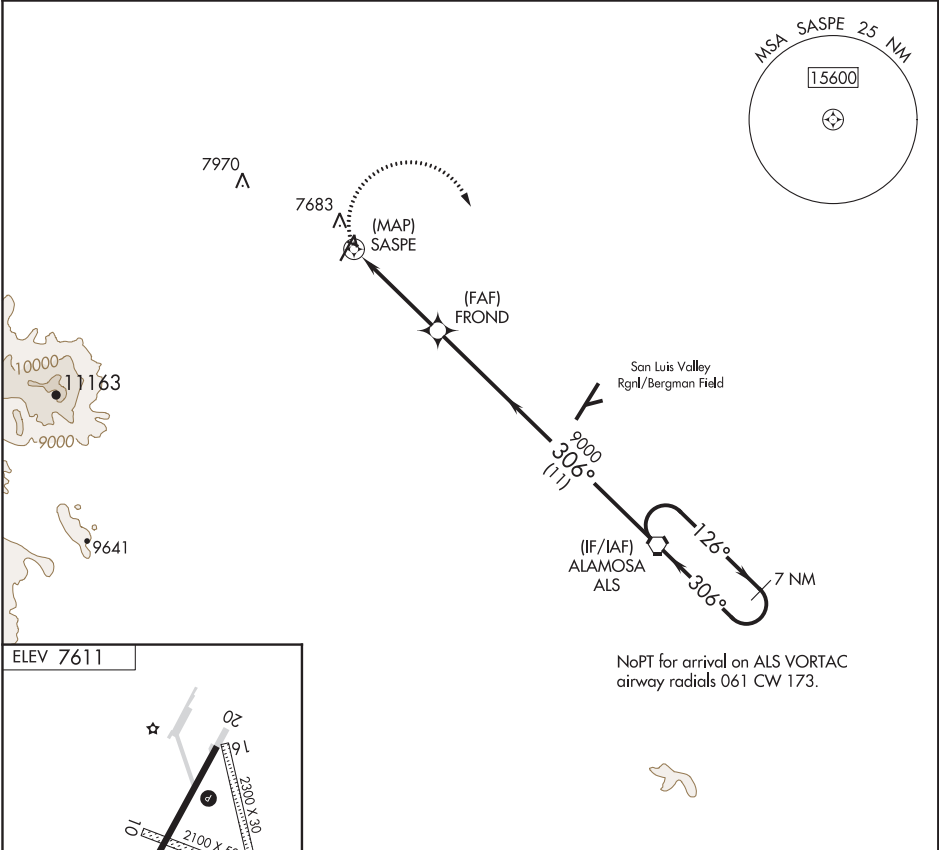


APP CRS	Rwy Idg	N/A
306°	TDZE	N/A
	Apt Elev	7611

RNAV (GPS)-B  
MONTE VISTA MUNI (MVI)

<p><b>NA</b></p> <p>DME/DME RNP-0.3 NA. Use Alamosa altimeter setting. Circling NA to Rwy 10, 28, 16, and 34.</p>	<p>MISSED APPROACH: Climbing right turn to 11600 direct ALS VORTAC and hold.</p>
---	--

ALS AWOS-3 135.175	DENVER CENTER 128.375 379.95	UNICOM 122.8 (CTAF) <b>0</b>
-----------------------	---------------------------------	---------------------------------



MRL Rwy 2-20 **1**

CATEGORY	A	B	C	D
<b>C</b> CIRCLING	8080-1	469 (500-1)	8180-1½ 569 (600-1½)	8360-2½ 749 (800-2½)

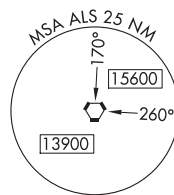
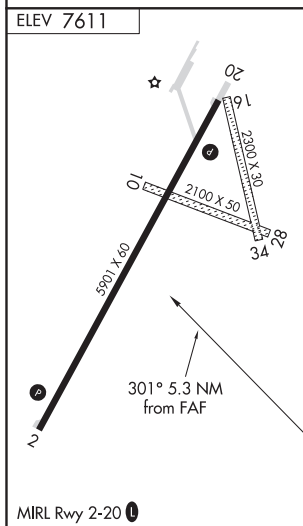
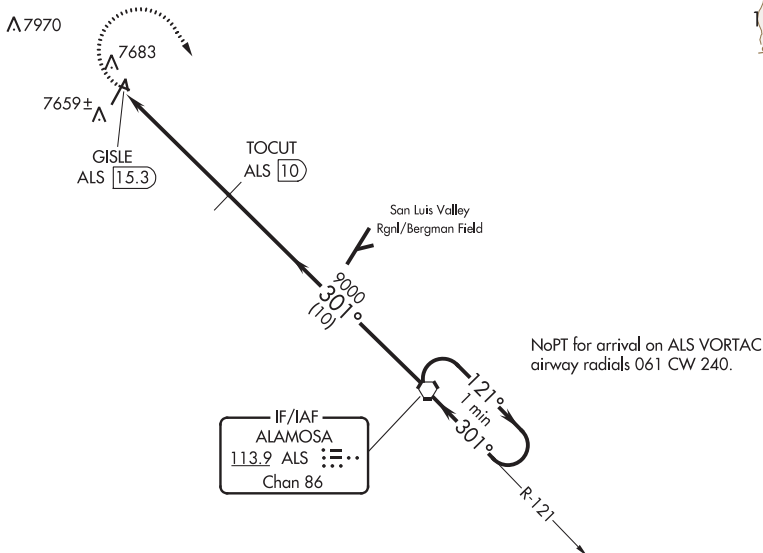
SW-1, 30 JAN 2020 to 26 MAR 2020





SW-1, 30 JAN 2020 to 26 MAR 2020



VOR/DME-A  
MONTE VISTA MUNI (MVI)

**MISSED APPROACH:** Climbing right turn to 10700 direct ALS VORTAC and hold.

UNICOM  
122.8 (CTAF) **L**

10700	ALS				
					
					
CATEGORY	A		B	C	D
 CIRCLING	8080-1 469 (500-1)		8080-1 469 (500-1)	8180-1½ 569 (600-1½)	8360-2½ 749 (800-2½)

MONTE VISTA MUNI (MVI)  
VOR/DME-A

SW-1, 30 JAN 2020 to 26 MAR 2020

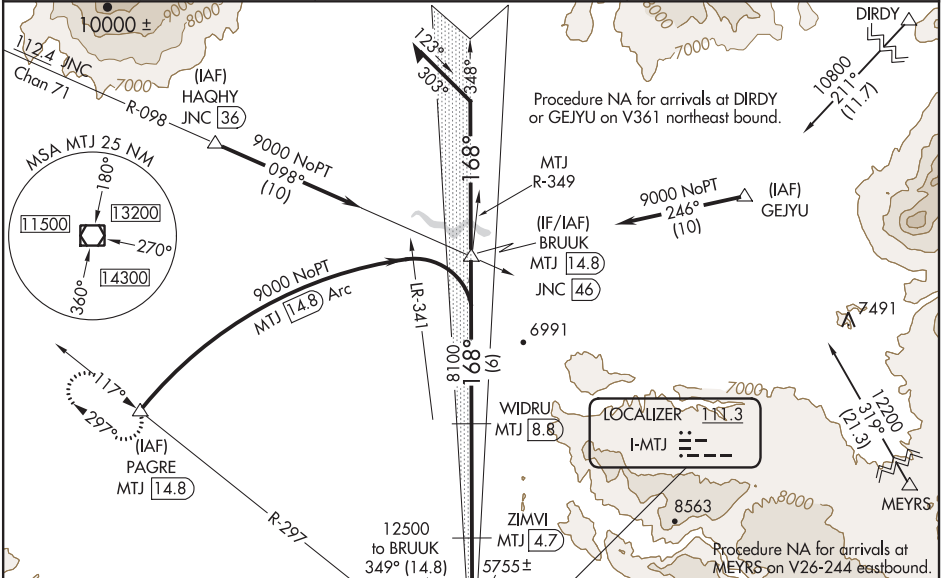


LOC I-MTJ <b>111.3</b>	APP CRS <b>168°</b>	Rwy Idg <b>10000</b> TDZE <b>5708</b> Apt Elev <b>5759</b>
---------------------------	------------------------	--

ILS or LOC RWY 17  
MONTROSE RGNL (MTJ)

<p>From DIRDY, MYERS, GEJYU: RNAV 1-GPS required. DME required.</p> <p>  NA                     Circling NA east of Rwy 17 and northeast of Rwy 31. Circling Rwy 31 NA at night. When Circling to Rwy 13 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. DME from MTJ VOR/DME. Simultaneous reception of I-MTJ and MTJ DME required. For inop ALS, increase S-LOC 17 Cat C/D visibility to ½ SM.                 </p>	<p>MALSR</p>	<p>MISSED APPROACH: Climb to 6300 then climbing right turn to 11000 on heading 325° and MTJ VOR/DME R-297 to PAGRE/MTJ 14.8 DME and hold, continue climb-in-hold to 11000.</p>
---	--------------	--

ASOS <b>135.225</b>	DENVER CENTER <b>127.1 343.65</b>	UNICOM <b>122.8 (CTAF)</b>
------------------------	--------------------------------------	-------------------------------





MONTROSE, COLORADO

AL-668 (FAA)

20030

WAAS CH <b>97344</b> <b>W13A</b>	APP CRS <b>127°</b>	Rwy Idg TDZE Apt Elev	<b>7510</b> <b>5723</b> <b>5759</b>
--	------------------------	-----------------------------	---

# RNAV (GPS) RWY 13

MONTROSE RGNL (MTJ)

RNP APCH.

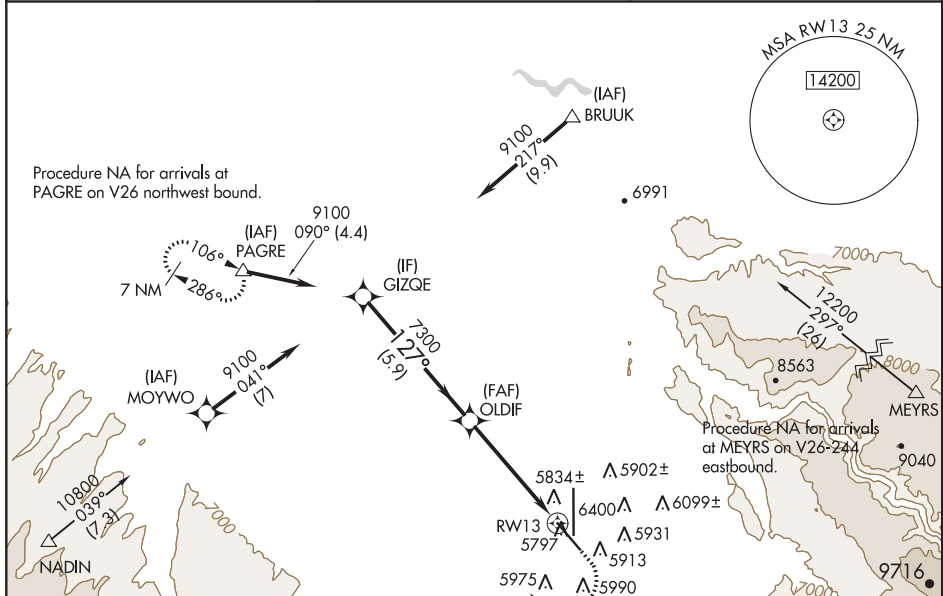
**⚠** Circling NA east of Rwy 17 and northeast of Rwy 31. Circling Rwy 31 NA at night. Rwy 13 helicopter visibility reduction below 1 SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. Straight-in/Circling Rwy 13 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

**MISSED APPROACH:** (Do not exceed 200K until PAGRE) Climb to 6300 then climbing right turn to 11000 direct PAGRE and hold, continue climb-in-hold to 11000.

ASOS  
**135.225**

DENVER CENTER  
**127.1 343.65**

UNICOM  
**122.8 (CTAF) 0**



<p>VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 43).</p> <p>GIZQE</p> <p>9100</p> <p>127°</p> <p>7300</p> <p>OLDIF</p> <p>7300</p> <p>RW13</p> <p>GP 3.00°</p> <p>TCH 55</p> <p>5.9 NM</p> <p>4.9 NM</p>				
CATEGORY	A	B	C	D
LPV DA	5973-1		250 (300-1)	
LNAV/VNAV DA	6101-1		378 (400-1)	
LNAV MDA	6160-1	437 (500-1)	6160-1¼	437 (500-1¼)
CIRCLING	6280-1	6320-1	6380-1¾	6800-3
	521 (600-1)	561 (600-1)	621 (700-1¾)	1041 (1100-3)

REIL Rwy 13, 31 and 35 0

HIRL Rwy 13-31 and 17-35 0

MONTROSE, COLORADO

Amdt 1 30JAN20

38°31'N-107°54'W

MONTROSE RGNL (MTJ)

# RNAV (GPS) RWY 13

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>40411</b> <b>W17A</b>	APP CRS <b>168°</b>	Rwy Idg <b>10000</b> TDZE <b>5708</b> Apt Elev <b>5759</b>
--	------------------------	--

RNAV (GPS) RWY 17  
MONTROSE RGNL (MTJ)

RNP APCH.

**T** Circling NA east of Rwy 17 and northeast of Rwy 31. Circling Rwy 31 NA  
**A** at night. When Circling to Rwy 13 at night, operational VGSi required,  
 remain on or above VGSi glidepath until threshold. Baro-VNAV NA.  
 For inop ALS, increase LNAV Cat C/D visibility to 1½ SM.

MALSR

**MISSED APPROACH:** (Do not exceed 250K until PAGRE) Climb to 6200 then climbing right turn to 11000 direct PAGRE and hold, continue climb in hold to 11000.

ASOS 135.225	DENVER CENTER 127.1 343.65	UNICOM 122.8 (CTAF) 0
-----------------	-------------------------------	--------------------------

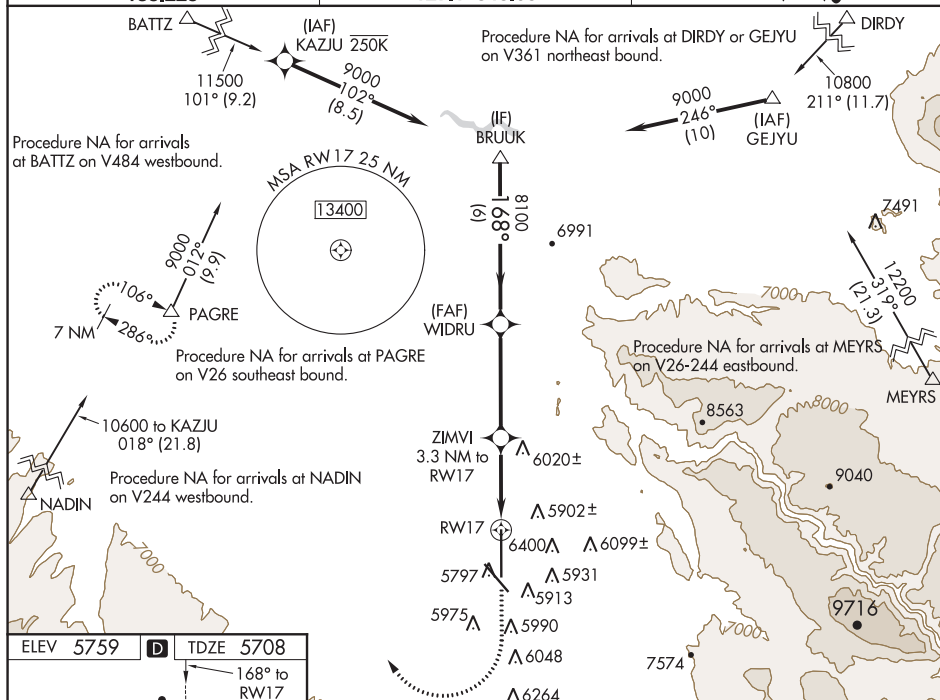


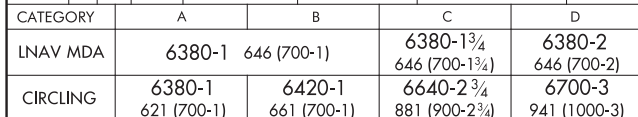
Figure 1: Example of a 4-segment RNAV approach. The diagram shows a 4-segment RNAV approach with a 1.2 NM initial segment, a 2.1 NM second segment, a 4.1 NM third segment, and a 6 NM fourth segment. The approach is for RW17. Key altitudes include 6200, 11000, 6800\*, 8100, and 9000. The approach is labeled 'PACRE' and 'WIDRU'. The final segment is labeled 'BRUK'. The approach is for 'LNNAV only'. The approach is for 'RW17'. The approach is for 'ZIMVI'. The approach is for '3.3 NM to RW17'. The approach is for '\*1.2 NM to RW17'. The approach is for 'GP 3.00° TCH 56°'. The approach is for '6200 11000 PACRE'.



RNAV (GPS) RWY 35  
MONTROSE RGNL (MTJ)

**MISSED APPROACH:** Climb to 11 000 direct ZEMAD on track 290° to PAGRE and hold, continue climb-in-hold to 11 000.

UNICOM  
122.8 (CTAF) **L**



MONTROSE RGNL (MTJ)  
RNAV (GPS) RWY 35

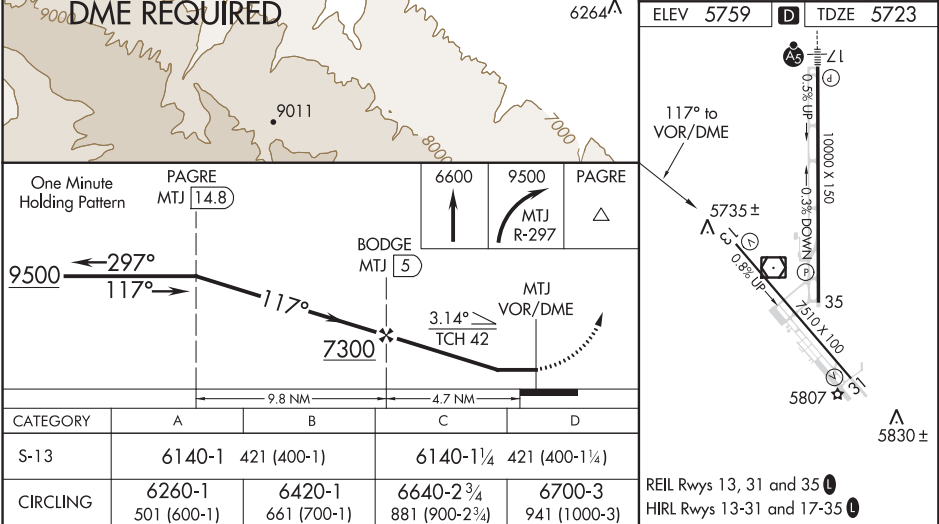
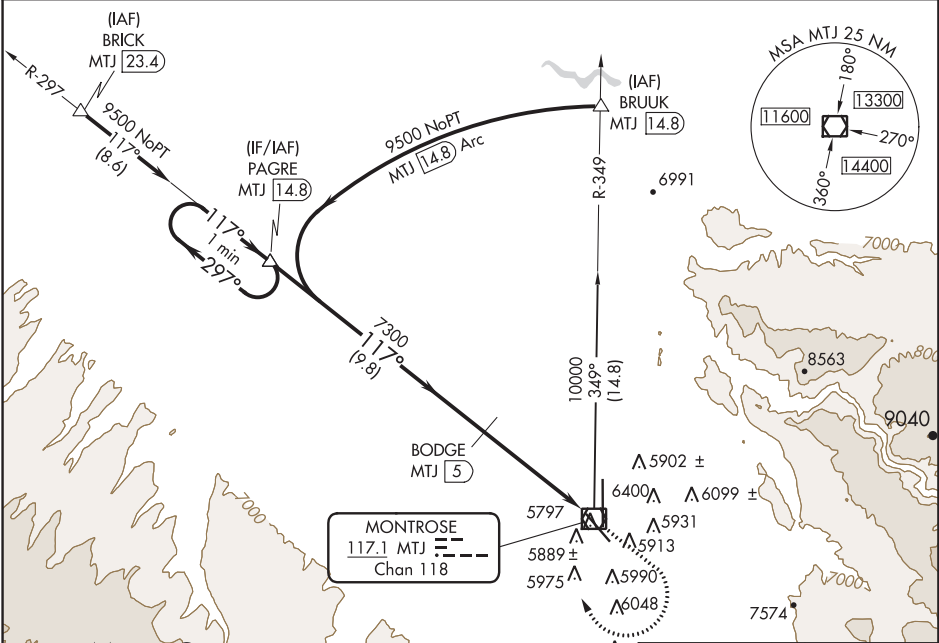


VOR/DME MTJ	APP CRS	Rwy Idg	7510
117.1	117°	TDZE	5723
Chan 118		Apt Elev	5759

# VOR RWY 13 MONTROSE RGNL (MTJ)

<div> <div> </div> <div> </div> </div> <p>Helicopter visibility reduction below 1 SM NA. Night landing: Rwy 13 operational VGSI required, remain on or above VGSI glidepath until threshold. Night landing Rwy 31 NA. DME required.</p>	<p>MISSED APPROACH: Climb to 6600 then climbing right turn to 9500 on MTJ VOR/DME R-297 to PAGRE/14.8 DME and hold.</p>
---	---

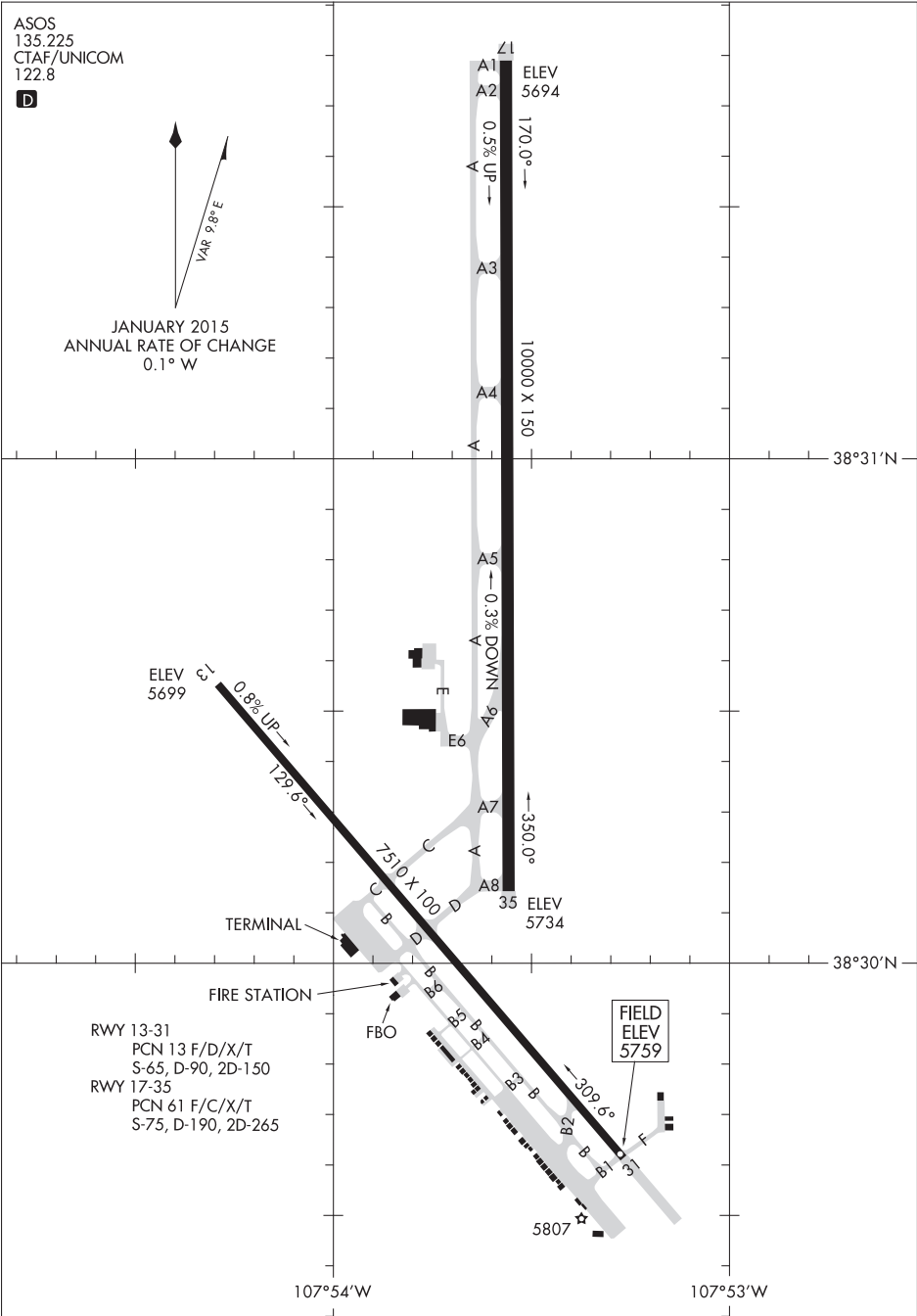
ASOS	DENVER CENTER	UNICOM
135.225	127.1 343.65	122.8 (CTAF) <b>0</b>



SW-1, 30 JAN 2020 to 26 MAR 2020

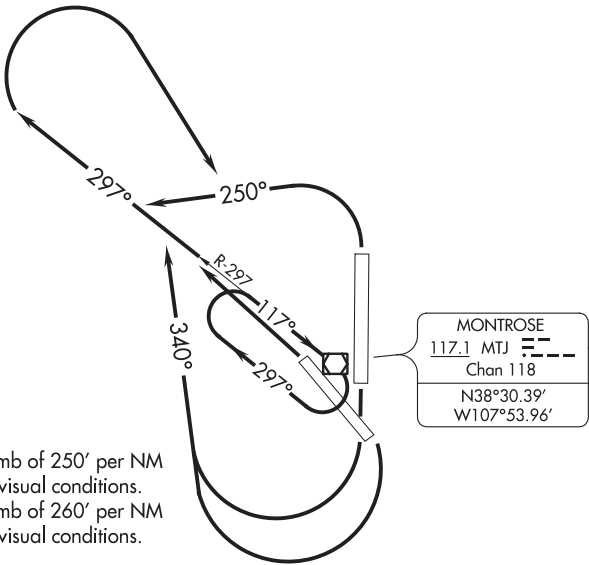
SW-1, 30 JAN 2020 to 26 MAR 2020







DENVER RADIO  
122.65  
DENVER CENTER  
127.1 343.65  
UNICOM  
122.8



TAKEOFF MINIMUMS

- Rwy 13: Standard with minimum climb of 250' per NM to 8100, or 5000-3 for climb in visual conditions.  
Rwy 17: Standard with minimum climb of 260' per NM to 8100, or 5000-3 for climb in visual conditions.  
Rwys 31, 35: Standard.

TAKEOFF OBSTACLE NOTES

- Rwy 13: Multiple trees beginning 776' from DER, 273' left of centerline, up to 50' AGL/5878' MSL. Multiple trees and towers beginning 2590' from DER, 38' right of centerline, up to 110' AGL/5910' MSL.  
Rwy 17: Road with vehicle beginning 12' from DER, 258' left of centerline up to 15' AGL/5748' MSL. Multiple trees beginning 134', from DER, 436' left of centerline, up to 25' AGL/5745' MSL. Sign 23' from DER, 307' right of centerline, 16' AGL/5736' MSL.  
Rwy 31: Multiple trees beginning 315' from DER, 378' left of centerline, up to 50' AGL/5749' MSL.  
Rwy 35: Multiple trees beginning 218' from DER, 511' left of centerline, up to 50' AGL/5709' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 13, 17: Climbing right turn to 8100 via heading 340° and MTJ R-297, then climbing right turn to 11000 direct MTJ VOR/DME, Thence . . .  
Or, for climb in visual conditions: Cross Montrose Rgnl Airport at or above 10600 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF RUNWAY 31: Climbing left turn to 8100 via MTJ R-297, then climbing right turn to 11000 direct MTJ VOR/DME, Thence . . .

TAKEOFF RUNWAY 35: Climbing left turn to 8600 via heading 250° and MTJ R-297, then climbing right turn to 11000 direct MTJ VOR/DME, Thence . . .

. . . Continue climb-in-hold in MTJ VOR/DME holding pattern to cross MTJ VOR/DME at or above 11000, then proceed via assigned route.



(HBU3.HBU) 19283

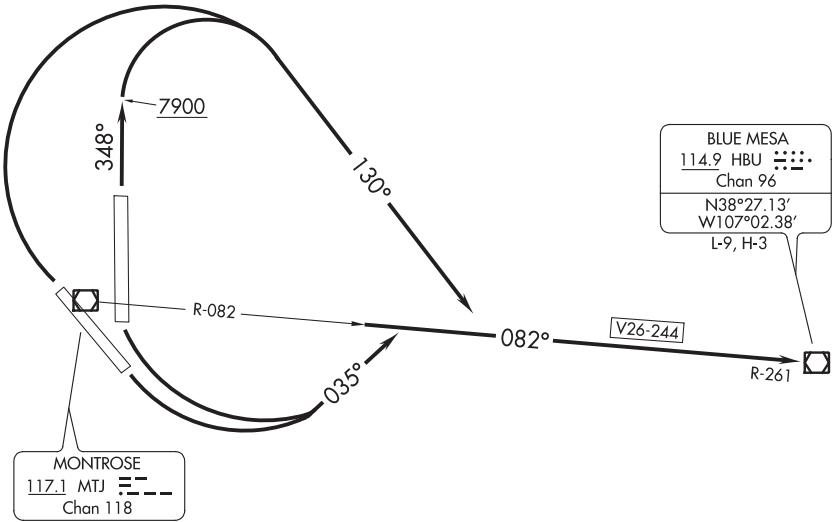
BLUE MESA THREE DEPARTURE

AL-668 (FAA)

MONTROSE RGNL (MTJ)  
MONTROSE, COLORADO

TOP ALTITUDE:  
12500

DENVER RADIO  
122.65  
DENVER CENTER  
127.1 343.65  
UNICOM  
122.8



TAKEOFF MINIMUMS

- Rwy 13: Standard with minimum climb of 450' per NM to 11300.
- Rwy 17: Standard with minimum climb of 420' per NM to 11300.
- Rwy 31: Standard with minimum climb of 450' per NM to 11300.
- Rwy 35: Standard with minimum climb of 460' per NM to 11300.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 13, 17: Climbing left turn to 12500 via heading 035° and MTJ R-082 to HBU VOR/DME, then via assigned route.

TAKEOFF RUNWAY 31: Climbing right turn to 12500 via heading 130° and MTJ R-082 to HBU VOR/DME, then via assigned route.

TAKEOFF RUNWAY 35: Climb heading 348° to 7900 then climbing right turn to 12500 via heading 130° and MTJ R-082 to HBU VOR/DME, then via assigned route.

BLUE MESA THREE DEPARTURE

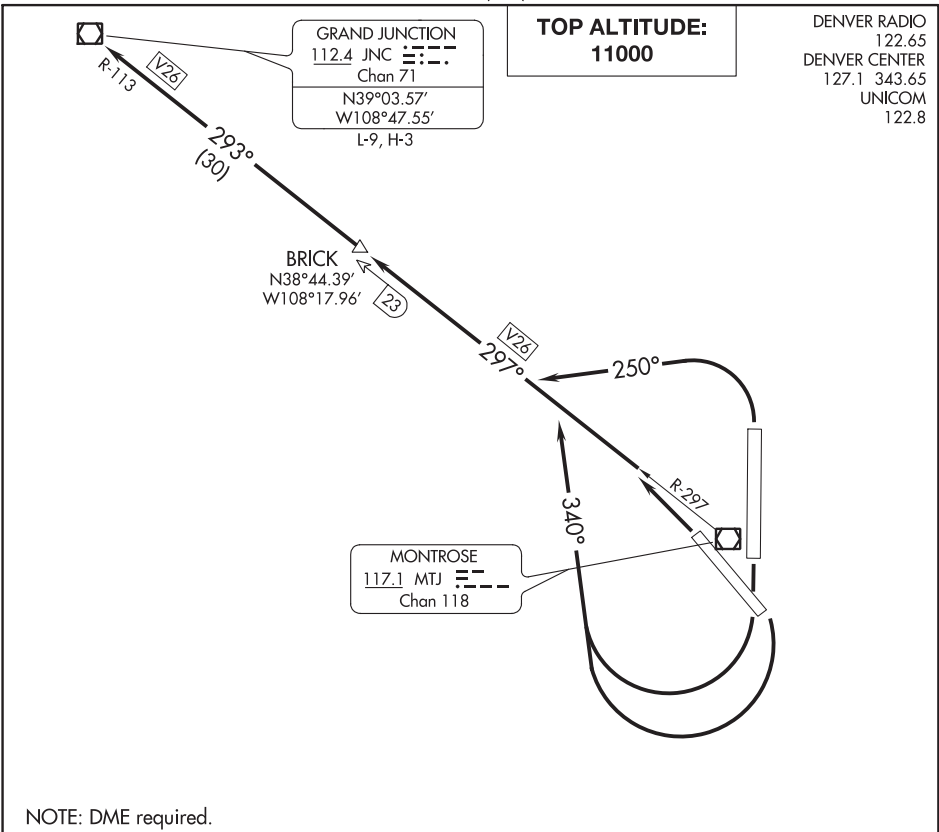
(HBU3.HBU) 21JUL16

MONTROSE, COLORADO  
MONTROSE RGNL (MTJ)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





**TAKEOFF MINIMUMS**

Rwy 13: Standard with minimum climb of 250' per NM to 7900.  
Rwy 17: Standard with minimum climb of 260' per NM to 7800.  
Rwys 31, 35: Standard.

NOTE: Chart not to scale.

**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAYS 13, 17:** Climbing right turn to 11000 on heading 340° and MTJ R-297 to BRICK/MTJ 23 DME, thence. . . .

**TAKEOFF RUNWAY 31:** Climbing left turn to 11000 on MTJ R-297 to BRICK/MTJ 23 DME, thence. . . .

**TAKEOFF RUNWAY 35:** Climbing left turn to 11000 on heading 250° and MTJ R-297 to BRICK/MTJ 23 DME, thence. . . .

. . . . on V26 to JNC VOR/DME.



MORIARTY, NEW MEXICO

AL-308 (FAA)

19227

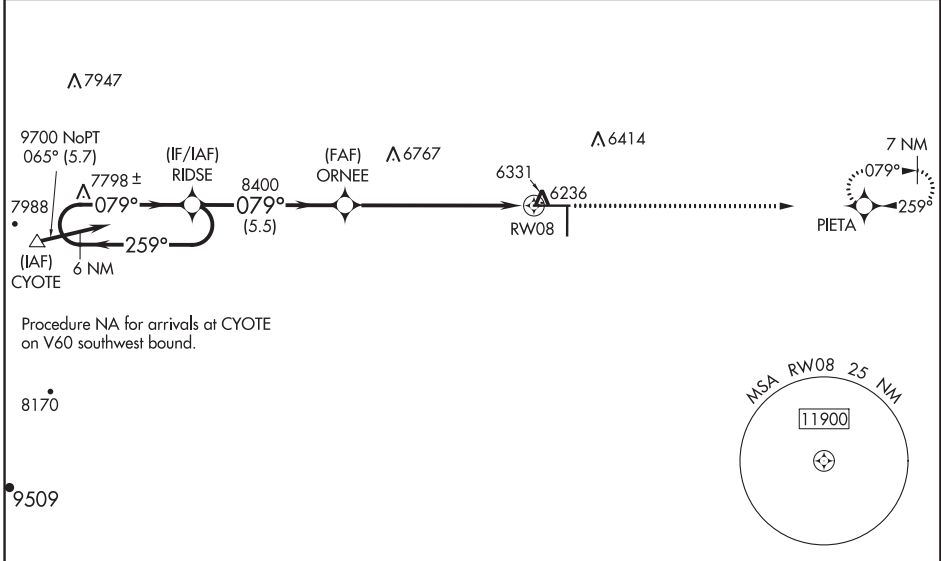
WAAS CH <b>86239</b> <b>W08A</b>	APP CRS <b>079°</b>	Rwy Idg TDZE <b>6204</b> Apt Elev <b>6204</b>
--	------------------------	---

RNAV (GPS) RWY 8

MORIARTY MUNI (ØEØ)

RNP APCH.	MISSED APPROACH: Climb to 8700 direct PIETA and hold.
▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -27°C or above 54°C. Circling Rwy 18 and 36 NA at night. Rwy 8 helicopter visibility reduction below ¾ SM NA.	

AWOS-3 <b>118.05</b>	ALBUQUERQUE CENTER <b>133.65 284.6</b>	CTAF <b>122.9 Ø</b>
-------------------------	---	------------------------



ELEV 6204		TDZE 6204	
6 NM Holding Pattern		8700 PIETA	
GP 3.00° TCH 40		* 1.2 NM to RW08	
RIDSE		* LNAV only.	
ORNEE		RW08	
8400		7702 X 75	
5.5 NM		81	
5.6 NM		6201 X 75	
1.2 NM		36	
CATEGORY	A	B	D
LPV DA	6454-7/8	250 (300-7/8)	NA
LNAV/VNAV DA	6481-7/8	277 (300-7/8)	NA
LNAV MDA	6640-1	436 (500-1)	6640-1 1/4 436 (500-1 1/4)
CIRCLING	6660-1 456 (500-1)	6680-1 476 (500-1)	6780-1 1/2 576 (600-1 1/2)

MORIARTY, NEW MEXICO  
Orig-A 19JUL18

34°59'N-106°00'W

MORIARTY MUNI (ØEØ)

RNAV (GPS) RWY 8



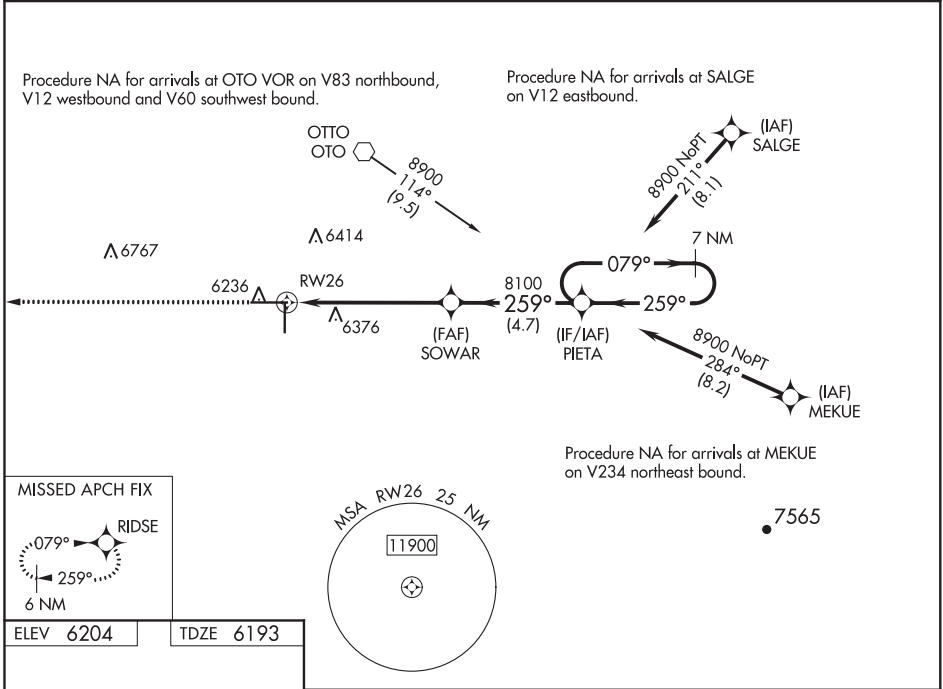
WAAS CH <b>40039</b> <b>W26A</b>	APP CRS <b>259°</b>	Rwy Idg TDZE <b>6193</b> Apt Elev <b>6204</b>	<b>7702</b> <b>6193</b> <b>6204</b>
--	------------------------	---	---

RNAV (GPS) RWY 26

MORIARTY MUNI (ØEØ)

RNP APCH.	MISSED APPROACH: Climb to 9700 direct RIDSE and hold, continue climb-in-hold to 9700.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -27°C or above 54°C. Circling Rwy 18 and 36 NA at night.	

AWOS-3 <b>118.05</b>	ALBUQUERQUE CENTER <b>133,65 284.6</b>	CTAF <b>122.9</b>
-------------------------	---	----------------------



*LNAV only.	
GP 3.00° TCH 40	
CATEGORY	A B C D
LPV DA	6443-7/8 250 (300-7/8) NA
LNAV/VNAV DA	6443-7/8 250 (300-7/8) NA
LNAV MDA	6640-1 447 (500-1) 6640-1 3/8 447 (500-1 3/8) NA
CIRCLING	6660-1 456 (500-1) 6680-1 476 (500-1) 6780-1 1/2 576 (600-1 1/2) NA



APP CRS	Rwy Idg	N/A
126°	TDZE	N/A
	Apt Elev	5940

# RNAV (GPS)-A

## HOPKINS FIELD (AIB)

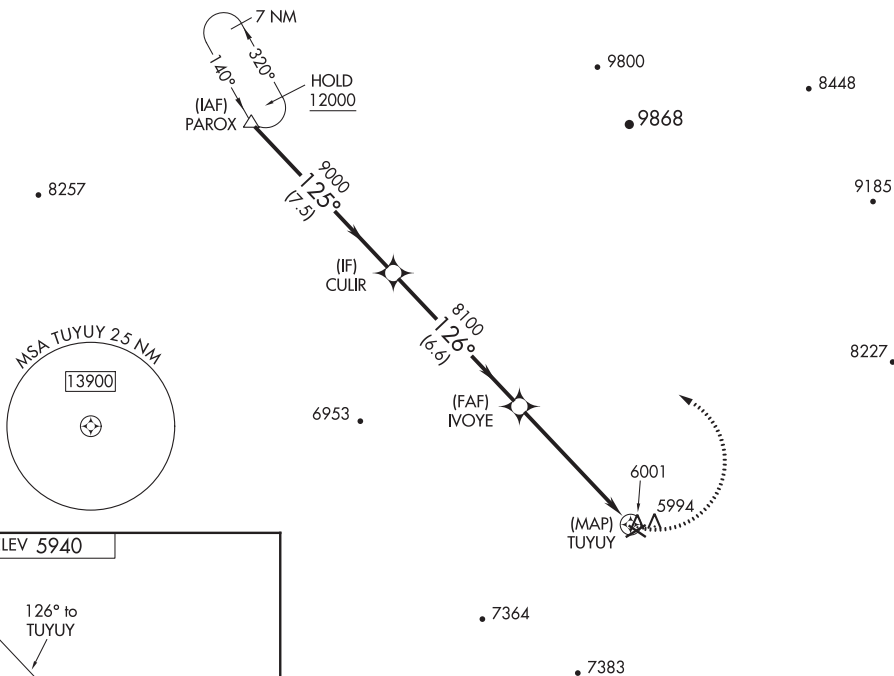
<p><b>T</b> DME/DME RNP- 0.3 NA.</p> <p><b>A</b> NA If local altimeter setting not received, procedure NA.</p> <p>Circling to Rwys 11/29 NA.</p>	<p><b>MISSED APPROACH:</b> Climbing left turn to 12000 direct PAROX and hold, continue climb-in-hold to 12000.</p>
--	--

AWOS-3  
132.525

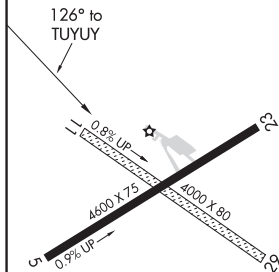
DENVER CENTER  
125.35 354.05

UNICOM  
122.8 (CTAF)

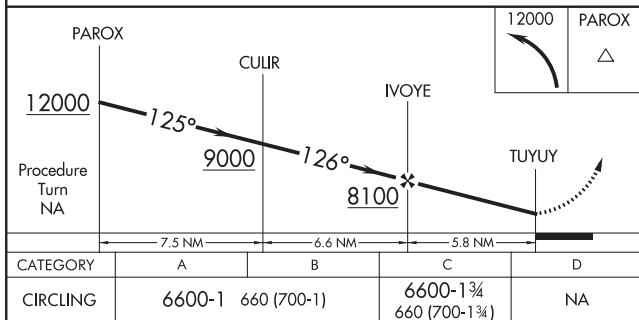
All arrivals via V244 descend to 12000 in PAROX holding pattern before departing PAROX.  
NoPT for arrival at PAROX on V391 southbound.

 $\Delta 9752 \pm$ 

ELEV 5940



MIRL Rwy 5-23



NUCLA, COLORADO  
Orig 10MAY07

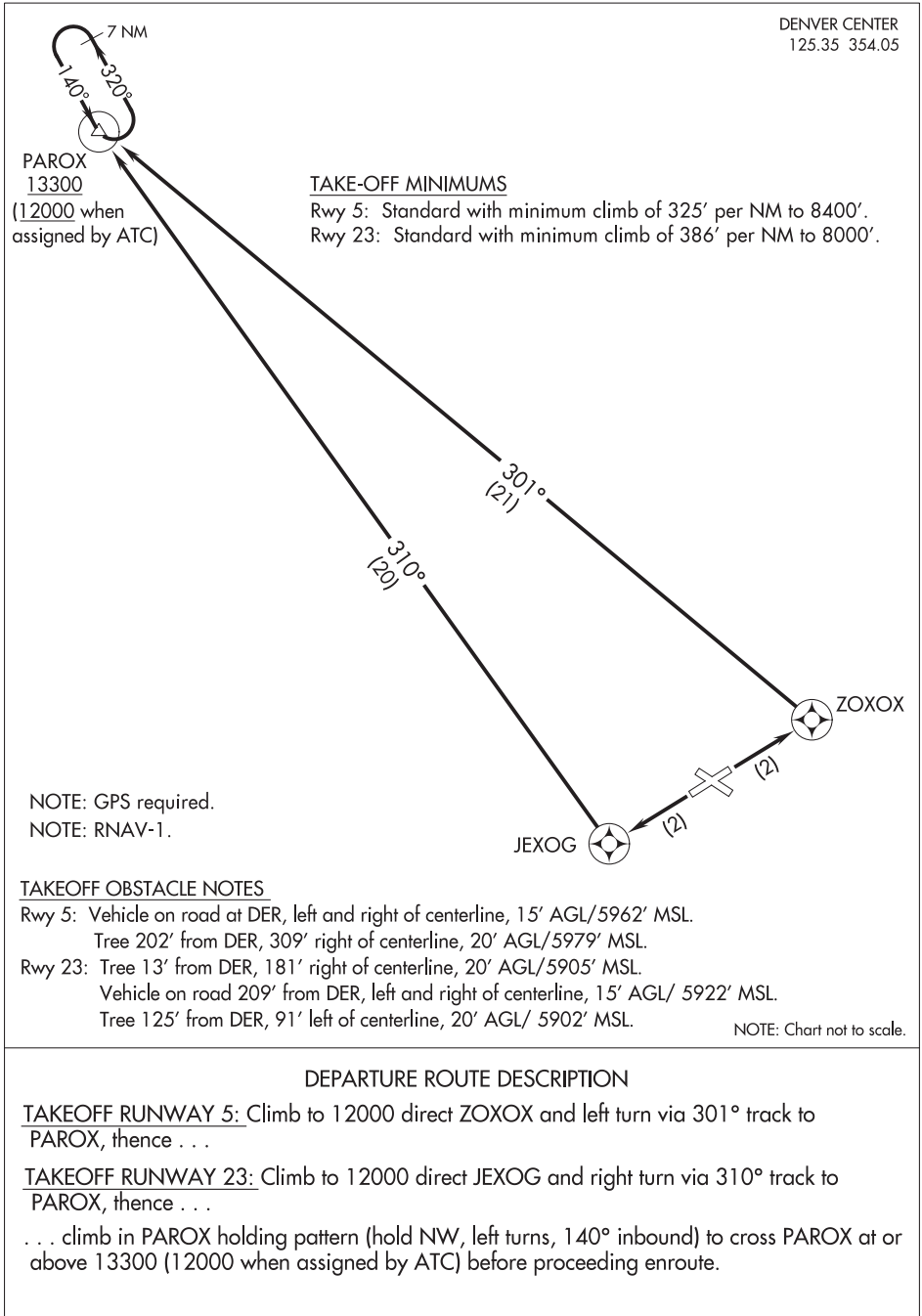
38°14'N-108°34'W

HOPKINS FIELD (AIB)  
RNAV (GPS)-A

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







PAGOSA SPRINGS, COLORADO

AL-10340 (FAA)

20002

WAAS CH <b>58238</b> <b>W01A</b>	APP CRS <b>354°</b>	Rwy Idg TDZE <b>7637</b> Apt Elev <b>7664</b>
--	------------------------	---

# RNAV (GPS) RWY 1

STEVENS FIELD (PSO)

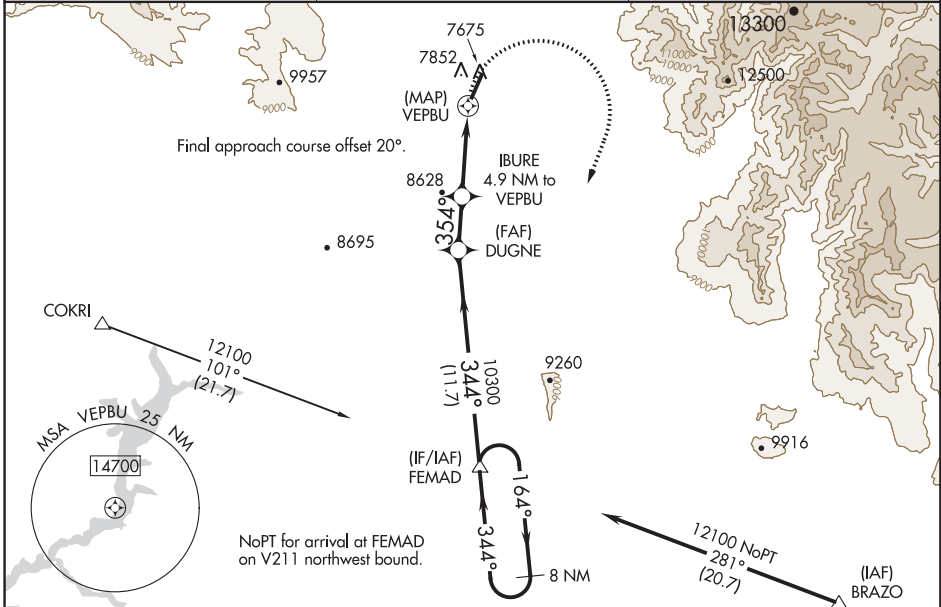
**⚠** Circling to Rwy 19 NA at night. DME/DME RNP-0.3 NA. Helicopter visibility reduction below  $\frac{3}{4}$  SM NA. When local altimeter setting not received, use Durango altimeter setting and increase all MDA 220 feet and LP and LNAV visibility Cat B  $\frac{1}{4}$  mile and Cat C  $\frac{3}{4}$  mile, and Circling Cats A/B  $\frac{1}{4}$  mile.

