Federal Aviation Administration

TM

U.S. Terminal Procedures Publication

Alaska Vol 1 of 1

Effective: 0901Z

05 NOV 2020

to: 0901Z

31 DEC 2020

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CORRECTIONS, COMMENTS AND/OR PROCUREMENT

FOR CHARTING ERRORS, OR FOR CHANGES, ADDITIONS, RECOMMENDATIONS ON PROCEDURAL ASPECTS CONTACT:
FAA, Aeronautical Information Services
1305 East-West Highway
SSMC 4, Room 3424
Silver Spring, MD 20910
Telephone: 1-800-638-8972
https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/

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

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

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

INOP COMPONENTS 19339

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, MALS, SSALF, SSALS, SALSF, SALS	¼ mile

(4) Sidestep minima (CAT C-D)

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

(5) All Approach Types, All lines of minima

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

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TERMS/LANDING MINIMA DATA 20142

IFR LANDING MINIMA

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

LANDING MINIMA FORMAT

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

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

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

Straight-in ILS to Runway 27

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

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

MDA — HAA — Visibility in Statute Miles

COPTER MINIMA ONLY

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

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

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

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

COLD TEMPERATURE AIRPORTS

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

COLD TEMPERATURE ERROR TABLE

HEIGHT ABOVE AIRPORT IN FEET

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

AIRCRAFT APPROACH CATEGORIES

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

MANEUVERING TABLE

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

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CIRCLING APPROACH OBSTACLE PROTECTED AIRSPACE

The circling MDA provides vertical obstacle clearance during a circle-to-land maneuver. The circling MDA protected area extends from the threshold of each runway authorized for landing following a circle-to-land maneuver for a distance as shown in the 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	⅝	5500	1
1800	½	2600	½	4000	¾	6000	1¼
2000	½	3000	⅝	4500	⅞		
2200	½	3200	⅝	5000	1		

RADAR MINIMA

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT HAA	CEIL-VIS
PAR	10	2.5°/42/1000	ABCDE	**195**/16	100	(100-¼)				
	28	2.5°/48/1068	ABCDE	**187**/16	100	(100-¼)				
ASR	10		ABC	**560**/40	463	(500-¾)	DE	**560**/50	463	(500-1)
	28		AB	**600**/50	513	(600-1)	CDE	**600**/60	513	(600-1¼)
CIR	10		AB	**560-**1¼	463	(500-1¼)	CDE	**560-**1½	463	(500-1½)
	28		AB	**600-**1¼	503	(600-1¼)	CDE	**600-**1½	503	(600-1½)

Visibility (RVR 100's of feet)

Visibility in Statute Miles

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

Radar Minima:

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

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

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

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

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

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

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GENERAL INFORMATION

This publication is issued every 56 days and includes Standard Instrument Approach Procedures (SIAPS), Standard Instrument Departures (SIDs), Standard Terminal Arrivals (STARs), IFR Takeoff Minimums and (Obstacle) Departure Procedures (ODPs), IFR Alternate Minimums, and Radar Instrument Approach Minimums for use by civil and military aviation. The organization responsible for SIAPs, Radar Minimums, SIDs, STARs and graphic ODPs is identified in parentheses in the top margin of the procedure; e.g., (FAA), (FAA-O), (USA), (USAF), (USN). SIAPS with the (FAA) and (FAA-O) designation are regulated under 14 CFR, Part 97. SIAPs with the (FAA-O) designation have been developed 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.

FAA Procedure Amendment Number → Orig 31DEC09 ← Procedure Amendment Effective Date

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

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

MISCELLANEOUS

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

For Civil (FAA) instrument procedures, "RADAR REQUIRED" in the planview of the chart indicates that ATC radar must be available to assist the pilot when transitioning from the en route environment. "Radar required" in the pilot briefing portion of the chart indicates that ATC radar is required on portions of the procedure outside the final approach segment, including the missed approach. Some military procedures also have equipment requirements such as "Radar Required", but do not conform to the same charting application standards used by the FAA.

Distances are in nautical miles (except visibility in statute miles and Runway Visual Range in hundreds of feet). Runway dimensions are in feet. Elevations are in feet, Mean Sea Level (MSL). Ceilings are in feet above airport elevation. Radials/bearings/headings/courses are magnetic. Horizontal Datum: Unless otherwise noted on the chart, all coordinates are referenced to North American Datum 1983 (NAD 83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

Terrain is scaled within the neat lines (planview boundaries) and does not accurately underlie not-to-scale distance depictions or symbols.

STANDARD TERMINAL ARRIVALS AND DEPARTURE PROCEDURES

The use of the associated codified STAR/DP and transition identifiers are requested of users when filing flight plans 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 PBN/EQUIPMENT REQUIREMENTS

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

IAP PBN/Equipment Requirements Notes Box

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

RNAV STAR and DP PBN/Equipment Requirements Notes Box

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

PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

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., A1, V, ✿
2. Approach lighting systems that do not bear a system identification are indicated with a negative "L" beside the name.

A star (★) indicates non-standard PCL, consult Chart Supplement, e.g., L★

To activate lights, use frequency indicated in the communication section of the chart with a L or the appropriate lighting system identification e.g., UNICOM 122.8 L, A1, V

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

ABBREVIATIONS

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

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ODALS..... Omnidirectional Approach Light System
ODP..... Obstacle Departure Procedure
OM..... Outer Marker
PAR..... Precision Approach Radar
PDC..... Pre-Departure Clearance
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)

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LEGEND 20086

INSTRUMENT APPROACH PROCEDURES (CHARTS)

PLANVIEW SYMBOLS

TERMINAL ROUTES

Procedure Track

Missed Approach

Visual Flight Path

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

3100 NoPT 5.6 NM to GS Intcpt
045°
(14.2 to LOM)
Minimum Route Altitude
2000
155°
Feeder Route
(15.1)
Mileage

HOLDING PATTERNS

Missed Approach
090°
270°

Hold-in-lieu of Procedure Turn
090°
1 min
270°

090°
(IAS)
270°
4 NM

HOLD 8000
Arrival
090°
270°

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

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

Intersection

WAYPOINT (Compulsory)

WAYPOINT (Non-Compulsory)

FLYOVER POINT

MAP WP (Flyover)

Computer Navigation Fix (CNF) - No ATC Function
x (NAME) ("x" omitted when it conflicts with runway pattern)

15 DME Distance From Facility

AUSTN INT
ARC/DME/RNAV Fix

R-198 → Radial line and value

LR-198 → Lead Radial

LB-198 → Lead Bearing

ALTITUDES

5500 Mandatory Altitude

2500 Minimum Altitude

4300 Maximum Altitude

3000 Recommended Altitude

5000 Mandatory Block
3000 Altitude

INDICATED AIRSPEED

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

RADIO AIDS TO NAVIGATION

110.1 Underline indicates No Voice transmitted on this frequency

Compulsory:

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

Non-Compulsory:

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

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

Marker Beacon

Marker beacons that are not specifically part of the procedure.

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 postion off the end of the runway.)

Primary Navaid with Coordinate Values
LIMA
114.5 LIM
Chan 92
S12°00.80′
W77°07.00′

Secondary Navaid
LMM
LIMA
248 NT

SCOTT
Chan 59
SKE
(112.2)
VHF Paired Frequency

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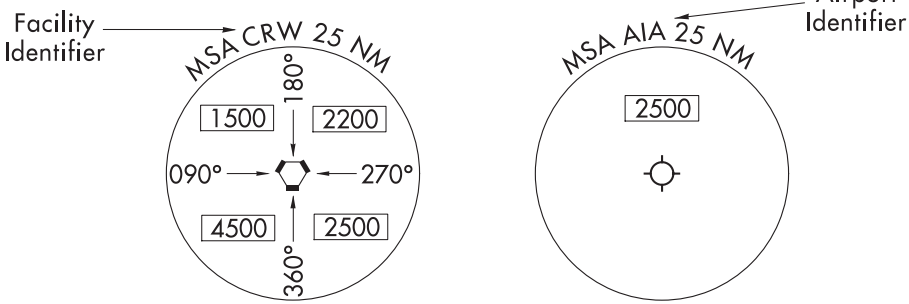
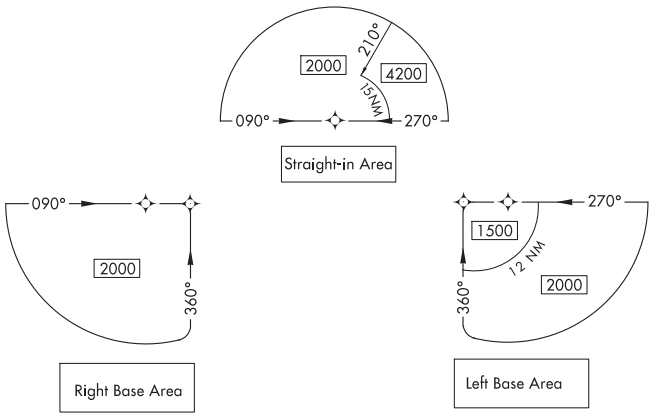
PLANVIEW SYMBOLS

MINIMUM SAFE ALTITUDE (MSA)



(arrows on distance circle identify sectors)

TERMINAL ARRIVAL AREA (TAA)



MISCELLANEOUS

VOR Changeover Point

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

Distance not to scale

International Boundary

Air Defense Identification Zone

SPECIAL USE AIRSPACE

R-352

R-Restricted
P-Prohibited
W-Warning
A-Alert

AIRPORTS

Primary and Secondary (named in planview)

Civil

Seaplane Base

Heliport

OBSTACLES

Spot Elevation

Obstacle

Highest Obstacle

Highest Spot Elevation

Group of Obstacles

± Doubtful accuracy

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LEGEND 20198

INSTRUMENT APPROACH PROCEDURES (CHARTS)

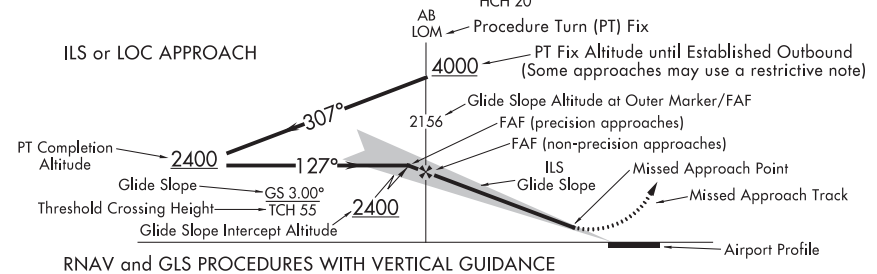
PROFILE VIEW

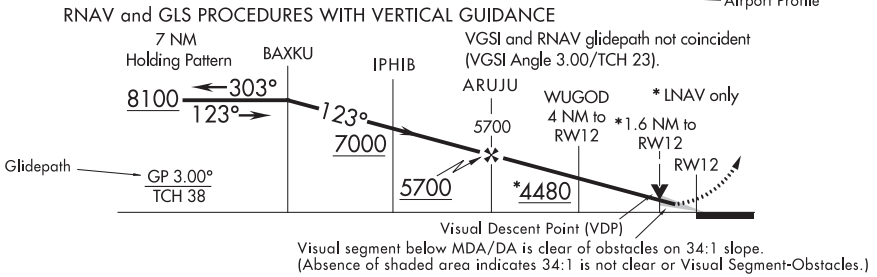
Three different methods are used to depict either electronic or vertical guidance: "GS", "GP", or "VDA".

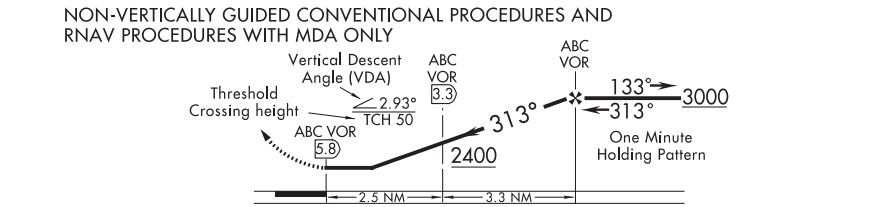
1. "GS" indicates that an Instrument Landing System (ILS) electronic glide slope (a ground antenna) provides vertical guidance. The profile section of ILS procedures depict a GS angle and TCH in the following format: GS 3.00°/TCH 55.

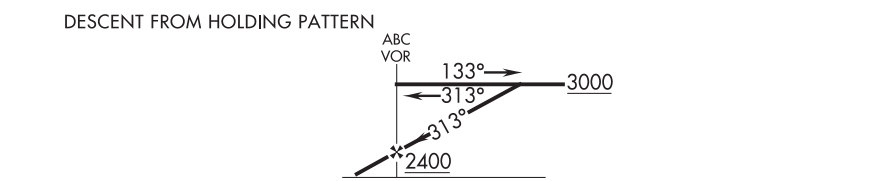
2. "GP" on GLS and RNAV procedures indicates that either electronic vertical guidance (via Wide Area Augmentation System - WAAS or Ground Based Augmentation System - GBAS) or barometric vertical guidance is provided. GLS and RNAV procedures with a published decision altitude (DA/H) depict a GP angle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

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









ALTITUDES

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

PROFILE SYMBOLS

- 2400 — Glide Slope/Glidepath Intercept Altitude and final approach fix for vertically guided approach procedures.
- ▼ Visual Descent Point (VDP)
- Visual Flight Path
- Note: Facilities and waypoints are depicted as a solid vertical line while fixes and intersections are depicted as a dashed vertical line.

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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:

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

Non-Compulsory:

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

LMM, LOM (Compass locator)

Marker Beacon

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

Localizer Course

SDF Course

(T) indicates frequency protection range (STAR)

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

Identifier

Frequency

ORLANDO
112.25 (T) ORL
Chan 59 (Y)
N28°32.56′ - W81°20.10′

Geographic Position

L-19, H-5

DME or TACAN Channel

Underline indicates no voice transmitted on this frequency

Enroute Chart Reference

Coordinates

Waypoint Name

PRAYS
N38°58.30′ W89°51.50′
112.7 CAP 187.1°-56.2
590

Frequency

Identifier

Reference Facility Elevation

Radial-Distance (Facility to Waypoint)

FIXES/ATC REPORTING REQUIREMENTS

Reporting Points
N00°00.00′
W00°00.00′

75 → DME Mileage (when not obvious)

▲ Fix-Compulsory and

△ Non-Compulsory Position Report

→ | DME fix

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

Transition Route

R-275 Radial line and value

Lost Communications Track

Visual Flight Path (DP)

V12 J80 Airway/Jet Route Identification

DP Holding Pattern (IAS)

STAR Holding Pattern (IAS)

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

SPECIAL USE AIRSPACE

R-352

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

ALTITUDES

5500	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

(DP)

Heliport

Civil, Military, Joint Civil-Military

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

Civil, Military, Joint Civil-Military

MISCELLANEOUS

Changeover Point

Distance not to scale (DP)

International Boundary (DP)

Air Defense Identification Zone

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

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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 FLIP. (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%)

⟵ 0.3% DOWN

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

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

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

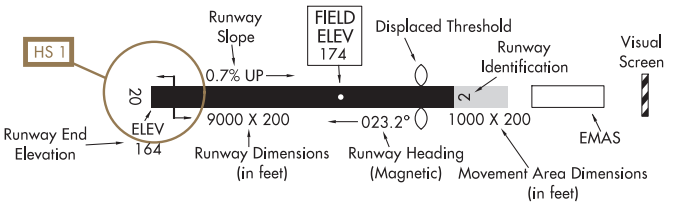
True/magnetic North orientation may vary from diagram to diagram

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

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

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

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



SCOPE

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

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LEGEND 15344

INSTRUMENT APPROACH PROCEDURES (CHARTS)

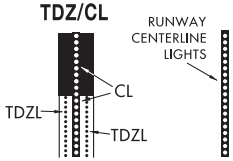
APPROACH LIGHTING SYSTEM - UNITED STATES

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

TDZ/CL

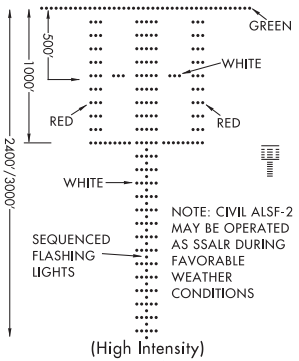


AVAILABILITY of TDZ/CL will be shown by NOTE in SKETCH e.g. "TDZ/CL Rwy 15"

APPROACH LIGHTING SYSTEM

A

ALSF-2



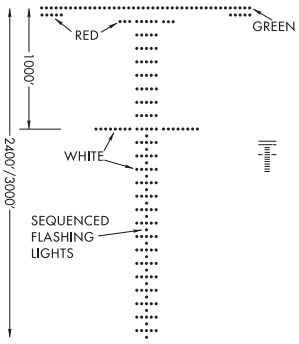
NOTE: CIVIL ALSF-2 MAY BE OPERATED AS SSALR DURING FAVORABLE WEATHER CONDITIONS

(High Intensity)
LENGTH 2400/3000 FEET

APPROACH LIGHTING SYSTEM

A1

ALSF-1



(High Intensity)
LENGTH 2400/3000 FEET

SHORT APPROACH LIGHTING SYSTEM

A2

SALS/SALSF

(High Intensity)

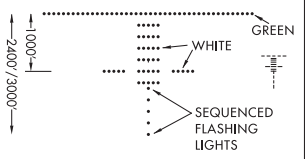
SAME AS INNER 1500' OF ALSF-1

SIMPLIFIED SHORT APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

A3

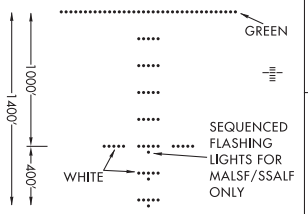
SSALR



(High Intensity)
LENGTH 2400/3000 FEET

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

A4



LENGTH 1400 FEET

MEDIUM INTENSITY APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

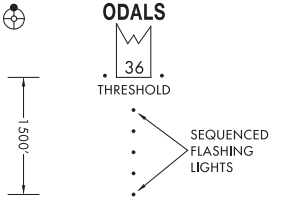
A5

MALSR

SAME LIGHT CONFIGURATION AS SSALR.

OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM

ODALS



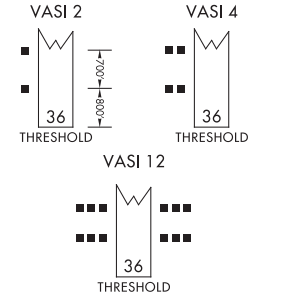
LENGTH 1500 FEET

V VISUAL APPROACH SLOPE INDICATOR

VASI

VISUAL APPROACH SLOPE INDICATOR WITH STANDARD THRESHOLD CLEARANCE PROVIDED.

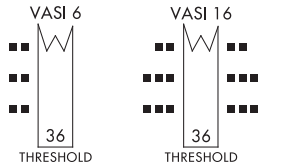
ALL LIGHTS WHITE — TOO HIGH
FAR LIGHTS RED, NEAR LIGHTS WHITE — ON GLIDE SLOPE
ALL LIGHTS RED — TOO LOW



V3 VISUAL APPROACH SLOPE INDICATOR

VASI

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



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LEGEND 15344

LEGEND 18256

INSTRUMENT APPROACH PROCEDURES (CHARTS)

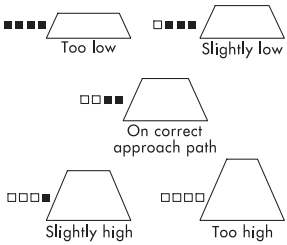
APPROACH LIGHTING SYSTEM - UNITED STATES

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

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

(P) PRECISION APPROACH PATH INDICATOR

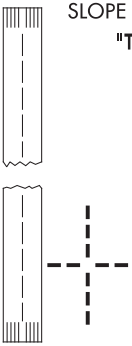
PAPI



Legend: □ White ■ Red

(V1) "T"-VISUAL APPROACH SLOPE INDICATOR

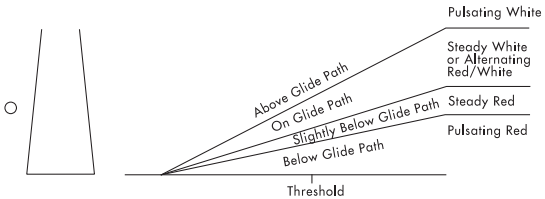
"T"-VASI



"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.

(V2) PULSATING VISUAL APPROACH SLOPE INDICATOR

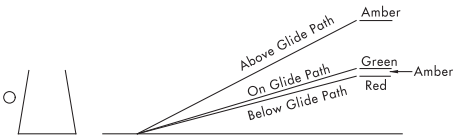
PVASI



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

(V4) TRI-COLOR VISUAL APPROACH SLOPE INDICATOR

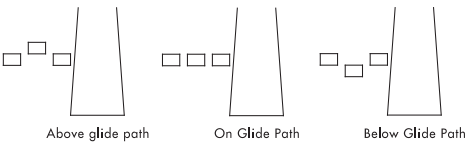
TRCV



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

(V5) ALIGNMENT OF ELEMENTS SYSTEMS

APAP



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

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FREQ PAIRING 20198

FREQUENCY PAIRING TABLE

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

See the Chart Supplement for a complete listing.

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FREQ PAIRING 20198

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ALTERNATE MINIMUMS ....M
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ILS Z OR LOC Z RWY 23 2
RNAV (GPS) RWY 23 3
NDB/DME RWY 23 4
DPS ..... JALEX THREE (RNAV) 5
TTAUN FOUR (RNAV) 6

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DPS ..... JOGMO ONE (OBSTACLE) (RNAV) 8

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RNAV (GPS) RWY 21 10
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RNAV (GPS) RWY 27 13
RNAV (GPS)-A 14
DPS ..... ZEBUV ONE (OBSTACLE) (RNAV) 15

ALLAKAKET, AK
ALLAKAKET(6A8)
TAKEOFF MINIMUMS L
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RNAV (GPS) RWY 23 17

ALLEN AAF(PABI)
DELTA JUNCTION/FORT GREELY, AK
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RNAV (GPS) RWY 19 20
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AMBLER(AFM)
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WITTI FOUR (RNAV) Z14
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ILS OR LOC RWY 07R 30
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IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

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

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

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

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

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

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

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

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ADAK ISLAND, AK

ADAK (ADK) (PADK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31JUL08 (08213) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, Std. w/ min. climb of 370 feet per NM to 4400, or 4400-3 for climb in visual conditions.
Rwy 18, NA-obstacles.
Rwy 23, Std. w/ min. climb of 622 feet per NM to 4600, or 4400-3 for climb in visual conditions.
Rwy 36, NA-obstacles.

DEPARTURE PROCEDURE:

Rwy 5, Climb via 054° bearing from ADK NDB/DME to 4400, then climbing right turn to 5600 direct ADK NDB/DME. Continue climb in ADK NDB/DME holding pattern (hold, NE, RT, 234° inbound) to cross ADK NDB/DME at or above MEA/MCA for route of flight, or for climb in visual conditions: Cross ADK NDB/DME at or above 5600 before proceeding on course.
Rwy 23, Climb to 4600 direct ADK NDB/DME and via 234° bearing from ADK NDB/DME then climbing left turn to 5600 direct ADK NDB/DME, continue climb in ADK NDB/DME holding pattern (hold, NE, RT, 234°nbound) to cross ADK NDB/DME at or above MEA/MCA for route of flight, or for climb in visual conditions: cross ADK NDB/DME at or above 5600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 5, Rising terrain beginning 39' from DER, 470' left of centerline, up to 50' MSL.
Rising terrain beginning 68' from DER, 244' right of centerline, up to 23' MSL.
Rwy 23, Rising terrain beginning 17' from DER, 356' right of centerline, up to 283' MSL.
Bush 1.8NM from DER, 1470' right of centerline, up to 10' AGL/507' MSL.
Bush 2 NM from DER, 20' left of centerline, up to 10' AGL/504' MSL.
Bush 3766' from DER, 142' right of centerline, 10' AGL/310' MSL.

AKHIOK, AK

AKHIOK (AKK) (PAKH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10MAY07 (07130) (FAA)

TAKEOFF MINIMUMS:

Rwy 22, N/A-obstacles.

DEPARTURE PROCEDURE:

Rwy 4, use JOGMO DEPARTURE.

AKIAK, AK

AKIAK (AKI) (PFAK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 27AUG09 (09239) (FAA)

DEPARTURE PROCEDURE:

Use AKIAK DEPARTURE.

AKUTAN, AK

AKUTAN (7AK) (PAUT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 27DEC19 (20086) (FAA)

DEPARTURE PROCEDURE:

Use ZEBUV departure

TAKEOFF OBSTACLE NOTES:

Rwy 9, terrain beginning 90’ from DER, 398’ right of centerline, up to 160’ MSL.
Terrain beginning 198’ from DER, 396’ right of centerline, up to 162’ MSL.
Terrain beginning 500’ from DER, 398’ right of centerline, up to 163’ MSL.
Terrain 2038’ from DER, 998’ left of centerline, 202’ MSL.
Terrain 2298’ from DER, 998’ left of centerline, 226’ MSL.
Terrain beginning 2353’ from DER, 923’ left of centerline, up to 234’ MSL.
Terrain beginning 2702’ from DER, 1197’ left of centerline, up to 249’ MSL.
Terrain beginning 3846’ from DER, 1198’ left of centerline, up to 258’ MSL.
Terrain beginning 3943’ from DER, 1167’ left of centerline, up to 263’ MSL.
Rwy 27, terrain 8’ from DER, 494’ left of centerline, 115’ MSL.
Terrain 1796’ from DER, 758’ left of centerline, 164’ MSL.
Terrain beginning 1968’ from DER, 800’ left of centerline, up to 170’ MSL.
Terrain beginning 2000’ from DER, 740’ left of centerline, up to 181’ MSL.

ALLAKAKET, AK

ALLAKAKET (6A8) (PFAL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 22AUG13 (13234) (FAA)

DEPARTURE PROCEDURE:

Rwy 5, climb heading 052° to 1500 before turning left.
Rwy 23, climb heading 232° to 1300 before turning.

TAKEOFF OBSTACLE NOTES:

Rwy 5, tree 799’ from DER, 606’ right of centerline, 83’ AGL/532’ MSL.
Tree 1297’ from DER, 664’ right of centerline, 85’ AGL/534’ MSL.
Tree 2007’ from DER, 342’ right of centerline, 49’ AGL/498’ MSL.

ALLEN AAF (PABI)

DELTA JUNCTION/FORT GREELY, AK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 05MAY11 (11125)

DEPARTURE PROCEDURE:

Rwys 19, 28, climbing right turn via heading 332° and BIG VORTAC R-287 to 3500, thence...
Rwys 1, 10, climbing left turn via heading 242° and BIG VORTAC R-287 to 3500, thence...
...for V444 westbound departures continue on course, all others turn right direct BIG VORTAC or DJN NDB and proceed via airway radials/bearings on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, multiple trees and fence beginning 46' from DER, 326' right of centerline, up to 59' AGL/1284' MSL.
Rwy 10, multiple trees, fence, and REILS beginning 41' from DER, left and right of centerline, up to 70' AGL/ 1331' MSL.
Rwy 19, multiple trees and power poles beginning 415' from DER, left and right of centerline, up to 46' AGL/1337' MSL.
Rwy 28, multiple trees and REILS beginning 4' from DER, left and right of centerline, up to 47' AGL/1301' MSL.

AMBLER, AK

AMBLER (AFM) (PAFM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 05JAN17 (17005) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, Std. w/min. climb of 260’ per NM to 2400 or 3400-3 for VCOA.
Rwys 10, 28, NA - obstacles.

DEPARTURE PROCEDURE:

Rwy 1, Climbing right turn, thence…
Rwy 19, Climbing left turn, thence…
...climb southeast bound on 156° bearing from AMF NDB to 2600, then climb on course.

VCOA:

Rwy 1, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Ambler airport at or above 3500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, tree 1772’ from DER, 936’ left of centerline, 51’ AGL/315’ MSL.

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ANAKTUVUK PASS, AK

ANAKTUVUK PASS (AKP) (PAKP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 21MAY20 (20142) (FAA)

TAKEOFF MINIMUMS:

Rwy 20, NA-obstacles.

DEPARTURE PROCEDURE:

Rwy 2, Use AKUMY RNAV DEPARTURE.

ANCHORAGE, AK

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 10OCT19 (19283) (FAA)

TAKEOFF MINIMUMS:

Rwy 7L, 300-1¼ or std. w/min. climb of 255' per NM to 1600.

Rwy 7R, 300-1 or std. w/min. climb of 285' per NM to 400.

Rwy 15, 300-1½ or std. w/min. climb of 205' per NM to 400.

DEPARTURE PROCEDURE:

Rwys 7L, 7R, 15, climbing right turn heading 252°, thence...

Rwys 25L, 25R, climbing left turn heading 182°, thence...

Rwy 33, climbing left turn heading 162°, thence...

...on TED VOR/DME R-210 and ENA VOR/DME R-028 to ENA VOR/DME before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 7L, vegetation 10' from DER, 492' right of centerline, 95' MSL.

NAVAID 10' from DER, 55' left of centerline, 10' AGL/92' MSL. Tree 789' from DER, 590' left of centerline, 133' MSL.

Trees beginning 934' from DER, 535 ' left of centerline, up to 142' MSL.

Tree, pole beginning 1037' from DER, 546' left of centerline, up to 148' MSL.

Tree 1172' from DER, 738' right of centerline, 148' MSL.

Tree, pole, transmission line beginning 1366' from DER, 8' right of centerline, up to 158' MSL.

Trees beginning 1625' from DER, 100' left of centerline, up to 152' MSL.

Trees beginning 1983' from DER, 32' left of centerline, up to 174' MSL.

Pole 3636' from DER, 1249' right of centerline, 92' AGL/184' MSL.

Pole 5244' from DER, 1181' left of centerline, 174' AGL/257' MSL.

Pole 5756' from DER, 761' left of centerline, 171' AGL/259' MSL.

Rwy 7R, terrain beginning 10' from DER, 167' right of centerline, up to 103' MSL.

Sign 106' from DER, 462' right of centerline, 9' AGL/111' MSL.

Pole, terrain, vegetation beginning 204' from DER, 537' right of centerline, up to 12' AGL/117' MSL.

Pole beginning 816' from DER, 698' right of centerline, up to 30' AGL/132' MSL.

Trees beginning 1039' from DER, 599' right of centerline, up to 159' MSL.

Trees beginning 1242' from DER, 573' right of centerline, up to 172 ' MSL.

Trees beginning 3121' from DER, 1220' right of centerline, up to 183' MSL.

Tree 3334' from DER, 1277' right of centerline, 189' MSL.

Tree 3497' from DER, 1203' right of centerline, 192' MSL.

Trees beginning 3921' from DER, 1003' right of centerline, up to 221' MSL.

Trees beginning 4209' from DER, 1415' right of centerline, up to 224' MSL.

Trees beginning 4274' from DER, 1209' right of centerline, up to 236' MSL.

Tree 4325' from DER, 1401' right of centerline, 237' MSL.

Tree 4363' from DER, 1479' right of centerline, 246' MSL.

Tree, tower, tank beginning 4378' from DER, 1139' right of centerline, up to 255' MSL.

Rwy 15, terrain, sign beginning 42' from DER, 422' right of centerline, up to 125' MSL.

Sign 59' from DER, 367' right of centerline, 10' AGL/126' MSL.

Trees beginning 1776' from DER, 384' right of centerline, up to 183' MSL.

Trees beginning 1879' from DER, 188' right of centerline, up to 187' MSL.

Tree 2010' from DER, 814' right of centerline, 189 ' MSL.

Tree 2011' from DER, 215' left of centerline, 172' MSL.

Trees beginning 2014' from DER, 32' left of centerline, up to 179' MSL.

Trees beginning 2019' from DER, 3' right of centerline, up to 200' MSL.

Tree 2073' from DER, 806' right of centerline, 201' MSL.

Trees beginning 2075' from DER, 5' right of centerline, up to 205' MSL.

Trees beginning 2337' from DER, 102' right of centerline, up to 206' MSL.

Tree 2472' from DER, 941' left of centerline, 187' MSL.

Tree 2506' from DER, 1002' left of centerline, 193' MSL.

Trees beginning 2524' from DER, 774' left of centerline, up to 195 ' MSL.

Tree 2659' from DER, 784' left of centerline, 196' MSL.

Trees beginning 2667' from DER, 242' left of centerline, up to 198' MSL.

Tree 2819' from DER, 257' left of centerline, 212' MSL.

Water tower 2829' from DER, 1069 ' left of centerline, 97' AGL/222' MSL.

Tower, tree beginning 2830' from DER, 177' left of centerline, up to 106' AGL/227' MSL.

Antenna, tower, tree beginning 2853' from DER, 83' left of centerline, up to 108' AGL/233' MSL.

Trees beginning 3021' from DER, 487' right of centerline, up to 209' MSL.

Tree 3112' from DER, 486' right of centerline, 213' MSL.

Tree 3133' from DER, 590' right of centerline, 214' MSL.

Trees beginning 3163' from DER, 458' right of centerline, up to 217' MSL.

CON'T

ANCHORAGE, AK (CON'T)

TED STEVENS ANCHORAGE INTL (ANC) (PANC) (CON'T)

Rwy 15 (CON'T), trees beginning 4055' from DER, 607' left of centerline, up to 247' MSL.
Tree 4482' from DER, 1517' right of centerline, 238' MSL.
Tree 5180' from DER, 398' right of centerline, 254' MSL.
Tree 5411' from DER, 658' right of centerline, 261' MSL.
Trees beginning 5503' from DER, 591' right of centerline, up to 270' MSL.
Trees beginning 5531' from DER, 590' right of centerline, up to 273' MSL.
Tree 1.2 NM from DER, 2433' right of centerline, 310' MSL.
Rwy 25L, NAVAID 4' from DER, on centerline, 11' AGL/135' MSL.
Vegetation 17' from DER, 500' left of centerline, 143' MSL.
Fence 422' from DER, 601' left of centerline, 13' AGL/166' MSL.
Fence 454' from DER, 530' left of centerline, 14' AGL/168' MSL.
Tree, vegetation beginning 843' from DER, 524' left of centerline, up to 174' MSL.
Trees beginning 1196' from DER, 601' left of centerline, up to 193' MSL.
Trees beginning 1301' from DER, 576' left of centerline, up to 194' MSL.
Trees beginning 1438' from DER, 771' left of centerline, up to 196' MSL.
Rwy 25R, NAVAID 9' from DER, 55' right of centerline, 6' AGL/128' MSL.
Rwy 33, vegetation 88' from DER, 496' right of centerline, 155' MSL.
Tree 991' from DER, 580' right of centerline, 177' MSL.
Tree 1035' from DER, 765' right of centerline, 229' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)
AMDT 2 29MAR18 (18088) (FAA)

Rwy 7L, heading as assigned by ATC; requires min. climb of 260' per NM to 600.
Rwys 25L, 25R, 33, heading as assigned by ATC.

MERRILL FIELD (MRI) (PAMR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 05DEC19 (19339) (FAA)

TAKEOFF MINIMUMS:
Rwys 5, 23, NA–ATC.
Rwy 7, 300-1⅞ or std. w/min. climb of 210' per NM to 400, or alternatively, with std. takeoff minimums and normal 200' per NM climb gradient, takeoff must occur no later than 1300' prior to DER.
Rwy 25, 300-1½ or std. w/min. climb of 365' per NM to 500.

DEPARTURE PROCEDURE:
Rwy 7, climbing left turn to intercept the BGQ VORTAC R-152 to BGQ VORTAC, thence...
Rwy 16, climbing right turn to intercept the BGQ VORTAC R-152 to BGQ VORTAC, thence...
Rwy 25, climbing right turn direct BGQ VORTAC, thence...
Rwy 34, climbing left turn direct BGQ VORTAC, thence...
...climb in BGQ VORTAC holding pattern (hold north, right turn 175° inbound) to MEA/MCA for route of flight before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 7, building 165' from DER, 363' right of centerline, 34' AGL/168' MSL.
Tree 749' from DER, 208' left of centerline, 163' MSL.
Tower 1.5 NM from DER, 2017' right of centerline, 160' AGL/384' MSL.
Rwy 16, NAVAID 14' from DER, 199' left of centerline, 32' AGL/131' MSL.
Trees beginning 96' from DER, 199' right of centerline, up to 186' MSL.
Tree 679' from DER, 364' right of centerline, 193' MSL.
Rwy 25, pole 19' from DER, 370' right of centerline, 37' AGL/157' MSL.
Pole, building beginning 343' from DER, 358' right of centerline, up to 50' AGL/165' MSL.
Pole 1185' from DER, 385' right of centerline, 65' AGL/180' MSL.
Tower 1745' from DER, 272' left of centerline, 75' AGL/195' MSL.
Tower, transmission line, pole beginning 1770' from DER, 310' left of centerline, up to 83' AGL/202' MSL.
Transmission line, pole beginning 2011' from DER, 410' right of centerline, up to 84' AGL/196' MSL.
Tower 2453' from DER, 990' right of centerline, 87' AGL/211' MSL.
Tower 2894' from DER, 431' left of centerline, 86' AGL/224' MSL.
Bldg twr 4020' from DER, 381' right of centerline, 193' AGL/293' MSL.
Buildings beginning 4025' from DER, 440' right of centerline, up to 189' AGL/306' MSL.
Building 1.1 NM from DER, 1257' right of centerline, 262' AGL/361' MSL.
Tower 1.1 NM from DER, 1296' right of centerline, 285' AGL/383' MSL.
Bldg twr, building beginning 1.1 NM from DER, 212' left of centerline, up to 312' AGL/422' MSL.
Rwy 34, pole 451' from DER, 158' left of centerline, 37' AGL/157' MSL.
Buildings, pole beginning 503' from DER, 261' right of centerline, up to 173' MSL.
Pole 539' from DER, 483' left of centerline, 50' AGL/165' MSL.
Building 1071' from DER, 345' right of centerline, 78' AGL/178' MSL.

ANIAK, AK

ANIAK (ANI) (PANI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 10SEP20 (20254) (FAA)

TAKEOFF MINIMUMS:

Rwy 11, std. w/min. climb of 275' per NM to 3900, or 2800-3 for VCOA.

Rwy 29, std. w/min. climb of 315' per NM to 1000, or 2800-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 11, climb heading 109° to 2800 before turning left.

Rwy 29, climb heading 289° to 1800 before proceeding on course.

VCOA:

All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Aniak Airport at or above 2700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 11, fence 5' from DER, 203' right of centerline, 8' AGL/99' MSL.
Traverse way 19' from DER, 241' right of centerline, 108' MSL.
Tree 21' from DER, 498' right of centerline, 47' AGL/137' MSL.
Traverse way 73' from DER, 184' right of centerline, 107' MSL.
Traverse way 133' from DER, 136' right of centerline, 107' MSL.
Building 146' from DER, 490' right of centerline, 12' AGL/103' MSL.
Poles, traverse ways, trees, buildings beginning 177' from DER, 46' right of centerline, up to 18' AGL/108' MSL.
Antennas, trees, buildings, poles, vertical structure beginning 500' from DER, 116' right of centerline, up to 54' AGL/148' MSL.
Tree 587' from DER, 636' left of centerline, 50' AGL/141' MSL.
Tree 625' from DER, 642' left of centerline, 53' AGL/145' MSL.
Trees, pole beginning 710' from DER, 639' left of centerline, up to 62' AGL/154' MSL.
Trees beginning 1858' from DER, 135' right of centerline, up to 64' AGL/160' MSL.
Trees beginning 2099' from DER, 558' right of centerline, up to 74' AGL/165' MSL.
Rwy 29, pole, tree beginning 309' from DER, 363' left of centerline, up to 29' AGL/119' MSL.
Trees beginning 453' from DER, 346' left of centerline, up to 32' AGL/126' MSL.
Tree 518' from DER, 536' left of centerline, 35' AGL/127' MSL.
Trees beginning 522' from DER, 433' left of centerline, up to 42' AGL/133' MSL.
Trees beginning 589' from DER, 296' left of centerline, up to 42' AGL/134' MSL.
Trees beginning 778' from DER, 309' left of centerline, up to 55' AGL/146' MSL.
Trees beginning 1.9 NM from DER, 1658' right of centerline, up to 46' AGL/395' MSL.
Trees beginning 1.9 NM from DER, 1225' right of centerline, up to 52' AGL/442' MSL.
Trees beginning 1.9 NM from DER, 1256' right of centerline, up to 37' AGL/452' MSL.
Tree 2 NM from DER, 2230' right of centerline, 19' AGL/458' MSL.
Trees beginning 2 NM from DER, 1705' right of centerline, up to 31' AGL/461' MSL.
Trees beginning 2 NM from DER, 2181' right of centerline, up to 29' AGL/467' MSL.
Trees beginning 2.2 NM from DER, 2959' right of centerline, up to 28' AGL/491' MSL.
Tree 2.2 NM from DER, 2662' right of centerline, 33' AGL/494' MSL.
Trees beginning 2.2 NM from DER, 2647' right of centerline, up to 38' AGL/498' MSL.
Tree 2.3 NM from DER, 3131' right of centerline, 24' AGL/510' MSL.
Trees beginning 2.3 NM from DER, 2736' right of centerline, up to 32' AGL/520' MSL.
Tree 2.3 NM from DER, 3245' right of centerline, 36' AGL/545' MSL.
Trees beginning 2.3 NM from DER, 3227' right of centerline, up to 659' MSL.

AK, 05 NOV 2020 to 31 DEC 2020

ANVIK, AK

ANVIK (ANV) (PANV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25SEP08 (08269) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 17, multiple trees beginning 56' from DER, 30' left of centerline, up to 50' AGL/436' MSL.
Multiple trees beginning 87' from DER, 38' right of centerline, up to 50' AGL/349' MSL.
Rwy 35, Multiple trees beginning 93' from DER, 129' left of centerline, up to 50' AGL/349' MSL.
Multiple trees beginning 8' from DER, 10' right of centerline, up to 50' AGL/366' MSL.

ARCTIC VILLAGE, AK

ARCTIC VILLAGE (ARC) (PARC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 16FEB06 (06047) (FAA)

DEPARTURE PROCEDURE:

Use TUVVO DEPARTURE.

ATKA, AK

ATKA (AKA) (PAAK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 29JUL10 (10210) (FAA)

DEPARTURE PROCEDURE:

Rwy 16, use HIMKI DEPARTURE.

Rwy 34, use INOTY DEPARTURE.

ATQASUK, AK

ATQASUK EDWARD BURNELL SR MEMORIAL (ATK) (PATQ)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 29JUL10 (10210) (FAA)
TAKEOFF OBSTACLE NOTES:
Rwy 6, trees beginning 11' from DER, 433' right of centerline up to 15' AGL/114' MSL.
Rwy 24, trees beginning 6' from DER, 449' left of centerline up to 15' AGL/114' MSL.

BARROW, AK

WILEY POST-WILL ROGERS MEMORIAL (BRW) (PABR)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 20AUG15 (15232) (FAA)
TAKEOFF OBSTACLE NOTES:
Rwy 7, navaids 8' from DER, from 81' left to 81' right of centerline up to 2' AGL/38' MSL.
Navaid 243' from DER on centerline, 32' AGL/46' MSL.
Rwy 25, road 139' from DER, 464' left of centerline, 17' AGL/63' MSL.
Road 231' from DER, 547' right of centerline, 17' AGL/60' MSL.
Pole 468' from DER, 551' right of centerline, 68' AGL/72' MSL.

BEAVER, AK

BEAVER (WBQ) (PAWB)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 27AUG09 (09239) (FAA)
TAKEOFF OBSTACLE NOTES:
Rwy 5, multiple trees beginning 229' from DER, 262' right of centerline, up to 60' AGL/419' MSL.
Multiple trees beginning 1263' from DER, 373' right of centerline, up to 60' AGL/419' MSL.
Vehicle on road 392' from DER, 9' right of centerline, 10' AGL/369' MSL.
Rwy 23, multiple trees beginning 1259' from DER, 374' right of centerline, up to 60' AGL/419' MSL.
Multiple trees beginning 1277' from DER, 366' left of centerline, up to 60' AGL/419' MSL.

BETHEL, AK

BETHEL (BET) (PABE)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 4 22JUN17 (17173) (FAA)
TAKEOFF MINIMUMS:
Rwy 30, 300-1⅛ or std. w/ min. climb of 240' per NM to 400.
TAKEOFF OBSTACLE NOTES:
Rwy 1L, bush and wind sock, beginning 7' from DER, 92' right of centerline. up to 10' AGL/108' MSL.
Wind sock 99' from DER, 282' left of centerline. 9' AGL/105' MSL.
Rwy 1R, tree 124' from DER, 452' left of centerline, 125' MSL.
Rwy 12, bushes beginning 13' from DER, 58' left of centerline. 2' AGL/128' MSL.
Rwy 19L, bush 40' from DER, 427' right of centerline, 4' AGL/125' MSL.
Trees beginning 20' from DER, 175' right of centerline, up to 130' MSL.
Rwy 19R, tree 11' from DER, 477' right of centerline. 11' AGL/131' MSL.
Trees beginning 21' from DER, 312' left of centerline, up to 130' MSL.
Vehicles on road beginning 46' from DER, 484' right of centerline, up to 15' AGL/132' MSL.
Wind sock and pole 214' from DER, 400' right of centerline, up to 35' AGL/133' MSL.
Wind sock 218' from DER, 414' right of centerline, 10' AGL/133' MSL.
Rwy 30, building, antenna on building, and a vent beginning 312' from DER 532' right of centerline, up to 25' AGL/148' MSL.
Tower 5780' from DER, 66' right of centerline, 139' AGL/294' MSL.

BETTLES, AK

BETTLES (BTT) (PABT)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3 24MAY18 (18144) (FAA)
TAKEOFF MINIMUMS:
Rwy 2, 500 and 2½ or std. w/ min. climb of 285' per NM to 1200.
DEPARTURE PROCEDURE:
Rwy 2, climb heading 016° to 2500 then climbing left turn to 3600 direct BTT VOR/DME, continue climb in BTT holding pattern (hold south, left turn, 338° inbound) to cross BTT VOR/DME at or above MEA/MCA for route of flight.
Rwy 20, climb heading 196° to 2000 then climbing left turn to 3600 direct BTT VOR/DME, continue climb in BTT VOR/DME holding pattern (hold south, left turn, 338° inbound) to cross BTT VOR/DME at or above MEA/MCA for route of flight.
TAKEOFF OBSTACLE NOTES:
Rwy 2, vehicle on road 4' from DER, 108' left of centerline, 660' MSL.
Vehicle on road 19' from DER, 165' right of centerline, 659' MSL.
Tree, vehicle on road beginning 24' from DER, 25' left of centerline, up to 37' AGL/671' MSL.
Vehicle on road 49' from DER, 71' right of centerline, 660' MSL.
Trees beginning 138' from DER, 29' left of centerline, up to 45' AGL/679' MSL.
Tree 410' from DER, 587' right of centerline, 41' AGL/684' MSL.
Trees beginning 506' from DER, 108' right of centerline, up to 48' AGL/691' MSL.
CON'T

BETTLES, AK (CON'T)

BETTLES (BTT) (PABT) (CON'T)

Rwy 2 (CON'T), tree 2016' from DER, 972' left of centerline, 65' AGL/698' MSL.
Tree 2108' from DER, 870' left of centerline, 72' AGL/704' MSL.
Tree 2432' from DER, 1112' left of centerline, 78' AGL/712' MSL.
Tree 1.7 NM from DER, 2988' right of centerline, 67' AGL/929' MSL.
Trees beginning 1.8 NM from DER, 2436' right of centerline, up to 38' AGL/1037' MSL.
Tree, terrain + veg beginning 1.9 NM from DER, 1946' right of centerline, up to 44' AGL/1059' MSL.
Rwy 20, vehicle on road 2' from DER, 112' left of centerline, 649' MSL.
Tree, sign, vehicle on road, vegetation, antenna beginning 2' from DER, 16' left of centerline, up to 36' AGL/670' MSL.
Sign 9' from DER, 93' right of centerline, 4' AGL/638' MSL.
Trees beginning 104' from DER, 189' right of centerline, up to 30' AGL/666' MSL.
Trees beginning 139' from DER, 11' right of centerline, up to 38' AGL/674' MSL.
Trees beginning 342' from DER, 270' right of centerline, up to 52' AGL/687' MSL.

BIG LAKE, AK

BIG LAKE (BGQ) (PAGQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 09FEB12 (12040) (FAA)

TAKEOFF MINIMUMS:
Rwy7, 300-1 w/ min. climb of 310' per NM to 700, or 900-2½ for climb in visual conditions.
Rwy 25, 400-2 or std. w/min. climb of 320' per NM to 700.

DEPARTURE PROCEDURE:
Rwy 7, climbing left turn to BGQ VORTAC, thence..., or for climb in visual conditions cross Big Lake Airport at or above 900 then proceed direct BGQ VORTAC, thence...
Rwy 25, climbing right turn direct BGQ VORTAC, thence...
...climb in BGQ VORTAC holding pattern (hold S, left turn, 356° inbound) to MCA/MEA for route of flight.

TAKEOFF OBSTACLE NOTES:
Rwy 7, bushes beginning 33' from DER, 335' left of centerline, up to 10' AGL/259' MSL.
Multiple trees beginning 1150' from DER, 310' left of centerline, up to 60' AGL/409' MSL.
Multiple trees beginning 2265' from DER, 708' right of centerline, up to 60' AGL/309' MSL.
Rwy 25, trees beginning 33' from DER, 109' left of centerline, up to 60' AGL/259' MSL.
Trees beginning 960' from DER, 185' right of centerline, up to 60' AGL/259' MSL.

BREVIG MISSION, AK

BREVIG MISSION (KTS) (PFKT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 03JAN19 (19003) (FAA)

TAKEOFF MINIMUMS:
Rwy 5, NA - terrain.

DEPARTURE PROCEDURE:
Rwys 12, 23, 30, use BREVIG DEPARTURE.

TAKEOFF OBSTACLE NOTES:
Rwy 12, bush 153' from DER, 373' right of centerline, 15' AGL/40' MSL.
Rwy 23, terrain 103' from DER, 300' right of centerline, 69' MSL.
Pole 263' from DER, 542' right of centerline, 35' AGL/60' MSL.
Vehicles on road 135' from DER, 440' left of centerline, 14' AGL/39' MSL.
Rwy 30, terrain beginning 142' from DER, left and right of centerline, up to 85' MSL.

BRYANT AAF (FRN) (PAFR)

FORT RICHARDSON (ANCHORAGE), AK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22JUN17 (17173)

TAKE-OFF MINIMUMS:
Rwy 17, NA-Airspace.

DEPARTURE PROCEDURE:
Rwy 35, OIS 40:1 evaluation at DER begins at 0', climbing left turn direct BGQ VORTAC. Maintain ATC assigned altitude.

TAKEOFF OBSTACLE NOTES:
Rwy 35, treeline 81' from DER, 171' left of cntrln, 100' AGL/422' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)

ORIG 30APR15 (15120) (FAA)

Rwy 35, heading as assigned by ATC.

BUCKLAND, AK

BUCKLAND (BVK) (PABL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 19JUL18 (18200) (FAA)

TAKEOFF MINIMUMS:

Rwy 11, std. w/min. climb of 245' per NM to 900, or 1800-2½ for VCOA.

DEPARTURE PROCEDURE:

Rwy 11, climb on a heading between 320° CW 220° from DER to 3000 before proceeding on course.

Rwy 29, climb on a heading between 285° CW 105° from DER to 3000 before proceeding on course.

VCOA:

Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Buckland airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 11, tree 8' from DER, 183' left of centerline, 43' MSL.
Wind indicator 63' from DER, 313' left of centerline, 24' AGL/49' MSL.
Pole 1142' from DER, 435' left of centerline, 33' AGL/62' MSL.
Pole 1434' from DER, 150' right of centerline, 48' AGL/69' MSL.
Tower 1494' from DER, 109' right of centerline, 50' AGL/74' MSL.
Antenna 1651' from DER, 269' left of centerline, 74' AGL/96' MSL.
Towers beginning 1656' from DER, 268' left of centerline, up to 71' AGL/97' MSL.
Rwy 29, lighting 10' from DER, 58' right of centerline, 2' AGL/28' MSL.
Lighting 10' from DER, 56' left of centerline, 2' AGL/28' MSL.

CAPE LISBURNE LRRS (PALU)

CAPE LISBURNE

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08NOV18 (18312)

Diverse departures NA.

DEPARTURE PROCEDURE:

Rwy 9, use GRAAY DEPARTURE (RNAV 1).

Rwy 27, NA.

TAKEOFF OBSTACLE NOTES:

Rwy 9, terrain 0' from DER, 106' left of cntrln, 15' MSL.
Terrain 0' from DER, 500' right of cntrln, 41' MSL.
Terrain 1495' from DER, 867' right of cntrln, 56' MSL.
Terrain 1521' from DER, 908' right of cntrln, 58' MSL.
Terrain 28' from DER, 213' right of cntrln, 33' MSL.
Terrain 300' from DER, 472' right of cntrln, 36' MSL.
Terrain 380' from DER, 602' right of cntrln, 36' MSL.
Building 1417' from DER, 482' right of cntrln, 0' AGL/108' MSL.
Building 2428' from DER, 539' right of cntrln, 0' AGL/80' MSL.
Building 234' from DER, 517' right of cntrln, 70' AGL/107' MSL.
Building 3730' from DER, 561' right of cntrln, 0' AGL/81' MSL.
Building 729' from DER, 560' right of cntrln, 54' AGL/80' MSL.
Fuel tank 485' from DER, 579' right of cntrln, 0' AGL/64' MSL.
Radar dish 1361' from DER, 522' right of cntrln, 0' AGL/91' MSL.
Radar dish 1576' from DER, 541' right of cntrln, 0' AGL/82' MSL.
Twr 2419' from DER, 532' right of cntrln, 110' AGL/151' MSL.
Weather equipment 1278' from DER, 19' left of cntrln, 0' AGL/68' MSL.

CAPE NEWENHAM LRRS (PAEH)

CAPE NEWENHAM, AK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10DEC15 (15344)

Diverse departures not authorized.

DEPARTURE PROCEDURE:

Rwy 15, NA.

Rwy 33, use CABNN ONE DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 33, terrain abeam the DER, 106' left of centerline, 228' MSL.
Terrain abeam the DER, 25' right of centerline, 237' MSL.
Terrain 203' from DER, 396' right of centerline, 249' MSL.

CAPE ROMANZOF LRRS (PACZ)

CAPE ROMANZOF, AK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3, 31MAR16 (16091)

Diverse departures not authorized.

DEPARTURE PROCEDURE:

Rwy 2, NA.

Rwy 20, use CAPE ROMANZOF DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 20, terrain, 237' from DER, 563' left of centerline, 451' MSL.

Terrain, 261' from DER, 499' left of centerline, 433' MSL.

Terrain, at the DER, 500' left of centerline, 454' MSL.

CENTRAL, AK

CENTRAL (CEM) (PACE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29MAY14 (14149) (FAA)

TAKEOFF MINIMUMS:

Rwys 8, 26, 2900-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwys 8, 26, for climb in visual conditions, cross Central Airport at or above 3700 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 8, trees beginning 149' from DER, left and right of centerline, up to 73' AGL/972' MSL.

Rwy 26, trees beginning 80' from DER, left and right of centerline, up to 78' AGL/1045' MSL.

Building, 179' from DER, 204' left of centerline, 23' AGL/952' MSL.

Pole/antenna on buildings beginning 228' from DER, 198' left of centerline, up to 46' AGL/982' MSL.

Vehicle on road, 491' from DER, 3' right of centerline, 15' AGL/955' MSL.

Vent/chimney on buildings beginning 736' from DER, 10' right of centerline, up to 25' AGL/964' MSL.

Building, 79' from DER, 294' right of centerline, 19' AGL/951' MSL.

Vehicles on road beginning 84' from DER, 410' right of centerline, up to 15' AGL/951' MSL.

Pole, 532' from DER, 298' right of centerline, 39' AGL/978' MSL.

CHALKYITSIK, AK

CHALKYITSIK (CIK) (PACI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 16JUL20 (20198) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 4, vehicle on road 3' from DER, 432' right of centerline, 559' MSL.

Vehicle on road, tree beginning 42' from DER, 354' right of centerline, up to 560' MSL.

Vegetation 73' from DER, 86' left of centerline, 9' AGL/557' MSL.

Vehicle on road 77' from DER, 282' right of centerline, 561' MSL.

Tree, vegetation beginning 78' from DER, 158' right of centerline, up to 45' AGL/565' MSL.

Wind indicator, vehicle on roads, trees, vegetation beginning 111' from DER, 25' right of centerline, up to 21' AGL/572' MSL.

Vehicle on road 134' from DER, 228' left of centerline, 561' MSL.

Vehicle on road 158' from DER, 247' left of centerline, 562' MSL.

Trees, vegetation, vehicle on roads beginning 168' from DER, 219' left of centerline, up to 54' AGL/607' MSL.

Trees, vehicle on roads, buildings, tanks, vertical structures, poles, fences, catenaries, antennas beginning 208' from DER, 111' left of centerline, up to 56' AGL/609' MSL.

Trees, buildings, vertical structures, fences, poles, vehicle on roads, antennas, catenaries beginning 586' from DER, 311' left of centerline, up to 54' AGL/611' MSL.

Tree 908' from DER, 700' right of centerline, 50' AGL/577' MSL.

Tree 1111' from DER, 583' right of centerline, 53' AGL/582' MSL.

Tree 1187' from DER, 762' right of centerline, 68' AGL/592' MSL.

Trees beginning 1356' from DER, 455' right of centerline, up to 82' AGL/609' MSL.

Rwy 22, tree, NAVAIDs beginning 1' from DER, 27' right of centerline, up to 15' AGL/538' MSL.

NAVAID 10' from DER, 47' left of centerline, 1' AGL/529' MSL.

NAVAID 10' from DER, 27' left of centerline, 2' AGL/530' MSL.

Trees beginning 21' from DER, 113' left of centerline, up to 20' AGL/546' MSL.

Tree 27' from DER, 338' right of centerline, 46' AGL/570' MSL.

Tree 29' from DER, 263' right of centerline, 52' AGL/575' MSL.

Trees beginning 162' from DER, 55' right of centerline, up to 59' AGL/582' MSL.

Tree 173' from DER, 369' left of centerline, 35' AGL/561' MSL.

Trees beginning 191' from DER, 23' left of centerline, up to 39' AGL/563' MSL.

Trees beginning 811' from DER, 415' left of centerline, up to 44' AGL/568' MSL.

Trees beginning 854' from DER, 394' left of centerline, up to 54' AGL/578' MSL.

Trees beginning 900' from DER, 29' left of centerline, up to 56' AGL/579' MSL.

Tree 1634' from DER, 928' left of centerline, 64' AGL/586' MSL.

Trees beginning 1910' from DER, 675' left of centerline, up to 68' AGL/590' MSL.

CHEVAK, AK

CHEVAK (VAK) (PAVA)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 03JAN20 (20030) (FAA)
TAKEOFF OBSTACLE NOTES:
Rwy 20, lighting 0' from DER, 66' right of centerline, 3' AGL/48' MSL

CHUATHBALUK, AK

CHUATHBALUK (9A3) (PACH)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 22OCT09 (09295) (FAA)
DEPARTURE PROCEDURE:
See EBSIH DEPARTURE.

CLARKS POINT, AK

CLARKS POINT (CLP) (PFCL)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 11FEB10 (10042) (FAA)
TAKEOFF OBSTACLE NOTES:
Rwy 18, trees and terrain beginning 50' from DER, 283' left of centerline, up to 35' AGL/201' MSL.
Rwy 36, trees and terrain beginning 12' from DER, 168' left and right of centerline, up to 35' AGL/159' MSL.

COLD BAY, AK

COLD BAY (CDB) (PACD)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 9 10SEP20 (20254) (FAA)
TAKEOFF MINIMUMS:
Rwy 26, 900-2¾ or std. w/min. climb of 400' per NM to 500.
DEPARTURE PROCEDURE:
Rwy 8, climb to 1000 on heading 083° then climbing left turn on course 280° to ELF NDB or to intercept CDB VORTAC R-090 to CDB VORTAC, thence...
Rwy 15, climb to 1000 on heading 146° then climbing left turn on course 315° to ELF NDB or to intercept CDB VORTAC R-135 to CDB VORTAC, thence...
Rwy 26, climbing right turn direct ELF NDB or CDB VORTAC, thence…
Rwy 33, climb direct ELF NDB or CDB VORTAC, thence...
...Aircraft eastbound on G12 continue climb in ELF NDB holding pattern (hold Northwest, left turn, 148° inbound) to 5000 before proceeding on course. All other aircraft continue climb on course to MEA or assigned altitude.
TAKEOFF OBSTACLE NOTES:
Rwy 8, bush 166' from DER, 331' left of centerline, 105' MSL.
Rwy 15, tree 161' from DER, 414' left of centerline, 104' MSL.
Rwy 26, grd beginning 1.5 NM from DER, 2395' left of centerline, up to 461' MSL.
Grd beginning 1.6 NM from DER, 2408' left of centerline, up to 517' MSL.
Grd beginning 1.7 NM from DER, 1928' left of centerline, up to 837' MSL.
Grd beginning 1.8 NM from DER, 1928' left of centerline, up to 871' MSL.
Grd beginning 1.9 NM from DER, 1863' left of centerline, up to 942' MSL.

COLDFOOT, AK

COLDFOOT (CXF) (PACX)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 20AUG15 (15232) (FAA)
DEPARTURE PROCEDURE:
Use BETTLES DEPARTURE.

CORDOVA, AK

MERLE K (MUDHOLE) SMITH (CDV) (PACV)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 29MAR18 (18088) (FAA)
TAKEOFF MINIMUMS:
Rwys 16, 34, NA – ATC.
Rwy 27, std. w/min. climb of 283' per NM to 4300.
DEPARTURE PROCEDURE:
Rwy 9, climb to assigned altitude on I-CDV localizer east course to FORAT/I-CDV 44.63 DME before proceeding on course.
Rwy 27, climbing left turn to 5000 on GCR NDB bearing 205° to EYAKS INT and hold (S, right turn, 025° inbound), continue climb-in-hold to 5000 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 9, trees and poles beginning 101' from DER, 454' left of centerline, up to 30' AGL/68' MSL.
Rwy 27, trees beginning 15' from DER, 423' left of centerline, up to 30' AGL/84' MSL.
NOTE:
Rwy 9, DME required.
Rwy 27, ADF Required, do not exceed 210K until established on 205° bearing from GCR NDB.

DEADHORSE, AK

DEADHORSE (SCC) (PASC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 12OCT17 (17285) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 6, sign 13' from DER, 250' left of centerline, 2' AGL/62' MSL.

Rwy 24, light 10' from DER, 5' right of centerline, 1' AGL/68' MSL.

DEERING, AK

DEERING (DEE) (PADE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05JAN17 (17005) (FAA)

TAKEOFF MINIMUMS:

Rwy 12, std. w/ min. climb of 350' per NM to 700, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 21, climb heading 209° to 600 before turning left.

VCOA:

Rwy 12, for climb in visual conditions, cross Deering airport at or above 1000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, vegetation 20' from DER, 138' right of centerline, 23' MSL.
Vegetation 25' from DER, 127' left of centerline, 21' MSL.
Terrain, beginning 68' from DER, 9' right of centerline, up to 37' MSL.
Terrain, beginning 157' from DER, 178' left of centerline, up to 37' MSL.
Pole, terrain, beginning 246' from DER, 17' right of centerline, up to 28' AGL/42' MSL.
Terrain, beginning 397' from DER, 365' left of centerline, up to 40' MSL.
Pole, terrain, beginning 575' from DER, 212' right of centerline, up to 37' AGL/50' MSL.
Rwy 12, terrain 114' from DER, 238' right of centerline, 30' MSL.
Terrain 132' from DER, 153' left of centerline, 30' MSL.
Terrain 5565' from DER, 1138' left of centerline, 165' MSL.
Terrain, beginning 5582' from DER, 255' left of centerline, up to 201' MSL.
Terrain, beginning 5963' from DER, 10' left of centerline, up to 210' MSL.
Terrain, beginning 6002' from DER, 774' right of centerline, up to 181' MSL.
Terrain 1 NM from DER, 1187' left of centerline, 217' MSL.
Terrain, grd, beginning 1 NM from DER, 157' left of centerline, up to 227' MSL.
Terrain, beginning 1 NM from DER, 234' right of centerline, up to 201' MSL.
Terrain 1 NM from DER, 2049' right of centerline, 204' MSL.
Terrain, beginning 1 NM from DER, 87' right of centerline, up to 210' MSL.
Terrain, beginning 1 NM from DER, 60' left of centerline, up to 237' MSL.
Terrain, grd, vegetation, beginning 1 NM from DER, 31' right of centerline, up to 220' MSL.
Terrain, grd, beginning 1.1 NM from DER, 207' left of centerline, up to 243' MSL.
Terrain, vegetation, beginning 1.1 NM from DER, 37' right of centerline, up to 243' MSL.
Terrain, grd, beginning 1.1 NM from DER, 109' left of centerline, up to 253' MSL.
Grd 1.1 NM from DER, 2042' right of centerline, 243' MSL.
Terrain, grd, beginning 1.1 NM from DER, 19' right of centerline, up to 240' MSL.
Terrain, grd, beginning 1.1 NM from DER, 257' left of centerline, up to 260' MSL.
Terrain 1.2 NM from DER, 1312' right of centerline, 253' MSL.
Terrain, beginning 1.2 NM from DER, 12' left of centerline, up to 273' MSL.
Terrain, beginning 1.2 NM from DER, 135' right of centerline, up to 263' MSL.
Grd, terrain, beginning 1.2 NM from DER, 36' right of centerline, up to 274' MSL.
Terrain, grd, beginning 1.2 NM from DER, 159' left of centerline, up to 286' MSL.
Terrain, beginning 1.2 NM from DER, 85' right of centerline, up to 276' MSL.
Terrain, beginning 1.2 NM from DER, 306' left of centerline, up to 306' MSL.
Terrain, grd, beginning 1.3 NM from DER, 23' left of centerline, up to 315' MSL.
Terrain, beginning 1.3 NM from DER, 723' right of centerline, up to 299' MSL.
Grd, terrain, beginning 1.3 NM from DER, 330' right of centerline, up to 305' MSL.
Terrain, grd, beginning 1.3 NM from DER, 14' left of centerline, up to 325' MSL.
Terrain, beginning 1.3 NM from DER, 183' right of centerline, up to 315' MSL.
Terrain, beginning 1.4 NM from DER, 35' right of centerline, up to 315' MSL.
Terrain, grd, beginning 1.4 NM from DER, 280' right of centerline, up to 332' MSL.
Terrain, beginning 1.4 NM from DER, 133' right of centerline, up to 335' MSL.
Terrain, grd, beginning 1.4 NM from DER, 378' right of centerline, up to 352' MSL.
Terrain, grd, beginning 1.5 NM from DER, 5' right of centerline, up to 429' MSL.
Terrain 1.9 NM from DER, 3416' right of centerline, 325' MSL.
Rwy 21, lt, beginning abeam DER, 47' left of centerline, up to 4' AGL/27' MSL.
Lt, REIL ltd, beginning abeam DER, 51' right of centerline, up to 4' AGL/26' MSL.
Terrain, beginning 56' from DER, 62' right of centerline, up to 60' MSL.
Terrain 81' from DER, 515' left of centerline, 40' MSL.
Terrain, beginning 233' from DER, 125' left of centerline, up to 43' MSL.
Terrain, beginning 601' from DER, 265' right of centerline, up to 63' MSL.
Terrain 1539' from DER, 859' right of centerline, 69' MSL.
Terrain, beginning 1932' from DER, 867' right of centerline, up to 86' MSL.
Terrain, beginning 2476' from DER, 883' right of centerline, up to 92' MSL.
Rwy 30, terrain 86' from DER, 299' right of centerline, 40' MSL.
Terrain 104' from DER, 92' left of centerline, 43' MSL.

CON'T

DEERING, AK (CON'T)

DEERING (DEE) (PADE) (CON'T)

Rwy 30 (CON'T), terrain, beginning 122' from DER, 239' left of centerline, up to 46' MSL.
Terrain, beginning 268' from DER, 152' right of centerline, up to 43' MSL.
Terrain, beginning 467' from DER, 5' right of centerline, up to 50' MSL.
Terrain, beginning 648' from DER, 250' right of centerline, up to 60' MSL.
Terrain, beginning 683' from DER, 141' left of centerline, up to 56' MSL.
Terrain, beginning 847' from DER, 103' right of centerline, up to 66' MSL.
Terrain 883' from DER, 288' left of centerline, 66' MSL.
Terrain, beginning 900' from DER, 43' left of centerline, up to 73' MSL.
Terrain, beginning 1046' from DER, 201' right of centerline, up to 69' MSL.

DILLINGHAM, AK

DILLINGHAM (DLG) (PADL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 15JAN09 (09015) (FAA)

DEPARTURE PROCEDURE:

Rwy 1, climb on heading between 023° CW to 191° from DER or minimum climb of 265' per NM to 3100' for all other courses.
Rwy 19, climb heading 191° to 800' before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 1, vehicle on road 191' from DER, left and right, up to 15' AGL/75' MSL.
Multiple trees, poles, fence and antenna 833' from DER, 222' right of centerline, up to 58' AGL/165' MSL.
Multiple trees and poles beginning 1607' from DER, 222' left of centerline, up to 58' AGL/189' MSL.
Rwy 19, building and multiple trees beginning 177' from DER, 191' right of centerline, up to 49' AGL/118' MSL.
Multiple trees, antenna and poles beginning 129' from DER, 234' left of centerline, up to 38' AGL/114' MSL.

EAGLE, AK

EAGLE (EAA) (PAEG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29MAY14 (14149) (FAA)

TAKEOFF MINIMUMS:

Rwy 7, 4000-3 for climb in visual conditions...
Rwy 25, Std. w/min. climb of 695' to 6700 or 4000-3 for climb in visual conditions...

DEPARTURE PROCEDURE:

Rwy 25, climb heading 266° to 6700 before proceeding on course.
… For climb in visual conditions, cross Eagle Airport at or above 4800 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 7, trees beginning 194' from DER, 222' right of centerline, up to 60' AGL/1024' MSL.
Trees beginning 484' DER, 84' left of centerline, up to 60' AGL/1859' MSL.
Rwy 25, pole 223' from DER, 296' right of centerline, 40' AGL/912' MSL.
Airport beacon 320' from DER, 493' left of centerline, 20' AGL/931' MSL.
Antenna on building 331' from DER, 336' left of centerline, 20' AGL/912' MSL.
Trees beginning 159' from DER, 74' right of centerline, up to 60' AGL/1259' MSL.
Trees beginning 765' from DER, 129' left of centerline, up to 60' AGL/1559' MSL.

EEK, AK

EEK (EEK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10OCT19 (19283) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 18, lighting beginning at DER, 40' right of centerline, up to 3' AGL/25' MSL.
Lighting beginning at DER, 41' left of centerline, up to 3' AGL/25' MSL.
Rwy 36, lighting at DER, 40' left of centerline, up to 2' AGL/27' MSL.

EGEGIK, AK

EGEGIK (EII) (PAII)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 27AUG09 (09239) (FAA)

TAKEOFF MINIMUMS:

Rwys 3, 21, NA-Environmental.

EIELSON AFB (PAEI)

FAIRBANKS, AK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 07DEC17 (17341)

DEPARTURE PROCEDURE:

Rwy 32, std. w/ climb gradient of 250' per NM to 3800.

Rwy 14, std. w/ climb gradient of 280' per NM to 3800.

TAKEOFF OBSTACLE NOTES:

Rwy 32, trees 3316' from DER, 1040' left of centerline, 70' AGL/624' MSL.

Multiple trees beginning from 2663' to 2959' from DER, 1166' to 1234' right of centerline, 85' AGL/621' MSL.

Rwy 14, multiple trees from 1912' to 3607' from DER, 1191' to 1377' left of centerline, up to 85' AGL/657' MSL.

ELIM, AK

ELIM (ELI) (PFEL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08APR10 (10098) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, NA-Obstacles.

DEPARTURE PROCEDURE:

Rwy 19, use ELIM (RNAV) DEPARTURE.

ELMENDORF AFB (PAED)

ANCHORAGE, AK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 29MAR18 (18088)

TAKEOFF MINIMUMS:

Rwy 16, 1000-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 6, climb on heading between 243° CW 358° from DER, maintain ATC assigned altitude.

Rwy 16, VCOA: obtain ATC approval for VCOA when requesting IFR clearance. 1000-3 for climb in visual conditions to cross EDF northbound at or above 900, then via EDF R-337 to BAXTE at assigned ATC altitude. Remain within 3 NM of Elmendorf airport during climb in visual conditions.

Rwy 24, climb on heading between 263° CW 012° from DER, maintain ATC assigned altitude.

Rwy 34, climb on heading between 182° CW 010° from DER, maintain ATC assigned altitude.

TAKEOFF OBSTACLE NOTES:

Rwy 6, terrain at DER, 500' left of centerline, 209' MSL.

Terrain at DER, 500' right of centerline, 207' MSL.

Rwy 16, pylons beginning 3686' from DER, 157' right of centerline, up to 55' AGL/229' MSL.

Pylons beginning 3688' from DER, 62' left of centerline, up to 55' AGL/229' MSL.

Rwy 24, terrain at DER, 500' left of centerline, 175' MSL.

Storage container 3557' from DER, 1241' right of centerline, 283' MSL.

Terrain beginning 619' from DER, 585' right of centerline, up to 261' MSL.

Rwy 34, terrain at DER, 172' left of centerline, 213' MSL.

Terrain 63' from DER, 517' right of centerline, 221' MSL.

Terrain 1683' from DER, 612' right of centerline, 259' MSL.

Terrain beginning 1987' from DER, 855' left of centerline, up to 298' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 24MAY18 (18144) (FAA)

Rwys 6, 24, 34, heading as assigned by ATC.

EMMONAK, AK

EMMONAK (ENM) (PAEM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15MAR07 (07074) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 34, bush 11' from DER, 146' left of centerline, 5' AGL/17' MSL.

FAIRBANKS, AK

FAIRBANKS INTL (FAI) (PAFA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6A 15AUG19 (19227) (FAA)

TAKEOFF MINIMUMS:

Rwys 2, 2W, 20, 20W, NA - Air Traffic.

Rwy 2L, std. w/min. climb of 230' per NM to 2600.

Rwy 2R, std. w/min. climb of 205' per NM to 2000, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1900' prior to DER.

DEPARTURE PROCEDURE:

Rwy 2L, climb heading 035° to 2600 before proceeding on course.

Rwy 2R, climb heading 035° to 2100 before proceeding on course.

Rwys 20L, 20R, climb heading 200° to 2000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 2L, building 330' from DER, 251' left of centerline, 13' AGL/448' MSL.

Trees beginning 2256' from DER, 937' right of centerline, up to 84' AGL/517' MSL.

Pole, transmission line, catenary, and trees beginning 1961' from DER, 666' left of centerline, up to 78' AGL/514' MSL.

Rwy 2R, buildings, vehicles on road, bushes, signs, fence, tanks, and trees beginning abeam DER, 244' left of centerline, up to 15' AGL/448' MSL.

Signs and aircraft on ramp beginning 11' from DER, 247' right of centerline, up to 8' AGL/441' MSL.

Rwy 20L, light 9' from DER, 30' right of centerline, 1' AGL/434' MSL.

Light 9' from DER, 30' left of centerline, 1' AGL/437' MSL.

Sign and trees beginning 21' from DER, 249' right of centerline, up to 38' AGL/470' MSL.

Sign, transmission line tower, and catenaries beginning 49' from DER, 457' left of centerline, up to 37' AGL/465' MSL.

Trees beginning 292' from DER, 552' right of centerline, up to 72' AGL/501' MSL.

Pole, transmission line tower, and trees beginning 458' from DER, 546' left of centerline, up to 49' AGL/480' MSL.

Trees beginning 1225' from DER, 236' right of centerline, up to 70' AGL/501' MSL.

Trees beginning 1895' from DER, 131' left of centerline, up to 62' AGL/492' MSL.

Rwy 20R, building 7' from DER, 424' right of centerline, 22' AGL/447' MSL.

Light and NAVAID 10' from DER, 65' right of centerline, 1' AGL/437' MSL.

Light 10' from DER, 64' left of centerline, 1' AGL/436' MSL.

Trees beginning 1093' from DER, 786' left of centerline, up to 54' AGL/483' MSL.

Trees beginning 1799' from DER, 714' right of centerline, up to 66' AGL/492' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 10DEC15 (15344) (FAA)

Rwy 2L, heading as assigned by ATC; requires minimum climb of 210' per NM to 1600.

Rwy 2R, 20L, 20R, heading as assigned by ATC.

FORT YUKON, AK

FORT YUKON (FYU) (PFYU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12DEC13 (13346) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 4, terrain 2' from DER, 400' left of centerline, 449' MSL.

Multiple trees and poles beginning 4' from DER, 221' right of centerline, up to 51' AGL/496' MSL.

Bush 63' from DER, 481' left of centerline, 4' AGL/459' MSL.

Multiple trees beginning 251' from DER, 262' left of centerline, up to 45' AGL/494' MSL.

Rwy 22, terrain 27' from DER, 75' right of centerline, 450' MSL.

Windsock 200' from DER, 375' right of centerline, 22' AGL/463' MSL.

Multiple trees and poles beginning 442' from DER, 13' left of centerline, up to 66' AGL/509' MSL.

Trees beginning 72' from DER, 23' right of centerline, up to 67' AGL/507' MSL.

GALENA, AK

EDWARD G PITKA SR (GAL) (PAGA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13SEP18 (18256) (FAA)

TAKEOFF MINIMUMS:

Rwy 6, 24, NA – Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 8, dam 0' from DER, 198' right of centerline, 37' AGL/165' MSL.

Trees beginning 18' from DER, 298' right of centerline, up to 22' AGL/170' MSL.

Trees, terrain, traverse way beginning 50' from DER, 340' right of centerline, up to 24' AGL/171' MSL.

Tree, dam beginning 232' from DER, 443' right of centerline, up to 18' AGL/177' MSL.

Trees, traverse way beginning 247' from DER, 351' right of centerline, up to 40' AGL/189' MSL.

Trees, traverse way beginning 575' from DER, 179' right of centerline, up to 43' AGL/195' MSL.

Catenary 1439' from DER, 876' left of centerline, 44' AGL/195' MSL.

Rwy 26, NAVAID 26' from DER, 85' right of centerline, 2' AGL/150' MSL.

Tree 55' from DER, 498' left of centerline, 6' AGL/154' MSL.

Traverse way, trees beginning 211' from DER, 499' left of centerline, up to 169' MSL.

Tower, tree beginning 236' from DER, 456' right of centerline, up to 82' AGL/210' MSL.

Trees, traverse way beginning 350' from DER, 339' left of centerline, up to 42' AGL/193' MSL.

Trees beginning 2383' from DER, 851' right of centerline, up to 75' AGL/214' MSL.

GAMBELL, AK

GAMBELL (GAM) (PAGM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08JAN15 (15008) (FAA)

DEPARTURE PROCEDURE:

Rwy 16, climb heading 164° to 700 before turning left.

Rwy 34, climb heading 344° to 700 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 34, tower at DER, 178' right of centerline, 22' AGL/42' MSL.

GOLOVIN, AK

GOLOVIN (GLV) (PAGL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13SEP18 (18256) (FAA)

DEPARTURE PROCEDURE:

Use NOME DEPARTURE.

GRAYLING, AK

GRAYLING (KGX) (PAGX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 12OCT17 (17285) (FAA)

TAKEOFF MINIMUMS:

Rwy 17, std. w/min. climb of 290' per NM to 1200, or 1700-2½ for VCOA.

Rwy 35, 800-3 or standard w/min. climb of 390' per NM to 1400, or 1700-2½ for VCOA.

DEPARTURE PROCEDURE:

Rwy 17, climb on a heading between 360° CW 160° from DER to 1200 before proceeding on course.

Rwy 35, climb on a heading between 360° CW 160° from DER to 1400 before proceeding on course.

VCOA:

Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Grayling airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 17, bush 49' from DER, 397' right of centerline, 6' AGL/150' MSL.

Trees beginning 63' from DER, 336' right of centerline, up to 85' AGL/234' MSL.

Trees beginning 597' from DER, 395' right of centerline, up to 88' AGL/243' MSL.

Tree 655' from DER, 547' right of centerline, 94' AGL/251' MSL.

Trees beginning 1196' from DER, 543' right of centerline, up to 85' AGL/264' MSL.

Trees beginning 1879' from DER, 322' right of centerline, up to 80' AGL/272' MSL.

Trees beginning 2123' from DER, 281' right of centerline, up to 85' AGL/279' MSL.

Trees beginning 2317' from DER, 480' right of centerline, up to 103' AGL/283' MSL.

Trees beginning 4041' from DER, 683' right of centerline, up to 103' AGL/289' MSL.

Trees beginning 4646' from DER, 1031' right of centerline, up to 107' AGL/293' MSL.

Rwy 35, bushes beginning 39' from DER, 155' right of centerline, up to 7' AGL/96' MSL.

Signs beginning 55' from DER, 419' left of centerline, up to 12' AGL/103' MSL.

Tree 747' from DER, 128' right of centerline, 38' AGL/116' MSL.

Trees beginning 812' from DER, 108' right of centerline, up to 52' AGL/133' MSL.

Tree 1116' from DER, 605' left of centerline, 52' AGL/134' MSL.

Trees beginning 1303' from DER, 10' right of centerline, up to 59' AGL/140' MSL.

Trees beginning 1697' from DER, 334' right of centerline, up to 58' AGL/141' MSL.

Tree 1912' from DER, 585' left of centerline, 62' AGL/145' MSL.

Trees beginning 2060' from DER, 210' right of centerline, up to 58' AGL/148' MSL.

Tree 2147' from DER, 345' right of centerline, 58' AGL/150' MSL.

Trees beginning 2257' from DER, 5' right of centerline, up to 62' AGL/152' MSL.

Tree 2383' from DER, 693' left of centerline, 68' AGL/154' MSL.

Trees beginning 2997' from DER, 326' right of centerline, up to 51' AGL/179' MSL.

Tree 3124' from DER, 414' right of centerline, 52' AGL/185' MSL.

Tree 3155' from DER, 1189' left of centerline, 83' AGL/190' MSL.

Trees beginning 3158' from DER, 198' right of centerline, up to 60' AGL/211' MSL.

Trees, tank and tower beginning 3169' from DER, 185' right of centerline, up to 68' AGL/230' MSL.

Trees beginning 3643' from DER, 9' left of centerline, up to 66' AGL/257' MSL.

Trees beginning 1.4 NM from DER, 190' left of centerline, up to 103' AGL/396' MSL.

Trees beginning 1.4 NM from DER, 370' right of centerline, up to 88' AGL/404' MSL.

Trees beginning 1.6 NM from DER, left and right of centerline, up to 93' AGL/588' MSL.

Trees beginning 2.2 NM from DER, left and right of centerline, up to 83' AGL/756' MSL.

Trees beginning 2.4 NM from DER, on centerline, up to 63' AGL/808' MSL.

Trees beginning 2.5 NM from DER, on centerline, up to 53' AGL/848' MSL.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

GULKANA, AK

GULKANA (GKN) (PAGK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 16JUL20 (20198) (FAA)

DEPARTURE PROCEDURE:

Rwy 15L, climb on heading 154° to 2800, then climbing left turn direct GKN VOR/DME, thence...

Rwy 33R, climb on heading 334° to 2800, then climbing left turn direct GKN VOR/DME, thence...

...climb in holding pattern (GKN VOR/DME hold northwest, right turn, 113° inbound), to cross GKN VOR/DME at or above MEA for route of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 15L, tree 263' from DER, 562' left of centerline, 1592' MSL.
Tree 597' from DER, 557' right of centerline, 1610' MSL.
Tree 1144' from DER, 551' left of centerline, 1604' MSL.
Tree 1940' from DER, 490' right of centerline, 1612' MSL.
Trees beginning 1942' from DER, 316' left of centerline, up to 1643' MSL.
Trees beginning 2028' from DER, 377' right of centerline, up to 1618' MSL.
Rwy 33R, tree 227' from DER, 467' right of centerline, 1637' MSL.
Tree 490' from DER, 594' left of centerline, 1660' MSL.
Tree 569' from DER, 570' right of centerline, 1640' MSL.
Tree 709' from DER, 686' right of centerline, 1652' MSL.
Trees beginning 1275' from DER, 495' right of centerline, up to 1663' MSL.
Tree 2613' from DER, 399' left of centerline, 1669' MSL.

GUSTAVUS, AK

GUSTAVUS (GST) (PAGS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 27JUN13 (13178) (FAA)

DEPARTURE PROCEDURE:

Use GUSTAVUS DEPARTURE.

HEALY, AK

HEALY RIVER (HRR) (PAHV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22JUN17 (17173) (FAA)

DEPARTURE PROCEDURE:

Use HEALY DEPARTURE.

HOLY CROSS, AK

HOLY CROSS (HCA) (PAHC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 27AUG09 (09239) (FAA)

DEPARTURE PROCEDURE:

Rwy 1, climb heading 013° to 1000 before proceeding on course.

Rwy 19, climb heading 193° to 1000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, multiple trees beginning 11' from DER, 163' right of centerline, up to 60' AGL/159' MSL.
Multiple trees beginning 14' from DER, 140' left of centerline, up to 60' AGL/159' MSL.
Rwy 19, multiple trees beginning 21' from DER, 98' right of centerline, up to 60' AGL/159' MSL.
Multiple trees beginning 47' from DER, 117' left of centerline, up to 60' AGL/159' MSL.

HOMER, AK

HOMER (HOM) (PAHO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 20JUN19 (19171) (FAA)

TAKEOFF MINIMUMS:

Rwys 6W, 24W, NA - Environmental.

Rwy 4, std. w/min. climb of 340' per NM to 2000 or 3800-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 4, climb on heading 038° to 2000, then climbing right turn heading 240° to intercept and track outbound on HOM VOR/DME R-210 thence . . .

Rwy 22, climbing right turn heading 245° to intercept HOM VOR/DME R-210 thence . . .

. . . northeast through southwest bound (020 CW 210) climb to 2600 on HOM VOR/DME R-210 then right turn direct HOM VOR/DME cross HOM VOR/DME at or above 4000, then climb on course.

. . . southwest through northeast bound (211 CW 019) climb to 2600 on HOM VOR/DME R-210 outbound then climb on course.

VCOA:

Rwy 4, obtain ATC approval for VCOA when requesting IFR clearance: climb in visual conditions to cross Homer airport at or above 3700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, terrain 7' from DER, 421' right of centerline, 91' MSL.
Vegetation, lighting, terrain beginning 9' from DER, 4' right of centerline, up to 95' MSL.
Lighting 11' from DER, 5' left of centerline, 2' AGL/75' MSL.
Wind indicator 223' from DER, 329' right of centerline, 19' AGL/108' MSL.
Pole, NAVAID beginning 224' from DER, 196' right of centerline, up to 20' AGL/109' MSL.
Tree 1381' from DER, 527' right of centerline, 128' MSL.
Tree 1939' from DER, 599' right of centerline, 131' MSL.
Trees beginning 1965' from DER, 347' right of centerline, up to 136' MSL.
Trees beginning 2170' from DER, 335' right of centerline, up to 142' MSL.
Trees beginning 2246' from DER, 418' right of centerline, up to 149' MSL.
Trees beginning 2376' from DER, 907' right of centerline, up to 166' MSL.
Trees beginning 2528' from DER, 767' right of centerline, up to 188' MSL.
Rwy 22, fence, lighting, sign beginning 3' from DER, 5' left of centerline, up to 9' AGL/80' MSL.
Lighting 10' from DER, 5' right of centerline, 2' AGL/72' MSL.
Tree 307' from DER, 532' left of centerline, 126' MSL.
NAVAID, pole beginning 522' from DER, 518' right of centerline, up to 36' AGL/104' MSL.
Tower 1035' from DER, 702' right of centerline, 62' AGL/130' MSL

HOOPER BAY, AK

HOOPER BAY (HPB) (PAHP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12MAR09 (09071) (FAA)

DEPARTURE PROCEDURE:

Rwy 31, climb heading 316° to 800 before turning east.

TAKEOFF OBSTACLE NOTES:

Rwy 13, mobile crane 527' from DER, 144' right of centerline, 87' AGL/114' MSL.
Pole 453' from DER, 446' left of centerline, 6' AGL/33' MSL.
road 349' from DER, on centerline, 15' AGL/28' MSL,
light on wind indicator 590' from DER, 389' left of centerline, 7' AGL/34' MSL,
hanger 132' from DER, 361' left of centerline, 12' AGL/19' MSL.

HUSLIA, AK

HUSLIA (HLA) (PAHL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25SEP08 (08269) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 3, multiple trees beginning 115' from DER, 278' right of centerline, up to 20' AGL/261' MSL.
Multiple trees beginning 181' from DER, 20' left of centerline, up to 20' AGL/275' MSL.
Rwy 21, pole 1125' from DER, 795' right of centerline, 76' AGL/260' MSL.
Multiple trees and bushes beginning 169' from DER, 164' left of centerline, up to 20' AGL/284' MSL.
Multiple trees and bushes beginning 141' from DER, 204' right of centerline, up to 20' AGL/260' MSL.

IGIUGIG, AK

IGIUGIG (IGG) (PAIG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15JAN09 (09015) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, trees beginning 13' from DER, 154' right of centerline, up to 60' AGL/159' MSL.
Rwy 23, trees beginning 13' from DER, 153' left of centerline, up to 60' AGL/209' MSL.

ILIAMNA, AK

ILIAMNA (ILI) (PAIL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 13SEP18 (18256) (FAA)

TAKEOFF MINIMUMS:

Rwy 36, std. w/min. climb of 400' per NM to 2900, or 3000 - 3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 8, climb to 2100, then climbing right turn via 281° bearing to ILI NDB. Climb in ILI NDB/DME holding pattern (south, right turn, 006° inbound) to 4500 before proceeding enroute.

Rwy 18, climb to 2100, then climbing left turn via 331° bearing to ILI NDB. Climb in ILI NDB/DME holding pattern (south, right turn, 006° inbound) to 4500 before proceeding enroute.

Rwy 26, climb heading 243° to 2100, then climbing left turn via 044° bearing to ILI NDB. Climb in ILI NDB/DME holding pattern (south, right turn, 006° inbound) to 4500 before proceeding enroute.

Rwy 36, climb to 2900, then climbing left turn via 141° bearing to ILI NDB. Climb in ILI NDB/DME holding pattern (south, right turn, 006° inbound) to 4500 before proceeding enroute.

VCOA:

Cross Iliamna airport at or above 2900 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 8, WSK 1' from DER, 358' left of centerline, 16' AGL/160' MSL.
Tree 304' from DER, 363' left of centerline, 11' AGL/155' MSL
Rwy 18, trees beginning 59' from DER, 442' right of centerline, up to 30' AGL/199' MSL.
Rwy 26, trees beginning 76' from DER, 211' right of centerline, up to 30' AGL/262' MSL.
Trees beginning 208' from DER, 12' left of centerline, up to 30' AGL/263' MSL.
Rwy 36, trees beginning 85' from DER, 18' left of centerline, up to 30' AGL/239' MSL.
Trees beginning 757' from DER, 39' right of centerline, up to 30' AGL/238' MSL.
Bushes beginning 247' from DER, 281' left of centerline, up to 30' AGL/205' MSL.
Bush 434' from DER, 258' right of centerline, 11'AGL/194' MSL.
Vehicle on road 436' from DER, 407' left of centerline, up to 15' AGL/219' MSL.

INDIAN MOUNTAIN LRRS (PAIM)

UTOPIA CREEK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 30APR15 (15120)

Diverse departures not authorized.
CAUTION: Uncontrolled Airspace below 700' AGL within
4 NM of Indian Mountain airport.

TAKEOFF MINIMUMS:

Rwy 6, 3400-3 for climb in visual conditions.
Rwy 24, NA.

DEPARTURE PROCEDURE:

Rwy 6, obtain ATC approval for VCOA when requesting IFR clearance. climb in visual conditions to cross Indian Mountain LRRS at or above 4500' MSL.
Before proceeding on course. Remain within 3 NM of Indian mountains LRRS during climb in visual conditions.

TAKEOFF OBSTACLE NOTES:

Rwy 6, terrain, 888' from DER, 738' right of centerline, 1004' MSL.
Terrain, 634' from DER, 670' right of centerline, 1012' MSL.
Terrain, 885' from DER, 644' right of centerline, 994' MSL.
Terrain, 153' from DER, 509' right of centerline, 994' MSL.
Terrain, abeam the DER, 287' right of centerline, 962' MSL.

JUNEAU, AK

JUNEAU INTL (JNU) (PAJN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 22AUG13 (13234) (FAA)

DEPARTURE PROCEDURE:

Rwys 8, 26, Use JUNEAU DEPARTURE.

KAKE, AK

KAKE (AFE) (PAFE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 31JUL08 (08213) (FAA)

DEPARTURE PROCEDURE:

Use KAKE DEPARTURE.

KALSKAG, AK

KALSKAG (KLG) (PALG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 07JUL05 (05188) (FAA)

TAKEOFF MINIMUMS:

Rwy 6, NA-high terrain.

DEPARTURE PROCEDURE:

Rwy 24, climb via heading 243° to 1000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 24, numerous trees beginning 1000' from DER, on centerline, up to 100' AGL/154' MSL.
Numerous trees beginning 750' from DER, 500' right of centerline, up to 100' AGL/154' MSL.
Numerous trees beginning 960' left of centerline, up to 100' AGL/154' MSL.

KALTAG, AK

KALTAG (KAL) (PAKV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 05JAN17 (17005) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, std. w/min. climb of 460' per NM to 4000, or 3000-3 for VCOA.
Rwy 21, std. w/min. climb of 481' per NM to 4000, or 3000-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 3, climb heading 029° to 1100 before proceeding on course.
Rwy 21, climb heading 209° to 1100 before proceeding on course.

VCOA:

Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Kaltag airport at or above 3000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, trees beginning 786' from DER, crossing centerline, 221' MSL.
Vehicle on road 809' from DER, 349' right of centerline, 192' MSL.
Tower 1319' from DER, 529' right of centerline, 130' AGL/240' MSL.
Rwy 21, bush 81' from DER, 463' left of centerline, 196' MSL.
Trees beginning 628' from DER, 593' right of centerline, up to 277' MSL.
Trees beginning 1915' from DER, 449' left of centerline up to 288' MSL.
Trees beginning 2777' from DER, 329' left of centerline, up to 308' MSL.
Trees beginning 3732' from DER, 134' left of centerline, up to 308' MSL.
Tree 4872' from DER, 244' right of centerline, 304' MSL.

KASIGLUK, AK

KASIGLUK (Z09) (PFKA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22AUG13 (13234) (FAA)

DEPARTURE PROCEDURE:

Rwy 17, climb heading 174° to 800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 35, bush 13' from DER, 52' left of centerline, 6' AGL/31' MSL.

KENAI, AK

KENAI MUNI (ENA) (PAEN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 13SEP18 (18256) (FAA)

TAKEOFF MINIMUMS:

Rwys 2W, 20W, NA- Environmental.

DEPARTURE PROCEDURE:

Rwys 2L/R, climb on a heading between 304° clockwise to 196° from DER.
Rwys 20L/R, climb heading 196° to 1100, then climb on a heading between 226° counter clockwise to 016° from DER.

TAKEOFF OBSTACLE NOTES:

Rwy 2L, sign 20' from DER, 122' right of centerline, 4' AGL/100' MSL.
Windsock 523' from DER, 599' left of centerline, 20' AGL/120' MSL.
Rwy 2R, trees and catenary beginning 533' from DER, 262' right of centerline, up to 39' AGL/137' MSL.
Rwy 20L, trees beginning 900' from DER, 524' left of centerline, up to 50' AGL/141' MSL.
Control tower and antenna on control tower beginning 2060' from DER, 675' left of centerline, up to 79' AGL/174' MSL.
Tree 2998' from DER, 1050' left of centerline, 108' AGL/198' MSL.
Rwy 20R, vehicle on road 9' from DER, 497' right of centerline, 15' AGL/117' MSL.
Trees beginning 599' from DER, 354' right of centerline, up to 76' AGL/153' MSL.
DME antenna and trees beginning 821' from DER, 103' left of centerline, up to 34' AGL/119' MSL.

KETCHIKAN, AK

KETCHIKAN INTL (KTN) (PAKT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9 19JUL18 (18200) (FAA)

DEPARTURE PROCEDURE:

Rwy 11, use KETCHIKAN DEPARTURE.

Rwy 29, use SKOWL DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 11, electrical system 5' from DER, 55' left of centerline, 1' AGL/90' MSL.
Electrical system 5' from DER, 54' right of centerline, 1' AGL/90' MSL.
Tree 107' from DER, 514' left of centerline, 93' MSL.
Tree 190' from DER, 508' left of centerline, 76' AGL/95' MSL.
Tree 483' from DER, 572' right of centerline, 126' MSL.
Tree 966' from DER, 692' right of centerline, 128' MSL.
Tree 1072' from DER, 693' right of centerline, 144' MSL.
Trees beginning 1195' from DER, 659' right of centerline, up to 154' MSL.
Tree 2469' from DER, 1001' right of centerline, 164' MSL.
Tree 2567' from DER, 1060' right of centerline, 168' MSL.
Trees beginning 2768' from DER, 1014' right of centerline, up to 173' MSL.
Rwy 29, trees beginning 428' from DER, 549' left of centerline, up to 121' MSL.
Trees beginning 671' from DER, 572' left of centerline, up to 135' MSL.
Tree 2370' from DER, 1093' left of centerline, 147' MSL.
Tree 2728' from DER, 989' left of centerline, 154' MSL.
Trees beginning 2787' from DER, 1089' left of centerline, up to 164' MSL.
Tree 3059' from DER, 1264' left of centerline, 188' MSL.
Trees beginning 3195' from DER, 971' left of centerline, up to 194' MSL.
Trees beginning 3558' from DER, 1125' left of centerline, up to 220' MSL.
Trees beginning 3658' from DER, 1243' left of centerline, up to 234' MSL.
Trees beginning 3754' from DER, 840' left of centerline, up to 238' MSL.
Trees beginning 5550' from DER, 1591' left of centerline, up to 250' MSL.
Tree 6050' from DER, 1934' left of centerline, 252' MSL.
Trees beginning 6070' from DER, 1883' left of centerline, up to 284' MSL.
Tree 1.9 NM from DER, 3275' left of centerline, 390' MSL.
Tree 2 NM from DER, 3284' left of centerline, 415' MSL.
Tree 2 NM from DER, 3381' left of centerline, 462' MSL.
Tree 2.2 NM from DER, 4085' left of centerline, 100' AGL/576' MSL.
Trees beginning 2.2 NM from DER, 2371' left of centerline, up to 607' MSL.
Trees beginning 2.3 NM from DER, 3644' left of centerline, up to 100' AGL/622' MSL.
Trees beginning 2.3 NM from DER, 2461' left of centerline, up to 640' MSL.
Trees beginning 2.3 NM from DER, 2432' left of centerline, up to 647' MSL.
Tree 2.3 NM from DER, 4153' left of centerline, 100' AGL/658' MSL.
Trees beginning 2.3 NM from DER, 2171' left of centerline, up to 783' MSL.
Trees beginning 2.4 NM from DER, 2456' left of centerline, up to 866' MSL.

KIANA, AK

BOB BAKER MEMORIAL (IAN) (PAIK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 02JUL09 (09183) (FAA)

TAKEOFF MINIMUMS:

Rwy 24, NA-Terrain.

DEPARTURE PROCEDURE:

Rwy 6, Use SELAWIK DEPARTURE.

KING COVE, AK

KING COVE (KVC) (PAVC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 02JUL09 (09183) (FAA)

TAKEOFF MINIMUMS:

Rwy 25, NA-Terrain.

DEPARTURE PROCEDURE:

Rwy 7, Use Cold Bay RNAV departure.

KING SALMON, AK

KING SALMON (AKN) (PAKN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 25SEP08 (08269) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 12, trees beginning 549' from DER, 353' left of centerline, up to 30' AGL/108' MSL.
Rwy 36, trees beginning 750' from DER, 265' left of centerline, up to 30' AGL/93' MSL.
Bush and trees beginning 59' from DER, 180' right of centerline, up to 30' AGL/87' MSL.

KIPNUK, AK

KIPNUK (IIK) (PAKI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 01FEB18 (18032) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 17, rwy light beginning 9' from DER, 40' right of centerline, up to 2' AGL/20' MSL.
Rwy light beginning 9' from DER, 51' left of centerline, up to 3' AGL/20' MSL.
Rwy light 10' from DER, 40' left of centerline, 3' AGL/21' MSL.
Rwy 35, segmented circle marker, rwy light beginning 0' from DER, 40' left of centerline, up to 6' AGL/20' MSL.
Rwy light beginning 9' from DER, 40' right of centerline, up to 2' AGL/20' MSL.

KIVALINA, AK

KIVALINA (KVL) (PAVL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 15OCT15 (15288) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 12, windsock 143' from DER, 267' left of centerline, 22' AGL/30' MSL.
Tower 3544' from DER, 150' left of centerline, 100' AGL/115' MSL.
Rwy 30, bush 2' from DER, 82' left of centerline, 2' AGL/18' MSL.
Bush 16' from DER, 85' left of centerline, 2' AGL/18' MSL.

KLAWOCK, AK

KLAWOCK (AKW) (PAKW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 05DEC19 (19339) (FAA)

TAKEOFF MINIMUMS:

Rwy 2, NA - Obstacles

DEPARTURE PROCEDURE:

Rwy 20, use KLAWOCK DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 20, trees 5964' from DER, 1369' left of centerline, up to 158' AGL/357' MSL.

KOBUK, AK

KOBUK (OBU) (PAOB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20DEC07 (07354) (FAA)

TAKEOFF MINIMUMS:

Rwy 27, 300-1 or std. w/ a min. climb of 661' per NM to 400.

DEPARTURE PROCEDURE:

Rwy 9, climbing right turn via heading 220° and AMF NDB 283° course to AMF NDB before proceeding on course.
Rwy 27, climb via heading 267° and AMF NDB 283° course to AMF NDB before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 9, multiple trees beginning 169' from DER, 36' right of centerline, up to 50' AGL/199' MSL.
Multiple trees beginning 231' from DER, 385' left of centerline, up to 50' AGL/199' MSL.
Rwy 27, multiple trees beginning 79' from DER, 220' left of centerline, up to 50' AGL/182' MSL.
Multiple trees beginning 17' from DER, 299' right of centerline, up to 50' AGL/249' MSL.

KODIAK, AK

KODIAK (ADQ) (PADQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 15OCT15 (15288) (FAA)

TAKEOFF MINIMUMS:

Rwy 26, NA-terrain.

DEPARTURE PROCEDURE:

Rwys 1, 8, 11, 19, 29, use KODIAK DEPARTURE.

KOKHANOK, AK

KOKHANOK (9K2) (PFKK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 19JUL18 (18200) (FAA)

TAKEOFF MINIMUMS:

Rwy 7, 400-1¾.

DEPARTURE PROCEDURE:

Rwy 7, climbing left turn direct ILI NDB/DME, continue climb in ILI NDB/DME holding pattern (hold south, right turns, 006° inbound) to cross ILI NDB/DME at or above mea for route of flight.

Rwy 25, climbing right turn direct ILI NDB/DME, continue climb in ILI NDB/DME holding pattern (hold south, right turns, 006° inbound) to cross ILI NDB/DME at or above MEA for route of flight.

TAKEOFF OBSTACLE NOTES:

Rwy 7, tree 13' from DER, 160' right of centerline, 80' AGL/215' MSL.
Trees beginning 542' from DER, 464' right of centerline, up to 80' AGL/230' MSL.
Tree 1694' from DER, 111' left of centerline, 80' AGL/230' MSL.
Trees beginning 1844' from DER, 545' right of centerline, up to 80' AGL/280' MSL.
Tree 3579' from DER, 889' right of centerline, 80' AGL/290' MSL.
Trees beginning 4350' from DER, 651' right of centerline, up to 80' AGL/303' MSL.
Tree 1.3 NM from DER, 2012' right of centerline, 80' AGL/434' MSL.
Rwy 25, trees beginning 12' from DER, 127' right of centerline, up to 80' AGL/180' MSL.
Tree 113' from DER, 346' left of centerline, 80' AGL/188' MSL.
Trees beginning 1792' from DER, 268' left of centerline, up to 80' AGL/205' MSL.

KOLIGANEK, AK

KOLIGANEK (JZZ) (PAJZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 20AUG15 (15232) (FAA)

DEPARTURE PROCEDURE:

Rwy 9, climb heading 093° to 900 before turning North.
Rwy 27, climb heading 273° to 1500 before turning North.

TAKEOFF OBSTACLE NOTES:

Rwy 9, multiple bushes beginning 50' from DER, 15' right of centerline, up to 15' AGL/327' MSL.
Multiple bushes beginning 180' from DER, 69' left of centerline, up to 15' AGL/340' MSL.
Rwy 27, multiple bushes beginning 76' from DER, 146' left and right of centerline, up to 15' AGL/271' MSL.
Power pole 845' from DER, 716' right of centerline, 50' AGL/267' MSL.

KOTLIK, AK

KOTLIK (2A9) (PFKO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT1 10NOV16 (16315) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 02, tree abeam DER, 182' right of centerline, 6' AGL/16' MSL.
Vehicle on road 3' from DER, 183' left of centerline, 23' MSL.
Tree 58' from DER, 111' right of centerline, 8' AGL/18' MSL.
Pole 84' from DER, 76' left of centerline, 26' AGL/37' MSL.
Tree 137' from DER, 233' right of centerline, 16' AGL/21' MSL.
Tree 171' from DER, 154' right of centerline, 13' AGL/23' MSL.
Tree 324' from DER, 181' right of centerline, 15' AGL/24' MSL.
Tree 606' from DER, 221' right of centerline, 24' AGL/30' MSL.
Rwy 20, bush 8' from DER, 105' left of centerline, 5' AGL/14' MSL.
Tree 24' from DER, 132' right of centerline, 10' AGL/16' MSL.

KOTZEBUE, AK

RALPH WIEN MEMORIAL (OTZ) (PAOT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 07DEC17 (17341) (FAA)

TAKEOFF MINIMUMS:

Rwy 18, 300 - 1¼ or std. w/ min. climb of 285' per NM to 300.

TAKEOFF OBSTACLE NOTES:

Rwy 9, terrain, traverse way beginning 400' from DER, 150' right of centerline, up to 39' MSL.
Terrain, traverse way beginning 487' from DER, 113' right of centerline, up to 43' MSL.
Traverse way, terrain beginning 555' from DER, 18' left of centerline, up to 37' MSL.
Traverse way, terrain beginning 570' from DER, 199' right of centerline, up to 50' MSL.
Terrain beginning 586' from DER, 155' right of centerline, up to 55' MSL.
Traverse way, terrain beginning 600' from DER, 27' left of centerline, up to 49' MSL.
Terrain 745' from DER, 201' left of centerline, 50' MSL.
Traverse way 757' from DER, 199' left of centerline, 60' MSL.
Traverse way, terrain beginning 775' from DER, 75' left of centerline, up to 61' MSL.
Terrain, traverse way beginning 777' from DER, 3' right of centerline, up to 61' MSL.
Traverse way, terrain beginning 845' from DER, 29' right of centerline, up to 62' MSL.
Terrain beginning 969' from DER, 29' right of centerline, up to 67' MSL.
Terrain 1000' from DER, 505' left of centerline, 64' MSL.
Terrain beginning 1000' from DER, 280' left of centerline, up to 72' MSL.
Terrain beginning 1151' from DER, 194' left of centerline, up to 80' MSL.
Terrain, traverse way beginning 1183' from DER, 128' right of centerline, up to 106' MSL.
Terrain beginning 1396' from DER, 33' left of centerline, up to 83' MSL.
Terrain beginning 1400' from DER, 2' right of centerline, up to 120' MSL.
Terrain beginning 1539' from DER, 597' right of centerline, up to 124' MSL.
Terrain beginning 1554' from DER, 321' left of centerline, up to 89' MSL.
Tree, terrain beginning 1582' from DER, 0' of centerline, up to 9' AGL/131' MSL.
Terrain beginning 1638' from DER, 195' left of centerline, up to 90' MSL.
Terrain beginning 1800' from DER, 201' left of centerline, up to 100' MSL.
Tree, terrain beginning 1896' from DER, 39' right of centerline, up to 9' AGL/137' MSL.
Terrain beginning 1928' from DER, 9' left of centerline, up to 107' MSL.
Terrain 3548' from DER, 316' left of centerline, 109' MSL.
Terrain 3599' from DER, 820' left of centerline, 111' MSL.
Terrain 3599' from DER, 398' left of centerline, 114' MSL.
Terrain beginning 3600' from DER, 336' left of centerline, up to 117' MSL.
Terrain beginning 3636' from DER, 183' left of centerline, up to 120' MSL.
Terrain beginning 3799' from DER, 385' left of centerline, up to 124' MSL.
Tower 3948' from DER, 698' left of centerline, 27' AGL/147' MSL.
NAVAID, terrain beginning 3949' from DER, 519' left of centerline, up to 32' AGL/152' MSL.
Rwy 18, terrain, lighting beginning 3' from DER, 64' right of centerline, up to 15' MSL.
Lighting 9' from DER, 61' left of centerline, 2' AGL/12' MSL.
Traverse way, terrain, tree beginning 13' from DER, 143' right of centerline, up to 25' MSL.
Traverse way beginning 47' from DER, 196' left of centerline, up to 20' MSL.
Traverse way beginning 399' from DER, 179' right of centerline, up to 26' MSL.
Antenna 5815' from DER, 1697' left of centerline, 81' AGL/190' MSL.
Tower 5818' from DER, 1690' left of centerline, 107' AGL/218' MSL.
Rwy 27, traverse way beginning 5' from DER, 179' right of centerline, up to 25' MSL.
Traverse way beginning 36' from DER, 82' left of centerline, up to 25' MSL.
Rwy 36, lighting 8' from DER, 34' right of centerline, 1' AGL/13' MSL.
Lighting 9' from DER, 27' left of centerline, 1' AGL/13' MSL.
Pole, sign beginning 10' from DER, 66' left of centerline, up to 2' AGL/14' MSL.
Traverse way, vertical point beginning 12' from DER, 21' right of centerline, up to 20' MSL.
Traverse way beginning 172' from DER, 143' right of centerline, up to 21' MSL.
Vertical structure, traverse way beginning 312' from DER, 62' right of centerline, up to 31' AGL/40' MSL.
Tower, building, dome, antenna beginning 378' from DER, 394' left of centerline, up to 66' AGL/76' MSL.
NAVAID 1341' from DER, 612' right of centerline, 38' AGL/47' MSL.

KOYUK, AK

KOYUK ALFRED ADAMS (KKA) (PAKK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 05NOV20 (20310) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, NA - Obstacles.

DEPARTURE PROCEDURE:

Rwy 19, climb on heading 193° to 800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 19, tree 11' from DER, 377' right of centerline, 23' AGL/197' MSL.
Trees, vegetation, pole, buildings, lighting beginning 47' from DER, 327' right of centerline, up to 34' AGL/211' MSL.

KOYUKUK, AK

KOYUKUK (KYU) (PFKU)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 22OCT09 (09295) (FAA)
DEPARTURE PROCEDURE:
Use DIBVY DEPARTURE.

KWETHLUK, AK

KWETHLUK (KWT) (PFKW)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 15JAN09 (09015) (FAA)
TAKEOFF MINIMUMS:
Rwy 18, 400-2 or std. w/ min. climb of 240' per NM to 500.
TAKEOFF OBSTACLE NOTES:
Rwy 18, trees beginning 292' from DER, 373' right of centerline, up to 35' AGL/63' MSL.
Trees beginning 341' from DER, 399' left of centerline, up to 35' AGL/134' MSL.
Rwy 36, trees beginning 95' from DER, 491' left of centerline, up to 35' AGL/84' MSL.
Trees beginning 203' from DER, 396' right of centerline, up to 18' AGL/42' MSL.

LADD AAF (PAFB)

FAIRBANKS/FORT WAINWRIGHT, AK
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1C 13SEP18 (18256)
DEPARTURE PROCEDURE:
Rwy 7, climbing right turn via heading 180° and FAI VORTAC R-090 to 5000 direct FAI (hold S, right turn, 348° inbound) continue climb in hold to 5000, before proceeding on course.
Rwy 25, climbing left turn via heading 180° and FAI VORTAC R-090 to 5000 direct FAI (hold S, right turn, 348° inbound) continue climb in hold to 5000, before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 7, public road 387' east of DER, up to 15' AGL/460' MSL.
Rwy 25, public road 349' west of DER, up to 15' AGL/460' MSL.
Railroad tracks 556' west of DER, up to 23' AGL/461' MSL.
Trees 556' west of DER, up to 25' AGL/460' MSL.

MANLEY HOT SPRINGS, AK

MANLEY HOT SPRINGS (MLY) (PAML)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 19JUL18 (18200) (FAA)
TAKEOFF MINIMUMS:
Rwy 36, NA-Obstacles
DEPARTURE PROCEDURE:
Rwy 18, climb on a heading between 050° CW 220° from DER.
TAKEOFF OBSTACLE NOTES:
Rwy 18, trees beginning 286' from DER, 562' right of centerline, up to 68' AGL/334' MSL.
Tree 356' from DER, 592' left of centerline, 67' AGL/334' MSL.
Trees beginning 439' from DER, 586' left of centerline, up to 74' AGL/342' MSL.
Trees beginning 678' from DER, 585' right of centerline, up to 70' AGL/336' MSL.
Trees beginning 1087' from DER, 64' left of centerline, up to 86' AGL/355' MSL.
Tree 1923' from DER, 597' right of centerline, 70' AGL/337' MSL.
Trees beginning 1933' from DER, 129' right of centerline, up to 77' AGL/346' MSL.
Trees beginning 2435' from DER, 743' left of centerline, up to 92' AGL/360' MSL.
Trees beginning 2583' from DER, 553' left of centerline, up to 93' AGL/361' MSL.
Trees beginning 2621' from DER, 21' left of centerline, up to 93' AGL/362' MSL.
Tree 2666' from DER, 1053' right of centerline, 80' AGL/348' MSL.
Trees beginning 2860' from DER, 117' right of centerline, up to 85' AGL/353' MSL.
Trees beginning 2901' from DER, 278' left of centerline, up to 96' AGL/365' MSL.
Tree 2989' from DER, 731' left of centerline, 99' AGL/366' MSL.
Trees beginning 2992' from DER, 328' left of centerline, up to 98' AGL/367' MSL.
Tree 3008' from DER, 38' right of centerline, 88' AGL/356' MSL.
Trees beginning 3328' from DER, 7' left of centerline, up to 100' AGL/368' MSL.
Tree 3383' from DER, 15' right of centerline, 95' AGL/363' MSL.
Tree 3523' from DER, 376' right of centerline, 97' AGL/365' MSL.
Tree 3571' from DER, 232' left of centerline, 103' AGL/371' MSL.
Tree 3573' from DER, 497' right of centerline, 97' AGL/366' MSL.
Tree 3836' from DER, 41' right of centerline, 105' AGL/373' MSL.

MANOKOTAK, AK

MANOKOTAK (MBA) (PAMB)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 27AUG09 (09239) (FAA)
DEPARTURE PROCEDURE:
Rwy 3, climbing right turn to 2000 direct DLG VOR/DME, continue climb in DLG VOR/DME holding pattern (hold South, right turn, 011° inbound) to cross DLG VOR/DME at or above MEA for route of flight.
Rwy 21, climbing left turn to 2000 direct DLG VOR/DME, continue climb in DLG VOR/DME holding pattern (hold South, right turn, 011° inbound) to cross DLG VOR/DME at or above MEA for route of flight.
TAKEOFF OBSTACLE NOTES:
Rwy 3, trees beginning 1519' from DER, 899' right of centerline, up to 35' AGL/134' MSL.
Trees beginning 595' from DER, 150' left of centerline, up to 35' AGL/134' MSL.
Rising terrain 42' from DER, 136' right of centerline up to 105' MSL.
Rising terrain 12' from DER, 301' left of centerline up to 102' MSL.
Rwy 21, multiple trees beginning 136' from DER, 133' right of centerline, up to 35' AGL/109' MSL.
Multiple buildings beginning 359' from DER, 343' left of centerline, up to 30' AGL/96' MSL.

MARSHALL, AK

MARSHALL DON HUNTER SR (MDM) (PADM)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 29JUL10 (10210) (FAA)
DEPARTURE PROCEDURE:
use BIBNE RNAV DEPARTURE.

MCGRATH, AK

MC GRATH (MCG) (PAMC)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2B 24JUL14 (14205) (FAA)
TAKEOFF MINIMUMS:
Rwys 5, 23, NA-Environmental.
Rwy 16, std. w/ min. climb of 470' per NM to 1700, or
2300-3 for climb in visual conditions.
Rwy 34, std. w/ min. climb of 420' per NM to 2200, or 2300-3 for climb in visual conditions.
DEPARTURE PROCEDURE:
Rwy 16, climb via heading 160° to 1700, then climbing left turn via heading 014° thence...
or for climb in visual conditions: cross Mc Grath Airport at or above 2200, thence...
Rwy 34, climb via heading 340° to 2200, then climbing right turn heading 166° to MCG R-104 or direct VTR NDB thence...
or for climb in visual conditions: cross Mc Grath Airport at or above 2200, thence...
... climb to 4000 southeast bound via MCG R-104, or 100° bearing from VTR NDB. Aircraft southeast bound (079° clockwise 119°) continue climb on course to MEA for route of flight. All others reverse course via the MCG R-104 to MCG VORTAC, or 280° course to VTR NDB, then continue climb on course to MEA for route of flight.
TAKEOFF OBSTACLE NOTES:
Rwy 16, trees beginning 2.2 NM from DER, 2392' left of centerline, up to 80' AGL/1346' MSL.

MEKORYUK, AK

MEKORYUK (MYU) (PAMY)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 23NOV06 (06327) (FAA)
DEPARTURE PROCEDURE:
Rwy 23, climb heading 234° to 900 before turning left.
TAKEOFF OBSTACLE NOTES:
Rwy 5, tree 1028' from DER, 745' left of centerline, 15' AGL/114' MSL,
Tree 1619' from DER, 862' left of centerline, 15' AGL/114' MSL,
Road 41' from DER, 302' left of centerline, 15' AGL/50' MSL.
Rwy 23, tree 75' from DER, 200' left of centerline, 15' AGL/64' MSL,
Tree 62' from DER, on centerline, 15' AGL/64' MSL
Tree 482' from DER, 157' right of centerline, 15' AGL/114' MSL.

MIDDLETON ISLAND, AK

MIDDLETON ISLAND (MDO) (PAMD)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 10JAN13 (13010) (FAA)
TAKEOFF MINIMUMS:
Rwys 13, 31, NA-Environmental.
TAKEOFF OBSTACLE NOTES:
Rwy 2, aircraft on taxiway, 5' from DER, 195' left of centerline, up to 20' AGL/119' MSL.
Vehicle on taxiway, 131' from DER, 193' left of centerline, up to 15' AGL/114' MSL.
Rwy 20, vehicles on road beginning 3' from DER, 124' right of centerline, up to 15' AGL/164' MSL.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

MINCHUMINA, AK

MINCHUMINA (MHM) (PAMH)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2A 31MAR16 (16091) (FAA)

TAKEOFF MINIMUMS:
Rwy 3, 1600-3 for climb in visual conditions. Procedure NA at night

DEPARTURE PROCEDURE:
Rwy 3, for climb in visual conditions: Cross MHM NDB north bound at or above 1600 MSL before proceeding on course.
Rwy 21, climb via heading 204° to 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 3, light 10' from DER, 30' right of centerline, 2' AGL/681' MSL.
Trees and bush, beginning 27' from DER, 99' left of centerline, up to 689' MSL.
Tree, 122' from DER, 339' left of centerline, 736' MSL.
Trees, beginning 123' from DER, 184' right of centerline, up to 685' MSL.
Trees and terrain beginning 144' from DER, 209' left of centerline, up to 764' MSL.
Rwy 21, tree and light beginning 3' from DER, 30' left of centerline, up to 713' MSL.
Light, trees and bush beginning 10' from DER, 50' right of centerline, up to 716' MSL.
Pole 108' from DER, 298' left of centerline, 679' MSL.
Trees beginning 342' from DER, 440' right of centerline, up to 719' MSL.
Trees beginning 399' from DER, 300' right of centerline, up to 742' MSL.

MOUNTAIN VILLAGE, AK

MOUNTAIN VILLAGE (MOU) (PAMO)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 30JAN20 (20030) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 2, lighting 9' from DER, 47' right of centerline, 341' MSL.
Lighting 9' from DER, 47' left of centerline, 340' MSL.
Rwy 20, lighting 9' from DER, 47' left of centerline, 299' MSL.
Lighting 10' from DER, 47' right of centerline, 299' MSL.

NAPAKIAK, AK

NAPAKIAK (WNA) (PANA)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 17OCT13 (13290) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 16, numerous trees beginning 47' from DER, 161' right of centerline, up to 13' AGL/30' MSL.
Tree 465' from DER, 22' left of centerline, 16' AGL/33' MSL.
Rwy 34, numerous poles beginning 299' from DER, 287' left of centerline, up to 29' AGL/46' MSL.
Numerous poles beginning 177' right of centerline, 273' right of centerline, up to 26' AGL/43' MSL.
Rod on tower 359' from DER, 430' left of centerline, 30' AGL/47' MSL.
Antenna 357' from DER, 408' right of centerline, 29' AGL/46' MSL.
Catenary 215' from DER, 352' right of centerline, 19' AGL/36' MSL.
Tree 206' from DER, 297' left of centerline, 15' AGL/32' MSL.
Multiple buildings beginning 639' from DER, 414' left of centerline, up to 26' AGL/43' MSL.
Tree 520' from DER, 437' right of centerline, 13' AGL/30' MSL.

NAPASKIAK, AK

NAPASKIAK (PKA) (PAPK)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 05MAR15 (15064) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 2, boats 25' from DER, 468' left of centerline, up to 50' AGL/50' MSL.
Trees 33' from DER, 141' left of centerline, up to 50' AGL/74' MSL.
Trees beginning 527' from DER, left and right of centerline, up to 50' AGL/74' MSL.
Trees 917' from DER, beginning 29' left of centerline, up to 50' AGL/74' MSL.
Rwy 20, trees beginning 32' from DER, left and right of centerline, up to 50' AGL/74' MSL.
Boats 620' from DER, 618' right of centerline, up to 50' AGL/50' MSL.
Trees beginning 1100' from DER, left and right of centerline, up to 50' AGL/74' MSL.

NELSON LAGOON, AK

NELSON LAGOON (OUL) (PAOU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 05DEC19 (19339) (FAA)

DEPARTURE PROCEDURE:

Use BINAL TWO DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 8, trees beginning 77' from DER, 210' left of centerline, up to 20' AGL/43' MSL.
Trees beginning 142' from DER, 56' right of centerline, up to 20' AGL/30' MSL.
Rwy 26, trees beginning 21' from DER, 10' right of centerline, up to 20' AGL/40' MSL.
Trees 265' from DER, 559' left of centerline, 20' AGL/34' MSL.
Trees beginning 296' from DER, 25' left of centerline, up to 20' AGL/40' MSL.

NENANA, AK

NENANA MUNI (ENN) (PANN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 22OCT09 (09295) (FAA)

TAKEOFF MINIMUMS:

Rwy 4L, 600-2½ or std. with a min. climb of 325' per NM to 1100.
Rwys 4R,4W, 22L, 22W, NA-ATC.

DEPARTURE PROCEDURE:

Rwy 4L, climbing right turn via heading 127° to 1900 then climbing right turn direct ENN VORTAC, thence...
Rwy 22R, climb via heading 218° to 1800 then climbing left turn direct ENN VORTAC, thence...
...continue climb in ENN VORTAC holding pattern (Southwest, left turn, 042° inbound) to MEA for route of flight before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4L, trees beginning 1.9 NM from DER, 3209' left of centerline, up to 60' AGL/859' MSL.

NEW STUYAHOK, AK

NEW STUYAHOK (KNW) (PANW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 05JAN17 (17005) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 14, lt pole 9' from DER, 47' right of centerline, 5' AGL/329' MSL.
Trees beginning 388' from DER, 299' right of centerline, up to 25' AGL/343' MSL.
Rwy 14, REIL 41' from DER, 84' right of centerline, 372' MSL.
Tank 177' from DER, 423' right of centerline, 11' AGL/381' MSL.
Tree 204' from DER, 467' left of centerline, 376' MSL.
Tree 293' from DER, 533' left of centerline, 383' MSL.
Trees beginning 478' from DER, 494' left of centerline, up to 390' MSL.
Trees beginning 558' from DER, 350' right of centerline, up to 389' MSL.

NIKOLAI, AK

NIKOLAI (FSP) (PAFS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 19JUL18 (18200) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, lighting 0' from DER, 80' right of centerline, 5' AGL/451' MSL.
Trees beginning 80' from DER, 317' left of centerline, up to 20' AGL/476' MSL.
Vegetation 102' from DER, 89' right of centerline, 452' MSL.
Trees beginning 103' from DER, 498' right of centerline, up to 472' MSL.
Tree, vehicles on road beginning 146' from DER, 76' left of centerline, up to 506' MSL.
Tree 284' from DER, 498' left of centerline, 67' AGL/535' MSL.
Tree, building beginning 303' from DER, 144' left of centerline, up to 77' AGL/547' MSL.
Trees beginning 432' from DER, 265' right of centerline, up to 480' MSL.
Tree 650' from DER, 639' right of centerline, 488' MSL.
Trees beginning 716' from DER, 421' right of centerline, up to 496' MSL.
Tree 937' from DER, 675' right of centerline, 497' MSL.
Trees beginning 972' from DER, 7' right of centerline, up to 74' AGL/528' MSL.
Rwy 23, vegetation 0' from DER, 134' left of centerline, 446' MSL.
Trees beginning 6' from DER, 124' right of centerline, up to 458' MSL.
Trees beginning 48' from DER, 143' right of centerline, up to 484' MSL.
Vegetation 89' from DER, 272' left of centerline, 448' MSL.
Vegetation 100' from DER, 93' left of centerline, 449' MSL.
Vehicle on road 444' from DER, 550' left of centerline, 457' MSL.
Tree 648' from DER, 506' left of centerline, 473' MSL.
Trees beginning 662' from DER, 310' left of centerline, up to 484' MSL.
Trees beginning 698' from DER, 261' right of centerline, up to 494' MSL.
Trees beginning 880' from DER, 104' left of centerline, up to 487' MSL.
Trees beginning 1362' from DER, 67' left of centerline, up to 496' MSL.
Tree 1547' from DER, 633' left of centerline, 498' MSL.
Tree 1638' from DER, 890' right of centerline, 501' MSL.
Tree 1747' from DER, 892' right of centerline, 503' MSL.