**MISSED APPROACH:** Climbing right turn to 12100 direct FEMAD and hold.

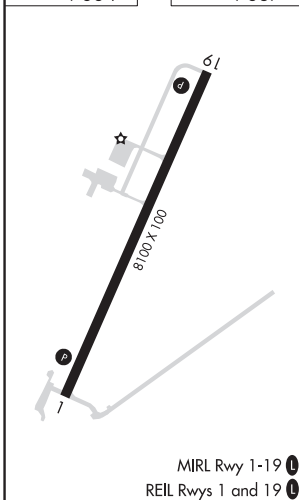
AWOS-3  
**127.175**

DENVER CENTER  
**118.575 348.7**

UNICOM  
**122.7 (CTAF)**



ELEV **7664** TDZE **7637**



8 NM Holding Pattern FEMAD				
12100 ← 164° 344° → 344° → 10300 → 354° → 9380 → 3.00° TCH 40 → VEPBU				
11.7 NM 2.9 NM 3.6 NM 1.3 0.5				
CATEGORY	A	B	C	D
LP MDA	8240-1	603 (600-1)	8240-1 $\frac{3}{4}$ 603 (600-1 $\frac{3}{4}$ )	NA
LNAV MDA	8280-1	643 (700-1)	8280-1 $\frac{7}{8}$ 643 (700-1 $\frac{7}{8}$ )	NA
<b>C</b> CIRCLING	8420-1 756 (800-1)	8480-1 $\frac{1}{4}$ 816 (900-1 $\frac{1}{4}$ )	8940-3 1276 (1300-3)	NA

PAGOSA SPRINGS, COLORADO

Orig-A 02JAN20

37°17'N-107°03'W

STEVENS FIELD (PSO)

# RNAV (GPS) RWY 1

SW-1, 30 JAN 2020 to 26 MAR 2020


SW-1, 30 JAN 2020 to 26 MAR 2020

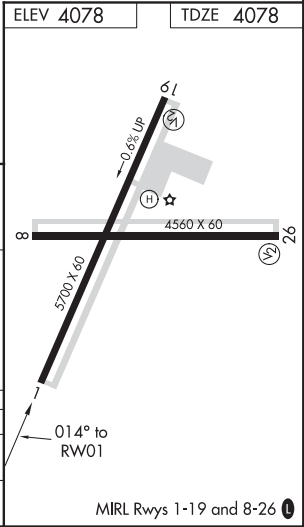
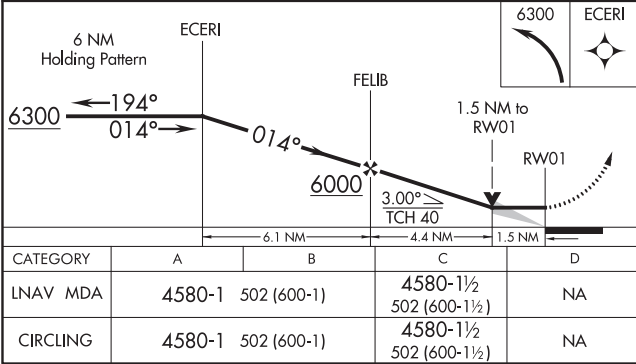
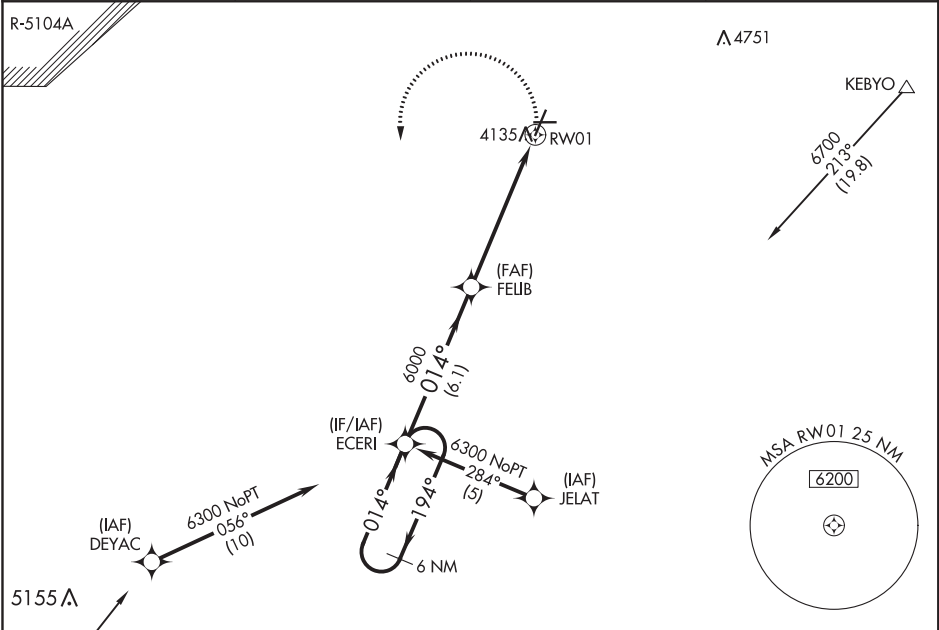


APP CRS	Rwy Idg	5700
014°	TDZE	4078
	Apt Elev	4078

RNAV (GPS) RWY 1

PORTALES MUNI (PRZ)

<div><div></div><div>DME/DME RNP- 0.3 NA. VDP NA when using Clovis Muni altimeter setting. If local altimeter setting not received, use Clovis Muni altimeter setting and increase all MDAs 80 feet.</div></div>		MISSED APPROACH: Climbing left turn to 6300 direct ECERI and hold.	
AWOS-3 118.175	CANNON APP CON 118.425 352.1	CLNC DEL 119.0	UNICOM 122.8 (CTAF) 






PUEBLO, COLORADO

AL-334 (FAA)

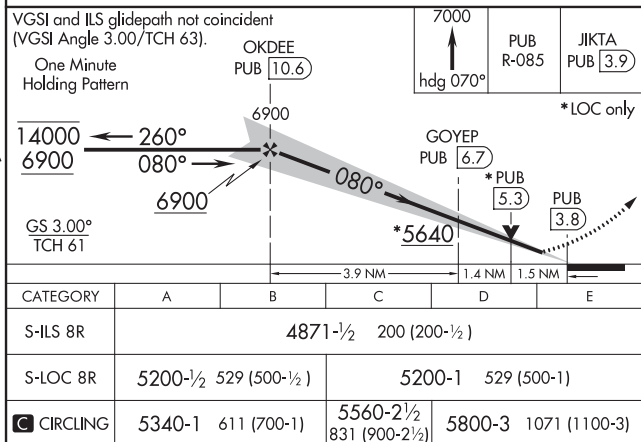
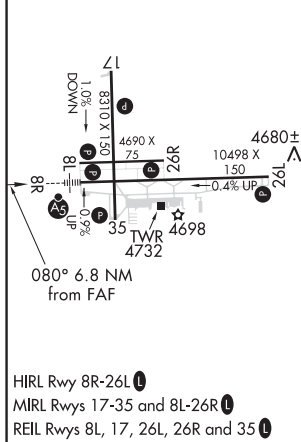
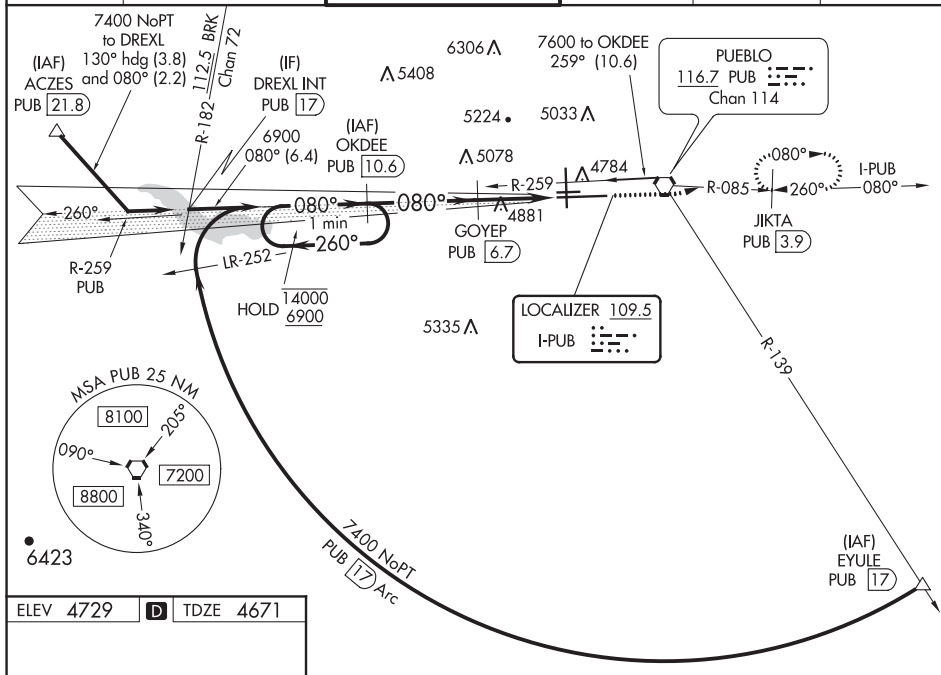
19283

LOC I-PUB <b>109.5</b>	APP CRS <b>080°</b>	Rwy Idg TDZE Apt Elev	<b>10496</b> <b>4671</b> <b>4729</b>
---------------------------	------------------------	-----------------------------	--

# ILS or LOC RWY 8R PUEBLO MEMORIAL (PUB)

DME required.		<div>MALSR</div> <div></div>	MISSED APPROACH: Climb to 7000 on heading 070° and on PUB VORTAC R-085 to JIKTA/ PUB 3.9 DME and hold, continue climb-in-hold to 7000.
<div><div>V</div><div>A</div></div>	<p>Circling NA for Cat E west of Rwy 17-35. Autopilot coupled approach NA below 4910. Procedure turn NA for Cat E aircraft. DME from PUB VORTAC, simultaneous reception of I-PUB and PUB DME required. For inop ALS, increase S-ILS 8R Cat E visibility to ¾ SM and S-LOC 8R Cat E visibility to 1½ SM.</p>		

ATIS <b>125.25</b>	DENVER APP CON ★ <b>120.1 290.5</b>	PUEBLO TOWER ★ <b>119.1 (CTAF) 0 257.8</b>	GND CON <b>121.9</b>	CLNC DEL <b>120.9</b>	UNICOM <b>122.95</b>
-----------------------	--	---	-------------------------	--------------------------	-------------------------



PUEBLO, COLORADO

Amdt 1A 08NOV18

38°17'N-104°30'W

# PUEBLO MEMORIAL (PUB) ILS or LOC RWY 8R

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

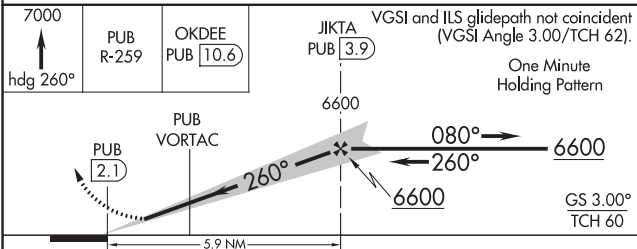
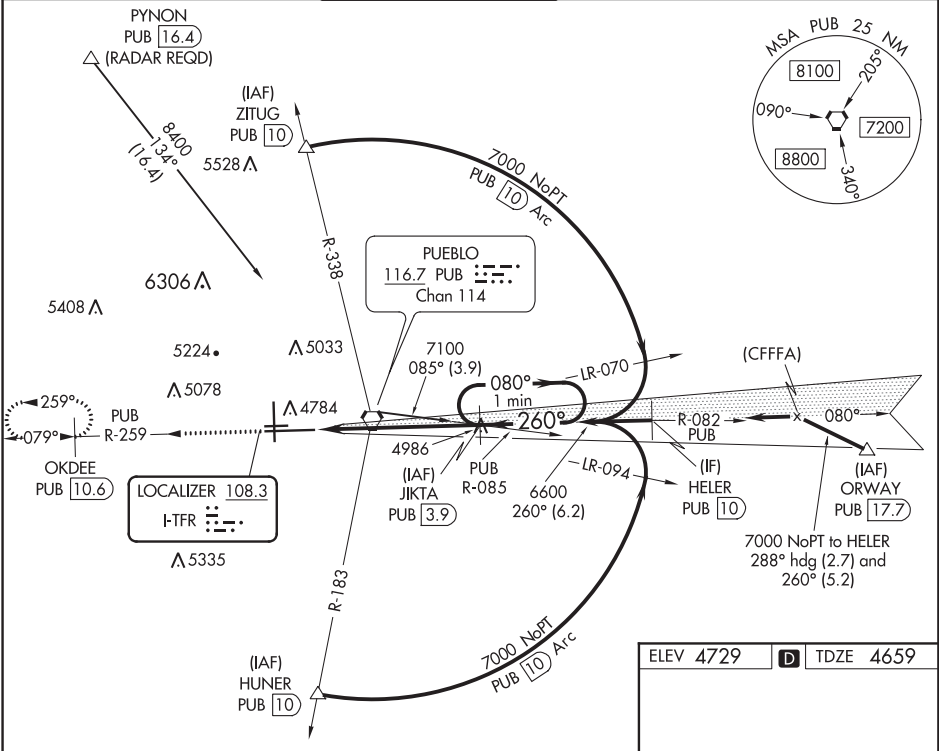


LOC I-TFR <b>108.3</b>	APP CRS <b>260°</b>	Rwy Idg TDZE Apt Elev	<b>10496</b> <b>4659</b> <b>4729</b>
---------------------------	------------------------	-----------------------------	--

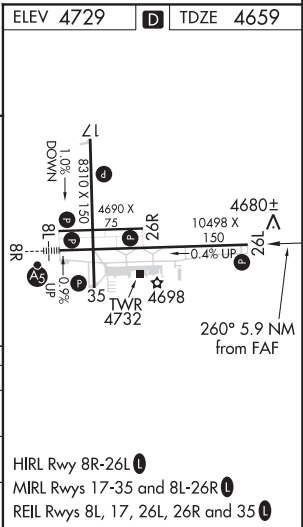
ILS or LOC RWY 26L  
PUEBLO MEMORIAL (PUB)

DME from PUB VORTAC, simultaneous reception of I-TFR and PUB DME required.	MISSED APPROACH: Climb to 7000 on heading 260° and on PUB VORTAC R-259 to OKDEE/PUB 10.6 DME and hold.
--	--

ATIS <b>125.25</b>	DENVER APP CON ★ <b>120.1 290.5</b>	PUEBLO TOWER ★ <b>119.1 (CTAF) 0 257.8</b>	GND CON <b>121.9</b>	CLNC DEL <b>120.9</b>	UNICOM <b>122.95</b>
-----------------------	--	---	-------------------------	--------------------------	-------------------------



CATEGORY	A	B	C	D
S-ILS 26L	4859-3/4 200 (200-3/4)			
S-LOC 26L	5160-1	501 (500-1)	5160-1 3/8	501 (500-1 3/8)
CIRCLING	5340-1	611 (700-1)	5560-2 1/2 831 (900-2 1/2)	5800-3 1071 (1100-3)



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



PUEBLO, COLORADO

AL-334 (FAA)

19283

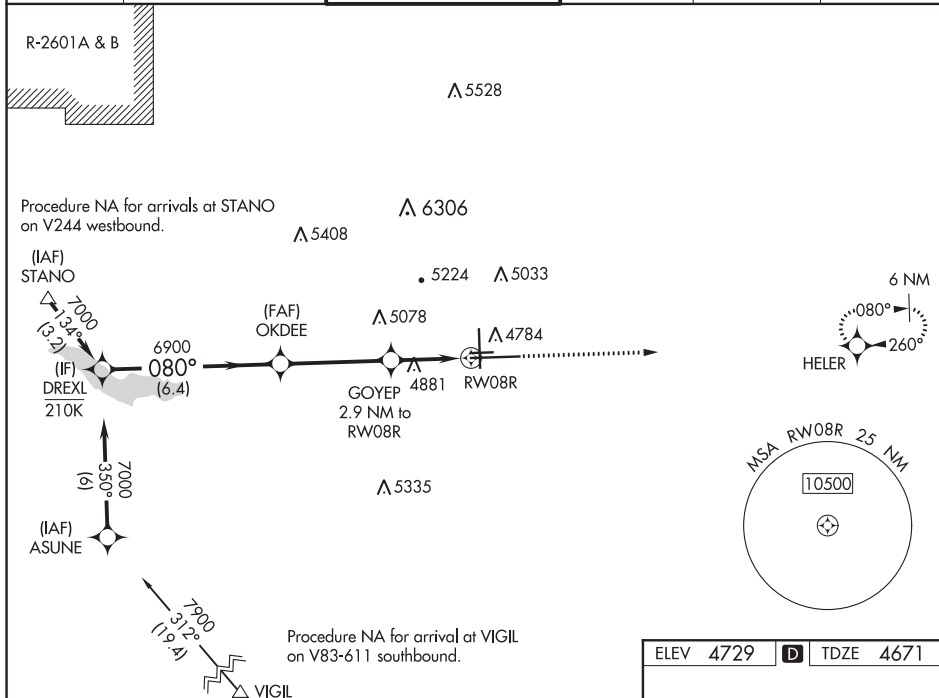
WAAS CH <b>70531</b> <b>W08A</b>	APP CRS <b>080°</b>	Rwy Idg TDZE <b>10496</b> Apt Elev <b>4671</b>
--	------------------------	--

# RNAV (GPS) RWY 8R

PUEBLO MEMORIAL (PUB)

<p><b>⚠</b> For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. For inop MALSR, increase LNAV/VNAV all Cats visibility to ¾ mile.</p>	<p><b>MALSR</b></p> <p><b>⚠</b></p>	<p><b>MISSED APPROACH:</b> Climb to 7000 direct HELER and hold.</p>
---	-------------------------------------	---

ATIS <b>125.25</b>	DENVER APP CON ★ <b>120.1 290.5</b>	PUEBLO TOWER ★ <b>119.1 (CTAF) 0 257.8</b>	GND CON <b>121.9</b>	CLNC DEL <b>120.9</b>	UNICOM <b>122.95</b>
-----------------------	--	---	-------------------------	--------------------------	-------------------------



DREXL		VGS1 and RNAV glidepath not coincident (VGS1 Angle 3.00/TCH 63).		7000	HELER
7000		080°		6900	
GP 3.00° TCH 60		OKDEE		GOYEP 2.9 NM to RW08R	*LNAV only
6.4 NM		4 NM		1.4 NM	1.5 NM to RW08R
CATEGORY		A		B	
LPV DA		4871-½		200 (200-½)	
LNAV/VNAV DA		4921-½		250 (200-½)	
LNAV MDA		5200-½ 529 (500-½)		5200-1 529 (500-1)	
CIRCLING		5340-1 611 (700-1)		5560-2½ 831 (900-2½)	
				5800-3 1071 (1100-3)	

PUEBLO, COLORADO

Amdt 1 26MAY16

38°17'N-104°30'W

PUEBLO MEMORIAL (PUB)

# RNAV (GPS) RWY 8R

HIRL Rwy 8R-26L

MIRL Rwy 17-35 and 8L-26R

REIL Rwy 8L, 17, 26L, 26R and 35

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



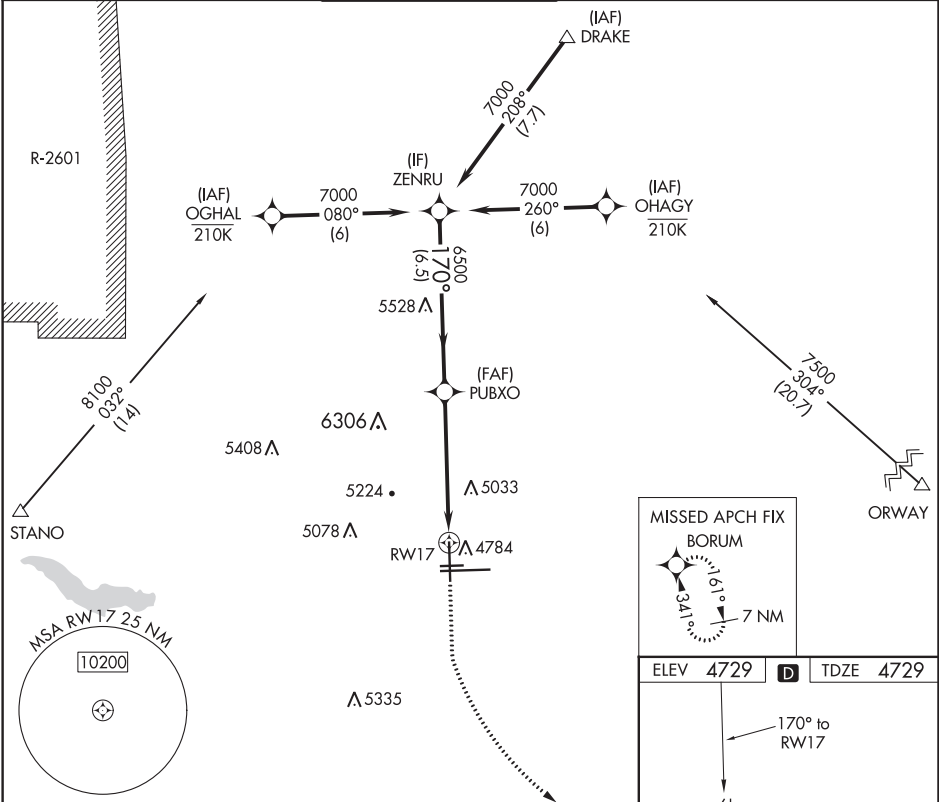
APP CRS	Rwy Idg	8308
170°	TDZE	4729
	Apt Elev	4729

RNAV (GPS) RWY 17  
PUEBLO MEMORIAL (PUB)

**⚠** DME/DME RNP-0.3 NA. Rwy 17 helicopter reduction below ¾ SM NA.  
**⚠** VDP NA when using La Junta altimeter setting. When local altimeter setting not received, use La Junta altimeter setting and increase all MDA 200 feet; increase LNAV Cat B visibility and Circling Cat B/C visibility ¼ mile, Circling Cat D visibility ½ mile.

**MISSED APPROACH:** Climb to 6000 then climbing left turn to 7500 direct BORUM and hold.

ATIS <b>125.25</b>	DENVER APP CON ★ <b>120.1 290.5</b>	PUEBLO TOWER ★ <b>119.1 (CTAF) 257.8</b>	GND CON <b>121.9</b>	CLNC DEL <b>120.9</b>	UNICOM <b>122.95</b>
-----------------------	--	---	-------------------------	--------------------------	-------------------------



VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 54).

ZENRU 7000 170° 6500 3.00° TCH 50 2.7 NM to RWY 17 6.5 NM 2.7 NM 2.7 NM

6000 7500 BORUM

CATEGORY	A	B	C	D
LNAV MDA	5640-1¼ 911 (1000-1¼)	5640-2½ 911 (1000-2½)	5640-2¾ 911 (1000-2¾)	5640-3 911 (1000-3)
CIRCLING	5640-1¼ 911 (1000-1¼)	5640-2¾ 911 (1000-2¾)	5640-3 911 (1000-3)	

**HIRL Rwy 8R-26L**  
**MIRL Rwy 17-35 and 8L-26R**  
**REIL Rwy 8L, 17, 26L, 26R and 35**



PUEBLO, COLORADO

WAAS CH <b>53531</b> <b>W26A</b>	APP CRS <b>260°</b>	Rwy Idg <b>10496</b> TDZE <b>4659</b> Apt Elev <b>4729</b>
--	------------------------	--

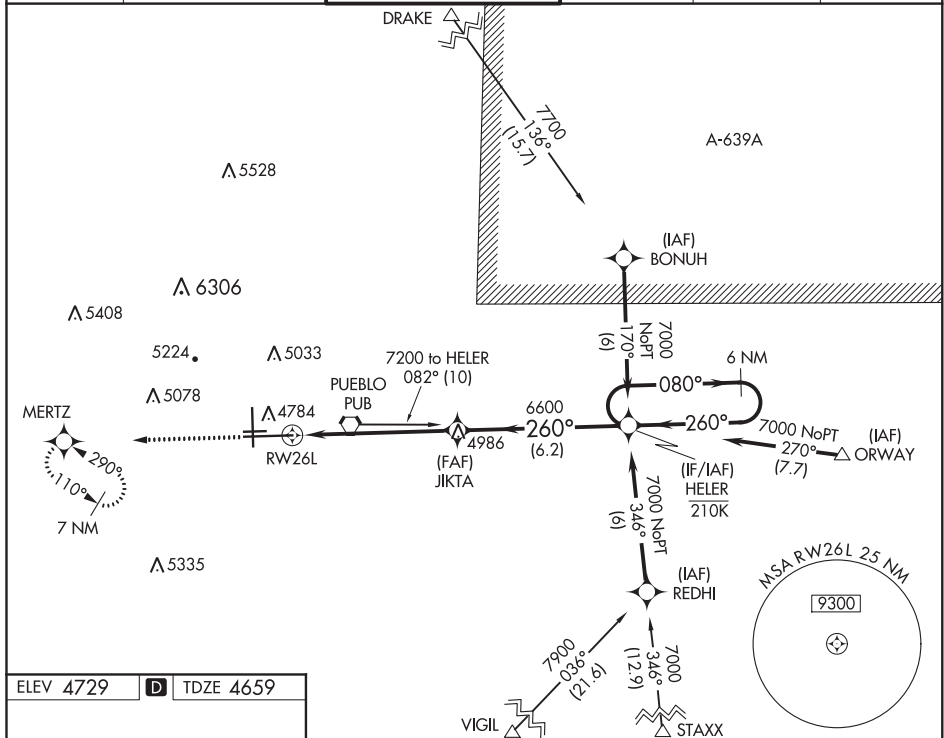
RNAV (GPS) RWY 26L  
PUEBLO MEMORIAL (PUB)

## PUEBLO MEMORIAL (PUB)

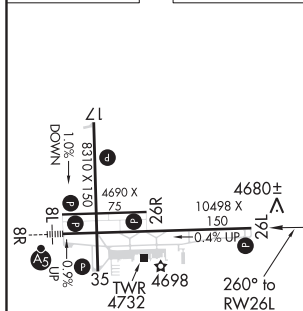
**T** For uncompensated Baro-VNAV systems, procedure NA below  
**A** -22°C (-7°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 7000 direct MERTZ and hold.

ATIS 125.25	DENVER APP CON ★ 120.1 290.5	PUEBLO TOWER ★ 119.1 (CTAF) 0 257.8	GND CON 121.9	CLNC DEL 120.9	UNICOM 122.95
----------------	---------------------------------	--	------------------	-------------------	------------------



ELEV 4729	<b>D</b>	TDZE 4659
-----------	----------	-----------



HIRL Rwy 8R-26L **L**  
MIRL Rwy 17-35 and 8L-26R **L**  
REIL Rwy 8L, 17, 26L, 26R and 35 **L**

VGSJ and RNAV glidepath not coincident (VGSJ Angle 3.00/TCH 62).

6 NM Holding Pattern

7000

HELPER

JIKTA

6600

080°

260°

260°

6600

GP 3.00° TCH 60

\*RNAV only

\*1.4 NM to RW26L

RW26L

1.4

4.5 NM

6.2 NM

CATEGORY	A	B	C	D
LPV DA	4859-3/4	200 (200-3/4)		
RNAV/ VNAV DA	4979-1	320 (300-1)		
RNAV MDA	5100-1	441 (400-1)	5100-1 3/8	441 (400-1 3/8)
<b>C</b> CIRCLING	5340-1	611 (700-1)	5560-2 1/2 831 (900-2 1/2)	5800-3 1071 (1100-3)

PUEBLO, COLORADO

Amdt 1 26MAY16

38°17'N-104°30'W

PUEBLO MEMORIAL (PUB)

## RNAV (GPS) RWY 26L

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







PUEBLO, COLORADO

AL-334 (FAA)

19283

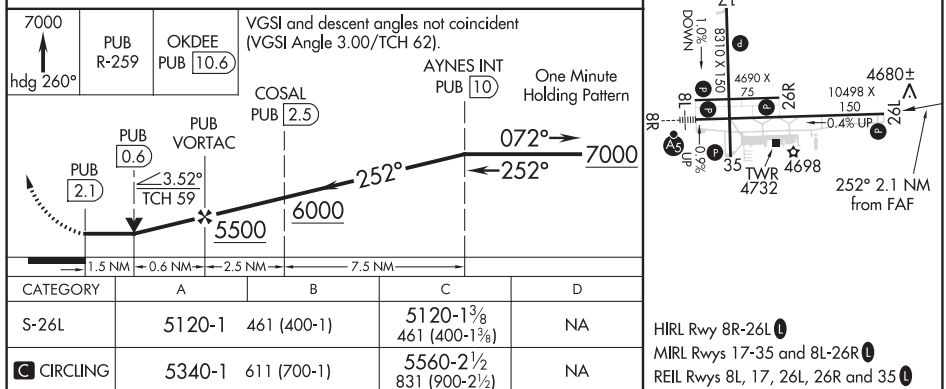
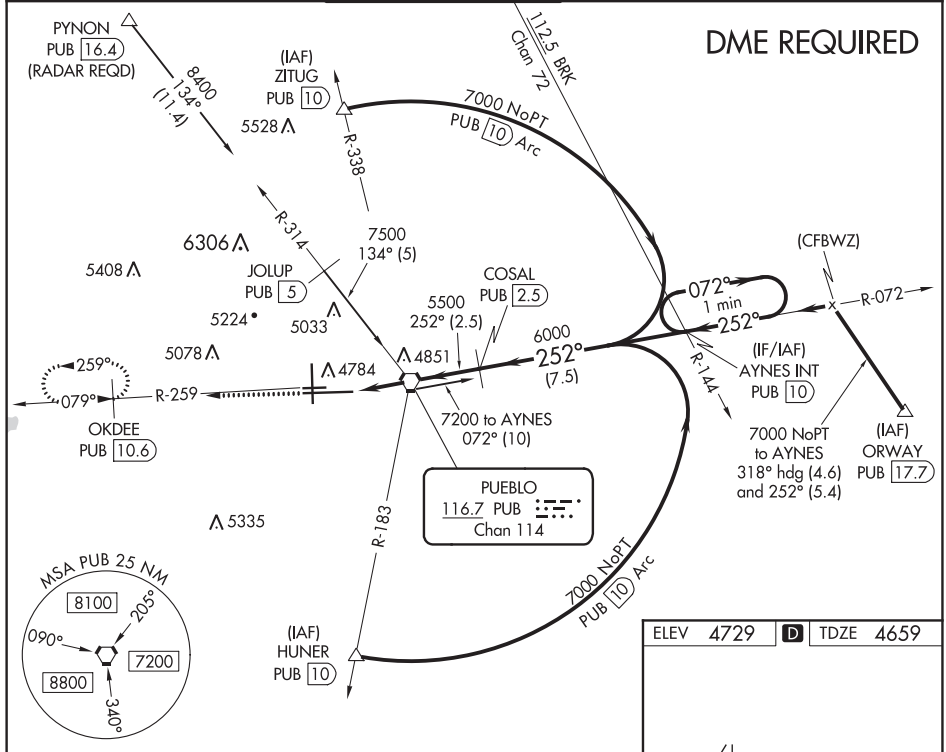
VORTAC PUB <b>116.7</b> Chan <b>114</b>	APP CRS <b>252°</b>	Rwy Idg <b>10496</b> TDZE <b>4659</b> Apt Elev <b>4729</b>
---	------------------------	--

# VOR RWY 26L

PUEBLO MEMORIAL (PUB)

		MISSED APPROACH: Climb to 7000 on heading 260° and on PUB VORTAC R-259 to OKDEE/PUB 10.6 DME and hold.			
--	--	--	--	--	--

ATIS <b>125.25</b>	DENVER APP CON ★ <b>120.1 290.5</b>	PUEBLO TOWER ★ <b>119.1 (CTAF) 0 257.8</b>	GND CON <b>121.9</b>	CLNC DEL <b>120.9</b>	UNICOM <b>122.95</b>
-----------------------	--	---	-------------------------	--------------------------	-------------------------



PUEBLO, COLORADO

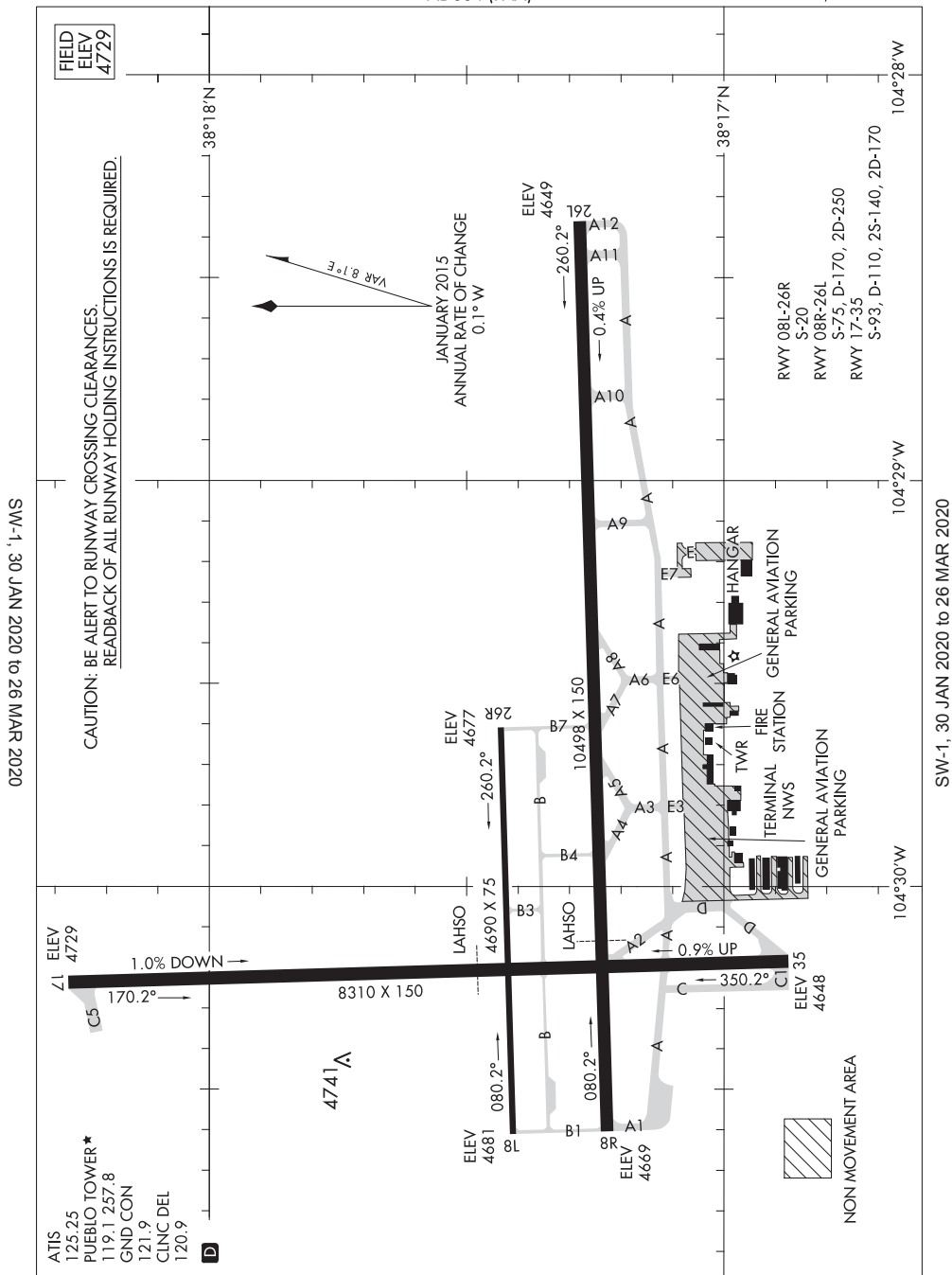
Amdt 1 26MAY16

38°17'N-104°30'W

PUEBLO MEMORIAL (PUB)

VOR RWY 26L



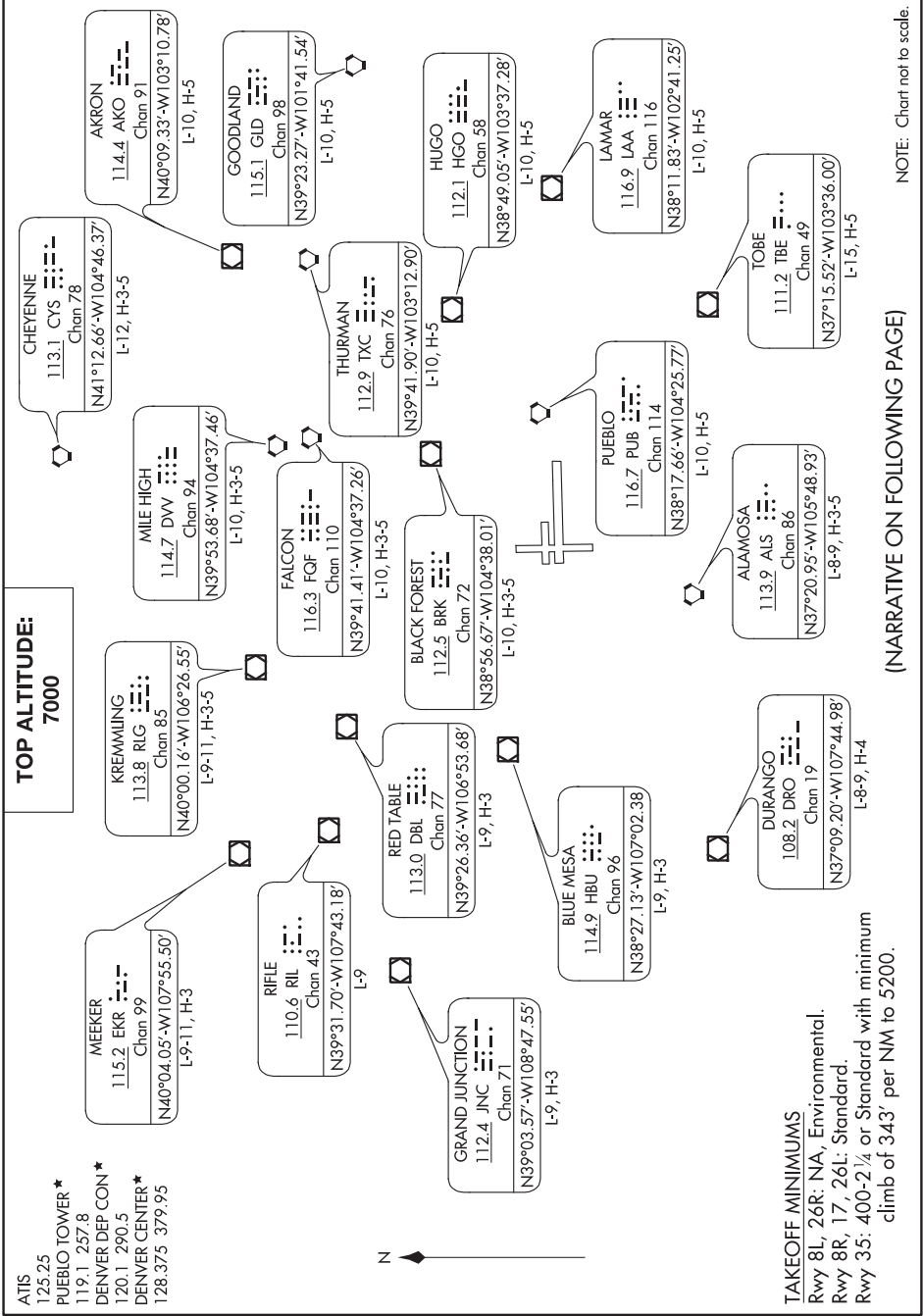




CANYON FOUR DEPARTURE

AL-334 (FAA)

SW-1, 30 JAN 2020 to 26 MAR 2020



SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8R: Climb on assigned heading between 020° CW 100° to 7000 or assigned altitude. Thence. . . .

TAKEOFF RUNWAY 17: Climb on assigned heading between 150° CW 190° to 7000 or assigned altitude. Thence. . . .

TAKEOFF RUNWAY 26L: Climb on assigned heading between 240° CW 275° to 7000 or assigned altitude. Thence. . . .

TAKEOFF RUNWAY 35: Climb on assigned heading between 010° CW 040° to 7000 or assigned altitude. Thence. . . .

. . . . expect RADAR vectors to intercept filed/assigned route or enroute FIX/NAVAID. Maintain assigned altitude, expect filed altitude/flight level 10 minutes after departure.

LOST COMMUNICATIONS

If no transmissions are received within 1 minute after departure, maintain assigned heading until 7000' (Rwy 26L departure will need to turn left direct PUB VORTAC due to antenna NW of departure end), then climb to filed altitude direct PUB VORTAC.

SW-1, 30 JAN 2020 to 26 MAR 2020

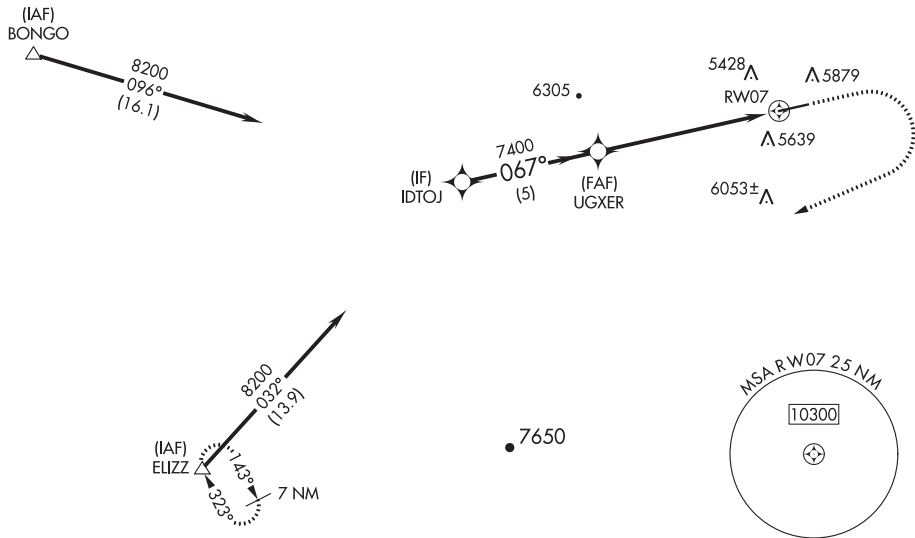
SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) RWY 7  
RANGELY (4VØ)

MISSED APPROACH: Climb to 5700 then climbing right turn to 10800 direct ELIZZ and hold.  
# Missed approach requires a minimum climb of 425 feet per NM to 8200 feet.

Procedure NA for arrival at BONGO  
on V200 westbound.