NOATAK, AK

NOATAK (WTK) (PAWN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08NOV18 (18312) (FAA)

DEPARTURE PROCEDURE:

Rwy 1, climb heading 011° to 1900' before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, traverse way 52' from DER, 460' right of centerline, 15' AGL/97' MSL.
Building 100' from DER, 271' left of centerline, 26' AGL/115' MSL.
Lighting, traverse way, pole beginning 105' from DER, 320' left of centerline, up to 26' AGL/118' MSL.
Pole, traverse way, wind indicator beginning 129' from DER, 311' right of centerline, up to 36' AGL/118' MSL.
Antenna 1306' from DER, 224' left of centerline, 44' AGL/129' MSL.
Building 1446' from DER, 375' right of centerline, 40' AGL/128' MSL.
Tower, antenna beginning 1959' from DER, 249' left of centerline, up to 100' AGL/187' MSL.
Rwy 19, trees beginning 144' from DER, 240' left of centerline, up to 101' MSL.
Tree 167' from DER, 353' right of centerline, 92' MSL.
Trees beginning 283' from DER, 245' left of centerline, up to 102' MSL.
Tree 746' from DER, 649' left of centerline, 104' MSL.

NOME, AK

NOME (OME) (PAOM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 13NOV14 (14317) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, std. w/min. climb of 480' per NM to 1800, or 1600-2½ for VCOA.

DEPARTURE PROCEDURE:

Rwy 3, climbing right turn to OME VOR/DME, thence …
Rwy 10, climb on heading 099° to 1200 thence …
Rwys 21, 28, turn left direct OME VOR/DME/FDV NDB, thence …
... Departures northeast CW through westbound (040° CW 260°), climb on course. Departures west CW through northeast bound (260° CW 040°), climb southeast bound on OME VOR/DME R-144 or 148° bearing from FDV NDB to 2200, then turn right via direct OME VOR/DME/FDV NDB. Continue climb on course.

VCOA:

Rwy 3, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Nome Airport at or above 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, pole 1058' from DER, 236' right of centerline, 37' AGL/88' MSL.
Secondary road beginning 27' from DER, 19' right of centerline up to 15' AGL/69' MSL.
Trees beginning 249' from DER, 2' right of centerline, up to 15' AGL/61' MSL.
Poles beginning 1519' from DER, 310' left of centerline, up to 43' AGL/101' MSL.
Secondary road beginning 23' from DER, 17' left of centerline, up to 15' AGL/78' MSL.
Bushes beginning 17' from DER, 118' left of centerline, up to 2' AGL/50' MSL.
Trees beginning 339' from DER, 6' left of centerline, up to 10' AGL/62' MSL.
Rwy 10, chimney/stacks beginning 752' from DER, 503' right of centerline, up to 64' AGL/76' MSL.
Pole 748' from DER, 608' right of centerline, 38' AGL/59' MSL.
Pole 423' from DER, 471' right of centerline, 20' AGL/48' MSL.
Pole 777' from DER, 610' right of centerline, 35' AGL/56' MSL.
Antenna on pole 674' from DER, 521' right of centerline, 39' AGL/52' MSL.
Pole 792' from DER, 502' right of centerline, 40' AGL/53' MSL.
Pole 867' from DER, 666' right of centerline, 43' AGL/55' MSL.
Antenna on pole 676' from DER, 572' right of centerline, 34' AGL/46' MSL.
Pole 956' from DER, 735' right of centerline, 39' AGL/51' MSL.
Pole 784' from DER, 603' right of centerline, 30' AGL/43' MSL.
Building 764' from DER, 589' right of centerline, 28' AGL/54' MSL.
Road beginning 199' from DER, 493' right of centerline, 15' AGL/30' MSL.
Tower 3753' from DER 1355' right of centerline, 90' AGL/120' MSL.
Pole 1707' from DER, 923' left of centerline, 41' AGL/93' MSL.
Pole 1874' from DER, 611' left of centerline, 36' AGL/86' MSL.
Pole 1731' from DER, 594' left of centerline, 24' AGL/71' MSL.
Building 1051' from DER, 742' left of centerline, 18' AGL/63' MSL.
Rwy 21, trees beginning 377' from DER, 48' right of centerline, up to 11' AGL/46' MSL.
Bushes beginning 187' from DER, 174' right of centerline, up to 3' AGL/45' MSL.
Secondary road beginning 559' from DER, 140' right of centerline, up to 15' AGL/47' MSL.
Ground 188' from DER, 396' right of centerline, 19' MSL.
Bushes beginning 595' from DER, 152' left of centerline, 13' AGL/48' MSL.
Trees beginning 585' from DER, 2' left of centerline, up to 9' AGL/40' MSL.
Secondary road beginning 540' from DER, 47' left of centerline, up to 15' AGL/43' MSL.
Poles beginning 1547' from DER, 89' left of centerline, up to 32' AGL/62' MSL.
Ground 597' from DER, 397' left of centerline, 29' MSL.
Rwy 28, Obstruction light on localizer 1303' from DER, 42' right of centerline, 15' AGL/51' MSL.
Navaid 15' from DER, 152' right of centerline, 4' AGL/17' MSL.
Pole 122' from DER, 521' left of centerline, 45' AGL/72' MSL.
Pole 121' from DER, 399' left of centerline, 15' AGL/42' MSL.
CON'T

NOME, AK (CON'T)

NOME (OME) (PAOM) (CON'T)

Rwy 28 (CON'T), debris 415' from DER, 377' left of centerline, up to 9' AGL/50' MSL.
Secondary road beginning 181' from DER, 259' left of centerline, up to 15' AGL/48' MSL.
Ground beginning 168' from DER, 262' left of centerline, up to 63' MSL.
Buildings beginning 398' from DER, 203' left of centerline, up to 32' AGL/57' MSL.
Trees beginning 90' from DER, 361' left of centerline, up to 10' AGL/21' MSL.
Trees beginning 919' from DER, 357' left of centerline, 9' AGL/62' MSL.
Fence beginning 396' from DER, 245' left of centerline, up to 7' AGL/30' MSL.
Antenna on DME LTD 1314' from DER, 213' left of centerline, 28' AGL/63' MSL.
Sign 390' from DER, 246' left of centerline, 2' AGL/29' MSL.
NAVAID 15' from DER, 152' left of centerline, 4' AGL/17' MSL.

NONDALTON, AK

NONDALTON (5NN) (PANO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 16FEB06 (06047) (FAA)

TAKEOFF MINIMUMS:

Rwy 2, NA-obstacles.

DEPARTURE PROCEDURE:

Rwy 20, Use ILIAMNA DEPARTURE.

NOORVIK, AK

ROBERT/BOB/CURTIS MEMORIAL (D76) (PFNO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 11FEB10 (10042) (FAA)

DEPARTURE PROCEDURE:

Rwy 6, climbing left turn to a heading between 239° CW to 282° from DER to 3700 before proceeding on course, or minimum climb of 345' per NM to 2700 for all other courses.

Rwy 24, climb on a heading between 104° CW to 309° from DER to 3700 before proceeding on course, or minimum climb of 265' per NM to 3500 for all other courses.

TAKEOFF OBSTACLE NOTES:

Rwy 6, trees beginning at DER, 400' left and right of centerline, up to 20' AGL/119' MSL.

Rwy 24, trees beginning at DER, 400' left and right of centerline, up to 20' AGL/94' MSL.

NORTHWAY, AK

NORTHWAY (ORT) (PAOR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 18JAN17 (07018) (FAA)

DEPARTURE PROCEDURE:

Rwy 5, climbing right turn to 4000 via ORT R-100, then climbing right turn to 8000 direct ORT VORTAC, continue climb in ORT VORTAC holding pattern (West, right turn, 108° inbound) to 8000 before proceeding on course. . . .

Rwy 23, climbing left turn to 4000 via ORT R-170, then climbing left turn to 8000 direct ORT VORTAC, continue climb in ORT VORTAC holding pattern (West, right turn, 108° inbound) to 8000 before proceeding on course. . .

. . .continue climb via assigned route.

TAKEOFF OBSTACLE NOTES:

Rwy 5, multiple trees beginning 1133' from DER, 727' right of centerline, up to 60' AGL/1859' MSL.
Multiple trees beginning 3881' from DER, 1522' left of centerline, up to 60' AGL/1859' MSL.

Rwy 23, multiple trees beginning 777' from DER, 560' left of centerline, up to 60' AGL/1809' MSL.
Multiple trees beginning 1365' from DER, 527' right of centerline, up to 60' AGL/1809' MSL.

NUIQSUT, AK

NUIQSUT (AQT) (PAQT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08APR10 (10098) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, road with vehicles beginning 165' from DER, left and right of centerline, up to 15' AGL/89' MSL.

Rwy 23, terrain beginning 211' from DER, 523' left of centerline to 450' right of centerline, up to 74' MSL.

NULATO, AK

NULATO (NUL) (PANU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 05JAN17 (17005) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, 600-2¾ w/min. climb of 245' per NM to 1200 or 1200-2½ for VCOA.

DEPARTURE PROCEDURE:

Rwy 3, climb heading 029° to 1600 before turning left.

Rwy 21, climb heading 209° to 1500 before proceeding on course.

VCOA: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Nulato airport at or above 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, trees beginning 16' from DER, 237' right of centerline, up to 60' AGL/459' MSL.
Trees beginning 18' from DER, 379' left of centerline, up to 60' AGL/459' MSL.
Trees beginning 738' from DER, 54' right of centerline, up to 60' AGL/559' MSL.
Trees beginning 1673' from DER, 179' right of centerline, up to 60' AGL/559' MSL.
Trees beginning 2402' from DER, 93' right of centerline, up to 60' AGL/615' MSL.
Trees beginning 4969' from DER, 293' right of centerline, up to 60' AGL/659' MSL.
Trees beginning 6071' from DER, 263' right of centerline, up to 60' AGL/759' MSL.
Trees beginning 1.2 NM from DER, 637' left of centerline, up to 60' AGL/859' MSL.
Trees beginning 1.4 NM from DER, 1026' left of centerline, up to 60' AGL/959' MSL.
Trees beginning 2 NM from DER, 785' left of centerline, up to 60' AGL/959' MSL.
Tree 2.2 NM from DER, 4145' left of centerline, 60' AGL/859' MSL.
Rwy 21, trees, beginning 15' from DER, 118' right of centerline, up to 60' AGL/459' MSL.

PALMER, AK

WARREN "BUD" WOODS PALMER MUNI (PAQ) (PAAQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2B 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS: **Rwy 10,** NA-obstacles.

DEPARTURE PROCEDURE:

Rwys 16, 28, 34, Use PALMER RNAV DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 16, NAVAID beginning 3' from DER, 40' right of centerline, up to 2' AGL/222' MSL.
NAVAID, fence beginning 4' from DER, 49' left of centerline, up to 1' AGL/222' MSL.
Terrain beginning 197' from DER, 393' right of centerline, up to 227' MSL.
Trees beginning 584' from DER, 161' left of centerline, up to 60' AGL/274' MSL.
Catenary 910' from DER, 623' right of centerline, 39' AGL/259' MSL.
Trees beginning 991' from DER, 40' right of centerline, up to 72' AGL/292' MSL.
Trees beginning 2340' from DER, 246' right of centerline, up to 90' AGL/301' MSL.
Rwy 28, NAVAID beginning 3' from DER, 27' right of centerline, up to 2' AGL/234' MSL.
NAVAID beginning 11' from DER, 37' left of centerline, up to 1' AGL/234' MSL.
Vegetation 11' from DER, 48' right of centerline, 3' AGL/236' MSL.
Vertical structure, tree, vegetation beginning 20' from DER, 183' right of centerline, up to 22' AGL/259' MSL.
Trees beginning 20' from DER, 10' left of centerline, up to 90' AGL/322' MSL.
Tree, vegetation beginning 278' from DER, 18' right of centerline, up to 79' AGL/317' MSL.
Tree, pole, catenary, antenna beginning 513' from DER, 12' right of centerline, up to 92' AGL/328' MSL.
Trees beginning 1377' from DER, 45' left of centerline, up to 94' AGL/331' MSL.
Trees beginning 2121' from DER, 594' left of centerline, up to 97' AGL/337' MSL.
Trees beginning 3799' from DER, 876' left of centerline, up to 67' AGL/345' MSL.
Tree 3965' from DER, 773' left of centerline, 69' AGL/354' MSL.
Rwy 34, tree, NAVAID beginning 1' from DER, 39' right of centerline, up to 79' AGL/287' MSL.
NAVAID beginning 9' from DER, 40' left of centerline, up to 2' AGL/250' MSL.
Sign 28' from DER, 198' left of centerline, 3' AGL/251' MSL.
Vegetation 38' from DER, 431' left of centerline, 4' AGL/253' MSL.
Tree 73' from DER, 192' right of centerline, 47' AGL/289' MSL.
Trees beginning 138' from DER, 144' right of centerline, up to 82' AGL/306' MSL.
Vegetation beginning 164' from DER, 287' left of centerline, up to 2' AGL/255' MSL.
Tree 270' from DER, 545' left of centerline, 5' AGL/257' MSL.
Tree, catenary, pole beginning 393' from DER, 108' right of centerline, up to 73' AGL/313' MSL.
Tree 575' from DER, 512' left of centerline, 4' AGL/265' MSL.
Trees beginning 653' from DER, 170' left of centerline, up to 4' AGL/266' MSL.
Catenary, pole, tree beginning 1046' from DER, 52' left of centerline, up to 42' AGL/284' MSL.
Trees beginning 1123' from DER, 133' left of centerline, up to 83' AGL/327' MSL.
Trees beginning 1129' from DER, 12' right of centerline, up to 82' AGL/325' MSL.
Tree 1256' from DER, 397' left of centerline, 80' AGL/329' MSL.
Trees beginning 1880' from DER, 34' left of centerline, up to 97' AGL/352' MSL.
Tree 1990' from DER, 75' right of centerline, 102' AGL/341' MSL.
Trees beginning 2184' from DER, 4' right of centerline, up to 109' AGL/344' MSL.
Trees beginning 2546' from DER, 162' left of centerline, up to 98' AGL/356' MSL.
Tree 2963' from DER, 1188' right of centerline, 82' AGL/355' MSL.
Trees beginning 2973' from DER, 1191' right of centerline, up to 86' AGL/364' MSL.
Trees beginning 4046' from DER, 1574' right of centerline, up to 119' AGL/379' MSL.
Tree 4818' from DER, 1704' right of centerline, 118' AGL/385' MSL.
Tree 1 NM from DER, 2106' right of centerline, 96' AGL/590' MSL.

PERRYVILLE, AK

PERRYVILLE (PEV) (PAPE)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 08NOV18 (18312) (FAA)
TAKEOFF MINIMUMS:
Rwy 2, NA-obstacles.
DEPARTURE PROCEDURE:
Rwy 20, Use CILAC (RNAV) DEPARTURE.
TAKEOFF OBSTACLE NOTES:
Rwy 20, tree 52' from DER, 264' right of centerline, 50' AGL/67' MSL.
Trees beginning 83' from DER, 17' right of centerline, up to 50' AGL/99' MSL.
Trees beginning 103' from DER, 190' left of centerline, up to 50' AGL/50' MSL.
Trees beginning 549' from DER, 86' left of centerline, up to 50' AGL/64' MSL.
Vehicle 1567' from DER, 156' left of centerline, 15' AGL/64' MSL.
Tree 1690' from DER, 54' left of centerline, 50' AGL/70' MSL.
Trees beginning 1937' from DER, 35' right of centerline, up to 50' AGL/149' MSL.
Tree 2385' from DER, 125' left of centerline, 50' AGL/90' MSL.
Tree 2633' from DER, 301' left of centerline, 50' AGL/100' MSL.
Trees beginning 2666' from DER, 303' right of centerline, up to 50' AGL/249' MSL.
Tree 2831' from DER, 21' left of centerline, 50' AGL/113' MSL.
Trees beginning 2850' from DER, 322' left of centerline, up to 50' AGL/149' MSL.
Trees beginning 4867' from DER, 1170' left of centerline, up to 50' AGL/349' MSL.

PETERSBURG, AK

PETERSBURG JAMES A JOHNSON (PSG) (PAPG)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 6 27JUN13 (13178) (FAA)
DEPARTURE PROCEDURE:
Use PETERSBURG DEPARTURE.

PILOT POINT, AK

PILOT POINT (PNP) (PAPN)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 25DEC03 (03359) (FAA)
DEPARTURE PROCEDURE:
Use ZILKO RNAV DEPARTURE.

PLATINUM, AK

PLATINUM (PTU) (PAPM)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 17AUG17 (17229) (FAA)
TAKEOFF MINIMUMS:
Rwy 14, std. w/min climb of 640' per NM to 2800 or 2400-3 for VCOA.
DEPARTURE PROCEDURE:
Rwy 32, climb heading 324° to 1500 before proceeding on course.
VCOA:
Rwy 14, obtain ATC approval for VCOA when requesting IFR clearance, climb in visual conditions to cross Platinum airport at or above 2300 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 14, vehicles on road beginning 30' from DER, crossing centerline, up to 15' AGL/36' MSL.
Bush 71' from DER, 242' right of centerline, 2' AGL/27' MSL.
Vehicles on road beginning 183' from DER, 493' left of centerline, up to 15' AGL/31' MSL.

POINT HOPE, AK

POINT HOPE (PHO) (PAPO)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 17OCT13 (13290) (FAA)
TAKEOFF OBSTACLE NOTES:
Rwy 1, barge/iceberg 778' from DER, 632' left of centerline, 50' AGL/50' MSL.
Lights 16' from DER, 37' left and right of centerline, 3' AGL/20' MSL.
Rwy 19, barge/iceberg 912' from DER, 237' left of centerline, 50' AGL/50' MSL.
Lights 2' from DER, 38' left and right of centerline, 3' AGL/21' MSL.

PORT HEIDEN, AK

PORT HEIDEN (PTH) (PAPH)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3 05DEC19 (19339) (FAA)
DEPARTURE PROCEDURE:
Use ITAWU DEPARTURE.

QUINHAGAK, AK

QUINHAGAK (PAQH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 31MAR16 (16091) (FAA)

TAKEOFF MINIMUMS:

Rwy 12, std. w/min. climb of 255' per NM to 4200, or 1400-3 for climb in visual conditions.

VCOA:

Rwy 12, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Quinhagak airport at or above 1300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 12, pole 19' from DER, 279' right of centerline, 15' AGL/46' MSL.
Trees beginning 225' from DER, 151' right of centerline, up to 15' AGL/64' MSL.
Rwy 30, trees beginning 251' from DER, 433' left of centerline, up to 15' AGL/64' MSL.
Trees beginning 834' from DER, 674' right of centerline, up to 15' AGL/64' MSL.

RUBY, AK

RUBY (RBY) (PARY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 18NOV10 (10322) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, std. w/ min. climb of 340' per NM to 4000 or 1900-2½ for climb in visual conditions.
Rwy 21, std. w/min. climb of 566' per NM to 4000 or 1900-2½ for climb in visual conditions.

DEPARTING PROCEDURE:

Rwy 3, climb heading 031° to 1400 then climbing right turn heading 282° to intercept GAL VOR/DME-072 to GAL VOR/DME, or for climb in visual conditions cross Ruby at or above 2400 before proceeding on course.
Rwy 21, climb heading 211° to 1300 then climbing right turn heading 282° to intercept GAL VOR/DME-072 to GAL VOR/DME, or for climb in visual conditions cross Ruby at or above 2400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, trees beginning 177' from DER, 150' left of centerline, up to 50' AGL/714' MSL.
Rwy 21, trees beginning 1299' from DER, 79' left of centerline, up to 50' AGL/874' MSL.
Rising terrain beginning 1895' from DER, 64' left of centerline, up to 801' MSL.
Tree 1272' from DER, on centerline, 27' AGL/726' MSL.
Trees beginning 122' from DER, 400' right of centerline, up to 50' AGL/881' MSL.
Rising terrain 4724' from DER, 101' right of centerline, up to 827' MSL.

RUSSIAN MISSION, AK

RUSSIAN MISSION (RSH) (PARS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 20JUN19 (19171) (FAA)

TAKEOFF MINIMUMS:

Rwy 18, 700-3 w/min. climb of 380' per NM to 1900 or 2000-3 for VCOA.
Rwy 36, 500-2 w/min. climb of 370' per NM to 3700 or 2000-3 for VCOA.

VCOA: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Russian Mission airport at or above 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 18, tree 54' from DER, 45' right of centerline, 93' MSL.
Trees beginning 642' from DER, 659' right of centerline, up to 228' MSL.
Trees beginning 947' from DER, 749' right of centerline, up to 257' MSL.
Trees beginning 1.2 NM from DER, 1401' left of centerline, up to 384' MSL.
Trees beginning 1.8 NM from DER, crossing runway centerline, up to 515' MSL.
Trees beginning 1.9 NM from DER, 109' right of centerline, up to 583' MSL.
Trees beginning 2.3 NM from DER, 1538' right of centerline, up to 730' MSL.
Rwy 36, tree 90' from DER, 165' right of centerline, 69' MSL.
Tree 121' from DER, 160' left of centerline, 71' MSL.
Tree 128' from DER, 21' right of centerline, 76' MSL.
Tree 367' from DER, 17' right of centerline, 82' MSL.
Tree 490' from DER, 20' right of centerline, 85' MSL.
Tree 672' from DER, 42' right of centerline, 89' MSL.
Tree 708' from DER, 13' right of centerline, 94' MSL.
Bush 1790' from DER, 902' left of centerline, 110' MSL.
Building 1864' from DER, 926' left of centerline, 17' AGL/131' MSL.
Trees beginning 1904' from DER, 687' left of centerline, up to 146' MSL.
Trees beginning 2028' from DER, 472' left of centerline, up to 206' MSL.
Trees beginning 2302' from DER, 456' left of centerline, up to 250' MSL.
Tree 2452' from DER, 479' left of centerline, 260' MSL.
Tree 2533' from DER, 651' left of centerline, 272' MSL.
Tank 2538' from DER, 1012' left of centerline, 19' AGL/275' MSL.
Trees beginning 2611' from DER, 665' left of centerline, up to 336' MSL.
Trees beginning 2966' from DER, 884' left of centerline, up to 358' MSL.
Tree 3866' from DER, 1430' left of centerline, 226' MSL.

ST. GEORGE, AK

ST. GEORGE (PBV) (PAPB)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 10NOV16 (16315) (FAA)
TAKEOFF MINIMUMS:
Rwy 11, 600-2¾ or std. w/min. climb of 405' per NM to 900.
Rwy 29, 600-2¾ or std. w/min. climb of 295' per NM to 800.
DEPARTURE PROCEDURE:
Rwy 11, climb on a heading between 107° CW 250° from DER to 1200 before proceeding on course.
Rwy 29, climb on heading 287° to 1200 before turning right.
TAKEOFF OBSTACLE NOTES:
Rwy 11, ground 183' from DER, 474' left of centerline, 138' MSL.
Ground 1.6 NM from DER, crossing centerline, up to 556' MSL.
Ground 1.8 NM from DER, on centerline, 626' MSL.
Ground 1.8 NM from DER, 874' left of centerline, 673' MSL.
Ground 2.1 NM from DER, 4005' left of centerline, 700' MSL.
Rwy 29, ground 196' from DER, 495' right of centerline, 144' MSL.
Antenna 1023' from DER, 417' right of centerline, 17' AGL/165' MSL.
Ground 2.2 NM from DER, 2511' right of centerline, 635' MSL.

ST. MARYS, AK

ST. MARYS (KSM) (PASM)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 12FEB87 (87043) (FAA)
TAKEOFF MINIMUMS:
Rwys 6,17,24, 200-1.
DEPARTURE PROCEDURE:
Rwys 6,17,24,35, climb straight ahead to 1000, continue climb on course.

ST. MICHAEL, AK

ST. MICHAEL (SMK) (PAMK)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 05JAN17 (17005) (FAA)
DEPARTURE PROCEDURE:
Rwy 20, climb heading 196° to 800' before turning right.
TAKEOFF OBSTACLE NOTES:
Rwy 20, lighted windsock 98' from DER, 423' right of centerline, 115' MSL.
Vehicle on road 807' from DER, 143' left of centerline, up to 120' MSL.
Pole 992' from DER, 556' right of centerline, 12' AGL/144' MSL.
Transmission line towers beginning 1023' from DER, 593' right of centerline, up to 33' AGL/145' MSL.
Transmission line tower 1906' from DER, 792' left of centerline, 33' AGL/154' MSL.
Transmission line towers beginning 1912' from DER, 96' right of centerline, up to 32' AGL/159' MSL.

ST. PAUL ISLAND, AK

ST. PAUL ISLAND (SNP) (PASN)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3 18NOV10 (10322) (FAA)
DEPARTURE PROCEDURE:
Rwy 18, climb heading 180° to 800 before proceeding on course.
Rwy 36, climb heading 360° to 600 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 36, terrain beginning 217' from DER, 84' left of centerline up to 79' MSL.

SAND POINT, AK

SAND POINT (SDP) (PASD)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 4A 13SEP18 (18256) (FAA)
DEPARTURE PROCEDURE:
Use BORLAND DEPARTURE.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

SAVOONGA, AK

SAVOONGA (SVA) (PASA)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 29JUL10 (10210) (FAA)

TAKEOFF MINIMUMS:
Rwy 23, std. w/ min climb of 250' per NM to 1000, or 1600-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:
Rwy 5, aircraft departing via ULL R-260 CW R-080 climb on course, all others climb via ULL R-059 to 2200 before turning South.
Rwy 23, aircraft departing via ULL R-260 CW R-080 climb on course. All others climbing right turn direct ULL VOR/DME then via ULL R-059 to 2200 before turning South. For climb in visual conditions: cross Savoonga Airport at or above 1500, then proceed on ULL R-059 to 2200.

TAKEOFF OBSTACLE NOTES:
Rwy 23, trees 2791' from DER, 140' left of centerline, 20' AGL/140' MSL.
Rising terrain beginning 590' from DER, 351' left of centerline, up to 99' MSL.

SCAMMON BAY, AK

SCAMMON BAY (SCM) (PACM)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 10NOV16 (16315) (FAA)

TAKEOFF MINIMUMS:
Rwy 10, std. w/min. climb of 410' per NM to 1900, or 2100-3 for VCOA.
Rwy 28, std. w/min. climb of 230' per NM to 2300, or 2100-3 for VCOA.

DEPARTURE PROCEDURE:
Rwy 10, climb heading 101° to 1900 before proceeding on course.
Rwy 28, climb heading 281° to 2300 before turning left.

VCOA:
Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Scammon Bay airport at or above 2000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 10, signs 10' from DER, both 54' left and right of centerline, 4' AGL/20' MSL.
Bushes beginning 642' from DER, 670' right of centerline, up to 37' MSL.
Terrain beginning 1286' from DER, 841' right of centerline, up to 60' MSL.
Bush 1485' from DER, 874' right of centerline, 69' MSL.
Bushes and terrain beginning 1.1 NM from DER, 732' right of centerline, up to 373' MSL.
Terrain beginning 1.4 NM from DER, 1102' left of centerline, up to 269' MSL.
Bushes and terrain beginning 1.4 NM from DER, 697' right of centerline, up to 389' MSL.
Terrain beginning 1.4 NM from DER, 1024' left of centerline, up to 325' MSL.
Bushes and terrain beginning 1.4 NM from DER, 636' right of centerline, up to 596' MSL.
Bushes and terrain beginning 1.8 NM from DER, 1670' left of centerline, up to 430' MSL.
Terrain beginning 1.9 NM from DER, crossing centerline, up to 641' MSL.
Rwy 28, vehicles on road beginning 151' from DER, 271' left of centerline, up to 26' MSL.

SELAWIK, AK

SELAWIK (WLK) (PASK)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1A 29MAY14 (14149) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 4, multiple bushes beginning 176' from DER, 429' left of centerline, up to 18' AGL/18' MSL.
Rwy 22, antenna on building, 1040' from DER, 448' right of centerline, 30' AGL/ 47' MSL.
Rwy 27, multiple antennas and buildings beginning 270' from DER, right and left of centerline, up to 108' AGL/125' MSL.
Bridge 2148' from DER, 249' right of centerline, 60' AGL/90' MSL.
Wind turbines beginning 3310' from DER, 1194' right of centerline, up to 110' AGL/165' MSL.

SEWARD, AK

SEWARD (SWD) (PAWD)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 20SEP12 (12264) (FAA)

DEPARTURE PROCEDURE:
Rwy 13, Use SEWAR DEPARTURE.
Rwys 16, 31, 34, NA - Terrain.

SHAGELUK, AK

SHAGELUK (SHX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20NOV08 (08325) (FAA)

DEPARTURE PROCEDURE:

Rwy 16, climb heading 180º to 1400 before turning left.

Rwy 34, climb heading 345° to 1200 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 16, vehicles on road, beginning 160' from DER, 153' right of centerline, up to 15' AGL/93' MSL.

Bush 322' from DER, 9' left of centerline, 9' AGL/87' MSL.

Trees beginning 2' from DER, 393' right of centerline, up to 40' AGL/118' MSL.

Trees beginning 720' from DER, 122' left of centerline, up to 53' AGL/131' MSL.

Rwy34, trees beginning 34' from DER, 386' right of centerline, up to 53' AGL/131' MSL.

SHAKTOOLIK, AK

SHAKTOOLIK (2C7) (PFSH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 15AUG19 (19227) (FAA)

DEPARTURE PROCEDURE:

Rwy 15, climb on heading 147° to 1300 before turning east.

TAKEOFF OBSTACLE NOTES:

Rwy 15, building 199' from DER, 483' left of centerline, 41' AGL/46' MSL.

Buildings beginning 204' from DER, 483' left of centerline, up to 50' AGL/55' MSL.

SHISHMAREF, AK

SHISHMAREF (SHH) (PASH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 12MAR09 (09071) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, multiple trees, 9' from DER, 179' left of centerline, up to 15' AGL/85' MSL.

Multiple trees, 92' from DER, 94' right of centerline, up to 15' AGL/88' MSL.

NDB tower, 236' from DER, 561' left of centerline, 40' AGL/66' MSL.

Rwy 23, boat, 703' from DER, 663' right of centerline, 50' AGL/50' MSL.

SHUNGNAK, AK

SHUNGNAK (SHG) (PAGH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10OCT19 (19283) (FAA)

DEPARTURE PROCEDURE:

Rwys 10, 28, climbing right turn direct AMF NDB.

TAKEOFF OBSTACLE NOTES:

Rwy 10, lighting beginning 9' from DER, 20' left of centerline, up to 3' AGL/207' MSL.

Lighting beginning 10' from DER, 20' right of centerline, up to 2' AGL/207' MSL.

Vegetation, trees beginning 58' from DER, 277' right of centerline, up to 219' MSL.

Trees, road beginning 103' from DER, 111' right of centerline, up to 237' MSL.

Trees beginning 838' from DER, 30' left of centerline, up to 234' MSL.

Tree 1180' from DER, 589' left of centerline, 241' MSL.

Tree 1218' from DER, 608' left of centerline, 255' MSL.

Rwy 28, lighting beginning 9' from DER, 20' right of centerline, up to 3' AGL/176' MSL.

Lighting beginning 9' from DER, 19' left of centerline, up to 2' AGL/176' MSL.

SITKA, AK

SITKA ROCKY GUTIERREZ (SIT) (PASI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 18JAN07 (07018) (FAA)

DEPARTURE PROCEDURE:

Use BIORKA DEPARTURE.

SOLDOTNA, AK

SOLDOTNA (SXQ) (PASX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 20JUN19 (19171) (FAA)

TAKEOFF MINIMUMS:

Rwy 7, 300-2¼ or std. w/min climb of 375' per NM to 400.

Rwy 25, 300-1⅞.

DEPARTURE PROCEDURE:

Rwy 7, climbing left turn on a heading between 256º clockwise to 054º from DER or climbing right turn on a heading between 179º clockwise to 254º from DER.

Rwy 25, climb heading 255º to 800, then climb on a heading between 164º clockwise to 069º.

TAKEOFF OBSTACLE NOTES:

Rwy 7, tree 51' from DER, 439' right of centerline, 40' AGL/147' MSL.
Transmission line beginning 195' from DER, 362' right of centerline, up to 66' AGL/168' MSL.
Multiple trees beginning 1243' from DER, 450' right of centerline, up to 53' AGL/173' MSL.
Tree 1381' from DER, 699' right of centerline, 54' AGL/179' MSL.
Tree 1393' from DER, 558' right of centerline, 59' AGL/184' MSL.
Multiple trees beginning 1470' from DER, 168' right of centerline, up to 86' AGL/237' MSL.
Tree 1985' from DER, 536' left of centerline, 59' AGL/162' MSL.
Transmission line beginning 1995' from DER, 165' right of centerline, up to 86' AGL/257' MSL.
Tree 2098' from DER, 646' left of centerline, 63' AGL/165' MSL.
Transmission line beginning 2544' from DER, 476' right of centerline, up to 79' AGL/258' MSL.
Tree 2658' from DER, 630' left of centerline, 76' AGL/179' MSL.
Transmission line beginning 2788' from DER, 350' right of centerline, up to 82' AGL/260' MSL.
Multiple trees beginning 2932' from DER, 766' right of centerline, up to 83' AGL/264' MSL.
Tree 3017' from DER, 133' left of centerline, 84' AGL/188' MSL.
Multiple trees beginning 3303' from DER, 992' right of centerline, up to 94' AGL/266' MSL.
Tree 1.6 NM from DER, 2879' left of centerline, 70' AGL/356' MSL.
Tree 1.6 NM from DER, 2838' left of centerline, 83' AGL/374' MSL.
Tree 1.6 NM from DER, 3259' left of centerline, 81' AGL/390' MSL.

Rwy 25, tree 102' from DER, 425' left of centerline, 13' AGL/111' MSL.
Tree 177' from DER, 525' left of centerline, 34' AGL/129' MSL.
Tree 189' from DER, 493' left of centerline, 35' AGL/130' MSL.
Multiple trees beginning 290' from DER, 450' left of centerline, up to 46' AGL/142' MSL.
Transmission line beginning 490' from DER, 193' left of centerline, up to 54' AGL/149' MSL.
Tree 1043' from DER, 45' right of centerline, 35' AGL/126' MSL.
Tree 1045' from DER, 83' right of centerline, 39' AGL/132' MSL.
Tree 1052' from DER, 301' right of centerline, 41' AGL/133' MSL.
Pole beginning 1061' from DER, 54' right of centerline, up to 43' AGL/134' MSL.
Multiple trees beginning 1117' from DER, 71' right of centerline, up to 52' AGL/145' MSL.
Multiple trees beginning 1209' from DER, 1' left of centerline, up to 61' AGL/174' MSL.
Multiple trees beginning 1343' from DER, 23' right of centerline, up to 66' AGL/164' MSL
Transmission line beginning 1474' from DER, 97' left of centerline, up to 74' AGL/236' MSL.
Multiple trees beginning 1873' from DER, 81' left of centerline, up to 59' AGL/261' MSL.
Transmission line, pole beginning 2016' from DER, 392' left of centerline, up to 69' AGL/275' MSL.
Tree 2443' from DER, 365' right of centerline, 87' AGL/166' MSL.
Multiple trees beginning 2525' from DER, 338' left of centerline, up to 87' AGL/302' MSL.
Tree 1.4 NM from DER, 2803' left of centerline, 85' AGL/338' MSL.
Tree 1.5 NM from DER, 2800' left of centerline, 84' AGL/334' MSL.

SOUTH NAKNEK, AK

SOUTH NAKNEK NR 2 (WSN) (PFWS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 26MAY16 (16147) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, 23, NA.

TAKEOFF OBSTACLE NOTES:

Rwy 13, trees beginning 930' from DER, 268' left of centerline, up to 15' AGL/186' MSL.
Bushes beginning 240' from DER, 61' left of centerline, up to 13' AGL/186' MSL.
Bush 246' from DER, 18' right of centerline, 13' AGL/162' MSL.

Rwy 31, trees beginning 29' from DER, 143' left of centerline, up to 15' AGL/174' MSL.
Poles beginning 204' from DER, 359' right of centerline, up to 43' AGL/177' MSL.
Catenary 217' from DER, 451' right of centerline, 35' AGL/170' MSL.
Trees beginning 210' from DER, 111' right of centerline, up to 34' AGL/172' MSL.
Vehicles on road 211' from DER, 233' right of centerline, 15' AGL/167' MSL.

SPARREVOHN LRRS (PASV)

SPARREVOHN, AK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 24JUL14 (14205)

Diverse departures not authorized.

CAUTION: Uncontrolled Airspace below 700' AGL within 3 NM of Sparrevohn airport.

TAKE-OFF MINIMUMS:

Rwy 16, 2200-3 for climb in visual conditions.

Rwy 34, NA.

DEPARTURE PROCEDURE:

Rwy 16, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Sparrevohn LRRS at or above 3600' MSL before proceeding on course. Remain within 3 NM of Sparrevohn LRRS during climb in visual conditions.

Rwy 34, NA.

TAKEOFF OBSTACLE NOTES:

Rwy 16, terrain 1493' MSL, 1415' from DER, 850' left of centerline.

Terrain 1513' MSL, 1124' from DER, 801' left of centerline.

Terrain 1404' MSL, 196' from DER, 329' right of centerline.

TALKEETNA, AK

TALKEETNA (TKA) (PATK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 17AUG17 (17229) (FAA)

TAKEOFF MINIMUMS: **Rwy 19,** 300-1¾ or std. w/min. climb of 600' per NM to 600.

DEPARTURE PROCEDURE:

Rwy 1, Climb heading 011° to 1000 then climbing left turn direct TKA VOR/DME, thence…

Rwy 19, Climb heading 191° to 1900 then climbing right turn direct TKA VOR/DME, thence...

...continue climb-in-hold in TKA VOR/DME holding pattern (hold South, left turn, 352° inbound) to cross TKA VOR/DME at or above MEA/MCA for route of flight before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, tree 38' from DER, 499' right of centerline, 53' AGL/411' MSL.

Trees beginning 71' from DER, 385' left of centerline, up to 55' AGL/411' MSL.

Tree 178' from DER, 494' right of centerline, 58' AGL/417' MSL.

Trees beginning 270' from DER, 275' left of centerline, up to 81' AGL/443' MSL.

Trees beginning 371' from DER, 354' right of centerline, up to 72' AGL/433' MSL.

Trees beginning 476' from DER, 302' left of centerline, up to 86' AGL/448' MSL.

Trees beginning 525' from DER, 322' right of centerline, up to 84' AGL/445' MSL.

Tree 584' from DER, 552' right of centerline, 86' AGL/447' MSL.

Trees beginning 690' from DER, 386' right of centerline, up to 87' AGL/448' MSL.

Trees beginning 741' from DER, 403' left of centerline, up to 87' AGL/449' MSL.

Trees beginning 781' from DER, 385' right of centerline, up to 88' AGL/449' MSL.

Trees beginning 884' from DER, 148' right of centerline, up to 89' AGL/451' MSL.

Trees beginning 912' from DER, 345' left of centerline, up to 91' AGL/451' MSL.

Trees beginning 1109' from DER, 49' left of centerline, up to 92' AGL/454' MSL.

Trees beginning 2144' from DER, 106' left of centerline, up to 99' AGL/461' MSL.

Trees beginning 2179' from DER, 147' right of centerline, up to 88' AGL/452' MSL.

Trees beginning 2342' from DER, 606' right of centerline, up to 92' AGL/457' MSL.

Trees beginning 2371' from DER, 32' right of centerline, up to 94' AGL/460' MSL.

Trees beginning 2996' from DER, 183' right of centerline, up to 97' AGL/464' MSL.

Tree 3869' from DER, 111' left of centerline, 99' AGL/467' MSL.

Tree 4618' from DER, 1693' left of centerline, 125' AGL/493' MSL.

Trees beginning 4711' from DER, 1430' left of centerline, up to 132' AGL/501' MSL.

Rwy 19, bush 82' from DER, 272' right of centerline, 358' MSL.

Wsk 100' from DER, 207' right of centerline, 11' AGL/361' MSL.

Tree 125' from DER, 500' left of centerline, 23' AGL/374' MSL.

Tree 130' from DER, 499' right of centerline, 63' AGL/412' MSL.

Trees beginning 173' from DER, 145' left of centerline, up to 50' AGL/401' MSL.

Tree, pole beginning 266' from DER, 170' right of centerline, up to 75' AGL/425' MSL.

Trees beginning 1345' from DER, 167' right of centerline, up to 83' AGL/432' MSL.

Tree 1648' from DER, 912' left of centerline, 54' AGL/403' MSL.

Trees beginning 1692' from DER, 67' right of centerline, up to 85' AGL/434' MSL.

Trees beginning 1816' from DER, 14' left of centerline, up to 68' AGL/416' MSL.

Trees beginning 1948' from DER, 36' left of centerline, up to 71' AGL/419' MSL.

Trees beginning 2008' from DER, 350' right of centerline, up to 96' AGL/440' MSL.

Trees beginning 2064' from DER, 789' left of centerline, up to 90' AGL/485' MSL.

Trees beginning 2376' from DER, 774' left of centerline, up to 76' AGL/520' MSL.

Trees beginning 2481' from DER, 776' left of centerline, up to 80' AGL/527' MSL.

Trees beginning 2485' from DER, 199' right of centerline, up to 101' AGL/449' MSL.

Trees beginning 2500' from DER, 193' right of centerline, up to 107' AGL/453' MSL.

Trees beginning 3009' from DER, 684' left of centerline, up to 77' AGL/535' MSL.

Trees beginning 3062' from DER, 761' left of centerline, up to 83' AGL/542' MSL.

Trees beginning 3168' from DER, 755' left of centerline, up to 94' AGL/549' MSL.

Trees beginning 6019' from DER, 1486' left of centerline, up to 80' AGL/556' MSL.

Trees beginning 1 NM from DER, 1624' left of centerline, up to 82' AGL/558' MSL.

CON'T

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

TALKEETNA, AK (CON'T)

TALKEETNA (TKA) (PATK) (CON'T)

Rwy 19 (CON'T), tree, road (north), fence, terrain, antenna, satellite dish, light pole, building, VOR/DME beginning 1 NM from DER, 1382' left of centerline, up to 77' AGL/595' MSL.
Tree, fence beginning 1.1 NM from DER, 1379' left of centerline, up to 70' AGL/600' MSL.
Tree, fence beginning 1.1 NM from DER, 1338' left of centerline, up to 78' AGL/602' MSL.
Tree 1.3 NM from DER, 1920' left of centerline, 90' AGL/575' MSL.

TANANA, AK

RALPH M CALHOUN MEMORIAL (TAL) (PATA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

Rwy 7, std. w/min. climb of 405' per NM to 1300, or 1200-3 for VCOA.
Rwy 25, 300-1 ⅝ or std. w/min. climb of 256' per NM to 600.

DEPARTURE PROCEDURE:

Rwy 7, climbing right turn on heading 102° and TAL VOR/DME R-081 to SATUE/TAL 12.00 DME.
Rwy 25, climbing left turn on heading 078° and TAL VOR/DME R-081 to SATUE.
All aircraft continue Climb in SATUE/12.00 DME holding pattern (hold east, left turn, 261° inbound) to cross SATUE at or above 4000 before proceeding on course.

VCOA:

Rwy 7, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Ralph M Calhoun Memorial airport at or above 1300 then climb on TAL VOR/DME R-081 to SATUE, continue climb in SATUE holding pattern (hold east, left turn, 261° inbound) to cross SATUE at or above 4000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 7, NAVAID 10' from DER, 60' left of centerline, 2' AGL/243' MSL.
Vegetation 21' from DER, 194' left of centerline, 9' AGL/244' MSL.
Tree 25' from DER, 422' right of centerline, 47' AGL/276' MSL.
Trees, vegetation beginning 83' from DER, 249' left of centerline, up to 26' AGL/260' MSL.
Trees beginning 117' from DER, 360' right of centerline, up to 52' AGL/280' MSL.
Tree 193' from DER, 513' left of centerline, 30' AGL/266' MSL.
Tree 373' from DER, 520' left of centerline, 32' AGL/267' MSL.
Trees beginning 460' from DER, 511' left of centerline, up to 32' AGL/268' MSL.
Trees beginning 1.4 NM from DER, 2394' left of centerline, up to 79' AGL/481' MSL.
Trees beginning 1.6 NM from DER, 2194' left of centerline, up to 89' AGL/587' MSL.
Trees beginning 1.6 NM from DER, 2360' left of centerline, up to 89' AGL/620' MSL.
Trees beginning 1.7 NM from DER, 1974' left of centerline, up to 85' AGL/658' MSL.
Trees beginning 1.8 NM from DER, 1989' left of centerline, up to 99' AGL/722' MSL.
Trees beginning 2 NM from DER, 1467' left of centerline, up to 95' AGL/806' MSL.
Trees beginning 2.1 NM from DER, 1470' left of centerline, up to 77' AGL/772' MSL.
Trees beginning 2.3 NM from DER, 1489' left of centerline, up to 93' AGL/856' MSL.
Tree, vehicles on road beginning 2.3 NM from DER, 1930' left of centerline, up to 88' AGL/868' MSL.
Tree, vehicles on road beginning 2.4 NM from DER, 1491' left of centerline, up to 61' AGL/853' MSL.
Tree, vehicles on road, vertical structure beginning 2.4 NM from DER, 1494' left of centerline, up to 60' AGL/869' MSL.
Rwy 25, building 5' from DER, 371' left of centerline, 10' AGL/232' MSL.
Tree 8' from DER, 343' left of centerline, 10' AGL/233' MSL.
Trees, NAVAID beginning 8' from DER, 59' left of centerline, up to 10' AGL/234' MSL.
NAVAID 9' from DER, 60' right of centerline, 2' AGL/231' MSL.
Trees beginning 224' from DER, 493' right of centerline, up to 44' AGL/273' MSL.
Trees, vehicles on road beginning 908' from DER, 573' right of centerline, up to 44' AGL/281' MSL.
Trees beginning 1911' from DER, 421' right of centerline, up to 39' AGL/282' MSL.
Trees beginning 2341' from DER, 559' right of centerline, up to 46' AGL/295' MSL.
Trees beginning 2934' from DER, 821' right of centerline, up to 62' AGL/324' MSL.
Trees beginning 3334' from DER, 922' right of centerline, up to 64' AGL/335' MSL.
Trees beginning 3621' from DER, 1057' right of centerline, up to 74' AGL/365' MSL.
Trees beginning 4086' from DER, 1156' right of centerline, up to 76' AGL/368' MSL.
Trees, catenary beginning 5357' from DER, 1369' right of centerline, up to 62' AGL/373' MSL.
Trees beginning 5763' from DER, 1764' right of centerline, up to 58' AGL/410' MSL.
Trees, catenary, pole beginning 5888' from DER, 1389' right of centerline, up to 65' AGL/418' MSL.
Tree, catenary, pole beginning 1 NM from DER, 1381' right of centerline, up to 60' AGL/427' MSL.
Trees beginning 1 NM from DER, 1301' right of centerline, up to 53' AGL/436' MSL.
Trees beginning 1.1 NM from DER, 1136' right of centerline, up to 48' AGL/425' MSL.

TATALINA LRRS (PATL)

TAKOTNA, AK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29MAY14 (14149)

Diverse departures not authorized.

CAUTION:

Uncontrolled Airspace below 1200' AGL within 4 NM of Tatalina airport.

DEPARTURE PROCEDURE:

Rwy 17, use TATALINA DEPARTURE (RNAV1).

Rwy 35, NA.

TATITLEK, AK

TATITLEK (7KA) (PAKA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 10JAN13 (13010) (FAA)

TAKEOFF MINIMUMS:

Rwy 13, std. w/min. climb of 358' per NM to 2500 or 3400-2 for climb in visual conditions.

Rwy 31, std. w/min. climb of 370' per NM to 900 or 3400-2 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 13, climbing right turn heading 146° and JOH R-338 to JOH VOR/DME before proceeding on course or. ..

Rwy 31, climbing left turn heading 252° to intercept JOH R-316 to JOH VOR/DME before proceeding on course. Do not exceed 180 KIAS until established on JOH R-316 or. ..

Rwys 13, 31, ... for climb in visual conditions: cross Tatitlek airport at or above 3300 then via JOH R-336 to JOH VOR/DME before proceeding on course. Do not exceed 180 KIAS until established on JOH R-336 to JOH VOR/DME.

Note: rapidly rising terrain northwest of procedure.

TAKEOFF OBSTACLE NOTES:

Rwy 13, trees 335' from DER, 411' right of centerline, 39' AGL/79' MSL.

Trees 11' from DER, 467' left of centerline, 34' AGL/74' MSL.

Bush 429' from DER, 48' right of centerline, 12' AGL/52' MSL.

Vent on building 1172' from DER, 767' left of centerline, 58' AGL/98' MSL.

Pole 3072' from DER, 194' left of centerline, 99' AGL/139' MSL.

Rwy 31, trees beginning 23' from DER, 339' right of centerline, up to 100' AGL/703' MSL.

TELLER, AK

TELLER (TER) (PATE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 16JUL20 (20198) (FAA)

TAKEOFF MINIMUMS:

Rwy 8, std. w/min. climb of 320' per NM to 1700, or 1600-3 for VCOA.

Rwy 26, 400-3 or std. w/min. climb of 230' per NM to 600.

DEPARTURE PROCEDURE:

Rwy 8, climb on heading 080° to 1700 before turning right.

Rwy 26, climb on heading 260° to 1200 before turning left.

VCOA:

Rwy 8, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Teller airport at or above 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 8, wind indicator 18' from DER, 377' left of centerline, 20' AGL/317' MSL.

Pole 264' from DER, 498' left of centerline, 34' AGL/332' MSL.

Vertical structure 298' from DER, 476' left of centerline, 34' AGL/333' MSL.

Antenna, poles beginning 303' from DER, 483' left of centerline, up to 56' AGL/355' MSL.

Rwy 26, lights beginning 8' from DER, 21' right of centerline, up to 2' AGL/282' MSL.

Light 9' from DER, 29' left of centerline, 2' AGL/282' MSL.

TIN CITY LRRS (PATC)

TIN CITY, AK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08JAN15 (15008)

Diverse Departures not authorized.

TAKEOFF MINIMUMS:

Rwy 34, 2500-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 16, use HONPO DEPARTURE.

Rwy 34, use JEKLI DEPARTURE.

VCOA:

Rwy 34, Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Tin City airport at or above 2600 before proceeding on course. Remain within 3.0 NM of Tin City airport during climb in visual conditions.

TAKEOFF OBSTACLE NOTES:

Rwy 34, terrain at the DER, 353' right of centerline, 260' MSL.

Terrain 4228' from DER, 1027' left of centerline, 407' MSL.

Terrain 4835' from DER, 970' left of centerline, 407' MSL.

Rwy 16, NA - Terrain.

TOGIAK VILLAGE, AK

TOGIAK (TOG) (PATG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 24MAY18 (18144) (FAA)

TAKEOFF MINIMUMS:

Rwys 10, 28, NA – environmental.

Rwy 3, std. w/ min. climb of 215' per NM to 3600, or 2000-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 3, climb on a heading between 030° CW 210° from DER, or min. climb of 315' per NM to 3100 for headings from 211° CW 029°.

Rwy 21, climb heading 210° to 1600 before proceeding on course.

VCOA:

Rwy 3, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Togiak airport at or above 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, vegetation and building beginning 7' from DER, 165' right and 80' left of centerline, 7' AGL/21' MSL.
Building and vegetation beginning 11' from DER, 85' right and 121' left of centerline, up to 8' AGL/22' MSL.
Buildings and vertical structure, beginning 332' from DER, 498' right of centerline, up to 27' AGL/39' MSL.
Poles, vertical structure, and catenaries beginning 697' from DER, 412' right of centerline, up to 33' AGL/45' MSL.
Poles, beginning 1002' from DER, 473' right of centerline, up to 33' AGL/46' MSL.
Pole 1155' from DER, 591' right of centerline, 35' AGL/48' MSL.
Antenna 1199' from DER, 605' right of centerline, 38' AGL/50' MSL.

Rwy 21, vehicles on road, buildings, and vegetation beginning 9' from DER, 85' left and 100' right of centerline, up to 8' AGL/33' MSL.
Wind indicator 289' from DER, 248' right of centerline, 21' AGL/38' MSL.
Boats beginning 500' from DER, 500' left of centerline, 80' MSL.

TOK, AK

TOK JUNCTION (6K8) (PFTO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 16FEB06 (06047) (FAA)

TAKEOFF MINIMUMS:

Rwy 7, std. with a min. climb of 280' per NM to 2700, or 1200-3 for climb in visual conditions.

Rwy 25, 300-1½ or std. with a min. climb of 360' per NM to 2300 and 230' per NM to 3600, or 1200-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 7, climb to 8000 via heading 070° and ORT VORTAC R-286 direct ORT VORTAC, or for climb in visual conditions: cross Tok Junction Airport at or above 2700, then continue climbing to 8000 via heading 070° and ORT VORTAC R-286 direct ORT VORTAC.

Rwy 25, climb to 2300 via heading 251°, then climbing right turn to 8000 via heading 060° and ORT VORTAC R-286 direct ORT VORTAC, or for climb in visual conditions: cross Tok Junction Airport at or above 2700, then continue climbing to 8000 via heading 070° and ORT VORTAC R-286 direct ORT VORTAC.

TAKEOFF OBSTACLE NOTES:

Rwy 25, tower 1 NM from DER, 2150' left of centerline, 228' AGL/1863' MSL.

TOKSOOK BAY, AK

TOKSOOK BAY (OOK) (PAOO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 22AUG13 (13234) (FAA)

TAKEOFF MINIMUMS:

Rwy 34, std. w/min. climb of 481' per NM to 1700, or 1600-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 16, climb heading 165° to 1000 before proceeding on course.

Rwy 34, for climb in visual conditions: Cross Toksook Bay Airport at or above 1500' MSL before proceeding on course. When executing VCOA notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 16, multiple lights beginning at DER, 40' left of centerline, up to 4' AGL/51' MSL.
Light 4' from DER, 78' right of centerline 2' AGL/52' MSL.
Lights 50' from DER, 356' right of centerline, 34' AGL/84' MSL.

Rwy 34, multiple lights beginning at DER, 39' left of centerline, up to 3' AGL/74' MSL.
Multiple lights beginning at DER, 39' right of centerline, up to 3' AGL/74' MSL.

UNALAKLEET, AK

UNALAKLEET (UNK) (PAUN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 24MAY18 (18144) (FAA)

DEPARTURE PROCEDURE:

Use UNALAKLEET departure.

UNALASKA, AK

UNALASKA (DUT) (PADU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 21JUL16 (16203) (FAA)

TAKEOFF MINIMUMS:

Rwy 13, 1000-3. NA at night-obstacles.

Rwy 31, 600-2.

DEPARTURE PROCEDURE:

Rwys 13, 31, climb in visual conditions until established on DUT NDB/DME 360° bearing over JADPI/DUT 2 DME (visual conditions must be maintained from TAKEOFF until established over JADPI at or above 400). Cross JADPI at or above 400 then climb on the 360° bearing from DUT NDB/DME to 5500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rapidly rising terrain to above 2000' MSL east, south, and west of airport.

VALDEZ, AK

VALDEZ PIONEER FIELD (VDZ) (PAVD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 09FEB12 (12040) (FAA)

DEPARTURE PROCEDURE:

Rwys 6, 24, use JMAAL DEPARTURE.

VENETIE, AK

VENETIE (VEE) (PAVE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 03APR14 (14093) (FAA)

DEPARTURE PROCEDURE:

Rwy 4, climbing right turn to intercept FYU VORTAC R-299 to FYU VORTAC.

Rwy 22, climbing left turn to intercept FYU VORTAC R-292 to FYU VORTAC.

WAINWRIGHT, AK

WAINWRIGHT (AWI) (PAWI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20JUN19 (19171) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 24, fence 281' from DER, 521' right of centerline, 8' AGL/50' MSL.

Pole, antenna, catenary beginning 1368' from DER, 795' right of centerline, up to 43' AGL/95' MSL.

Tower, antenna beginning 1962' from DER, 895' right of centerline, up to 94' AGL/135' MSL.

WALES, AK

WALES (IWK) (PAIW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

Rwy 18, 400-1½, or std. w/min. climb of 445' per NM to 600.

DEPARTURE PROCEDURE:

Rwy 36, climb on heading 001° to 2000 then turn right heading 187° to intercept the 153° course to TNC NDB/DME.

Rwy 18, climb on heading 181° until crossing TNC NDB/DME bearing 228° then turn left heading 022° to intercept the 048° course to TNC NDB/DME.

TAKEOFF OBSTACLE NOTES:

Rwy 18, tree, 1.1 NM from DER, 2334' left of centerline, 349' MSL.

WASILLA, AK

WASILLA (IYS) (PAWS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2B 20JUN19 (19171) (FAA)

TAKEOFF MINIMUMS:

Rwy 4S, 22S, NA - Environmental

DEPARTURE PROCEDURE:

Rwy 4, climbing left turn direct BGQ VORTAC. Do not exceed 180K until passing BGQ VORTAC, thence...

Rwy 22, climbing right turn direct BGQ VORTAC, thence…

...aircraft departing BGQ VORTAC on radials 161° CW 336° climb on course. All other aircraft climb in holding pattern (hold north, right turn, 175° inbound) to cross BGQ VORTAC at or above appropriate MCA before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees beginning 150' from DER, left and right of centerline, up to 60' AGL/504' MSL.

Rwy 22, trees beginning 9' from DER, left and right of centerline, up to 60' AGL/470' MSL.

WHITE MOUNTAIN, AK

WHITE MOUNTAIN (WMO) (PAWM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 12DEC13 (13346) (FAA)

TAKEOFF MINIMUMS:

Rwy 33, std. w/min. climb of 275' per NM to 1000 or 1000-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 33, climb heading 332° to 800 before turning right or for climb in visual conditions, cross White Mountain airport at or above 1100 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 15, cross 134' from DER, 323' left of centerline, 23' AGL/273' MSL.

Rwy 33, trees beginning 32' from DER, 321' left of centerline, up to 55' AGL/255' MSL.

WILLOW, AK

WILLOW (UUO) (PAUO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 28SEP06 (06271) (FAA)

DEPARTURE PROCEDURE:

Use BIG LAKE DEPARTURE.

WRANGELL, AK

WRANGELL (WRG) (PAWG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 25AUG11 (11237) (FAA)

DEPARTURE PROCEDURE:

Rwys 10, 28, use LEVEL ISLAND DEPARTURE.

YAKUTAT, AK

YAKUTAT (YAK) (PAYA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5A 29MAY14 (14149) (FAA)

DEPARTURE PROCEDURE:

Rwys 2, 11, 20, 29, all aircraft climb to airway MEA for direction of flight direct YAK VOR/DME or OCC NDB, continue climb to MEA via assigned airway.

TAKEOFF OBSTACLE NOTES:

Rwy 2, trees, obstruction light on tacan monitor, tower beginning 372' from DER, 237' left of centerline, up to 89' AGL/114' MSL.

Trees beginning 457' from DER 317' right of centerline up to 74' AGL/99' MSL.

Tree 4347' from DER, 1617' left of centerline, 148' AGL/167' MSL.

Rwy 11, trees beginning 94' from DER, 344' right of centerline, up to 75' AGL/98' MSL.

Trees beginning 121' from DER, 376' left of centerline, up to 63' AGL/86' MSL.

Trees beginning 1658' from DER, 442' left of centerline, up to 92' AGL/115' MSL.

Rwy 20, tree beginning 78' from DER, 364' left of centerline, up to 67' AGL/181' MSL.

Trees beginning 129' from DER, 471' right of centerline, up to 50' AGL/60' MSL.

Trees beginning 1013' from DER, 283' left of centerline, up to 86' AGL/96' MSL.

Trees beginning 1087' from DER, 340' right of centerline, up to 50' AGL/64' MSL.

Trees beginning 3657' from DER, 497' left of centerline, up to 137' AGL/147' MSL.

Trees beginning 4184' from DER, 296' right of centerline, up to 148' AGL/158' MSL.

Rwy 29, tree 50' from DER, 280' left of centerline, 27' AGL/54' MSL.

Tree 122' from DER, 389' right of centerline, 52' AGL/79' MSL.

Tree 1268' from DER, 696' left of centerline, 42' AGL/69' MSL.

Trees beginning 1676' from DER, 729' right of centerline, up to 90' AGL/120' MSL.

Trees 2675' from DER, 860' left of centerline, up to 108' AGL/138' MSL.

Trees beginning 3303' from DER, 1050' right of centerline, up to 123' AGL/153' MSL.

INSTRUMENT APPROACH PROCEDURE CHARTS

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

ADAK ISLAND, AK
ADAK (ADK)……..…**ILS Y or LOC Y Rwy 23**[1]
ILS Z or LOC Z Rwy 23[2]
NDB/DME Rwy 23[3]
RNAV (GPS) Rwy 23[4]
[1]ILS, Categories A, B, C, D, E, 1600-5; LOC, Category A, B, 1500-2; Category C, 1500-3; Category D, 2400-3; Category E, 2500-3.
[2]LOC, Category C, 1100-3; Category D, 2400-3; Category E, 2500-3.
[3]Categories A, B, 1600-2; Categories C, D, 1600-3.
[4]Categories A, B, C, 1300-3; Category D, 1600-3.

AKHIOK, AK
AKHIOK (AKK)……**RNAV (GPS)-A**
NA when local weather not available.

AKUTAN, AK
ATUKAN (7AK)……...……**RNAV (GPS)-A**[12]
RNAV (GPS) Rwy 9[2]
RNAV (GPS) Rwy 27[3]
[1]NA when local weather not available.
[2]Category A, 900-2; Category B, 1100-2; Category C, 1500-3; Category D, 1900-3.
[3]Category A, 1100-2; Category B, 1100-2; Category C, 1500-3; Category D, 1900-3.

ALLEN AAF
DELTA JUNCTION/
FORT GREELY, AK……...**Orig B 08325**
ILS or LOC/DME Rwy 10
NA when control tower closed.

AMBLER, AK
AMBLER (AFM)……..…**RNAV (GPS) Rwy 1**
Category D, 800-2¼.

ANAKTUVUK PASS, AK
ANAKTUVUK PASS (AKP)……...**RNAV (GPS)-A**
Categories A, B, 3600-2; Categories C, D, 4200-3.

ANCHORAGE, AK
TED STEVENS ANCHORAGE
INTL (ANC)...…….....**ILS or LOC Rwy 7L**[12]
ILS or LOC Rwy 7R[12]
RNAV (GPS) Rwy 7L[34]
RNAV (GPS) Rwy 15[4]
RNAV (GPS) Y Rwy 7R[34]
[1]LOC, NA when local weather not available.
[2]LOC, Category D, 800-2½; Category E, 800-2¾;
[3]NA when local weather not available.
[4]Category D, 800-2½.

ANIAK, AK
ANIAK (ANI)……...…..**ILS or LOC Rwy 11**[12]
RNAV (GPS) Rwy 11[34]
RNAV (GPS) Rwy 29[35]
[1]LOC, NA when local weather not available.
[2]LOC, Category C, 800-2¼; Category D, 1200-3.
[3]NA when local weather not available.
[4]Categories A, B, C, 900-4; Category D, 1200-4.
[5]Category C, 800-2¼; Category D, 1200-3.

ANVIK, AK
ANVIK (ANV)……**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

ATKA, AK
ATKA (AKA)……..……...**RNAV (GPS)-A**
Categories A, B, 1300-2; Category C, 1300-3.
NA when local weather not available.

ATQASUK, AK
ATQASUK EDWARD BURNELL SR
MEMORIAL (ATK)……..…**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24
NA when local weather not available.

BARROW, AK
WILEY POST-WILL ROGERS
MEMORIAL (BRW)……**ILS or LOC Rwy 7**[1]
LOC BC Rwy 25
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25
VOR Rwy 25
NA when local weather not available.
[1]Category D, 700-2.

NAME — ALTERNATE MINIMUMS

BETHEL, AK
BETHEL (BET)……**ILS Y or LOC Y Rwy 19R[1]**
ILS Z or LOC Z Rwy 19R[1]
RNAV (GPS) Rwy 1R
VOR Rwy 1L
NA when local weather not available.
[1]NA when control tower closed.

BETTLES, AK
BETTLES (BTT)……..**RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20
VOR Rwy 2
Category D, 800-2¼.

BREVIG MISSION, AK
BREVIG
MISSION (KTS)……..**RNAV (GPS) Rwy 30**
Category A, 1100-4; Category B, 1500-4;
Category C, 1800-4.

BUCKLAND, AK
BUCKLAND (BVK)……**RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 29
NA when local weather not available.

CHEVAK, AK
CHEVAK (VAK)…… **RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20
NA when local weather not available.

COLD BAY, AK
COLD BAY (CDB)……..**ILS or LOC Rwy 15[1]**
LOC BC Rwy 33[2]
RNAV (GPS) Rwy 15[2]
RNAV (GPS) Rwy 26[2]
RNAV (GPS) Rwy 33[2]
VOR Rwy 15[2]
[1]LOC, Category D, 800-2½.
[2]Category D, 800-2½.

CORDOVA, AK
MERLE K (MUDHOLE)
SMITH (CDV)……..**ILS or LOC Rwy 27**
RNAV (GPS) Rwy 27
NA when local weather not available.

DEADHORSE, AK
DEADHORSE (SCC)……**ILS or LOC Rwy 6**
LOC BC Rwy 24
RNAV (GPS) Z Rwy 6
NA when local weather not available.

DEERING, AK
DEERING (DEE)…….. **RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 21
RNAV (GPS) Rwy 30
Category B, 900-2; Category C, 900-2¼.

NAME — ALTERNATE MINIMUMS

DILLINGHAM, AK
DILLINGHAM (DLG)…….. **LOC Rwy 19[1]**
RNAV (GPS) Rwy 1[1]
RNAV (GPS) Rwy 19[1]
VOR Rwy 1
Category D, 800-2¼.
[1]NA when local weather not available.

EAGLE, AK
EAGLE (EAA)…….. .**RNAV (GPS)-A**
NA when local weather not available.
Categories A, B, 1900-2; Category C, 1900-3.

EMMONAK, AK
EMMONAK (ENM)……..**RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
VOR Rwy 16
NA when local weather not available.

FAIRBANKS, AK
FAIRBANKS
INTL (FAI)…….....**ILS or LOC Rwy 2L[1]**
ILS or LOC Rwy 20R[1]
VOR or TACAN Rwy 20R[2]
[1]LOC, Category E, 800-2¼.
[2]Category E, 800-2¼.

GAMBELL, AK
GAMBELL (GAM)……**NDB/DME Rwy 34[1]**
NDB Rwy 16[2]
RNAV (GPS) Rwy 16[34]
RNAV (GPS) Rwy 34[45]
[1]Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2¾.
[2]Categories A, B, 1000-2; Categories C, D, 1000-3.
[3]Categories C, D, 900-2½.
[4]NA when local weather not available.
[5]Categories A, B, 1000-2; Category C,
1000-2¾; Category D, 1000-3.

GOLOVIN, AK
GOLOVIN (GLV)……..…**RNAV (GPS) Rwy 3**
RNAV (GPS)-A
Category D, 1000-3

GUSTAVUS, AK
GUSTAVUS (GST)…….**RNAV (GPS) Rwy 29[12]**
VOR/DME Rwy 29[3]
[1]Category C, 1000-2¾; Category D, 1200-3.
[2]NA when local weather not available.
[3]Categories A, B, 1300-2; Categories C, D, 1300-3.

HOLY CROSS, AK
HOLY CROSS (HCA)…….**RNAV (GPS) Rwy 1[1]**
RNAV (GPS) Rwy 19[2]
NA when local weather not available.
[1]Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2¾.
[2]Categories A, B, 1000-2; Category C, 1000-2¾;
Category D, 1000-3.

NAME ALTERNATE MINIMUMS

HOMER, AK
HOMER (HOM)…….....……**LOC Rwy 4**
LOC BC Rwy 22
RNAV (GPS) Y Rwy 4
RNAV (GPS) Y Rwy 22
Category D, 800-2¼.

HOOPER BAY, AK
HOOPER BAY (HPB)…….....**VOR/DME Rwy 31**
NA when local weather not available.

IGIUGIG, AK
IGIUGIG (IGG)……..……**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
NA when local weather not available.

ILIAMNA, AK
ILIAMNA (ILI)…….....……**NDB Rwy 36**
RNAV (GPS) Rwy 8
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 26
RNAV (GPS) Rwy 36
Category D, 1600-3

JUNEAU, AK
JUNEAU INTL (JNU) ……..**LDA X Rwy 8**
Day, All Categories, 3200-5; Night Category A, 3200-5; Categories B, C, D, 3200-10.

KAKE, AK
KAKE (AFE)…..……**NDB/DME Rwy 11**[1]
RNAV (GPS) Rwy 11[2]
NA when local weather not available.
[1]Categories A, B, 1000-2; Category C, 1000-2¾.
[2]Categories A, B, 1000-2; Category C, 1000-3.

KALSKAG, AK
KALSKAG (KLG)……**RNAV (GPS)-A**
RNAV (GPS) Rwy 6
NA when local weather not available.

KALTAG, AK
KALTAG (KAL)……..**RNAV (GPS) Rwy 3**[1]
RNAV (GPS) Rwy 21[2]
[1]Category A, 1100-2; Categories B, C, 1100-3.
[2]Category C, 800-2¼.

KENAI, AK
KENAI
MUNI (ENA)…….....**ILS Y or LOC Y Rwy 20R**[1]
RNAV (GPS) Rwy 2L[2]
RNAV (GPS) Rwy 20R[2]
VOR Rwy 2L[2]
VOR Rwy 20R[2]
[1]LOC, Category E, 800-2¼;
[2]NA when local weather not available.

NAME ALTERNATE MINIMUMS

KETCHIKAN, AK
KETCHIKAN
INTL (KTN)……..……**ILS Y or LOC Y Rwy 11**[1]
ILS Z or LOC Z Rwy 11[1]
LOC X Rwy 11[2]
RNAV (GPS)-B[3]
[1]LOC, Categories C, D, 800-2½.
[2]Category A, 2100-2; Category B, 2600-2; Category C, 3000-3; Category D, 3300-3.
[3]Category A, 1900-2; Category B, 2600-2; Categories C, D, 2800-3.

KING COVE, AK
KING COVE (KVC)……**RNAV (GPS)-A**
Category A, 2000-6; Category B, 2100-6.

KING SALMON, AK
KING SALMON (AKN)…..…..**ILS or LOC Rwy 12**[12]
LOC/DME BC Rwy 30[124]
RNAV (GPS) Rwy 12[3]
RNAV (GPS) Rwy 30[3]
VOR/DME or TACAN Rwy 30[3]
VOR or TACAN Rwy 12[3]
[1]NA when local weather not available.
[2]NA when control tower closed.
[3]Category E, 800-2¼.
[4]Category E, 900-2¾.

KIPNUK, AK
KIPNUK (IIK)...…….....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

KIVALINA, AK
KIVALINA (KVL)...……**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30
NA when local weather not available.

KLAWOCK, AK
KLAWOCK (AKW)……**NDB/DME Rwy 2**[1]
RNAV (GPS) Rwy 20[23]
RNAV (GPS) Y Rwy 2[24]
[1]Categories A, B, 1100-2; Category C, 1100-3.
[2]NA when local weather not available.
[3]Categories A, B, 2400-2.
[4]Categories A, B, 1200-2, Category C, 1300-3.

KODIAK, AK
KODIAK (ADQ).,……**ILS Y or LOC Y Rwy 26**[1]
RNAV (GPS) Rwy 26[2]
VOR Rwy 26[3]
[1]ILS, Categories A, B, C, 700-3; Category D, 800-3; LOC, Categories A, B, 800-2½; Categories C, D, 1100-3.
[2]Categories A, B, 900-2; Category C, 1000-2½; Category D, 2000-3.
[3]Category C, 1100-3.

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ALTERNATE MINS
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20310
M3

NAME ALTERNATE MINIMUMS

KOLIGANEK, AK
KOLIGANEK (JZZ)....**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NA when local weather not available.

KOTZEBUE, AK
RALPH WIEN
MEMORIAL (OTZ)....**ILS or LOC Rwy 9[1]**
RNAV (GPS) Rwy 9[2]
RNAV (GPS) Rwy 27[2]
VOR Rwy 9[2]
VOR Rwy 27[2]
[1]LOC, Category D, 800-2¼.
[2]Category D, 800-2¼.

KOYUK, AK
KOYUK ALFRED
ADAMS (KKA)....**NDB Rwy 1[1]**
RNAV (GPS) Rwy 1[2]
[1]Categories A, B, 900-2; Category C, 900-2¾.
[2]Category C, 800-2¼.

LADD AAF (PAFB)
FAIRBANKS/
FORT WAINWRIGHT, AK....**NDB A[1]**
RNAV (GPS) Rwy 25[2]
[1]Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1000-3.
[2]Category D, 800-2¼.

MANOKOTAK, AK
MANOKOTAK (MBA)....**RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21
NA when local weather not available.

MARSHALL, AK
MARSHALL DON
HUNTER SR (MDM)....**RNAV (GPS) Rwy 7[1]**
RNAV (GPS)-A[2]
NA when local weather not available.
[1]Categories A, B, 1000-2.
[2]Category B, 900-2.

MC GRATH, AK
MC GRATH (MCG)....**LOC/DME Rwy 16**
RNAV (GPS) Rwy 16
VOR/DME-C
Category D, 900-2¾.

MEKORYUK, AK
MEKORYUK (MYU)....**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

MINCHUMINA, AK
MINCHUMINA (MHM)....**NDB Rwy 3[1]**
RNAV (GPS) Rwy 3[2]
RNAV (GPS) Rwy 21[3]
[1]Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1000-3.
[2]Category D, 800-2¼.
[3]Category C, 800-2¼; Category D, 800-2½.

NENANA, AK
NENANA MUNI (ENN)....**NDB Rwy 4L**
RNAV (GPS) Rwy 4L
NA when local weather not available.

NEW STUYAHOK, AK
NEW
STUYAHOK (KNW)....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
NA when local weather not available.

NOATAK, AK
NOATAK (WTK)....**RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19
Category D, 800-2¼.

NOME, AK
NOME (OME)....**ILS Z or LOC Z Rwy 28[1]**
VOR Rwy 28[2]
[1]ILS, Category D, 700-2.
[2]Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1000-3.

NUIQSUT, AK
NUIQSUT (AQT)....**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
NA when local weather not available.

PALMER, AK
WARREN "BUD" WOODS PALMER
MUNI (PAQ)....**RNAV (GPS) Rwy 10**
RNAV (GPS)-A
Categories C, D, 1100-3.

PETERSBURG, AK
PETERSBURG JAMES
A JOHNSON (PSG)....**LDA/DME-D[1]**
RNAV (GPS)-B[2]
NA when local weather not available.
[1]Category A, 1700-5; Category B, 1800-5; Category C, 3000-5.
[2]Categories A, B, 2400-2; Category C, 3000-3.

PILOT POINT, AK
PILOT POINT (PNP)....**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
NA when local weather not available.

PLATINUM, AK
PLATINUM (PTU)....**RNAV (GPS) Rwy 14**
NA when local weather not available.

NAME ALTERNATE MINIMUMS

PORT HEIDEN, AK
PORT HEIDEN (PTH)……..**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 14
NA when local weather not available.

QUINHAGAK, AK
QUINHAGAK (AQH)……**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30
NA when local weather not available.

RUBY, AK
RUBY (RBY) ……**RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21
NA when local weather not available.

RUSSIAN MISSION, AK
RUSSIAN
MISSION (RSH)……..**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
Category C, 1100-3; Category D, 1400-3.

SAND POINT, AK
SAND POINT (SDP)……**NDB Rwy 14[1]**
NDB Rwy 32[2]
RNAV (GPS) Rwy 14[2]
RNAV (GPS) Rwy 32[3]
[1]Categories A, B, 1900-2; Category C, 1900-3; Category D, 2200-3.
[2]Categories A, B, 900-2; Category C, 1500-3; Category D, 2200-3.
[3]Category C, 1500-3; Category D, 2200-3.

SAVOONGA, AK
SAVOONGA (SVA)……**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
VOR Rwy 23
VOR/DME Rwy 23
NA when local weather not available.

SCAMMON BAY, AK
SCAMMON BAY (SCM)……**RNAV (GPS) Rwy 10[1]**
RNAV (GPS) Rwy 28[1]
RNAV (GPS)-B[2]
NA when local weather not available.
[1]Categories A, B, 1100-2.
[2]Categories A, B, 800-2¼.

SEWARD, AK
SEWARD (SWD)……**RNAV (GPS)-A**
Categories A, B, 2700-2.

SHAGELUK, AK
SHAGELUK (SHX)……..……**RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
NA when local weather not available.
Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

SHAKTOOLIK, AK
SHAKTOOLIK (2C7)……**RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33
NA when local weather not available.
Category D, 800-2¼.

SHUNGNAK, AK
SHUNGNAK (SHG)……**RNAV (GPS) Rwy 10**
RNAV (GPS) Rwy 28
NA when local weather not available.

SITKA, AK
SITKA ROCKY
GUTIERREZ (SIT)……..**LOC/DME Rwy 11[1]**
RNAV (GPS) Rwy 11[23]
VOR/DME-A[4]
[1]Category D, 1800-3.
[2]Category A, 1300-1¼; Category B, 1300-1½; Category C, 1300-3; Category D, 1700-3.
[3]NA when local weather not available.
[4]Categories A, B, C, 800-2¼; Category D,1800-3.

SOLDOTNA, AK
SOLDOTNA (SXQ)……...**NDB Rwy 7[1]**
NDB Rwy 25[1]
RNAV (GPS) Rwy 7[2]
RNAV (GPS) Rwy 25[2]
VOR-A[3]
NA when local weather not available.
[1]Category C, 800-2½; Category D, 900-2¾.
[2]Category D, 900-2¾.
[3]Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1000-3.

SOUTH NAKNEK, AK
SOUTH NAKNEK
NR 2 (WSN)……**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31
NA when local weather not available

ST. GEORGE, AK
ST. GEORGE (PBV)……....**ILS or LOC RWY 11[1]**
RNAV (GPS) RWY 11[2]
RNAV (GPS)-D[2]
[1]ILS, Category A, 800-2; Category B, 900-2; Category C, 900-2½; LOC, Category B, 900-2; Category C 900-2½.
[2]Category B, 900-2; Category C, 900-2½.

ST. MARY'S, AK
ST. MARY'S (KSM)……**LOC/DME Rwy 17**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
NA when local weather not available.

ST. MICHAEL, AK
ST. MICHAEL (SMK)……...**RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20
NA when local weather not available.

NAME ALTERNATE MINIMUMS

ST. PAUL ISLAND, AK
ST. PAUL
ISLAND (SNP)…….....……**ILS or LOC Rwy 36**[1]
LOC/DME BC Rwy 18[2]
RNAV (GPS) Rwy 18[2]
RNAV (GPS) Rwy 36[3]
[1]LOC, Category D, 800-2¼.
[2]Category D, 800-2¼.
[3]Category C, 800-2¼; Category D, 800-2½.

TALKEETNA, AK
TALKEETNA (TKA)……**NDB Rwy 1**[1]
RNAV (GPS) Rwy 1[23]
RNAV (GPS) Rwy 19[23]
VOR Rwy 1[3]
VOR-A[2]
[1]Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1000-3.
[2]Category D, 900-2¾.
[3]NA when local weather not available.

TANANA, AK
RALPH M CALHOUN
MEMORIAL (TAL)……**RNAV (GPS) Rwy 7**
NA when local weather not available.

TELLER, AK
TELLER (TER)……..…**RNAV (GPS) Rwy 8**[1]
RNAV (GPS) Rwy 26[2]
NA when local weather not available.
[1]Category C, 800-2¼.
[2]Category C, 800-2¾.

TOGIAK VILLAGE, AK
TOGIAK (TOG)……..….....**RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy21
Category D, 800-2½.

TOKSOOK BAY, AK
TOKSOOK BAY (OOK)……**RNAV (GPS) Rwy 34**
NA when local weather not available.

UNALAKLEET, AK
UNALAKLEET (UNK)……...….....**LOC Rwy 15**
RNAV (GPS) Rwy 33
RNAV (GPS)-A
Category D, 900-2¾.

UNALASKA, AK
UNALASKA (DUT)…..……..……**NDB-A**[1]
RNAV (GPS)-B[2]
NA when local weather not available.
[1]Categories A, B, 2900-2; Categories C, D, 2900-3.
[2]Categories A, B, 2000-3; Category C, 2300-3, Category D, 2500-3.

VALDEZ, AK
VALDEZ PIONEER
FIELD (VDZ)…….....……**LDA-H**
Categories A, B, C, D, 4400-5.

NAME ALTERNATE MINIMUMS

WALES, AK
WALES (IWK)……**RNAV (GPS) Rwy 36**
Categories A, B, 900-2; Category C, 900-2¾; Category D, 900-3.

WASILLA, AK
WASILLA (IYS)…..……**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
NA when local weather not available.

WHITE MOUNTAIN, AK
WHITE
MOUNTAIN (WMO)….……**RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33
NA when local weather not available.

WRANGELL, AK
WRANGELL (WRG)…..……..**LDA-C**[1]
LDA-D[2]
RNAV (GPS) Rwy 10[3]
[1]Categories A, B, 1600-3; Category C, 2500-3.
[2]Category D, 3300-3.
[3]Categories A, B, 2100-2½, Category C, 2500-3.

YAKUTAT, AK
YAKUTAT (YAK)….……**ILS or LOC/DME Rwy 11**[1]
LOC/DME BC Rwy 29[2]
RNAV (GPS) Rwy 2[2]
RNAV (GPS) Rwy 11[2]
RNAV (GPS) Rwy 29[2]
VOR/DME Rwy 29[2]
[1]ILS, Category D, 700-2¼.
LOC, Category D, 800-2¼.
[2]Category D, 800-2¼.

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RADAR INSTRUMENT APPROACH MINIMUMS

ELMENDORF AFB (PAED), AK (Anchorage) (Amdt 1, 17341 USAF) ELEV 213

ANCHORAGE APP CON - 118.6 290.5 T

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR[1 2 3 4]	6	3.0°/55/1094	ABCDE	**374**/18	200	(200-½)

[1] PAR opr hr available by NOTAM.
[2] Maintenance Period daily 1300-1500Z++, Wednesday 0800-1500Z++.
[3] When ALS inoperative, increase RVR to 40 and vis to ¾ for all categories.
[4] VGSI and PAR glidepath not coincident. (VGSI Angle 3.00/TCH 77)

LADD AAF, AK ELEV 449

FAIRBANKS/FORT WAINWRIGHT (Amdt 10, 19339)

RADAR 1(D) **- FAIRBANKS APP CON** - 127.1 251.1 125.35 363.2 **(E)** T A NA

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR (A) (E)	25	3.0°/60/1150	ABCDE	**648**-½	200	(200-½)
PAR W/O GS (B) (E)	25		AB	**940**-½	491	(500-½)
			CDE	**940**-1	491	(500-1)
CIR (C)			A	**940**-1	491	(500-1)
			B	**1040**-1	591	(600-1)
			C	**1080**-1¾	631	(700-1¾)
			D	**1160**-2¼	711	(800-2¼)
			E	**1160**-2½	711	(800-2½)

(A) When ALS inop, increase CAT E vis to ¾ mile.
(B) When ALS inop, increase CAT CDE vis to 1⅜ miles.
(C) Circling not authorized N of Rwy 7-25.
(D) Procedure NA when control tower closed.
(E) VGSI and PAR glidepath not coincident. (VGSI Angle 3.30/TCH 61).

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LADD AAF, AK ELEV 449

FAIRBANKS/FORT WAINWRIGHT (Amdt 2, 19339)

RADAR 2(B) - **FAIRBANKS APP CON** - 127.1 251.1 125.35 363.2 **(E)**

T A NA

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR (C)	25		AB	**1100**-½	651	(700-½)
			CDE	**1100**-1⅜	651	(700-1⅜)
CIR (A)			AB	**1100**-1	651	(700-1)
			C	**1100**-1⅞	651	(700-1⅞)
			D	**1160**-2¼	711	(800-2¼)
			E	**1160**-2½	711	(800-2½)

(A) Circling not authorized N of Rwy 7-25.
(B) Procedure NA when control tower closed.
(C) When ALS inop, increase CAT E vis to 1⅞ miles.

RADAR INSTRUMENT APPROACH MINIMUMS

RADAR MINS
19339

N1

14261

LAND AND HOLD-SHORT OPERATIONS (LAHSO)

THERE ARE NO LAND AND HOLD SHORT OPERATIONS (LAHSO) FOR ALASKA

AK, 05 NOV 2020 to 31 DEC 2020

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14261

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*
ANCHORAGE, AK		
TED STEVENS ANCHORAGE INTL (ANC) (PANC)	HS 1	Confusing int in close proximity of Rwy 07L-25R.
	HS 2	Acft taxiing to Twy K via Twy E and Twy F may confuse hold short instructions for Rwys 07R-25L and 07L-25R. Twy D signage may not be vis from Twy E and Twy F hold positions.
ELMENDORF AFB (EDF) (PAED)	HS 1	Int of Rwy 06-24 and Rwy 16-34 is high rwy incursion location; possibility of unauthorized vehicular traffic.
	HS 2	Int of Rwy 06-24 and Twy D is high rwy incursion location; possibility of unauthorized vehicular traffic.
	HS 3	Int of Rwy 06-24 and Twy F is high rwy incursion location; possibility of unauthorized vehicular traffic.
	HS 4	Int of Rwy 16-34 and Twy M is high rwy incursion location; possibility of unauthorized vehicular traffic.
BETHEL, AK		
BETHEL (BET)	HS 1	Rwy 01L and Rwy 30.
FAIRBANKS, AK		
FAIRBANKS INTL (FAI)	HS 1	Twy B, Twy T, and Twy U.
KENAI, AK		
KENAI MUNI (ENA) (PAEN)	HS 1	Twy E, Twy A, and Twy J.
	HS 2	Twy A, Twy F, Twy G, and Twy H complex int.

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

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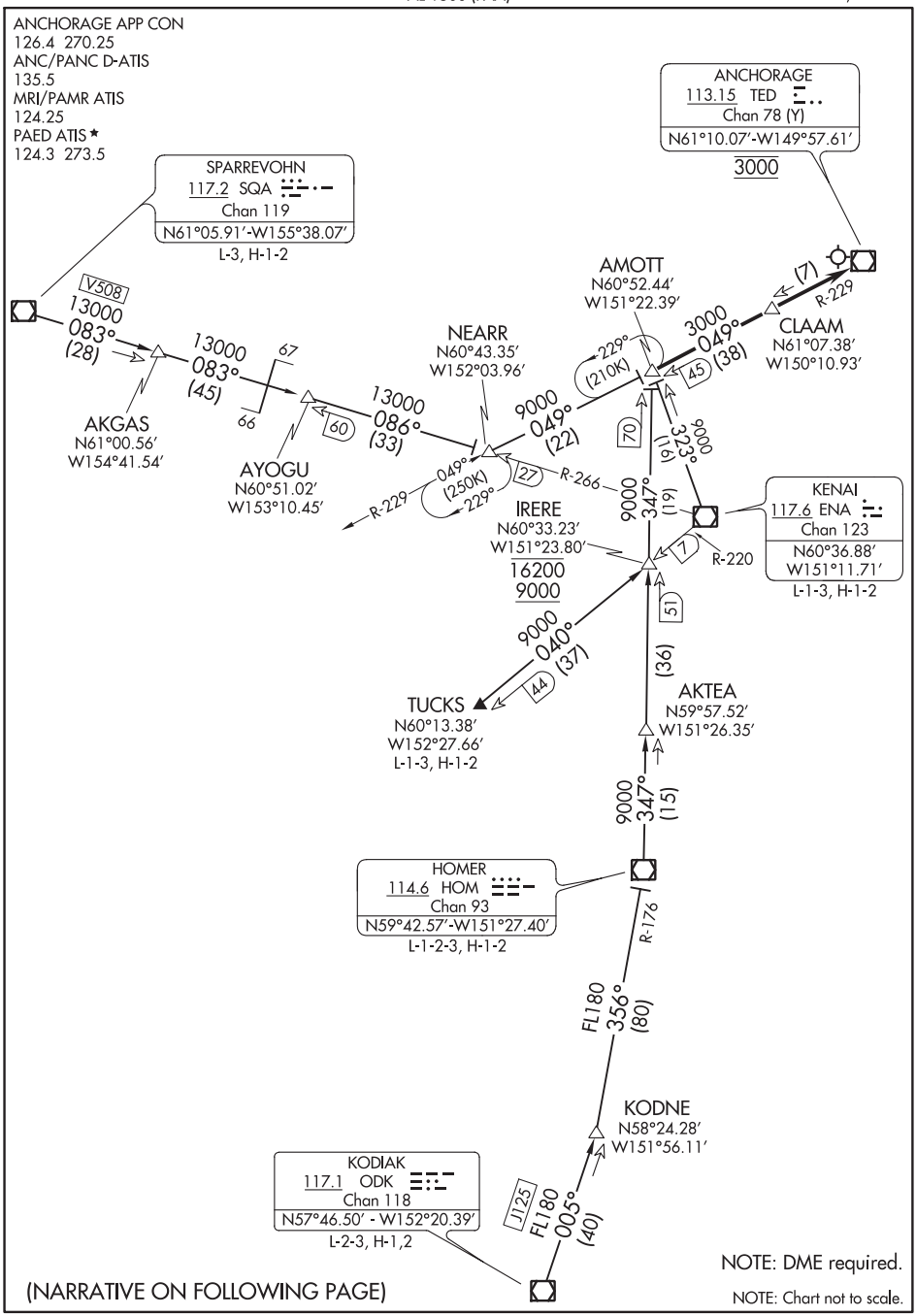
(AMOTT.AMOTT4) 20198

AMOTT FOUR ARRIVAL

TED STEVENS ANCHORAGE INTL (ANC)(PANC)
AL-1500 (FAA)
ANCHORAGE, ALASKA



(NARRATIVE ON FOLLOWING PAGE)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AMOTT FOUR ARRIVAL

(AMOTT.AMOTT4) 29MAR18

ANCHORAGE, ALASKA
TED STEVENS ANCHORAGE INTL (ANC)(PANC)

ARRIVAL ROUTE DESCRIPTION

HOMER TRANSITION (HOM.AMOTT4): From over HOM VOR/DME on HOM R-347 to AMOTT. Thence. . . .

KENAI TRANSITION (ENA.AMOTT4): From over ENA VOR/DME on ENA R-323 to AMOTT. Thence. . . .

KODIAK TRANSITION (ODK.AMOTT4): From over ODK VOR/DME on ODK R-005 to KODNE, then on HOM R-176 to HOM VOR/DME, then on HOM R-347 to AMOTT. Thence. . . .

SPARREVOHN TRANSITION (SQA.AMOTT4): From over SQA VOR/DME on SQA R-083 to AKGAS, then on SQA R-083 and ENA R-266 to AYOGU, then on ENA R-266 to NEARR, then on TED R-229 to AMOTT. Thence. . . .

TUCKS TRANSITION (TUCKS.AMOTT4): From over TUCKS on ENA R-220 to IRERE, then on HOM R-347 to AMOTT. Thence. . . .

. . . .from over AMOTT on TED R-229 to cross TED VOR/DME at 3000.
Expect RADAR vectors to final approach course after AMOTT.

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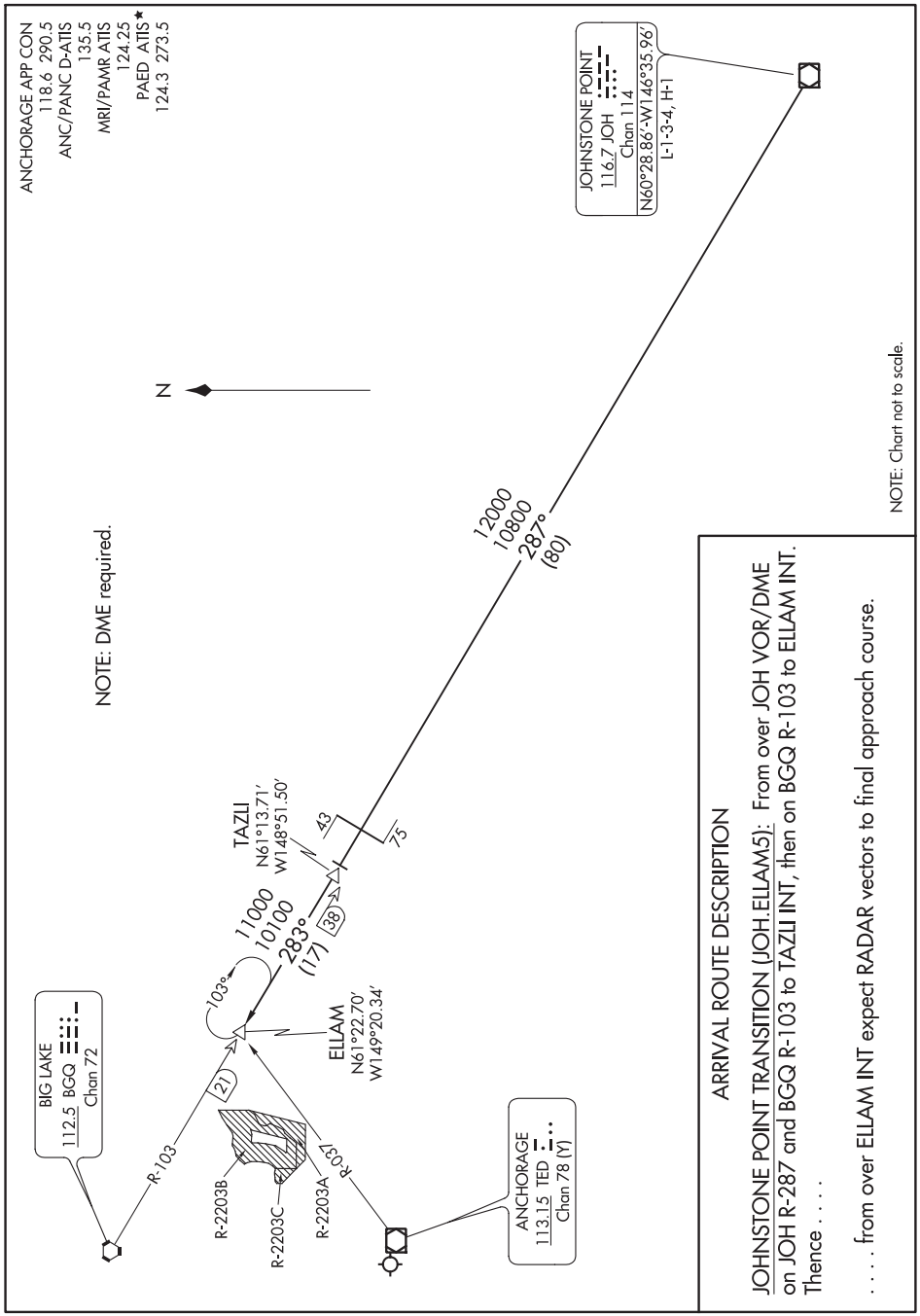
(ELLAM.ELLAM5) 20198

ELLAM FIVE ARRIVAL

TED STEVENS ANCHORAGE INTL (ANC)(PANC)
AL-1500 (FAA)
ANCHORAGE, ALASKA



ARRIVAL ROUTE DESCRIPTION

JOHNSTONE POINT TRANSITION (JOH.ELLAM5): From over JOH VOR/DME on JOH R-287 and BGQ R-103 to TAZLI INT, then on BGQ R-103 to ELLAM INT. Thence . . . .

. . . . from over ELLAM INT expect RADAR vectors to final approach course.

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ELLAM FIVE ARRIVAL

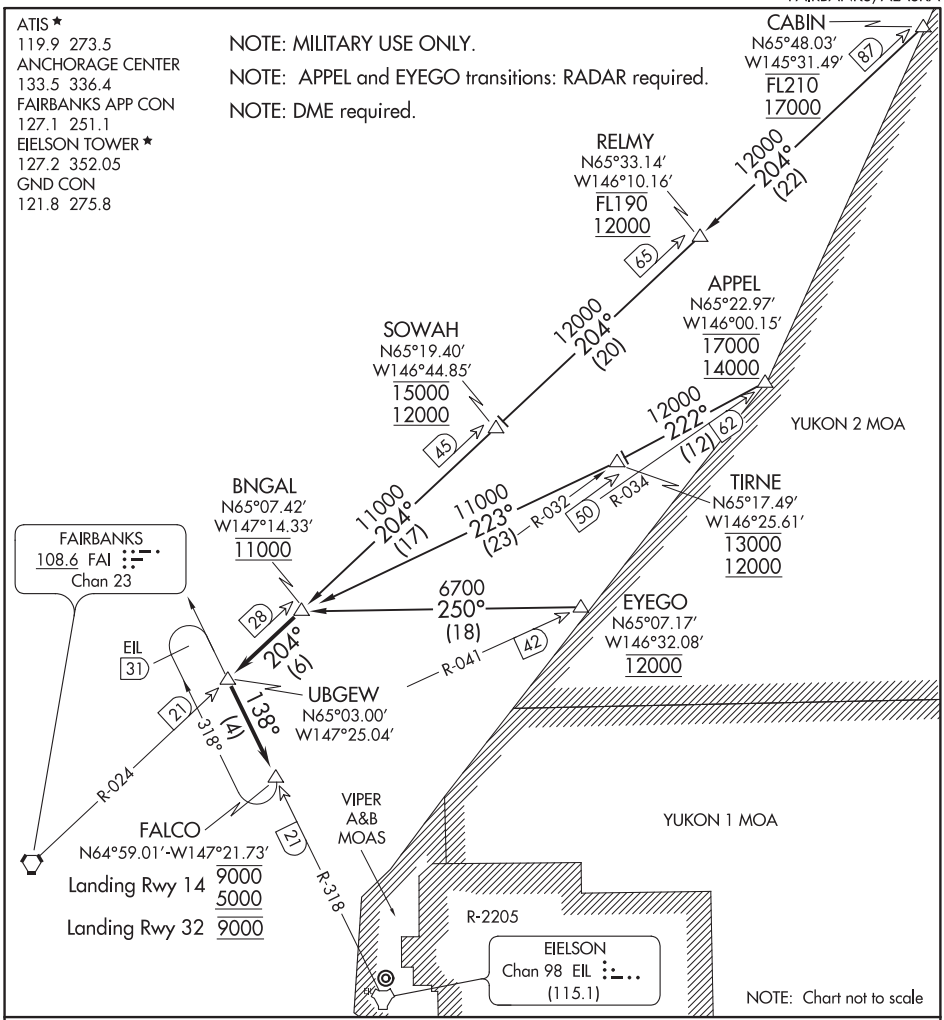
(ELLAM.ELLAM5) 15OCT15

ANCHORAGE, ALASKA
TED STEVENS ANCHORAGE INTL (ANC)(PANC)

FALCO FIVE ARRIVAL

AL-1729 (FAA)

EIELSON AFB (PAEI)
FAIRBANKS, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

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ARRIVAL ROUTE DESCRIPTION

APPEL TRANSITION (APPEL.FALCO5): From over APPEL/FAI 62 DME via heading 222° to TIRNE/FAI 50 DME then via heading 223° to BNGAL/FAI 28 DME. Thence. . . .

CABIN TRANSITION (CABIN.FALCO5): From over CABIN/FAI 87 DME via FAI R-024 to BNGAL/FAI 28 DME. Thence. . . .

EYEGO TRANSITION (EYEGO.FALCO5): From over EYEGO/FAI 42 DME via heading 250° to BNGAL/FAI 28 DME. Thence. . . .

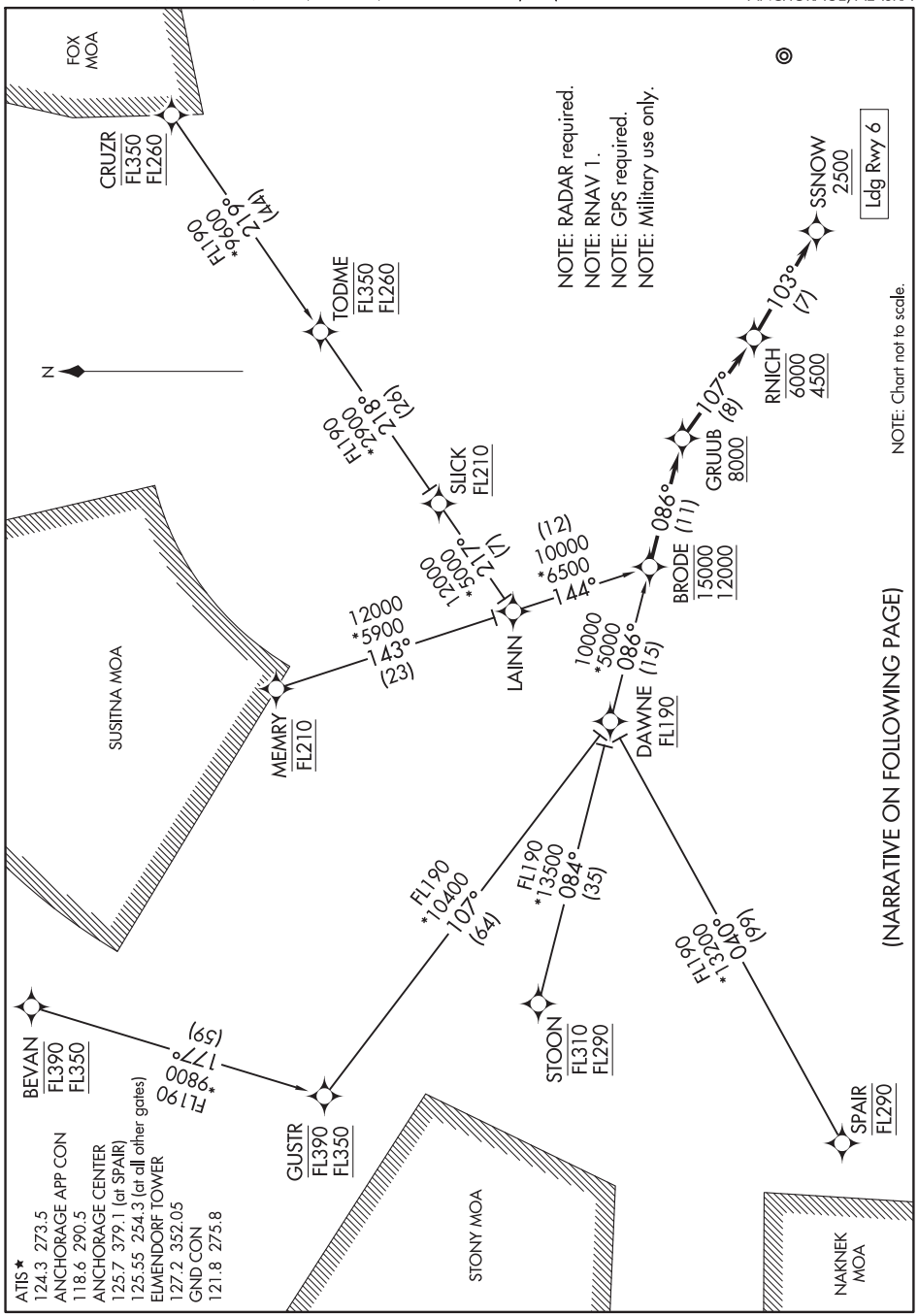
. . . .via FAI R-024 to UBGEW/FAI 21 DME and EIL R-318 to FALCO/EIL 21 DME. Expect IFR or VFR recovery clearance at BNGAL. Landing Rwy 14 cross FALCO at or below 9000 and at or above 5000. Landing Rwy 32 cross FALCO at 9000.

(BRODE.GRUUB1) 19115

GRUUB ONE ARRIVAL (RNAV)

AL-1196 (FAA)

ELMENDORF AFB (PAED)
ANCHORAGE, ALASKA



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ARRIVAL ROUTE DESCRIPTION

BEVAN TRANSITION (BEVAN.GRUUB1)

CRUZR TRANSTION (CRUZR.GRUUB1)

GUSTR TRANSITION (GUSTR.GRUUB1)

MEMRY TRANSITION (MEMRY.GRUUB1)

SPAIR TRANSITION (SPAIR.GRUUB1)

STOON TRANSITION (STOON.GRUUB1)

From BRODE on track 086° to cross GRUUB at or above 8000.

LANDING RUNWAY 6: From GRUUB on track 107° to cross RNICH between 4500 and 6000, then on track 103° to cross SSNOW at or above 2500. Expect ILS Z or LOC/DME RWY 6 approach.

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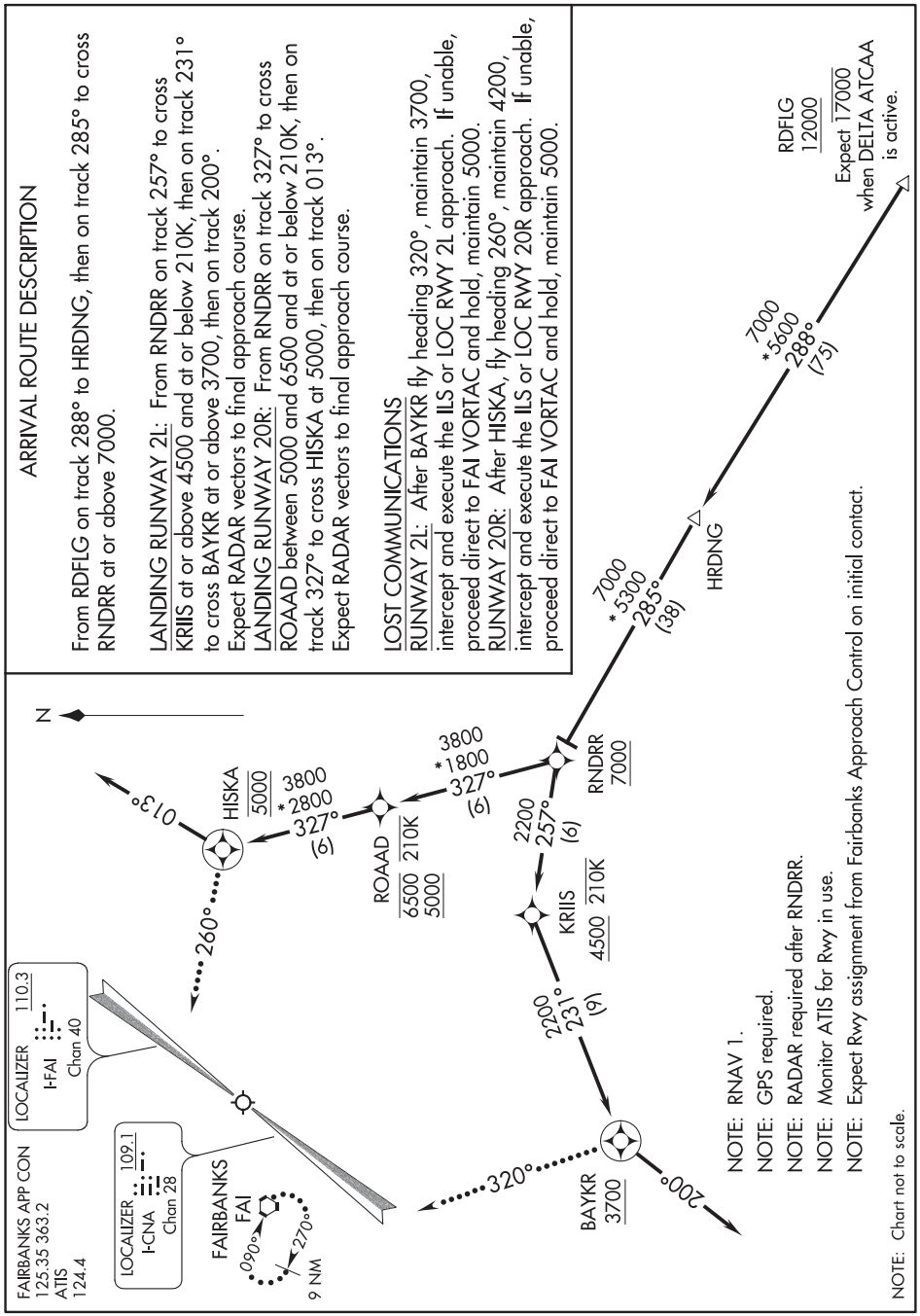
(RDFLG.HRDNG2) 17341

HRDNG TWO ARRIVAL (RNAV)

AL-1234 (FAA)

FAIRBANKS INTL (FAI)(PAFA)
FAIRBANKS, ALASKA



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AK, 05 NOV 2020 to 31 DEC 2020

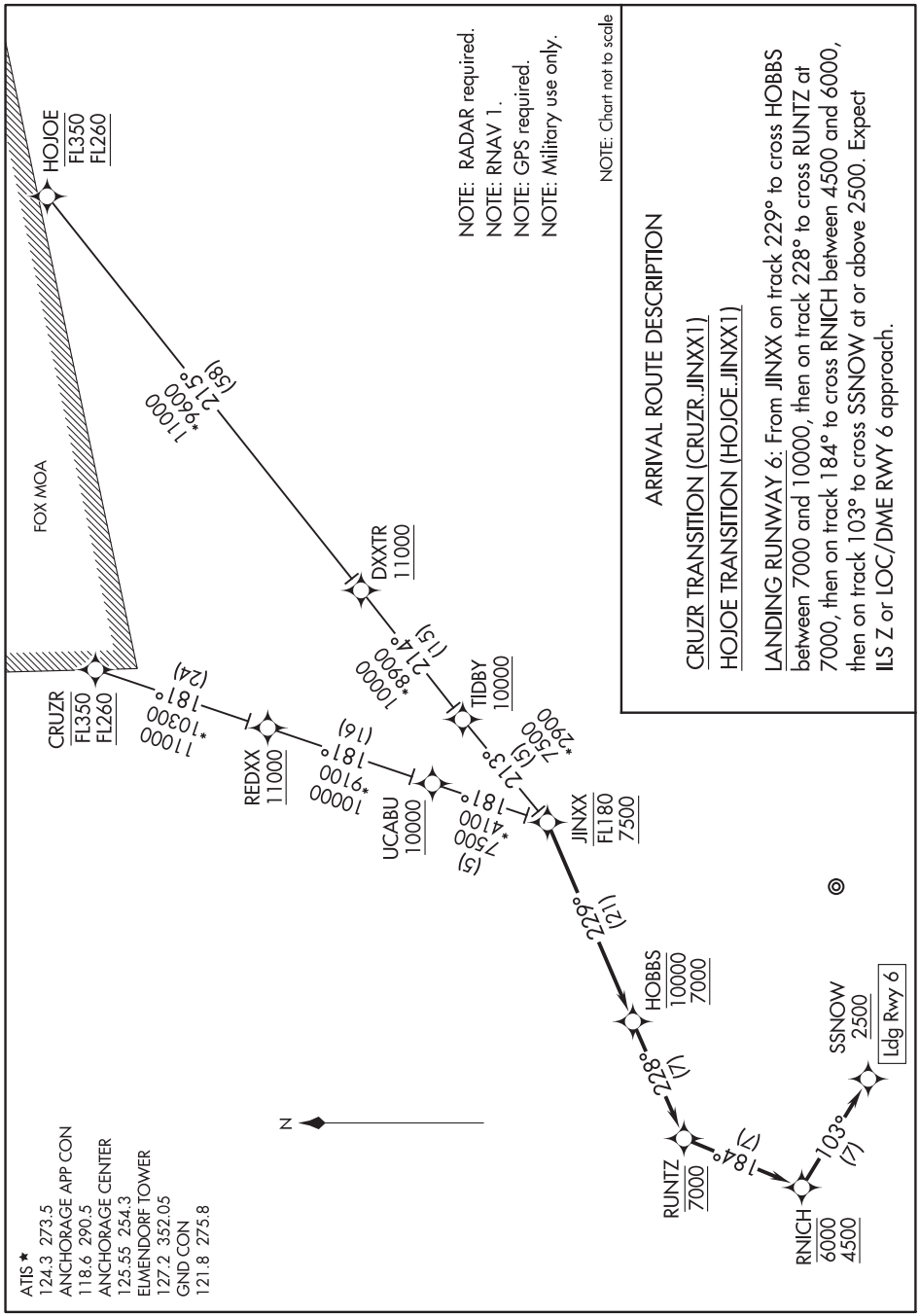
HRDNG TWO ARRIVAL (RNAV)

(RDFLG.HRDNG2) 10DEC15

FAIRBANKS, ALASKA
FAIRBANKS INTL (FAI)(PAFA)

JINXX ONE ARRIVAL (RNAV)

AL-1196 (FAA)



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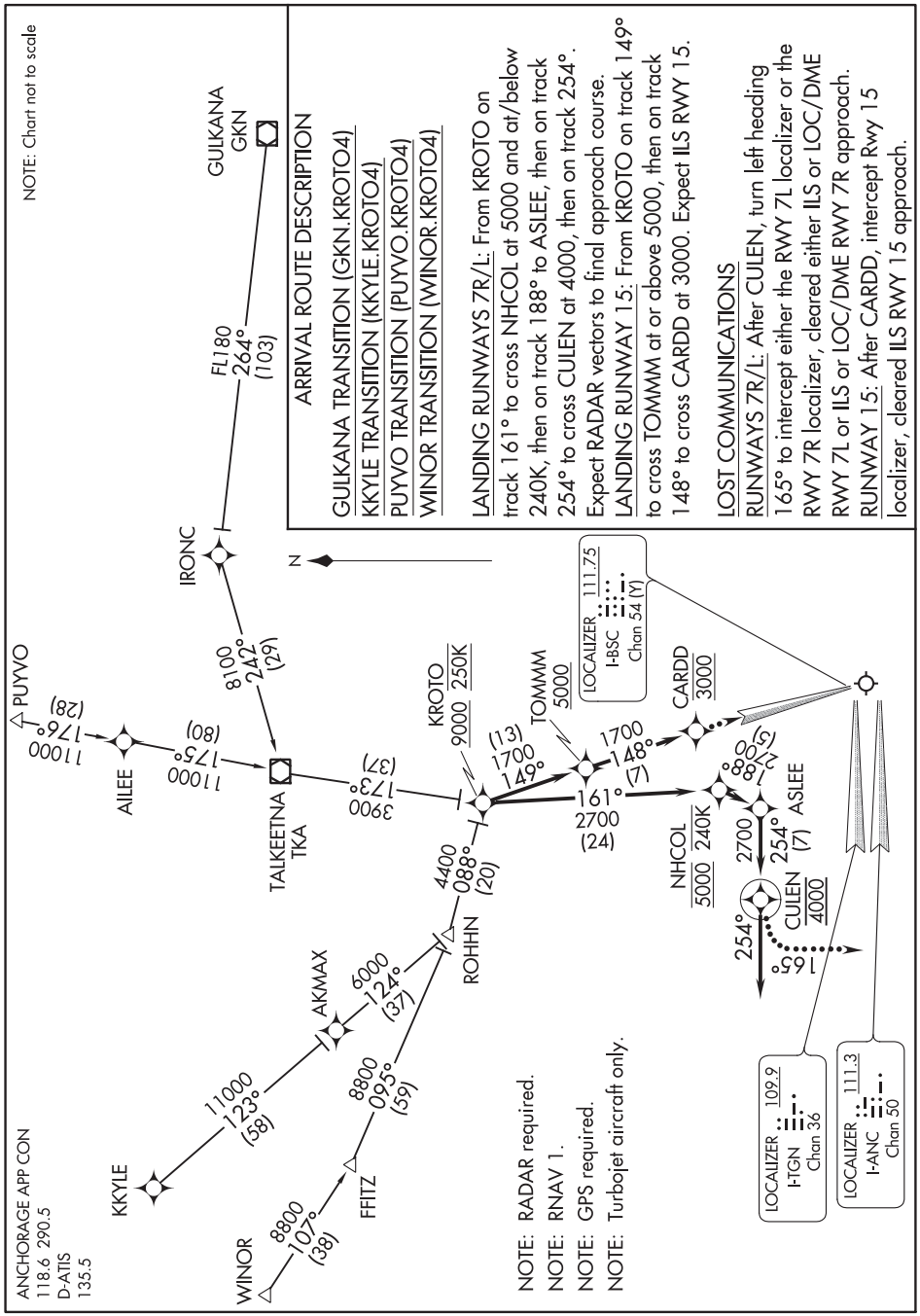
(KROTO.KROTO4) 18032

KROTO FOUR ARRIVAL (RNAV)

TED STEVENS ANCHORAGE INTL (ANC)(PANC)
AL-1500 (FAA)
ANCHORAGE, ALASKA



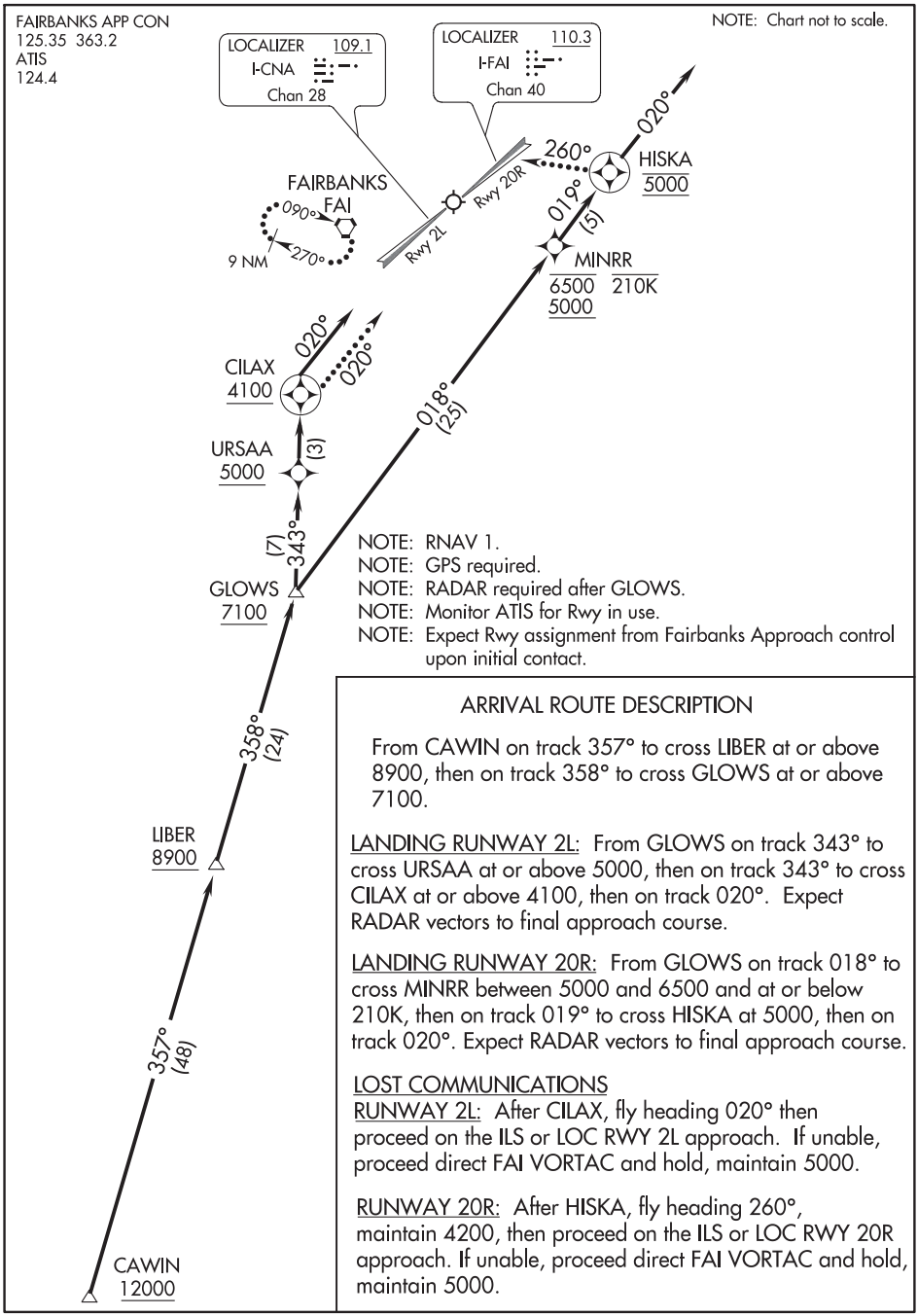
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KROTO FOUR ARRIVAL (RNAV)

ANCHORAGE, ALASKA
TED STEVENS ANCHORAGE INTL (ANC)(PANC)

(KROTO.KROTO4) 01FEB18


FAIRBANKS APP CON
125.35 363.2
ATIS
124.4
NOTE: Chart not to scale.
LOCALIZER 109.1
I-CNA
Chan 28
LOCALIZER 110.3
I-FAI
Chan 40
FAIRBANKS
FAI
090°
270°
9 NM
Rwy 2L
Rwy 20R
260°
020°
HISKA
5000
019°
(5)
MINRR
6500 210K
5000
018°
(25)
CILAX
4100
020°
020°
URSAA
5000
(3)
(7)
343°
GLOWS
7100
358°
(24)
LIBER
8900
357°
(48)
CAWIN
12000
NOTE: RNAV 1.
NOTE: GPS required.
NOTE: RADAR required after GLOWS.
NOTE: Monitor ATIS for Rwy in use.
NOTE: Expect Rwy assignment from Fairbanks Approach control upon initial contact.
ARRIVAL ROUTE DESCRIPTION
From CAWIN on track 357° to cross LIBER at or above 8900, then on track 358° to cross GLOWS at or above 7100.
LANDING RUNWAY 2L: From GLOWS on track 343° to cross URSAA at or above 5000, then on track 343° to cross CILAX at or above 4100, then on track 020°. Expect RADAR vectors to final approach course.
LANDING RUNWAY 20R: From GLOWS on track 018° to cross MINRR between 5000 and 6500 and at or below 210K, then on track 019° to cross HISKA at 5000, then on track 020°. Expect RADAR vectors to final approach course.
LOST COMMUNICATIONS
RUNWAY 2L: After CILAX, fly heading 020° then proceed on the ILS or LOC RWY 2L approach. If unable, proceed direct FAI VORTAC and hold, maintain 5000.
RUNWAY 20R: After HISKA, fly heading 260°, maintain 4200, then proceed on the ILS or LOC RWY 20R approach. If unable, proceed direct FAI VORTAC and hold, maintain 5000.