CATEGORY	A	B	C	D
LPV DA#	5599-1 350 (400-1)			NA
LPV DA	6013-2½ 764 (800-2½)			NA
LNAV/VNAV DA	6041-2½ 792 (800-2½)			NA
LNAV MDA	7180-1¼ 1931 (2000-1¼)	7180-1½ 1931 (2000-1½)	7180-3 1931 (2000-3)	NA
CIRCLING	7180-1¼ 1902 (2000-1¼)	7180-1½ 1902 (2000-1½)	7180-3 1902 (2000-3)	NA

RANGELY (4V0)  
RNAV (GPS) RWY 7

SW-1, 30 JAN 2020 to 26 MAR 2020



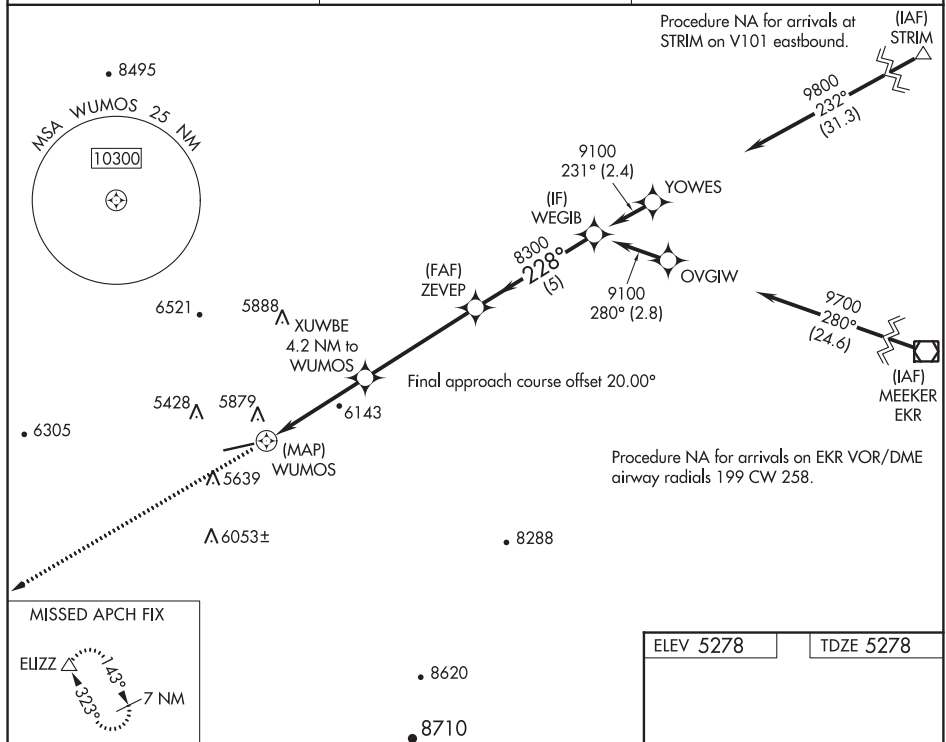
18200

RNAV (GPS) RWY 25  
RANGELY (4V0)

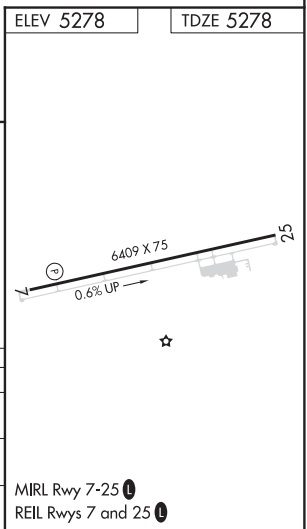
	Rwy 25 helicopter visibility reduction below 1 SM NA.
	Straight-in Rwy 25 NA at night, Circling Rwy 25 NA at night.

**MISSED APPROACH:** Climb to 10800 direct ELIZZ and hold, continue climb-in hold to 10800.

AWOS-3PT <b>119.025</b>	DENVER CENTER <b>134.5 327.8</b>	UNICOM <b>122.8 (CTAF) 0</b>
----------------------------	-------------------------------------	---------------------------------



CATEGORY	A	B	C	D
LP MDA	6400-1¼ 1122 (1200-1¼)	6400-1½ 1122 (1200-1½)	6400-3 1122 (1200-3)	NA
LNAV MDA	6400-1¼ 1122 (1200-1¼)	6400-1½ 1122 (1200-1½)	6400-3 1122 (1200-3)	NA
<b>C</b> CIRCLING	6900-1¼ 1622 (1700-1¼)	6900-1½ 1622 (1700-1½)	7000-3 1722 (1800-3)	NA



RANGELY (4VØ)  
RNAV (GPS) RWY 25

SW-1, 30 JAN 2020 to 26 MAR 2020



(ELIZZ1.ELIZZ) 18200

ELIZZ ONE DEPARTURE (OBSTACLE) (RNAV)

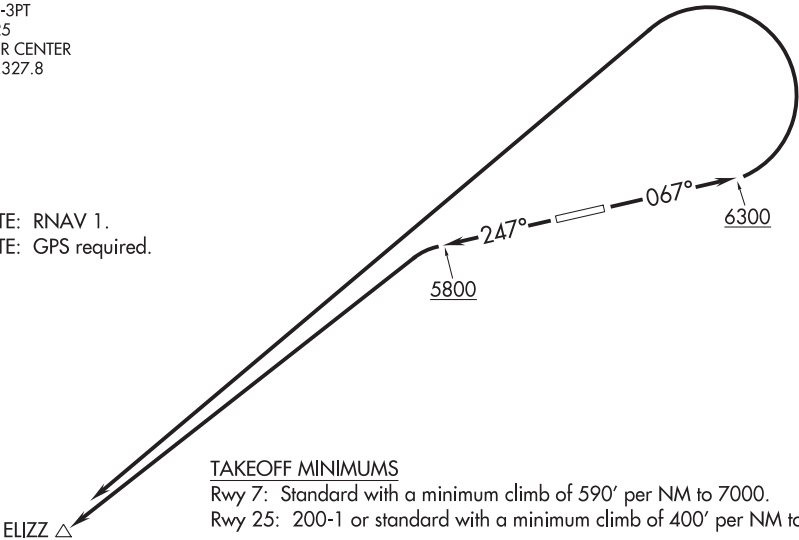
AL-9058 (FAA)

RANGELY (4VØ)

RANGELY, COLORADO

AWOS-3PT  
119.025  
DENVER CENTER  
134.5 327.8

NOTE: RNAV 1.  
NOTE: GPS required.



TAKEOFF MINIMUMS

Rwy 7: Standard with a minimum climb of 590' per NM to 7000.  
Rwy 25: 200-1 or standard with a minimum climb of 400' per NM to 5800.

TAKEOFF OBSTACLE NOTES

- Rwy 7: Fence, navaid, vertical point beginning 23' from DER, 16' right of centerline, up to 6' AGL/5294' MSL.  
Tree, navaid beginning 32' from DER, 78' left of centerline, up to 5281' MSL.  
Pole, wind indicator beginning 80' from DER, 258' left of centerline, up to 18' AGL/5297' MSL.  
Fence, traverse way beginning 352' from DER, 234' right of centerline, up to 1' AGL/5297' MSL.  
Poles beginning 476' from DER, 581' left of centerline, up to 26' AGL/5304' MSL.  
Pole 755' from DER, 584' left of centerline, 37' AGL/5309' MSL.  
Terrain beginning 1.1 NM from DER, 1777' left of centerline, up to 5633' MSL.  
Terrain 1.2 NM from DER, 2529' right of centerline, 5539' MSL.  
Terrain, trees beginning 1.3 NM from DER, 1414' right of centerline, up to 5623' MSL.  
Trees, terrain beginning 1.8 NM from DER, 1414' right of centerline, up to 5806' MSL.  
Trees beginning 1.9 NM from DER, 626' right of centerline, up to 5950' MSL.  
Trees, terrain beginning 2 NM from DER, 407' right of centerline, up to 6007' MSL.  
Terrain beginning 2.1 NM from DER, 1070' left of centerline, up to 5769' MSL.  
Trees, terrain beginning 2.1 NM from DER, 396' right of centerline, up to 6119' MSL.  
Trees, terrain beginning 2.2 NM from DER, 954' left of centerline, up to 5853' MSL.  
Trees beginning 2.3 NM from DER, 393' right of centerline, up to 6158' MSL.  
Trees, terrain beginning 2.3 NM from DER, 616' left of centerline, up to 6018' MSL.  
Trees beginning 2.4 NM from DER, 424' left of centerline, up to 6084' MSL.
- Rwy 25: Vegetation 86' from DER, 363' left of centerline, 5250' MSL.  
Vegetation beginning 141' from DER, 382' left of centerline, up to 5277' MSL.  
Vegetation 326' from DER, 491' left of centerline, 5281' MSL.  
Poles, vegetation, building beginning 424' from DER, 404' left of centerline, up to 26' AGL/5286' MSL.  
Trees 2551' from DER, 306' right of centerline, 5302' MSL.  
Tree 2589' from DER, 80' right of centerline, 5303' MSL.  
Building 3590' from DER, 1369' left of centerline, 29' AGL/5332' MSL.  
Tower 3451' from DER, 1406' left of centerline, 103' AGL/5408 MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb heading 067° to 6300 then climbing left turn direct ELIZZ, thence. . . .  
TAKEOFF RUNWAY 25: Climb heading 247° to 5800 then climbing left turn direct ELIZZ, thence. . . .  
. . . .proceed on course.

ELIZZ ONE DEPARTURE (OBSTACLE) (RNAV)

(ELIZZ1.ELIZZ) 19JUL18

RANGELY, COLORADO

RANGELY (4VØ)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

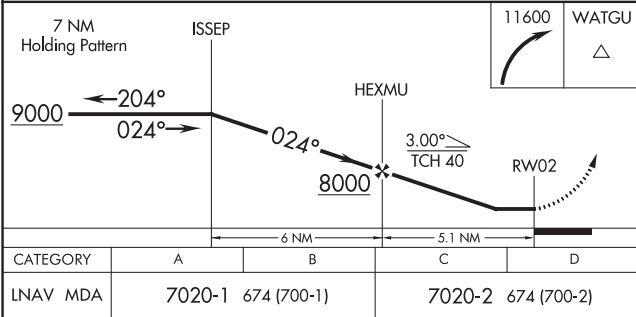
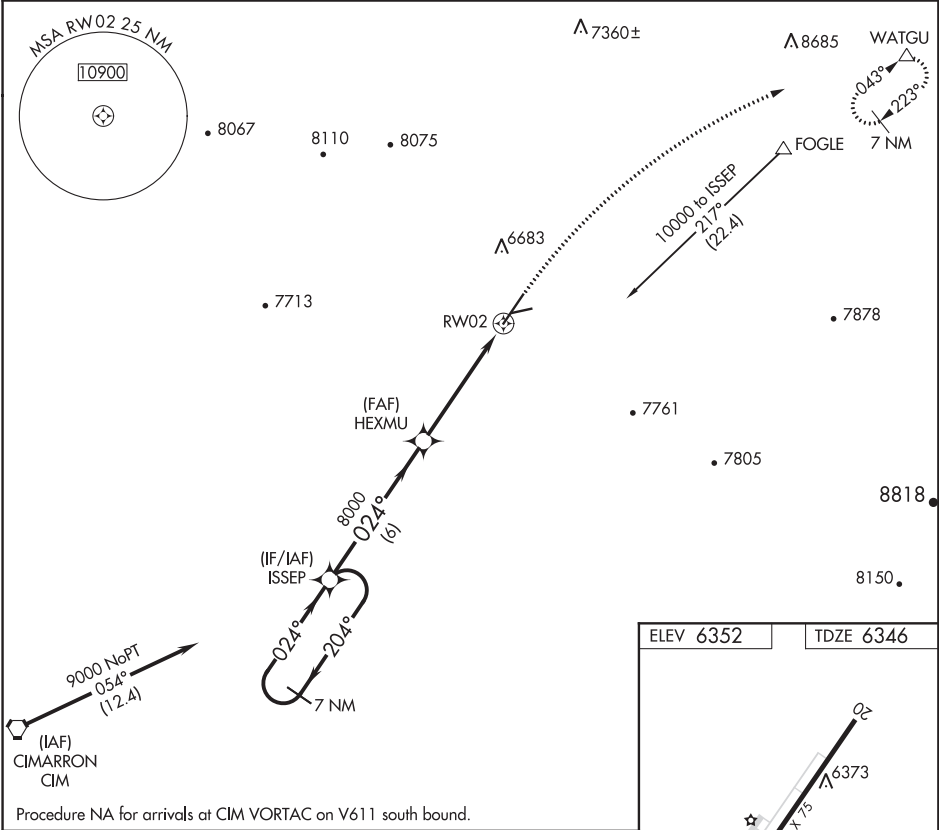


APP CRS	Rwy Idg	7615
024°	TDZE	6346
	Apt Elev	6352

RNAV (GPS) RWY 2  
RATON MUNI/CREWS FIELD (RTN)

RNP APCH.	MISSED APPROACH: Climbing right turn to 11600 direct WATGU and hold, continue climb-in-hold to 11600.
Procedure NA at night. Rwy 2 helicopter visibility reduction below 1 SM NA.	

ASOS 118.375	ALBUQUERQUE CENTER 132.8 346.35	UNICOM 122.8 (CTAF) 0*
-----------------	------------------------------------	---------------------------



MIRL Rwy 2-20 and 7-25 0

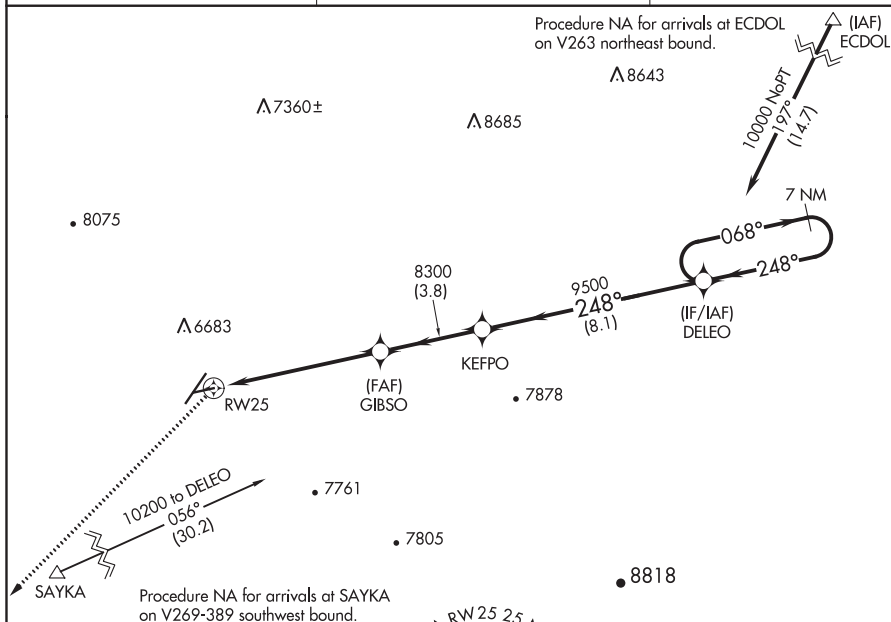
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

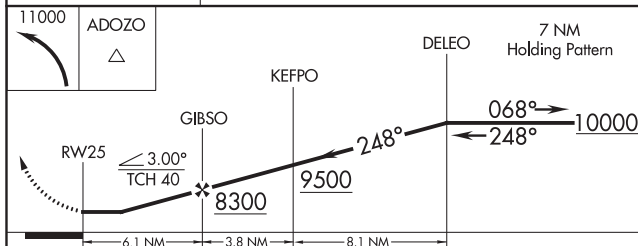
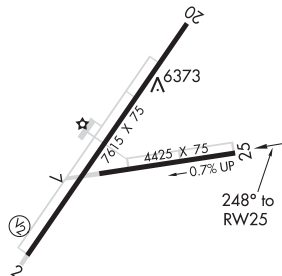


RNAV (GPS) RWY 25  
RATON MUNI/CREWS FIELD (RTN)

**MISSED APPROACH:** Climbing left turn to 11000 direct ADOZO and hold.

UN|COM  
122.8 (CTAF) **L**★

ELEV 6352		TDZE 6338
-----------	--	-----------



CATEGORY	A	B	C	D
RNAV MDA	6760-1	422 (500-1)	6760-1 $\frac{3}{8}$	422 (500-1 $\frac{3}{8}$ )
CIRCLING	6780-1 428 (500-1)	6820-1 468 (500-1)	6820-1 $\frac{1}{2}$ 468 (500-1 $\frac{1}{2}$ )	6920-2 568 (600-2)

MIRL Rwy 2-20 and 7-25 **L**RATON MUNI/CREWS FIELD (RTN)  
RNAV (GPS) RWY 25

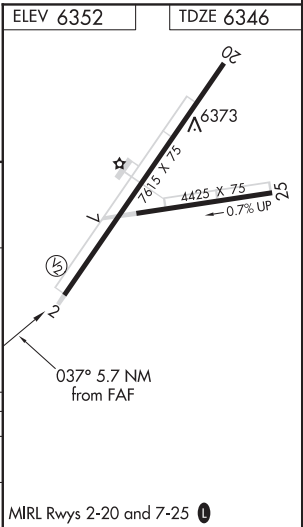
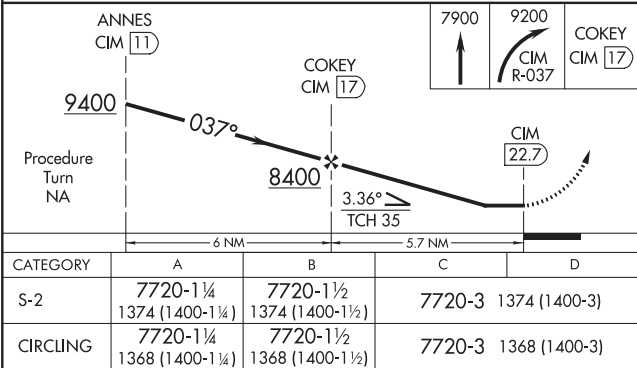
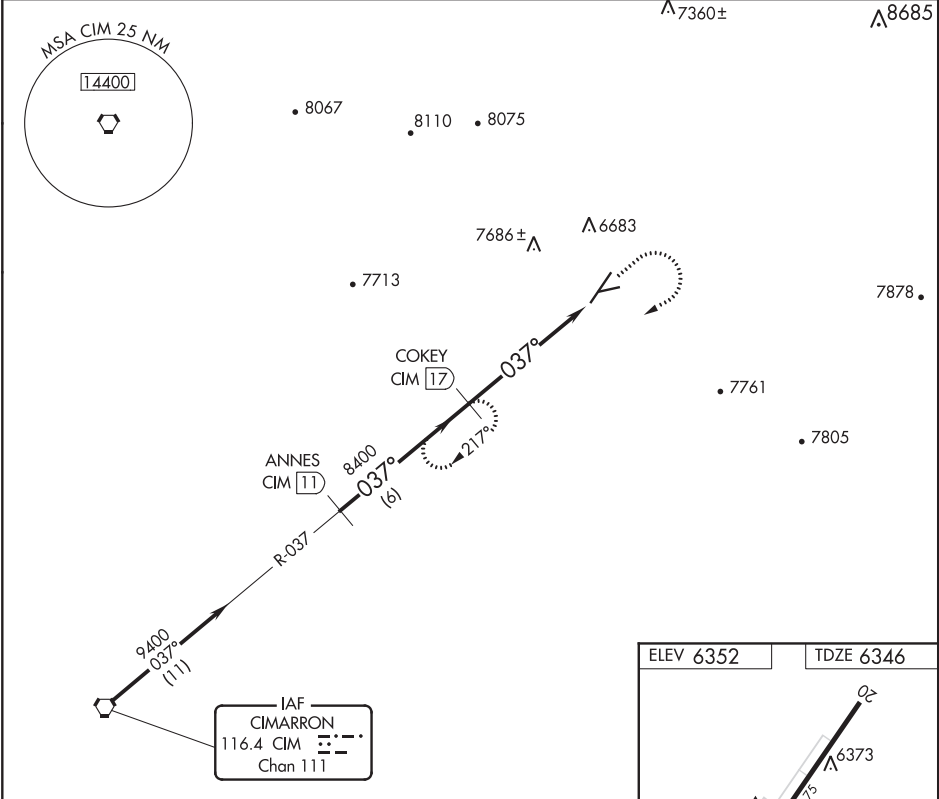


VORTAC CIM <b>116.4</b> Chan <b>111</b>	APP CRS <b>037°</b>	Rwy Idg TDZE Apt Elev <b>7615</b> <b>6346</b> <b>6352</b>
---	------------------------	--

VOR/DME RWY 2  
RATON MUNI/CREWS FIELD (RTN)

<b>⚠</b> Cat. D Circling not authorized west of Rwy 2-20.	MISSED APPROACH: Climb to 7900 then climbing right turn to 9200 via CIM R-037 to COKEY 17 DME and hold.
--	---

ASOS <b>118.375</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	UNICOM <b>122.8</b> (CTAF) <b>0</b> *
------------------------	---	--



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RIFLE, COLORADO

AL-6741 (FAA)

18144

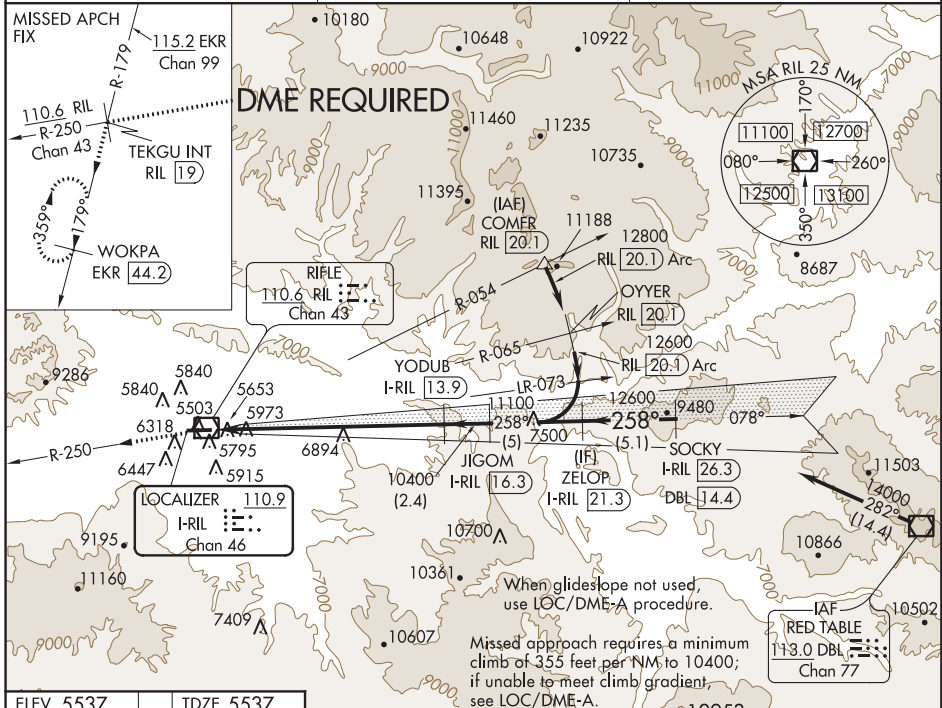
LOC/DME I-RIL <b>110.9</b> Chan <b>46</b>	APP CRS <b>258°</b>	Rwy Idg <b>7000</b> TDZE <b>5537</b> Apt Elev <b>5537</b>
---	------------------------	---

# ILS RWY 26

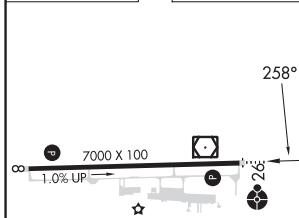
RIFLE GARFIELD COUNTY (RIL)

Visibility reduction by helicopters NA. Use I-RIL DME when on localizer course. -1.5°C DME required. Circling not authorized.	ODALS	MISSED APPROACH: Climb to 13000 on RIL VOR/DME R-250 to TEKGU INT/RIL 19 DME and on EKR VOR/DME R-179 to WOKPA/EKR 44.2 DME and hold.
--	-------	---

ASOS <b>135.275</b>	DENVER CENTER <b>134.95 327.075</b>	UNICOM <b>122.8 (CTAF)</b>
------------------------	--	-------------------------------



ELEV 5537	TDZE 5537
-----------	-----------



	TEKGU INT RIL 19	EKR R-179	WOKPA EKR 44.2	YODUB I-RIL 13.9	JIGOM I-RIL 16.3	ZELOP I-RIL 21.3
	RIL R-250					
				10400	11100	12600
				258°		
				12.6 NM	2.4 NM	5 NM
CATEGORY	A	B	C	D		
S-ILS 26	6800-4	1263 (1300-4)				NA

RIFLE, COLORADO  
Amdt 3B 17AUG17

39°32'N-107°44'W

RIFLE GARFIELD COUNTY (RIL)  
**ILS RWY 26**



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

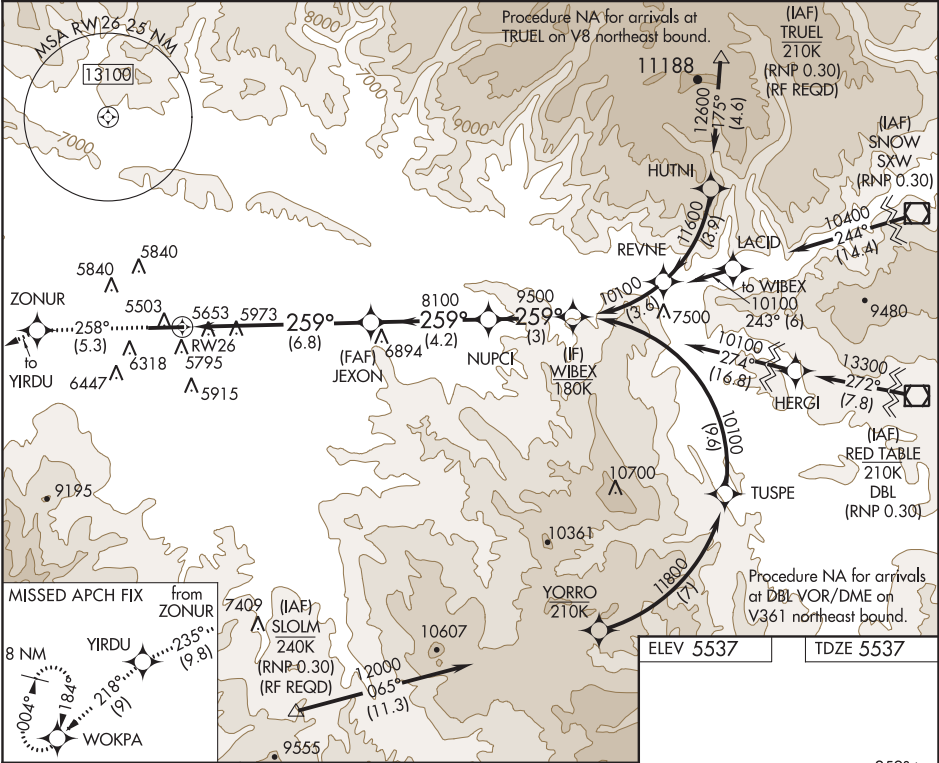


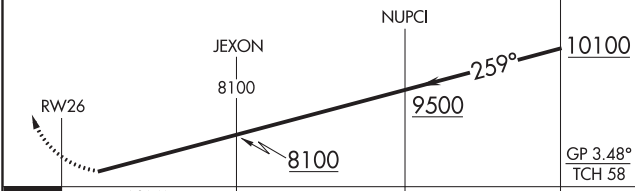
APP CRS	Rwy Idg	7000
259°	TDZE	5537
	Apt Elev	5537

RNAV (RNP) Y RWY 26  
RIFLE GARFIELD COUNTY (RIL)

 When VGSi inoperative, procedure NA at night. For uncompensated Baro-VNAV systems, procedure NA below -24°C (-11°F) or above 38°C (100°F). GPS required.	ODALS 	MISSED APPROACH: Climb to 13000 on track 258° to ZONUR and track 235° to YIRDU and track 218° to WOKPA and hold, continue climb-in-hold to 13000.
---	--	---

ASOS 135.275	DENVER CENTER 134.95 327.075	UNICOM 122.8 (CTAF) 0
-----------------	---------------------------------	--------------------------



13000	ZONUR	tr 258°	tr 235°	YIRDU	tr 218°	WOKPA
						
CATEGORY A B C D						
RNP 0.30 DA 6387-2 1/2 850 (900-2 1/2) NA						
AUTHORIZATION REQUIRED						
HIRL Rwy 8-26 0 REIL Rwy 8 and 26 0						



RIFLE, COLORADO

AL-6741 (FAA)

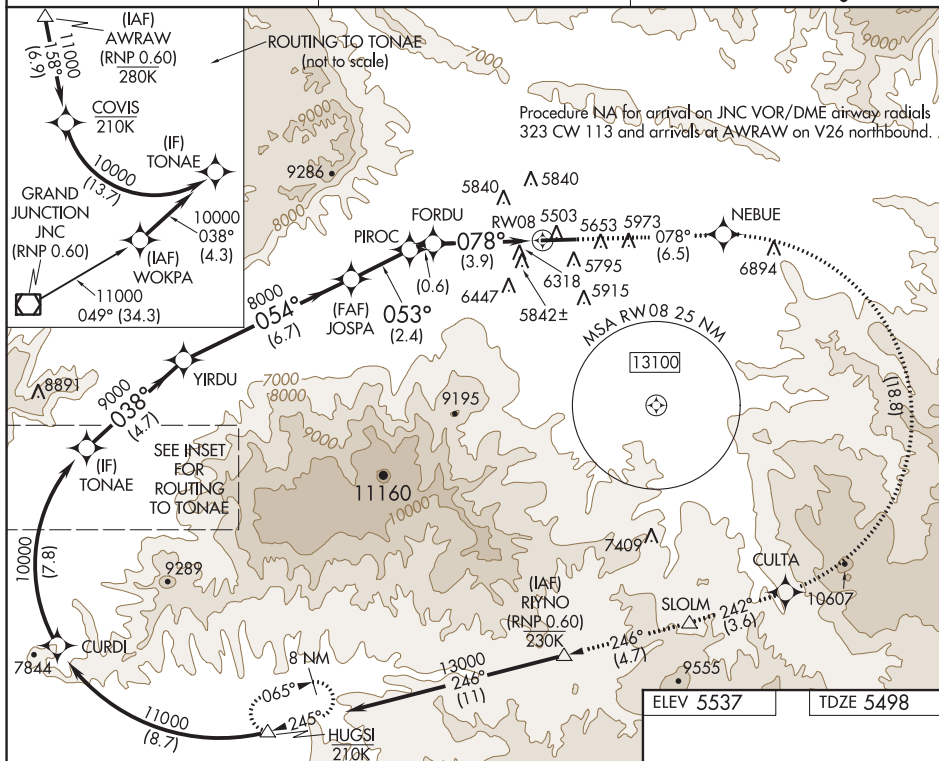
18144

APP CRS	Rwy Idg	<b>7000</b>
<b>078°</b>	TDZE	<b>5498</b>
	Apt Elev	<b>5537</b>

# **RNAV (RNP) Z RWY 8** RIFLE GARFIELD COUNTY (RIL)

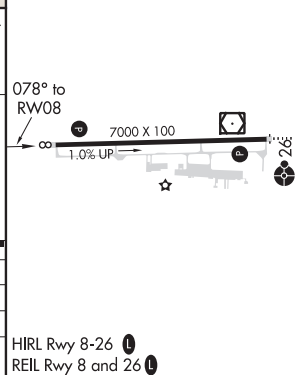
<p><b>V</b> RF and GPS required. Procedure NA for wingspans greater than 136 feet.  <b>A</b> For uncompensated Baro-VNAV systems, procedure NA below -24°C (-11°F) or above 54°C (130°F).  <b>-15°C</b> *Missed approach requires minimum climb of 425 feet per NM to 11300.          **Missed approach requires minimum climb of 425 feet per NM to 10000; if unable, see RNAV (GPS) Y RWY 8.</p>	<p><b>MISSED APPROACH:</b> Climb to 13000 on track 078° to NEBUE, right turn to CULTA, and track 242° to SLOLM and track 246° to RYNO and track 246° to HUGSI and hold.</p>
--	---

ASOS <b>135.275</b>	DENVER CENTER <b>134.95 327.075</b>	UNICOM <b>122.8 (CTAF) 0</b>
------------------------	--	---------------------------------



VGSi and RNAV glidepath not coincident (VGSi Angle 3.00°/TCH 47).																			
TONAE	YIRDU	JOSPA	PIROC	FORDU															
10000	9000	8000	7178	6870															
GP 3.20° TCH 51				RW08															
4.7 NM	6.7 NM	2.4 NM	0.6 NM	3.9 NM															
038°	054°	053°	078°																
<table border="1"> <thead> <tr> <th>CATEGORY</th><th>A</th><th>B</th><th>C</th><th>D</th></tr> </thead> <tbody> <tr> <td>RNP 0.10 DA*</td><td>5748-1</td><td>250 (300-1)</td><td></td><td>NA</td></tr> <tr> <td>RNP 0.30 DA**</td><td>6391-3</td><td>893 (900-3)</td><td></td><td>NA</td></tr> </tbody> </table>					CATEGORY	A	B	C	D	RNP 0.10 DA*	5748-1	250 (300-1)		NA	RNP 0.30 DA**	6391-3	893 (900-3)		NA
CATEGORY	A	B	C	D															
RNP 0.10 DA*	5748-1	250 (300-1)		NA															
RNP 0.30 DA**	6391-3	893 (900-3)		NA															

## AUTHORIZATION REQUIRED


 RIFLE, COLORADO  
 Amdt 1B 17AUG17

39°32'N-107°44'W

 RIFLE GARFIELD COUNTY (RIL)  
**RNAV (RNP) Z RWY 8**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS	Rwy Idg	7000
259°	TDZE	5537
	Apt Elev	5537

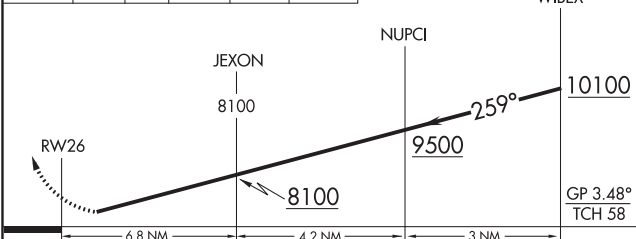
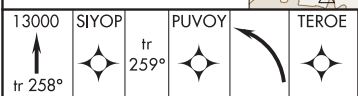
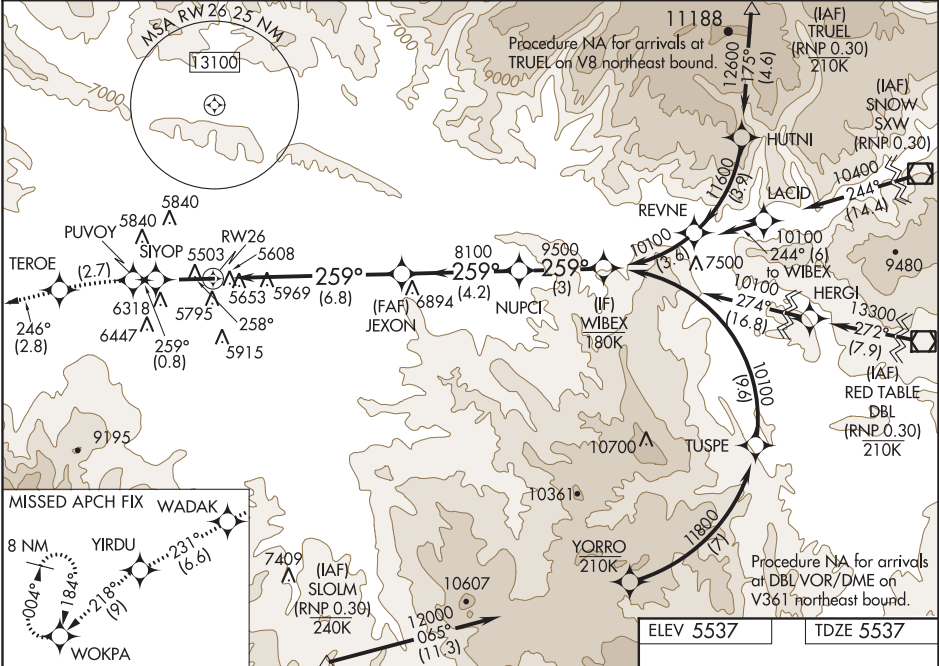
# RNAV (RNP) Z RWY 26

RIFLE GARFIELD COUNTY (RIL)

When VGSi inoperative, procedure NA at night. RF required. GPS required. Missed approach requires RNP less than 1.0. For uncompensated Baro-VNAV systems, procedure NA below -24°C (-11°F) or above 38°C (100°F).  
\* Missed approach requires minimum climb of 398 feet per NM to 9100.

MISSED APPROACH: Climb to 13000 on track 258° to SIYOP and track 259° to PUVVOY left turn to TEROE and track 246° to WADAK and track 231° to YIRDU and track 218° to WOKPA and hold, continue climb-in-hold to 13000.

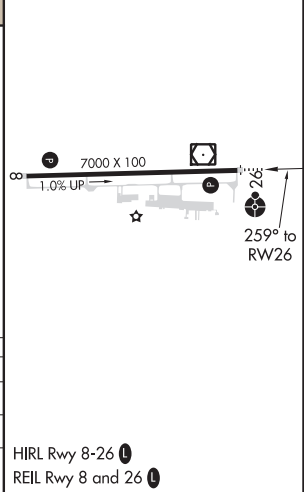
ASOS 135.275	DENVER CENTER 134.95 327.075	UNICOM 122.8 (CTAF)
-----------------	---------------------------------	------------------------



CATEGORY	A	B	C	D
RNP 0.10 DA*	5955-1	418 (500-1)		NA
RNP 0.30 DA	6387-2½	850 (900-2½)		NA

## AUTHORIZATION REQUIRED

ELEV 5537	TDZE 5537
-----------	-----------




SW-1, 30 JAN 2020 to 26 MAR 2020

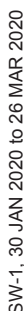
SW-1, 30 JAN 2020 to 26 MAR 2020



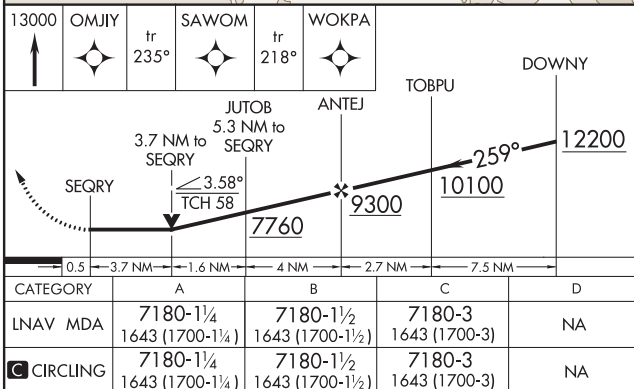
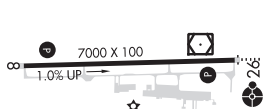
# RNAV (GPS) W RWY 26

<p>ODALS</p> 	<p><b>MISSED APPROACH:</b> Climb to 13000 direct OMJIY and on track 235° to SAWOM and on track 218° to WOKPA and hold, continue climb-in-hold to 13000.</p>
--	---

UNICOM  
122.8 (CTAF) **L**



TDZE 5537



RIFLE GARFIELD COUNTY (RIL)  
RNAV (GPS) W RWY 26



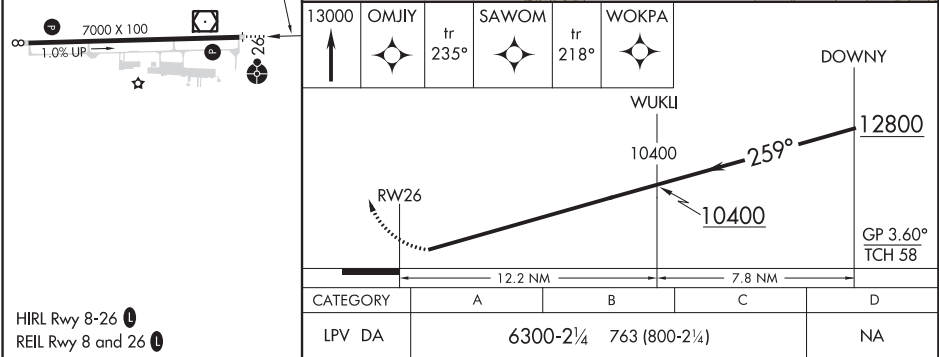
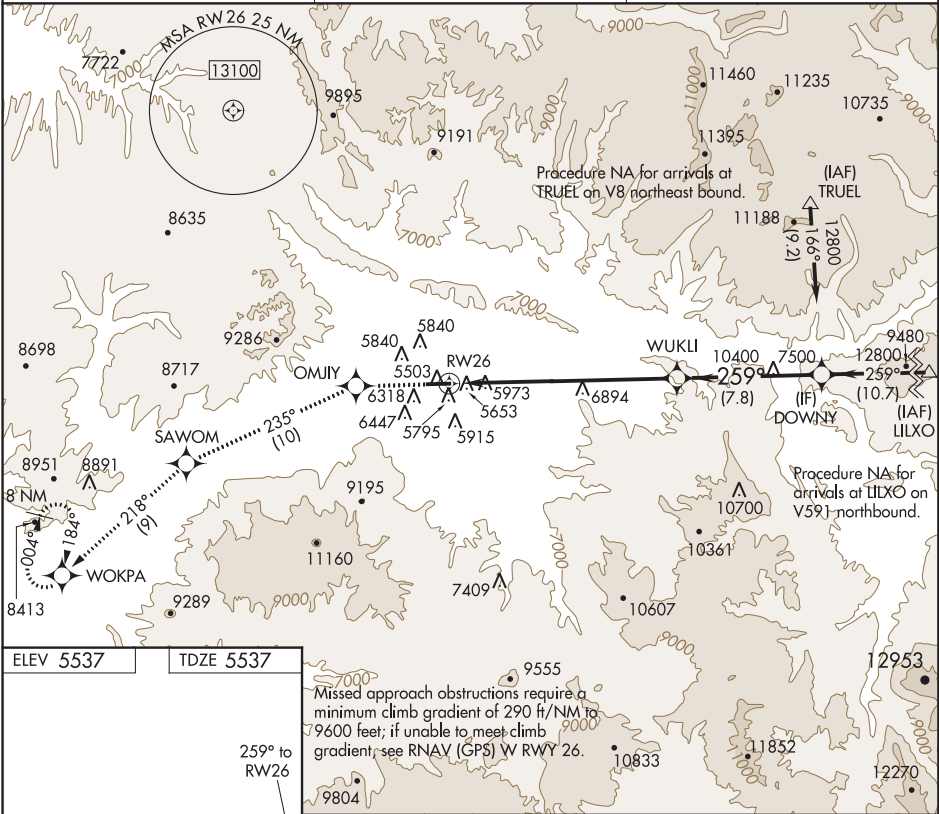
WAAS CH <b>93708</b> <b>W26A</b>	APP CRS <b>259°</b>	Rwy Idg TDZE Apt Elev	<b>7000</b> <b>5537</b> <b>5537</b>
--	------------------------	-----------------------------	---

RNAV (GPS) X RWY 26

RIFLE GARFIELD COUNTY (RIL)

<div><div><div>NA</div><div>-15°C</div></div></div> <div>DME/DME RNP- 0.3 NA.</div>	<div>ODALS</div> <div><div></div></div>	MISSED APPROACH: Climb to 13000 direct OMJY and on track 235° to SAWOM and on track 218° to WOKPA and hold, continue climb-in-hold to 13000.
---	---	--

ASOS <b>135.275</b>	DENVER CENTER <b>134.95 327.075</b>	UNICOM <b>122.8 (CTAF)</b>
------------------------	--	-------------------------------





RIFLE, COLORADO

AL-6741 (FAA)

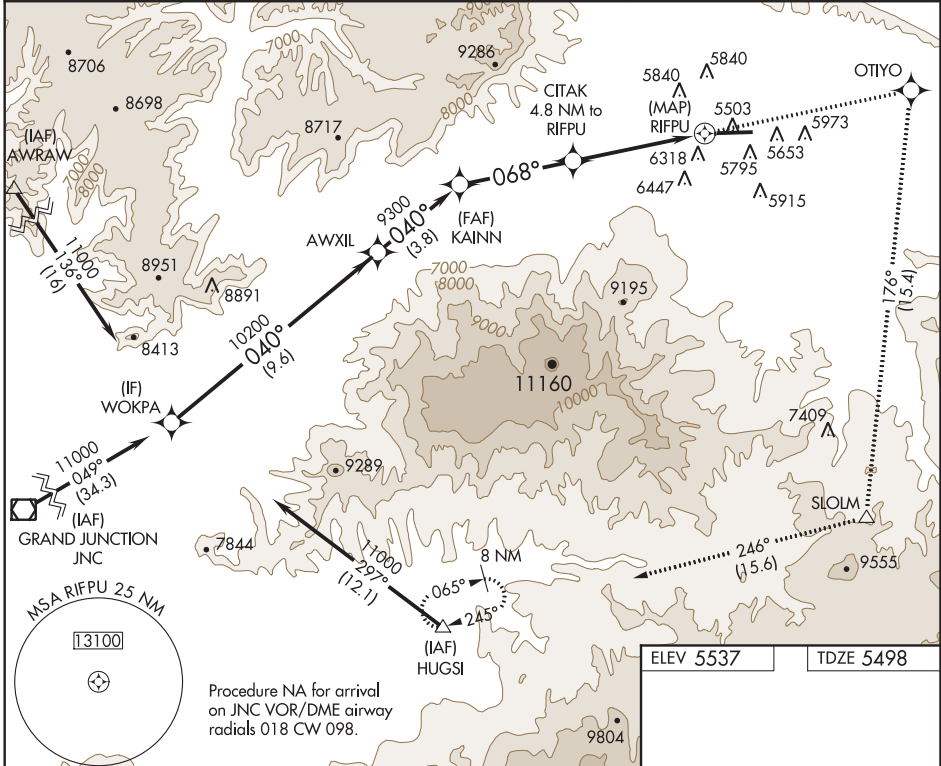
20002

APP CRS	Rwy Idg	<b>7000</b>
<b>068°</b>	TDZE	<b>5498</b>
	Apt Elev	<b>5537</b>

# **RNAV (GPS) Y RWY 8** RIFLE GARFIELD COUNTY (RIL)

 DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. -1.5°C Circling NA south of Rwy 8-26 at night.	<b>MISSED APPROACH:</b> Climb to 13000 direct OTIYO and right turn on track 176° to SLOLM and on track 246° to HUGSI and hold, continue climb-in-hold to 13000.
---	---

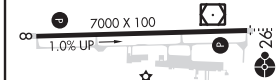
ASOS <b>135.275</b>	DENVER CENTER <b>134.95 327.075</b>	UNICOM <b>122.8 (CTAF)</b>
------------------------	--	-------------------------------



VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 47).				
<div> <div>WOKPA</div> <div>11000</div> <div>Procedure Turn NA</div> </div> <div> <div>AWWIL</div> <div>10200</div> </div> <div> <div>KAINN</div> <div>9300</div> <div>3.77° TCH 47</div> </div> <div> <div>CITAK</div> <div>4.8 NM to RIFPU</div> </div> <div> <div>RIFPU</div> <div>7640</div> </div> <div> <div>OTIYO</div> <div>13000</div> </div> <div> <div>SLOLM</div> <div>tr 176°</div> </div> <div> <div>HUGSI</div> <div>tr 246°</div> </div>				
<div> <div>9.6 NM</div> <div>3.8 NM</div> <div>4.2 NM</div> <div>4.8 NM</div> <div>0.5 NM</div> </div>				
CATEGORY	A	B	C	D
LNAV MDA	7420-1¼ 1922 (1900-1¼)	7420-1½ 1922 (1900-1½)	7420-3 1922 (1900-3)	NA
CIRCLING	7420-1¼ 1883 (1900-1¼)	7420-1½ 1883 (1900-1½)	7420-3 1883 (1900-3)	NA

ELEV 5537

TDZE 5498



HIRL Rwy 8-26

REIL Rwy 8 and 26

 RIFLE, COLORADO  
 Amdt 1B 02JAN20

39°32'N-107°44'W

 RIFLE GARFIELD COUNTY (RIL)  
**RNAV (GPS) Y RWY 8**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