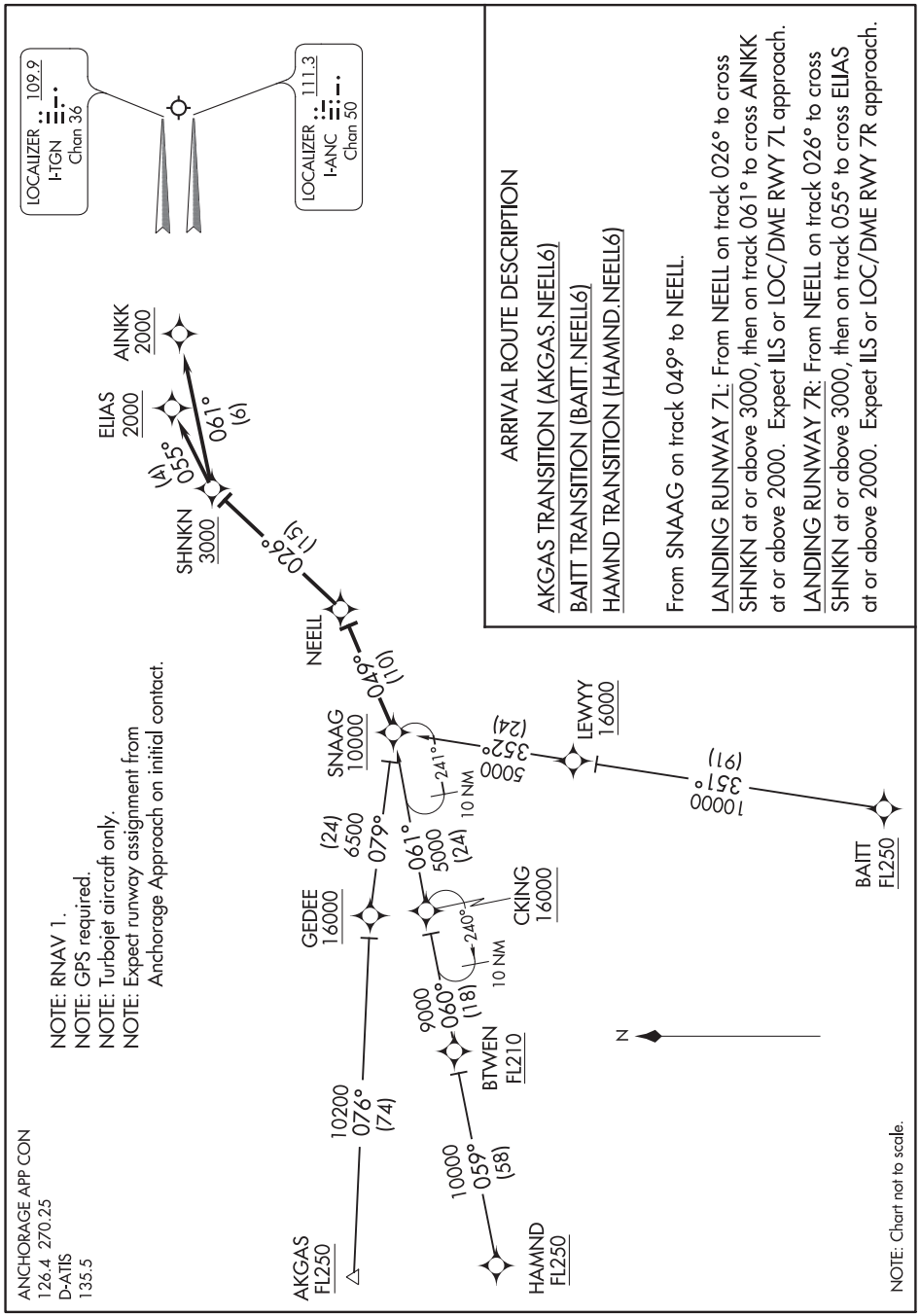
(SNAAG.NEELL6) 18144

NEELL SIX ARRIVAL (RNAV)

TED STEVENS ANCHORAGE INTL (ANC)(PANC)

AL-1500 (FAA)

ANCHORAGE, ALASKA



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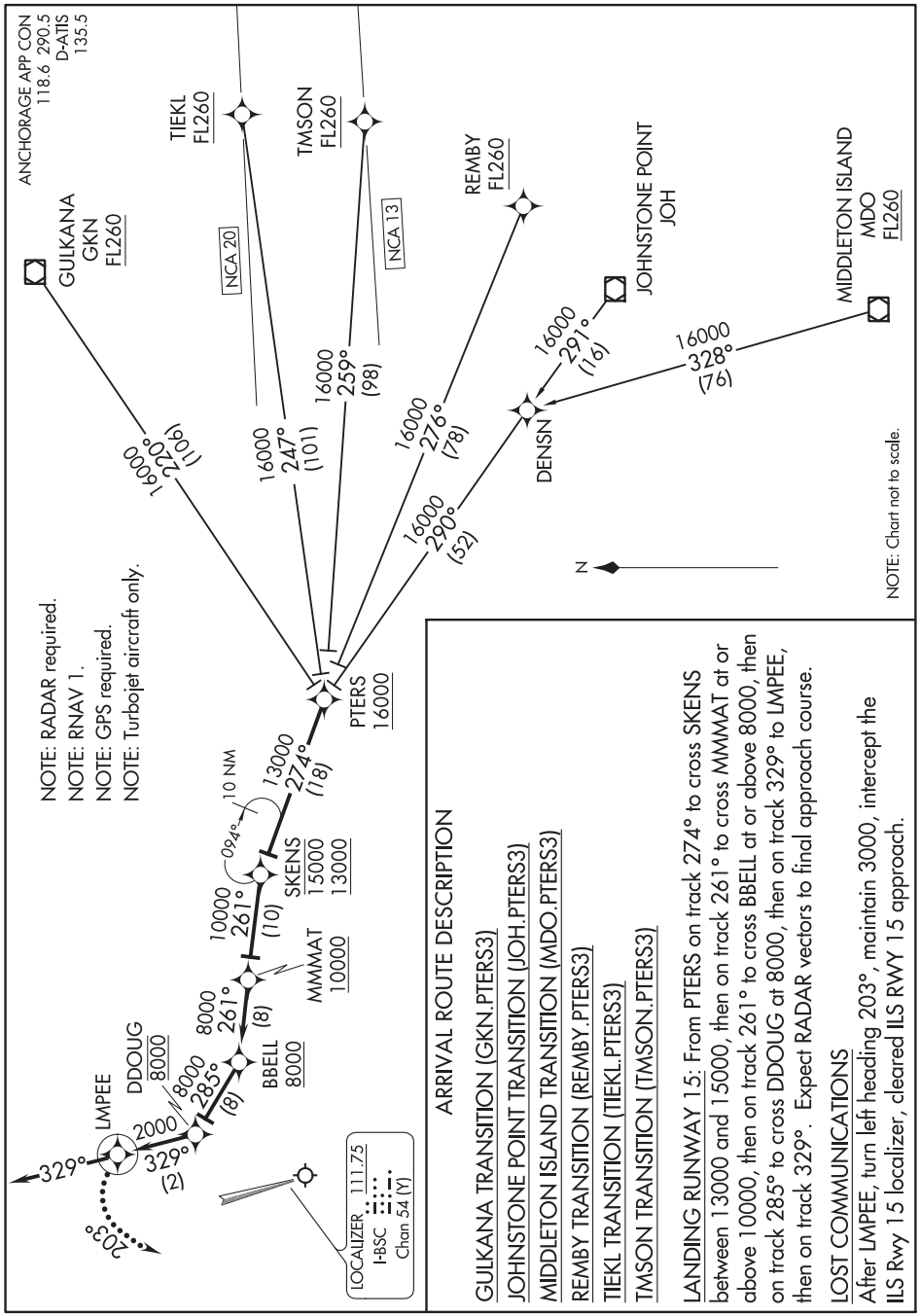
NEELL SIX ARRIVAL (RNAV)

(SNAAG.NEELL6) 01FEB18

ANCHORAGE, ALASKA

TED STEVENS ANCHORAGE INTL (ANC)(PANC)



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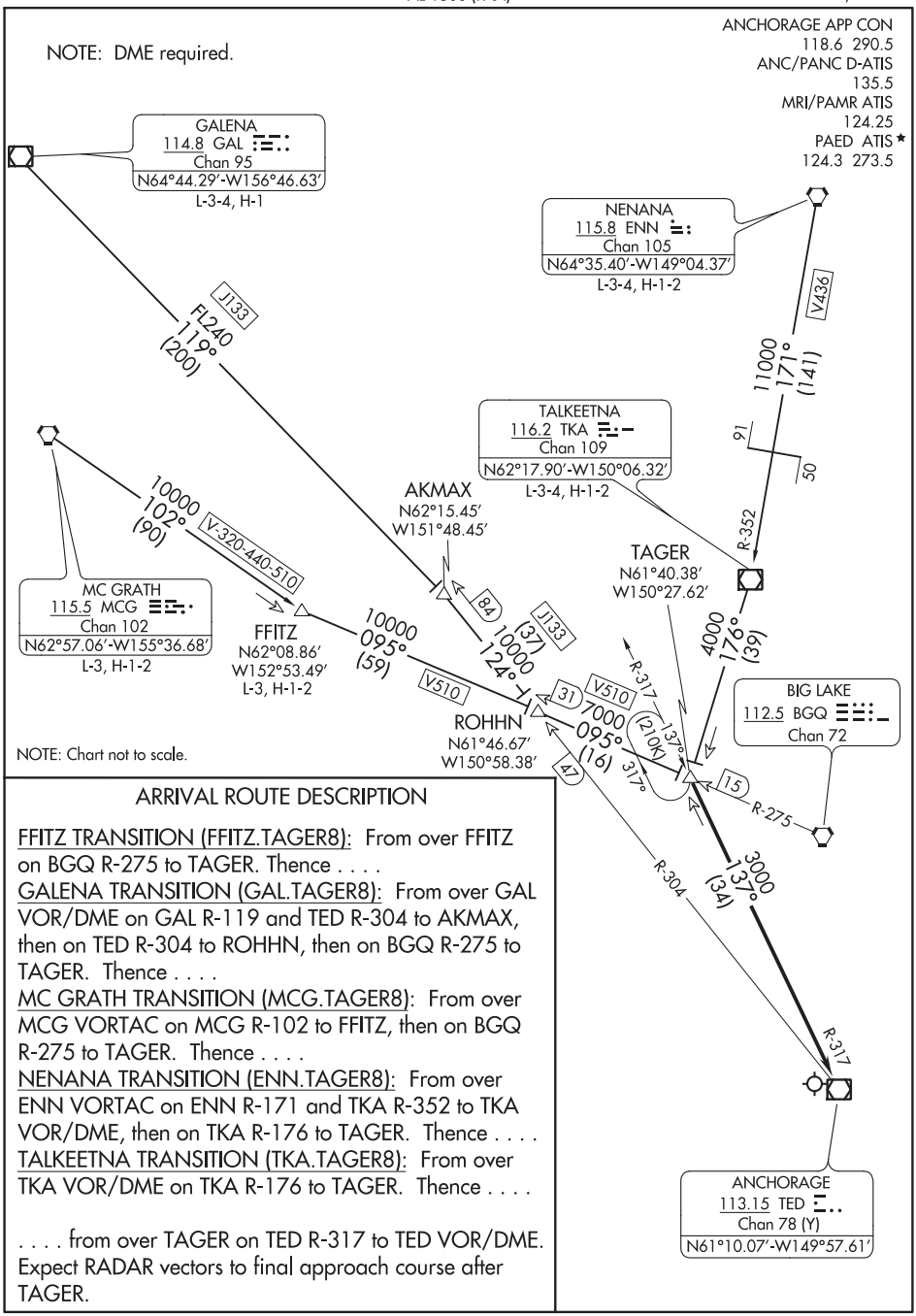
AK, 05 NOV 2020 to 31 DEC 2020

(TAGER.TAGER8) 20198

TAGER EIGHT ARRIVAL

TED STEVENS ANCHORAGE INTL (ANC)(PANC)
AL-1500 (FAA)
ANCHORAGE, ALASKA



ARRIVAL ROUTE DESCRIPTION

FFITZ TRANSITION (FFITZ.TAGER8): From over FFITZ on BGQ R-275 to TAGER. Thence . . . .

GALENA TRANSITION (GAL.TAGER8): From over GAL VOR/DME on GAL R-119 and TED R-304 to AKMAX, then on TED R-304 to ROHHN, then on BGQ R-275 to TAGER. Thence . . . .

MC GRATH TRANSITION (MCG.TAGER8): From over MCG VORTAC on MCG R-102 to FFITZ, then on BGQ R-275 to TAGER. Thence . . . .

NENANA TRANSITION (ENN.TAGER8): From over ENN VORTAC on ENN R-171 and TKA R-352 to TKA VOR/DME, then on TKA R-176 to TAGER. Thence . . . .

TALKEETNA TRANSITION (TKA.TAGER8): From over TKA VOR/DME on TKA R-176 to TAGER. Thence . . . .

. . . . from over TAGER on TED R-317 to TED VOR/DME. Expect RADAR vectors to final approach course after TAGER.

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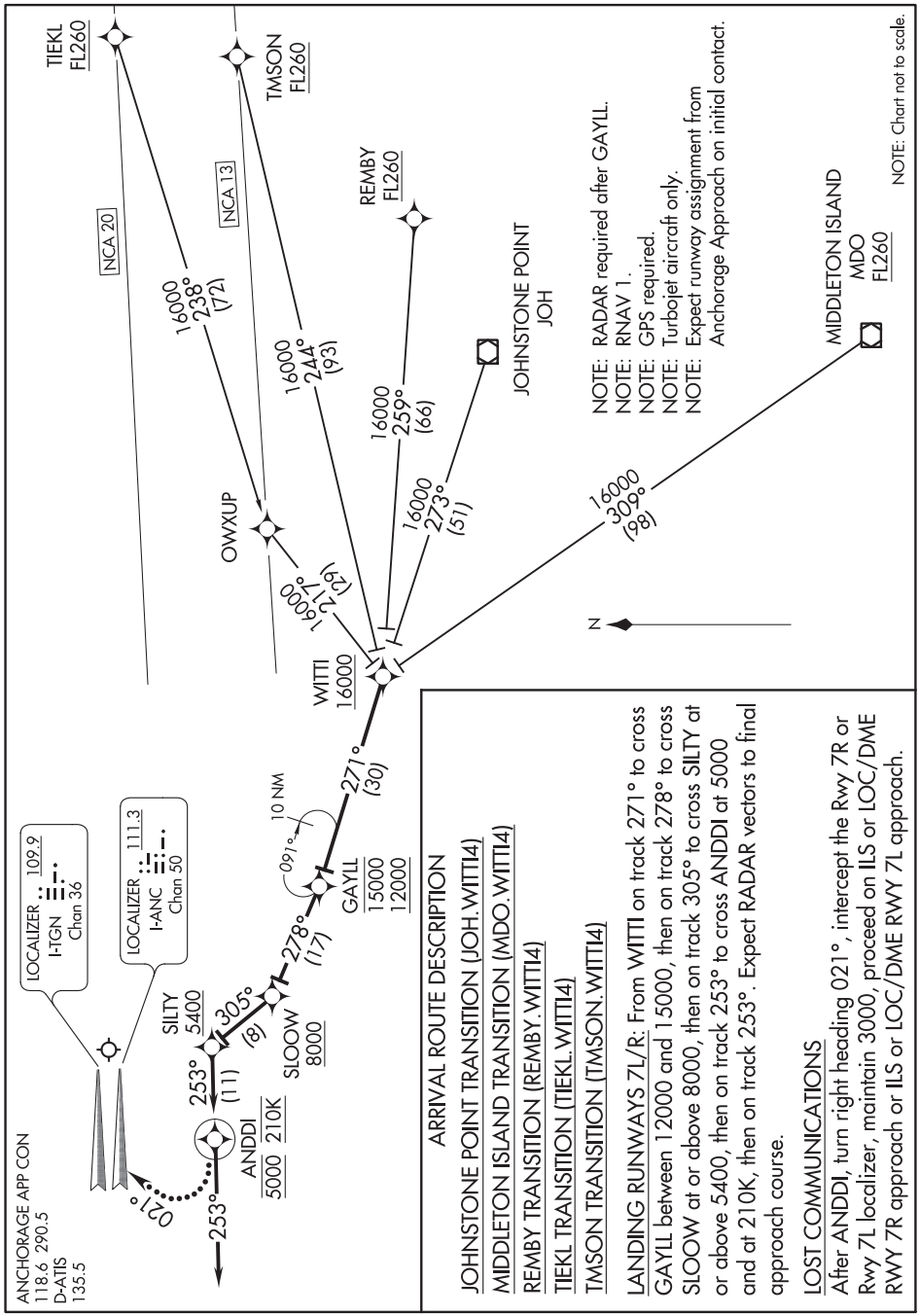

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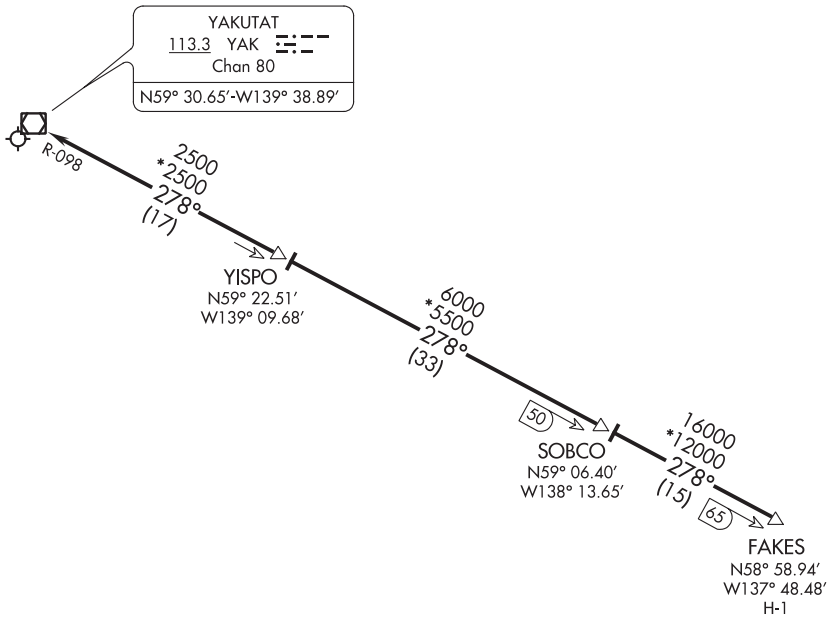
(YAK.YAK3) 17285

YAKUTAT THREE ARRIVAL

AL-1193 (FAA)

YAKUTAT (YAK)(PAYA)
YAKUTAT, ALASKA

ANCHORAGE CENTER
119.0 263.1
JUNEAU RADIO
123.6 (CTAF)
ASOS 135.75



NOTE: DME required.

NOTE: Chart not to scale.

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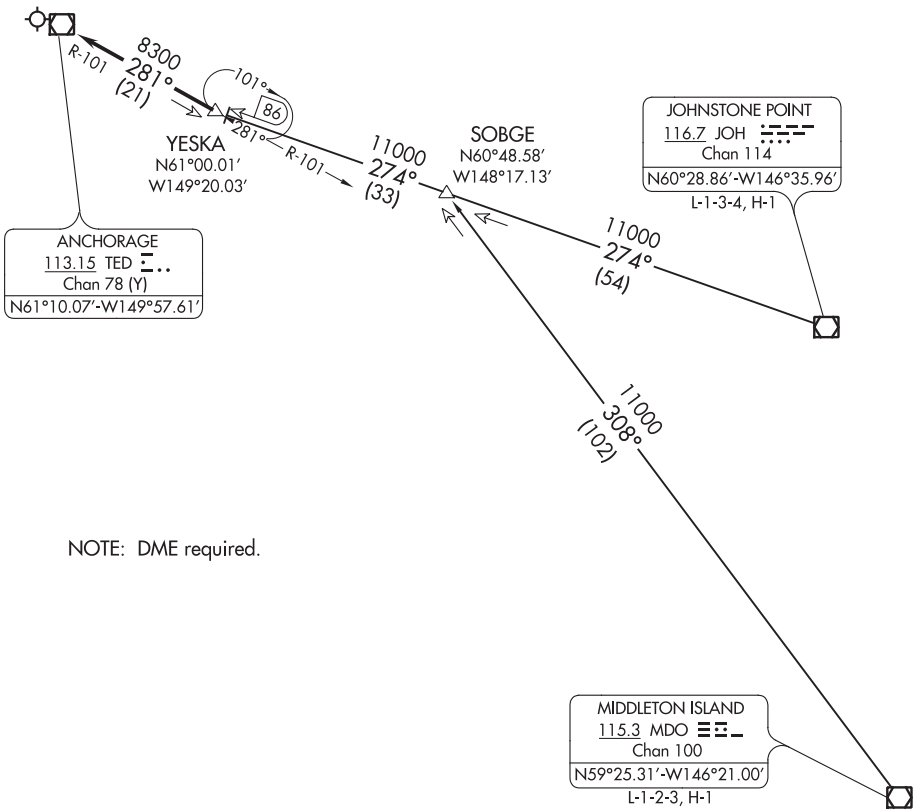
ARRIVAL ROUTE DESCRIPTION

From FAKES/65 DME via YAK R-098 to YAK VOR/DME.

ANCHORAGE APP CON
126.4 259.6
ANC/PANC D-ATIS
135.5
MRI/PAMR ATIS
124.25
PAED ATIS ★
124.3 273.5



NOTE: DME required.

NOTE: Chart not to scale.

AK, 05 NOV 2020 to 31 DEC 2020

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ARRIVAL ROUTE DESCRIPTION

JOHNSTONE POINT TRANSITION (JOH.YESKA6): From over JOH VOR/DME on JOH R-274 to YESKA. Thence. . . .
MIDDLETON ISLAND TRANSITION (MDO.YESKA6): From over MDO VOR/DME on MDO R-308 to SOBGE, then on JOH R-274 to YESKA. Thence. . . .

. . . .From over YESKA on TED R-101 to TED VOR/DME.
Expect RADAR vectors to final approach course after YESKA.

INTENTIONALLY

LEFT

BLANK

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC I-BER	APP CRS	Rwy ldg	6190
108.9	234°	TDZE	18
		Apt Elev	20

ILS Y or LOC Y RWY 23

ADAK (ADK) (PADK)

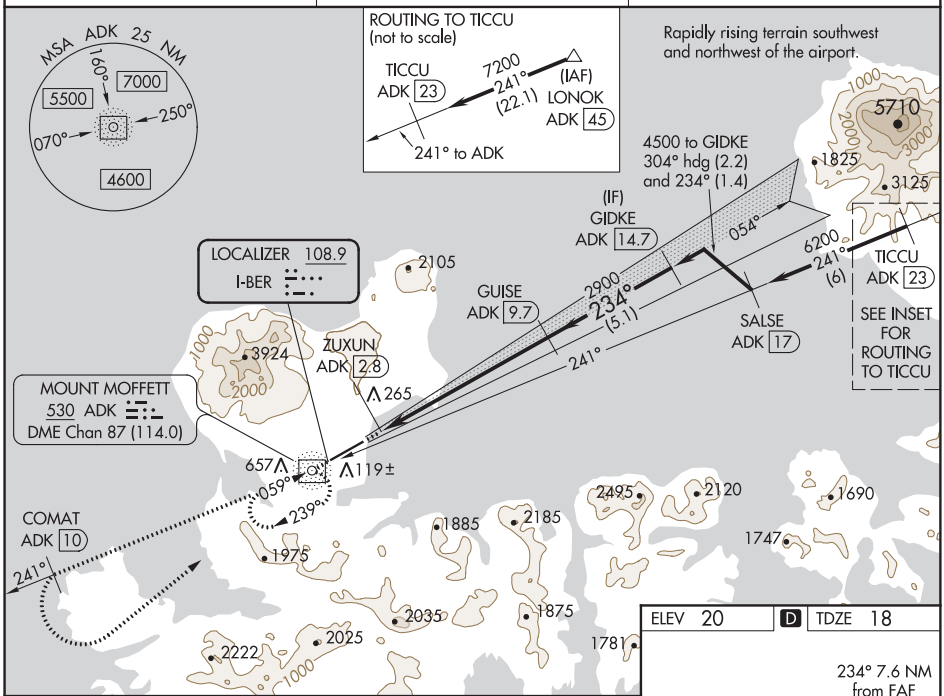
ADF and DME required.

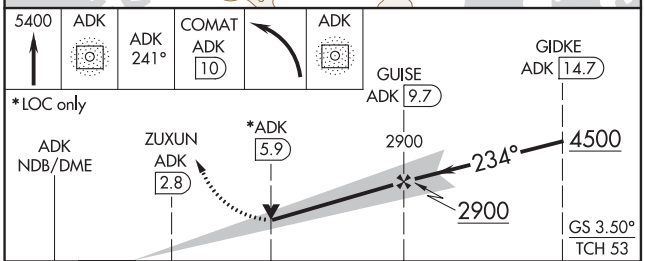
T A Circling NA at night. Circling NA northwest of Rwy 5-23. Rwy 23 helicopter visibility reduction below ¾ SM NA. DME from ADK NDB/DME. Simultaneous reception of I-BER and ADK DME required. Cat E for USAF/USN use only.

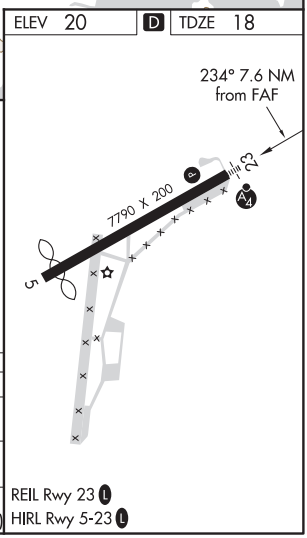
MALS A4

MISSED APPROACH: Climb to 5400 direct ADK NDB/DME and on the 241° bearing from ADK NDB/DME to COMAT/ADK 10 DME and left turn direct ADK NDB/DME and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
134.5	126.4 254.3	122.9 L







CATEGORY	A	B	C	D	E
S-ILS 23	1572-5 1554 (1600-5)				
S-LOC 23	1520-1¼ 1502 (1500-1¼)	1520-1½ 1502 (1500-1½)	1520-3 1502 (1500-3)		
C CIRCLING	1520-1¼ 1500 (1500-1¼)	1520-1½ 1500 (1500-1½)	1520-3 1500 (1500-3)	2400-3 2380 (2400-3)	2440-3 2420 (2500-3)

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ADAK ISLAND, ALASKA | AL-1244 (FAA) | 20310

ILS Z or LOC Z RWY 23

ADAK (ADK) (PADK)

LOC I-BER	APP CRS	Rwy ldg	6190
108.9	234°	TDZE	18
		Apt Elev	20

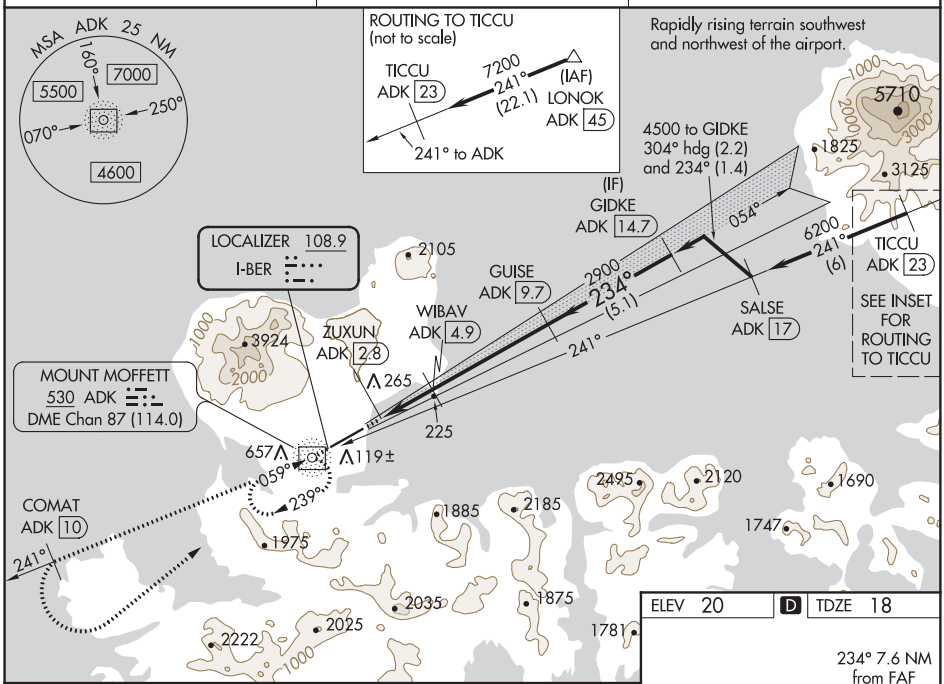
ADF and DME required.

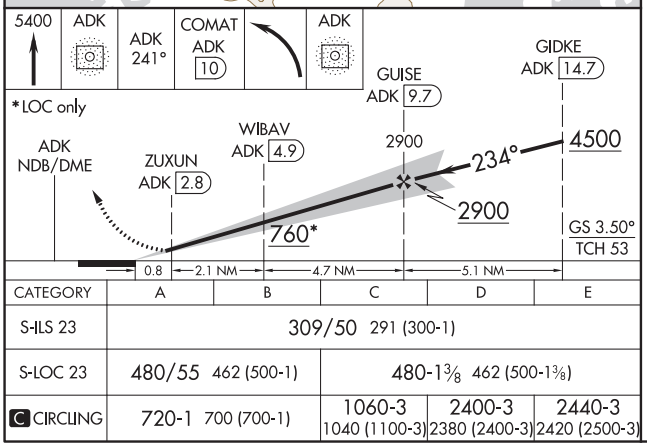
T A Circling NA at night. Circling NA northwest of Rwy 5-23. Rwy 23 helicopter visibility reduction below ¾ SM NA. DME from ADK NDB. Simultaneous reception of I-BER and ADK DME required. Cat E for USAF/USN use only.

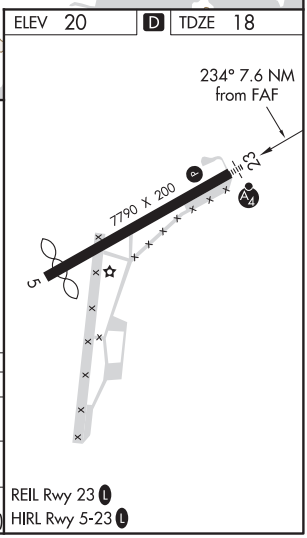
MALS A4

MISSED APPROACH: Climb to 5400 direct ADK NDB/DME and on the 241° bearing from ADK NDB/DME to COMAT/ADK 10 DME and left turn direct ADK NDB/DME and hold.Missed approach requires minimum climb of 409 feet per NM to 2700; if unable to meet climb gradient, see ILS Y or LOC Y RWY 23.

AWOS-3P	ANCHORAGE CENTER	CTAF
134.5	126.4 254.3	122.9 L







CATEGORY	A	B	C	D	E
S-ILS 23	309/50 291 (300-1)				
S-LOC 23	480/55 462 (500-1)		480-1⅜ 462 (500-1⅜)		
C CIRCLING	720-1 700 (700-1)		1060-3 1040 (1100-3)	2400-3 2380 (2400-3)	2440-3 2420 (2500-3)

REIL Rwy 23 L
HIRL Rwy 5-23 L

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RNAV (GPS) RWY 23

ADAK (ADK)(PADK)

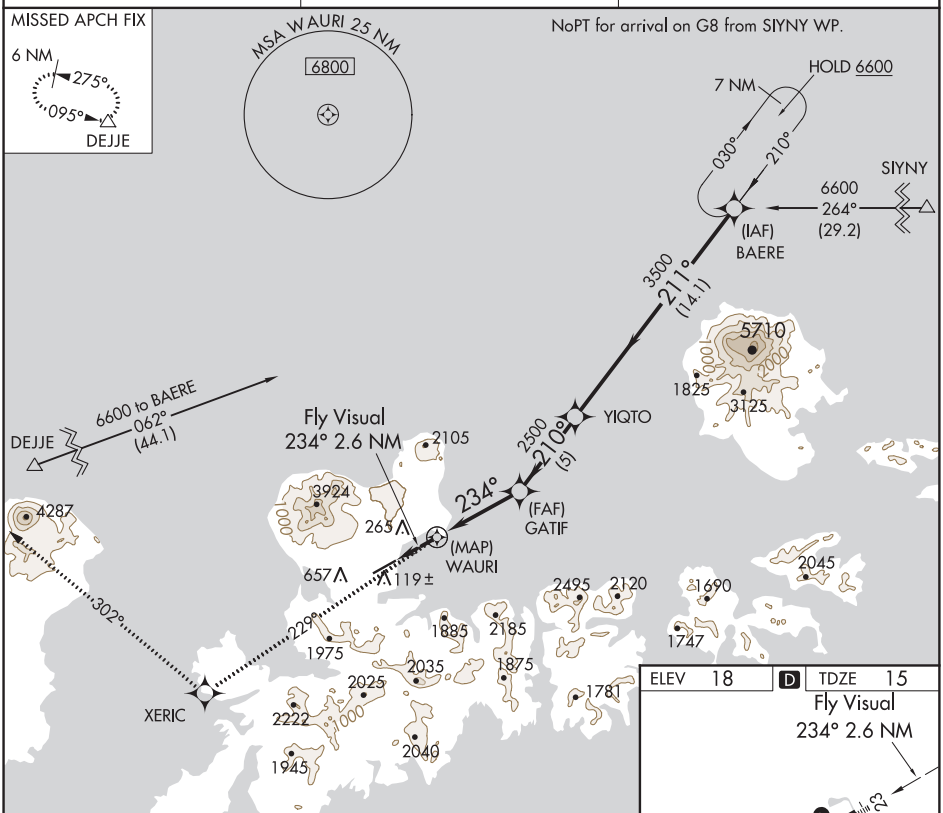
APP CRS	Rwy ldg	6190
234°	TDZE	15
	Apt Elev	18

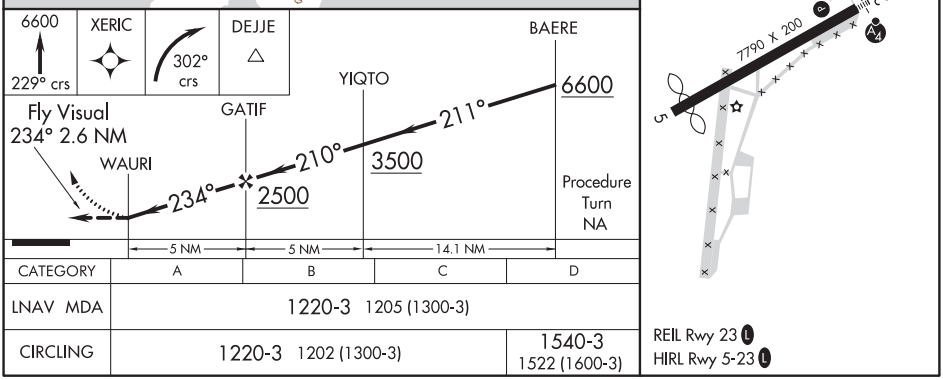
Circling not authorized at night.
DME/DME RNP-0.3 NA.

MALS

MISSED APPROACH: Climb to 6600 via 229° course to XERIC, then right turn via 302° course to DEJJE and hold.

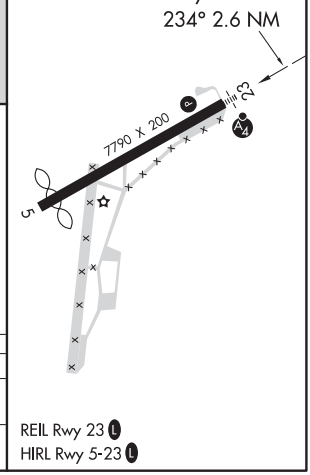
AWOS-3P	ANCHORAGE CENTER	CTAF
134.5	126.4 254.3	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	1220-3 1205 (1300-3)			
CIRCLING	1220-3 1202 (1300-3)			1540-3 1522 (1600-3)

ELEV 18 D TDZE 15



REIL Rwy 23 L
HIRL Rwy 5-23 L

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ADAK ISLAND, ALASKA | AL-1244 (FAA) | 20310

NDB/DME RWY 23

ADAK (ADK)(PADK)

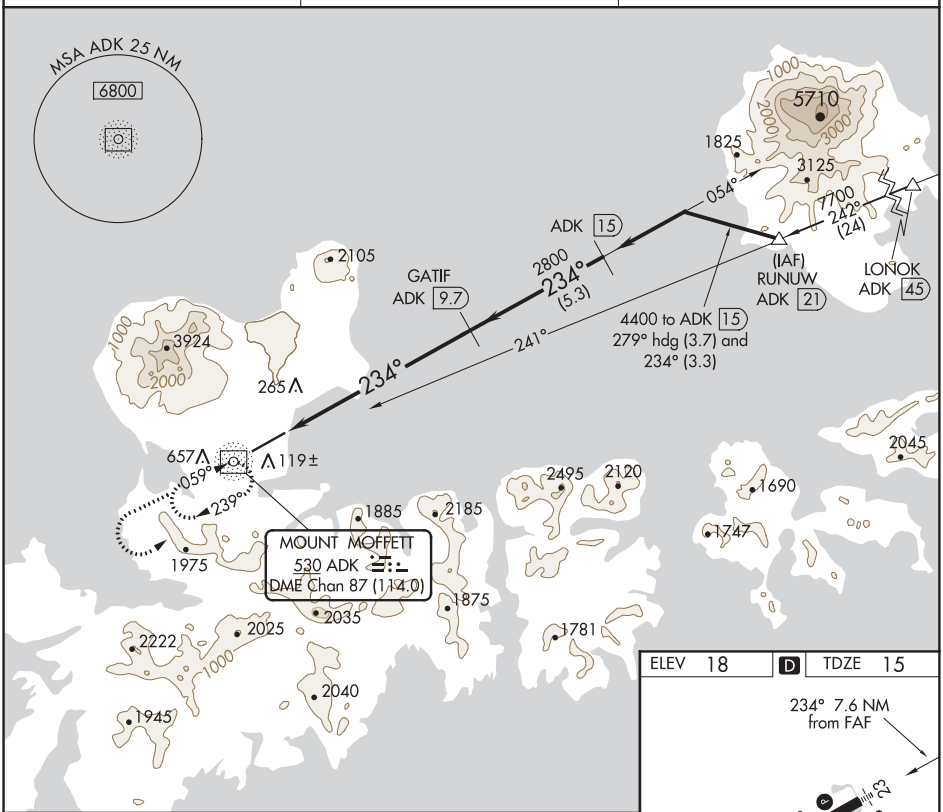
NDB/DME ADK 530 Chan 87 (114.0)	APP CRS 234°	Rwy ldg 6190 TDZE 15 Apt Elev 18

Circling not authorized at night.

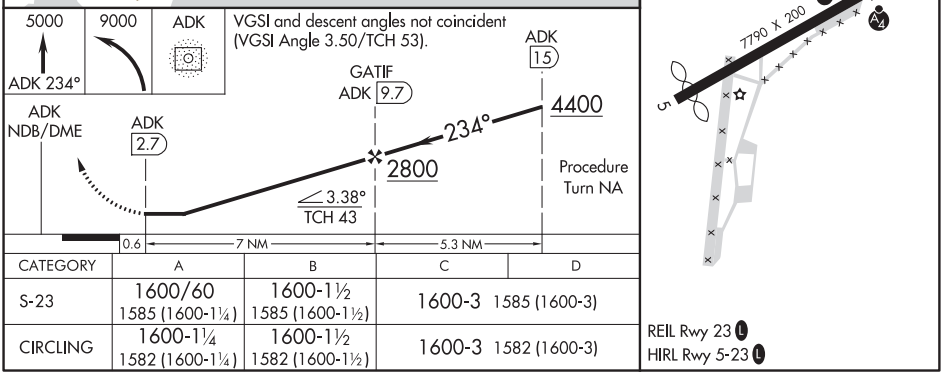
MALS

MISSED APPROACH: Climb to 5000 via direct ADK NDB/DME and ADK NDB/DME 234° bearing, then climbing left turn to 9000 direct ADK NDB/DME and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
134.5	126.4 254.3	122.9 L



ELEV 18	D	TDZE 15



CATEGORY	A	B	C	D
S-23	1600/60 1585 (1600-1¼)	1600-1½ 1585 (1600-1½)	1600-3 1585 (1600-3)	
CIRCLING	1600-1¼ 1582 (1600-1¼)	1600-1½ 1582 (1600-1½)	1600-3 1582 (1600-3)	

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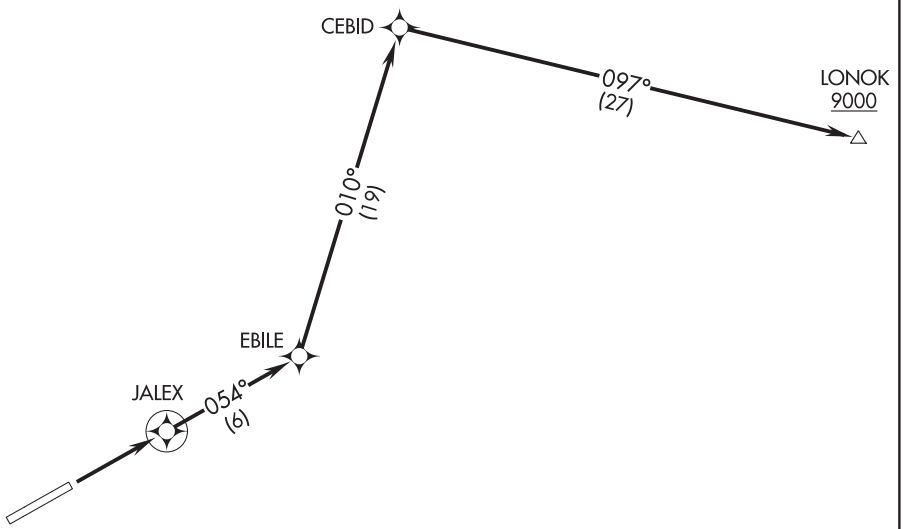
JALEX THREE DEPARTURE (RNAV)

AL-1244 (FAA)

ANCHORAGE CENTER
126.4 254.3
CTAF
122.9

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GPS required.
NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwy 23: NA-ATC.
Rwy 5: Standard with minimum climb of 253′ per NM to 900.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb to 9000 or ATC assigned higher altitude direct JALEX then on track 054° to EBILE, then on track 010° to CEBID, then on track 097° to cross LONOK at or above 9000 before proceeding on course.

(TTAUN4.TTAUN) 18312

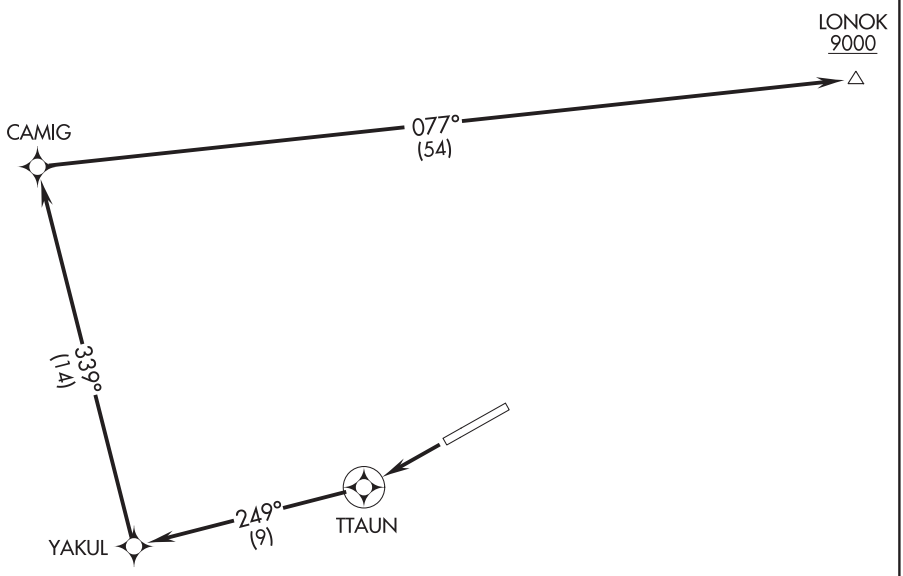
TTAUN FOUR DEPARTURE (RNAV)

AL-1244 (FAA)

ADAK (ADK)(PADK)
ADAK ISLAND, ALASKA

ANCHORAGE CENTER
126.4 254.3
CTAF
122.9

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GPS required.
NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwy 5: NA-ATC.
Rwy 23: 300-1 with minimum climb of 400′ per NM to 1600.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 23: Climb to 9000 or ATC assigned higher altitude direct TTAUN, then on track 249° to YAKUL, then track 339° to CAMIG, then on track 077° to LONOK before proceeding on course.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

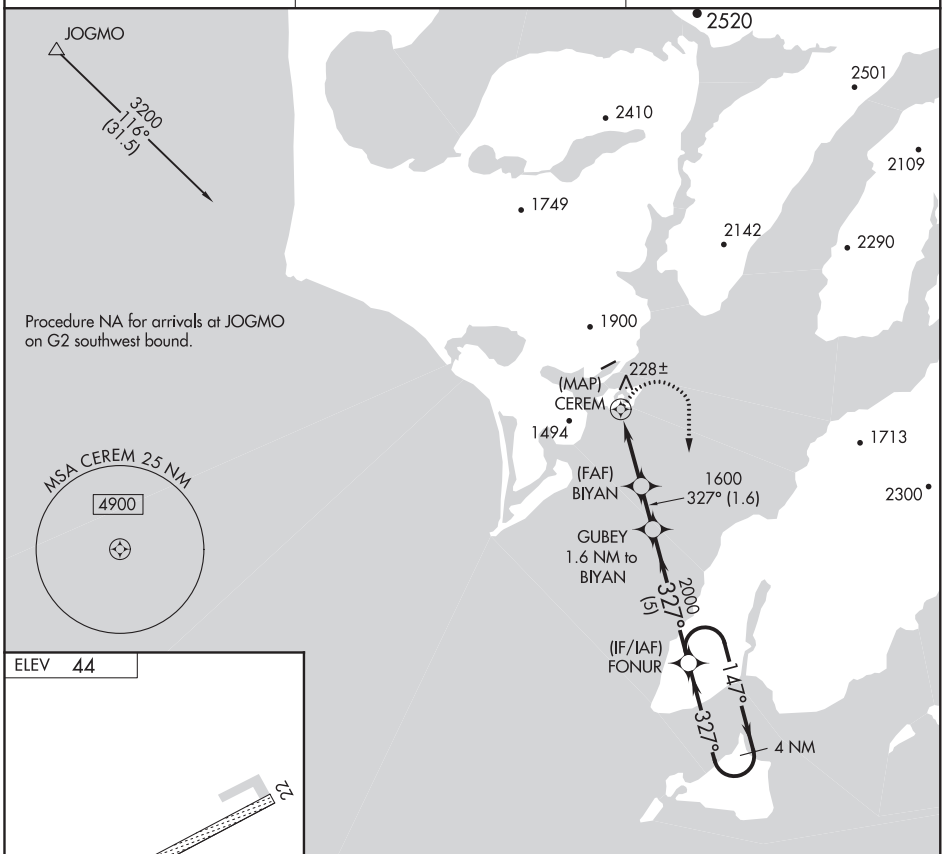
APP CRS	Rwy Idg	N/A
327°	TDZE	N/A
	Apt Elev	44

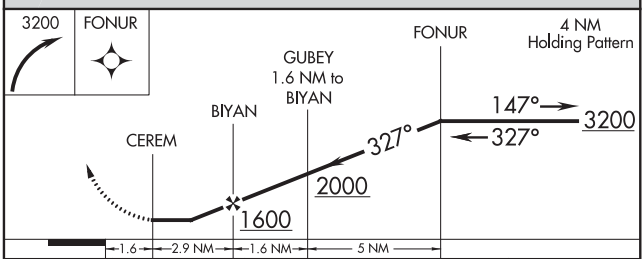
RNAV (GPS)-A
AKHIOK (AKK) (PAKH)

DME/DME RNP-0.3 NA. Procedure NA at night. Circling NA northwest of Rwy 4/22. If local altimeter setting not received, use Kodiak altimeter setting and increase all MDAs 800 feet.

MISSED APPROACH: Climbing right turn to 3200 direct FONUR WP and hold.

AWOS-3P	ANCHORAGE CENTER	UNICOM
118.325	125.1 281.4	122.8 (CTAF)





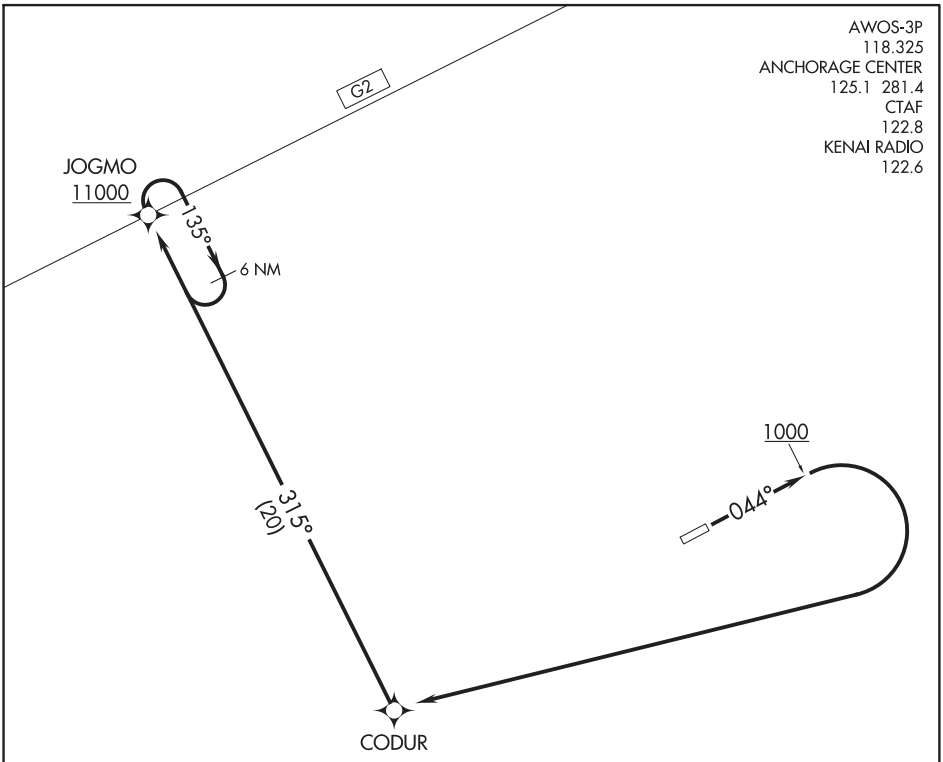
CATEGORY	A	B	C	D
CIRCLING	580-2 536 (600-2)		NA	

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

(JOGMO1.JOGMO) 18256

JOGMO ONE DEPARTURE (OBSTACLE) (RNAV)

AKHIOK (AKK) (PAKH)
AL-9288 (FAA) AKHIOK, ALASKA



NOTE: GPS required.

NOTE: RNAV 1

TAKEOFF MINIMUMS

Rwy 4: Standard with a minimum (obstacle) climb of 450′ per NM to 2200, or 2200-3 for climb in visual conditions. Climb in visual conditions NA at night.

Rwy 22: NA, obstacles.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb via 044° heading to 1000, then via right turn direct CODUR WP, then right turn via 315° track to JOGMO WP, Thence . . . .
Or climb in visual conditions to cross Akhiok Airport at or above 2200 southwest bound direct CODUR WP, then right turn via 315° track to JOGMO WP, Thence . . . .

. . . . Climb in holding, (if required) to cross JOGMO WP at or above 11000 before proceeding via assigned route.

AK, 05 NOV 2020 to 31 DEC 2020

JOGMO ONE DEPARTURE (OBSTACLE) (RNAV)
AKHIOK, ALASKA
AKHIOK (AKK) (PAKH)
(JOGMO1.JOGMO) 10MAY07

APP CRS	Rwy ldg	3200
031°	TDZE	40
	Apt Elev	40

RNAV (GPS) RWY 3
AKIAK (AKI) (PFAK)

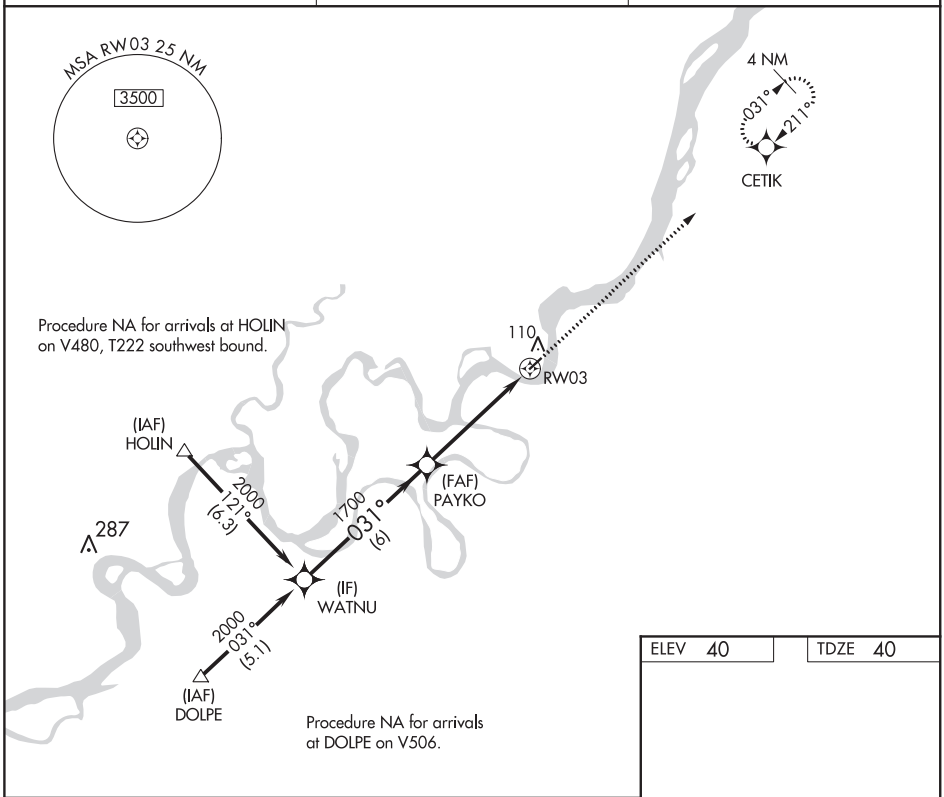
RNP APCH.

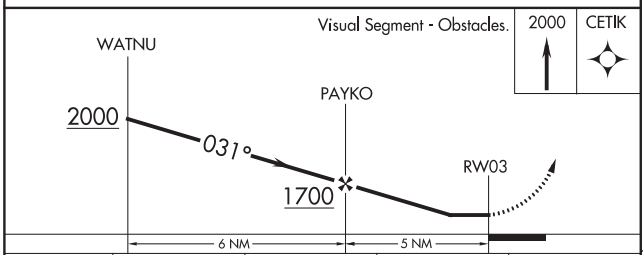
T
A NA

Procedure NA at night. Use Bethel altimeter setting.
Rwy 3 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2000 direct CETIK and hold.

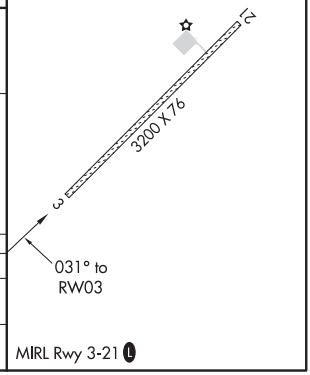
BET/PABE ASOS	ANCHORAGE CENTER	CTAF
135.45	125.2 372.0	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	540-1 500 (500-1)		NA	
CIRCLING	540-1 500 (500-1)		NA	

ELEV 40	TDZE 40



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AKIAK, ALASKA | AL-9746 (FAA) | 20198

RNAV (GPS) RWY 21
AKIAK (AKI) (PFAK)

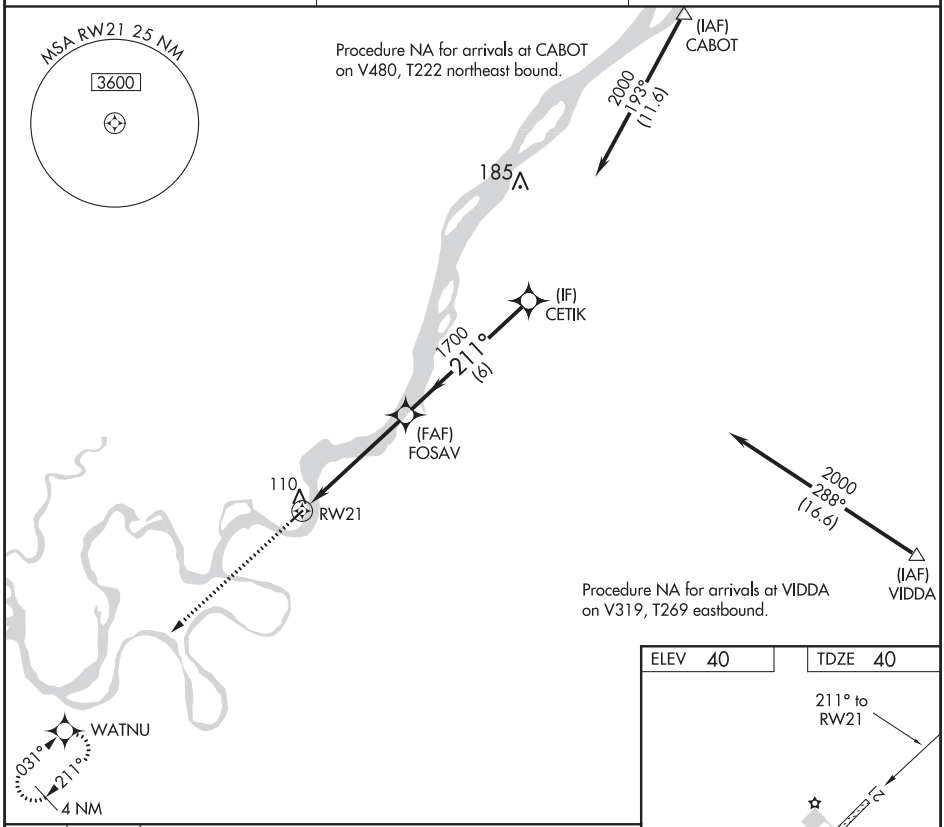
APP CRS	Rwy ldg	3200
211°	TDZE	40
	Apt Elev	40

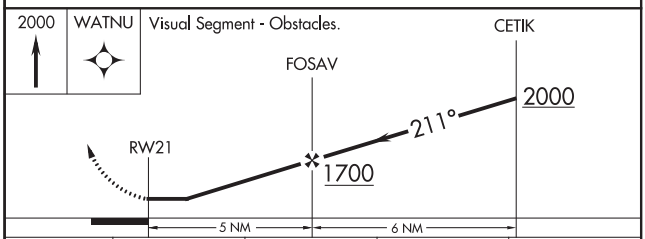
RNP APCH.

Procedure NA at night. Use Bethel altimeter setting.
NA Rwy 21 helicopter visibility reduction below 1 SM NA.

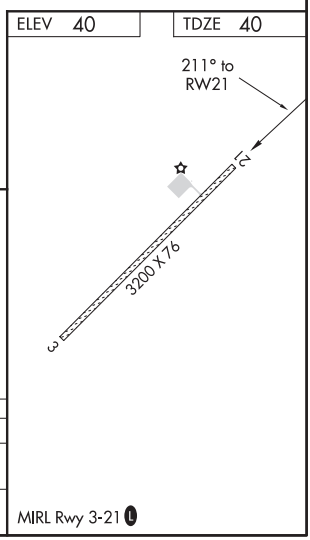
MISSED APPROACH: Climb to 2000 direct WATNU and hold.

BET/PABE ASOS	ANCHORAGE CENTER	CTAF
135.45	125.2 372.0	122.9 L





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



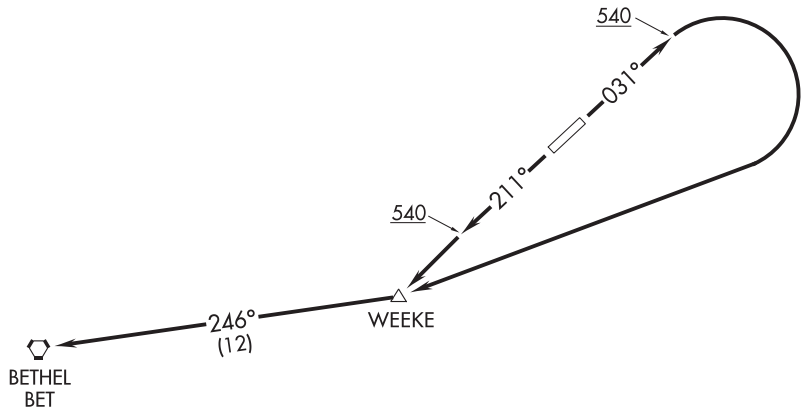
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AKIAK ONE DEPARTURE (OBSTACLE) (RNAV)

AL-9746 (FAA)

ANCHORAGE CENTER
125.2 372.0
CTAF
122.9



TAKEOFF MINIMUMS
Rwy 3, 21: Standard.

NOTE: GPS required.

NOTE: RNAV 1.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 031° to 540, then right turn direct WEEKE, thence . . . .
TAKEOFF RUNWAY 21: Climb heading 211° to 540, then direct WEEKE, thence . . . .

. . . . via 246° track to BET VORTAC. Continue climb to MEA for route of flight.

AK, 05 NOV 2020 to 31 DEC 2020

AKUTAN, ALASKA | AL-10983 (FAA) | 19171

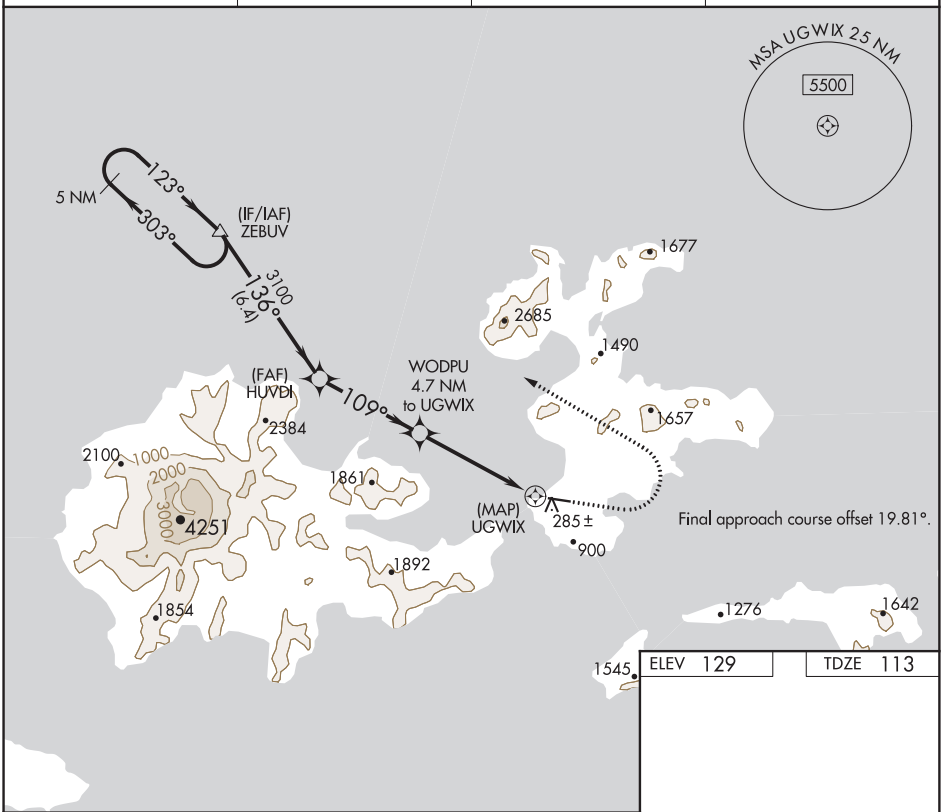
RNAV (GPS) RWY 9
AKUTAN (7AK)(PAUT)

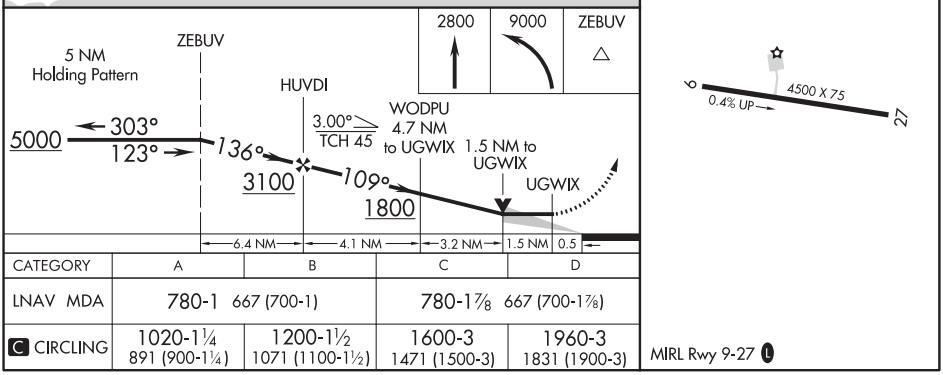
APP CRS	Rwy ldg	4500
109°	TDZE	113
	Apt Elev	129

DME/DME RNP-0.3 NA.
Procedure NA at night.

MISSED APPROACH: Climb to 2800 then climbing left turn to 9000 direct ZEBUV and hold, continue climb-in-hold to 9000.

AWOS-3P	ANCHORAGE CENTER	GCO	CTAF
129.05	121.4	130.3	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	780-1 667 (700-1)		780-1⅞ 667 (700-1⅞)	
C CIRCLING	1020-1¼ 891 (900-1¼)	1200-1½ 1071 (1100-1½)	1600-3 1471 (1500-3)	1960-3 1831 (1900-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

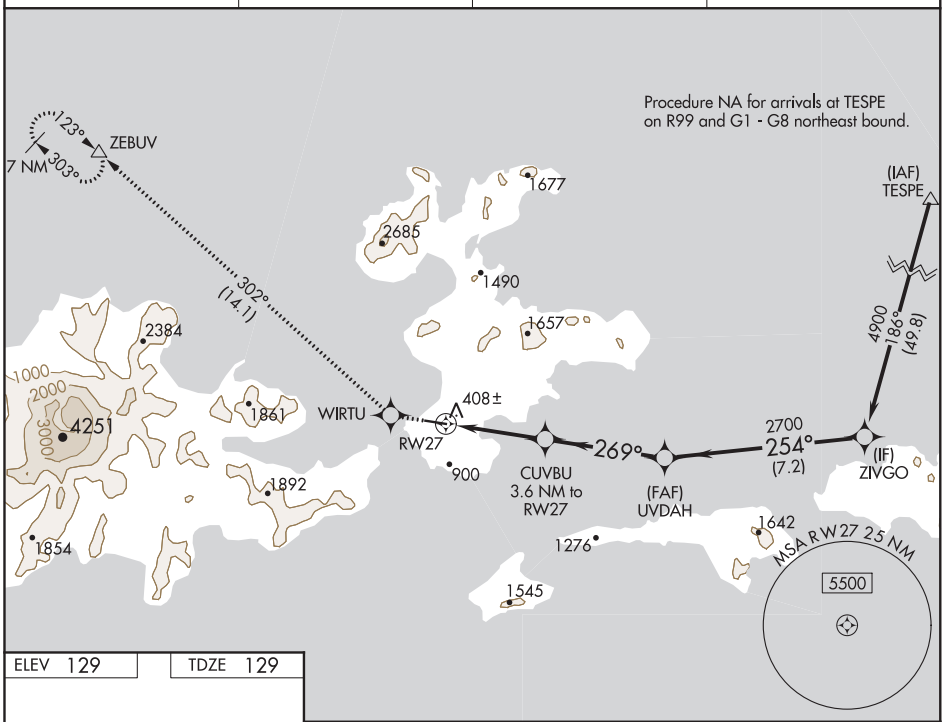
APP CRS	Rwy ldg	4500
269°	TDZE	129
	Apt Elev	129

RNAV (GPS) RWY 27
AKUTAN (7AK)(PAUT)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 9000 direct WIRTU and on track 302° to ZEBUV and hold, continue climb-in-hold to 9000.