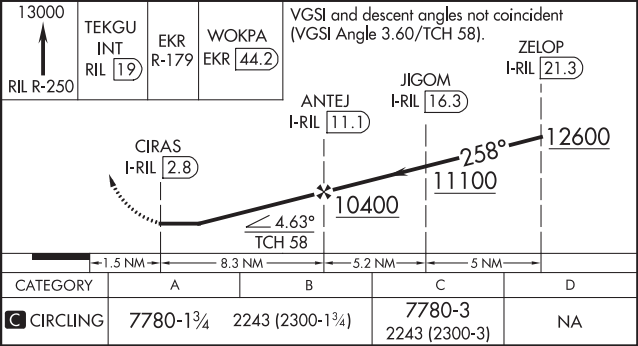
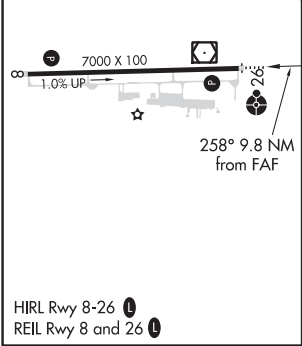
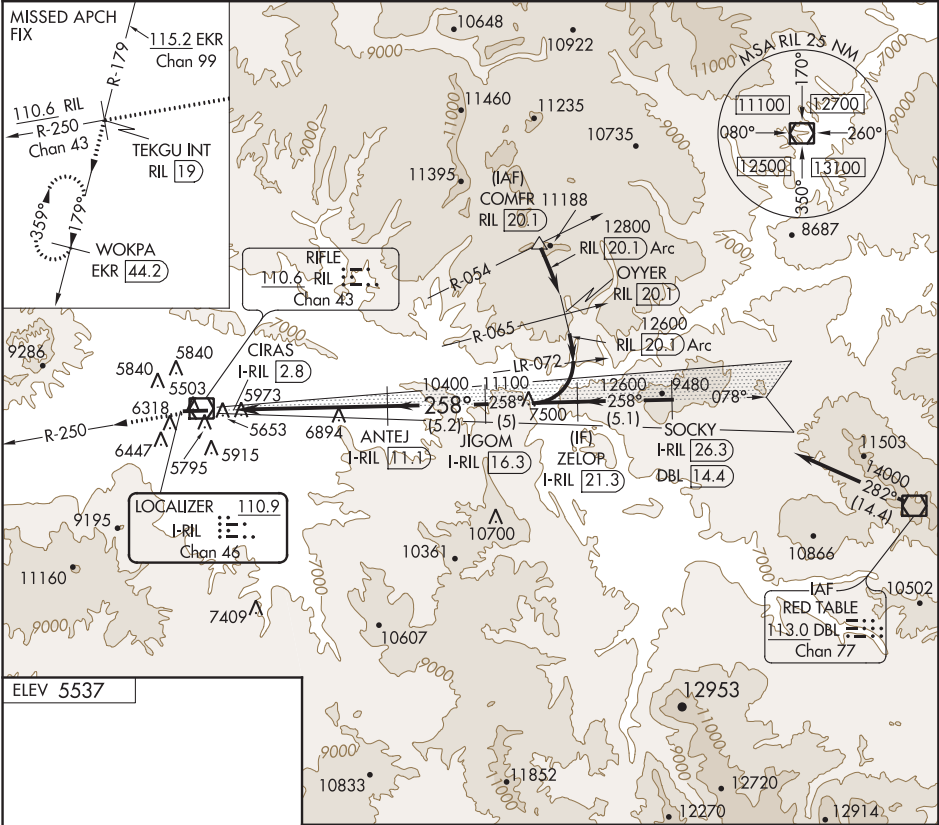


LOC/DME I-RIL <b>110.9</b> Chan <b>46</b>	APP CRS <b>258°</b>	Rwy Idg TDZE Apt Elev <b>5537</b>	<b>N/A</b> <b>N/A</b>
---	------------------------	--	--------------------------

LOC/DME-A  
RIFLE GARFIELD COUNTY (RIL)

Visibility reduction by helicopters NA. Use I-RIL DME when on localizer course. -15°C Circling NA south of Rwy 8-26 at night.	MISSED APPROACH: Climb to 13000 on RIL VOR/DME R-250 to TEKGU INT/RIL 19 DME and on EKR VOR/DME R-179 to WOKPA/EKR 44.2 DME and hold, continue dimb-in-hold to 13000.
--	---

ASOS <b>135.275</b>	DENVER CENTER <b>134.95 327.075</b>	UNICOM <b>122.8 (CTAF)</b>
------------------------	--	-------------------------------





RIFLE, COLORADO

AL-6741 (FAA)

20002

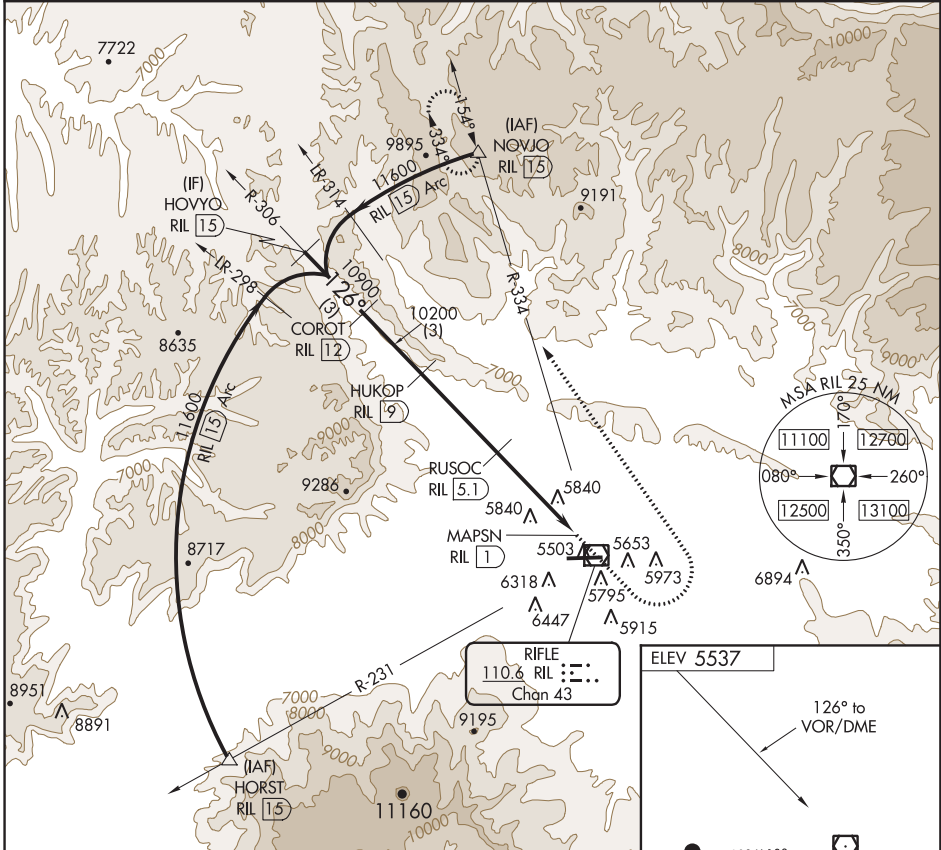
VOR/DME RIL <b>110.6</b> Chan 43	APP CRS <b>126°</b>	Rwy Idg TDZE Apt Elev <b>N/A</b> <b>N/A</b> <b>5537</b>
--	------------------------	--

# VOR/DME-C

## RIFLE GARFIELD COUNTY (RIL)

Circling NA south of Rwy 8-26 at night. -15°C	<b>MISSED APPROACH:</b> Climb to 8500 then climbing left turn 12000 on heading 305° and RIL VOR/DME R-334 to NOVJO/15 DME and hold, continue climb-in-hold to 12400.
--	--

ASOS <b>135.275</b>	DENVER CENTER <b>134.95 327.075</b>	UNICOM <b>122.8 (CTAF)</b>
------------------------	--	-------------------------------



HOVYO RIL 15	COROT RIL 12	HUKOP RIL 9	8500 12000 hdg 305°	NOVJO RIL R-334
11600	10900	10200	8800	RIL VOR/DME
3 NM	3 NM	3.9 NM	4.1 NM	
CATEGORY	A	B	C	D
CIRCLING	7360-1¼ 1823 (1900-1¼)	7360-1½ 1823 (1900-1½)	7360-3 1823 (1900-3)	NA
RIFLE, COLORADO Amdt 3B 02JAN20				RIFLE GARFIELD COUNTY (RIL) VOR/DME-C

HIRL Rwy 8-26

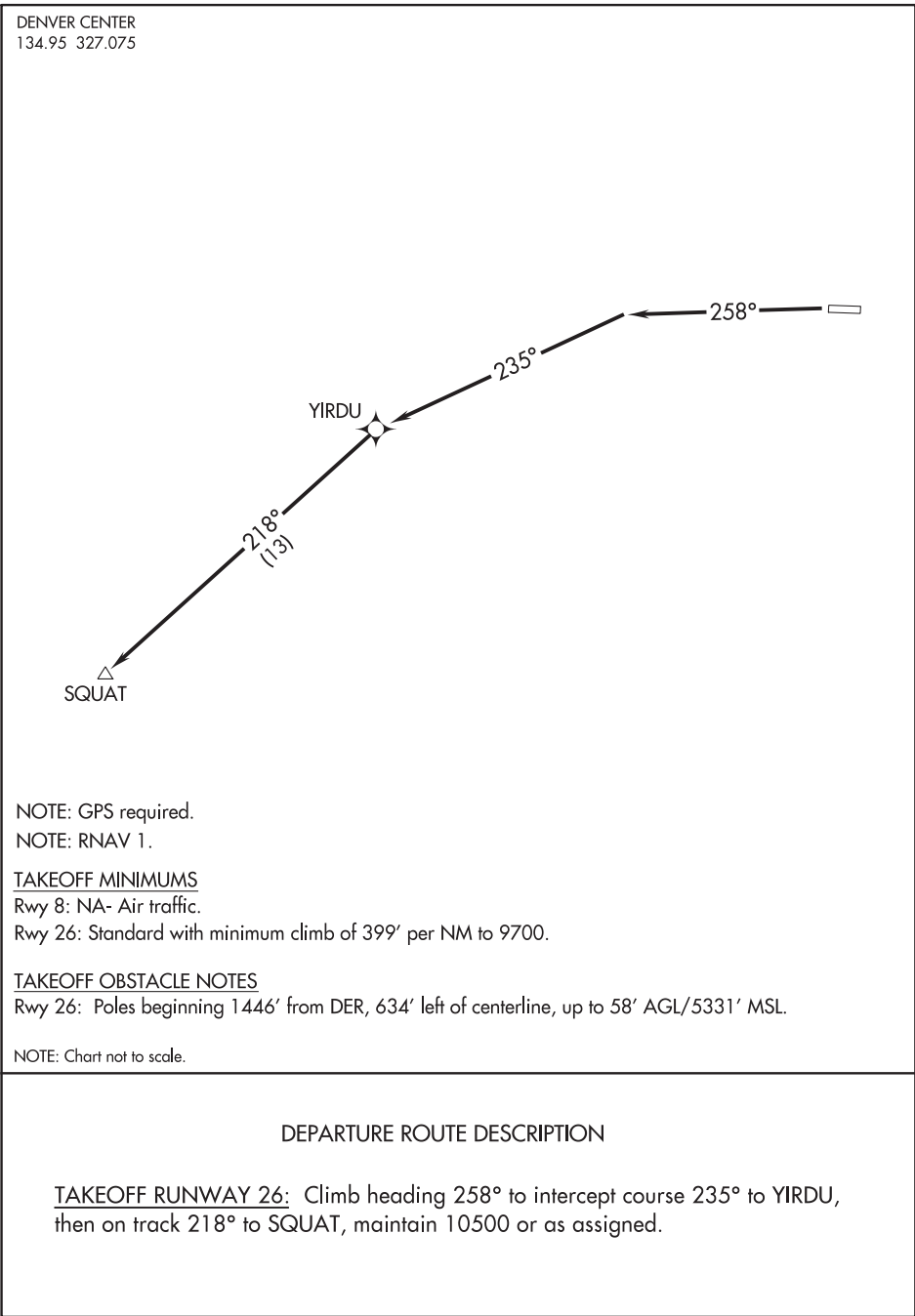
REIL Rwy 8 and 26

39°32'N-107°44'W

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







(EDUKY5.EDUKY) 18060

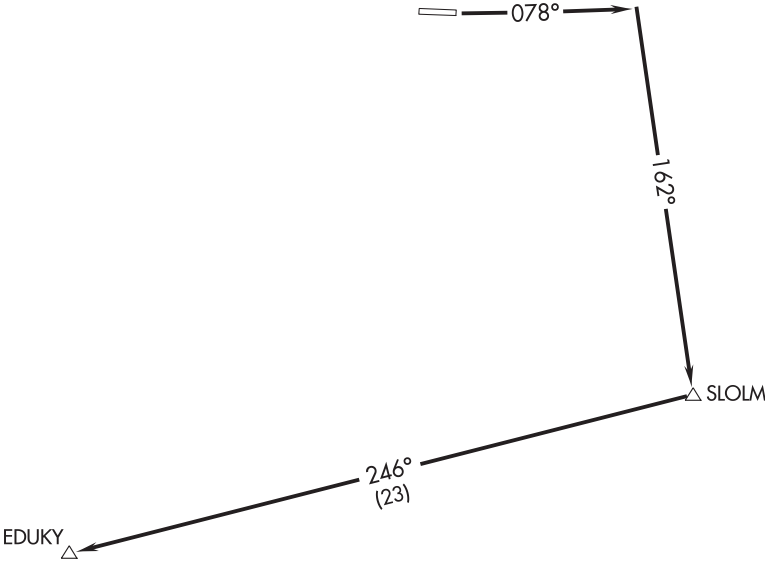
EDUKY FIVE DEPARTURE (RNAV)

AL-6741 (FAA)

RIFLE GARFIELD COUNTY (RIL)  
RIFLE, COLORADO

DENVER CENTER  
134.95 327.075

**TOP ALTITUDE:**  
**14000**



NOTE: RNAV 1.  
NOTE: GPS required.

TAKEOFF MINIMUMS

Rwy 26: NA- ATC.  
Rwy 8: Standard with a minimum climb of 396' per NM to 11100.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

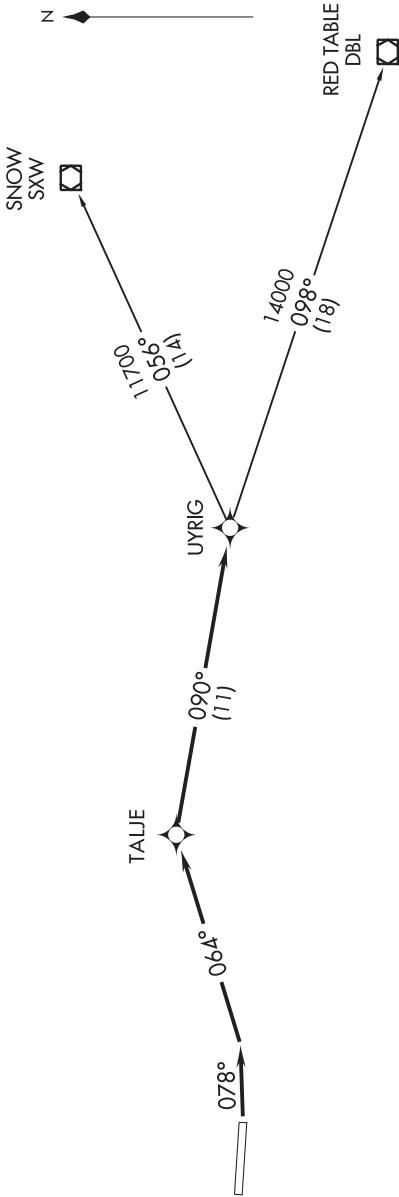
TAKEOFF RUNWAY 8: Climb heading 078° to intercept course 162° to SLOLM, then on track 246° to EDUKY, thence. . . .  
  
. . . .on assigned route, maintain 14000, expect clearance to assigned altitude 10 minutes after departure.



SW-1, 30 JAN 2020 to 26 MAR 2020

DENVER CENTER  
134.95 327.075

TOP ALTITUDE:  
14000



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 078° to intercept course 064° to TALIE, then on track 090° to UYRIG, thence. . . .  
...on transition or assigned route. Maintain 14000, expect clearance to assigned altitude 10 minutes after departure.

RED TABLE TRANSITION (UYRIG5.DBL)  
SNOW TRANSITION (UYRIG5.SXW)

NOTE: RNAV 1.  
NOTE: GPS required.  
TAKEOFF MINIMUMS  
Rwy 26: NA - ATC.  
Rwy 8: Standard with minimum climb of 335' per NM to 10000.

NOTE: Chart not to scale.

SW-1, 30 JAN 2020 to 26 MAR 2020

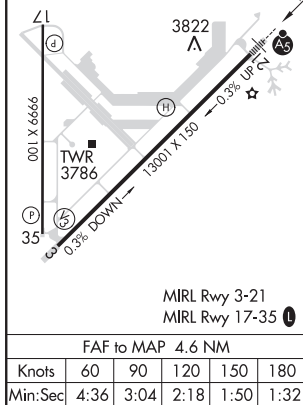
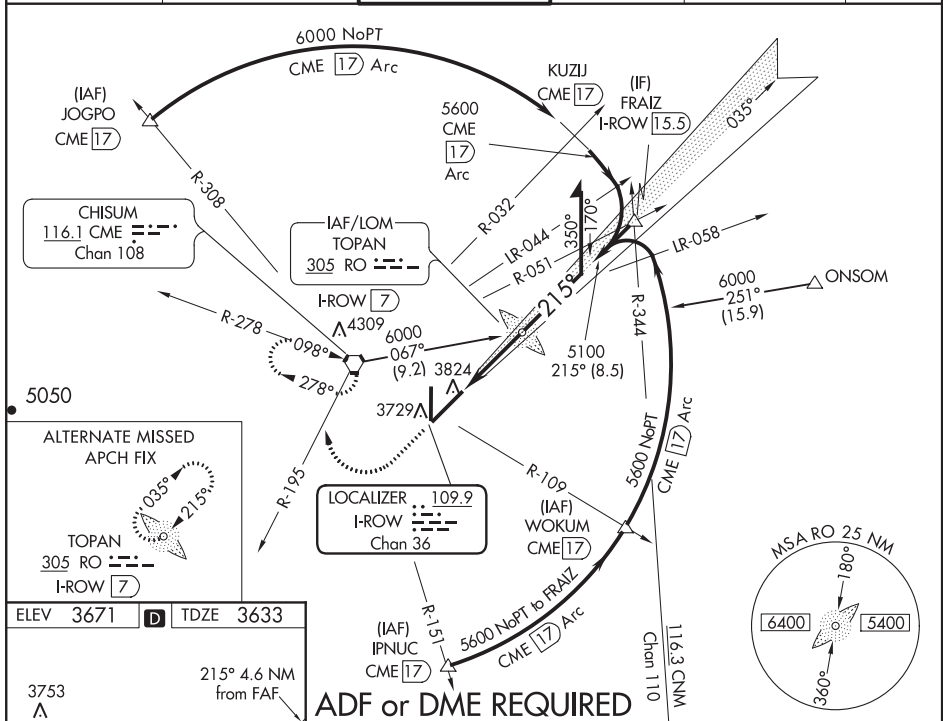


ILS or LOC RWY 21  
ROSWELL INTL AIR CENTER (ROW)

MALSR  
A5

**MISSED APPROACH:** Climb to 5000 then climbing right turn to 6000 on CME VORTAC R-195 to CME VORTAC and hold.

ATIS 128.45 306.2	ROSWELL APP CON★ 119.6 239.0	ROSWELL TOWER★ 118.5 (CTAF) 0 233.7	GND CON 121.9 348.6	CLNC DEL 132.875 282.25	UNICOM 122.95
----------------------	---------------------------------	--	------------------------	----------------------------	------------------



5000  
↑

6000  
CME R-195

CME

TOPAN LOM  
I-ROW 7

Remain within 10 NM

035°

5018

5100

215°

5600

GS 2.70°  
TCH 61

\* LOC only.

\* I-ROW 2.4

\* I-ROW 3.5

1.1 NM

3.5 NM

Use I-ROW DME when on LOC course.

CATEGORY	A	B	C	D
S-ILS 21	3833-½ 200 (200-½)			
S-LOC 21	4020-½ 387 (400-½)	4020-⅝ 387 (400-⅝)		
CIRCLING	4140-1 469 (500-1)	4140-1½ 469 (500-1½)	4240-2 569 (600-2)	



WAAS CH <b>50202</b> <b>W03A</b>	APP CRS <b>035°</b>	Rwy Idg <b>13001</b> TDZE <b>3667</b> Apt Elev <b>3671</b>
--	------------------------	--

RNAV (GPS) RWY 3

ROSWell INTL AIR CENTER (ROW)

⚠

ASR

DME/DME RNP-0.3 NA.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 41°C (106°F).

If local altimeter setting not received, use Artesia altimeter setting and increase all DAs/MDAs 100 feet.

VDP and Baro-VNAV NA when using Artesia altimeter setting.

MISSED APPROACH: Climb to 6000 direct AQZED and hold.

ATIS <b>128.45 306.2</b>	ROSWell APP CON ★ <b>119.6 239.0</b>	ROSWell TOWER ★ <b>118.5 (CTAF) 233.7</b>	GND CON <b>121.9 348.6</b>	CLNC DEL <b>132,875 282.25</b>	UNICOM <b>122.95</b>
-----------------------------	---	--	-------------------------------	-----------------------------------	-------------------------

5 NM Holding Pattern				
GICEC				
LIKIC				
CUSIL				
*1.3 NM to RW03				
*LNAV only				
GP 3.00° TCH 50				
3.8 NM 2.5 NM 3.6 NM 1.3 NM				
CATEGORY	A	B	C	D
LPV DA	3917-3/4 250 (300-3/4)			
LNAV/VNAV DA	3987-1 320 (400-1)			
LNAV MDA	4140-1	473 (500-1)	4140-1 1/4 473 (500-1 1/4)	4140-1 1/2 473 (500-1 1/2)
CIRCLING	4140-1	469 (500-1)	4140-1 1/2 469 (500-1 1/2)	4240-2 569 (600-2)

ROSWell, NEW MEXICO

Orig 28SEP06

33°18'N-104°32'W

513

ROSWell INTL AIR CENTER (ROW)

RNAV (GPS) RWY 3



ROSWELL, NEW MEXICO

AL-354 (FAA)

18200

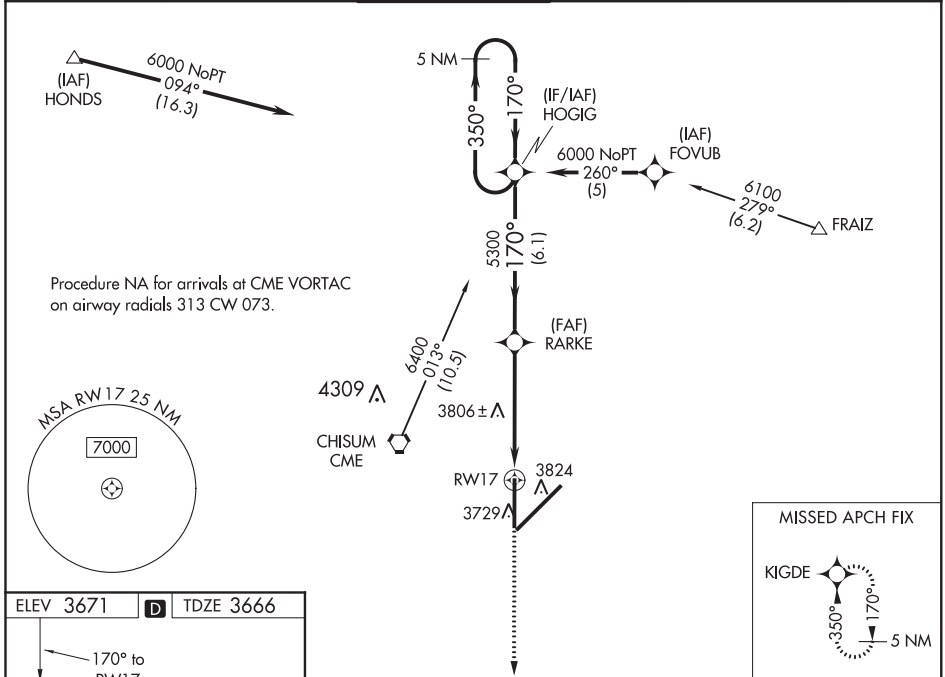
WAAS CH <b>65702</b> <b>W17A</b>	APP CRS <b>170°</b>	Rwy Idg TDZE <b>3666</b> Apt Elev <b>3671</b>
--	------------------------	---

# RNAV (GPS) RWY 17

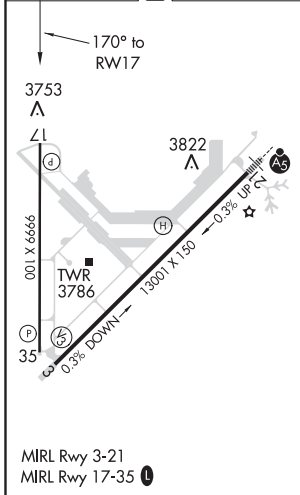
ROSWELL INTL AIR CENTER (ROW)

<b>DME/DME RNP-0.3 NA.</b> <b>ASR</b> For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 41°C (106°F). If local altimeter setting not received, use Artesia altimeter setting and increase all DAs/MDAs 100 feet. VDP and Baro-VNAV NA when using Artesia altimeter setting.	<b>MISSED APPROACH:</b> Climb to 6000 direct KIGDE and hold.
--	--

ATIS <b>128.45 306.2</b>	ROSWELL APP CON* <b>119.6 239.0</b>	ROSWELL TOWER* <b>118.5 (CTAF) 233.7</b>	GND CON <b>121.9 348.6</b>	CLNC DEL <b>132.875 282.25</b>	UNICOM <b>122.95</b>
-----------------------------	--	---	-------------------------------	-----------------------------------	-------------------------



ELEV 3671	D	TDZE 3666
-----------	---	-----------



6000

KIGDE

↑

✦

\*LNAV only

RW17

1.3 NM

1.3 NM to RW17

RARKE

HOGIG

5 NM Holding Pattern

350° →

← 170°

6000

5300

GP 3.00° TCH 50

1.3 NM

3.6 NM

6.1 NM

CATEGORY	A	B	C	D
LPV DA	3916- <sup>3</sup> / <sub>4</sub> 250 (300- <sup>3</sup> / <sub>4</sub> )			
LNAV/VNAV DA	4003-1 <sup>1</sup> / <sub>4</sub> 337 (400-1 <sup>1</sup> / <sub>4</sub> )			
LNAV MDA	4120-1	454 (500-1)	4120-1 <sup>1</sup> / <sub>4</sub> 454 (500-1 <sup>1</sup> / <sub>4</sub> )	4120-1 <sup>1</sup> / <sub>2</sub> 454 (500-1 <sup>1</sup> / <sub>2</sub> )
CIRCLING	4140-1 <sup>1</sup> / <sub>4</sub>	469 (500-1 <sup>1</sup> / <sub>4</sub> )	4140-1 <sup>1</sup> / <sub>2</sub> 469 (500-1 <sup>1</sup> / <sub>2</sub> )	4240-2 569 (600-2)

ROSWELL, NEW MEXICO

Orig 28SEP06

33°18'N-104°32'W

ROSWELL INTL AIR CENTER (ROW)

# RNAV (GPS) RWY 17



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

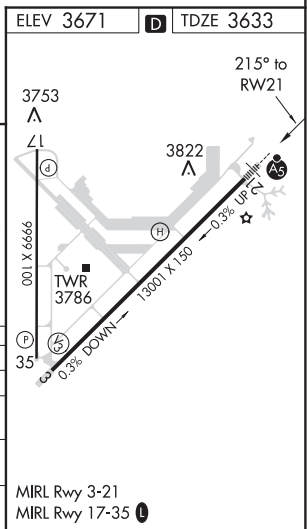
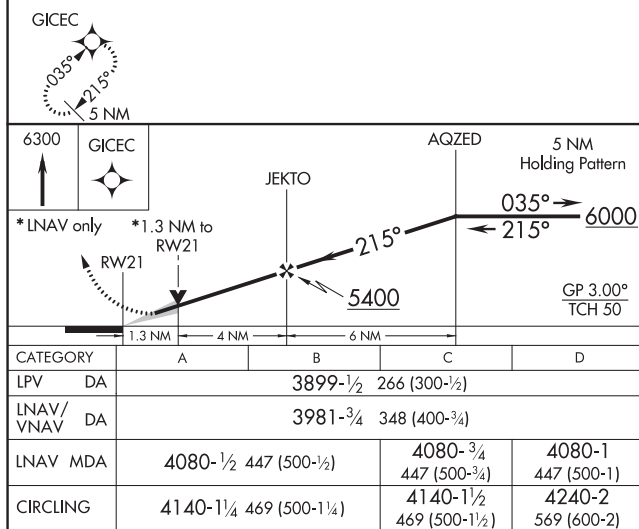
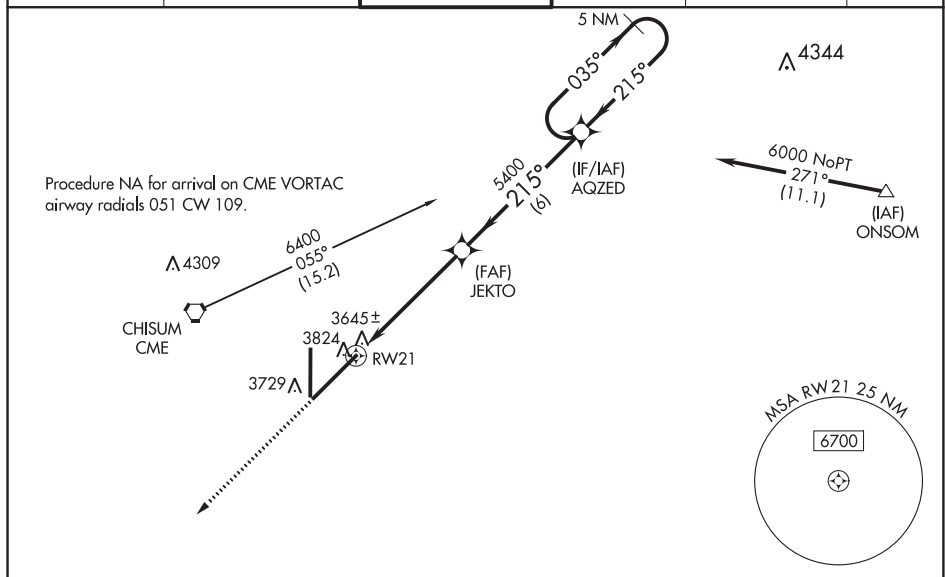


WAAS CH <b>69302</b> <b>W21A</b>	APP CRS <b>215°</b>	Rwy Idg <b>13001</b> TDZE <b>3633</b> Apt Elev <b>3671</b>
--	------------------------	--

RNAV (GPS) RWY 21  
ROSWELL INTL AIR CENTER (ROW)

 ASR	<p>DME/DME RNP-0.3 NA.</p> <p>For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 41°C (106°F).</p> <p>If local altimeter setting not received, use Artesia altimeter setting and increase all DAs/MDAs 100 feet.</p> <p>VDP and Baro-VNAV NA when using Artesia altimeter setting.</p> <p>For inoperative MALSR increase LPV all Cats visibility to 1.</p>	 MALSR	<p>MISSED APPROACH: Climb to 6300 direct GICEC and hold.</p>
--	---	--	--

ATIS 128.45 306.2	ROSWELL APP CON ★ 119.6 239.0	ROSWELL TOWER ★ 118.5(CTAF) 0 233.7	GND CON 121.9 348.6	CLNC DEL 132.875 282.25	UNICOM 122.95
----------------------	----------------------------------	--	------------------------	----------------------------	------------------





ROSWELL, NEW MEXICO

AL-354 (FAA)

18200

WAAS CH <b>70402</b> <b>W35A</b>	APP CRS <b>350°</b>	Rwy Idg TDZE Apt Elev	<b>9999</b> <b>3671</b> <b>3671</b>
--	------------------------	-----------------------------	---

# RNAV (GPS) RWY 35

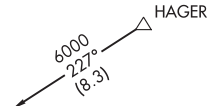
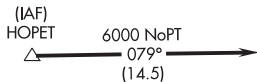
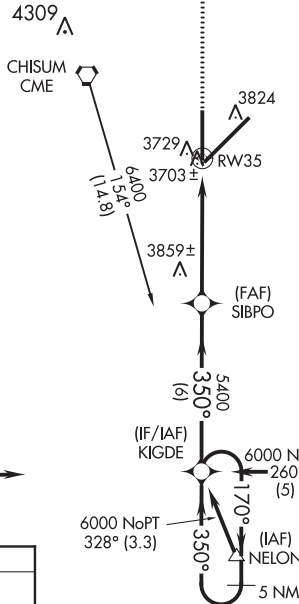
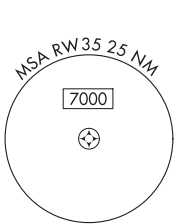
## ROSWELL INTL AIR CENTER (ROW)

<b>ASR</b> DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 41°C (106°F). If local altimeter setting not received, use Artesia altimeter setting and increase all DAs/MDAs 100 feet. VDP and Baro-VNAV NA when using Artesia altimeter setting.	MISSED APPROACH: Climb to 6000 direct HOGIG and hold.
--	--

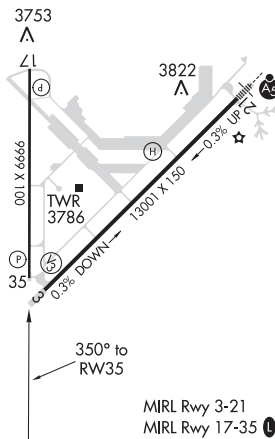
ATIS <b>128.45 306.2</b>	ROSWELL APP CON ★ <b>119.6 239.0</b>	ROSWELL TOWER ★ <b>118.5 (CTAF) 0 233.7</b>	GND CON <b>121.9 348.6</b>	CLNC DEL <b>132.875 282.25</b>	UNICOM <b>122.95</b>
-----------------------------	---	--	-------------------------------	-----------------------------------	-------------------------



Procedure NA for arrivals at CME VORTAC  
via V291 northwest bound.

MISSED APCH FIX



ELEV 3671 **D** TDZE 3671



6000 ↑	HOGIG 	KIGDE 5 NM Holding Pattern			
*LNAV only	*1.3 NM to RW35	SIBPO	170° → 6000 ← 350°		
RW35 	1.3 NM	3.9 NM	6 NM	GP 3.00° TCH 50	
350°		5400	350°		
CATEGORY	A	B	C	D	
LPV DA	3921- <sup>3</sup> / <sub>4</sub> 250 (300- <sup>3</sup> / <sub>4</sub> )				
LNAV/VNAV DA	3953-1 282 (300-1)				
LNAV MDA	4120-1	449 (500-1)	4120-1 <sup>1</sup> / <sub>4</sub> 449 (500-1 <sup>1</sup> / <sub>4</sub> )	4120-1 <sup>1</sup> / <sub>2</sub> 449 (500-1 <sup>1</sup> / <sub>2</sub> )	
CIRCLING	4140-1	469 (500-1)	4140-1 <sup>1</sup> / <sub>2</sub> 469 (500-1 <sup>1</sup> / <sub>2</sub> )	4240-2 569 (600-2)	

ROSWELL, NEW MEXICO

Orig 28SEP06

33°18'N-104°32'W

# ROSWELL INTL AIR CENTER (ROW)

## RNAV (GPS) RWY 35

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC/DME I-ROW	APP CRS	Rwy Idg	13001
109.9	035°	TDZE	3667
Chan 36		Apt Elev	3671

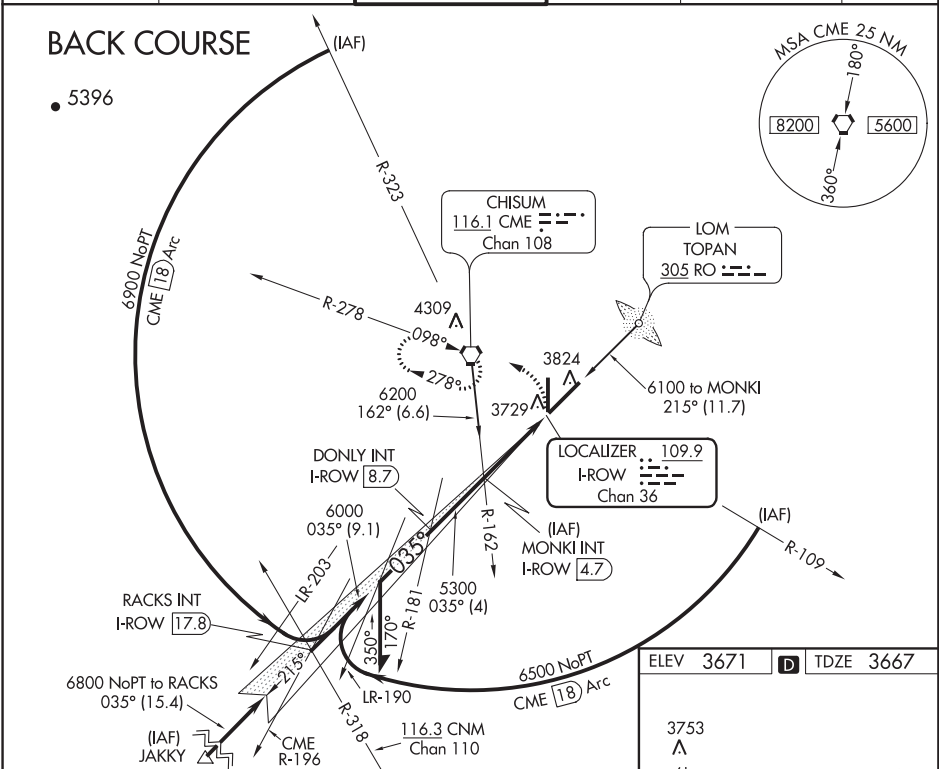
LOC BC RWY 3

ROSWELL INTL AIR CENTER (ROW)

ASR

MISSED APPROACH: Climbing left turn to 6000 direct CME VORTAC and hold.

ATIS	ROSWELL APP CON*	ROSWELL TOWER*	GND CON	CLNC DEL	UNICOM
128.45 306.2	119.6 239.0	118.5 (CTAF) 0 233.7	121.9 348.6	132.875 282.25	122.95



Remain within 10 NM

MONKI INT I-ROW 4.7

6000 CME

Use I-ROW DME when on localizer course.

Disregard glide slope indications.

4 NM 4.2 NM 0.8

3.00° TCH 50

6000 035° 5300 035°

ONLY INT I-ROW 8.7

CATEGORY	A	B	C	D
S-3	4100-1 433 (500-1)		4100-1¼ 433 (500-1¼)	4100-1½ 433 (500-1½)
CIRCLING	4140-1 469 (500-1)		4140-1½ 469 (500-1½)	4240-2 569 (600-2)

ELEV 3671 TDZE 3667

3753 3822 3786 35 001 X 6666 035° 5 NM from FAF 13001 X 150 0.3% UP 0.3% DOWN

MIRL Rwy 3-21 MIRL Rwy 17-35

FAF to MAP 4.2 NM

Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



VORTAC CME <b><u>116.1</u></b> Chan <b>108</b>	APP CRS <b>098°</b>	Rwy Idg TDZE Apt Elev	<b>N/A</b> <b>N/A</b> <b>3671</b>
--	------------------------	-----------------------------	---

VOR-B  
ROSWELL INTL AIR CENTER (ROW)




ASR

If local altimeter setting not received, procedure NA.

**MISSED APPROACH:** Climbing right turn to 6000 direct CME VORTAC and hold.

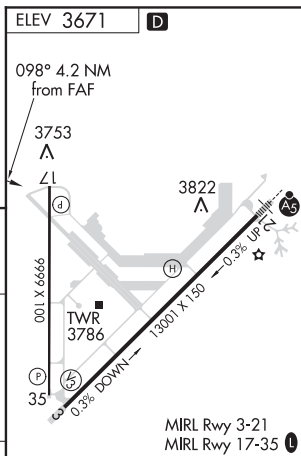
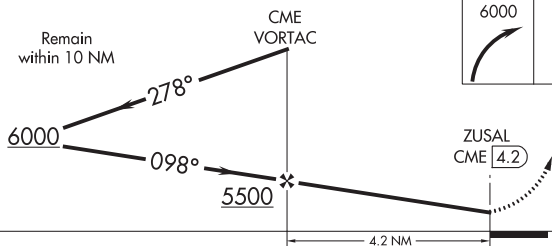
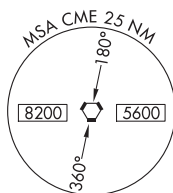
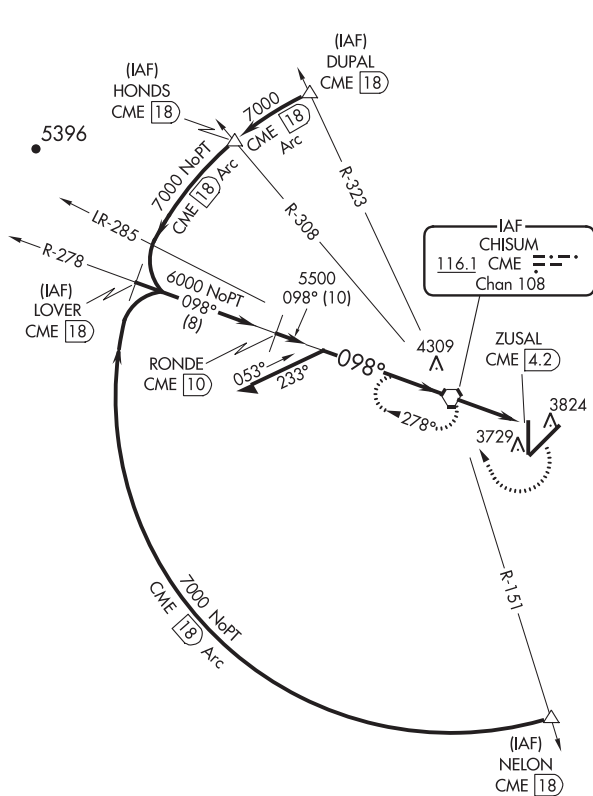
ATIS  
128.45 306.2

ROSWELL APP CON★  
119.6 239.0

ROSWELL TOWER★  
118.5 (CTAF)  233.7

GND CON  
121.9 348.6

CLNC DEL  
132 875 282 25

UNICOM  
122.95

CATEGORY	A	B	C	D	FAF to MAP 4.2 NM					
CIRCLING	4140-1 469 (500-1)		4140-1½ 469 (500-1½)	4240-2 569 (600-2)	Knots	60	90	120	150	180
					Min:Sec	4:12	2:48	2:06	1:41	1:24

33°18'N-104°32'W

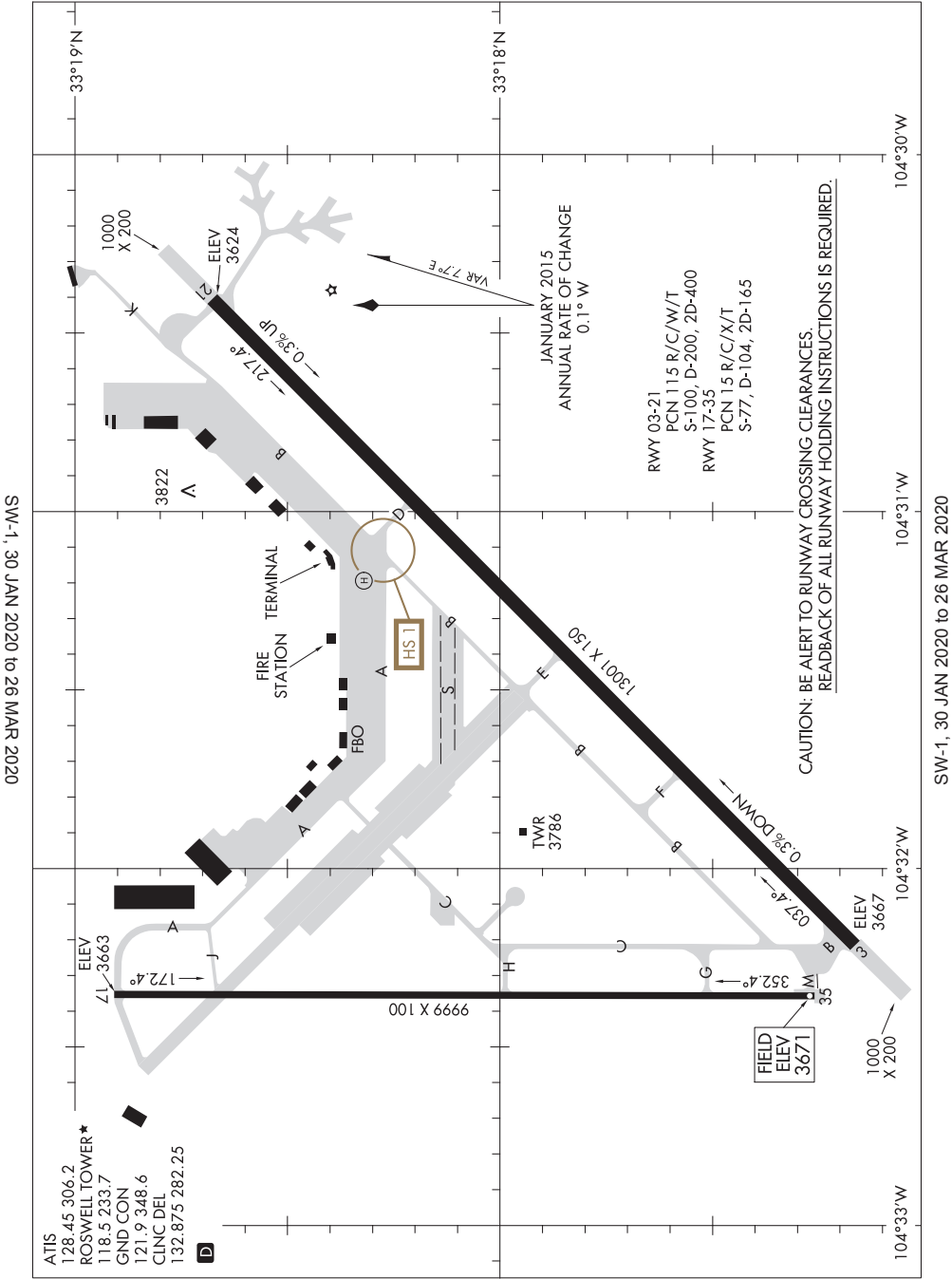
ROSWELL INTL AIR CENTER (ROW)

VOR-B

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







RUIDOSO, NEW MEXICO

AL-6922 (FAA)

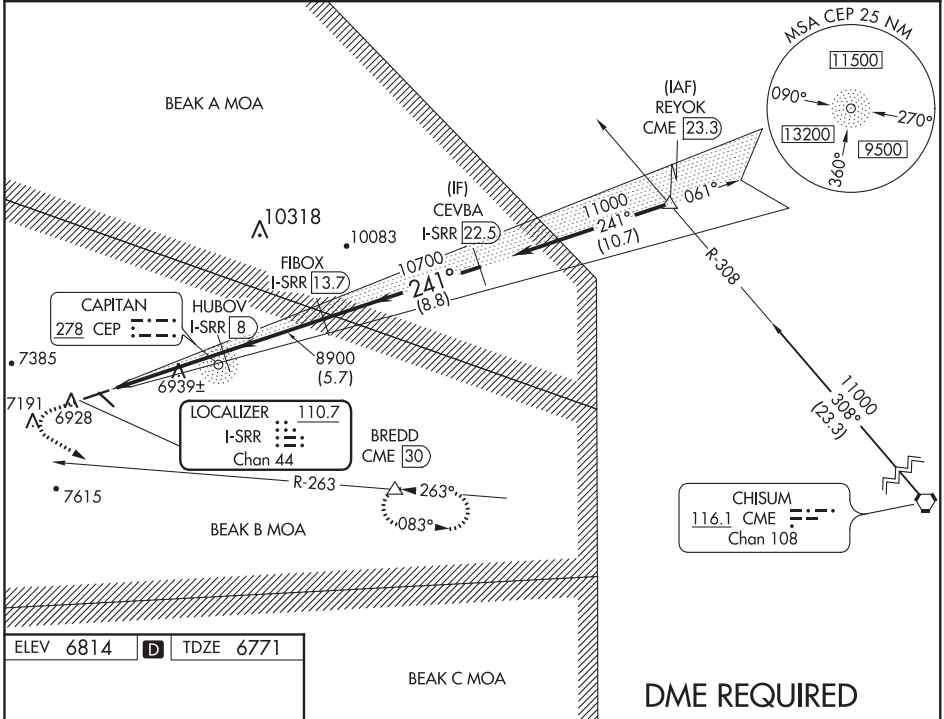
19115

LOC/DME I-SRR <b>110.7</b> Chan <b>44</b>	APP CRS <b>241°</b>	Rwy Idg <b>8120</b> TDZE <b>6771</b> Apt Elev <b>6814</b>
---	------------------------	---

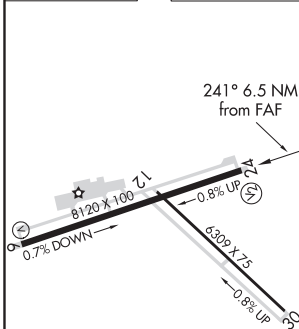
# **ILS or LOC/DME RWY 24** SIERRA BLANCA RGNL (SRR)

<b>NA</b> If local altimeter setting not received procedure not authorized. Use I-SRR DME when on localizer course. Circling not authorized to Rwy 12/30.	<b>MISSED APPROACH:</b> Climb to 7500 then climbing left turn to 11000 via heading 110° and CME VORTAC R-263 to BREDD/CME 30 DME and hold, continue climb-in-hold to 11000.
--	---

AWOS-3 <b>126.475</b>	ALBUQUERQUE CENTER <b>132.65 257.6</b>	UNICOM <b>122.8 (CTAF) 0</b>
--------------------------	---	---------------------------------



ELEV <b>6814</b>	<b>D</b>	TDZE <b>6771</b>
------------------	----------	------------------



MIRL Rwy 6-24 and 12-30 0

RUIDOSO, NEW MEXICO

Orig 27OCT05

33°28'N-105°32'W

SIERRA BLANCA RGNL (SRR)

# **ILS or LOC/DME RWY 24**

## **DME REQUIRED**

7500 ↑ 11000 hdg 110°	CME R-263	BREDD △	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 38).			CEVBA I-SRR 22.5
CATEGORY	A	B	C	D		
S-ILS 24	6971-¾ 200 (200-¾)					
S-LOC 24	7220-1	449 (500-1)	7220-1¼ 449 (500-1¼)	7220-1½ 449 (500-1½)		
CIRCLING	7320-1 506 (600-1)	7360-1 546 (600-1)	7360-1½ 546 (600-1½)	7500-2¼ 686 (700-2¼)		

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>53420</b> <b>W24A</b>	APP CRS <b>241°</b>	Rwy Idg TDZE Apt Elev	<b>8120</b> <b>6771</b> <b>6814</b>
--	------------------------	-----------------------------	---

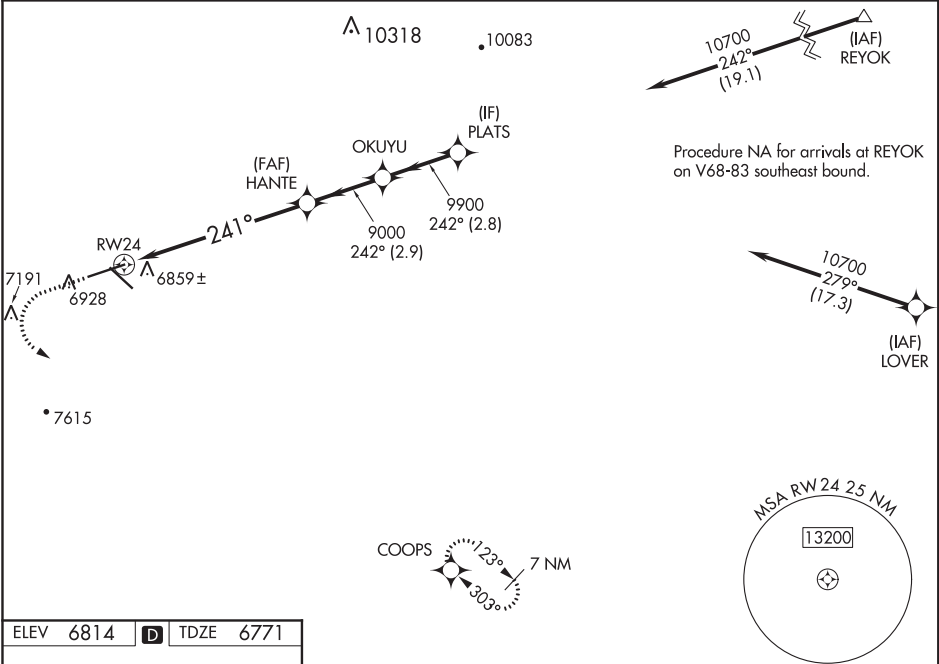
**RNAV (GPS) RWY 24**  
SIERRA BLANCA RGNL (SR.R)

**NA**

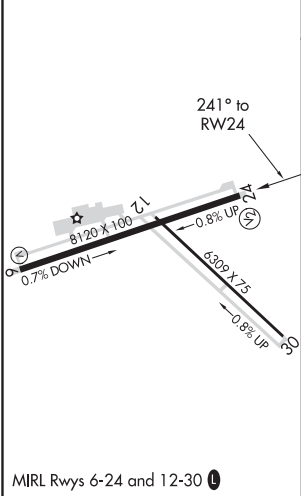
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -28°C (-18°F) or above 48°C (118°F).  
DME/DME RNP-0.3 NA. Circling NA to Rwy 12/30.  
When local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 7500 then climbing left turn to 10000 direct COOPS and hold.