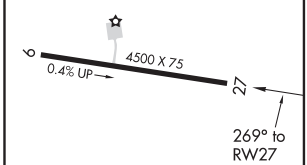
AWOS-3P	ANCHORAGE CENTER	GCO	CTAF
129.05	121.4	130.3	122.9



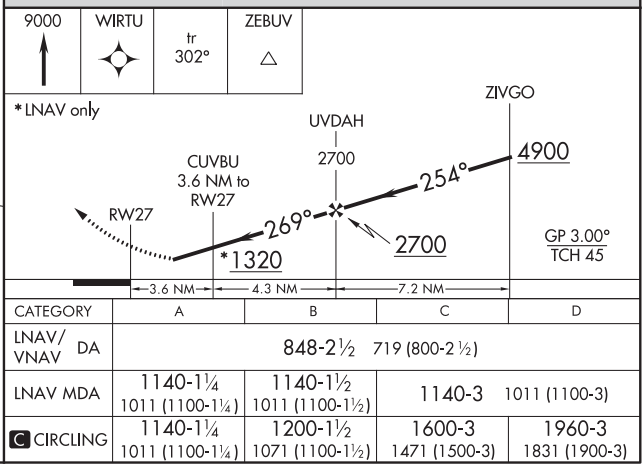
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 129 TDZE 129



MIRL Rwy 9-27



CATEGORY	A	B	C	D
LNAV/VNAV DA	848-2½ 719 (800-2½)			
LNAV MDA	1140-1¼ 1011 (1100-1¼)	1140-1½ 1011 (1100-1½)	1140-3 1011 (1100-3)	
C CIRCLING	1140-1¼ 1011 (1100-1¼)	1200-1½ 1071 (1100-1½)	1600-3 1471 (1500-3)	1960-3 1831 (1900-3)

AKUTAN, ALASKA | AL-10983 (FAA) | 20310

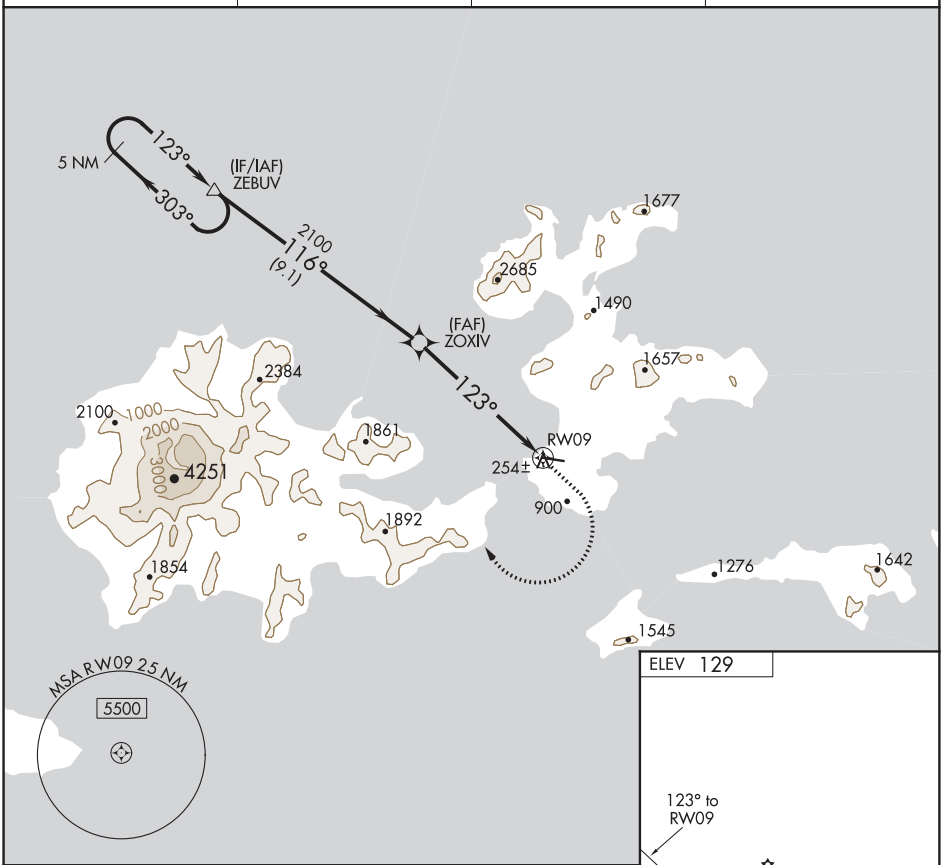
RNAV (GPS)-A
AKUTAN (7AK) (PAUT)

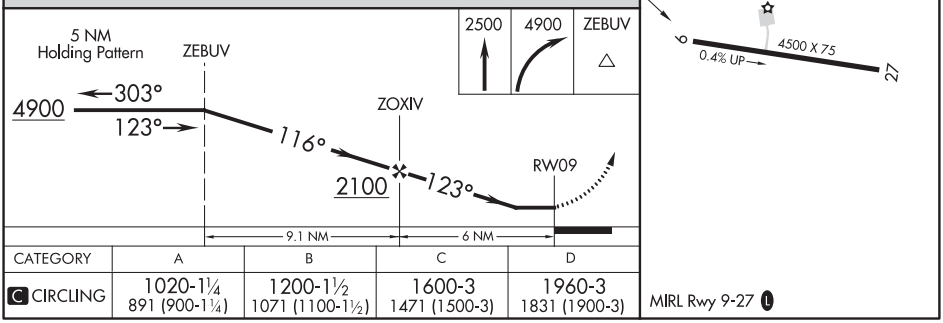
APP CRS	Rwy Idg	N/A
123°	TDZE	N/A
	Apt Elev	129

When local altimeter setting not received, procedure NA.
DME/DME RNP-0.3 NA.
Procedure NA at night.

MISSED APPROACH: Climb to 2500 then climbing right turn to 4900 direct ZEBUV and hold.

AWOS-3P	ANCHORAGE CENTER	GCO	CTAF
129.05	121.4	130.3	122.9 L



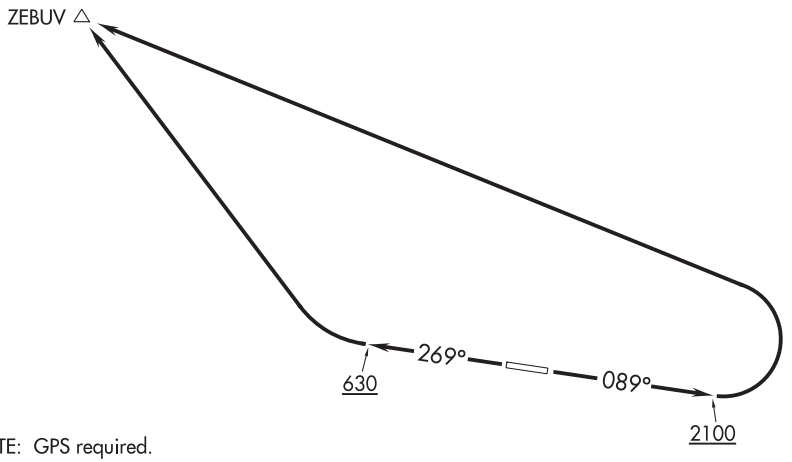


CATEGORY	A	B	C	D
C CIRCLING	1020-1¼ 891 (900-1¼)	1200-1½ 1071 (1100-1½)	1600-3 1471 (1500-3)	1960-3 1831 (1900-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE CENTER
121.4



NOTE: GPS required.
NOTE: RNAV-1.

TAKEOFF MINIMUMS
Rwy 9: Standard with minimum climb of 240′ per NM to 3400.
Rwy 27: Standard with minimum climb of 440′ per NM to 630.

TAKEOFF OBSTACLE NOTES

Rwy 9: Terrain beginning 90′ from DER, 398′ right of centerline, up to 160′ MSL.
Terrain beginning 198′ from DER, 396′ right of centerline, up to 162′ MSL.
Terrain beginning 500′ from DER, 398′ right of centerline, up to 163′ MSL.
Terrain 2038′ from DER, 998′ left of centerline, 202′ MSL.
Terrain 2298′ from DER, 998′ left of centerline, 226′ MSL.
Terrain beginning 2353′ from DER, 923′ left of centerline, up to 234′ MSL.
Terrain beginning 2702′ from DER, 1197′ left of centerline, up to 249′ MSL.
Terrain beginning 3846′ from DER, 1198′ left of centerline, up to 258′ MSL.
Terrain beginning 3943′ from DER, 1167′ left of centerline, up to 263′ MSL.
Rwy 27: Terrain 8′ from DER, 494′ left of centerline, 115′ MSL.
Terrain 1796′ from DER, 758′ left of centerline, 164′ MSL.
Terrain beginning 1968′ from DER, 800′ left of centerline, up to 170′ MSL.
Terrain beginning 2000′ from DER, 740′ left of centerline, up to 181′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 089° to 2100 then climbing left turn to 6000 direct ZEBUV before proceding on course.

TAKEOFF RUNWAY 27: Climb heading 269° to 630 then climbing right turn to 6000 direct ZEBUV before proceding on course.

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AK, 05 NOV 2020 to 31 DEC 2020

ALLAKAKET, ALASKA | AL-9982 (FAA) | 19339

WAAS CH 99622 W05A	APP CRS 052°	Rwy ldg 4000 TDZE 439 Apt Elev 441

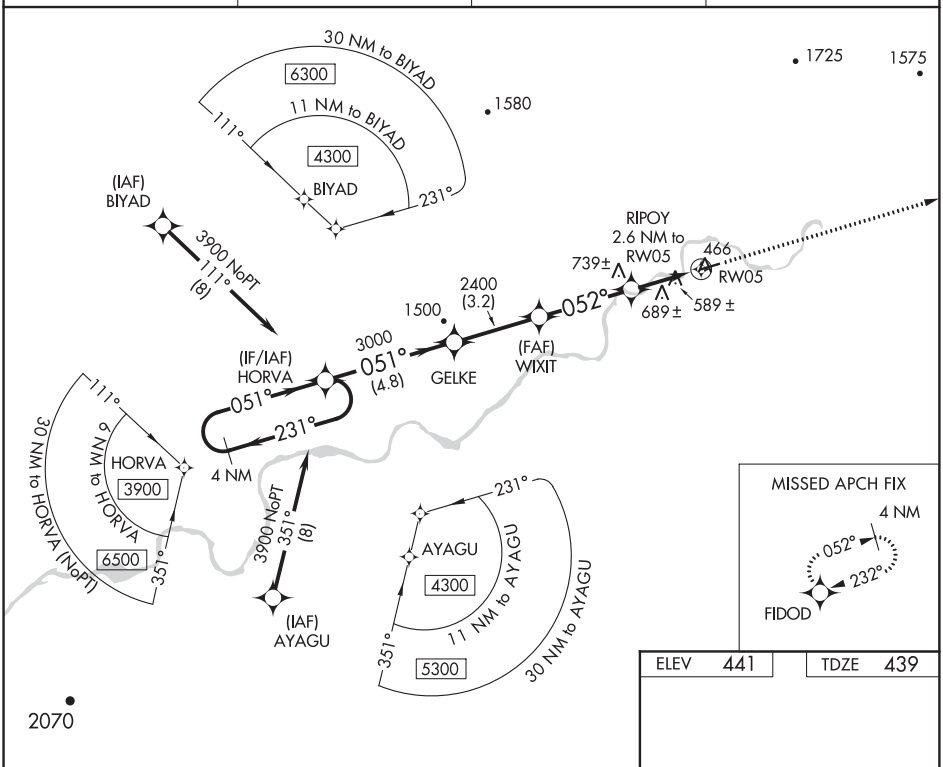
RNAV (GPS) RWY 5
ALLAKAKET (6A8) (PFAL)

NA
-44°C

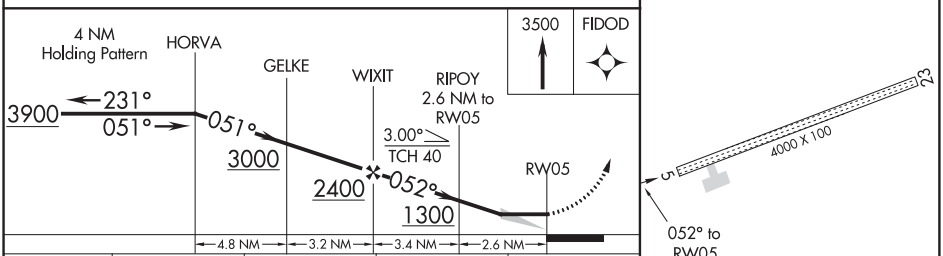
DME/DME RNP-0.3 NA. Use Bettles altimeter setting.

MISSED APPROACH: Climb to 3500 direct FIDOD and hold.

BTT/PABT ASOS	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.45	124.6 352.0	122.2	122.9 L



ELEV 441	TDZE 439



CATEGORY	A	B	C	D
LP MDA	960-1 521 (600-1)		960-1½ 521 (600-1½)	NA
LNAV MDA	1060-1 621 (700-1)		1060-1¾ 621 (700-1¾)	NA
CIRCLING	1100-1 659 (700-1)	1160-1 719 (800-1)	1200-2¼ 759 (800-2¼)	NA

MIRL Rwy 5-23 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 53622 W23A	APP CRS 232°	Rwy ldg 4000 TDZE 441 Apt Elev 441

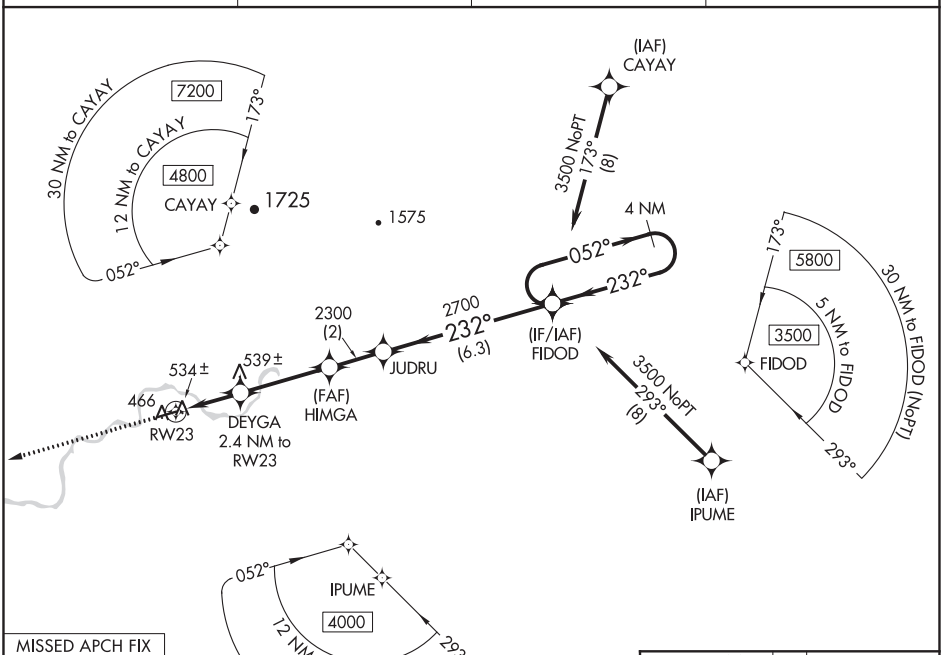
RNAV (GPS) RWY 23
ALLAKAKET (6A8) (PFAL)

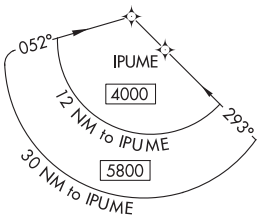
NA
-44°C

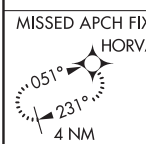
DME/DME RNP-0.3 NA. Visibility reduction by helicopter below ¾ SM NA. Use Bettles altimeter setting.

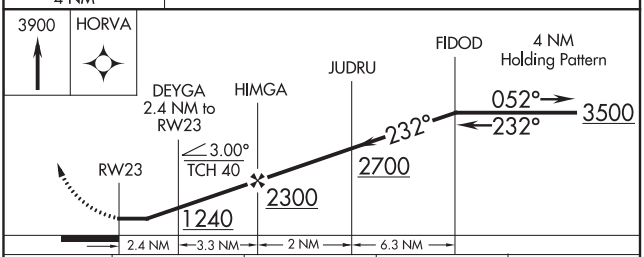
MISSED APPROACH: Climb to 3900 direct HORVA and hold, continue climb-in-hold to 3900.

BTT/PABT ASOS	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.45	124.6 352.0	122.2	122.9 L

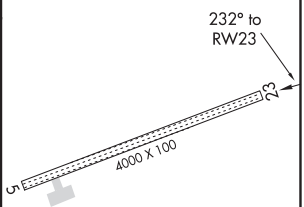








ELEV 441	TDZE 441



CATEGORY	A	B	C	D
LP MDA	900-1 459 (500-1)		900-1⅜ 459 (500-1⅜)	NA
LNAV MDA	900-1 459 (500-1)		900-1⅜ 459 (500-1⅜)	NA
CIRCLING	1100-1 659 (700-1)	1160-1 719 (800-1)	1200-2¼ 759 (800-2¼)	NA

MIRL Rwy 5-23 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

19339

DELTA JUNCTION/FORT GREELY, ALASKA

ILS or LOC/DME RWY 10

LOC/DME I-BIG	APCH CRS	Rwy ldg	6115
111.1	102°	TDZE	1253
Chan 48		Arpt Elev	1285

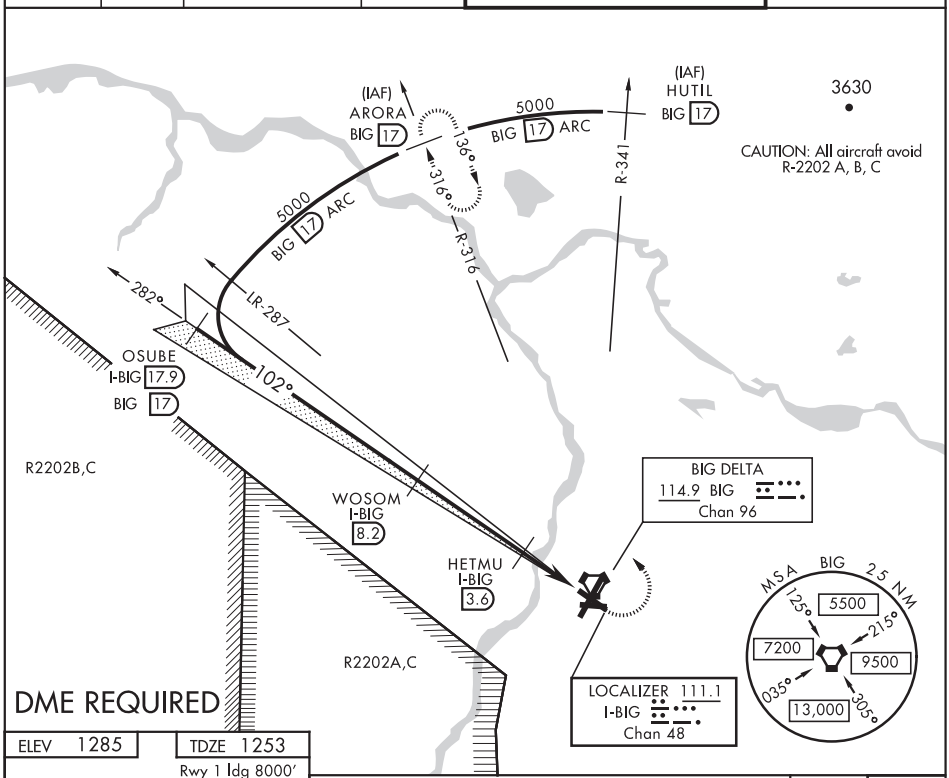
AL-1218 [USA]

ALLEN AAF (PABI)

T A * Circling not authorized East of Rwy 1-19.

MISSED APPROACH: Climb to 2200 then climbing left turn to 5000 via BIG R-316 to ARORA/BIG 17 DME and hold.

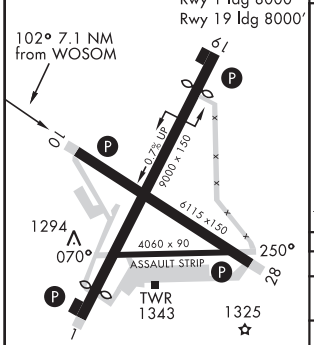
ATIS	ASOS	ANCHORAGE CENTER	CTAF	ALLEN TOWER ★	GND CON
132.075	135.65	135.3 322.5	122.9 L	119.8 235.775 40.8 (E) FM	118.225 251.05



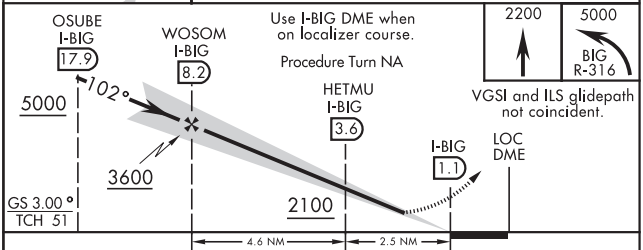
DME REQUIRED

ELEV 1285	TDZE 1253

Rwy 1 ldg 8000′
Rwy 19 ldg 8000′



HIRL Rwy 1-19 and 10-28 L
MIRL Rwy 070°-250° L
REIL Rwy 10-28



CATEGORY	A	B	C	D
S-ILS 10	1453-¾ 200 (200-¾)			
S-LOC 10	1560-1 307 (300-1)			
CIRCLING *	1720-1 435 (500-1)	1760-1 475 (500-1)	1760-1½ 475 (500-1½)	1860-2 575 (600-2)

DELTA JUNCTION/FORT GREELY, ALASKA 64°00′N-145°43′W ALLEN AAF (PABI)

Orig D 05DEC19

ILS or LOC/DME RWY 10

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DELTA JUNCTION/FORT GREELY, ALASKA

RNAV (GPS) RWY 10

APCH CRS	Rwy ldg	6115
101°	TDZE	1253
	Arpt Elev	1285

AL-1218 [USA]

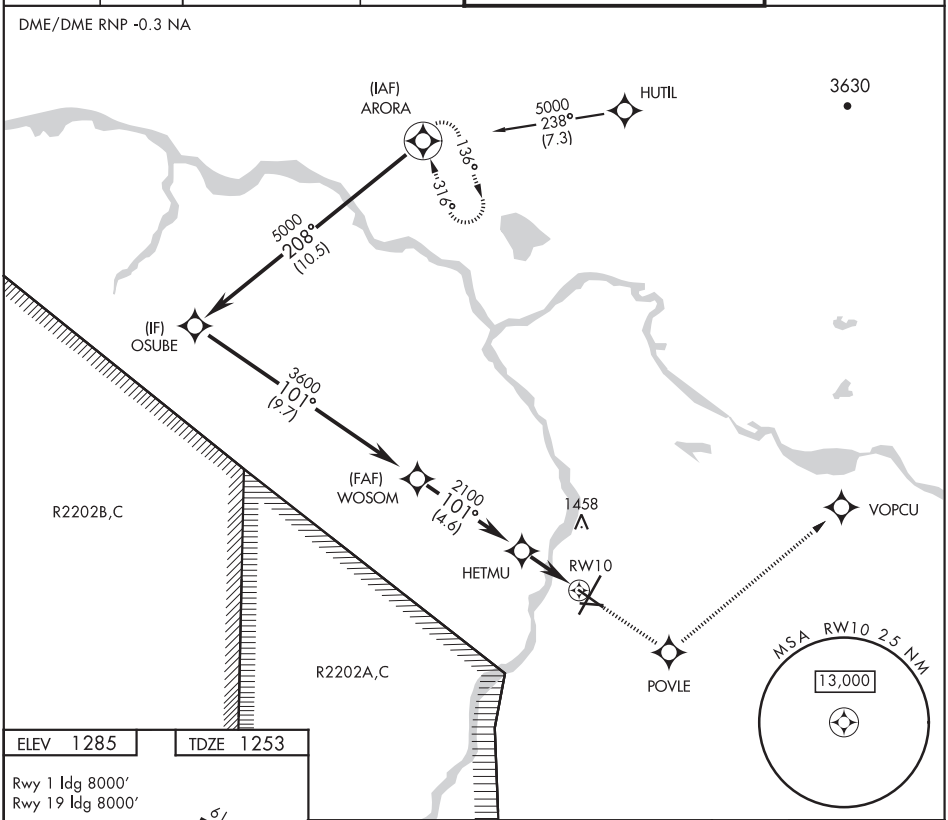
ALLEN AAF (PABI)

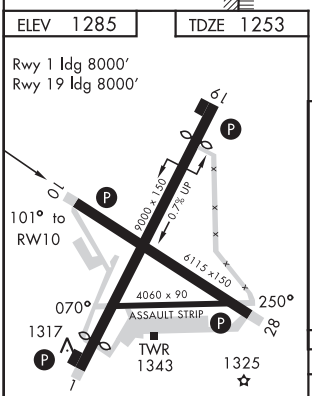
* Circling not authorized East of Rwy 1-19.

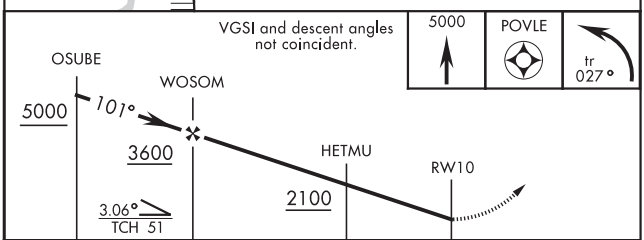
MISSED APPROACH: Climb to 5000 direct POVLE, and via 027° track to VOPCU, left turn via 289° track to ARORA and hold.

ATIS	ASOS	ANCHORAGE CENTER	CTAF	ALLEN TOWER ★	GND CON
132.075	135.65	135.3 322.5	122.9 L	119.8 235.775 40.8 (E) FM	118.225 251.05

DME/DME RNP -0.3 NA







CATEGORY	A	B	C	D
LNAV MDA	1580-1 327 (300-1)			
CIRCLING *	1720-1 435 (500-1)	1760-1 475 (500-1)	1760-1½ 475 (500-1½)	1860-2 575 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DELTA JUNCTION/FORT GREELY, ALASKA 64°00'N-145°43'W ALLEN AAF (PABI)

Orig C 05DEC19

RNAV (GPS) RWY 10

19339

DELTA JUNCTION/FORT GREELY, ALASKA

RNAV (GPS) RWY 19

APCH CRS	Rwy ldg	8000
187°	TDZE	1239
	Arpt Elev	1285

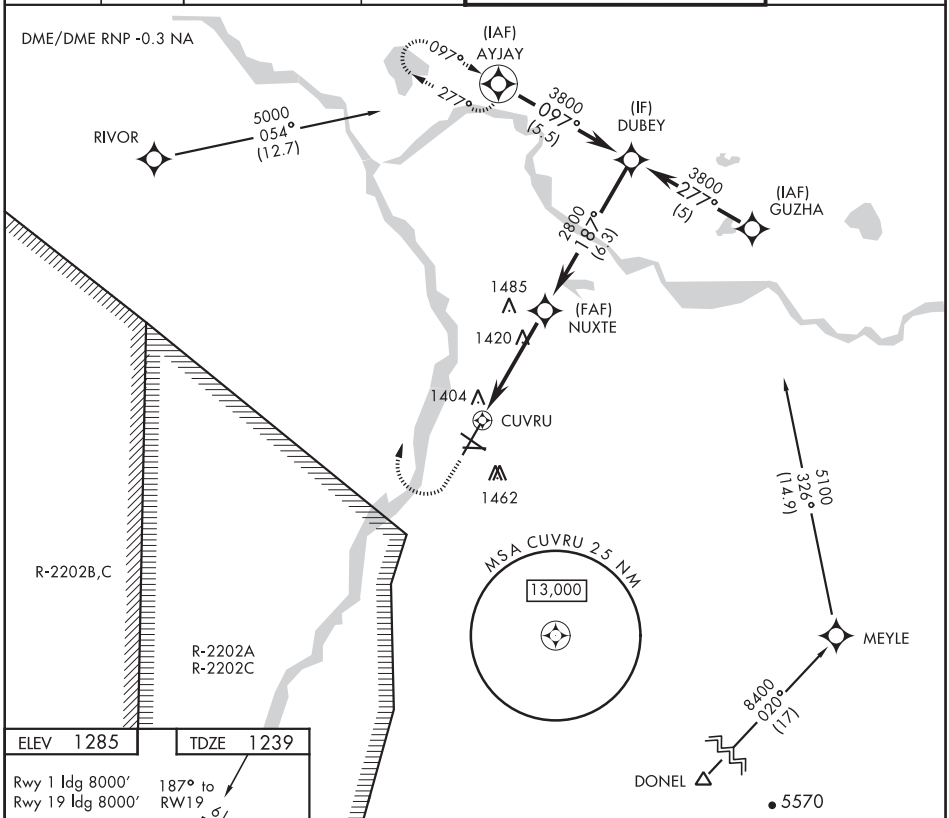
AL-1218 [USA]

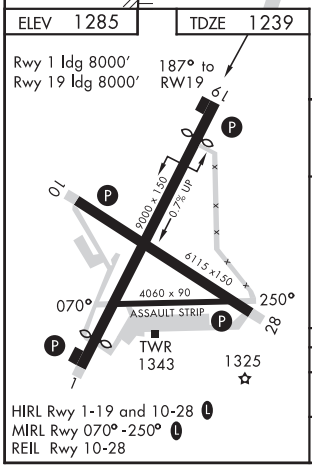
ALLEN AAF (PABI)

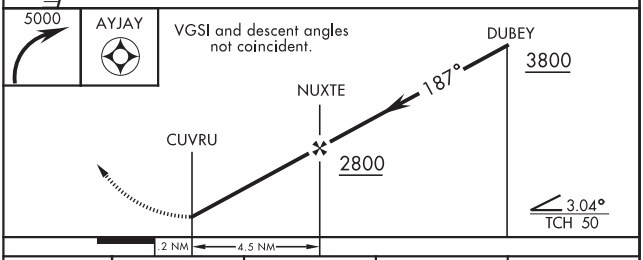
* Circling not authorized East of Rwy 1-19.

MISSED APPROACH: Climbing right turn to 5000, direct AYJAY and hold.

ATIS	ASOS	ANCHORAGE CENTER	CTAF	ALLEN TOWER ★	GND CON
132.075	135.65	135.3 322.5	122.9 L	119.8 235.775 40.8 (E) FM	118.225 251.05







CATEGORY	A	B	C	D
LNAV MDA	1720-1 481 (500-1)		1720-1¼ 481 (500-1¼)	1720-1½ 481 (500-1½)
CIRCLING *	1720-1 435 (500-1)	1760-1 475 (500-1)	1760-1½ 475 (500-1½)	1860-2 575 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DELTA JUNCTION/FORT GREELY, ALASKA

64°00'N-145°43'W

ALLEN AAF (PABI)

Orig B 05DEC19

RNAV (GPS) RWY 19

DELTA JUNCTION/FORT GREELY, ALASKA

VOR/DME or TACAN RWY 19

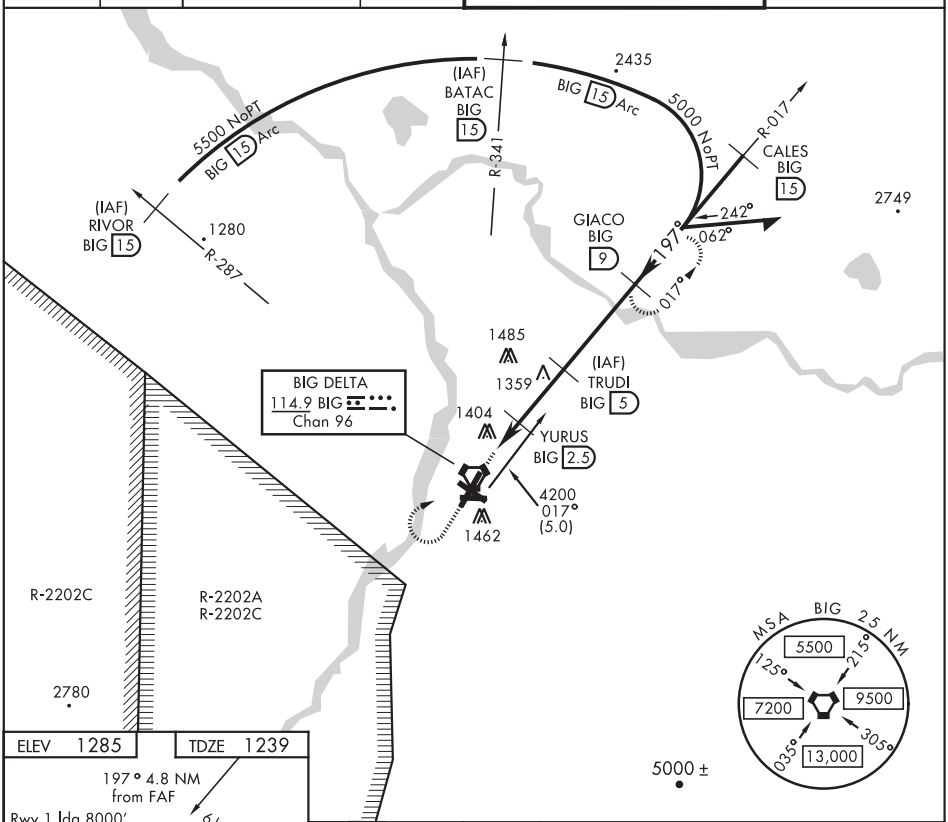
VORTAC BIG 114.9 Chan 96	APCH CRS 197°	Rwy ldg 8000 TDZE 1239 Arpt Elev 1285

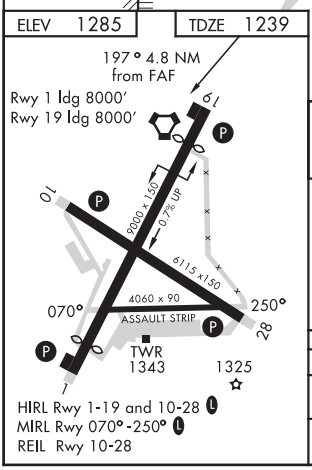
AL-1218 [USA] ALLEN AAF (PABI)

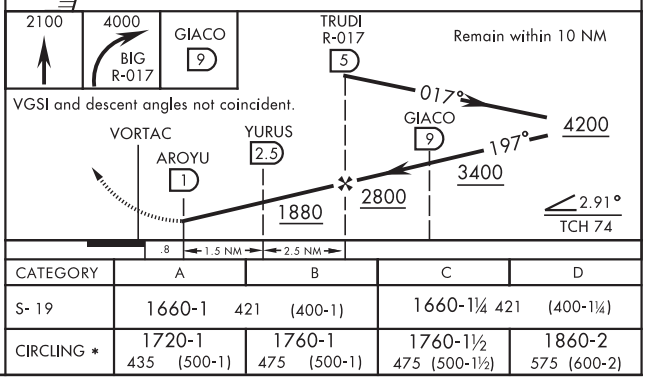
* Circling not authorized East of Rwy 1-19.

MISSED APPROACH: Climb to 2100, then climbing right turn to 4000 via BIG R-017 to GIACO/9 DME and hold.

ATIS	ASOS	ANCHORAGE CENTER	CTAF	ALLEN TOWER ★	GND CON
132.075	135.65	135.3 322.5	122.9 L	119.8 235.775 40.8 (E) FM	118.225 251.05







CATEGORY	A	B	C	D
S- 19	1660-1 421 (400-1)		1660-1¼ 421 (400-1¼)	
CIRCLING *	1720-1 435 (500-1)	1760-1 475 (500-1)	1760-1½ 475 (500-1½)	1860-2 575 (600-2)

DELTA JUNCTION/FORT GREELY, ALASKA 64°00'N-145°43'W ALLEN AAF (PABI)

Amdt 2B 19339

VOR/DME or TACAN RWY 19

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

19339

DELTA JUNCTION/FORT GREELY, ALASKA

VOR RWY 19

VORTAC BIG	APCH CRS	Rwy ldg	8000
114.9	197°	TDZE	1239
Chan 96		Arpt Elev	1285

AL-1218 [USA]

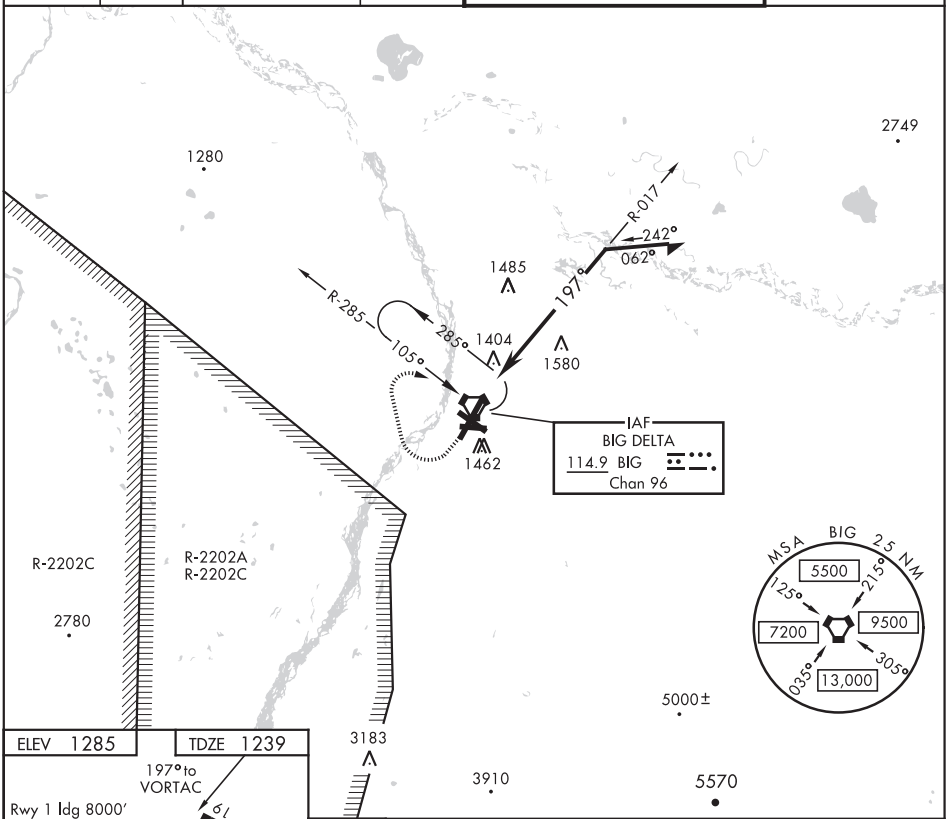
ALLEN AAF (PABI)

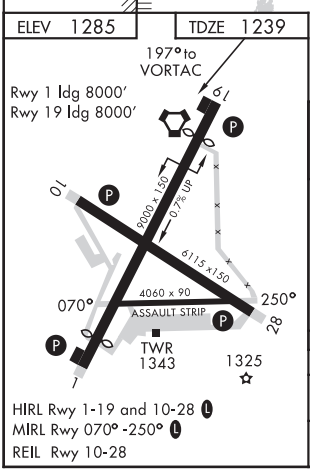
* Circling not authorized East of Rwy 1-19.

MISSED APPROACH: Climbing right turn to 4000 via BIG R-285, then right turn direct BIG VORTAC and hold.

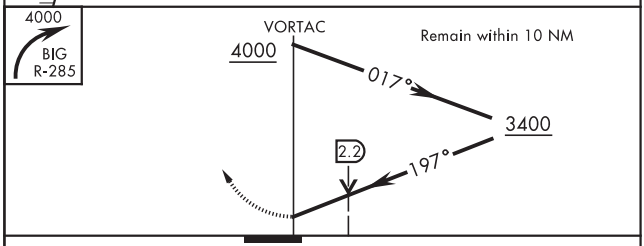
ATIS	ASOS	ANCHORAGE CENTER	CTAF	ALLEN TOWER ★	GND CON
132.075	135.65	135.3 322.5	122.9 L	119.8 235.775 40.8 (E) FM	118.225 251.05

AK, 05 NOV 2020 to 31 DEC 2020





HIRL Rwy 1-19 and 10-28 L
MIRL Rwy 070° -250° L
REIL Rwy 10-28



CATEGORY	A	B	C	D
S- 19	1940-1 701 (700-1)		1940-2 701 (700-2)	1940-2¼ 701 (700-2¼)
CIRCLING *	1940-1 655 (700-1)		1940-2 655 (700-2)	1940-2¼ 655 (700-2¼)

DELTA JUNCTION/FORT GREELY, ALASKA

NDB-A

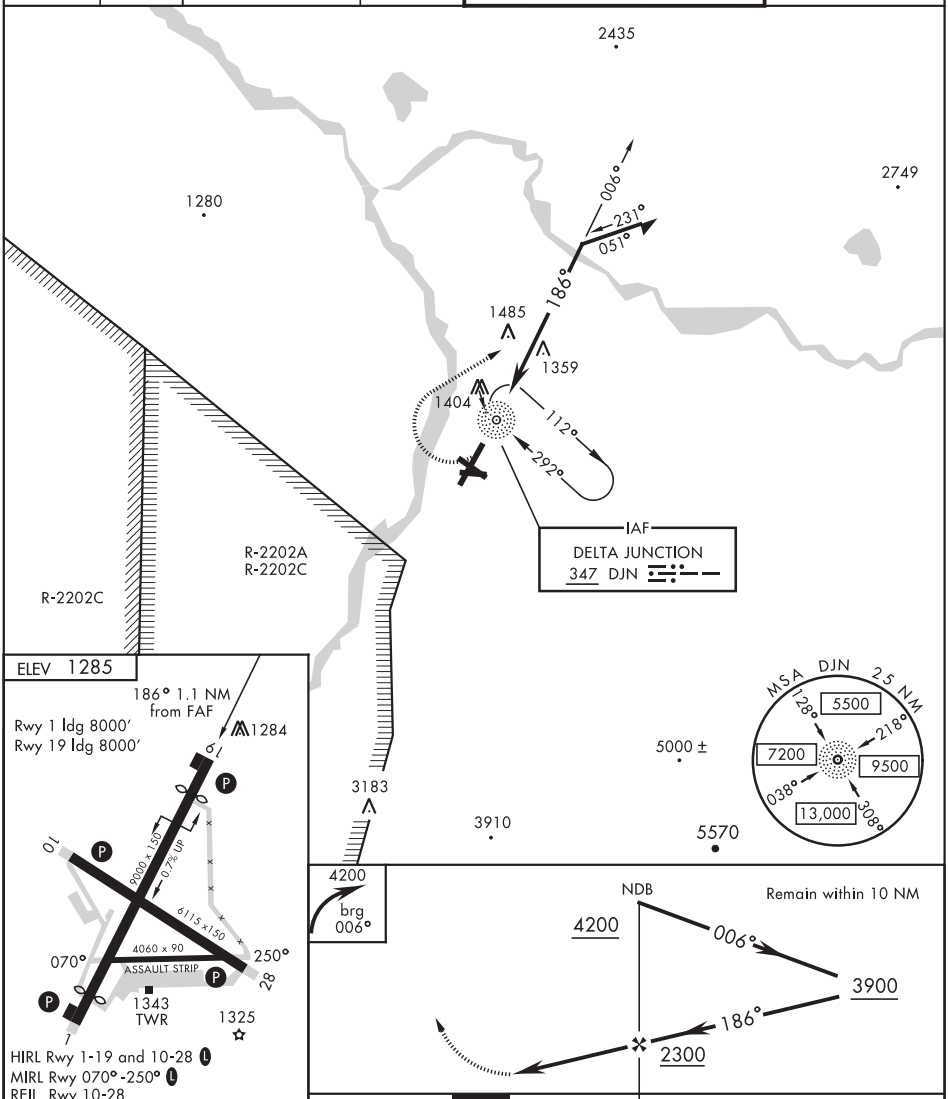
NDB DJN	APCH CRS	Rwy ldg	N/A
347	186°	TDZE	N/A
		Arpt Elev	1285

AL-1218 [USA] ALLEN AAF (PABI)

∗ Circling not authorized East of Rwy 1-19.

MISSED APPROACH: Climbing right turn to 4200 via 006° bearing from DJN NDB, then right turn direct DJN NDB and hold.

ATIS	ASOS	ANCHORAGE CENTER	CTAF	ALLEN TOWER ★	GND CON
132.075	135.65	135.3 322.5	122.9 L	119.8 235.775 40.8 (E) FM	118.225 251.05



FAF to MAP 1.1 NM					
Knots	60	90	120	150	180
Min:Sec	1:06	0:44	0:33	0:26	0:22

CATEGORY	A	B	C	D
CIRCLING ∗	1880-1 595 (600-1)		1880-1½ 595 (600-1½)	1900-2 615 (700-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AMBLER, ALASKA | AL-6686 (FAA) | 19339

WAAS CH 40439 W01A	APP CRS 009°	Rwy ldg 4000 TDZE 268 Apt Elev 293

RNAV (GPS) RWY 1
AMBLER (AFM) (PAFM)

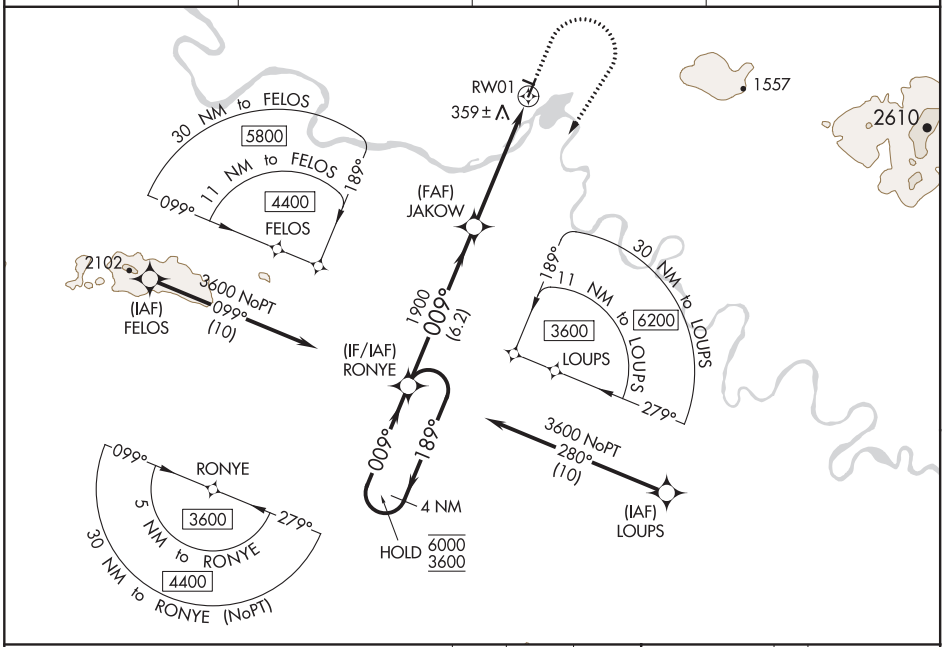
RNP APCH.

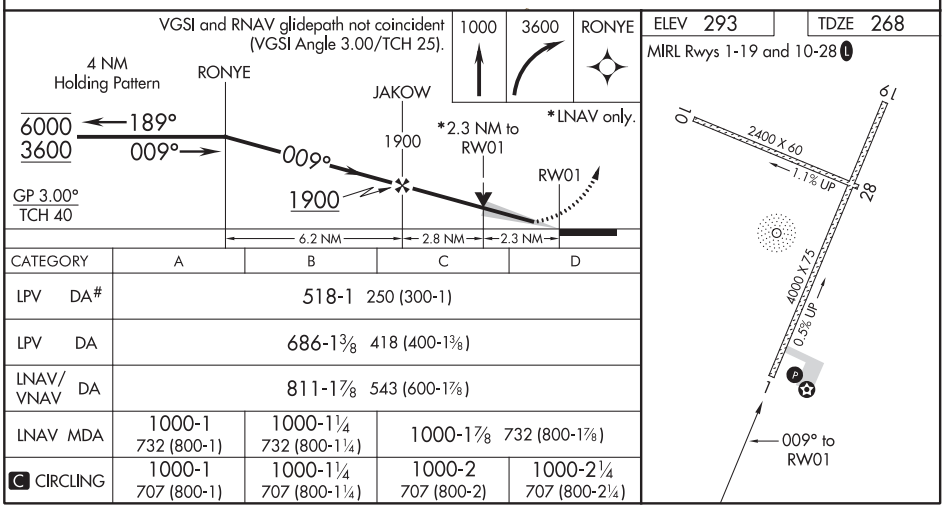
Circling NA west of Rwy 1-19. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 42°C.

-35°C

MISSED APPROACH: Climb to 1000 then climbing right turn to 3600 direct RONYE and hold, continue climb-in-hold to 3600.
#Missed approach requires minimum climb of 210 feet per NM to 2300.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
132.1	119.2 263.0	122.0	122.7 L





CATEGORY	A	B	C	D
LPV DA#	518-1 250 (300-1)			
LPV DA	686-1⅜ 418 (400-1⅜)			
LNAV/VNAV DA	811-1⅞ 543 (600-1⅞)			
LNAV MDA	1000-1 732 (800-1)	1000-1¼ 732 (800-1¼)	1000-1⅞ 732 (800-1⅞)	
C CIRCLING	1000-1 707 (800-1)	1000-1¼ 707 (800-1¼)	1000-2 707 (800-2)	1000-2¼ 707 (800-2¼)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	N/A
039°	TDZE	N/A
	Apt Elev	2106

RNAV (GPS)-A
ANAKTUVUK PASS (AKP) (PAKP)

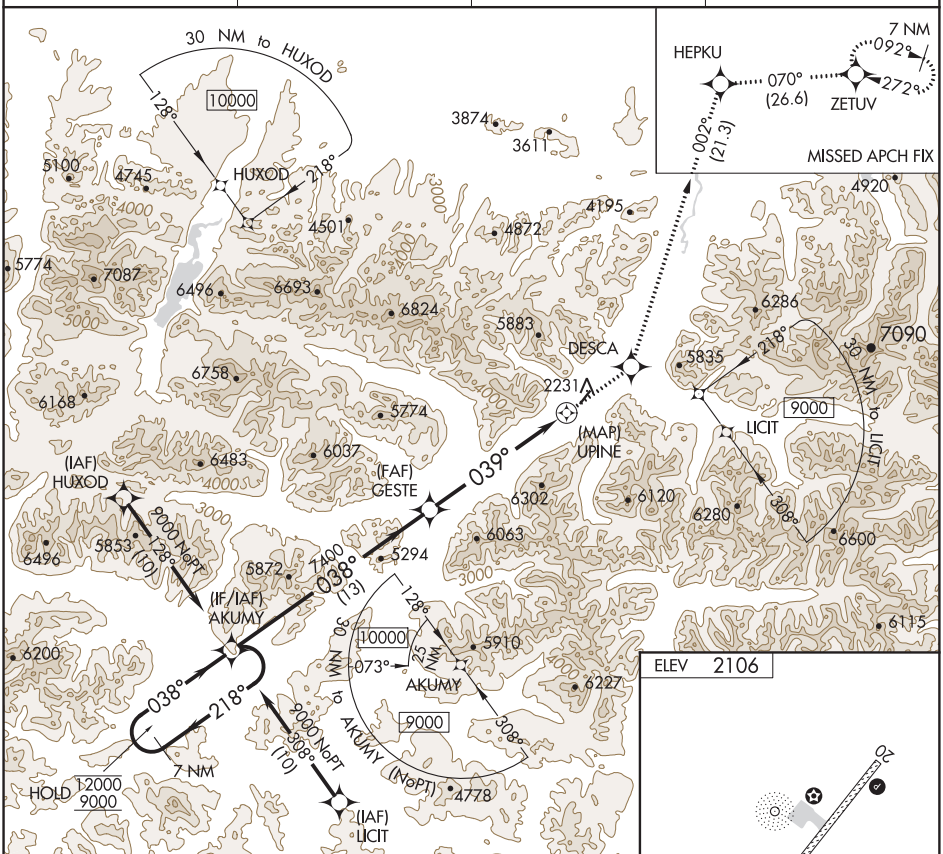
RNP APCH.

-31°C

Circling NA west of Rwy 2-20.

MISSED APPROACH: Climb to 10000 direct DESCA and on track 002° to HEPKU and track 070° to ZETUV and hold.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	UNICOM
135.75	124.6 352.0	122.15	122.8 (CTAF)



10000	DESCA	tr 002°	HEPKU	tr 070°	ZETUV

CATEGORY	A	B	C	D
C CIRCLING	5620-1¼ 3514 (4000-1¼)	5620-1½ 3514 (4000-1½)	6240-3 4134 (4200-3)	

MIRL Rwy 2-20
REIL Rwys 2 and 20

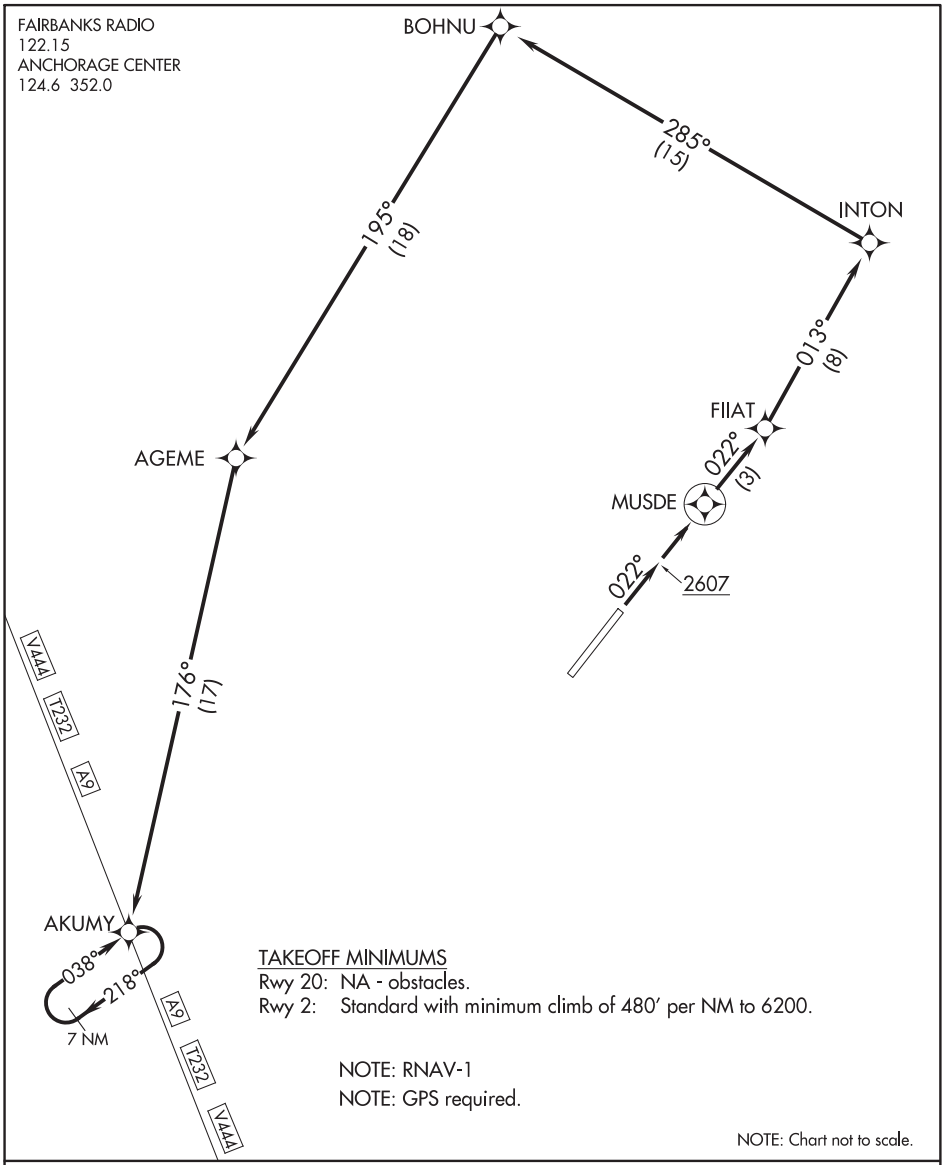
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

(AKUMY4.AKUMY) 20142 AL-9380 (FAA)

AKUMY FOUR DEPARTURE (OBSTACLE) (RNAV)

ANAKTUVUK PASS (AKP) (PAKP)
ANAKTUVUK PASS, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 022° to 2607, then direct to MUSDE, then on depicted route to AKUMY, maintain 9000 or higher as assigned.

APP CRS	Rwy ldg	N/A
089°	TDZE	N/A
	Apt Elev	137

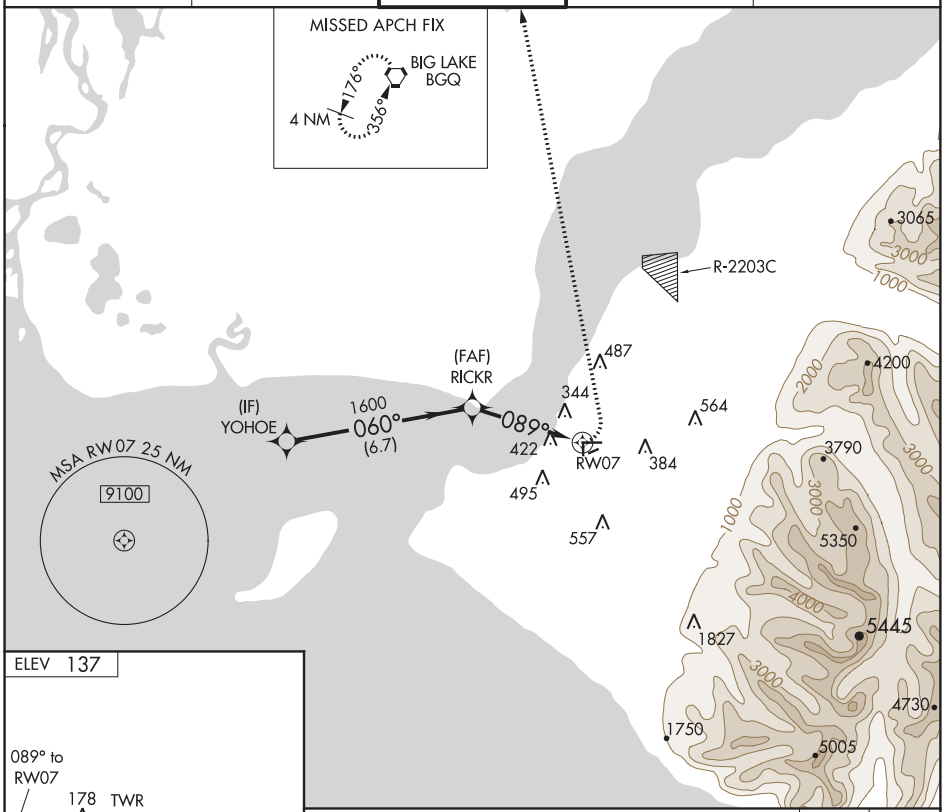
RNAV (GPS)-A

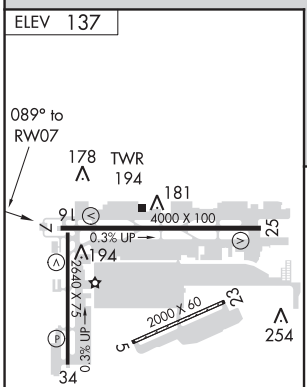
MERRILL FIELD (MRI) (PAMR)

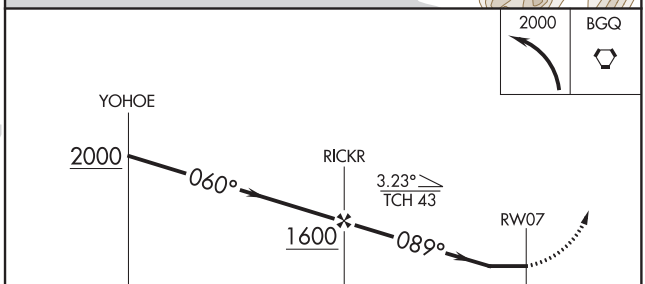
RNP APCH.

MISSED APPROACH: Climbing left turn to 2000 direct BGQ VORTAC and hold.