AWOS-3 <b>126.475</b>	ALBUQUERQUE CENTER <b>132.65 257.6</b>	UNICOM <b>122.8 (CTAF)</b>
--------------------------	---	-------------------------------



ELEV 6814	<b>D</b>	TDZE 6771
-----------	----------	-----------



7500	10000	COOPS	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 38).			
			HANTE	OKUYU	PLATS	
			9000	9900	10700	
			6.9 NM	2.9 NM	2.8 NM	
			GP 3.00° TCH 51			
CATEGORY	A	B	C	D		
LPV DA	6971-¾		200 (200-¾)			
LNAV/VNAV DA	7220-1½		449 (400-1½)			
LNAV MDA	7380-1	609 (600-1)	7380-1¾	609 (600-1¾)		
CIRCLING	7380-1	566 (600-1)	7380-1¾ 566 (600-1¾)	7480-2 666 (700-2)		

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



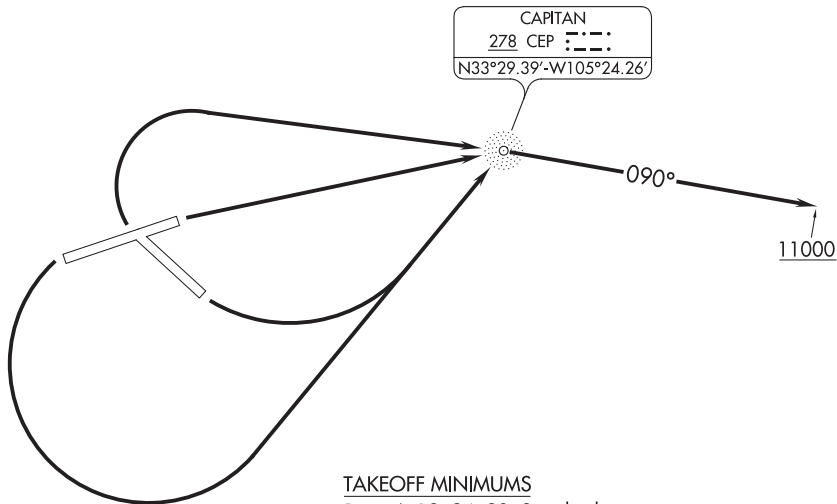
(CAP1.CEP) 16035

## CAPITAN ONE DEPARTURE (OBSTACLE)

SL-6922 (FAA)

SIERRA BLANCA RGNL (SRR)

RUIDOSO, NEW MEXICO

ALBUQUERQUE CENTER  
132.65 257.6TAKEOFF OBSTACLE NOTES

Rwy 12: Trees beginning 61' from DER, left and right of centerline, up to 100' AGL/6728' MSL.

Rwy 24: Bush 758' from DER, 374' left of centerline, up to 21' AGL/6835' MSL.

Bush 659' from DER, 265' right of centerline, up to 19' AGL/6832' MSL.

Rwy 30: Poles 1092' from DER, 433' left of centerline, up to 72' AGL/6847' MSL.

Buildings 753' from DER, 410' left of centerline, 35' AGL/6808' MSL.

Vehicles on roadway 436' from DER, 254' right of centerline, up to 15' AGL/6787' MSL.

Sign 47' from DER, 60' right of centerline, up to 6' AGL/6774' MSL.

Signs 72' from DER, 455' left of centerline, up to 6' AGL/6779' MSL.

NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Climb direct CEP NDB, then on CEP bearing 090° to 11000 before proceeding on course.TAKEOFF RUNWAY 12: Climbing left turn direct CEP NDB, then on CEP bearing 090° to 11000 before proceeding on course.TAKEOFF RUNWAY 24: Climbing left turn direct CEP NDB, then on CEP bearing 090° to 11000 before proceeding on course.TAKEOFF RUNWAY 30: Climbing right turn direct CEP NDB, then on CEP bearing 090° to 11000 before proceeding on course.

## CAPITAN ONE DEPARTURE (OBSTACLE)

(CAP1.CEP) 05MAY11

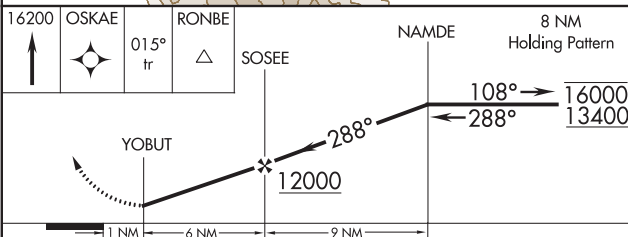

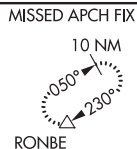
RUIDOSO, NEW MEXICO  
SIERRA BLANCA RGNL (SRR)



RNAV (GPS)-A

RNP APCH

**MISSED APPROACH:** Climb to 16200 direct OSKAE and on track 015° to RONBE and hold, continue climb-in-hold to 16200.

UNICOM  
122.7 (CTAF) MIRL Rwy 6-24 **L**

SALIDA, COLORADO  
Orig-B 02JAN20

SALIDA AIRPORT HARRIETT ALEXANDER FIELD (ANK)

RNAV (GPS)-A

CATEGORY	A	B	C	D
<b>C</b> CIRCLING	9720-1¼ 2197 (2200-1¼)	9720-1½ 2197 (2200-1½)	NA	

38°32'N-106°03'W  
523

SW-1, 30 JAN 2020 to 26 MAR 2020



(RONBE2. RONBE) 19227

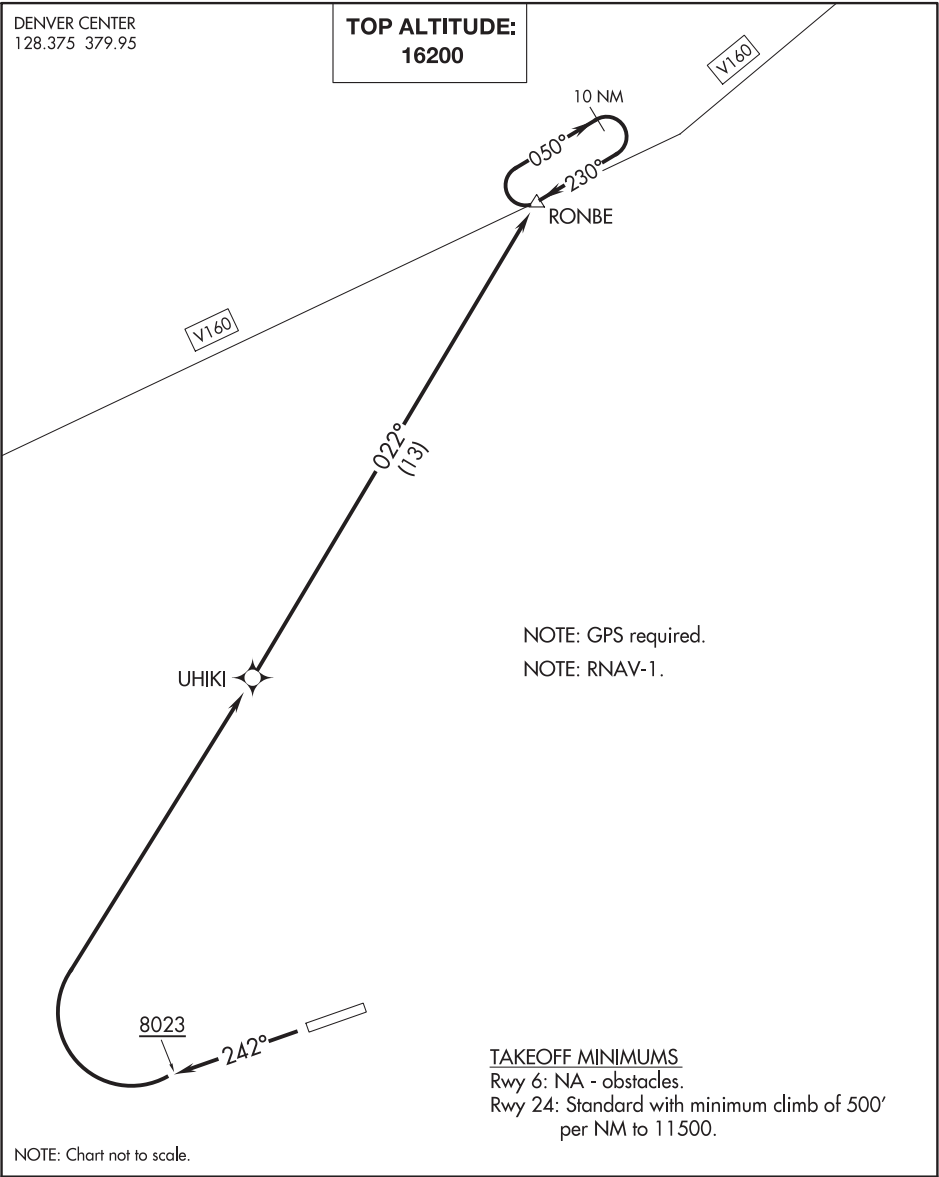
RONBE TWO DEPARTURE(RNAV)

SALIDA AIRPORT HARRIETT ALEXANDER FIELD (ANK)  
AL-10345 (FAA)

SALIDA, COLORADO

DENVER CENTER  
128.375 379.95

TOP ALTITUDE:  
16200



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 24: Climb on heading 242° to 8023 then climbing right turn direct UHIKI, then on depicted route to RONBE, maintain 16200 or assigned altitude, aircraft southwest bound on V160 continue climb in RONBE holding pattern to MEA before proceeding enroute.

RONBE TWO DEPARTURE (RNAV)  
(RONBE2. RONBE) 15AUG19

SALIDA, COLORADO  
SALIDA AIRPORT HARRIETT ALEXANDER FIELD (ANK)



ILS or LOC RWY 2  
SANTA FE MUNI (SAF)

DME required.

**MISSED APPROACH:** Climb to 7300 then climbing left turn to 11000 on SAF VORTAC R-354 to ZEDAN/SAF 30 DME and hold.

## DME REQUIRED

SANTA FE, NEW MEXICO  
Amdt 7 05JAN17

35°37'N-106°05'W  
525

SANTA FE MUNI (SAF)  
ILS or LOC RWY 2

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SANTA FE, NEW MEXICO

AL-548 (FAA)

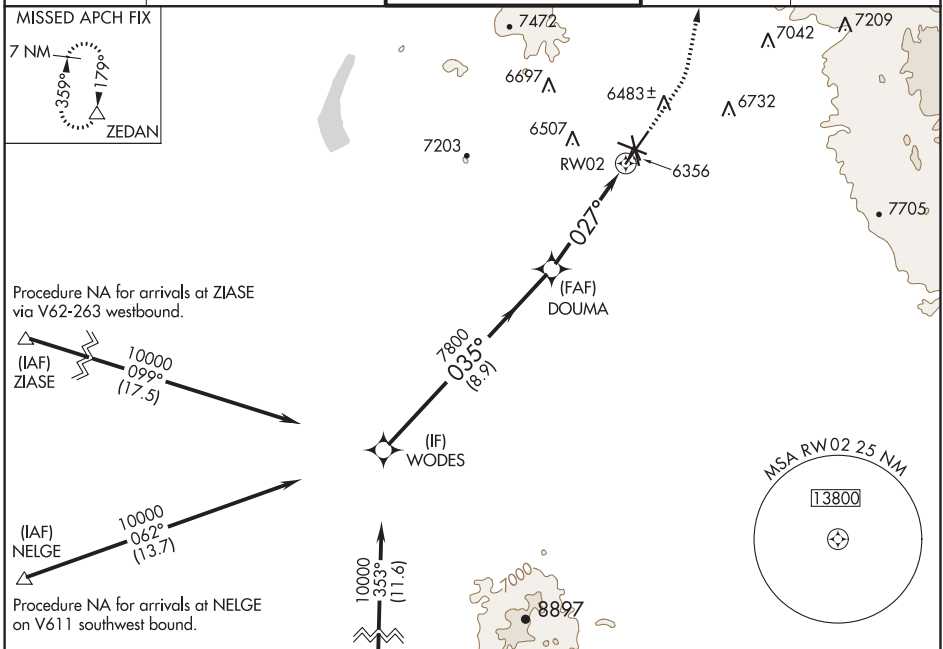
19171

WAAS CH <b>63039</b> <b>W02A</b>	APP CRS <b>027°</b>	Rwy Idg TDZE <b>6303</b> Apt Elev <b>6349</b>
--	------------------------	---

# **RNAV (GPS) RWY 2** SANTA FE MUNI (SAF)

<b>▽</b> For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 45°C (113°F). DME/DME RNP-0.3 NA.	<b>MISSED APPROACH:</b> Climb to 7300 then climbing left turn to 11000 direct ZEDAN and hold.
---	---

<b>ATIS</b> <b>128.55</b>	<b>ALBUQUERQUE CENTER</b> <b>132.8 346.35</b>	<b>SANTA FE TOWER ★</b> <b>119.5 (CTAF) 239.3</b>	<b>GND CON</b> <b>121.7</b>	<b>UNICOM</b> <b>122.95</b>
------------------------------	--	--	--------------------------------	--------------------------------



<b>ELEV 6349</b> <b>D</b> <b>TDZE 6303</b> REIL Rwy 10, 15, 20 and 33 MIRL Rwy 2-20 and 15-33 <b>!</b> MIRL Rwy 10-28				
WODES VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 69). DOUMA 7800 GP 3.00° TCH 53 8.9 NM 3.4 NM 1.2 NM *LNAV only				
CATEGORY	A	B	C	D
LPV DA	6503-¾ 200 (200-¾)			
LNAV/VNAV DA	6553-⅞ 250 (300-⅞)			
LNAV MDA	6740-1	437 (400-1)	6740-1¼	437 (400-1¼)
<b>CIRCLING</b>	6800-1 451 (500-1)	6920-1 571 (600-1)	7340-3 991 (1000-3)	7660-3 1311 (1400-3)

SANTA FE, NEW MEXICO

Amdt 1 05JAN17

35°37'N-106°05'W

SANTA FE MUNI (SAF)  
**RNAV (GPS) RWY 2**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>87039</b> <b>W15A</b>	APP CRS <b>159°</b>	Rwy Idg TDZE Apt Elev	<b>5221</b> <b>6319</b> <b>6349</b>
--	------------------------	-----------------------------	---

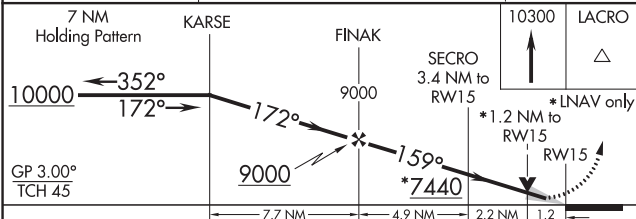
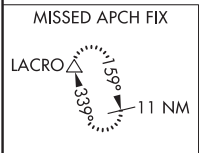
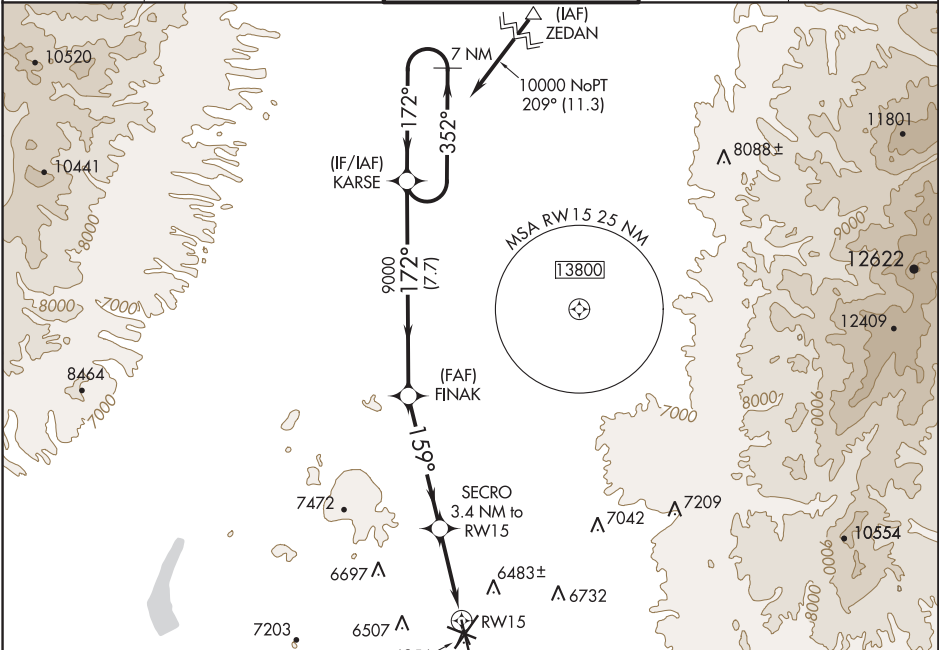
# RNAV (GPS) RWY 15

SANTA FE MUNI (SAF)

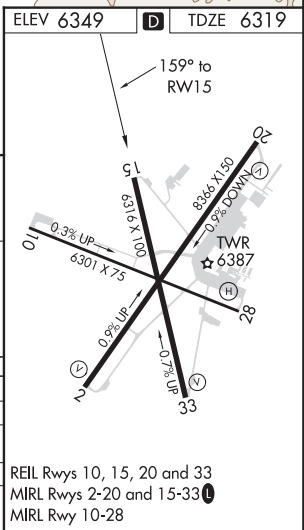
**⚠** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 47°C (117°F). DME/DME RNP-0.3 NA.

**MISSED APPROACH:** Climb to 10300 direct LACRO and hold, continue climb-in-hold to 10300.

ATIS <b>128.55</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	SANTA FE TOWER ★ <b>119.5 (CTAF) 239.3</b>	GND CON <b>121.7</b>	UNICOM <b>122.95</b>
-----------------------	---	---	-------------------------	-------------------------



CATEGORY	A	B	C	D
LPV DA		6569-3/4	250 (300-3/4)	
LNAV/VNAV DA		6569-3/4	250 (300-3/4)	
LNAV MDA	6740-1	421 (400-1)	6740-1 1/4	421 (400-1 1/4)
CIRCLING	6800-1 451 (500-1)	6920-1 571 (600-1)	7340-3 991 (1000-3)	7660-3 1311 (1400-3)



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



SANTA FE, NEW MEXICO

AL-548 (FAA)

19171

APP CRS  
**192°**

Rwy Idg **8366**  
TDZE **6349**  
Apt Elev **6349**

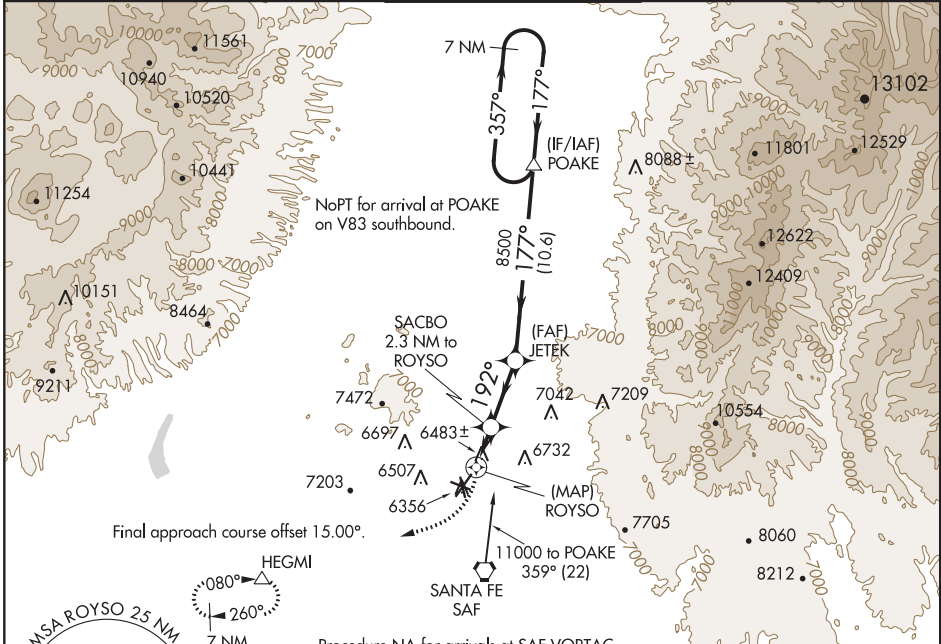
# RNAV (GPS) RWY 20

SANTA FE MUNI (SAF)

**▽**  
**▲** DME/DME RNP-0.3 NA.

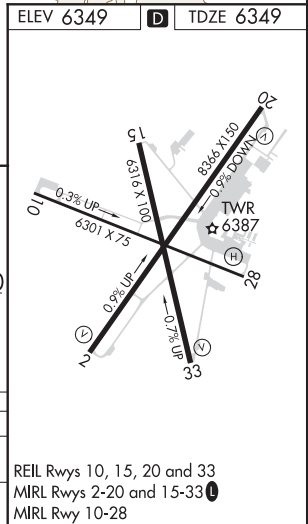
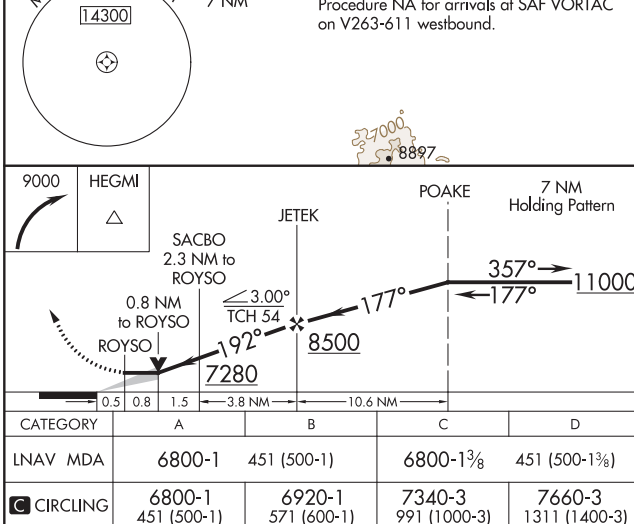
MISSED APPROACH: Climbing right turn to 9000 direct HEGMI and hold.

ATIS <b>128.55</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	SANTA FE TOWER ★ <b>119.5 (CTAF) 239.3</b>	GND CON <b>121.7</b>	UNICOM <b>122.95</b>
-----------------------	---	---	-------------------------	-------------------------



Procedure NA for arrivals at SAF VORTAC on V263-611 westbound.

ELEV 6349 **D** TDZE 6349



REIL Rwy 10, 15, 20 and 33  
MIRL Rwy 2-20 and 15-33  
MIRL Rwy 10-28

SANTA FE, NEW MEXICO

Amdt 1 05JAN17

35°37'N-106°05'W

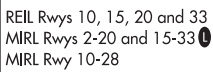
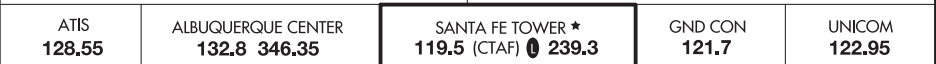
# SANTA FE MUNI (SAF)

## RNAV (GPS) RWY 20

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) RWY 28  
SANTA FE MUNI (SAF)



SANTA FE, NEW MEXICO

AL-548 (FAA)

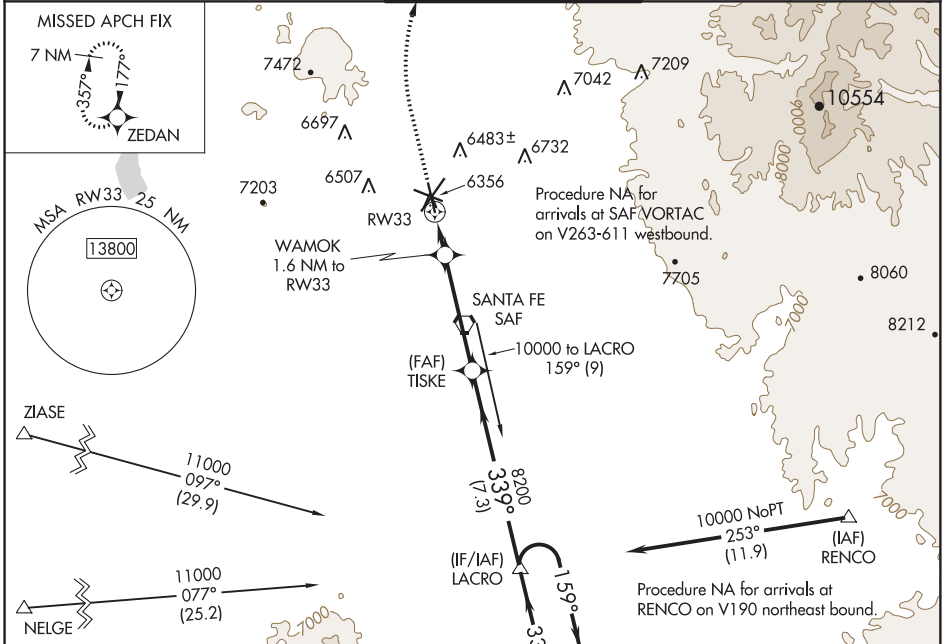
19171

WAAS CH <b>69539</b> <b>W33A</b>	APP CRS <b>339°</b>	Rwy Idg TDZE <b>6316</b> <b>6305</b> Apt Elev <b>6349</b>
--	------------------------	--

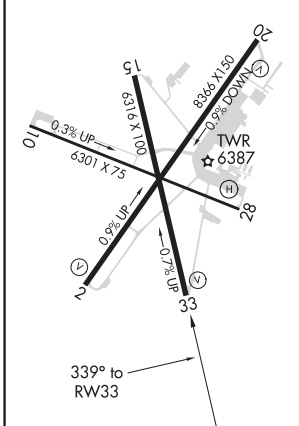
# **RNAV (GPS) RWY 33** SANTA FE MUNI (SAF)

<b>▽</b> <b>▲</b>	For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18° (0°F) or above 43°C (110°F). DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 6800 then climbing right turn to 11000 direct ZEDAN and hold.
----------------------	---	---

ATIS <b>128.55</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	SANTA FE TOWER ★ <b>119.5 (CTAF) 239.3</b>	GND CON <b>121.7</b>	UNICOM <b>122.95</b>
-----------------------	---	---	-------------------------	-------------------------



ELEV <b>6349</b>	<b>D</b>	TDZE <b>6305</b>
REIL Rwy 10, 15, 20 and 33 MIRL Rwy 2-20 and 15-33 MIRL Rwy 10-28		



6800	11000	ZEDAN △	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 86).	7 NM Holding Pattern
*LNAV only	WAMOK 1.6 NM to RW 33	*0.8 NM to RW 33	*6840	8200
0.8 NM	0.8 NM	4.3 NM	7.3 NM	GP 3.00° TCH 60
CATEGORY	A	B	C	D
LPV	DA	6555-78	250 (300-78)	
LNAV/ VNAV	DA	6555-78	250 (300-78)	
LNAV	MDA	6620-1	315 (300-1)	6620-78 315 (300-78)
<b>C</b> CIRCLING	6800-1 451 (500-1)	6920-1 571 (600-1)	7340-3 991 (1000-3)	7660-3 1311 (1400-3)

SANTA FE, NEW MEXICO

Amdt 1 05JAN17

35°37'N-106°05'W

# SANTA FE MUNI (SAF) **RNAV (GPS) RWY 33**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



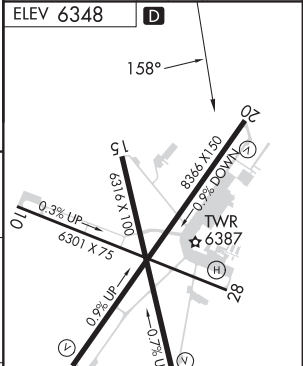
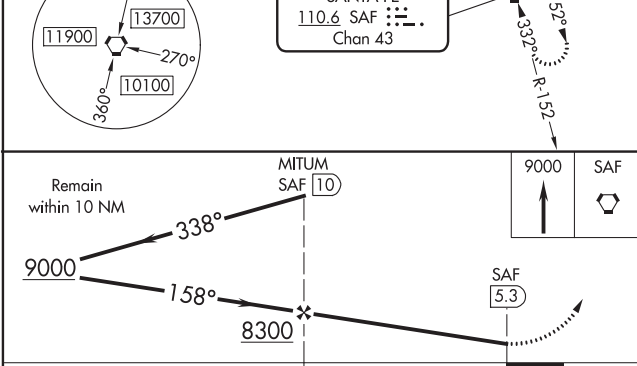
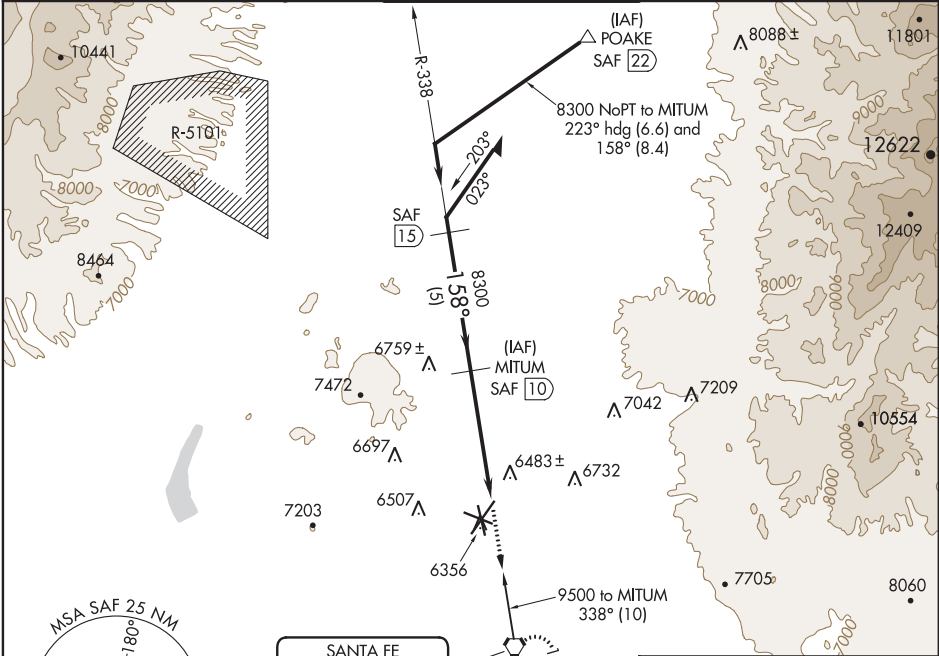
VORTAC SAF <b>110.6</b> Chan 43	APP CRS <b>158°</b>	Rwy Idg TDZE Apt Elev <b>N/A</b> <b>N/A</b> <b>6348</b>
---------------------------------------	------------------------	--

VOR/DME-A  
SANTA FE MUNI (SAF)

**⚠** When control tower closed, except for operators with approved weather reporting service, use Albuquerque altimeter setting.

**⚠** MISSED APPROACH: Climb to 9000 direct SAF VORTAC and hold, continue climb-in-hold to 9000.

ATIS <b>128.55</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	SANTA FE TOWER ★ <b>119.5 (CTAF) 239.3</b>	GND CON <b>121.7</b>	UNICOM <b>122.95</b>
-----------------------	---	---	-------------------------	-------------------------



CATEGORY	A	B	C	D
CIRCLING	6960-1	612 (700-1)	6960-1¾ 612 (700-1¾)	7020-2¼ 672 (700-2¼)
ALBUQUERQUE ALTIMETER SETTING MINIMUMS				
CIRCLING	7860-1¼ 1512 (1600-1¼)	7860-1½ 1512 (1600-1½)	7860-3 1512 (1600-3)	7920-3 1572 (1600-3)

REIL Rwy 10, 15, 20 and 33  
MIRL Rwy 2-20 and 15-33  
MIRL Rwy 10-28

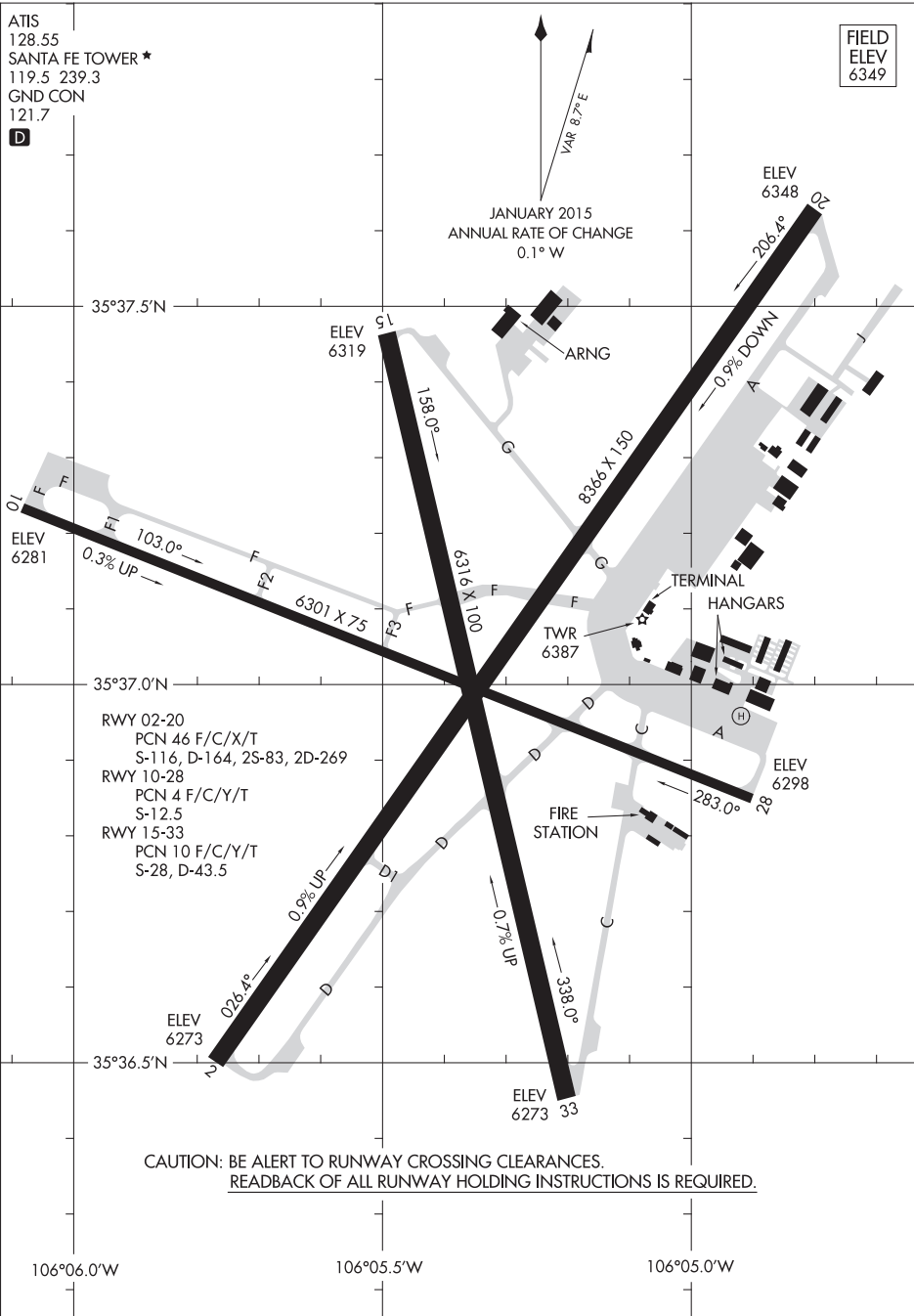
SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020











(POAKE2.POAKE) 18144

POAKE TWO DEPARTURE

AL-548 (FAA)

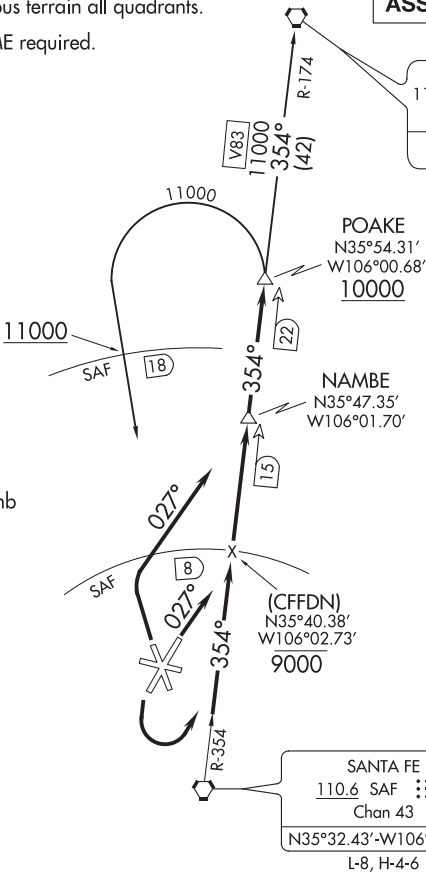
SANTA FE MUNI (SAF)  
SANTA FE, NEW MEXICO

ATIS 128.55  
GND CON  
121.7  
SANTA FE TOWER★  
119.5 (CTAF) 239.3  
ALBUQUERQUE CENTER  
132.8 346.35

CAUTION:  
Mountainous terrain all quadrants.  
NOTE: DME required.

**TOP ALTITUDE:  
ASSIGNED by ATC**

TAOS  
117.6 TAS  
Chan 123  
N36°36.53'  
W105°54.38'  
L-8



TAKEOFF MINIMUMS:  
Rwy 2: Standard with minimum climb  
of 220' per NM to 7300.  
Rwy 20, 30: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb heading 027° thence. . . .  
TAKEOFF RUNWAY 20: Climbing left turn thence. . . .  
TAKEOFF RUNWAY 33: Climbing right turn to heading 027° thence. . . .  
. . . .Intercept and proceed on SAF R-354 to POAKE DME fix. Cross 8 DME ARC  
north of SAF VORTAC at or below 9000. Cross POAKE DME fix at or  
above 10000. Then on (transition) or (assigned route).  
SANTA FE TRANSITION (POAKE2.SAF): From POAKE DME fix left turn direct  
SAF VORTAC. Cross 18 DME north of SAF VORTAC at/above 11000'.  
TAOS TRANSITION (POAKE2.TAS): From POAKE DME fix via SAF R-354 and  
TAS R-174 to TAS VORTAC.

POAKE TWO DEPARTURE

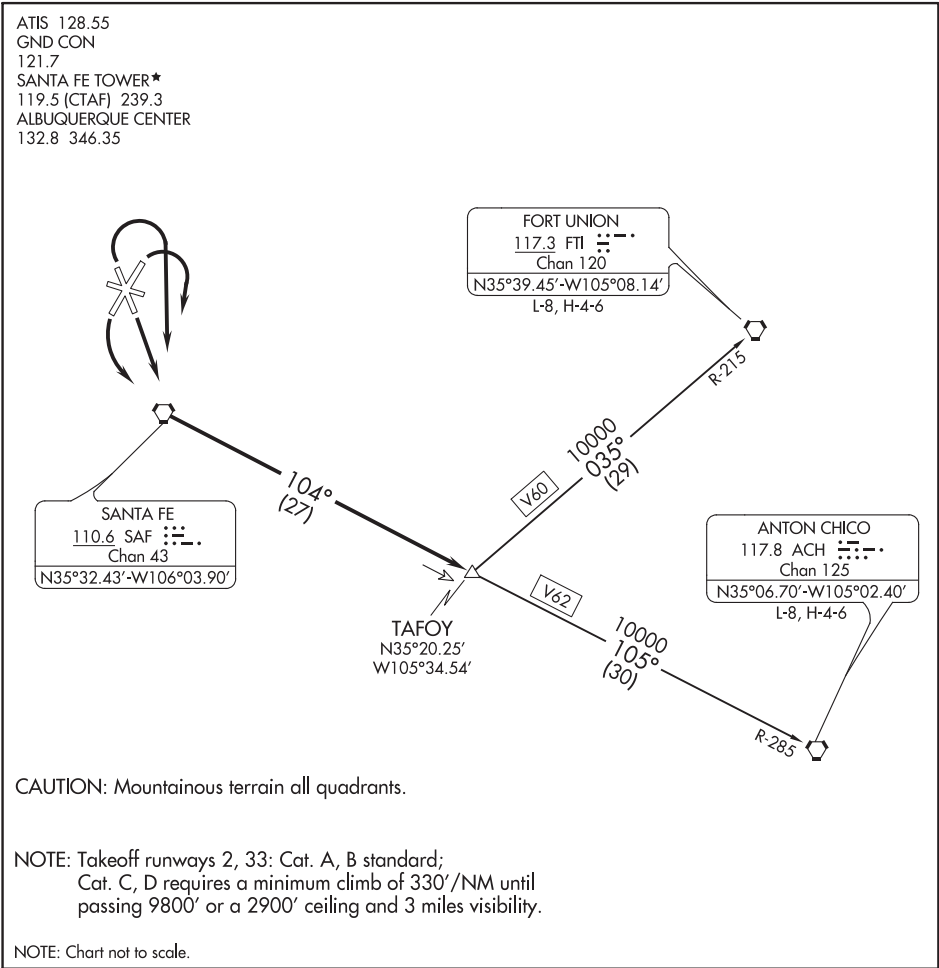
(POAKE2.POAKE) 05JAN17

SANTA FE, NEW MEXICO  
SANTA FE MUNI (SAF)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020





DEPARTURE ROUTE DESCRIPTION
<u>TAKEOFF RUNWAY 15</u> : Climb direct to....
<u>TAKEOFF RUNWAY 20</u> : Climbing left turn direct to....
<u>TAKEOFF RUNWAYS 2 &amp; 33</u> : Climbing right turn direct to....
....the SAF VORTAC. Proceed via the SAF R-104 to TAFOY INT, climb and maintain 10000 MSL. Thence via assigned (transition) or (route).
<u>ANTON CHICO TRANSITION (TAFOY2.ACH)</u> : From over TAFOY INT, via V62/ACH R-285 to ACH VORTAC. Thence via (assigned) route.
<u>FORT UNION TRANSITION (TAFOY2.FTI)</u> : From over TAFOY INT via V60/FTI R-215 to FTI VORTAC. Thence via (assigned) route.