ATIS	ANCHORAGE APP CON	MERRILL TOWER ★	GND CON	UNICOM
124.25	119.1 363.2	126.0 (CTAF) L	121.7	122.95







REIL Rwys 7, 16, 25, and 34 L
MIRL Rwys 7-25 and 16-34 L

CATEGORY	A	B	C	D
CIRCLING	740-1 603 (700-1)		740-1¾ 603 (700-1¾)	NA

AK, 05 NOV 2020 to 31 DEC 2020

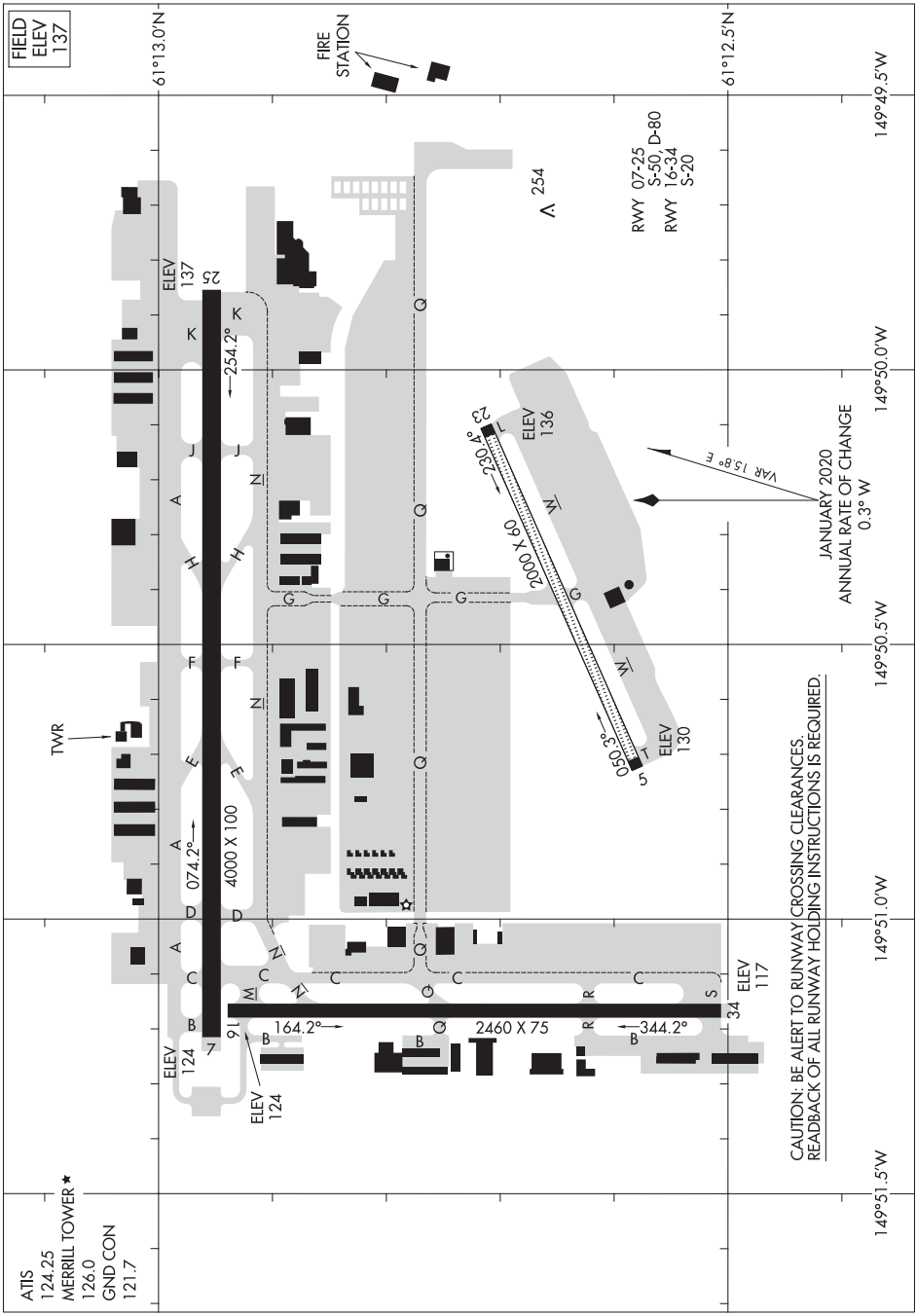
AK, 05 NOV 2020 to 31 DEC 2020

20086

AIRPORT DIAGRAM

AL-1522 (FAA)

MERRILL FIELD (MRI)(PAMR)
ANCHORAGE, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AIRPORT DIAGRAM
20086
ANCHORAGE, ALASKA
MERRILL FIELD (MRI)(PAMR)

ILS or LOC RWY 7L
TED STEVENS ANCHORAGE INTL (ANC)(PANC)

LOC/DME I-TGN	APP CRS	Rwy ldg 10600
109.9	074°	TDZE 128
Chan 36		Apt Elev 151

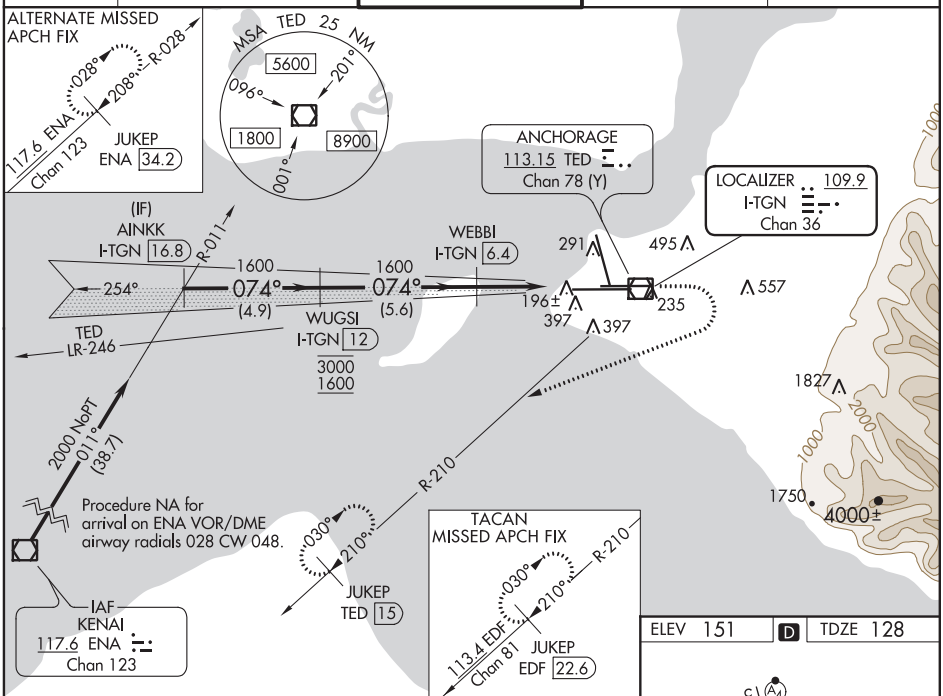
DME Required

For inop ALS, increase S-ILS 7L Cat E visibility to RVR 4000, S-LOC 7L Cats C, D and E visibility to RVR 5500.

MALSR

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 on heading 230° and TED VOR/DME R-210 to JUKEP/TED 15 DME and hold. (TACAN aircraft climb to 600 then climbing right turn to 3000 on heading 230° on EDF TACAN R-210 to JUKEP/EDF 22.6 DME and hold).

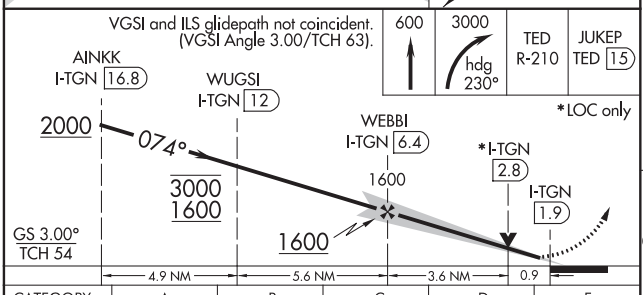
D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1



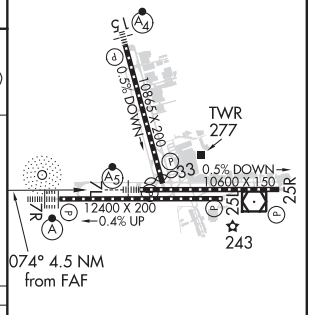
VGSI and ILS glidepath not coincident. (VGSI Angle 3.00/TCH 63).

600	3000 hdg 230°	TED R-210	JUKEP TED 15

*LOC only



ELEV 151 | D | TDZE 128



CATEGORY	A	B	C	D	E
S-ILS 7L	328/18 200 (200-½)				
S-LOC 7L	500/24 372 (400-½)		500/35 372 (400-⅝)		
C CIRCLING	700-1 549 (600-1)		800-1¾ 649 (700-1¾)	920-2½ 769 (800-2½)	920-2¾ 769 (800-2¾)

REIL Rwy 33
TDZ/CL Rwys 7L and 7R
HIRL all Rwys

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE, ALASKA

AL-1500 (FAA)

20030

ILS or LOC RWY 7R

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

LOC/DME I-ANC	APP CRS		7R	7L
111.3	074°	Rwy ldg	12400	10600
Chan 50		TDZE	132	128
		Apt Elev	151	151

DME required.

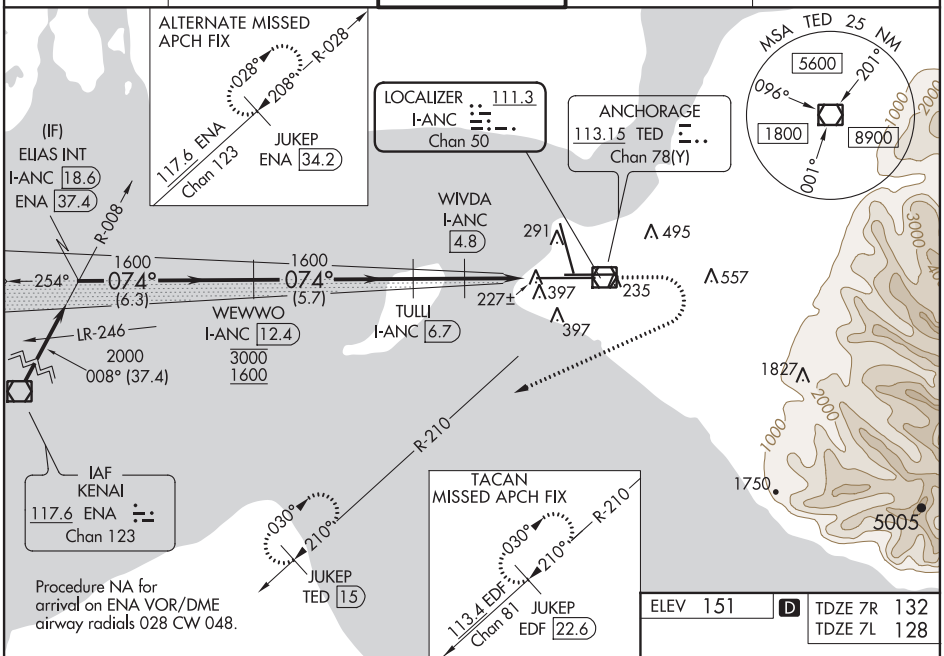
For inop ALS, increase S-ILS 7R Cat E visibility to RVR 4000, and S-LOC 7R Cat E visibility to RVR 6000. Rwy 7L threshold 6140 feet east of Rwy 7R threshold.

ALSF-2 Rwy 7R

MALSR Rwy 7L

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 on heading 230° TED VOR/DME R-210 to JUKEP/TED 15 DME and hold. (TACAN aircraft climb to 600 then climbing right turn to 3000 on heading 230° and EDF TACAN R-210 to JUKEP/EDF 22.6 DME and hold).

D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1



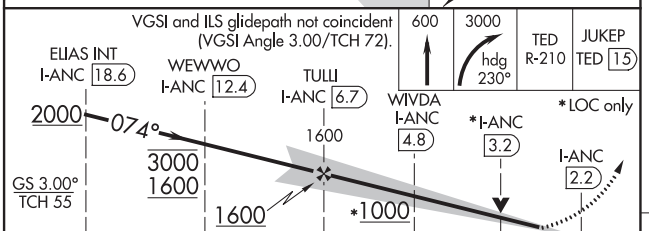
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

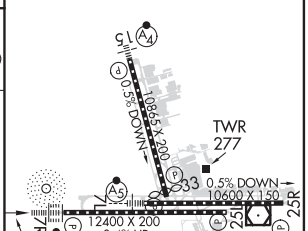
ELEV 151 D TDZE 7R 132 TDZE 7L 128

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 72).

600 3000 hdg 230° TED R-210 JUKEP TED 15



CATEGORY	A	B	C	D	E
S-ILS 7R	332/18 200 (200-½)				
S-LOC 7R	520/24 388 (400-½)		520/35 388 (400-⅝)		
S-LOC SIDESTEP 7L	520/55 392 (400-1)			520-1½ 392 (400-1½)	
C CIRCLING	700-1 549 (600-1)	800-1¾ 649 (700-1¾)	920-2½ 769 (800-2½)	920-2¾ 769 (800-2¾)	



REIL Rwy 33
TDZ/CL Rwys 7L and 7R
HIRL all Rwys

ANCHORAGE, ALASKA
Amdt 4 10OCT19

61°10′N-150°00′W

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

ILS or LOC RWY 7R

ILS RWY 15

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

LOC/DME I-BSC	APP CRS	Rwy ldg	10000
111.75	149°	TDZE	151
Chan 54 (Y)		Apt Elev	151

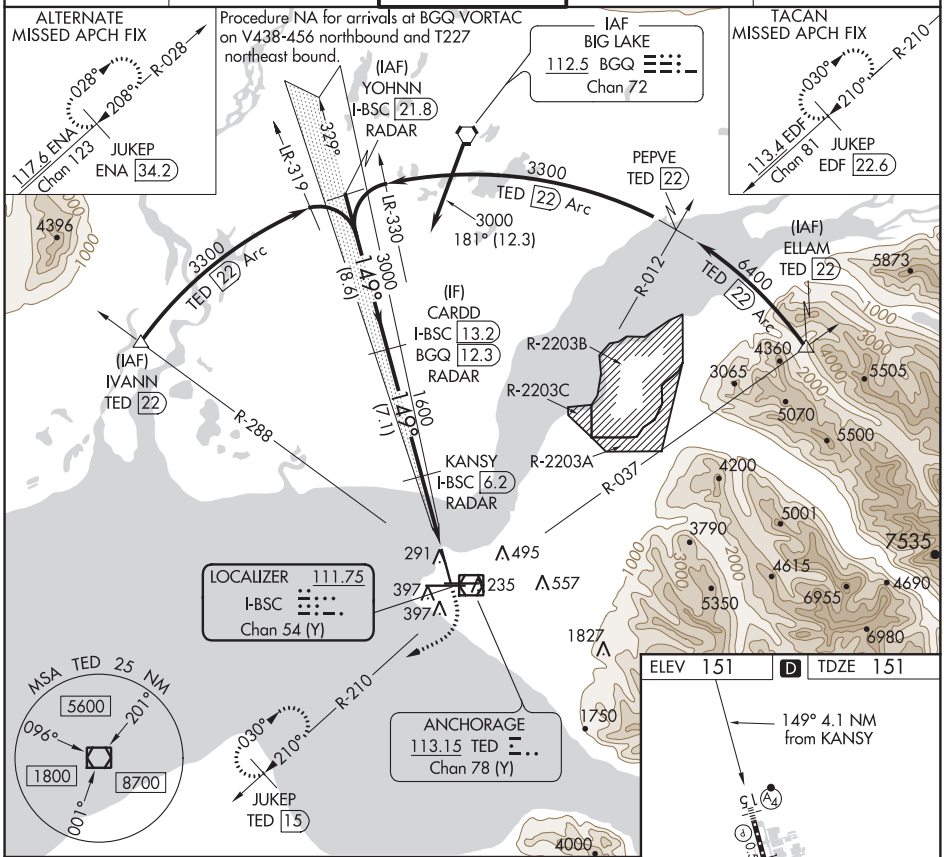
DME required.

Inop table does not apply.

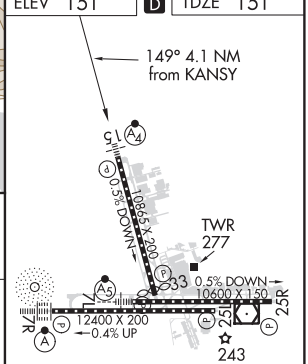
MALSF

MISSED APPROACH: Climb to 800 then climbing right turn to 3000 on heading 200° and TED VOR/DME R-210 to JUKEP/TED 15 DME and hold. (TACAN aircraft climb to 800 then climbing right turn to 3000 on heading 200 and on EDF TACAN R-210 to JUKEP/EDF 22.6 DME and hold

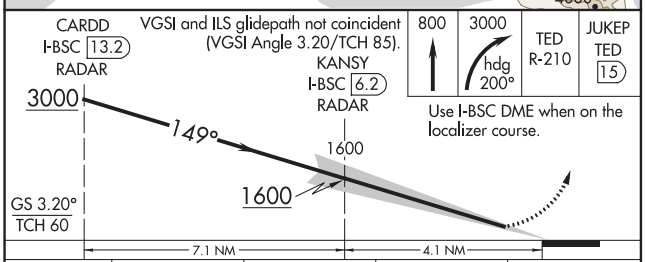
D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1



ELEV 151 D TDZE 151



REIL Rwy 33
TDZ/CL Rwys 7L and 7R
HIRL all Rwys



800	3000	TED R-210	JUKEP TED 15
	hdg 200°		

Use I-BSC DME when on the localizer course.

CATEGORY	A	B	C	D
S-ILS 15	351/40	200 (200-¾)	401/40	250 (300-¾)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE, ALASKA

AL-1500 (FAA)

20030

LOC/DME I-ANC	APP CRS	Rwy ldg	12400
111.3	074°	TDZE	132
Chan 50		Apt Elev	151

ILS RWY 7R (SA CAT I)

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

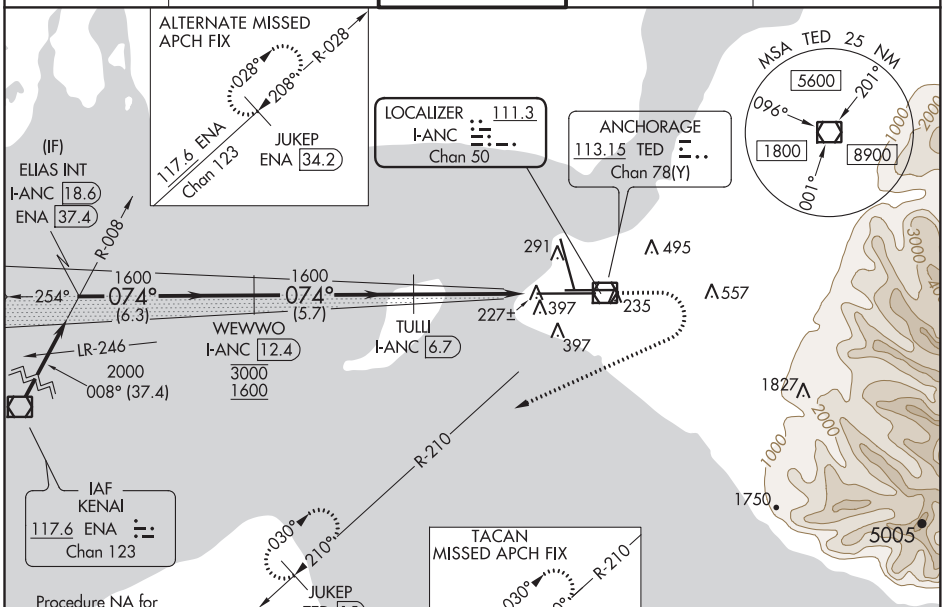
DME required.

Rwy 7L threshold 6140 feet east of Rwy 7R threshold. Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 on heading 230° TED VOR/DME R-210 to JUKEP/TED 15 DME and hold. (TACAN aircraft climb to 600 then climbing right turn to 3000 on heading 230° and EDF TACAN R-210 to JUKEP/EDF 22.6 DME and hold).

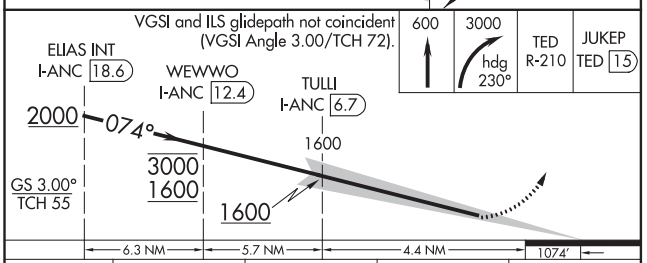
D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1



ELEV 151 | D | TDZE 132

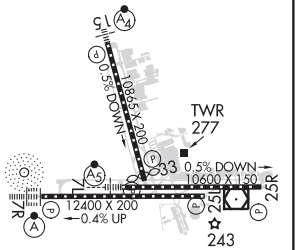
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 72).

600	3000	TED	JUKEP
	hdg 230°	R-210	TED 15



CATEGORY	A	B	C	D
S-ILS 7R	RA 245/14 150 DA 282			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



REIL Rwy 33
TDZ/CL Rwys 7L and 7R
HIRL all Rwys

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC/DME I-TGN	APP CRS	Rwy ldg	10600
109.9	074°	TDZE	128
Chan 36		Apt Elev	151

ILS RWY 7L (SA CAT I & II)
TED STEVENS ANCHORAGE INTL (ANC)(PANC)

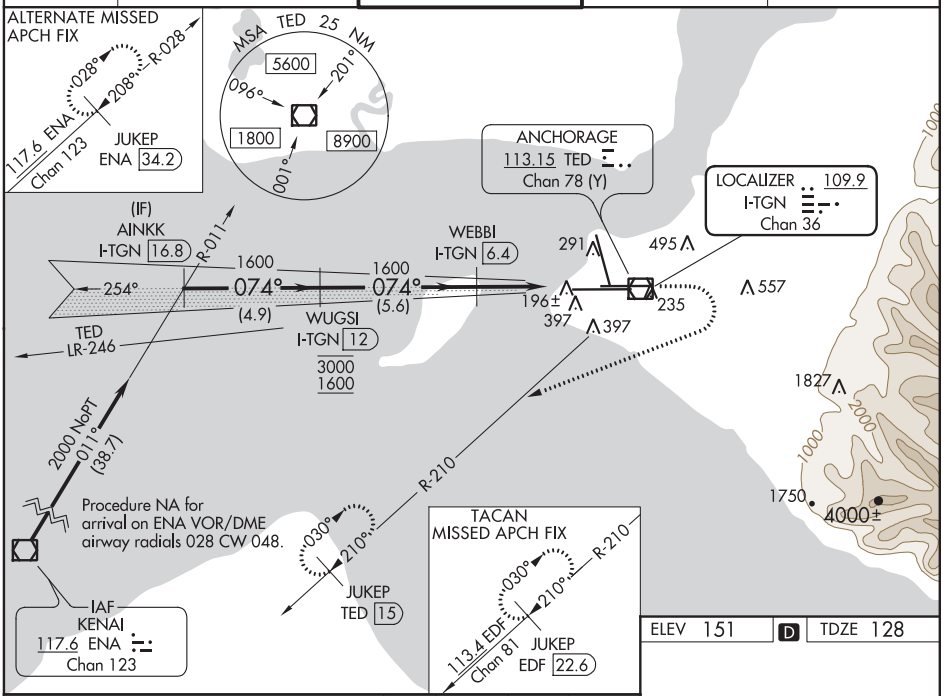
DME Required

SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.
SA CAT II: Reduced lighting: requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

MALSR

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 on heading 230° and TED VOR/DME R-210 to JUKEP/TED 15 DME and hold. (TACAN aircraft climb to 600 then climbing right turn to 3000 on heading 230° on EDF TACAN R-210 to JUKEP/EDF 22.6 DME and hold).

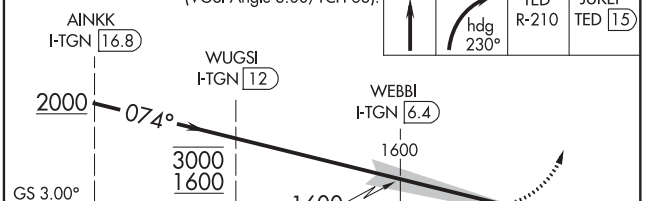
D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1



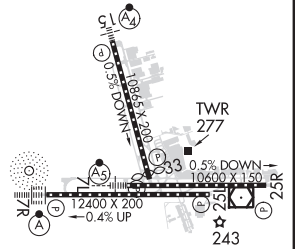
ELEV 151 D TDZE 128

VGSI and ILS glidepath not coincident. (VGSI Angle 3.00/TCH 63).

600	3000	TED R-210	JUKEP TED 15
	hdg 230°		



CATEGORY	A	B	C	D
S-ILS 7L	SA CAT I RA 158/14 150 DA 278			
S-ILS 7L	SA CAT II RA 108/12 100 DA 228			



SA CATEGORY I & II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

REIL Rwy 33
TDZ/CL Rwys 7L and 7R
HIRL all Rwys

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE, ALASKA | AL-1500 (FAA) | 20030

LOC/DME I-ANC	APP CRS	Rwy ldg	12400
111.3	074°	TDZE	132
Chan 50		Apt Elev	151

ILS RWY 7R (CAT II & III)
TED STEVENS ANCHORAGE INTL (ANC) (PANC)

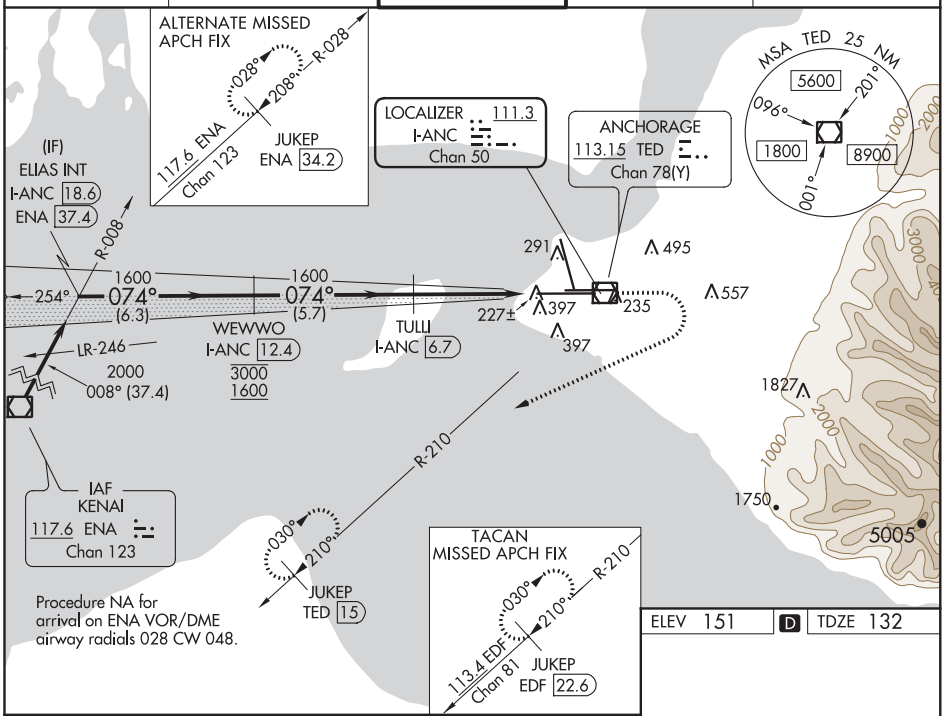
DME required.

Rwy 7L threshold 6140 feet east of Rwy 7R threshold. CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 on heading 230° TED VOR/DME R-210 to JUKEP/TED 15 DME and hold. (TACAN aircraft climb to 600 then climbing right turn to 3000 on heading 230° and EDF TACAN R-210 to JUKEP/EDF 22.6 DME and hold).

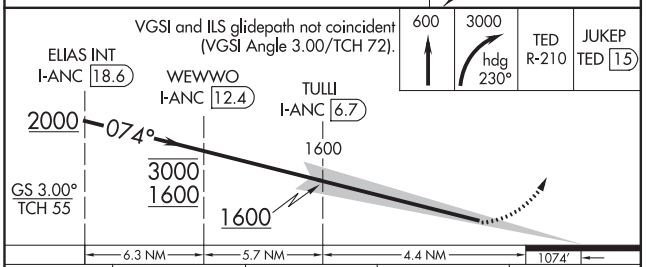
D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1



ELEV 151 | D | TDZE 132

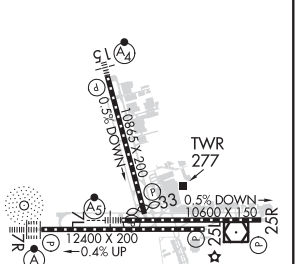
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 72).

600	3000	TED R-210	JUKEP TED 15
	hdg 230°		



CATEGORY	A	B	C	D
S-ILS 7R	CAT II RA 115/12 100 DA 232			
S-ILS 7R	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



REIL Rwy 33
TDZ/CL Rwys 7L and 7R
HIRL all Rwys

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	10400
329°	TDZE	121
	Apt Elev	151

RNAV (RNP) RWY 33

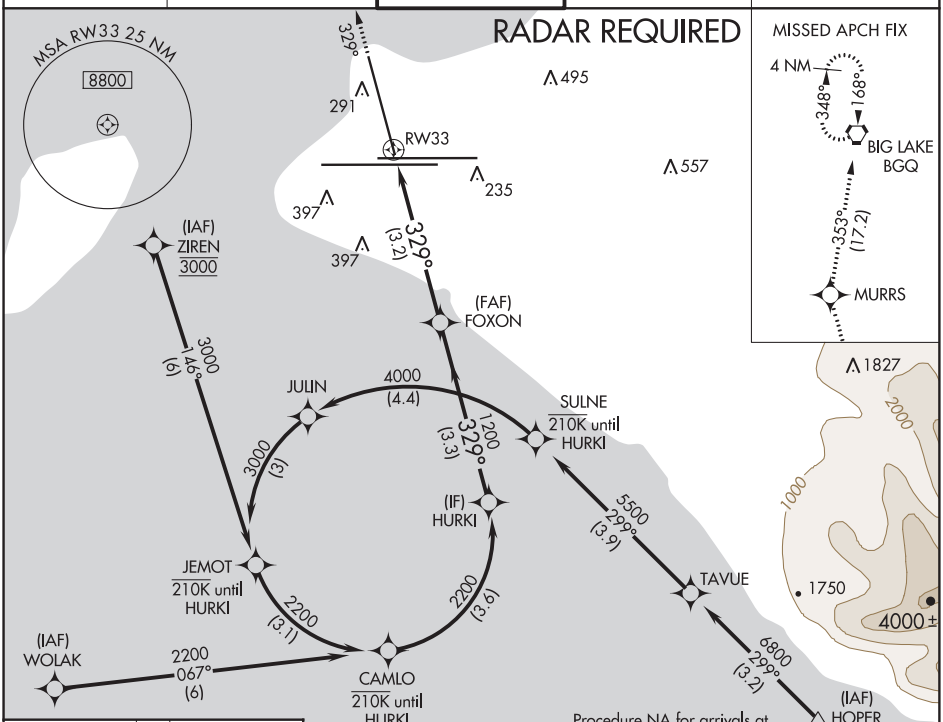
TED STEVENS ANCHORAGE INTL (ANC) (PANC)

RNP AR APCH. RF required.

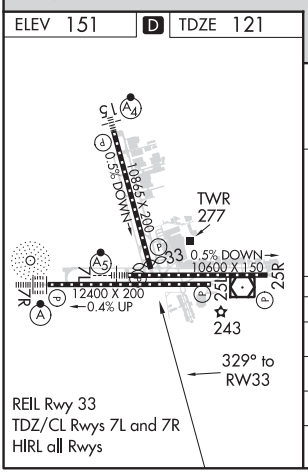
For uncompensated Baro-VNAV systems, procedure NA below -17°C or above 54°C.

MISSED APPROACH: Climb to 4000 on the RNAV missed approach route to BGQ VORTAC and hold.

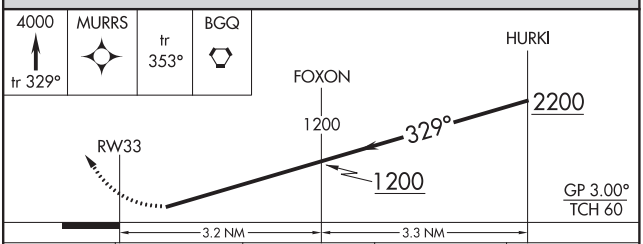
D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1



ELEV 151 D TDZE 121



4000 ↑ tr 329°	MURRS	tr 353°	BGQ



CATEGORY	A	B	C	D
RNP 0.11 DA	463-1 342 (400-1)			
RNP 0.20 DA	525-1⅛ 404 (400-1⅛)			
RNP 0.30 DA	687-1⅝ 566 (600-1⅝)			

AUTHORIZATION REQUIRED

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE, ALASKA | AL-1500 (FAA) | 20030

APP CRS	Rwy ldg	12400
074°	TDZE	132
	Apt Elev	151

RNAV (RNP) Z RWY 7R

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

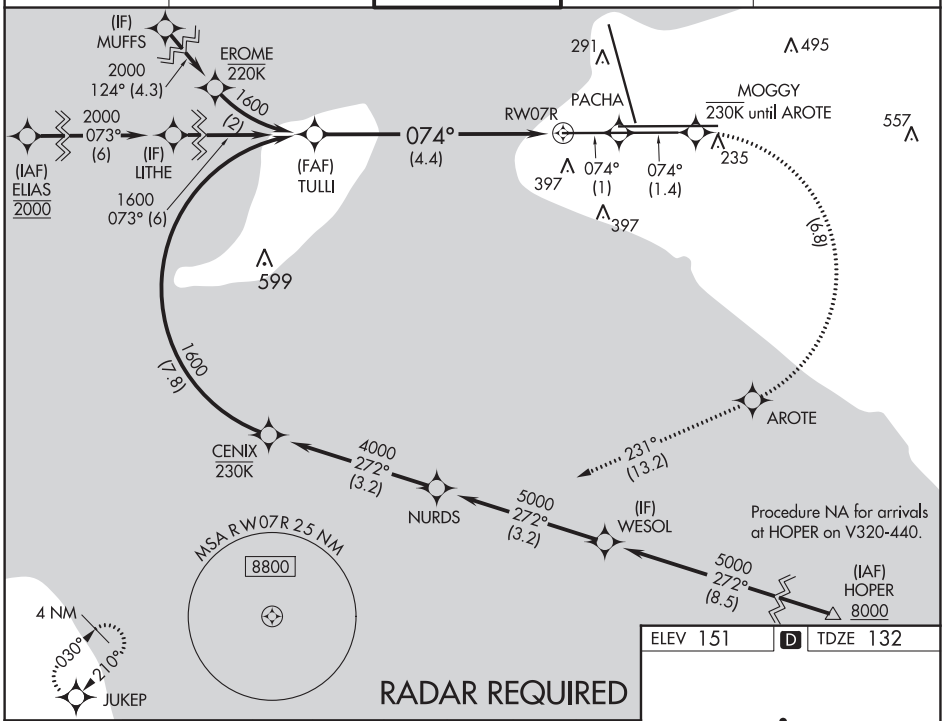
RNP AR APCH, RF required.

Missed approach requires RNP less than 1.0.
For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F).
For inop ALS, increase RNP 0.30 all Cats visibility to 1⅜ SM.

ALSF-2

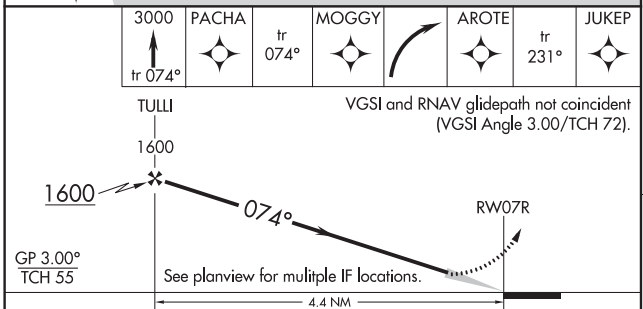
MISSED APPROACH: Climb to 3000 on the missed approach route to JUKEP and hold.

D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1



3000 tr 074°	PACHA	tr 074°	MOGGY		AROTE	tr 231°	JUKEP

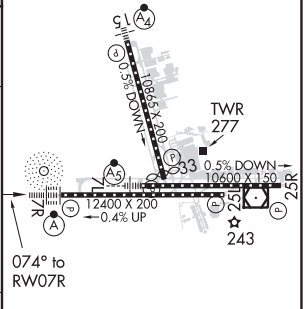
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 72).



CATEGORY	A	B	C	D
RNP 0.30 DA	562/50 430 (500-1)			

AUTHORIZATION REQUIRED

ELEV 151 | D | TDZE 132



REIL Rwy 33
TDZ/CL Rwys 7L and 7R
HIRL all Rwys

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 86215 W07B	APP CRS 074°	Rwy ldg 10600 TDZE 128 Apt Elev 151

RNAV (GPS) RWY 7L

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

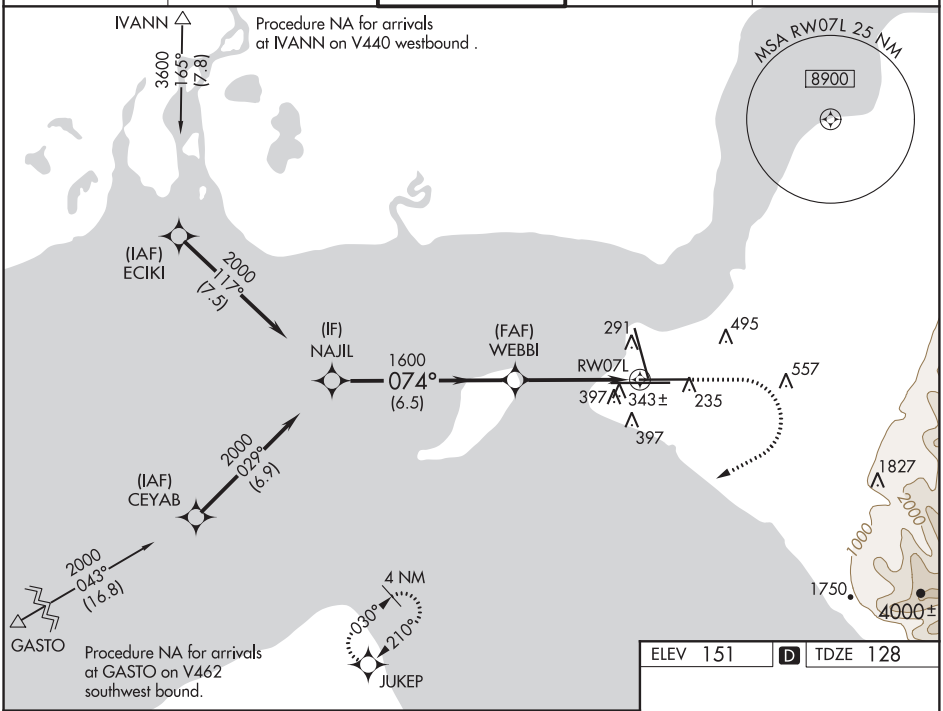
RNP APCH.

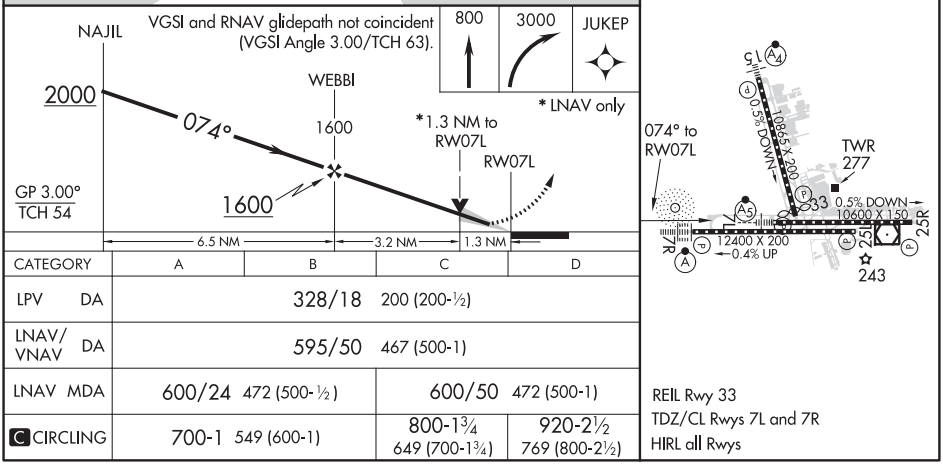
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats and LNAV Cat C/D visibility to 1⅜ SM.

MALSR

MISSED APPROACH: Climb to 800 then climbing right turn to 3000 direct JUKEP and hold.

D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1





CATEGORY	A	B	C	D
LPV DA	328/18 200 (200-½)			
LNAV/VNAV DA	595/50 467 (500-1)			
LNAV MDA	600/24 472 (500-½)		600/50 472 (500-1)	
C CIRCLING	700-1 549 (600-1)		800-1¾ 649 (700-1¾)	920-2½ 769 (800-2½)

REIL Rwy 33
TDZ/CL Rwys 7L and 7R
HIRL all Rwys

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE, ALASKA | AL-1500 (FAA) | 20030

WAAS CH 90115 W15A	APP CRS 149°	Rwy ldg 10000 TDZE 151 Apt Elev 151

RNAV (GPS) RWY 15

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

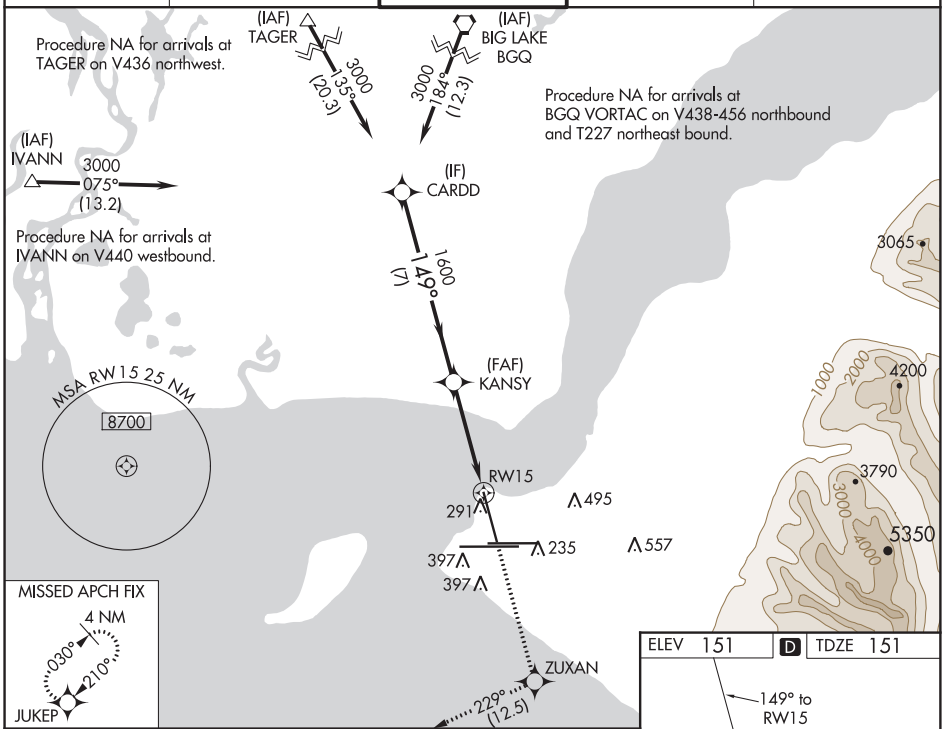
RNP APCH.

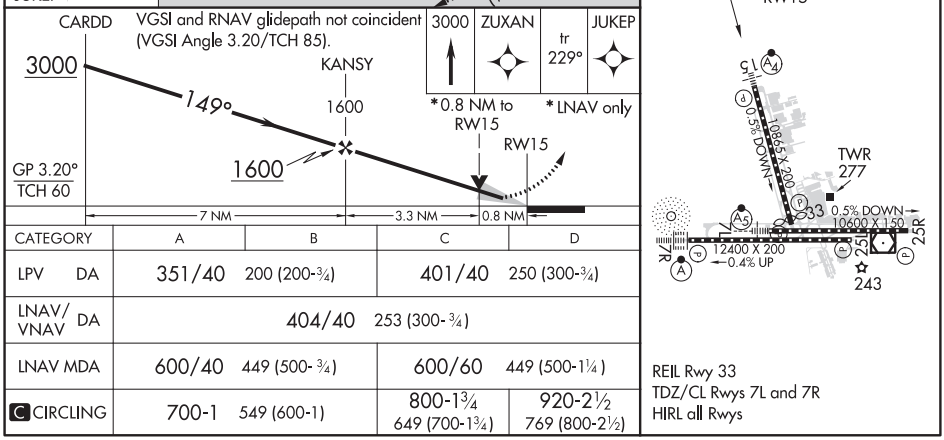
T A Inop table does not apply to LPV, LNAV/VNAV. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C. For inop ALS, increase LNAV Cat C/D visibility to 1⅜ SM.

MASF (A4)

MISSED APPROACH: Climb to 3000 direct ZUXAN and on track 229° to JUKEP and hold.

D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1





CATEGORY	A	B	C	D
LPV DA	351/40 200 (200-¾)		401/40 250 (300-¾)	
LNAV/VNAV DA	404/40 253 (300-¾)			
LNAV MDA	600/40 449 (500-¾)		600/60 449 (500-1¼)	
C CIRCLING	700-1 549 (600-1)		800-1¾ 649 (700-1¾)	920-2½ 769 (800-2½)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) Y RWY 7R

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

WAAS CH 81815 W07A	APP CRS 074°	Rwy ldg 12400 TDZE 132 Apt Elev 151

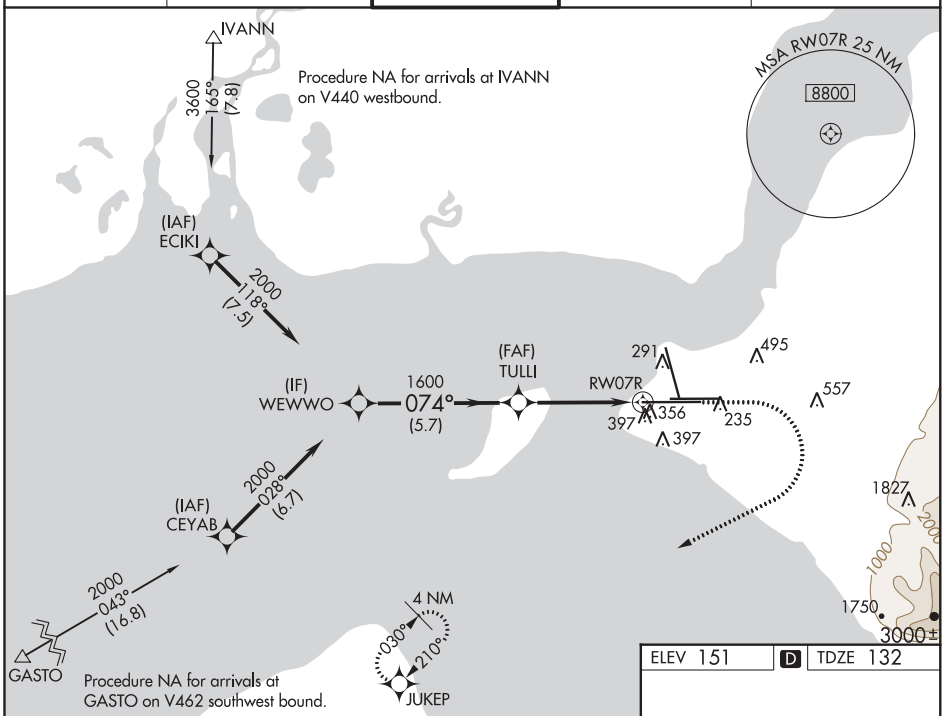
RNP APCH.

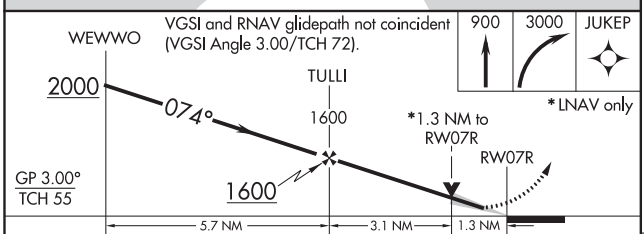
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats and LNAV Cat C/D visibility to 1⅜ SM.

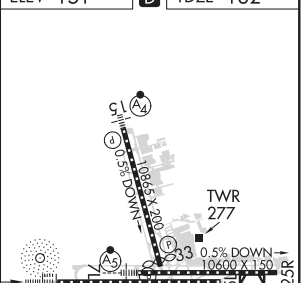
ALSF-2

MISSED APPROACH: Climb to 900 then climbing right turn to 3000 direct JUKEP and hold.

D-ATIS	ANCHORAGE APP CON	ANCHORAGE TOWER	GND CON	CLNC DEL
135.5	118.6 290.5	118.3 257.8	121.9 338.25	119.4 323.1







CATEGORY	A	B	C	D
LPV DA	332/18 200 (200-½)			
LNAV/VNAV DA	648/55 516 (500-1)			
LNAV MDA	620/24 488 (500-½)		620/50 488 (500-1)	
C CIRCLING	700-1 549 (600-1)		800-1¾ 649 (700-1¾)	920-2½ 769 (800-2½)

REIL Rwy 33
TDZ/CL Rwys 7L and 7R
HIRL all Rwys

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

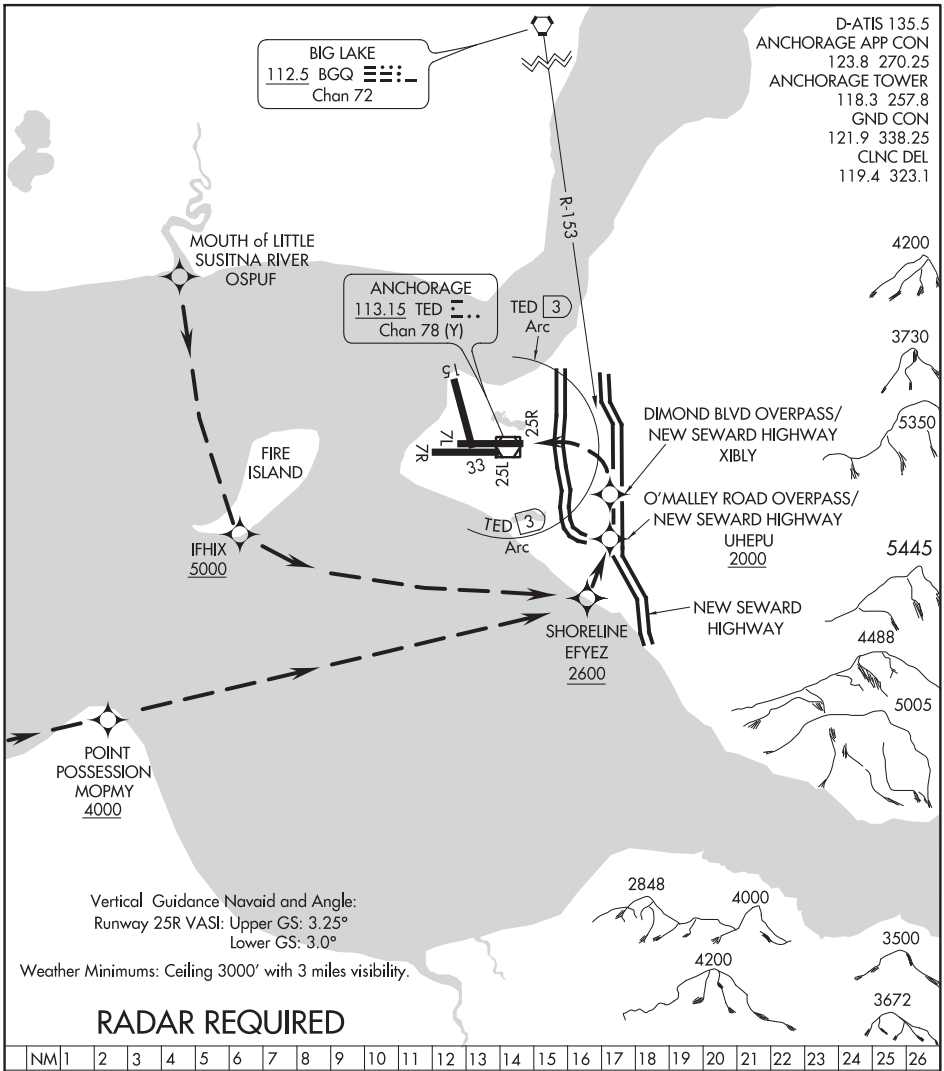
18144

TED STEVENS ANCHORAGE INTL (ANC) (PANC)

HIGHWAY VISUAL RWY 25R

AL-1500 (FAA)

ANCHORAGE, ALASKA



HIGHWAY VISUAL RWY 25R

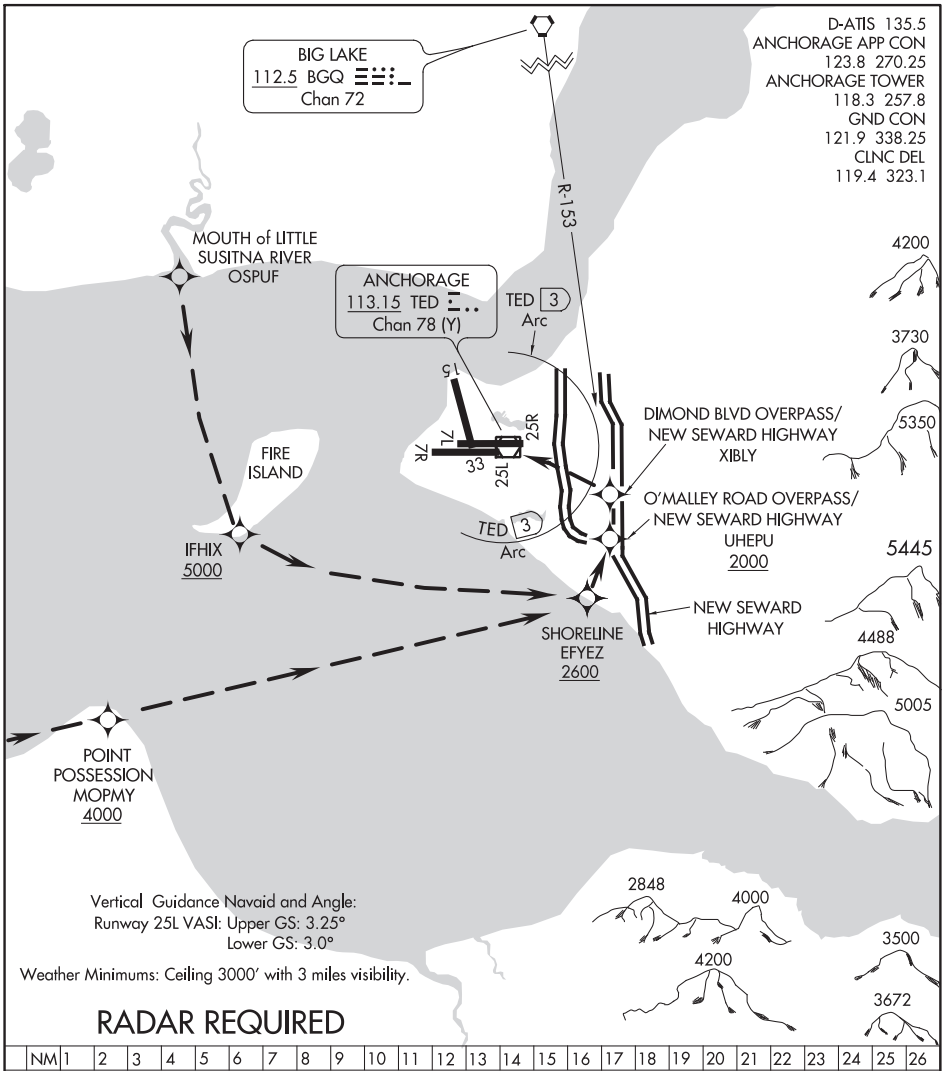
PROCEDURE NOT AUTHORIZED AT NIGHT

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

SEWARD VISUAL RWY 25L

TED STEVENS ANCHORAGE INTL (ANC) (PANC)
AL-1500 (FAA)
ANCHORAGE, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

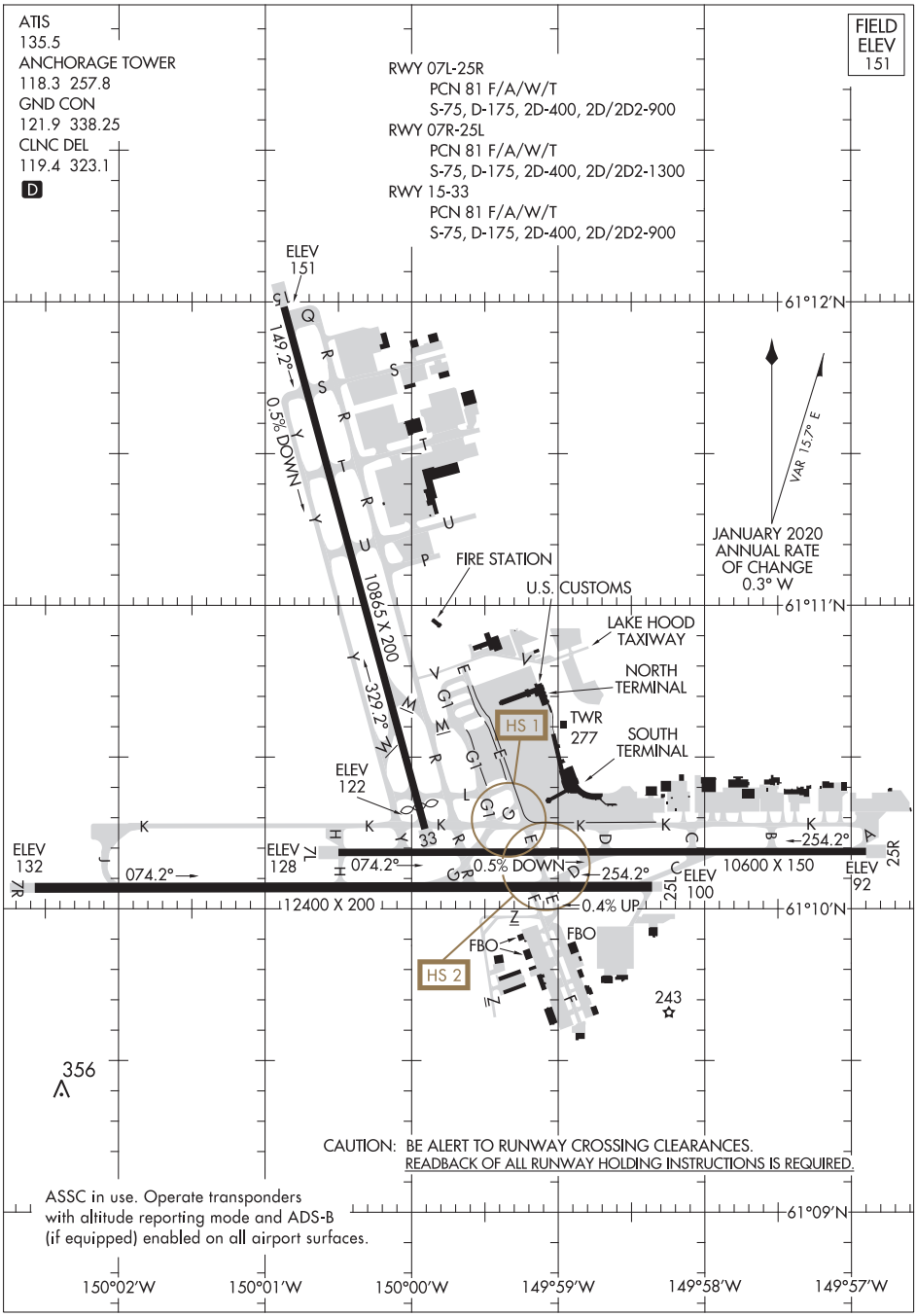
SEWARD VISUAL RWY 25L

PROCEDURE NOT AUTHORIZED AT NIGHT

20086

AIRPORT DIAGRAM

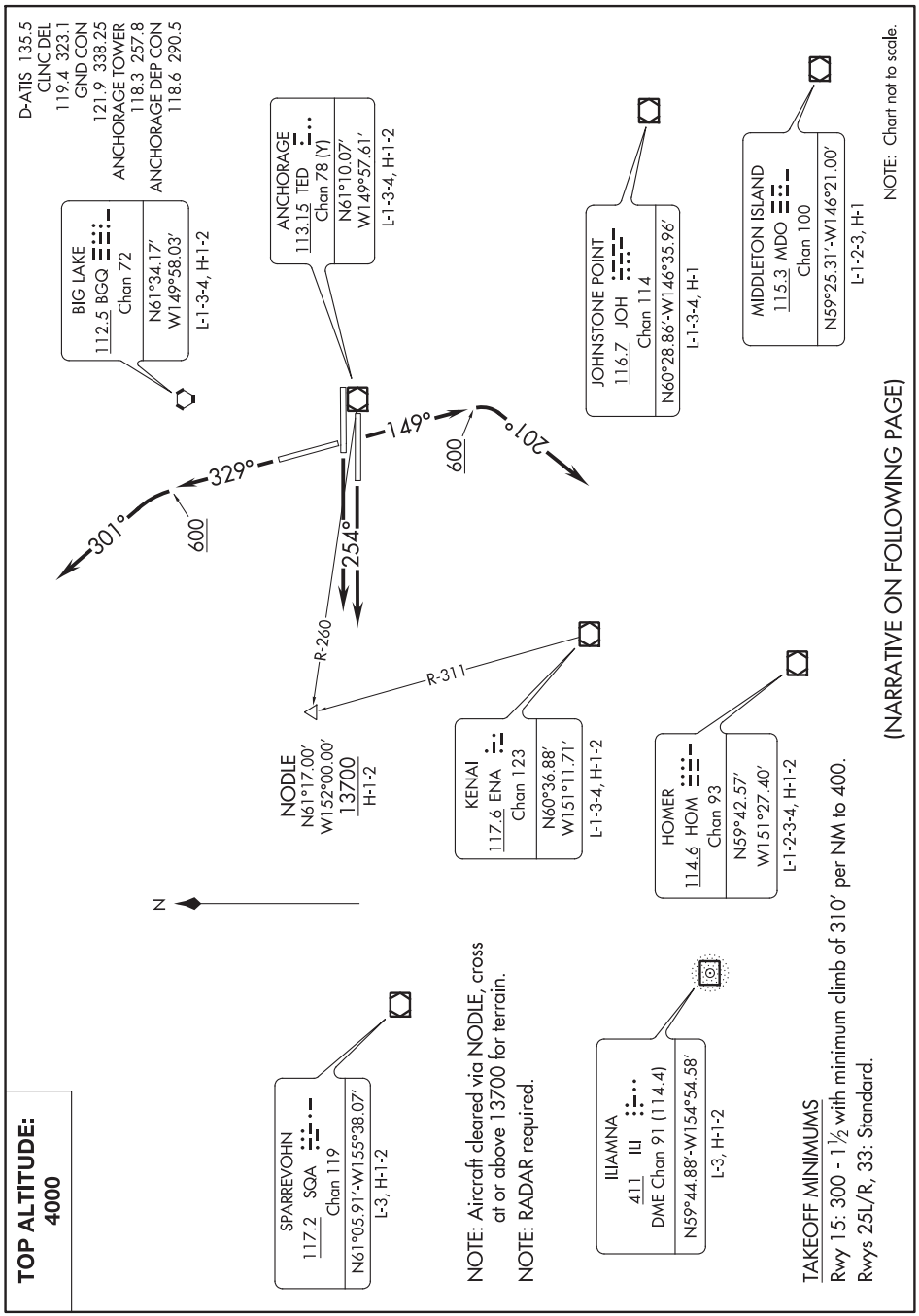
TED STEVENS ANCHORAGE INTL (ANC) (PANC)
AL-1500 (FAA)
ANCHORAGE, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AIRPORT DIAGRAM
ANCHORAGE, ALASKA
TED STEVENS ANCHORAGE INTL (ANC) (PANC)
20086



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 15: Climb on heading 149° to 600, then climbing right turn on heading 201°. Thence. . . .