(ZIAS4.ZIASE) 18144

ZIAS4 FOUR DEPARTURE

AL-548 (FAA)

SANTA FE MUNI (SAF)  
SANTA FE, NEW MEXICO

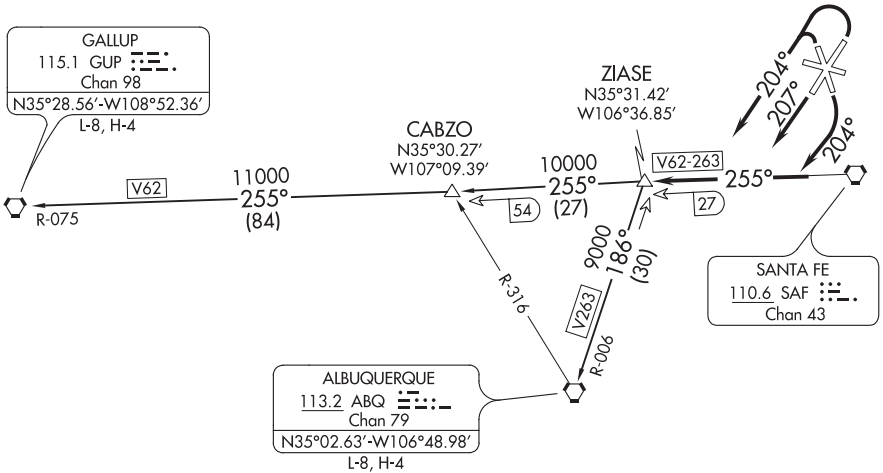
ATIS 128.55  
GND CON  
121.7  
SANTA FE TOWER★  
119.5 (CTAF) 239.3  
ALBUQUERQUE CENTER  
132.8 346.35

CAUTION: Mountainous terrain all quadrants.

**TOP ALTITUDE:  
ASSIGNED BY ATC**

TAKEOFF MINIMUMS

Rwy 2: Standard with minimum climb of 235' per NM to 8200.  
Rwy 33: Standard with minimum climb of 310' per NM to 8200.



NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 2, 33: Climbing left turn heading 204° thence. . . .  
TAKEOFF RUNWAY 15: Climbing right turn heading 204° thence. . . .  
TAKEOFF RUNWAY 20: Climb heading 207° thence. . . .  
. . . . intercept and proceed on SAF R-255 to ZIAS4 INT, then on (transition) or (assigned route).

ALBUQUERQUE TRANSITION (ZIAS4.ABQ): From over ZIAS4 INT on ABQ R-006 to ABQ VORTAC.

GALLUP TRANSITION (ZIAS4.GUP): From over ZIAS4 INT on SAF R-255 and GUP R-075 to GUP VORTAC.

ZIAS4 FOUR DEPARTURE  
(ZIAS4.ZIASE) 27APR17

SANTA FE, NEW MEXICO  
SANTA FE MUNI (SAF)

SW-1, 30 JAN 2020 to 26 MAR 2020

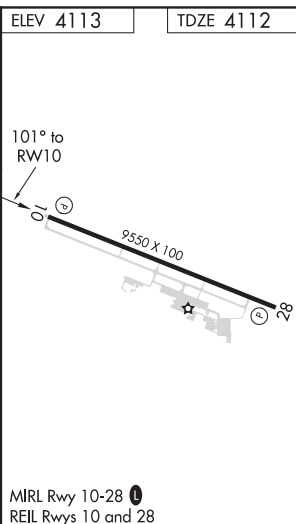
SW-1, 30 JAN 2020 to 26 MAR 2020



RNAV (GPS) RWY 10  
DONA ANA COUNTY INTL JETPORT (DNA)

MISSED APPROACH: Climbing left turn to 9000 direct SUSIQ and hold.

AUNICOM  
122.725 (CTAF) **L**

DONA ANA COUNTY INTL JETPORT (DNA)  
RNAV (GPS) RWY 10



APP CRS	Rwy Idg	<b>6802</b>
<b>078°</b>	TDZE	<b>5386</b>
	Apt Elev	<b>5446</b>

# RNAV (GPS) RWY 8

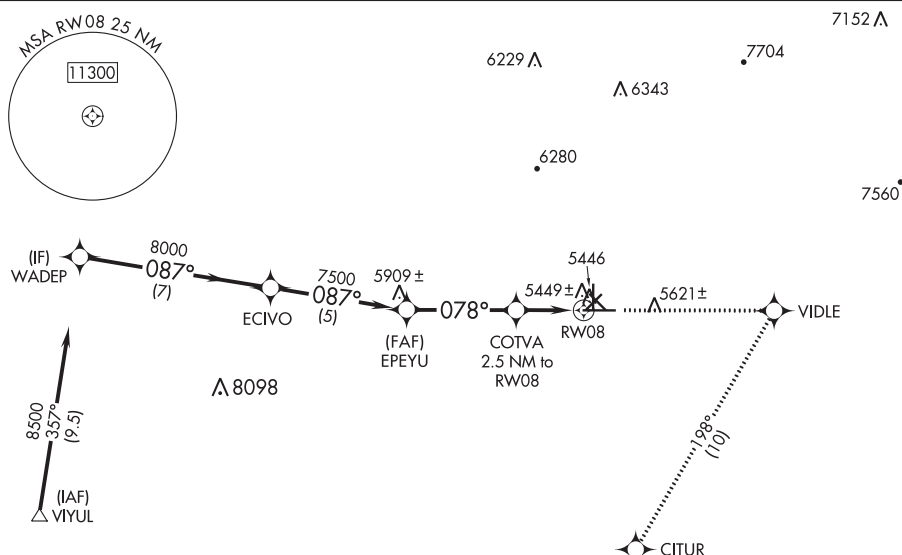
## GRANT COUNTY (SVC)

**T** If local altimeter setting not received, procedure NA.  
Rwy 8 helicopter visibility reduction below  $\frac{3}{4}$  SM NA.

**MISSED APPROACH:** Climb to 10000 direct  
VIDLE and right turn via 198° track to CITUR  
and via 212° track to KUNRE and hold.

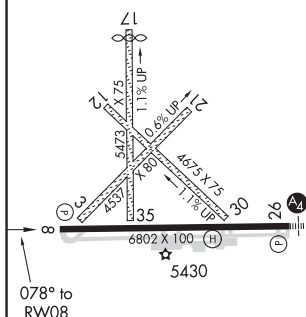
AWOS-3  
126.725

ALBUQUERQUE CENTER  
134.45 327.15

UNICOM  
122.8 (CTAF) **L**

Procedure NA for arrival at VIYUL  
on V202 southwestbound.

ELEV	5446		TDZE	5386
------	------	--	------	------

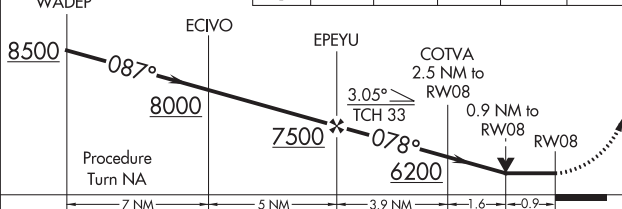
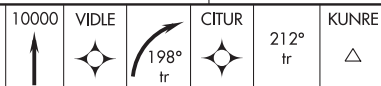


REIL Rwy 8  
MIRL Rwy 8-26 **L**

## MISSED APCH FIX



VGSI and descent angles  
not coincident  
(VGSI Angle 3.00/TCH 44).



CATEGORY	A	B	C	D
LNAV MDA	5700-1 314 (300-1)			

SILVER CITY, NEW MEXICO  
Orig-B 15AUG19

32°38'N-108°09'W

GRANT COUNTY (SVC)  
RNAV (GPS) RWY 8

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020







SILVER CITY, NEW MEXICO

AL-793 (FAA)

19115

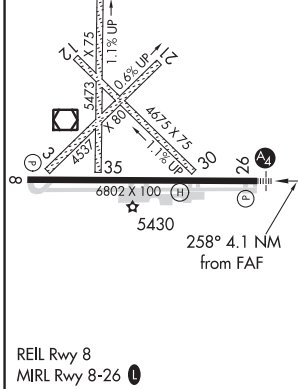
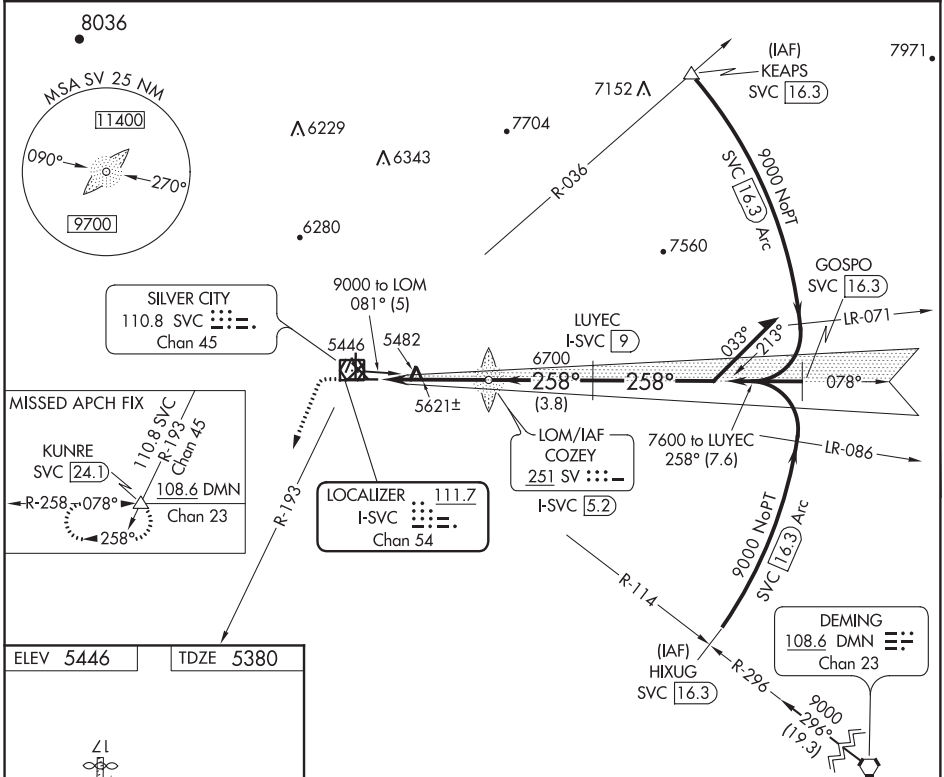
LOC/DME I-SVC <b>111.7</b> Chan <b>54</b>	APP CRS <b>258°</b>	Rwy Idg TDZE Apt Elev <b>6802</b> <b>5380</b> <b>5446</b>
---	------------------------	--

# LOC/DME RWY 26

GRANT COUNTY (SVC)

<p><b>NA</b> If local altimeter setting not received, procedure NA. Circling to Rwy 3, 12, 17, 21, 30, 35 NA at night.</p>	<p><b>MALS</b> </p>	<p><b>MISSED APPROACH:</b> Climb to 5800, then climbing left turn to 10000 via heading 190° and SVC VOR/DME R-193 to KUNRE INT/SVC VOR/DME 24.1 DME and hold.</p>
--	---------------------	---

AWOS-3 <b>126.725</b>	ALBUQUERQUE CENTER <b>134.45 327.15</b>	UNICOM <b>122.8 (CTAF) 0</b>
--------------------------	--	---------------------------------



5800	10000	SVC	KUNRE	SV	COZEY LOM	I-SVC [5.2]	Remain within 11 NM
↑	hdg 190°	R-193	△				
Use I-SVC DME when on localizer course.							
I-SVC [1.2]	I-SVC [2.2]	I-SVC [5.2]	I-SVC [9]	I-SVC [16.3]	I-SVC [25.1]	I-SVC [31.1]	I-SVC [37.1]
1 NM	3.1 NM	3.8 NM	4.5 NM	5.2 NM	5.9 NM	6.6 NM	7.3 NM
CATEGORY	A	B	C	D			
S-26	5740-3/4	360 (300-3/4)	5740-1 1/4	360 (300-1 1/4)			
CIRCLING	5920-1	5940-1	5960-1 1/2	6020-2			
	474 (500-1)	494 (500-1)	514 (600-1 1/2)	574 (600-2)			

SILVER CITY, NEW MEXICO

Amdt 5C 21JUL16

32°38'N-108°09'W

GRANT COUNTY (SVC)

# LOC/DME RWY 26

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

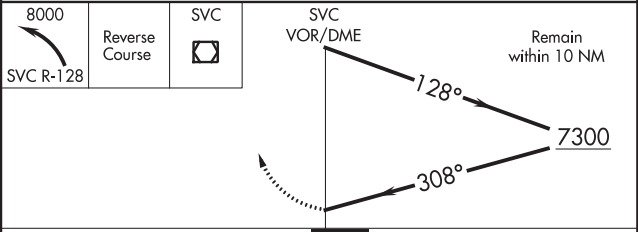
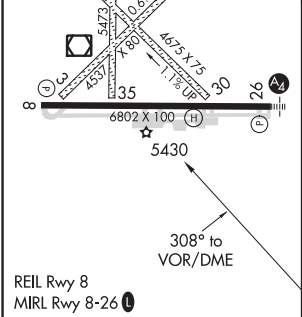
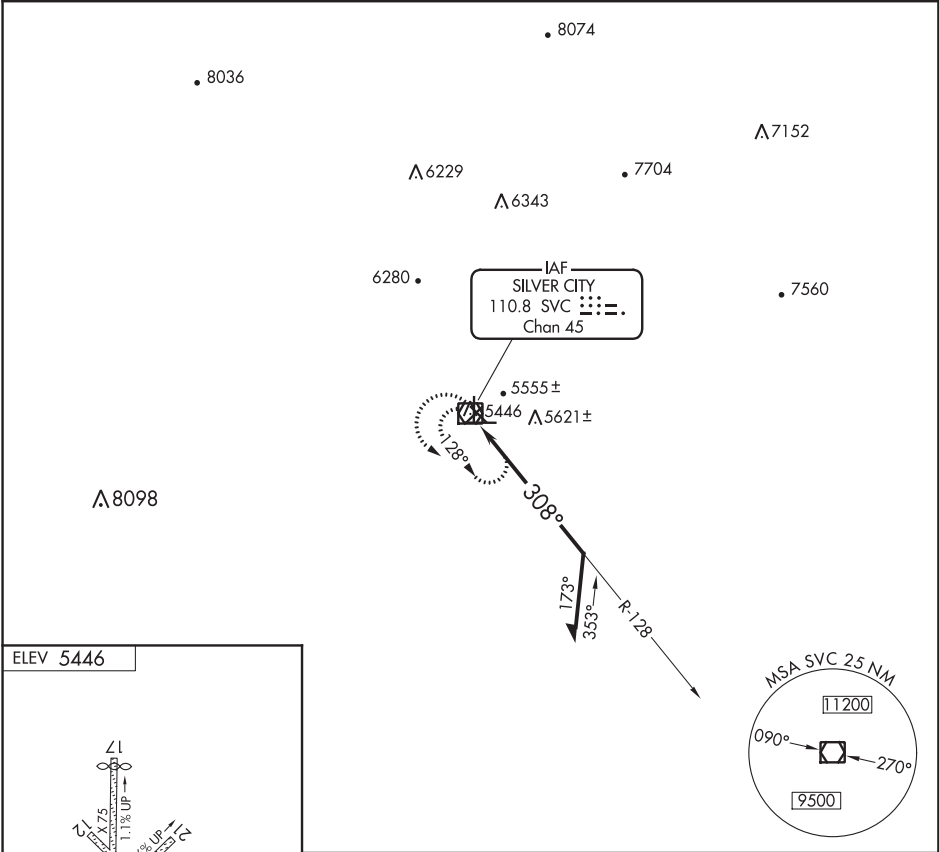


VOR/DME SVC <b>110.8</b> Chan <b>45</b>	APP CRS <b>308°</b>	Rwy Idg TDZE Apt Elev <b>5446</b>	<b>N/A</b> <b>N/A</b>
---	------------------------	--	--------------------------

VOR-A  
GRANT COUNTY (SVC)

<b>⚠</b> When local altimeter setting not received, procedure NA. Circling to Rwy 3, 12, 17, 21, 30, 35 NA at night.	MISSED APPROACH: Climbing left turn to 8000 via SVC R-128, then reverse course to SVC VOR/DME and hold.
--	---

AWOS-3 <b>126.725</b>	ALBUQUERQUE CENTER <b>134.45 327.15</b>	UNICOM <b>122.8</b> (CTAF) <b>①</b>
--------------------------	--	--



CATEGORY	A	B	C	D
CIRCLING	5920-1 474 (500-1)	5940-1 494 (500-1)	5960-1½ 514 (600-1½)	6020-2 574 (600-2)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(SVC2.SVC) 17005

## SILVER CITY TWO DEPARTURE (OBSTACLE)

SL-793 (FAA)

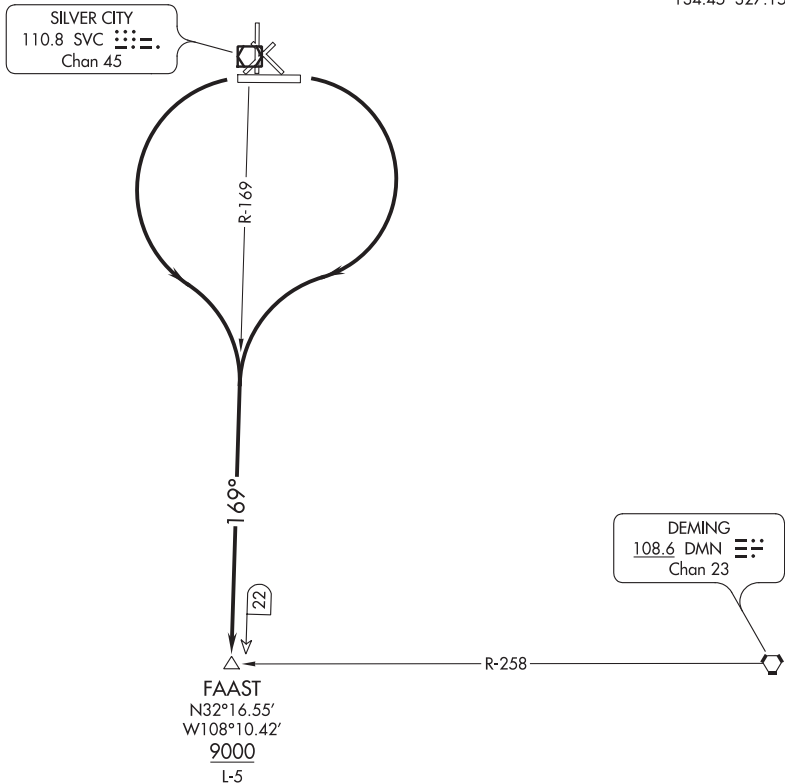
GRANT COUNTY (SVC)  
SILVER CITY, NEW MEXICO

AWOS-3

126.725

ALBUQUERQUE CENTER

134.45 327.15

TAKEOFF MINIMUMS

Rwys 3, 12, 17, 21, 30, 35: NA-Environmental.

Rwys 8, 26: Standard.

TAKEOFF OBSTACLE NOTES

Rwy 8: Vegetation beginning 225' from DER, 436' left of centerline, 13' AGL/5390' MSL.

Rwy 26: Trees beginning 45' from DER, 452' left of centerline, up to 8' AGL/5390' MSL.

NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climbing right turn to intercept the SVC VOR/DME R-169 to FAAST.  
Cross FAAST at or above 9000 before proceeding on course.

TAKEOFF RUNWAY 26: Climbing left turn to intercept the SVC VOR/DME R-169 to FAAST.  
Cross FAAST at or above 9000 before proceeding on course.

## SILVER CITY TWO DEPARTURE (OBSTACLE)

(SVC2.SVC) 05JAN17

SILVER CITY, NEW MEXICO  
GRANT COUNTY (SVC)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>65927</b> <b>W33A</b>	APP CRS <b>339°</b>	Rwy Idg TDZE <b>4782</b> Apt Elev <b>4875</b>
--	------------------------	---

RNAV (GPS) RWY 33

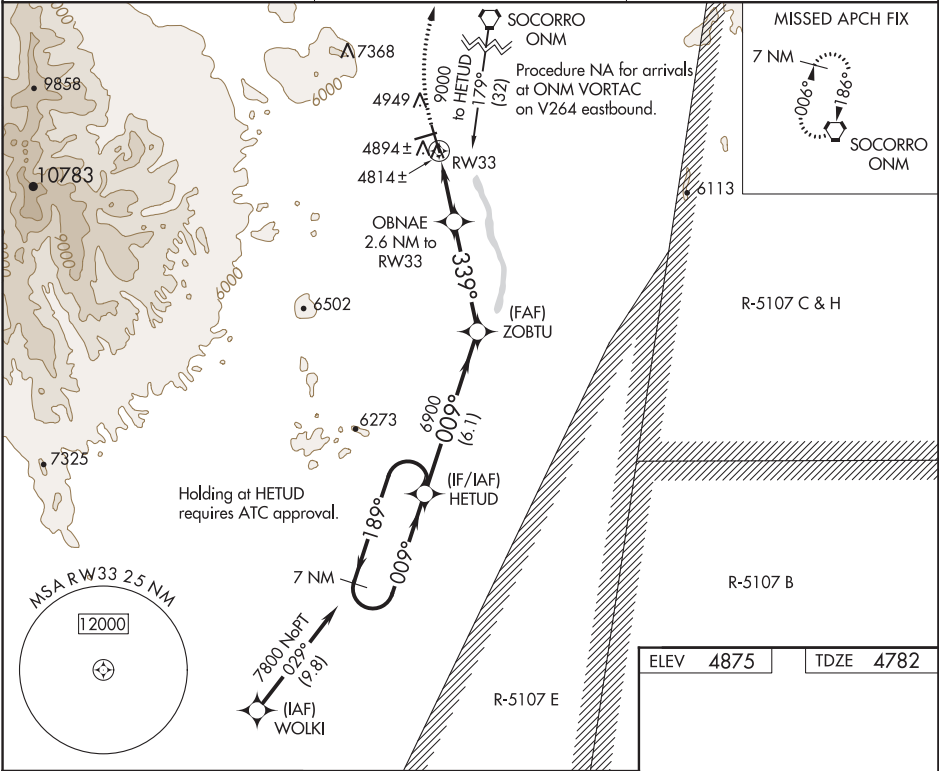
SOCORRO MUNI (ONM)

▼

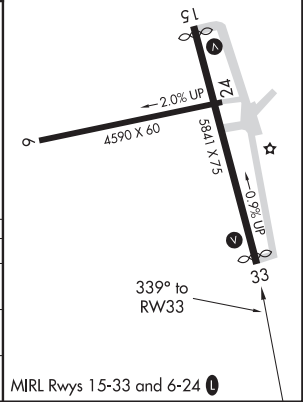
When VGSI inop, Circling Rwy 15 NA at night. When VGSI inop, Straight-in/Circling Rwy 33 procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Circling NA west of Rwy 15-33. When local altimeter setting not received, procedure NA.

MISSED APPROACH: Climbing right turn to 8000 direct ONM VORTAC and hold.

AWOS-3 <b>118.325</b>	ALBUQUERQUE CENTER <b>124.325 288.25</b>	UNICOM <b>122.8 (CTAF) 0</b>
--------------------------	---	---------------------------------



8000	ONM	VGSI and descent angles not coincident (VGSI Angle 4.00/TCH 26).			7 NM Holding Pattern
		ZOBUTU	HETUD	189°	7800
		OBNAE 2.6 NM to RW33	6900	009°	
		339°	5620	009°	
		2.6 NM	4 NM	6.1 NM	
CATEGORY	A	B	C	D	
LP MDA	5080-1		298 (300-1)	NA	
LNAV MDA	5160-1	378 (300-1)	5160-1 3/8 378 (300-1 3/8)	NA	
CIRCLING	5320-1 445 (500-1)	5340-1 465 (500-1)	5340-1 1/2 465 (500-1 1/2)	NA	





SOCORRO, NEW MEXICO

AL-550 (FAA)

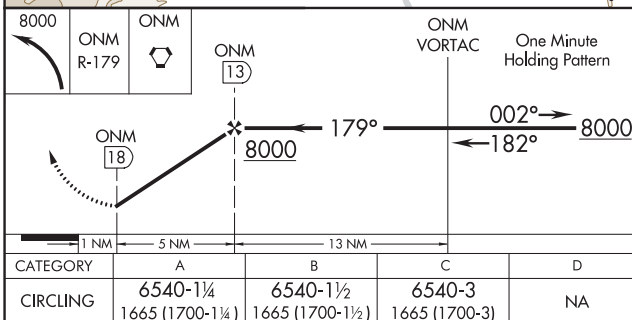
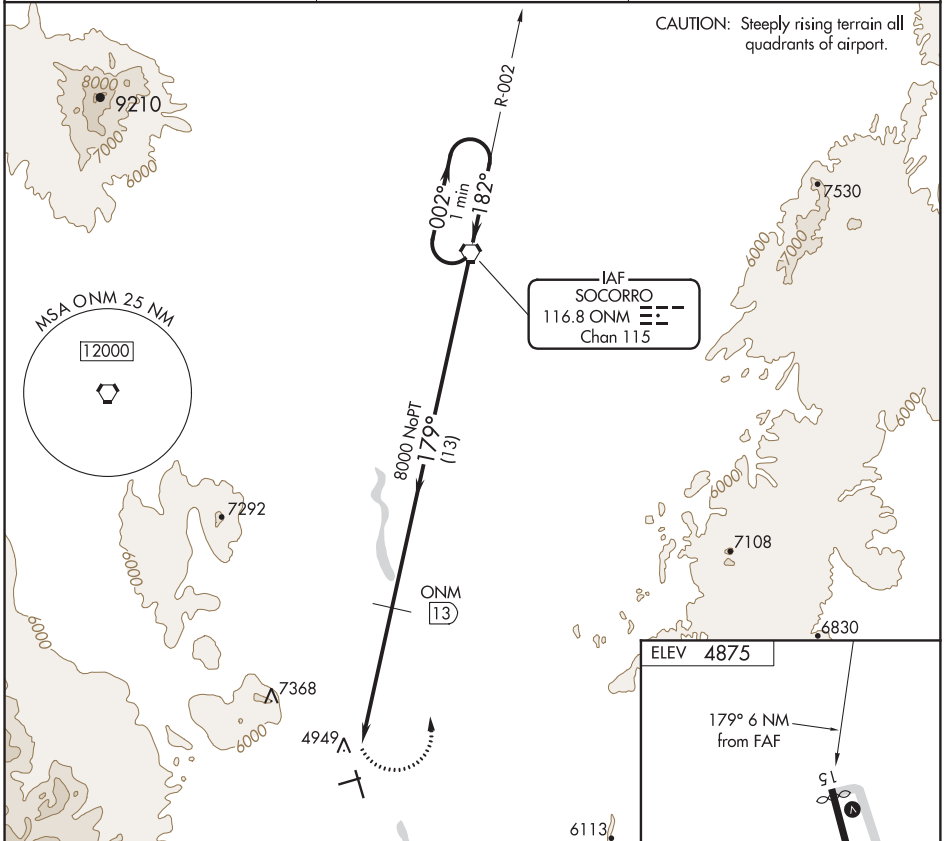
17285

VORTAC ONM <b>116.8</b> Chan <b>115</b>	APP CRS <b>179°</b>	Rwy Idg TDZE Apt Elev <b>N/A</b> <b>N/A</b> <b>4875</b>
---	------------------------	--

**VOR/DME-A**  
SOCORRO MUNI (ONM)

<p><b>⚠</b> <b>NA</b></p> <p>When local altimeter not available, procedure not authorized. Circling not authorized west of Rwy 15-33. If arrival over Socorro VOR is above 8000 descend in the holding pattern to 8000 before commencing approach.</p>	<p><b>MISSED APPROACH:</b> Climbing left turn to 8000 intercept ONM R-179 direct to ONM VORTAC and hold.</p>
--	--

AWOS-3 <b>118.325</b>	ALBUQUERQUE CENTER <b>124.325 288.25</b>	UNICOM <b>122.8 (CTAF) 0</b>
--------------------------	---	---------------------------------



MIRL Rwy 15-33 and 6-24 0

SOCORRO, NEW MEXICO

Orig-B 19APR01

34°01'N-106°54'W

SOCORRO MUNI (ONM)  
**VOR/DME-A**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

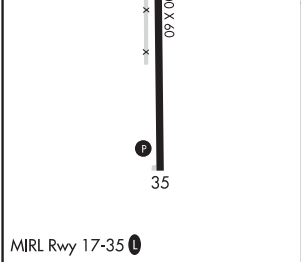
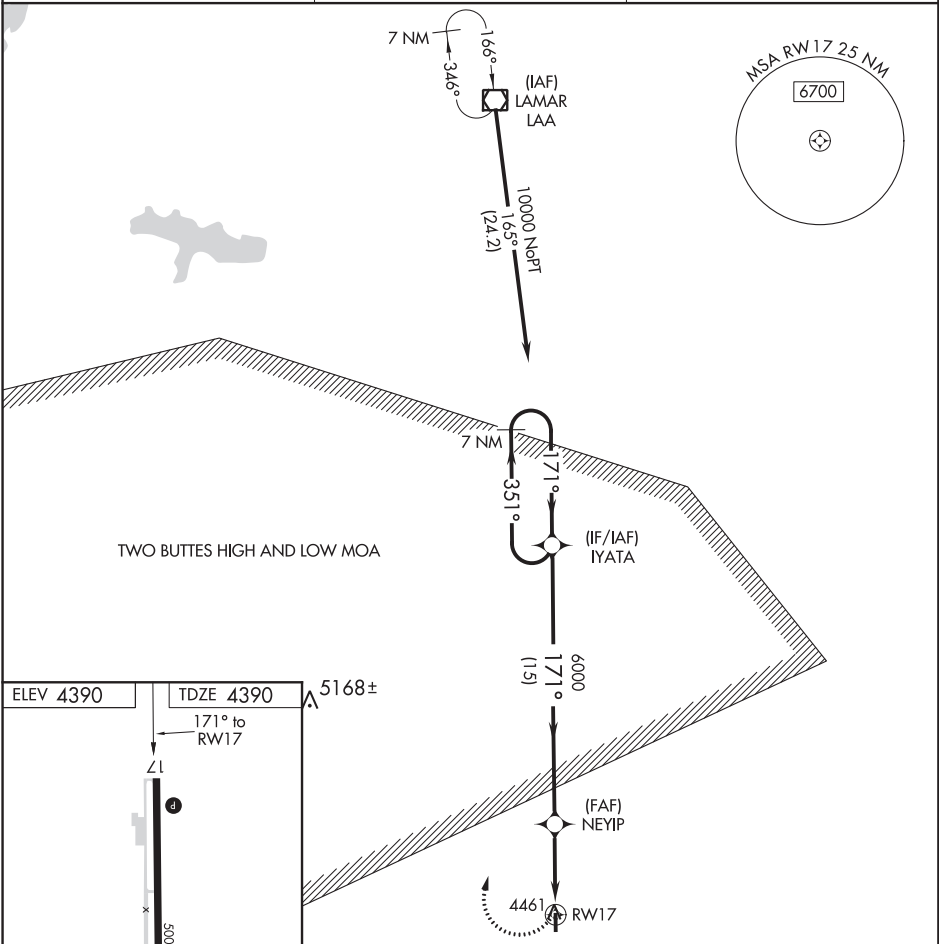


APP CRS	Rwy Idg	5000
171°	TDZE	4390
	Apt Elev	4390

RNAV (GPS) RWY 17  
SPRINGFIELD MUNI (8V7)

Use Lamar altimeter setting, if not received use La Junta altimeter setting and increase all MDAs 20 feet. DME/DME RNP-0.3 NA. MISSED APPROACH: Climbing right turn to 10000 direct IYATA and hold, continue climb-in-hold to 10000.

LAA ASOS 135.625	DENVER CENTER 133.4 377.175	CTAF 122.9
---------------------	--------------------------------	---------------



7 NM Holding Pattern	IYATA	NEYP	10000	IYATA
10000	351°	171°	3.04°	TCH 30
	171°	6000		RW17
	1.5 NM	4.9 NM		
CATEGORY	A	B	C	D
LNAV MDA	4960-1	570 (600-1)		NA
CIRCLING	5020-1	630 (700-1)		NA

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



STEAMBOAT SPRINGS/BOB ADAMS FIELD (SBS)  
40°31'N-106°52'W **RNAV (GPS)-E**



VOR/DME BQZ

112.2

Chan 59

APP CRS

352°

Rwy Idg TDZE

N/A

N/A

N/A

Apt Elev

6878

VOR/DME-C

STEAMBOAT SPRINGS/BOB ADAMS FIELD (SBS)

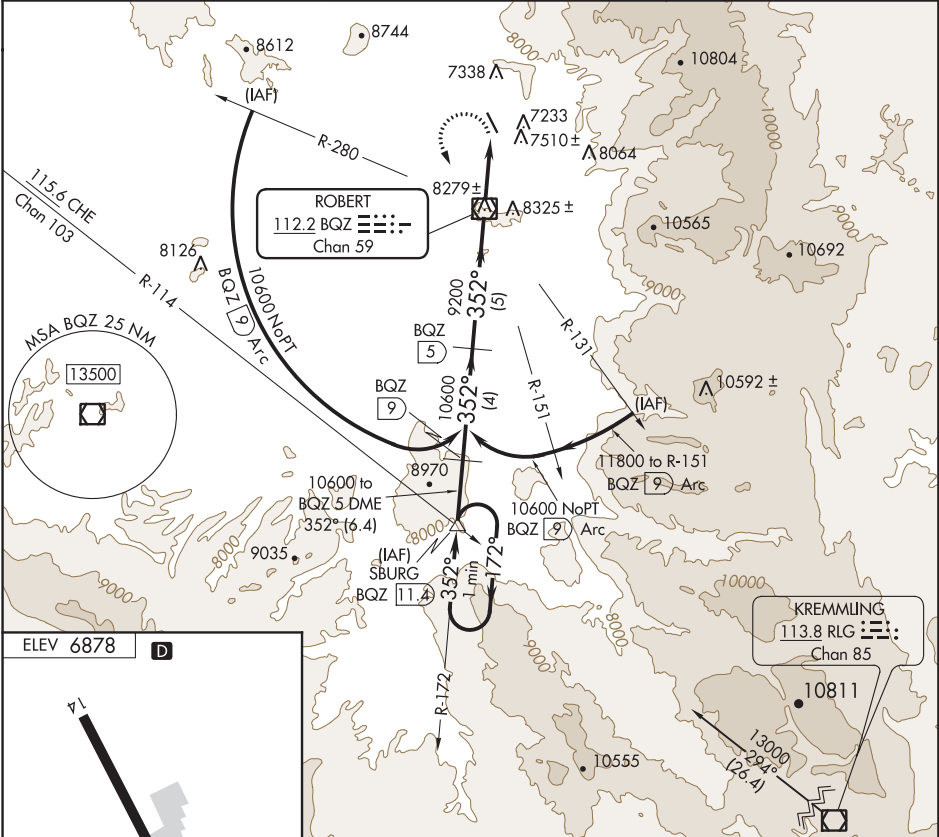
Obtain local altimeter setting on CTAF; when not received, procedure not authorized.

Procedure not authorized at night.

Circling not authorized northeast of Rwy 14 and 32.

MISSED APPROACH: Climbing left turn to 12100 direct BQZ VOR/DME then via BQZ VOR/DME R-172 to SBURG INT and hold.

AWOS-3	DENVER CENTER	UNICOM ★
118.325	120.475 235.975	122.8 (CTAF) 0



One Minute Holding Pattern

SBURG BQZ 11.4

12100

BQZ

BQZ R-172

SBURG

12100

172°

352°

352°

10600

BQZ 5

BQZ VOR/DME

9200

BQZ 2.9

CATEGORY

A

B

C

D

CIRCLING

8140-1¼  
1262 (1300-1¼)

8140-1½  
1262 (1300-1½)

NA



STERLING, COLORADO

AL-6348 (FAA)

20030

WAAS CH <b>56330</b> <b>W15A</b>	APP CRS <b>155°</b>	Rwy Idg TDZE Apt Elev	<b>5201</b> <b>4038</b> <b>4038</b>
--	------------------------	-----------------------------	---

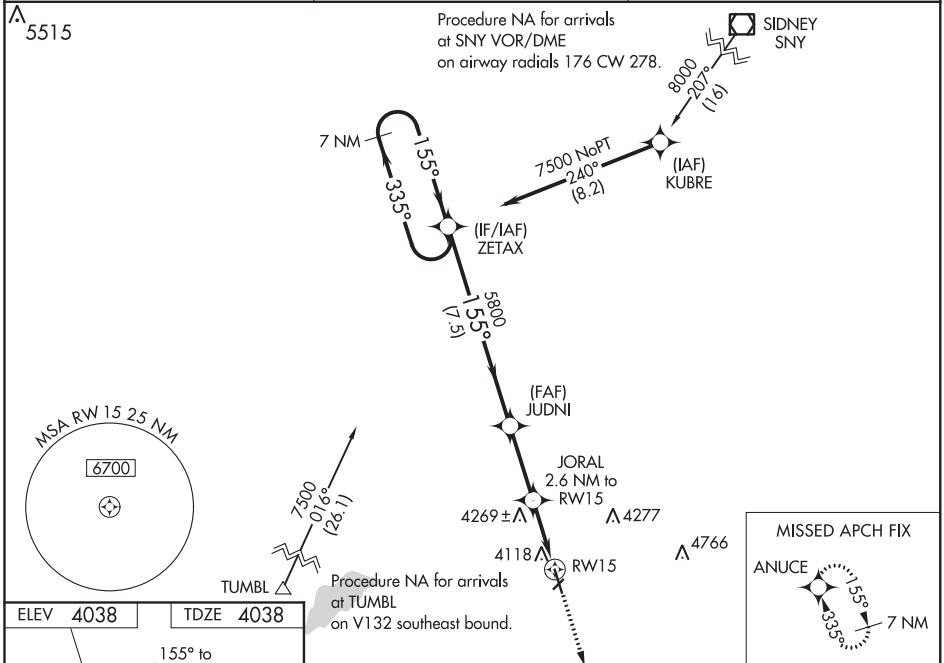
# RNAV (GPS) RWY 15

## STERLING MUNI (STK)

**Baro-VNAV NA** when using Akron altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 52°C (126°F). When VGSi inop, Straight-in/Circling Rwy 15 procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Akron altimeter setting and increase all DA 156 feet and all MDA 160 feet, increase visibility LPV and LNAV/VNAV all Cats  $\frac{3}{8}$  miles, LNAV Cats C/D  $\frac{3}{8}$  miles, Circling Cat C  $\frac{1}{2}$  mile, Cat D  $\frac{1}{4}$  mile.

**MISSED APPROACH:**  
Climb to 6400 direct ANUCE and hold.

AWOS-3 <b>118.525</b>	DENVER CENTER <b>118.475 225.4</b>	UNICOM <b>122.8 (CTAF)</b>
--------------------------	---------------------------------------	-------------------------------



7 NM Holding Pattern		ZETAX	JUDNI	JORAL 2.6 NM to RW15	RW15
7500		335°	155°	5800	4900
GP 3.00° TCH 44					
		7.5 NM	2.8 NM	2.6 NM	
CATEGORY	A	B	C	D	
LPV DA	4288-1 250 (300-1)				
LNAV/VNAV DA	4288-1 250 (300-1)				
LNAV MDA	4480-1	442 (500-1)	4480-1 $\frac{3}{8}$	442 (500-1 $\frac{3}{8}$ )	
CIRCLING	4520-1 482 (500-1)	4540-1 502 (600-1)	4580-1 $\frac{1}{2}$ 542 (600-1 $\frac{1}{2}$ )	4600-2 562 (600-2)	

STERLING, COLORADO

Orig-B 15SEP16

40°37'N-103°16'W

# STERLING MUNI (STK)

## RNAV (GPS) RWY 15

SW-1, 30 JAN 2020 to 26 MAR 2020



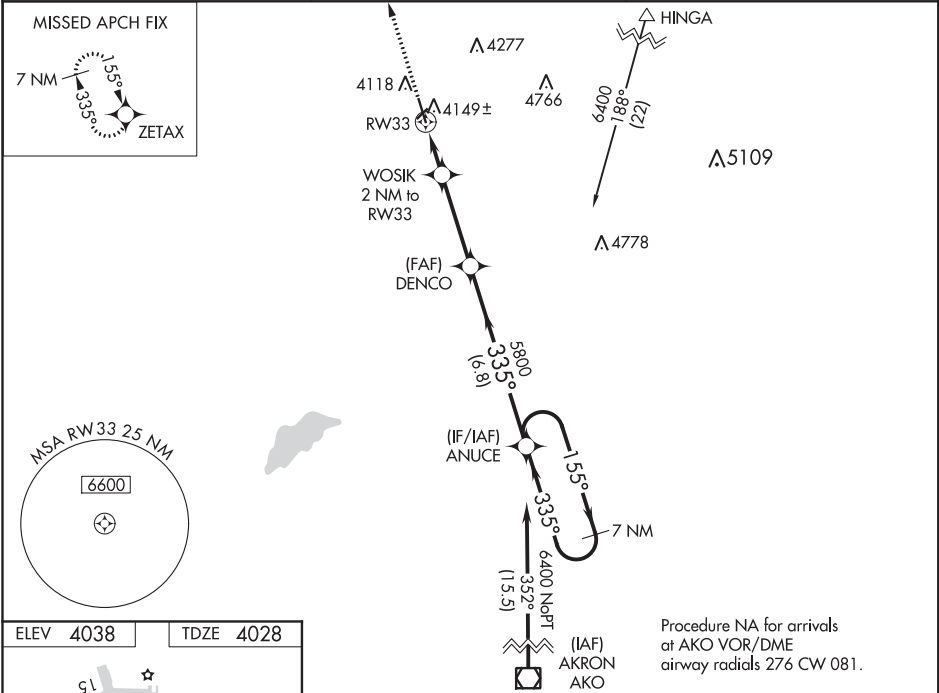
WAAS CH <b>65730</b> <b>W33A</b>	APP CRS <b>335°</b>	Rwy Idg TDZE Apt Elev	<b>5201</b> <b>4028</b> <b>4038</b>
--	------------------------	-----------------------------	---

RNAV (GPS) RWY 33  
STERLING MUNI (STK)

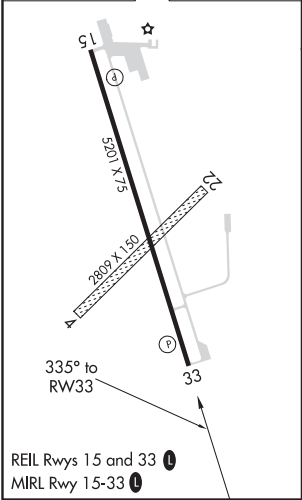
Baro-VNAV and VDP NA when using Akron altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 52°C (126°F). When local altimeter setting not received, use Akron altimeter setting and increase all DA 156 feet and all MDA 160 feet, increase LPV and LNAV/VNAV visibility all Cats ½ mile, increase LNAV Cat C/D and Circling Cat C visibility ½ mile and Circling Cat D visibility ¼ mile. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.





MISSED APPROACH: Climb to 7500 direct ZETAX and hold.

AWOS-3 <b>118.525</b>	DENVER CENTER <b>118,475 225.4</b>	UNICOM <b>122.8 (CTAF) 0</b>
--------------------------	---------------------------------------	---------------------------------



ELEV <b>4038</b>	TDZE <b>4028</b>
------------------	------------------



7500	ZETAX	ANUCE				7 NM Holding Pattern
						
*LNAV only.		WOSIK 2 NM to RW33	DENCO 5800	ANUCE		155° →
		*1 NM to RW33	4700*	335°	← 335°	6400
		1 NM	1 NM	3.4 NM	6.8 NM	GP 3.00° TCH 44
CATEGORY		A	B	C	D	
LPV DA		4278- <sup>3</sup> / <sub>4</sub> 250 (300- <sup>3</sup> / <sub>4</sub> )				
LNAV/VNAV DA		4332-1 304 (300-1)				
LNAV MDA		4400-1 372 (400-1)				
CIRCLING		4520-1 482 (500-1)	4540-1 502 (600-1)	4580-1½ 542 (600-1½)	4600-2 562 (600-2)	

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



TAOS, NEW MEXICO

AL-5863 (FAA)

19115

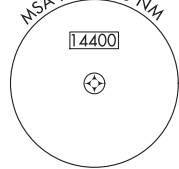
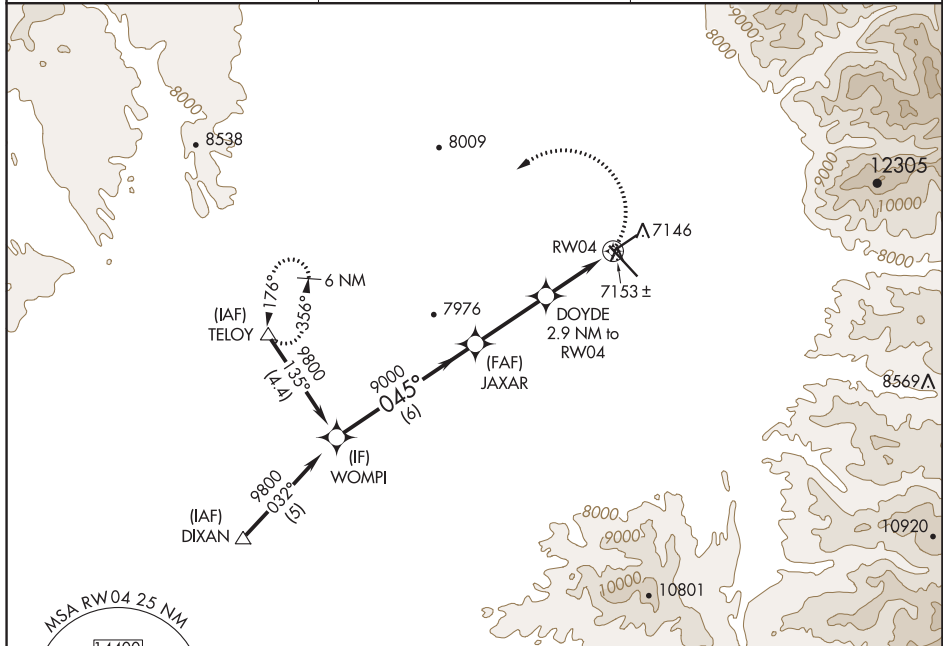
APP CRS <b>045°</b>	Rwy Idg TDZE Apt Elev	<b>5504</b> <b>7070</b> <b>7091</b>
------------------------	-----------------------------	---

# RNAV (GPS) RWY 4

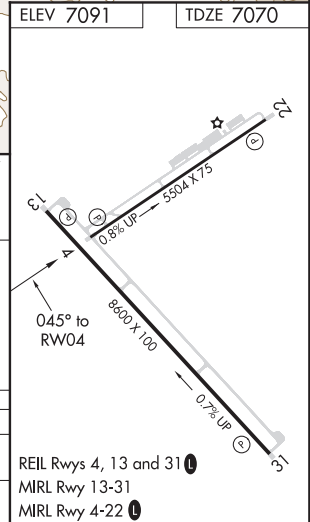
TAOS RGNL (SKX)

<b>7</b> DME/DME RNP-0.3 NA If local altimeter setting not received, procedure NA.	MISSED APPROACH: Climbing left turn to 11000 direct TELOY and hold.
---	---

AWOS-3PT <b>132.975</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	UNICOM <b>122.8 (CTAF) 0</b>
----------------------------	---	---------------------------------



Procedure Turn NA WOMPI 9800 045° 9000 045° 8020 RW04 2.9 NM to RW04 3.01° TCH 40 6 NM 3.1 NM 2.9 NM				11000 TELOY △
CATEGORY	A	B	C	D
RNAV MDA	7480-1	412 (400-1)	7480-1¼	412 (400-1¼)
CIRCLING	7540-1 449 (500-1)	7560-1 469 (500-1)	7600-1½ 509 (600-1½)	7660-2 569 (600-2)



TAOS, NEW MEXICO

Orig-A 08JUN06

36°27'N-105°40'W

TAOS RGNL (SKX)

# RNAV (GPS) RWY 4

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>97441</b> <b>W13A</b>	APP CRS <b>126°</b>	Rwy Idg TDZE Apt Elev	<b>8603</b> <b>7057</b> <b>7095</b>
--	------------------------	-----------------------------	---

RNAV (GPS) RWY 13

TAOS RGNL (SKX)

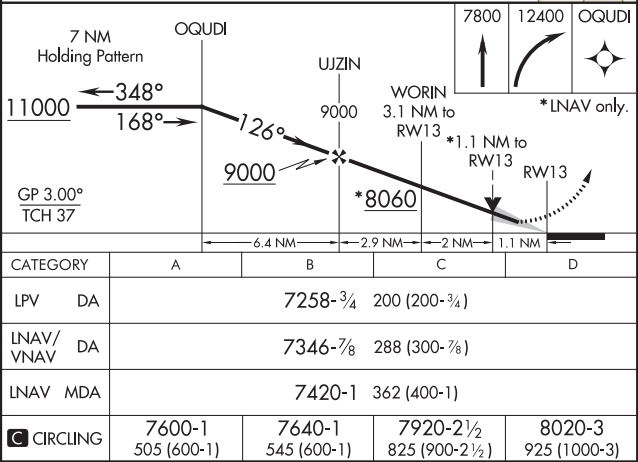
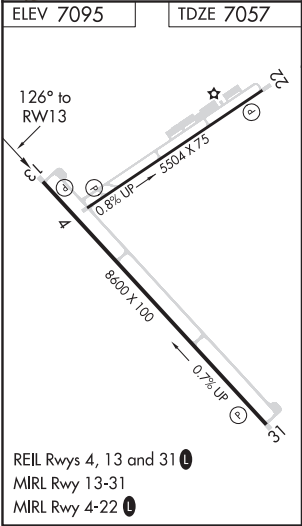
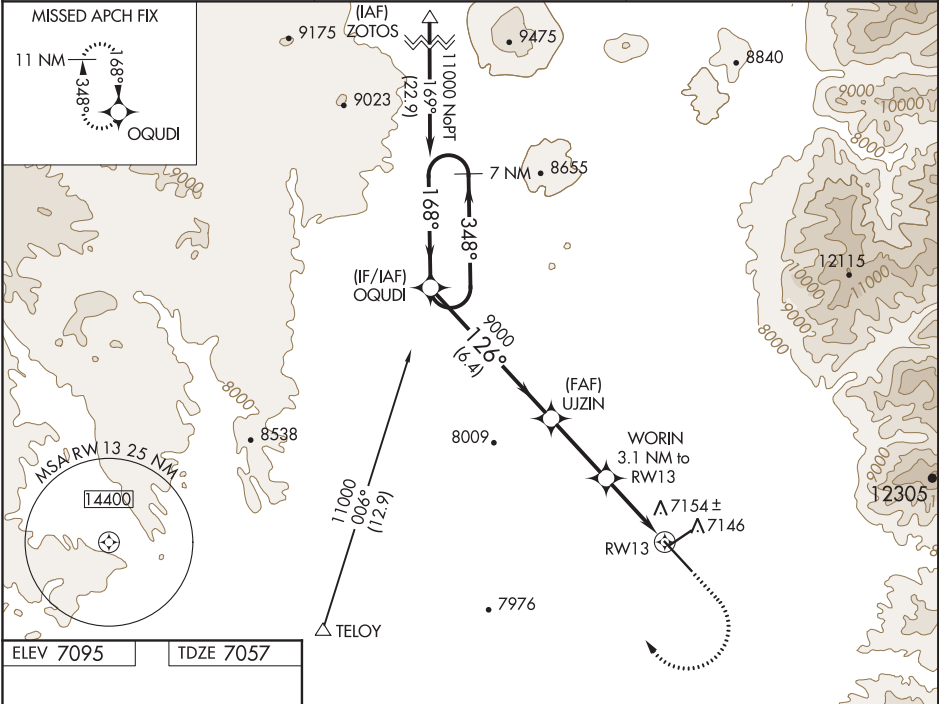
⚠

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -29°C (-20°F) or above 47°C (118°F).  
DME/DME RNP-0.3 NA.

⚠

MISSED APPROACH: (Do not exceed 250K until OQUDI)  
Climb to 7800 then climbing right turn to 12400 direct OQUDI and hold, continue climb-in-hold to 12400.

AWOS-3PT <b>132.975</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	UNICOM <b>122.8 (CTAF) 0</b>
----------------------------	---	---------------------------------





TAOS, NEW MEXICO

AL-5863 (FAA)

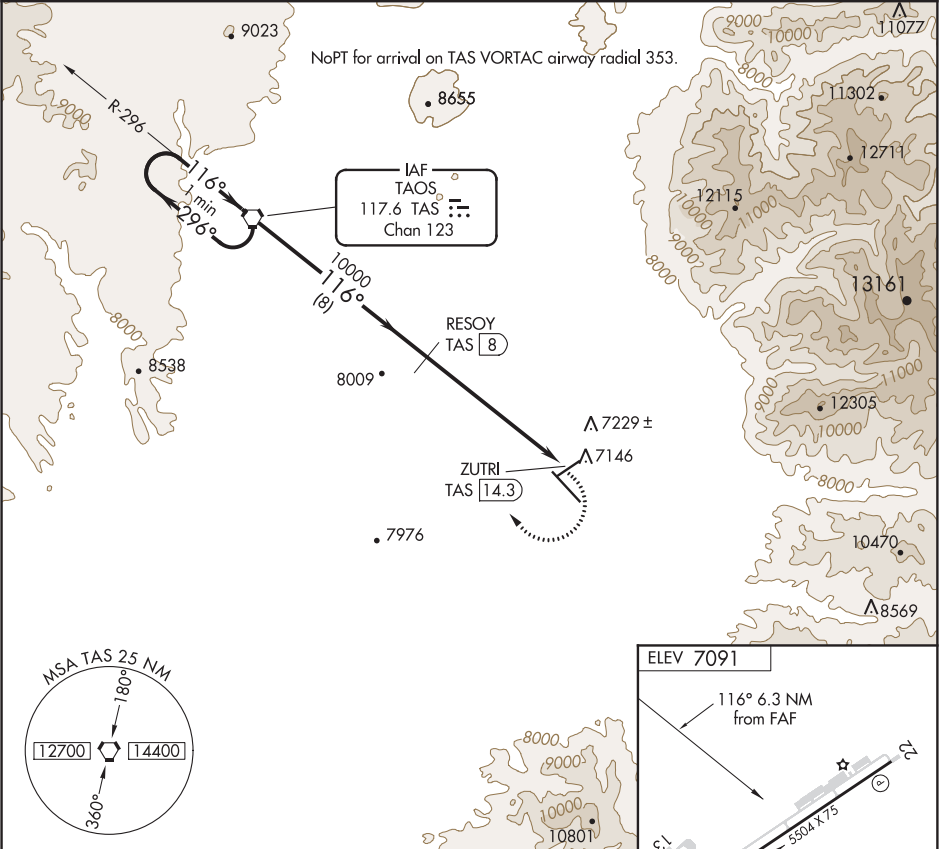
19115

VORTAC TAS <b>117.6</b> Chan <b>123</b>	APP CRS <b>116°</b>	Rwy Idg TDZE Apt Elev	<b>N/A</b> <b>N/A</b> <b>7091</b>
---	------------------------	-----------------------------	---

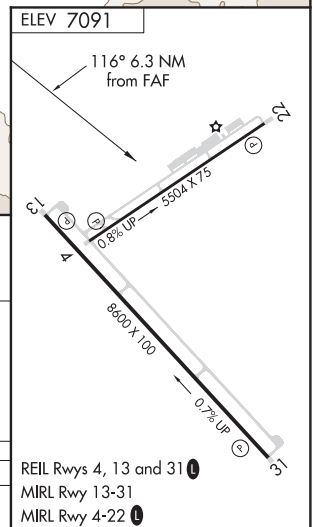
**VOR/DME-B**  
TAOS RGNL (SKX)

	MISSED APPROACH: Climbing right turn to 12000 direct TAS VORTAC and hold.
--	--

AWOS-3PT <b>132.975</b>	ALBUQUERQUE CENTER <b>132.8 346.35</b>	UNICOM <b>122.8 (CTAF) 0</b>
----------------------------	---	---------------------------------



One Minute Holding Pattern		TAS VORTAC		RESOY TAS 8		ZUTRI TAS 14.3	
12000		296°		116°		10000	
116°		116°		116°		10000	
8 NM		8 NM		6.3 NM		6.3 NM	
CATEGORY	A	B	C	D			
CIRCLING	8000-1¼ 909 (1000-1¼)		8000-2¾ 909 (1000-2¾)		8000-3 909 (1000-3)		



TAOS, NEW MEXICO  
Amdt 3A 08APR10

36°27'N-105°40'W

TAOS RGNL (SKX)  
**VOR/DME-B**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>82621</b> <b>W09A</b>	APP CRS <b>096°</b>	Rwy Idg TDZE Apt Elev	<b>6911</b> <b>9038</b> <b>9070</b>
--	------------------------	-----------------------------	---

RNAV (GPS) Y RWY 9

TELLURIDE RGNL (TEX)

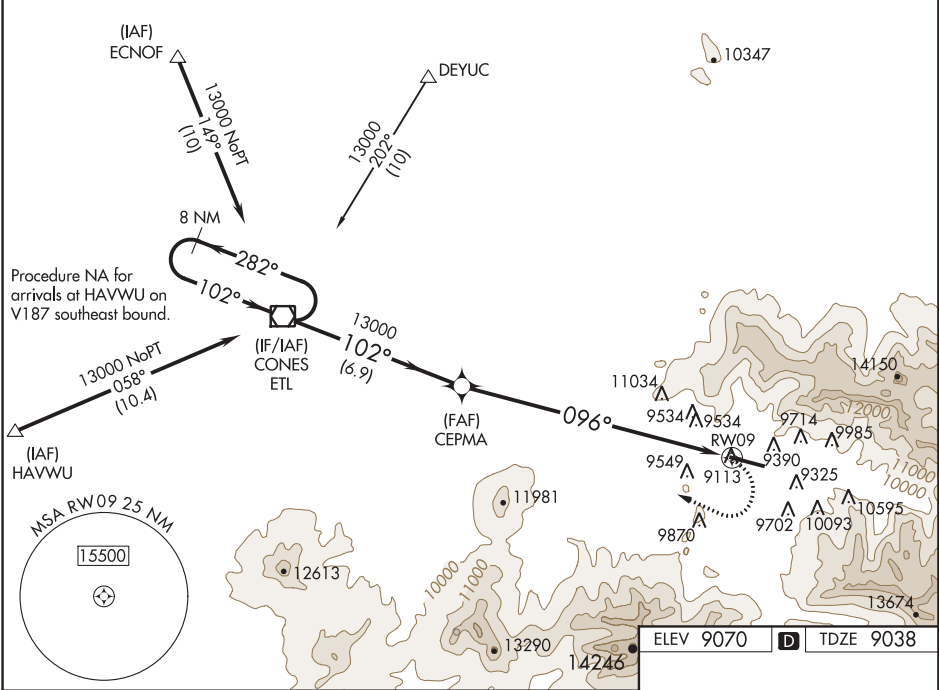
Circling NA at night. When local altimeter setting not received, procedure NA.

Circling NA north of Rwy 9-27. DME/DME RNP-0.3 NA.

# Missed approach requires a minimum climb of 380 feet per NM to 12500.

MISSED APPROACH: Climbing right turn to 15000 direct ETL VOR/DME and hold, continue climb-in-hold to 15000.

AWOS-3 <b>118.325</b>	DENVER CENTER <b>125.35 354.05</b>	UNICOM <b>123.0 (CTAF) 0</b>
--------------------------	---------------------------------------	---------------------------------



8 NM Holding Pattern		ETL VOR/DME	CEPMA	15000 ETL
13000 ← 282°		102° → 13000	*6.3 NM to RW09	*LNAV only.
102° → 13000		13000	3.69° TCH 46	RW09
6.9 NM		3.7 NM	6.3 NM	
CATEGORY	A	B	C	D
LP MDA	11500-1¼ 2462 (2500-1¼)	11500-1½ 2462 (2500-1½)	NA	
LNAV MDA#	11900-1¼ 2862 (2900-1¼)	11900-1½ 2862 (2900-1½)	NA	
LNAV MDA	12140-1¼ 3102 (3100-1¼)	12140-1½ 3102 (3100-1½)	NA	
CIRCLING	12140-1¼ 3070 (3100-1¼)	12140-1½ 3070 (3100-1½)	NA	

REIL Rwy 9 and 27 **0**

HIRL Rwy 9-27 **0**



TELLURIDE, COLORADO

AL-6920 (FAA)

18200

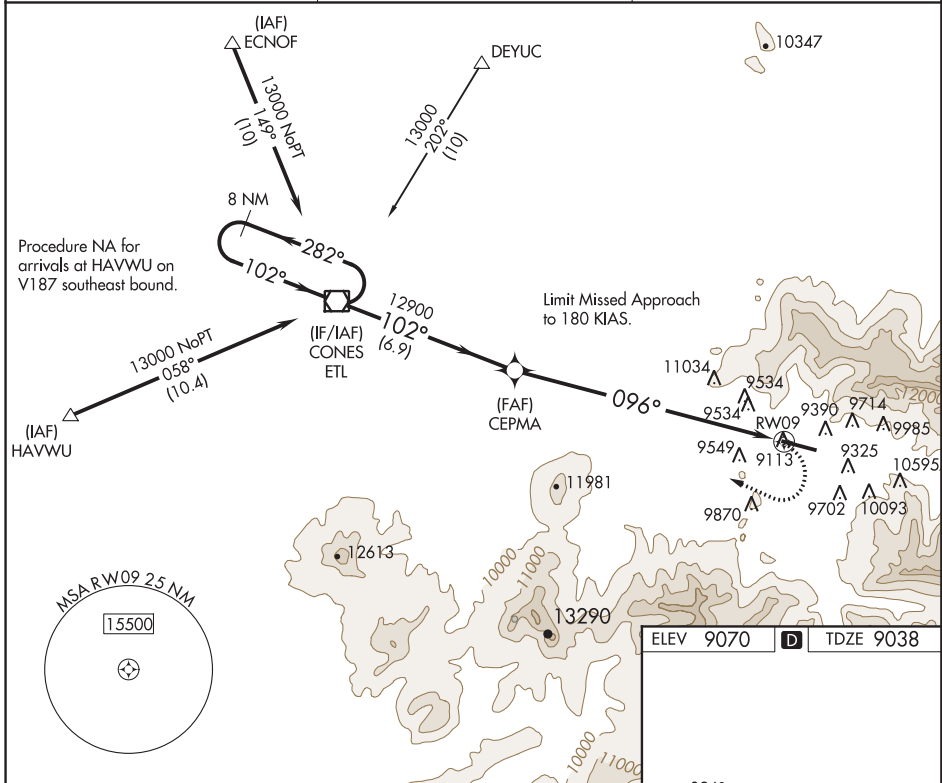
WAAS CH <b>82637</b> <b>W09B</b>	APP CRS <b>096°</b>	Rwy Idg <b>6911</b> TDZE <b>9038</b> Apt Elev <b>9070</b>
--	------------------------	---

# RNAV (GPS) Z RWY 9

TELLURIDE RGNL (TEX)

<p><b>⚠</b> Circling NA at night. When local altimeter setting not received, procedure NA. Circling NA north of Rwy 9-27. DME/DME RNP-0.3 NA.</p> <p>* Missed approach requires a minimum climb of 380 feet per NM to 12500; if unable to meet climb gradient, see RNAV (GPS) Y RWY 9.</p>	<p><b>MISSED APPROACH:</b> Climbing right turn to 15000 direct ETL VOR/DME and hold, continue climb-in-hold to 15000.</p>
--	---

AWOS-3 <b>118.325</b>	DENVER CENTER <b>125.35 354.05</b>	UNICOM <b>123.0 (CTAF) ①</b>
--------------------------	---------------------------------------	---------------------------------



<p>8 NM Holding Pattern</p> <p>ETL VOR/DME</p> <p>CEPMA</p> <p>13000 ← 282° 102° → 102° 3.59° TCH 46 RWY 9</p> <p>6.9 NM 10 NM</p>				
CATEGORY	A	B	C	D
LP MDA*	10640-1¼ 1602 (1600-1¼)	10640-1½ 1602 (1600-1½)	10640-3 1602 (1600-3)	NA
<b>C</b> CIRCLING	11640-1¼ 2570 (2600-1¼)	11640-1½ 2570 (2600-1½)	11640-3 2570 (2600-3)	NA

HIRL Rwy 9-27 ①  
REIL Rlys 9 and 27 ①

TELLURIDE, COLORADO

Orig-A 28APR16

37°57'N-107°55'W

TELLURIDE RGNL (TEX)

# RNAV (GPS) Z RWY 9

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



LOC/DME I-TEX  
**109.3**  
Chan **30**

APP CRS  
**093°**

Rwy Idg  
TDZE **9037**  
Apt Elev **9070**

LOC RWY 9  
TELLURIDE RGNL (TEX)

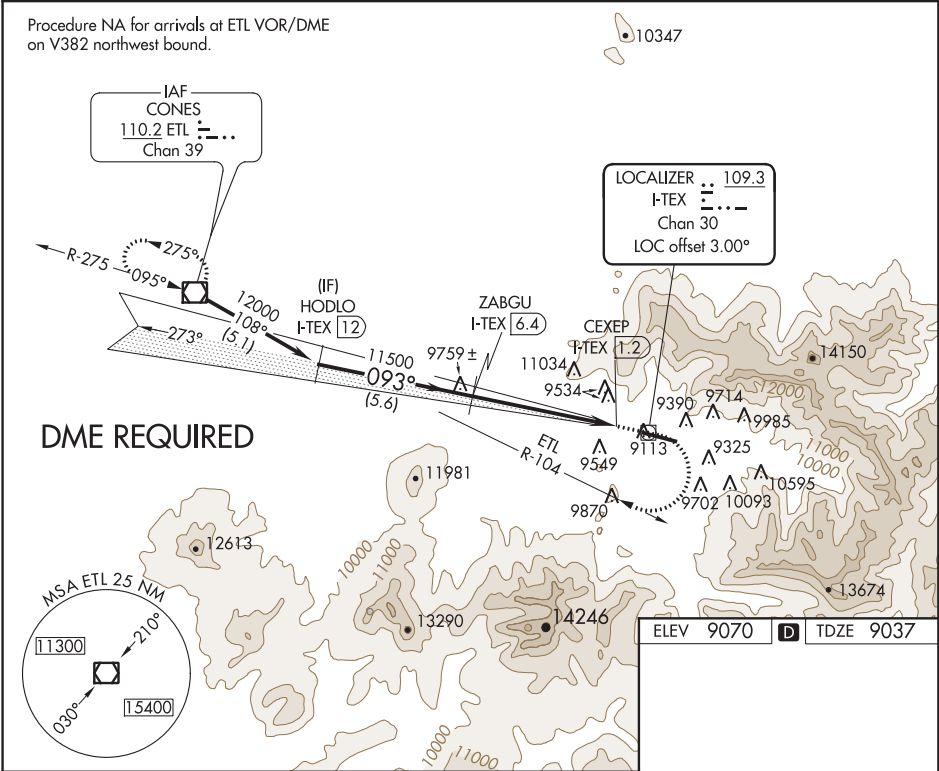
Circling NA north of Rwy 9-27.  
Circling NA at night.  
DME required.

MISSED APPROACH: Climb to 11800 then climbing right turn to 13500 on ETL R-104 to ETL VOR/DME and hold.

AWOS-3  
**118.325**

DENVER CENTER  
**125.35 354.05**

UNICOM  
**123.0 (CTAF) 1**



VGSI and descent angles not coincident (VGSI Angle 3.55/TCH 46).

HODLO I-TEX 12

ZABGU I-TEX 6.4

CEXEP I-TEX 1.2

12000

11500

11800

13500

ETL

093°

3.62°

TCH 46

5.6 NM

5.2 NM

1.0

CATEGORY

A

B

C

D

S-9

11340-1¼  
2303 (2300-1¼)

11340-1½  
2303 (2300-1½)

NA

CIRCLING

11340-1¼  
2270 (2300-1¼)

11340-1½  
2270 (2300-1½)

NA

REIL Rwy 9 and 27 1

HIRL Rwy 9-27 1



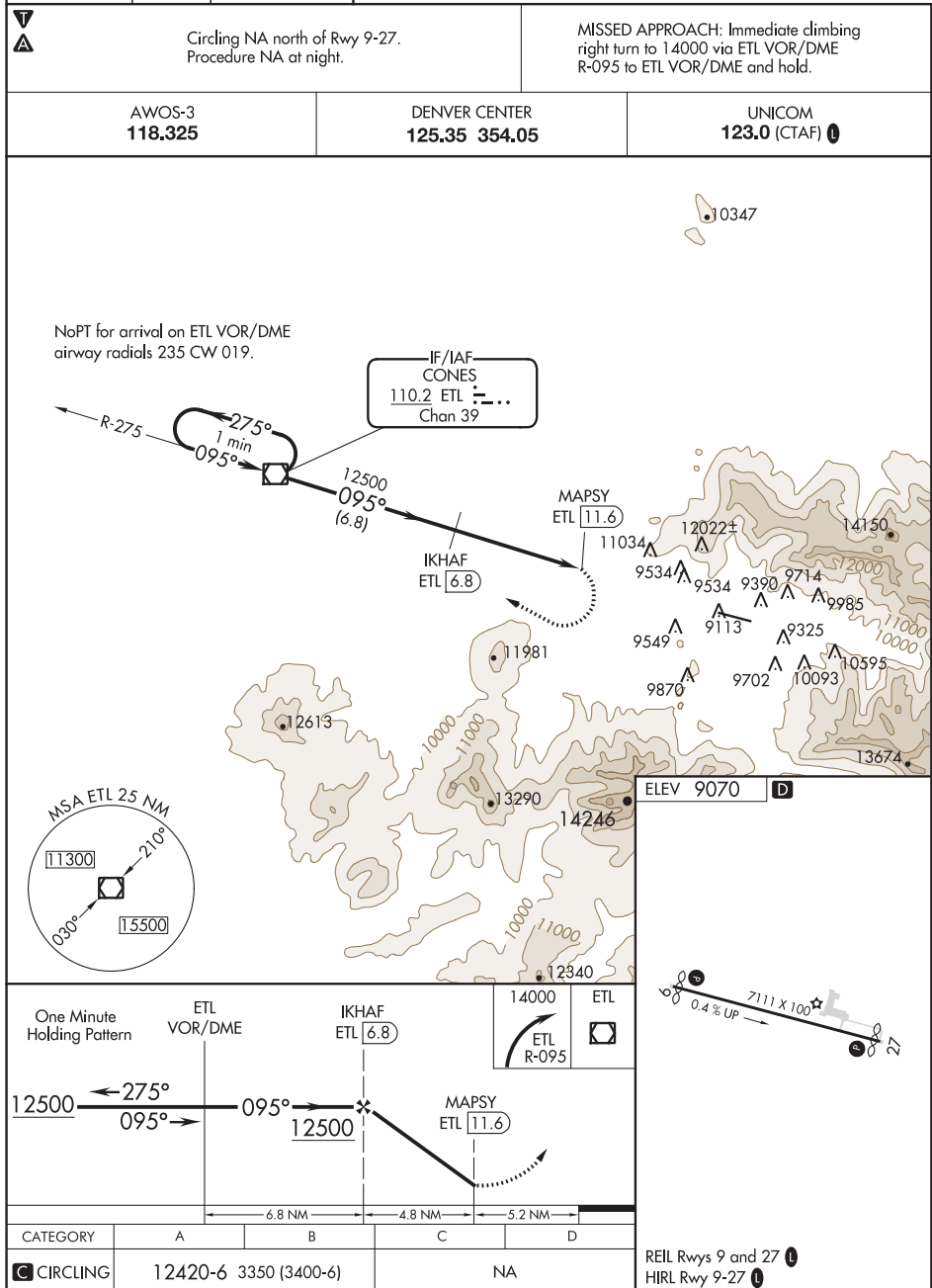
TELLURIDE, COLORADO

AL-6920 (FAA)

20030

VOR/DME ETL <b>110.2</b> Chan <b>39</b>	APP CRS <b>095°</b>	Rwy Idg TDZE Apt Elev <b>N/A</b> <b>N/A</b> <b>9070</b>
---	------------------------	--

**VOR/DME-A**  
TELLURIDE RGNL (TEX)



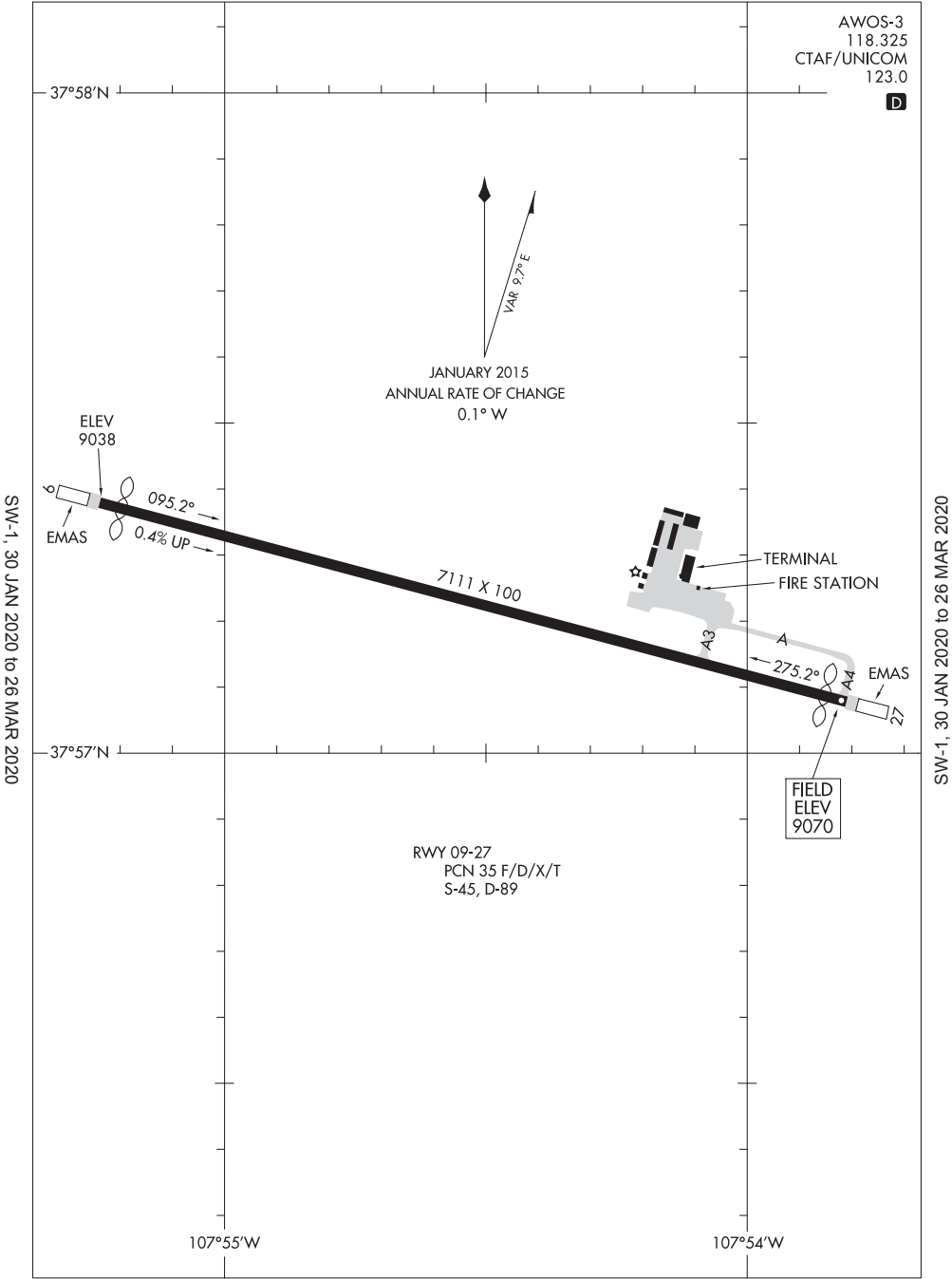
TELLURIDE, COLORADO

Amdt 1A 30JAN20

37°57'N-107°55'W

TELLURIDE RGNL (TEX)  
**VOR/DME-A**







TRINIDAD, COLORADO

AL-427 (FAA)

19171

APP CRS	Rwy Idg	5500
035°	TDZE	5757
	Apt Elev	5762

# RNAV (GPS) RWY 3

PERRY STOKES (TAD)

RNP APCH.

▼

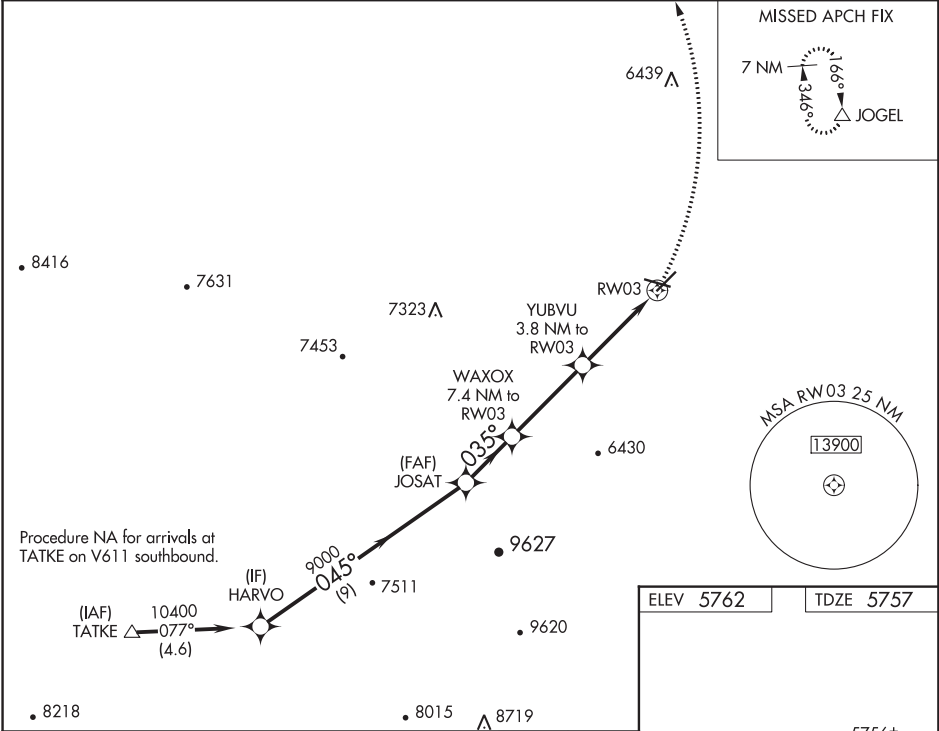
⚠

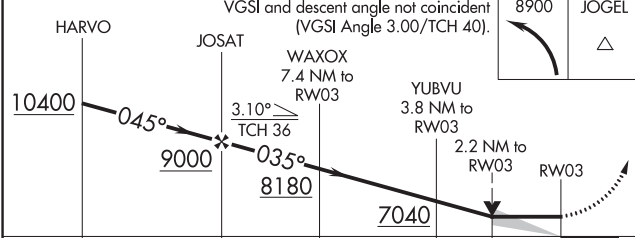
❄ -26°C

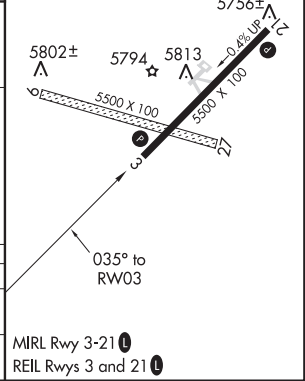
Circling NA to Rwy 9 and 27. VDP NA when using Pueblo Memorial altimeter setting. When local altimeter setting not received, use Pueblo Memorial altimeter setting and increase all MDAs 300 feet; increase LNAV Cts A/B visibility ¼ SM and Cts C/D visibility 1 SM and Circling Cts A/B visibility ¼ SM, Cat C 1 SM, and Cat D ½ SM.

MISSED APPROACH: Climbing left turn to 8900 direct JOGEL and hold.

AWOS-3 119.025	DENVER CENTER 128.375 379.95	UNICOM 122.8 (CTAF) 0
-------------------	---------------------------------	--------------------------



VGSI and descent angle not coincident (VGSI Angle 3.00/TCH 40).				
				
CATEGORY	A	B	C	D
LNAV MDA	6500-1 743 (800-1)	6500-1¼ 743 (800-1¼)	6500-2 743 (800-2)	743 (800-2)
CIRCLING	6500-1 738 (800-1)	6500-1¼ 738 (800-1¼)	6500-2 738 (800-2)	6560-2½ 798 (800-2½)



TRINIDAD, COLORADO  
Amdt 1B 20JUN19

37°16'N-104°20'W

PERRY STOKES (TAD)  
RNAV (GPS) RWY 3

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



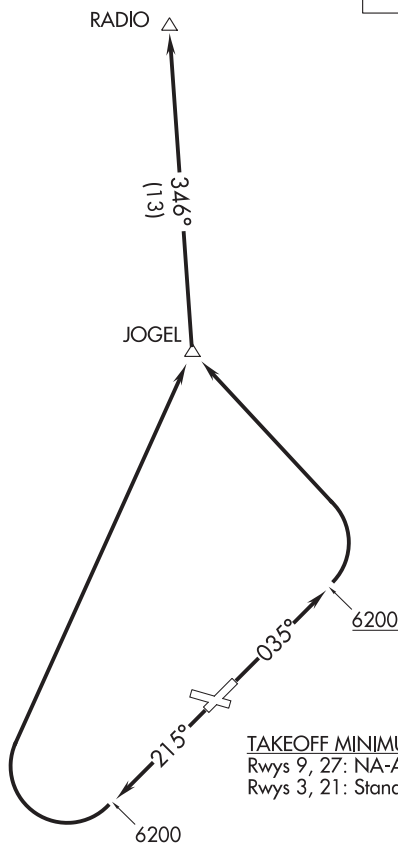




(TAD1.TAD) 16259

SL-427 (FAA)

## TRINIDAD ONE DEPARTURE (OBSTACLE) (RNAV)

PERRY STOKES (TAD)  
TRINIDAD, COLORADODENVER CENTER  
128.375**TOP ALTITUDE:  
ASSIGNED BY ATC**

NOTE: GPS required.

NOTE: RNAV-1.

TAKEOFF OBSTACLE NOTES

Rwy 3: Multiple trees beginning 46' from DER, left and right of centerline, up to 15' AGL/5744' MSL.

TAKEOFF MINIMUMS  
Rwys 9, 27: NA-ATC  
Rwys 3, 21: Standard

NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 035° to 6200, then climbing left turn to 10000 direct JOGEL and on track 346° to RADIO.

TAKEOFF RUNWAY 21: Climb heading 215° to 6200, then climbing right turn to 10000 direct JOGEL and on track 346° to RADIO.

LOST COMMUNICATIONS:

If not in contact with Denver ARTCC at 10000 or assigned altitude if lower, continue climb to assigned altitude and thence on assigned route.

TRINIDAD ONE DEPARTURE (OBSTACLE) (RNAV)

(TAD1.TAD) 15SEP16

TRINIDAD, COLORADO  
PERRY STOKES (TAD)







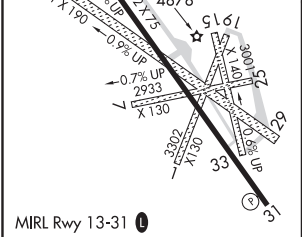
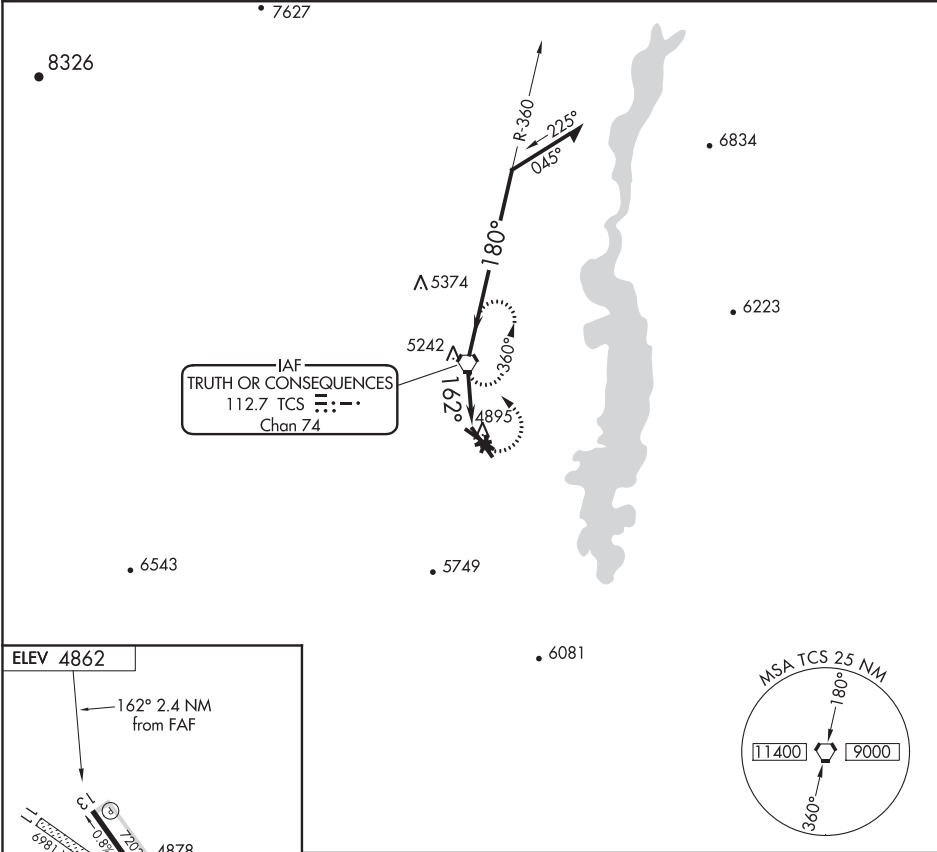
VORTAC TCS	APP CRS	Rwy Idg	N/A
112.7	162°	TDZE	N/A
Chan 74		Apt Elev	4862

VOR-A

TRUTH OR CONSEQUENCES MUNI (TCS)

<p><b>⚠</b> Circling NA to Rwys 1, 7, 11, 15, 19, 25, 29 and 33.</p>	<p>MISSED APPROACH: Climbing left turn to 8300 direct TCS VORTAC and hold, continue climb-in-hold to 8300.</p>
--	--

ASOS 120.675	ALBUQUERQUE CENTER 128.2 285.5	UNICOM 122.8 (CTAF) <b>0</b>
-----------------	-----------------------------------	---------------------------------



FAF to MAP 2.4 NM						CATEGORY			
Knots	60	90	120	150	180	A	B	C	D
Min:Sec	2:24	1:36	1:12	0:58	0:48	CIRCLING			
						5560-1 698 (700-1)			
						5560-2 698 (700-2)			
						5560-2 1/4 698 (700-2 1/4)			



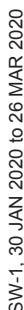
# RNAV (GPS) RWY 3

## TUCUMCARI MUNI (TCC)

If local altimeter setting not received, procedure NA.

**MISSED APPROACH:** Climb to 6000 direct CESRU and hold.

ASOS <b>119.275</b>	ALBUQUERQUE CENTER <b>126.85 285.6</b>	UNICOM <b>122.95 (CTAF) ①</b>
------------------------	---	----------------------------------





TUCUMCARI, NEW MEXICO

AL-431 (FAA)

19115

APP CRS  
**213°**

Rwy Idg **7104**  
TDZE **4047**  
Apt Elev **4065**

# RNAV (GPS) RWY 21

TUCUMCARI MUNI (TCC)

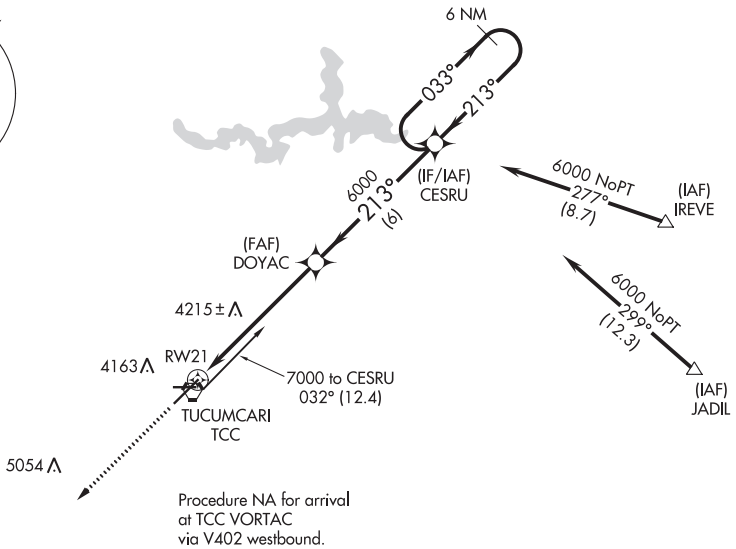
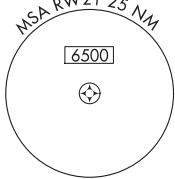
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.  
Circling to Rwy 8 NA at night.  
If local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 7000 direct TUCOB and hold.

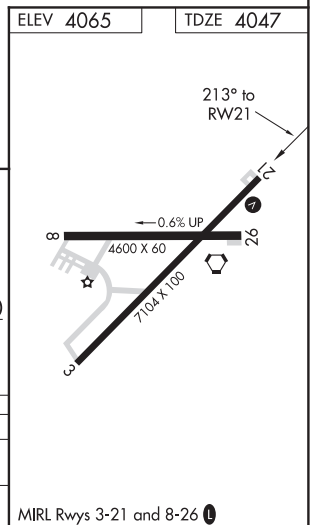
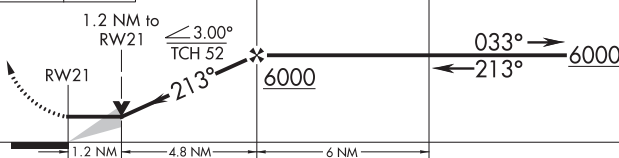
ASOS  
**119.275**

ALBUQUERQUE CENTER  
**126.85 285.6**

UNICOM  
**122.95 (CTAF) 0**



5212 Δ



CATEGORY	A	B	C	D
RNAV MDA	4480-1	433 (500-1)	4480-1¼ 433 (500-1¼)	4480-1½ 433 (500-1½)
CIRCLING	4580-1	515 (600-1)	4580-1½ 515 (600-1½)	4620-2 555 (600-2)

MIRL Rwy 3-21 and 8-26 0

TUCUMCARI, NEW MEXICO  
Orig 30SEP04

35°11'N-103°36'W

TUCUMCARI MUNI (TCC)  
**RNAV (GPS) RWY 21**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



APP CRS <b>258°</b>	Rwy Idg	<b>4600</b>
	TDZE	<b>4055</b>
	Apt Elev	<b>4065</b>

RNAV (GPS) RWY 26

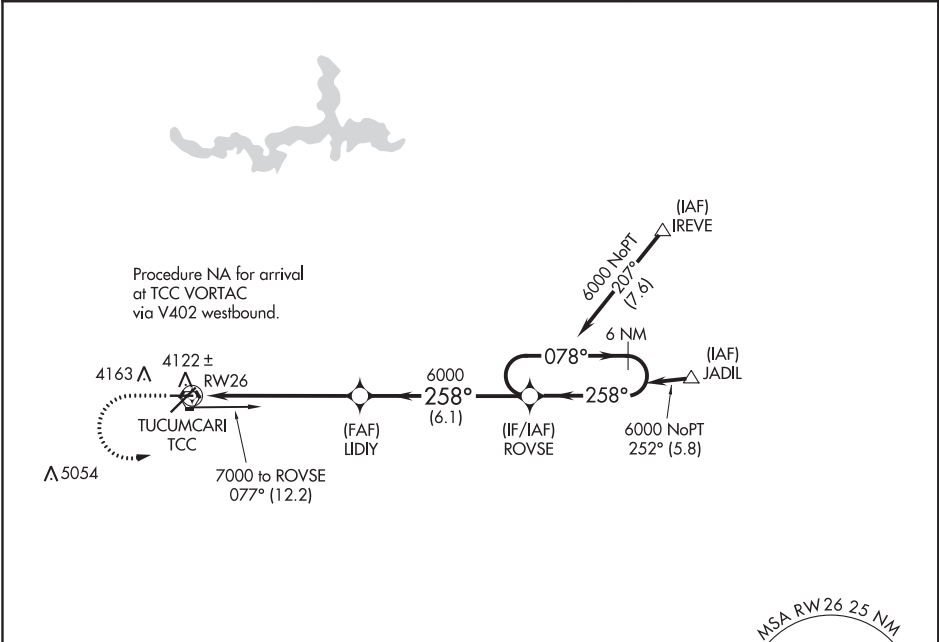
TUCUMCARI MUNI (TCC)

▽

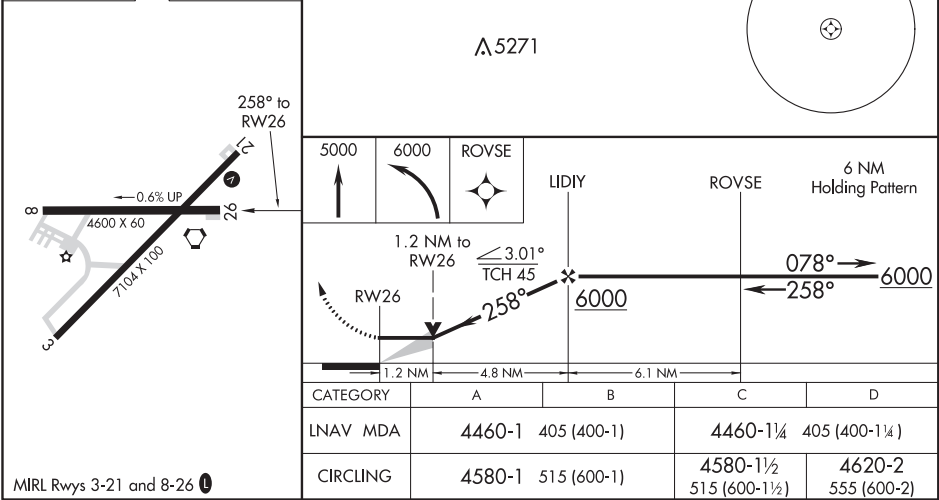
GPS or RNP- 0.3 required. DME/DME RNP- 0.3 NA.  
Circling to Rwy 8 NA at night.  
If local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 5000 then climbing left turn to 6000 direct ROVSE and hold.

ASOS <b>119.275</b>	ALBUQUERQUE CENTER <b>126.85 285.6</b>	UNICOM <b>122.95 (CTAF) 0</b>
------------------------	---	----------------------------------



ELEV 4065	TDZE 4055
-----------	-----------





TUCUMCARI, NEW MEXICO

VORTAC TCC <b><u>113.6</u></b> Chan <b>83</b>	APP CRS <b>201°</b>	Rwy Idg <b>7104</b> TDZE <b>4047</b> Apt Elev <b>4065</b>
---	------------------------	---

VOR RWY 21  
TUCUMCARI MUNI (TCC)

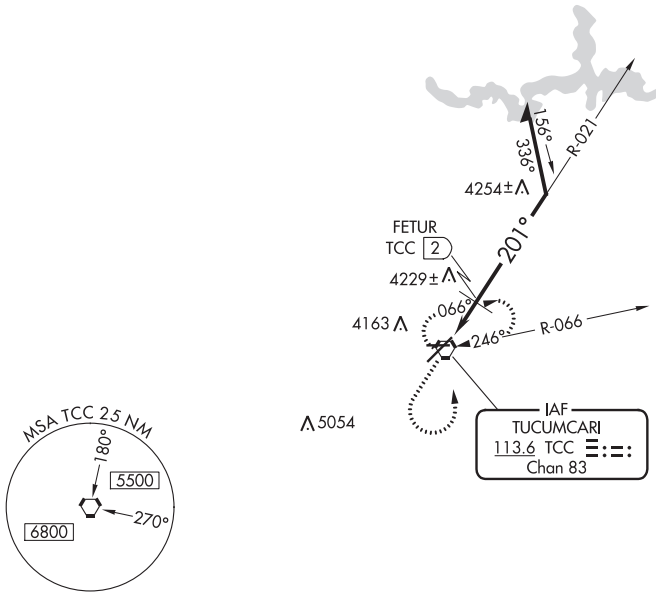


If local altimeter setting not received, procedure NA.

**MISSED APPROACH:** Climb to 5100 then climbing left turn to 6100 direct TCC VORTAC and hold.

ASOS  
**119.275**

ALBUQUERQUE CENTER  
126.85 285.6

UNICOM  
122.95 (CTAF) **L**

ELEV 4065

TDZE 4047

201° to VORTAC

8

4600 X 60

← 0.6% UP

26

7104 X 100

3

[illegible]

TUCUMCARI, NEW MEXICO  
Amdt 6 30SEP04

TUCUMCARI MUNI (TCC)  
VOR RWY 21

35°11'N-103°36'W

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



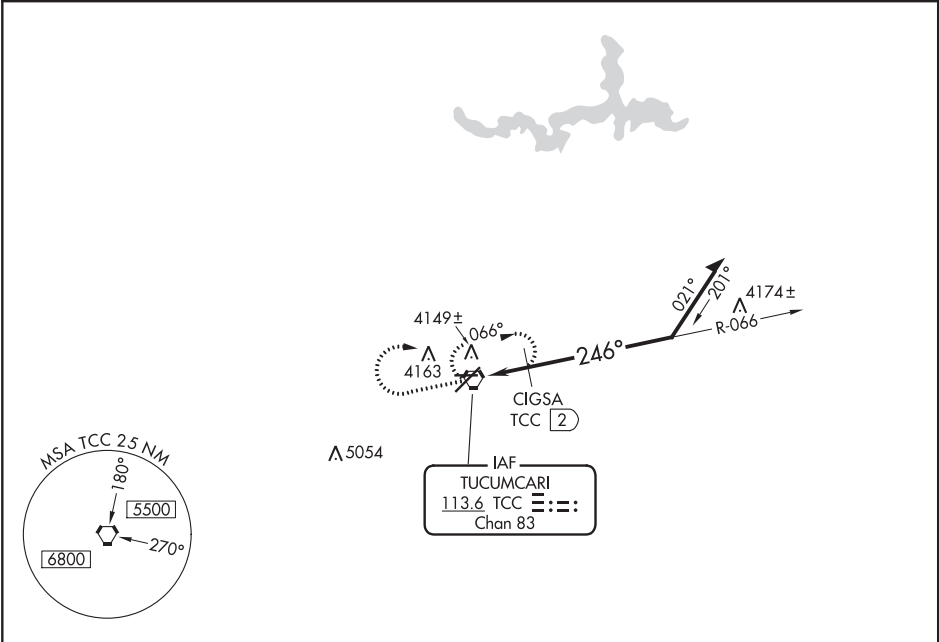
VORTAC TCC	APP CRS	Rwy Idg	4600
113.6	246°	TDZE	4055
Chan 83		Apt Elev	4065

VOR RWY 26

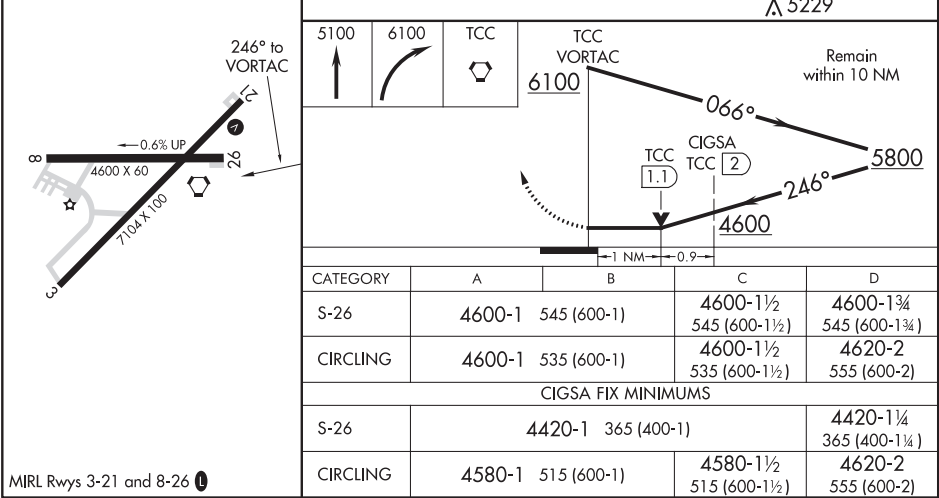
TUCUMCARI MUNI (TCC)

<div><div></div><div>If local altimeter setting not received, procedure NA.</div></div>	MISSED APPROACH: Climb to 5100 then climbing right turn to 6100 direct TCC VORTAC and hold.
---	---

ASOS 119.275	ALBUQUERQUE CENTER 126.85 285.6	UNICOM 122.95 (CTAF) 0
-----------------	------------------------------------	---------------------------



ELEV 4065	TDZE 4055
-----------	-----------





WALDEN, COLORADO

AL-10349 (FAA)

20030

WAAS CH <b>78442</b> <b>W04A</b>	APP CRS <b>036°</b>	Rwy Idg <b>5900</b> TDZE <b>8153</b> Apt Elev <b>8154</b>
--	------------------------	---

# RNAV (GPS) RWY 4

WALDEN-JACKSON COUNTY (33V)

## RNP APCH.

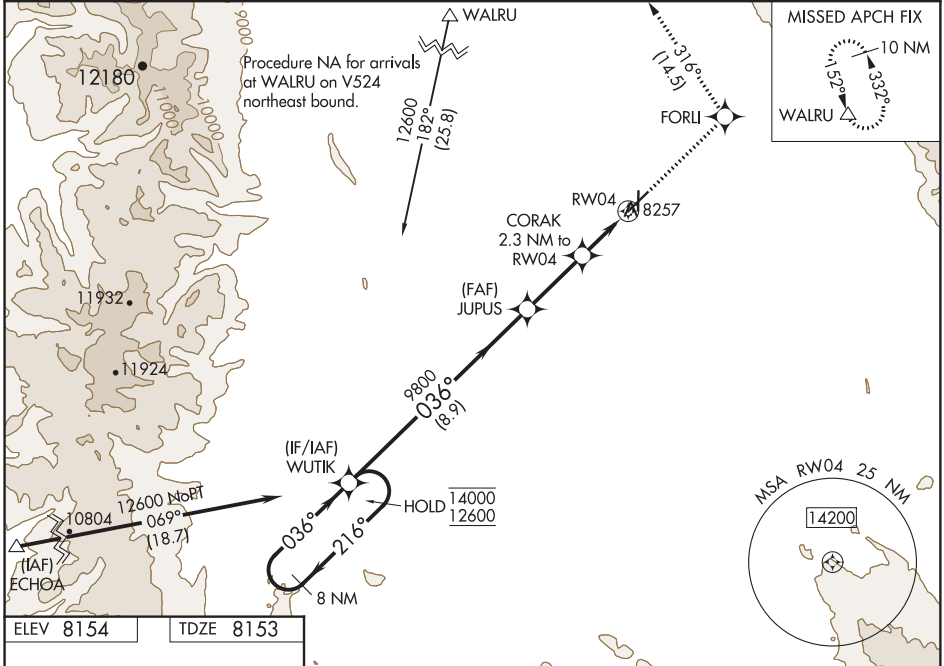
✦ Circling NA to Rwy 17 and 35. Circling NA southeast of Rwy 4-22.  
Rwy 4 helicopter visibility reduction below  $\frac{3}{4}$  SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -31°C or above 54°C.

MISSED APPROACH: (Do not exceed 200K until FORLI) Climb to 14200 direct FORLI and track 316° to WALRU and hold, continue climb-in-hold to 14200.

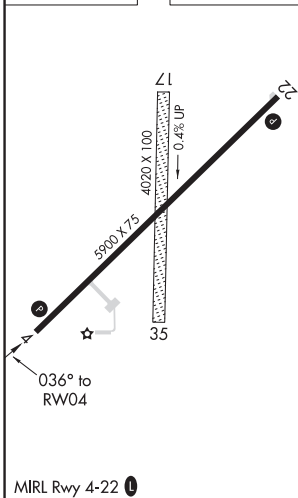
AWOS-3  
**118.625**

DENVER CENTER  
**126.5 371.85**

CTAF  
**122.9 0**



ELEV 8154 TDZE 8153



8 NM Holding Pattern		WUTIK	JUPUS	14200 ↑	FORU ✦	tr 316°	WALRU △
14000 12600	← 216° 036° →	036°	9800	CORAK 2.3 NM to RW04	*LNAV only		
GP 3.00° TCH 35		9800	*8920	*1 NM to RW04	RW04		
		8.9 NM	2.8 NM	1.3 NM	1 NM		
CATEGORY	A	B	C	D			
LPV DA	8403-1 250 (300-1)				NA		
LNAV/VNAV DA	8407-1 254 (300-1)				NA		
LNAV MDA	8520-1 367 (400-1)				NA		
CIRCLING	8520-1 366 (400-1)	8620-1 466 (500-1)	8820-1¾ 666 (700-1¾)	NA			

WALDEN, COLORADO  
Orig 30JAN20

40°45'N-106°16'W

WALDEN-JACKSON COUNTY (33V)  
**RNAV (GPS) RWY 4**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

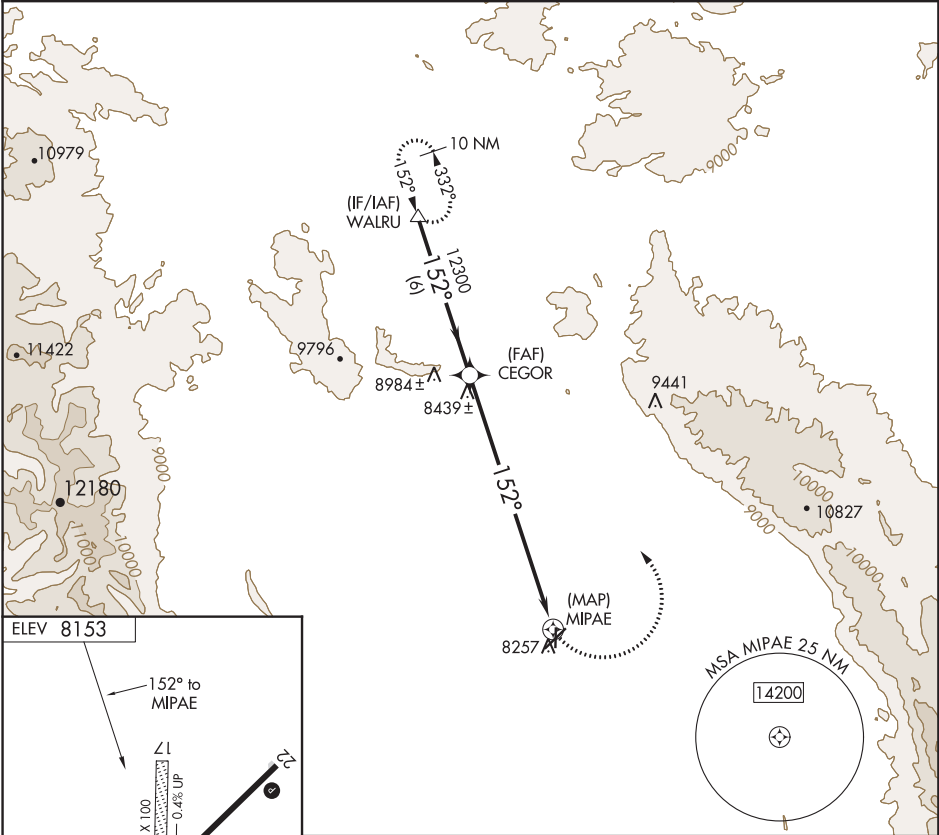


APP CRS	Rwy Idg	N/A
152°	TDZE	N/A
	Apt Elev	8153

RNAV (GPS)-A  
WALDEN-JACKSON COUNTY (33V)

▼ ▲ NA	When local altimeter setting not received, procedure NA. Circling NA southeast of Rwy 4-22. Circling to Rwy 17 and 35 NA. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climbing left turn to 14200 direct WALRU and hold, continue climb-in-hold to 14200.
-----------	---	--

AWOS-3 118.625	DENVER CENTER 126.5 371.85	CTAF 122.9 0
-------------------	-------------------------------	-----------------



ELEV 8153		152° to MIPAE	
ZL		10	
5900 X 75		4020 X 100	
35		0.4% UP	
MIRL Rwy 4-22 0		WALRU	
Procedure Turn NA		CEGOR	
14200		12300	
6 NM		9.6 NM	
CATEGORY	A	B	C
CIRCLING	8880-1	727 (800-1)	8880-2
			727 (800-2)
			NA

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



(WALRU1.WALRU) 16035

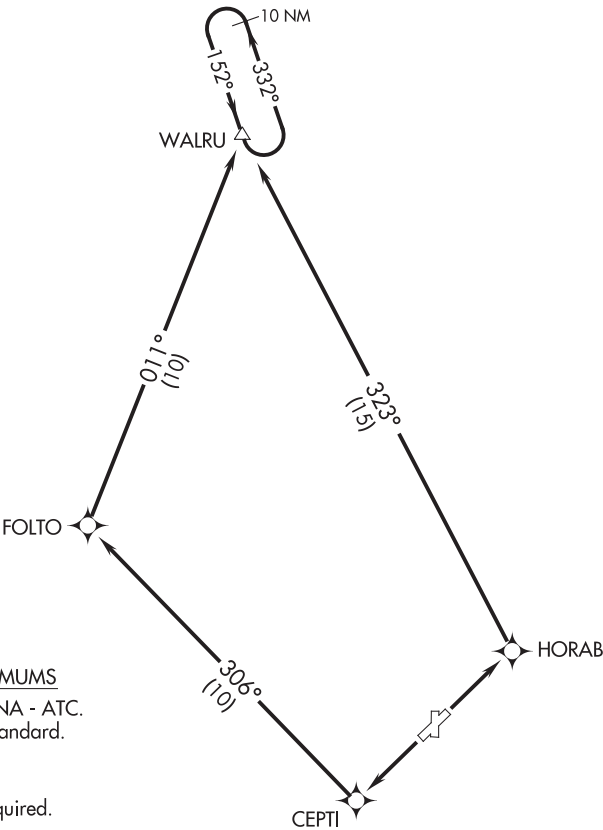
WALDEN-JACKSON COUNTY (33V)

WALRU ONE DEPARTURE (OBSTACLE) (RNAV)

SL-10349 (FAA)

WALDEN, COLORADO

AWOS-3  
118.625  
DENVER CENTER  
126.5 371.85  
CTAF  
122.9



TAKEOFF MINIMUMS

Rwys 17, 35: NA - ATC.  
Rwys 4, 22: Standard.

NOTE: GPS required.  
NOTE: RNAV 1

TAKEOFF OBSTACLE NOTE

Rwy 22: Pole 570' from DER, 339' right of centerline, 58' AGL/8174' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb to 14200 direct HORAB, then via 323° track to WALRU, thence. . . .

TAKEOFF RUNWAY 22: Climb to 14200 direct CEPTI, then via 306° track to FOLTO, then via 011° track to WALRU, thence. . . .

. . . continue climb in WALRU holding pattern until at or above MEA before proceeding on course.

WALRU ONE DEPARTURE (OBSTACLE) (RNAV)

(WALRU1.WALRU) 05JUN08

WALDEN, COLORADO  
WALDEN-JACKSON COUNTY (33V)

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



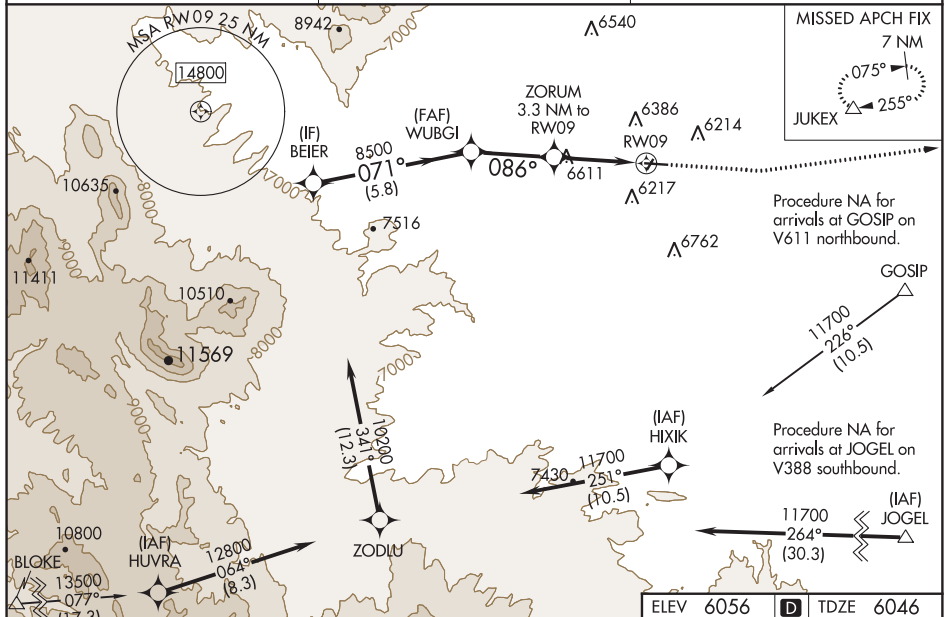
WAAS CH <b>61031</b> <b>W09A</b>	APP CRS <b>086°</b>	Rwy Idg <b>4502</b> TDZE <b>6046</b> Apt Elev <b>6056</b>
--	------------------------	---

RNAV (GPS) RWY 9  
SPANISH PEAKS AIRFIELD (4V1)

**▼** Baro-VNAV NA when using Trinidad altimeter setting. For uncompensated Baro-VNAV systems, procedure NA below -26°C (-14°F) or above 36°C (98°F).  
**▲** NA DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA.  
 Rw9 9 Straight-in and Circling minimums NA at night. When local altimeter setting not received, use Trinidad altimeter setting and increase all DA 119 feet and MDA 120 feet; increase LPV all Cats visibility  $\frac{1}{8}$  mile and LNAV/VNAV all Cats visibility  $\frac{3}{8}$  mile, LNAV Cats A-B and Circling Cat B visibility  $\frac{1}{4}$  mile, LNAV Cat C visibility  $\frac{1}{2}$  mile.

**MISSED APPROACH:**  
Climb to 6900 then  
climbing left turn to 9400  
direct JUKEX and hold.

AWOS-3 <b>123.6</b>	DENVER CENTER <b>128.375 379.95</b>	UNICOM <b>122.8 (CTAF) ①</b>
------------------------	--	---------------------------------



VGS and RNAV glidepath not coincident (VGS Angle 3.00/TCH 45).

6900	9400	JUKEZ
↑	↖	△

\*LNAV only

BEIER

10200

071°

8500

086°

8500

7360

ZORUM  
3.3 NM to  
RW09

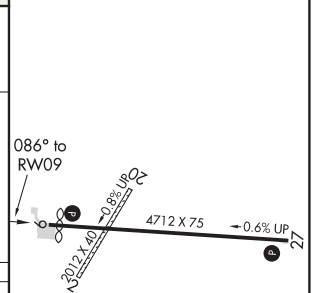
RW09


GP 3.60°  
TCH 55

5.8 NM

3 NM

3.3 NM



CATEGORY		A	B	C	D
LPV	DA	6347-1 301 (300-1)			NA
LNAV/ VNAV	DA	6606-1½ 560 (600-1½)			NA
LNAV	MDA	6880-1 834 (900-1)	6880-1¼ 834 (900-1¼)	6880-2½ 834 (900-2½)	NA
 CIRCLING		6880-1¼ 824 (900-1¼) 7080-3 1024 (1100-3)			NA

MIRL Rwy 9-27 **L**



RNAV (GPS) RWY 27  
SPANISH PEAKS AIRFIELD (4V1)

**MISSED APPROACH:**  
Climb to 6800 then  
climbing right turn to  
9400 direct JUKEX  
and hold.

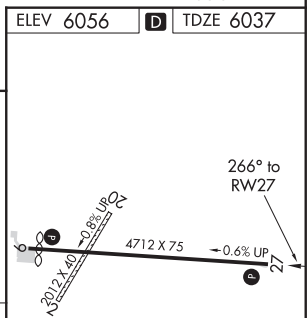
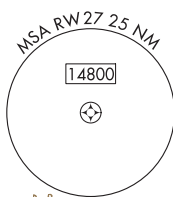
UNICOM  
122.8 (CTAF) **L**

Diagram illustrating the layout of the MRL Rwy 9-27, showing the intersection with Taxiway 27 (TWY 27) and the dimensions of the taxiway segments.

Key dimensions and labels:

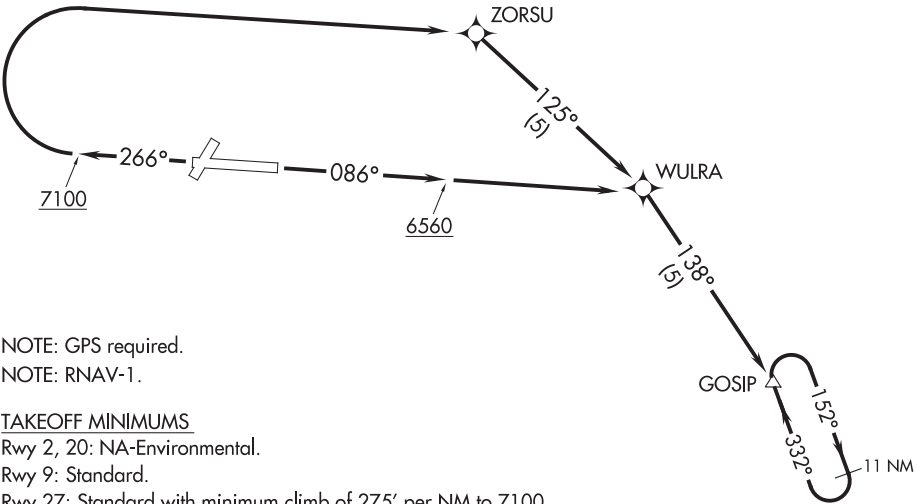
- Segment 1: 30' (2) X 40'
- Segment 2: 47'12" X 75'
- Segment 3: 266' to RWY 27
- Grade: 0.6% UP
- Directional indicator: 27

SPANISH PEAKS AIRFIELD (4V1)  
RNAV (GPS) RWY 27

SW-1, 30 JAN 2020 to 26 MAR 2020



DENVER APP CON  
128.375 379.95



NOTE: GPS required.  
NOTE: RNAV-1.

- TAKEOFF MINIMUMS
- Rwy 2, 20: NA-Environmental.
  - Rwy 9: Standard.
  - Rwy 27: Standard with minimum climb of 275' per NM to 7100.

- TAKEOFF OBSTACLE NOTES
- Rwy 9: Fence 70' from DER, 186' left of centerline, 12' AGL/6022' MSL. Tree 17' from DER, 210' right of centerline, 10' AGL/6020' MSL.
  - Rwy 27: Multiple buildings and poles beginning 162' from DER, 327' left of centerline, up to 44' AGL/6084' MSL. Pole 812' from DER, 386' left of centerline, 27' AGL/6077' MSL. Poles 1183' from DER, 402' left of centerline, 29' AGL/6079' MSL. Tanks and pump 150' from DER, 222' left of centerline, 27' AGL/6067' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 9: Climb on course 086° to 6560 then direct WULRA, then on depicted route to GOSIP, Thence . . . .
- TAKEOFF RUNWAY 27: Climb on course 266° to 7100 then climbing right turn direct ZORSU, then on depicted route, Thence . . . .
- . . . . all aircraft climb in GOSIP holding pattern to cross GOSIP at or above MEA/MCA for direction of flight before proceeding on course.



WRAY, COLORADO

AL-9039 (FAA)

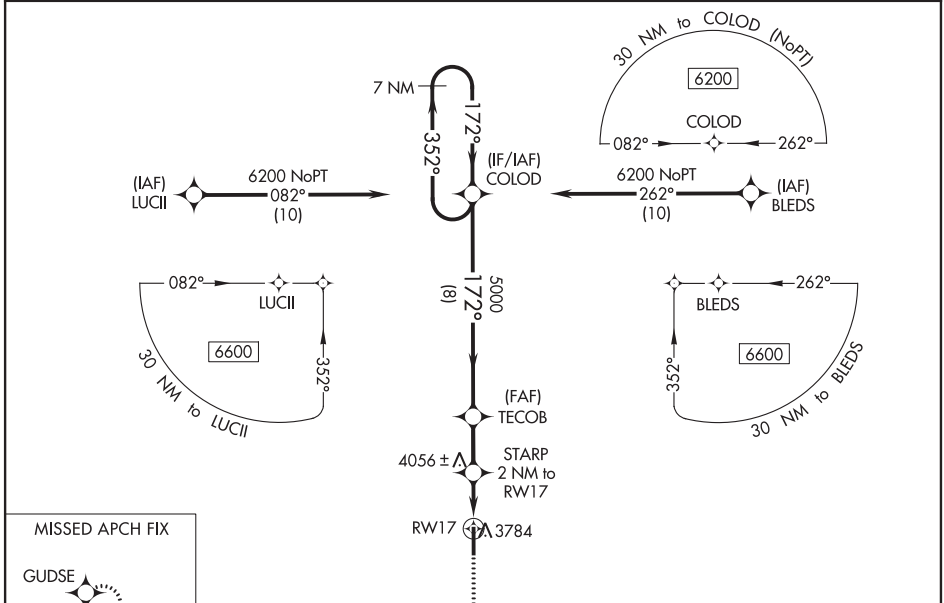
18088

WAAS CH <b>70641</b> <b>W17A</b>	APP CRS <b>172°</b>	Rwy Idg TDZE Apt Elev	<b>5399</b> <b>3677</b> <b>3677</b>
--	------------------------	-----------------------------	---

# **RNAV (GPS) RWY 17** WRAY MUNI (2V5)

<p><b>⚠</b> For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 53°C (127°F). Baro-VNAV and VDP NA when using Imperial altimeter setting. DME/DME RNP-0.3 NA. When local altimeter setting is not received use Imperial altimeter setting: increase LPV DA to 4020, and LNAV/VNAV DA to 4088 and visibility all Cats <math>\frac{3}{4}</math> SM, increase all MDA 160 feet and LNAV Cat C/D visibility <math>\frac{3}{4}</math> SM and Circling Cat C <math>\frac{1}{2}</math> SM, Cat D <math>\frac{1}{4}</math> SM.</p>	<p><b>MISSED APPROACH:</b> Climb to 6600 direct GUDSE and hold.</p>
--	---

AWOS-3 <b>118.25</b>	DENVER CENTER <b>132.7 226.675</b>	UNICOM <b>122.8 (CTAF) 0</b>
-------------------------	---------------------------------------	---------------------------------



MISSED APCH FIX		ELEV 3677		TDZE 3677	
GUDSE		172° to RWY 17		3599 X 75	
7 NM Holding Pattern		6600		GUDSE	
GP 3.00°		5000		*LNAV only	
TCH 45		TECOB		STARP 2 NM to RWY 17	
8 NM		2 NM		*1 NM to RWY 17	
1 NM		1 NM		RWY 17	
CATEGORY		A		B	
LPV DA		3877-1		200 (200-1)	
LNAV/VNAV DA		3945-1		268 (300-1)	
LNAV MDA		4040-1		363 (400-1)	
CIRCLING		4100-1		4140-1	
		423 (500-1)		463 (500-1)	
		4540-2 1/2		4540-2 3/4	
		863 (900-2 1/2)		863 (900-2 3/4)	
		REIL Rwy 17 and 35		MIRL Rwy 17-35 0	

WRAY, COLORADO

Amdt 2 29MAR18

40°06'N-102°14'W

WRAY MUNI (2V5)

# **RNAV (GPS) RWY 17**

SW-1, 30 JAN 2020 to 26 MAR 2020



WAAS CH <b>87041</b> <b>W35A</b>	APP CRS <b>352°</b>	Rwy Idg TDZE <b>3653</b> Apt Elev <b>3677</b>
--	------------------------	---

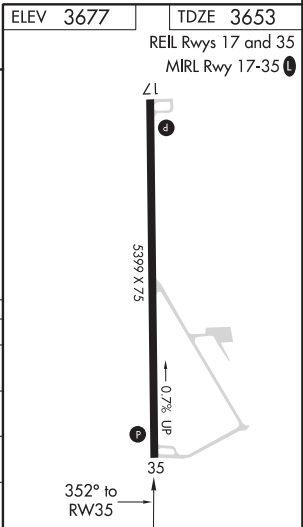
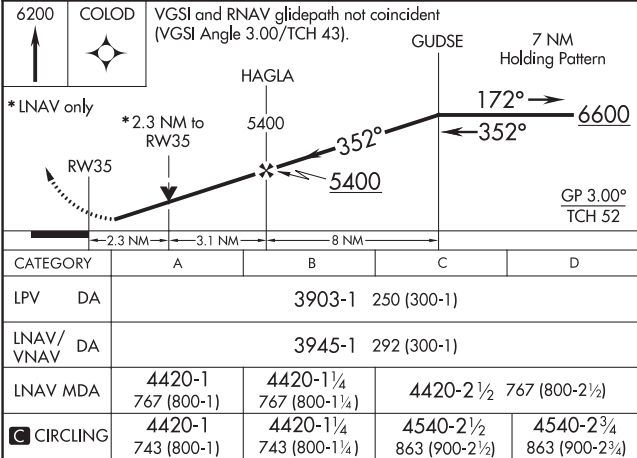
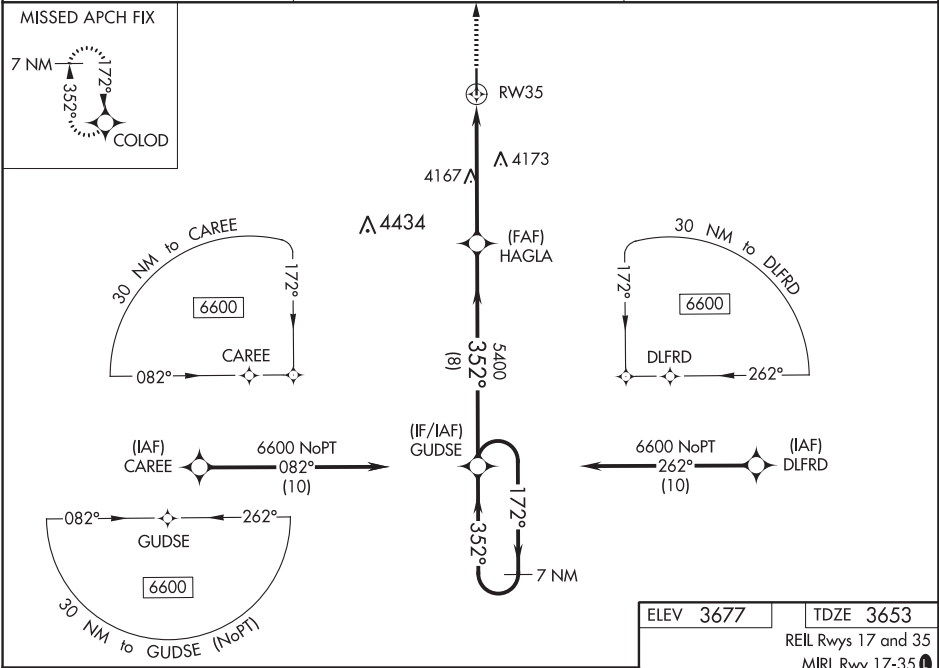
RNAV (GPS) RWY 35

WRAY MUNI (2V5)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 53°C (127°F). Baro-VNAV and VDP NA when using Imperial altimeter setting. Rwy 35 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA. When local altimeter setting is not received use Imperial altimeter setting: increase LPV DA to 4047 and visibility to 1½ SM and LNAV/VNAV DA to 4088 and visibility to 1½ SM; increase all MDAs 140 feet and visibility Cats A, D ¼ SM, Cat C ½ SM.

MISSED APPROACH: Climb to 6200 direct COLOD and hold.

AWOS-3 <b>118.25</b>	DENVER CENTER <b>132.7 226.675</b>	UNICOM <b>122.8 (CTAF)</b>
-------------------------	---------------------------------------	-------------------------------





YUMA, COLORADO

AL-11429 (FAA)

18144

WAAS CH <b>56541</b> <b>W16A</b>	APP CRS <b>167°</b>	Rwy Idg TDZE Apt Elev	<b>4200</b> <b>4132</b> <b>4138</b>
--	------------------------	-----------------------------	---

# **RNAV (GPS) RWY 16** YUMA MUNI (2V6)

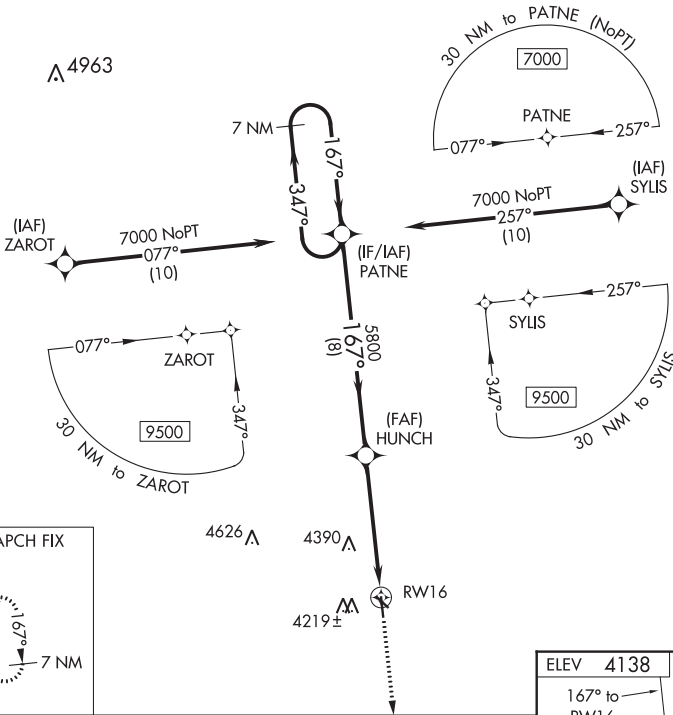
**⚠** Circling NA to Rwy 12 and 30. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (-9°F) or above 54°C (130°F). Rwy 16 helicopter visibility reduction below  $\frac{3}{4}$  SM NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 7000 direct CEMAP and hold.

AWOS-3  
**135.375**

DENVER CENTER  
**133.95 317.55**

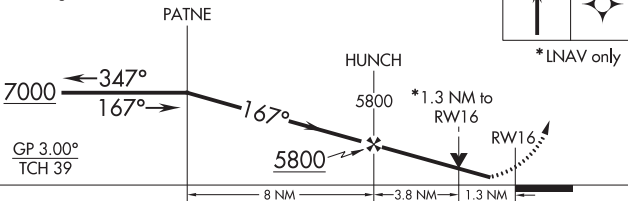
UNICOM  
**122.8 (CTAF) ①**



MISSED APCH FIX

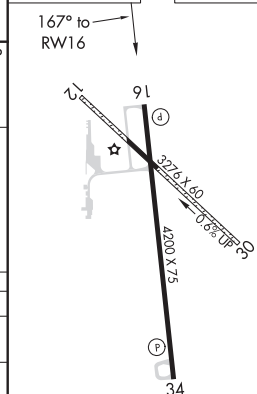


7 NM  
Holding Pattern



CATEGORY	A	B	C	D
LPV DA	4382-1	250 (300-1)		NA
LNAV/VNAV DA	4452-1	320 (400-1)		NA
LNAV MDA	4580-1	448 (500-1)	4580-1 $\frac{3}{8}$ 448 (500-1 $\frac{3}{8}$ )	NA
<b>C</b> CIRCLING	4620-1 482 (500-1)	4640-1 502 (600-1)	4700-1 $\frac{1}{2}$ 562 (600-1 $\frac{1}{2}$ )	NA

ELEV 4138 TDZE 4132



REIL Rwy 16 and 34 ①  
MIRL Rwy 16-34

YUMA, COLORADO

Orig 24MAY18

40°06'N-102°43'W

# YUMA MUNI (2V6) **RNAV (GPS) RWY 16**

SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020

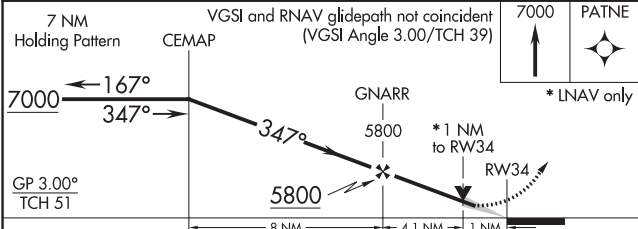
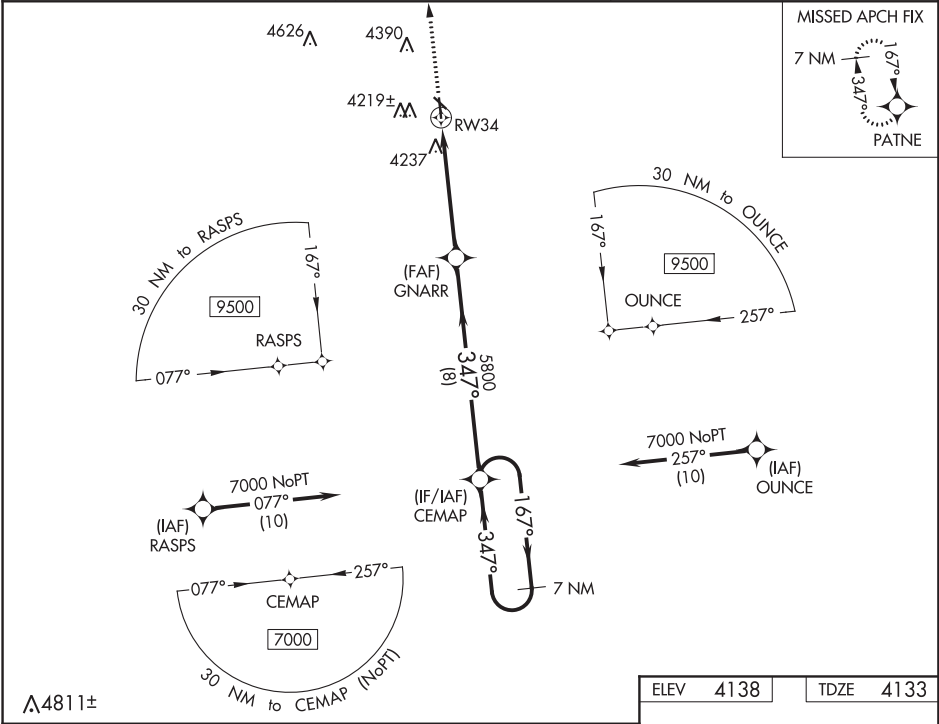


WAAS CH <b>61241</b> <b>W34A</b>	APP CRS <b>347°</b>	Rwy Idg <b>4200</b> TDZE <b>4133</b> Apt Elev <b>4138</b>
--	------------------------	---

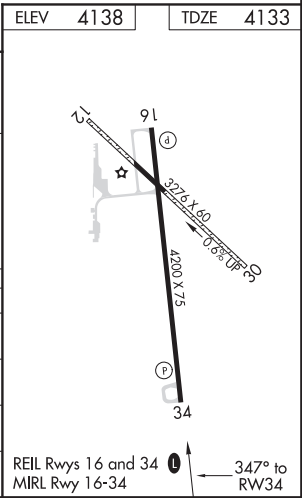
RNAV (GPS) RWY 34  
YUMA MUNI (2V6)

<b>T</b> Circling NA to Rws 12 and 30. For uncompensated Baro-VNAV Systems, LNAV/VNAV NA below -23°C (-9°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 7000 direct PATNE and hold.
--	---

AWOS-3 <b>135.375</b>	DENVER CENTER <b>133.95 317.55</b>	UNICOM <b>122.8 (CTAF)</b> <b>0</b>
--------------------------	---------------------------------------	--



CATEGORY	A	B	C	D
LPV DA	4333-1	200 (200-1)		NA
LNAV/VNAV DA	4383-1	250 (300-1)		NA
LNAV MDA	4500-1	367 (400-1)		NA
<b>C</b> CIRCLING	4620-1 482 (500-1)	4640-1 502 (600-1)	4700-1½ 562 (600-1½)	NA



SW-1, 30 JAN 2020 to 26 MAR 2020

SW-1, 30 JAN 2020 to 26 MAR 2020



INTENTIONALLY  
LEFT  
BLANK



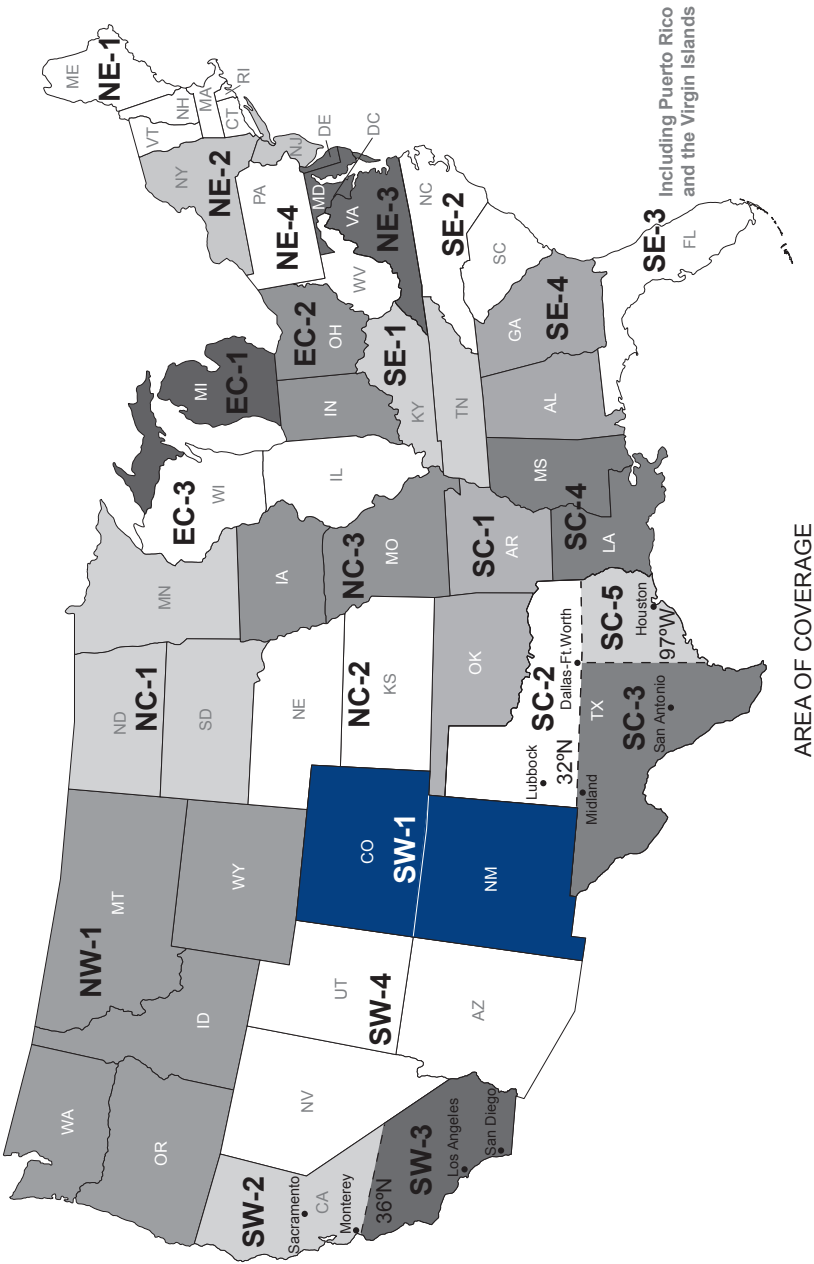
CLIMB/DESCENT TABLE 10042

INSTRUMENT TAKEOFF OR APPROACH PROCEDURE CHARTS												
RATE OF CLIMB/DESCENT TABLE												
(ft. per min)												
A rate of climb/descent table is provided for use in planning and executing climbs or descents under known or approximate ground speed conditions. It will be especially useful for approaches when the localizer only is used for course guidance. A best speed, power, altitude combination can be programmed which will result in a stable glide rate and altitude favorable for executing a landing if minimums exist upon breakout. Care should always be exercised so that minimum descent altitude and missed approach point are not exceeded.												
CLIMB/ DESCENT ANGLE (degrees and tenths)	ft/NM	GROUND SPEED (knots)										
		60	90	120	150	180	210	240	270	300	330	360
2.0	210	210	320	425	530	635	743	850	955	1060	1165	1275
2.5	265	265	400	530	665	795	930	1060	1195	1325	1460	1590
VERTICAL PATH ANGLE	2.7	287	287	430	574	717	860	1003	1147	1290	1433	1576
	2.8	297	297	446	595	743	892	1041	1189	1338	1486	1635
	2.9	308	308	462	616	770	924	1078	1232	1386	1539	1693
	3.0	318	318	478	637	797	956	1115	1274	1433	1593	1752
	3.1	329	329	494	659	823	988	1152	1317	1481	1646	1810
	3.2	340	340	510	680	850	1020	1189	1359	1529	1699	1869
	3.3	350	350	526	701	876	1052	1227	1402	1577	1752	1927
	3.4	361	361	542	722	903	1083	1264	1444	1625	1805	1986
3.5	370	370	555	745	930	1115	1300	1485	1670	1860	2045	2230
4.0	425	425	640	850	1065	1275	1490	1700	1915	2125	2340	2550
4.5	480	480	715	955	1195	1435	1675	1915	2150	2390	2630	2870
5.0	530	530	795	1065	1330	1595	1860	2125	2390	2660	2925	3190
5.5	585	585	880	1170	1465	1755	2050	2340	2635	2925	3220	3510
6.0	640	640	960	1275	1595	1915	2235	2555	2875	3195	3510	3830
6.5	690	690	1040	1385	1730	2075	2425	2770	3115	3460	3805	4155
7.0	745	745	1120	1490	1865	2240	2610	2985	3355	3730	4105	4475
7.5	800	800	1200	1600	2000	2400	2800	3200	3600	4000	4400	4800
8.0	855	855	1280	1710	2135	2560	2990	3415	3845	4270	4695	5125
8.5	910	910	1360	1815	2270	2725	3180	3630	4085	4540	4995	5450
9.0	960	960	1445	1925	2405	2885	3370	3850	4330	4810	5295	5775
9.5	1015	1015	1525	2035	2540	3050	3560	4065	4575	5085	5590	6100
10.0	1070	1070	1605	2145	2680	3215	3750	4285	4820	5355	5890	6430

CLIMB/DESCENT TABLE 10042



U.S. TERMINAL PUBLICATION VOLUMES



FAA Product ID: BTPPSW1



NSN 7641015059597

NGA REF. NO. TERMXFAABTTPPSW1  
OK-10-2859



EFF. DATE 20030