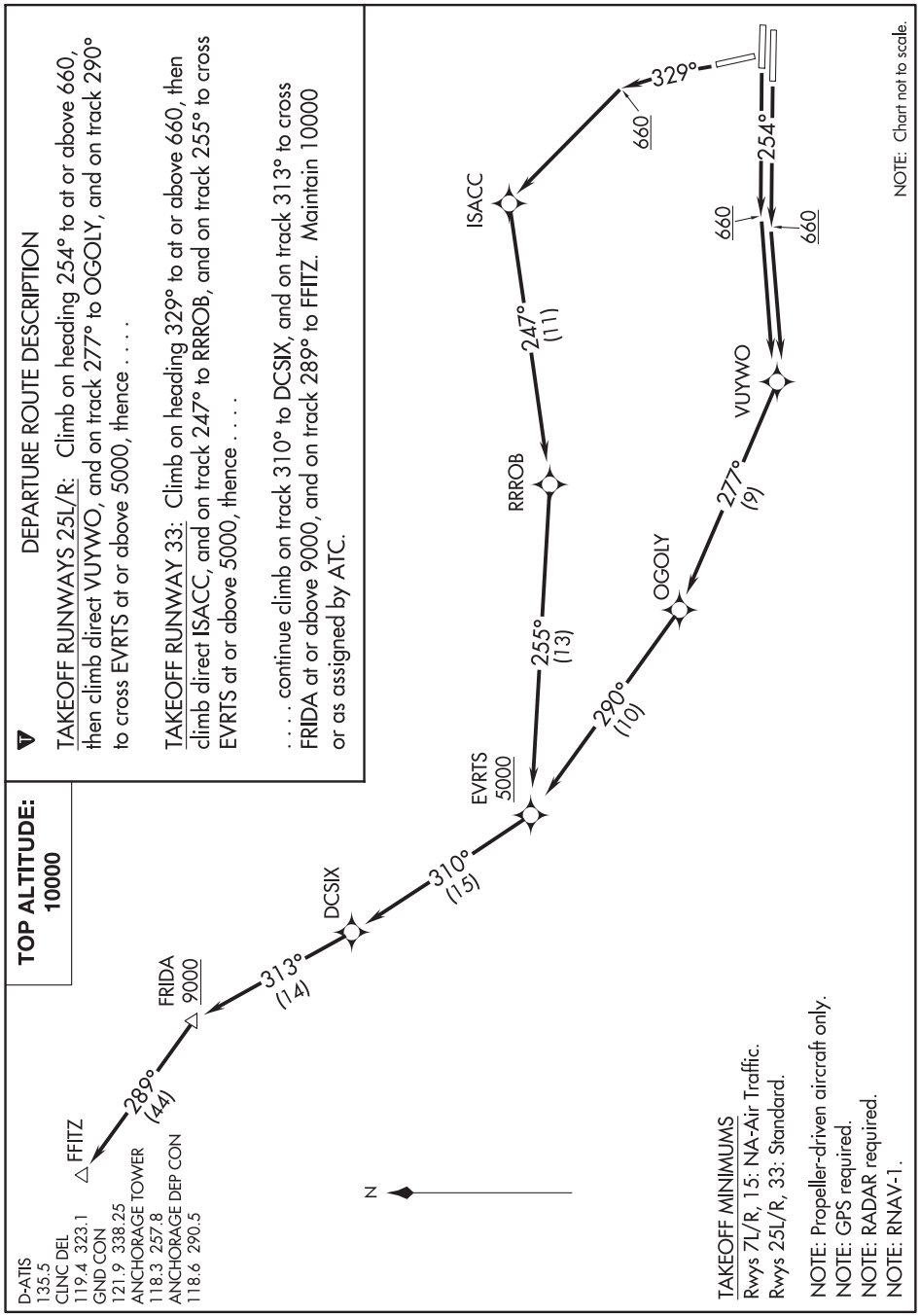
TAKEOFF RUNWAYS 25L/R: Climb on heading 254°. Thence. . . .

TAKEOFF RUNWAY 33: Climb on heading 329° to 600, then climbing left turn on heading 301°. Thence. . . .

. . . . expect RADAR vectors to assigned route or depicted fix. Maintain 4000. Expect further clearance to filed altitude within 10 minutes after departure.

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020


TOP ALTITUDE:
10000
DEPARTURE ROUTE DESCRIPTION
TAKEOFF RUNWAYS 25L/R: Climb on heading 254° to at or above 660, then climb direct VUYWO, and on track 277° to OGOLY, and on track 290° to cross EVRTS at or above 5000, thence . . . .
TAKEOFF RUNWAY 33: Climb on heading 329° to at or above 660, then climb direct ISACC, and on track 247° to RRROB, and on track 255° to cross EVRTS at or above 5000, thence . . . .
. . . . continue climb on track 310° to DCSIX, and on track 313° to cross FRIDA at or above 9000, and on track 289° to FFITZ. Maintain 10000 or as assigned by ATC.
D-ATIS
135.5
CLNC DEL
119.4 323.1
GND CON
121.9 338.25
ANCHORAGE TOWER
118.3 257.8
ANCHORAGE DEP CON
118.6 290.5
FFITZ
289°
(44)
FRIDA
9000
313°
(14)
DCSIX
310°
(15)
EVRTS
5000
255°
(13)
RRROB
247°
(11)
ISACC
329°
660
254°
660
660
VUYWO
277°
(9)
OGOLY
290°
(10)
N
TAKEOFF MINIMUMS
Rwys 7L/R, 15: NA-Air Traffic.
Rwys 25L/R, 33: Standard.
NOTE: Propeller-driven aircraft only.
NOTE: GPS required.
NOTE: RADAR required.
NOTE: RNAV-1.
NOTE: Chart not to scale.

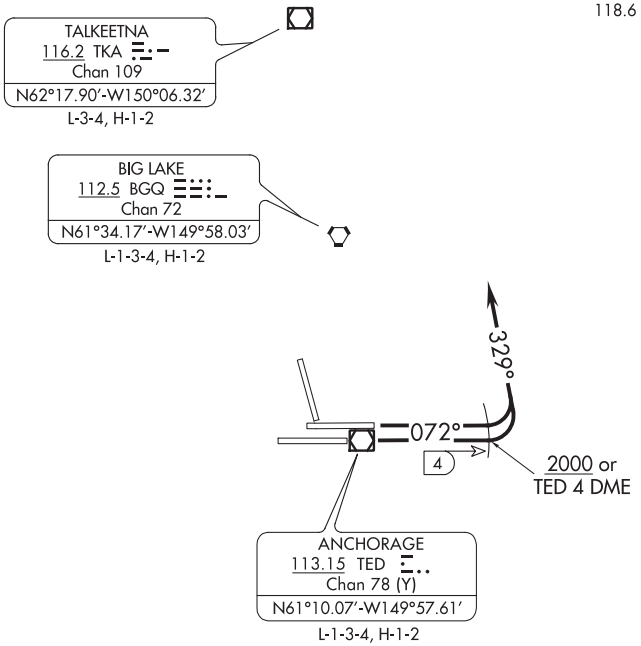
20310

KNIK THREE DEPARTURE

TED STEVENS ANCHORAGE INTL (ANC) (PANC)
AL-1500 (FAA)
ANCHORAGE, ALASKA

TOP ALTITUDE: FL200

D-ATIS
135.5
CLNC DEL
119.4 323.1
GND CON
121.9 338.25
ANCHORAGE TOWER
118.3 257.8
ANCHORAGE DEP CON
118.6 290.5



NOTE: RADAR required.
NOTE: Aircraft cleared via NODLE FIX
cross at or above 13700 for terrain.

TAKEOFF MINIMUMS

Rwys 15, 25L/R, 33: NA-ATC.
Rwy 7L: Standard with minimum climb of 253′ per NM to 400.
Rwy 7R: Standard with minimum climb of 285′ per NM to 400.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R: Climb heading 072° to 2000 or TED 4 DME, whichever comes first, then climbing left turn heading 329° for vectors to assigned route or fix. Maintain FL200 or assigned altitude, expect filed altitude 10 minutes after departure.

All aircraft, climb as rapidly as practical through 3000, if unable to reach 2000 by TED 4 DME advise ATC prior to departure.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

TOP ALTITUDE: FL200

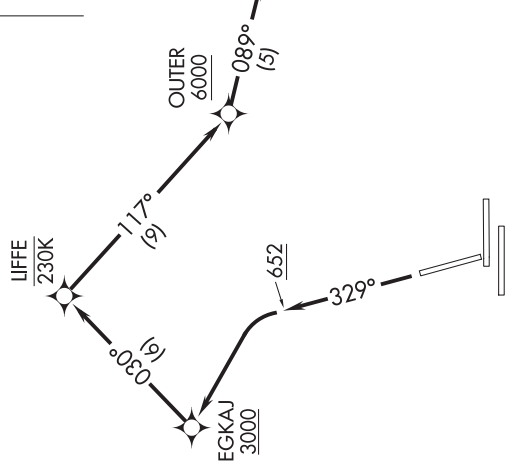
D-ATIS
135.5
CLNC DEL
119.4 323.1
GND CON
121.9 338.25
ANCHORAGE TOWER
118.3 257.8
ANCHORAGE DEP CON
118.6 290.5

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 33: Climb heading 329° to 652, then left turn direct to cross EGKAJ at or above 3000, then on track 030° to LIFFE, then on track 117° to cross OUTER at or above 6000, then on track 089° to cross CRAFT at or above 8000, then on track 086° to cross RAMMA at or above 10000, then on track 085° to cross NOEND at or above 12800 thence . . . .

. . . . expect RADAR vectors or direct next fix after NOEND. Maintain FL200 (or requested altitude if lower); expect filed altitude ten minutes after departure.

TAKEOFF MINIMUMS
Rwy 33: Standard with minimum climb of 500′ per NM to 2200 and then 280′ per NM to 10000.
Rwys 15, 25L/R, 7L/R: NA - Air traffic.



NOTE: GPS required.
NOTE: RNAV-1.
NOTE: RADAR required.
NOTE: Do not exceed 230K until passing LIFFE.

NOTE: Chart not to scale.

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AK, 05 NOV 2020 to 31 DEC 2020

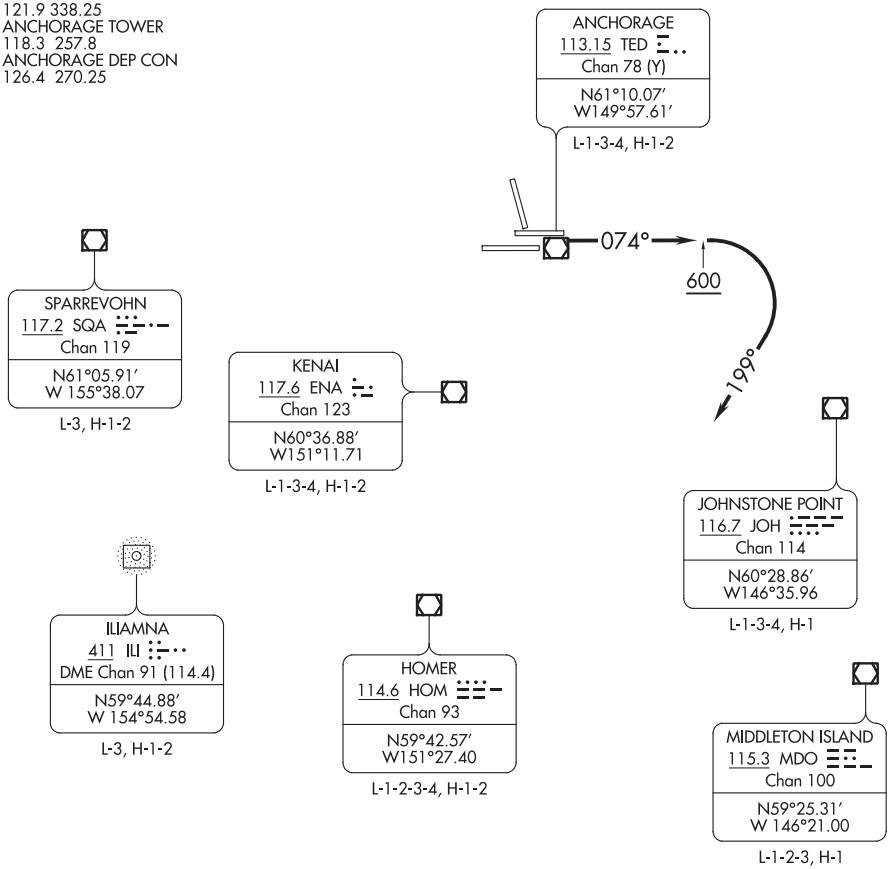
19283

POTTER ONE DEPARTURE

TED STEVENS ANCHORAGE INTL (ANC) (PANC)
AL-1500 (FAA)
ANCHORAGE, ALASKA

TOP ALTITUDE: 4000

D-ATIS
135.5
CLNC DEL
119.4 323.1
GND CON
121.9 338.25
ANCHORAGE TOWER
118.3 257.8
ANCHORAGE DEP CON
126.4 270.25



TAKEOFF MINIMUMS
Rwy 7L: 300-1⅛ or standard with minimum climb of 255 feet per NM to 400.
Rwy 7R: 300-1 or standard with minimum climb of 285 feet per NM to 400.

NOTE: RADAR required.
NOTE: Maximum procedure airspeed limited to 200K.

NOTE: Chart not to scale.

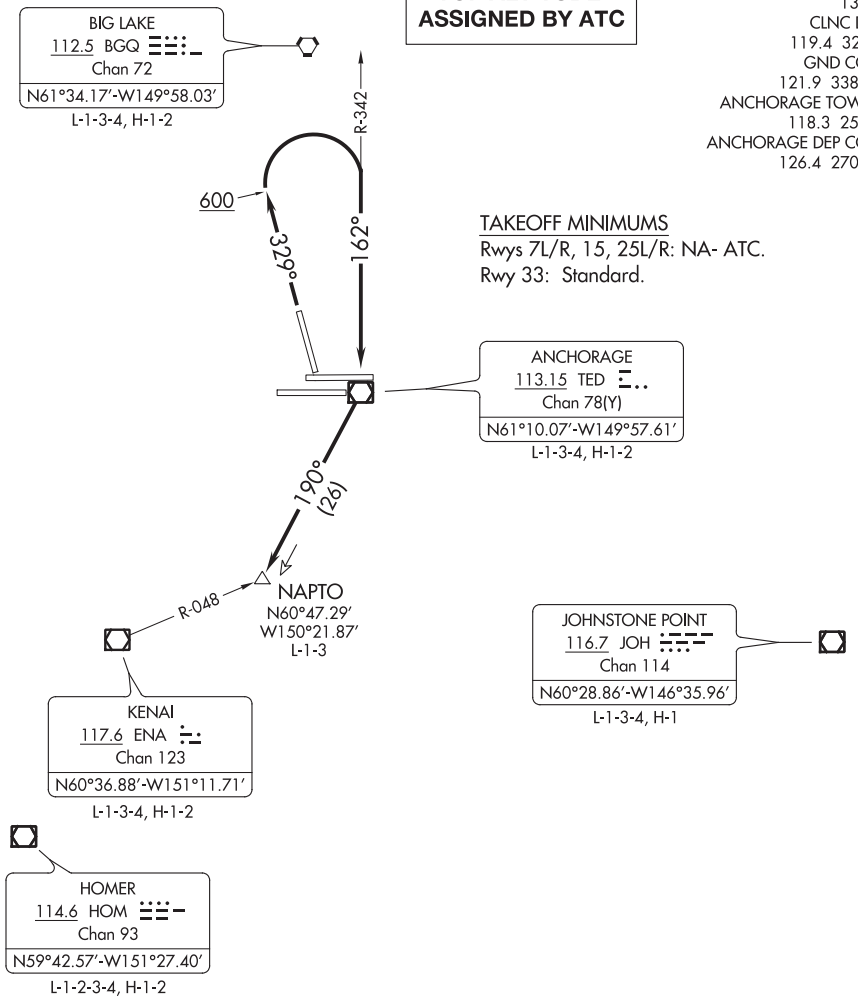
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 7L/R: Climb heading 074° to 600, then climbing right turn on heading 199°. Thence . . .
. . . expect RADAR vectors to assigned route or depicted fix. Maintain 4000.
Expect further clearance to filed altitude within 10 minutes after departure.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

TOP ALTITUDE: ASSIGNED BY ATC

D-ATIS
135.5
CLNC DEL
119.4 323.1
GND CON
121.9 338.25
ANCHORAGE TOWER
118.3 257.8
ANCHORAGE DEP CON
126.4 270.25



TAKEOFF MINIMUMS
Rwys 7L/R, 15, 25L/R: NA- ATC.
Rwy 33: Standard.

NOTE: RADAR required.
NOTE: Do not exceed 200K until TED VOR/DME.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 33: Climb on heading 329° to 600, then climbing right turn to 2000 on TED R-342 to TED VOR/DME, then on TED R-190 to NAPTO. Maintain ATC assigned altitude. Expect RADAR vectors to assigned route. Expect further clearance to filed altitude within 10 minutes after departure.

ANIAK, ALASKA | AL-1233 (FAA) | 20254

ILS or LOC RWY 11
ANIAK (ANI)(PANI)

LOC/DME I-ANI	APP CRS	Rwy ldg	5800
109.7	109°	TDZE	97
Chan 34		Apt Elev	97

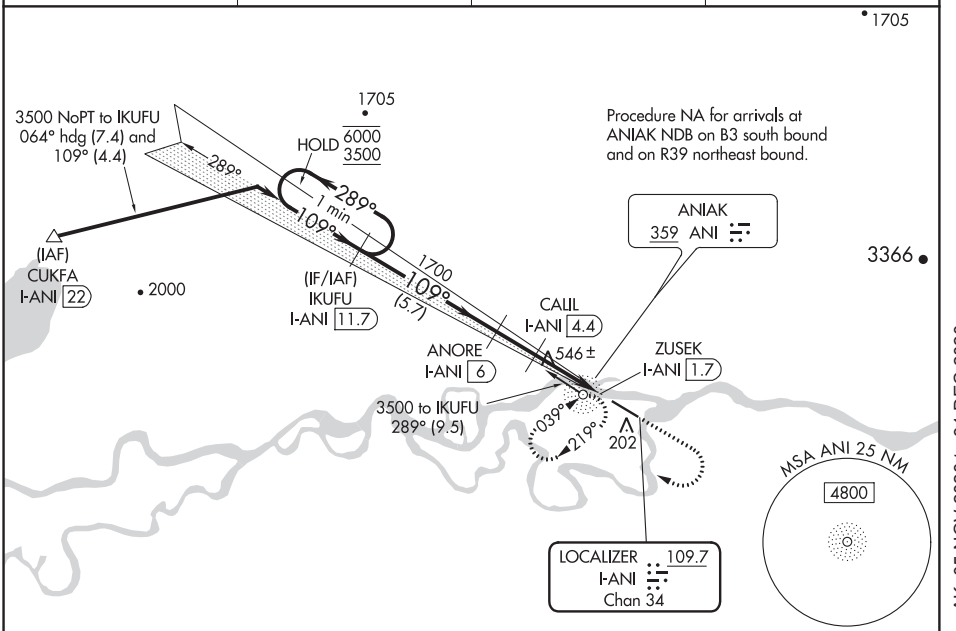
DME required.

Circling NA north of Rwy 11-29. Rwy 11 helicopter visibility reduction below ¾ SM NA. Inop table does not apply to S-ILS all Cats. -38°C

MALSF

MISSED APPROACH: Climb to 1500 then climbing right turn to 3500 direct ANI NDB and hold, continue climb-in-hold to 3500. (ADF required)

AWOS-3P	ANCHORAGE CENTER	CLNC DEL	CTAF
124.3	118.15 251.05	118.15	122.1 L

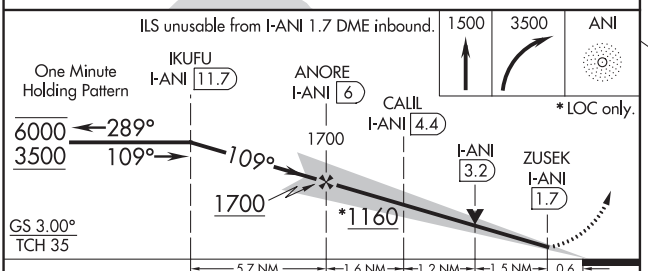


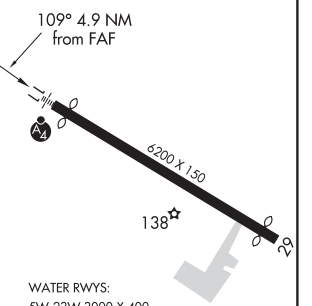
ELEV 97 | TDZE 97

ILS unusable from I-ANI 1.7 DME inbound.

1500	3500	ANI

* LOC only.





WATER RWYS:
5W-23W 3000 X 400

HIRL Rwy 11-29 L

CATEGORY	A	B	C	D
S-ILS 11	347-¾ 250 (300-¾)			
S-LOC 11	800-¾ 703 (800-¾)		800-1¾ 703 (800-1¾)	
C CIRCLING	800-1 703 (800-1)		860-2¼ 763 (800-2¼)	1200-3 1103 (1200-3)

HIRL Rwy 11-29 L

AK, 05 NOV 2020 to 31 DEC 2020

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WAAS CH 45838 W11A	APP CRS 109°	Rwy ldg 5800 TDZE 97 Apt Elev 97

RNAV (GPS) RWY 11
ANIAK (ANI)(PANI)

RNP APCH.

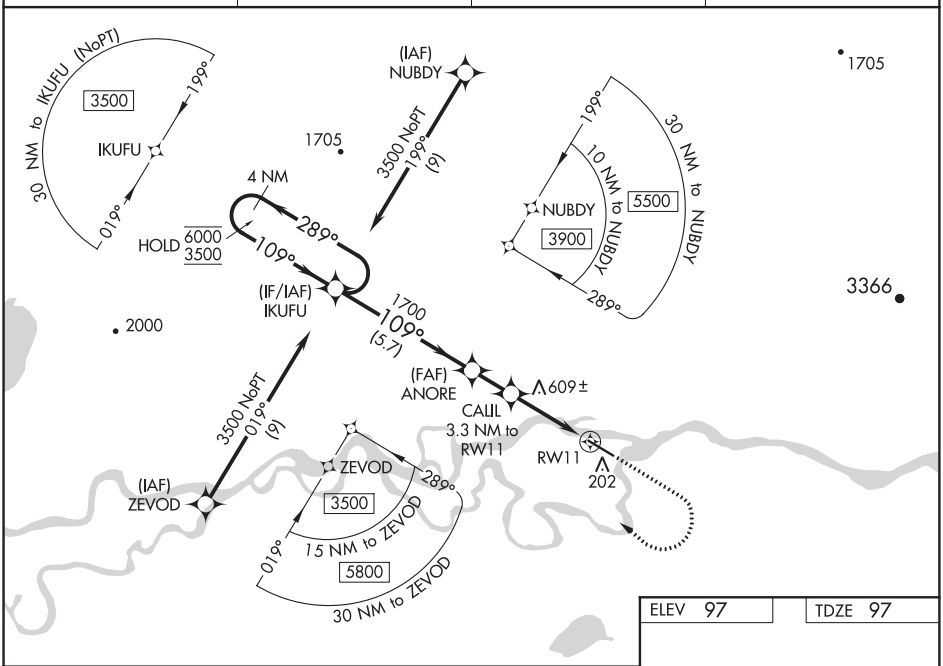
T A -38°C

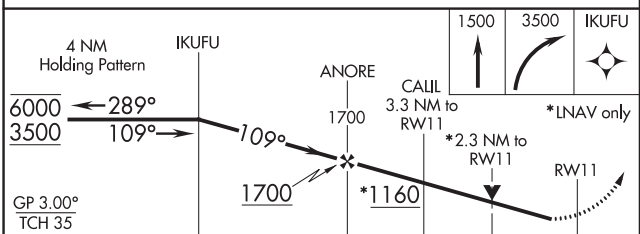
Circling NA north of Rwy 11-29. Rwy 11 helicopter visibility reduction below ¾ SM NA. Inop table does not apply to LPV, LNAV/VNAV all Cats, LNAV Cat A. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C. For inop ALS, increase LNAV Cat C/D visibility to 2½ SM.

MALSF

MISSED APPROACH: Climb to 1500 then climbing right turn to 3500 direct IKUFU and hold, continue climb-in-hold to 3500.

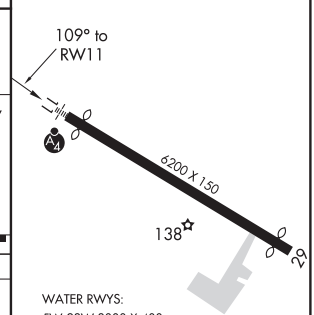
AWOS-3P	ANCHORAGE CENTER	CLNC DEL	CTAF
124.3	118.15 251.05	118.15	122.1





CATEGORY	A	B	C	D
LPV DA	347-1 250 (300-1)			
LNAV/VNAV DA	994-4 897 (900-4)			
LNAV MDA	860-1 763 (800-1)		860-2 763 (800-2)	
C CIRCLING	860-1 763 (800-1)	860-1¼ 763 (800-1¼)	860-2½ 763 (800-2½)	1200-3 1103 (1200-3)

ELEV 97 TDZE 97



WATER RWYS:
5W-23W 3000 X 400

HIRL Rwy 11-29

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AK, 05 NOV 2020 to 31 DEC 2020

ANIAK, ALASKA | AL-1233 (FAA) | 20254

RNAV (GPS) RWY 29
ANIAK (ANI)(PANI)

WAAS CH 86538 W29A	APP CRS 289°	Rwy ldg 5800 TDZE 97 Apt Elev 97

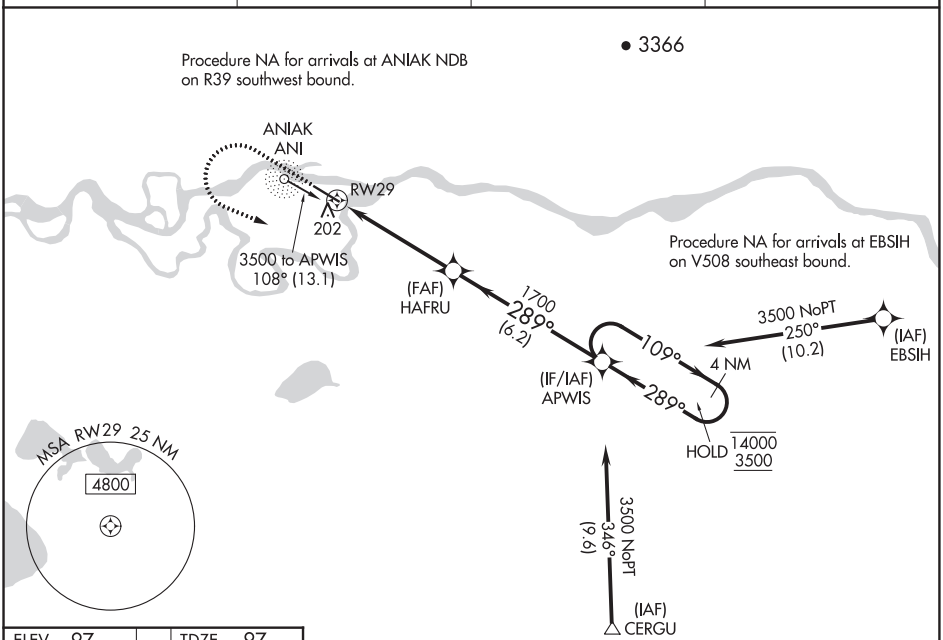
RNP APCH.

Circling NA north of Rwy 11-29. Rwy 29 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.

-38°C

MISSED APPROACH: Climb to 1500 then climbing left turn to 3500 direct APWIS and hold.

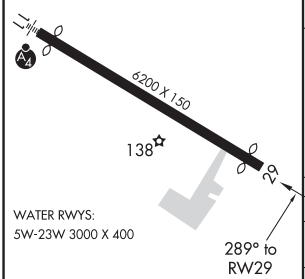
AWOS-3P	ANCHORAGE CENTER	CLNC DEL	CTAF
124.3	118.15 251.05	118.15	122.1



AK, 05 NOV 2020 to 31 DEC 2020

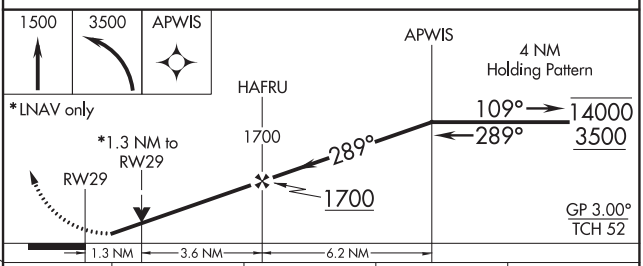
AK, 05 NOV 2020 to 31 DEC 2020

ELEV 97 | TDZE 97



WATER RWYS:
5W-23W 3000 X 400

HIRL Rwy 11-29



CATEGORY	A	B	C	D
LPV DA	347-1 250 (300-1)			
LNAV/VNAV DA	460-1 363 (400-1)			
LNAV MDA	560-1 463 (500-1)		560-1⅜ 463 (500-1⅜)	
C CIRCLING	560-1 463 (500-1)	620-1 523 (600-1)	860-2¼ 763 (800-2¼)	1200-3 1103 (1200-3)

RNAV (GPS) RWY 17
ANVIK (ANV)(PANV)

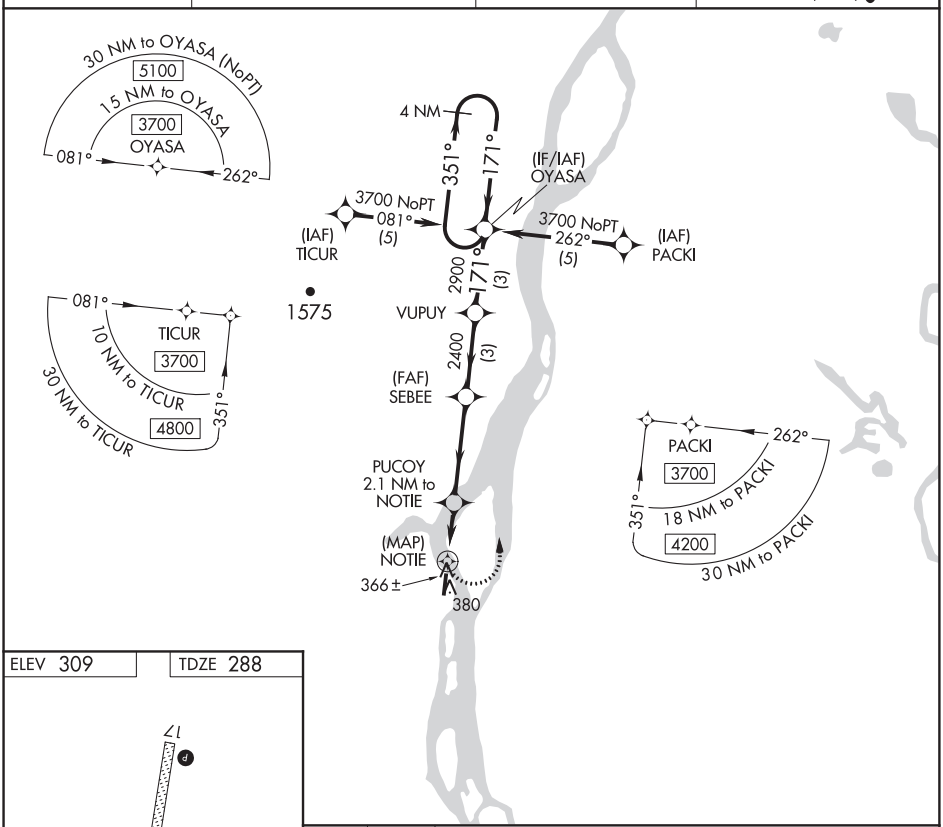
APP CRS	Rwy ldg	4000
171°	TDZE	288
	Apt Elev	309

T A -32°C

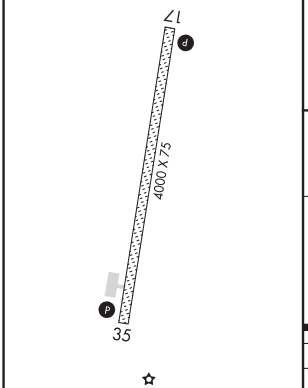
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Holy Cross altimeter setting and increase all MDAs 120 feet and LNAV visibility Cat C ¼ mile, Cat D ½ mile.

MISSED APPROACH: Climbing left turn to 3700 direct OYASA and hold, continue climb-in-hold to 3700.

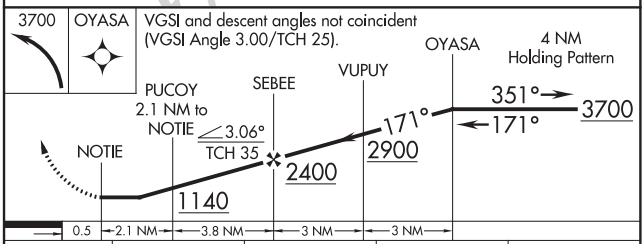
AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	UNICOM
133.55	135.7 335.5	122.4	122.7 (CTAF) L



ELEV 309 TDZE 288



MIRL Rwy 17-35 L
REIL Rwys 17 and 35 L



CATEGORY	A	B	C	D
LNAV MDA	700-1 412 (400-1)		700-1¼ 412 (400-1¼)	
CIRCLING	840-1 543 (600-1)		840-1½ 543 (600-1½)	860-2 563 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANVIK, ALASKA | AL-6905 (FAA) | 19171

RNAV (GPS) RWY 35
ANVIK (ANV)(PANV)

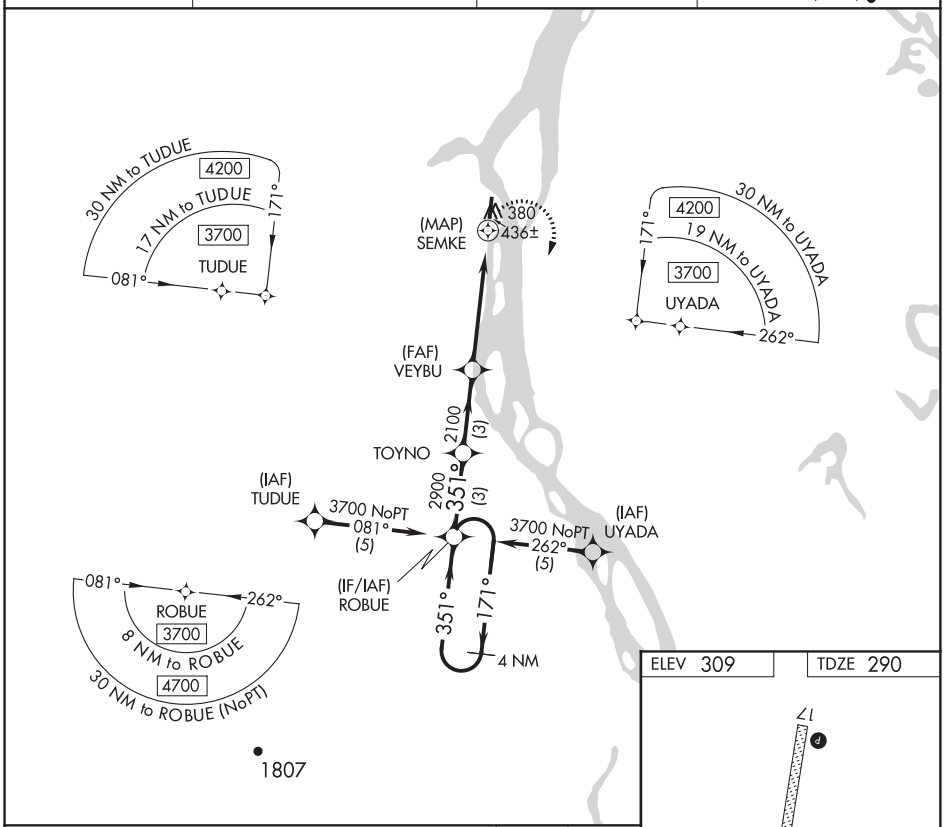
APP CRS	Rwy ldg	4000
351°	TDZE	290
	Apt Elev	309

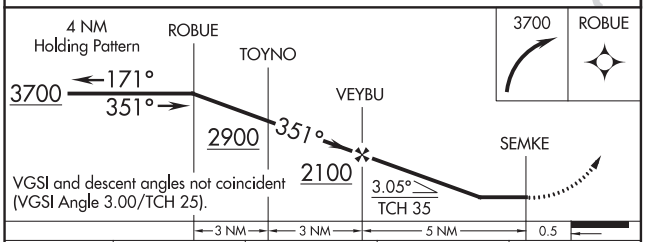
T A -32°C

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Holy Cross altimeter setting and increase all MDAs 120 feet and LNAV visibility Cat C/D ⅜ mile, and Circling visibility Cat D ½ mile.

MISSED APPROACH: Climbing right turn to 3700 direct ROBUE and hold, continue climb-in-hold to 3700.

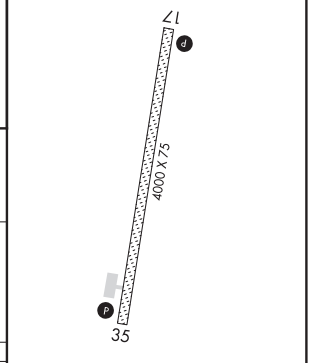
AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	UNICOM
133.55	135.7 335.5	122.4	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	780-1 490 (500-1)		780-1⅜ 490 (500-1⅜)	
CIRCLING	840-1 543 (600-1)		840-1½ 543 (600-1½)	860-2 563 (600-2)

ELEV 309 | TDZE 290



MIRL Rwy 17-35 L
REIL Rwys 17 and 35 L

AK, 05 NOV 2020 to 31 DEC 2020

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APP CRS	Rwy ldg	4500
017°	TDZE	2087
	Apt Elev	2092

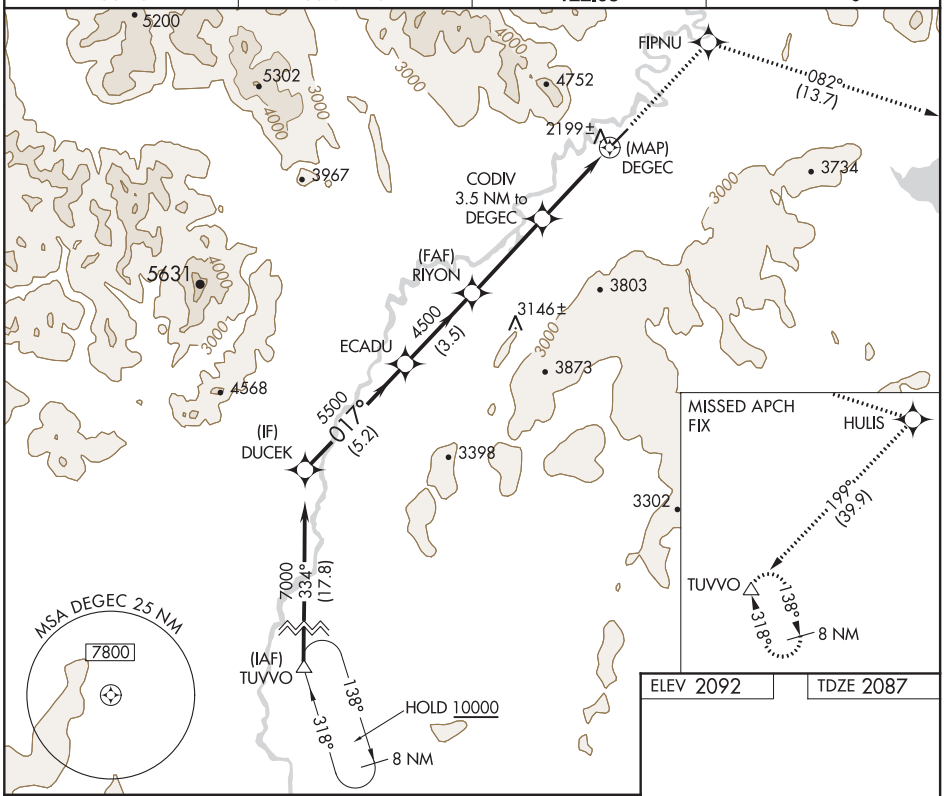
RNAV (GPS) RWY 2
ARCTIC VILLAGE (ARC)(PARC)

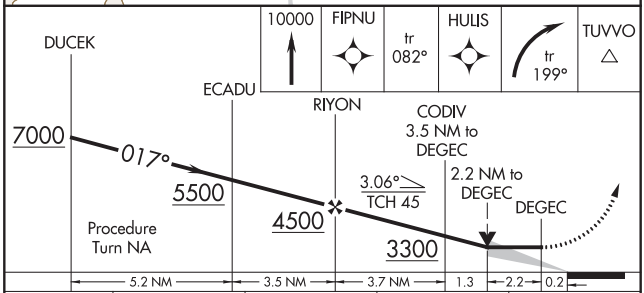
-38°C

DME/DME RNP-0.3 NA.
If local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 10000 direct FIPNU and via 082° track to HULIS and right turn via 199° track to TUVVO and hold.

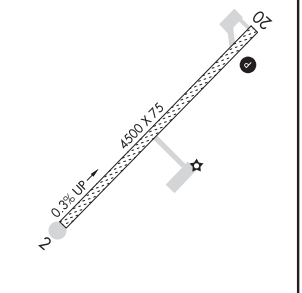
AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.75	135.0 225.4	122.05	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	2880-1 793 (800-1)	2880-1¼ 793 (800-1¼)	NA	
CIRCLING	2880-1 788 (800-1)	2880-1¼ 788 (800-1¼)	NA	

ELEV 2092 TDZE 2087



REIL Rwy 20 L
MIRL Rwy 2-20

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AK, 05 NOV 2020 to 31 DEC 2020

ARCTIC VILLAGE, ALASKA | AL-10232 (FAA) | 20198

RNAV (GPS) RWY 20
ARCTIC VILLAGE (ARC)(PARC)

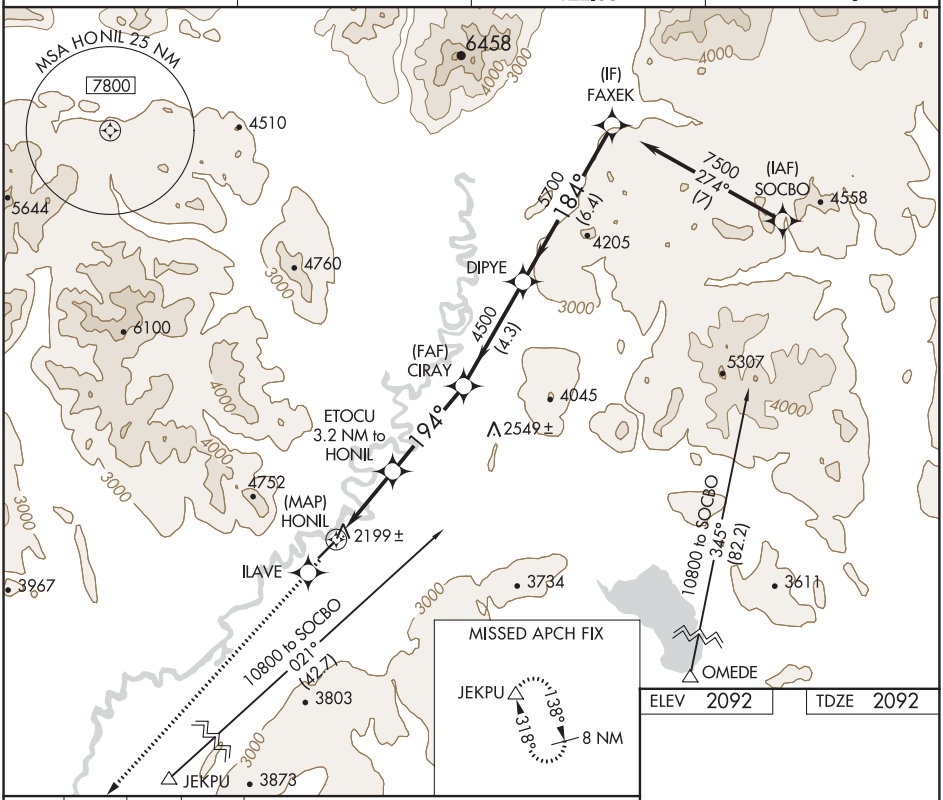
APP CRS	Rwy ldg	4500
194°	TDZE	2092
	Apt Elev	2092

-38°C

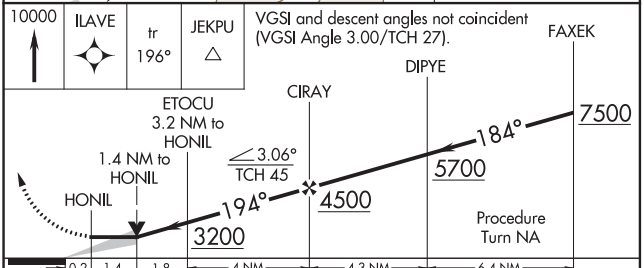
DME/DME RNP-0.3 NA.
If local altimeter setting not received, procedure NA.

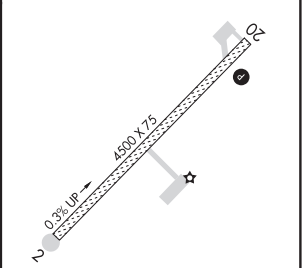
MISSED APPROACH: Climb to 10000 direct ILAVE and via 196° track to JEKPU and hold, continue climb-in-hold to 10000.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.75	135.0 225.4	122.05	122.9 L



ELEV	2092	TDZE	2092





CATEGORY	A	B	C	D
LNAV MDA	2600-1 508 (600-1)		NA	
CIRCLING	2700-1 608 (700-1)		NA	

REIL Rwy 20 L
MIRL Rwy 2-20

AK, 05 NOV 2020 to 31 DEC 2020

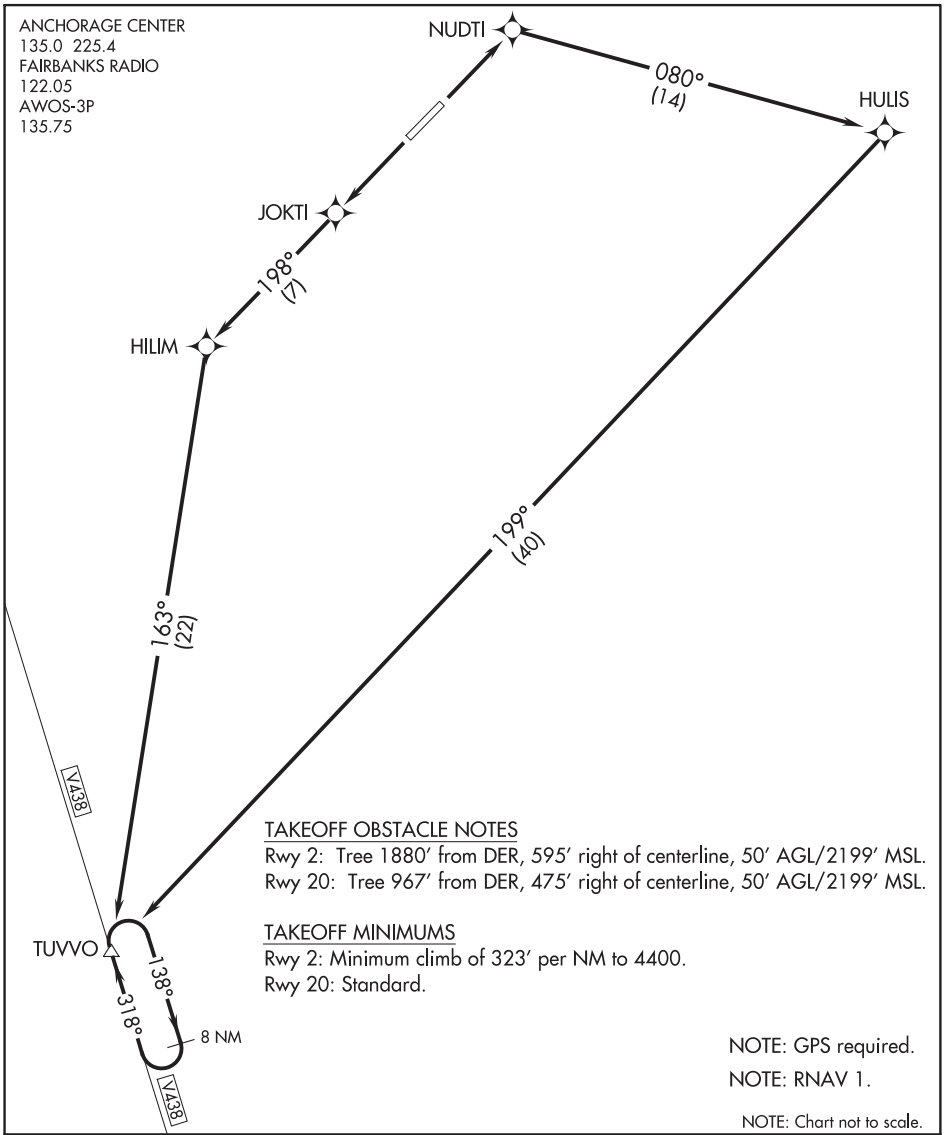
AK, 05 NOV 2020 to 31 DEC 2020

ARCTIC VILLAGE, ALASKA
Orig 16FEB06

68°07'N-145°35'W

ARCTIC VILLAGE (ARC)(PARC)
RNAV (GPS) RWY 20

TUVVO ONE DEPARTURE (OBSTACLE) (RNAV)



TAKEOFF OBSTACLE NOTES
Rwy 2: Tree 1880′ from DER, 595′ right of centerline, 50′ AGL/2199′ MSL.
Rwy 20: Tree 967′ from DER, 475′ right of centerline, 50′ AGL/2199′ MSL.

TAKEOFF MINIMUMS
Rwy 2: Minimum climb of 323′ per NM to 4400.
Rwy 20: Standard.

NOTE: GPS required.
NOTE: RNAV 1.
NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb to 10000 direct NUDTI, and via 080° track to HULIS, and right turn via 199° track to TUVVO, thence. . . .

TAKEOFF RUNWAY 20: Climb to 10000 direct JOKTI, then via depicted route to TUVVO, thence. . . .

. . . . climb in holding (if required) at TUVVO before proceeding via assigned route and altitude.

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AK, 05 NOV 2020 to 31 DEC 2020

ATKA, ALASKA | AL-9289 (FAA) | 20310

RNAV (GPS)-A
ATKA (AKA)(PAAK)

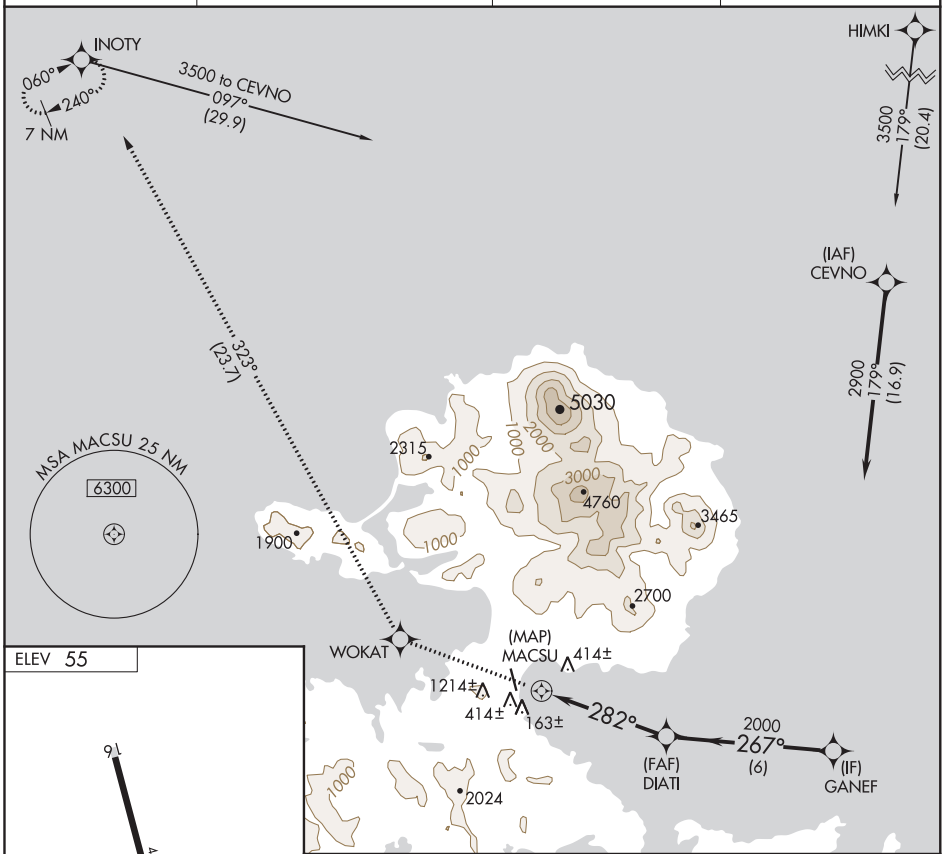
APP CRS	Rwy ldg	N/A
282°	TDZE	N/A
	Apt Elev	55

RNP APCH.

Circling NA west of Rwy 16/34. Procedure NA at night. When local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 7500 direct WOKAT and on track 323° to INOTY and hold. Continue climb-in-hold to 7500.

AWOS-3P	ANCHORAGE CENTER	GCO	CTAF
135.55	126.4 254.3	122.15	122.9



ELEV 55

REIL Rwys 16 and 34
MIRL Rwy 16-34

CATEGORY	A	B	C	D
CIRCLING	1280-1¼ 1225 (1300-1¼)	1280-1½ 1225 (1300-1½)	1280-3 1225 (1300-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

HIMKI ONE DEPARTURE (OBSTACLE) (RNAV)

SL-9289 (FAA)

ANCHORAGE CENTER
126.4 254.3
COLD BAY RADIO
123.6
CTAF
122.9

TAKEOFF MINIMUMS
Rwy 34: NA- ATC.
Rwy 16: 500-2.

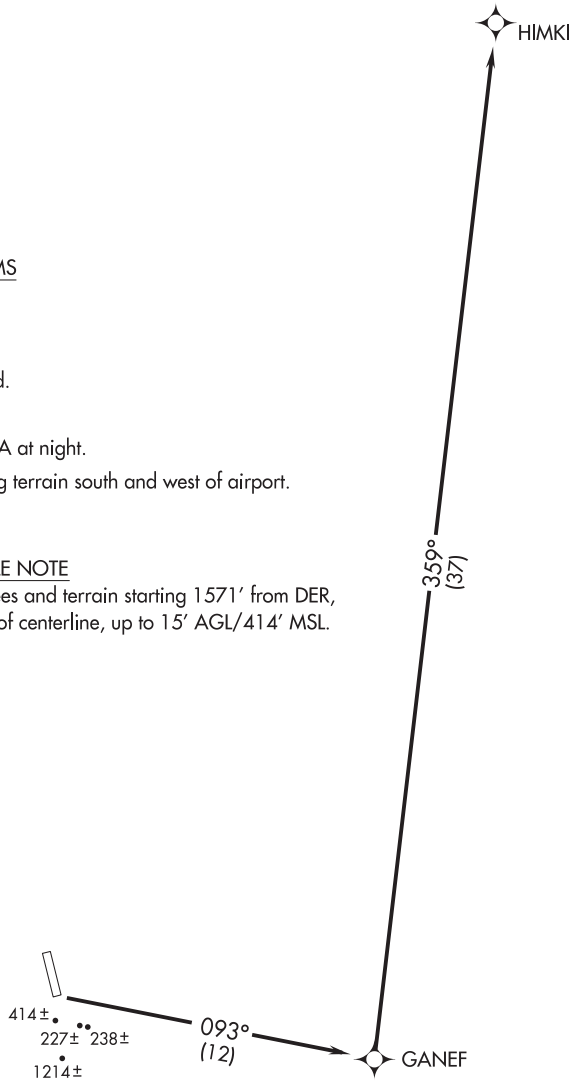
NOTE: GPS required.

NOTE: RNAV 1.

NOTE: Procedure NA at night.

NOTE: Rapidly rising terrain south and west of airport.

TAKEOFF OBSTACLE NOTE
Rwy 16: Multiple trees and terrain starting 1571′ from DER, 786′ right of centerline, up to 15′ AGL/414′ MSL.



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Immediate climbing left turn to 9000 or as assigned, to intercept course 093° to GANEF, then on track 359° to HIMKI.

(INOTY1.INOTY) 16147

INOTY ONE DEPARTURE (OBSTACLE) (RNAV)

SL-9289 (FAA)

ATKA (AKA)(PAAK)
ATKA, ALASKA

ANCHORAGE CENTER
126.4 254.3
COLD BAY RADIO
123.6
CTAF
122.9

INOTY

340°
(20)

BILNE

271°
(11)

ZIKEF

414±

614±

614±

(1)

TAKEOFF MINIMUMS
Rwy 16: NA - ATC.
Rwy 34: 600-2½.

NOTE: GPS required.

NOTE: RNAV 1.

NOTE: Procedure NA at night.

NOTE: Rising terrain west to northwest of airport up to 614 MSL within 2½ miles.

TAKEOFF OBSTACLE NOTE
Rwy 34: Multiple trees and vehicles starting 10′ from DER, 40′ left of centerline to 1231′ right of centerline, up to 15′ AGL/414′ MSL.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 34: Climb to 6000 or assigned altitude direct ZIKEF, then on track 271° to BILNE, then on track 340° to INOTY before proceeding on course.

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) RWY 6

ATQASUK EDWARD BURNELL SR MEMORIAL (ATK)(PATQ)

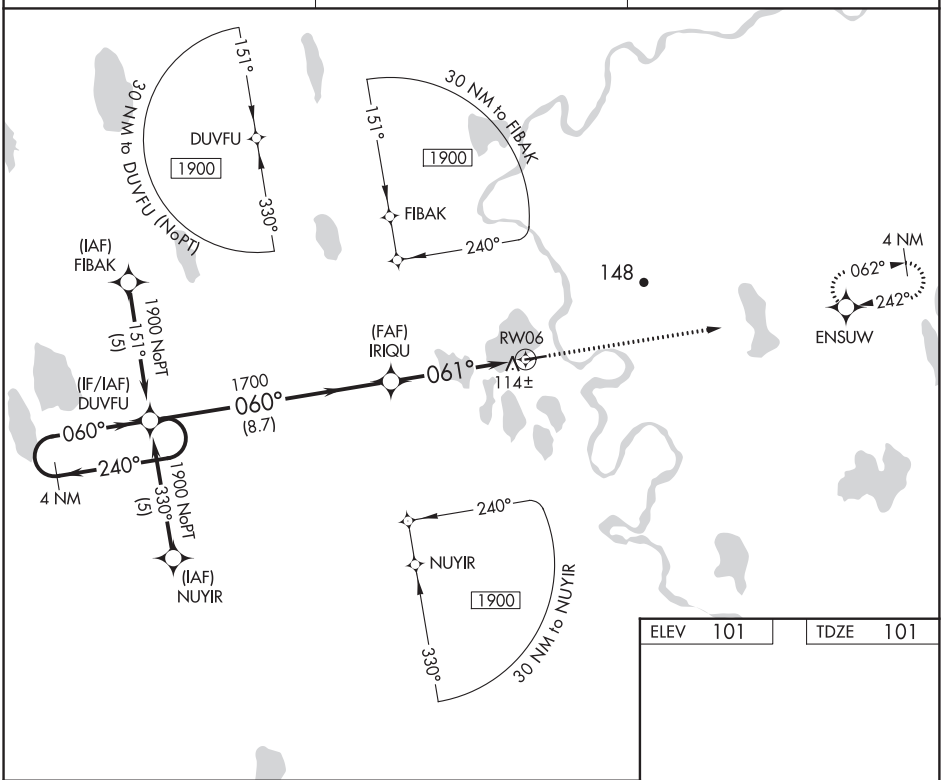
APP CRS	Rwy ldg	4370
061°	TDZE	101
	Apt Elev	101

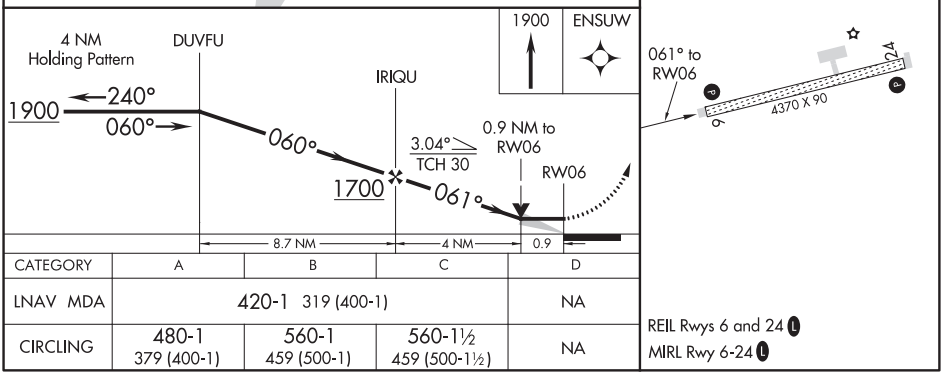
-43°C

DME/DME RNP-0.3 NA.
If local altimeter setting not received, use Barrow altimeter setting and increase all MDAs 140 feet.
VDP NA when using Barrow altimeter setting

MISSED APPROACH: Climb to 1900 direct ENSUW and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
119.925	135.3 239.25	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	420-1 319 (400-1)			NA
CIRCLING	480-1 379 (400-1)	560-1 459 (500-1)	560-1½ 459 (500-1½)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ATQASUK, ALASKA | AL-9246 (FAA) | 17117

RNAV (GPS) RWY 24

ATQASUK EDWARD BURNELL SR MEMORIAL (ATK)(PATQ)

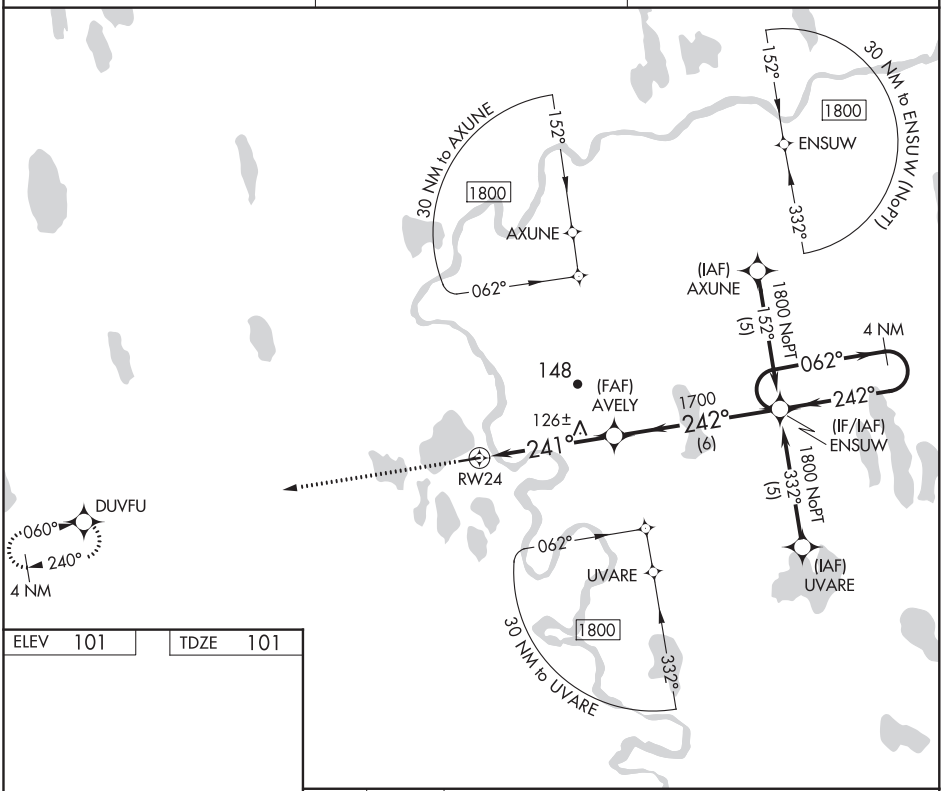
APP CRS	Rwy ldg	4370
241°	TDZE	101
	Apt Elev	101

-43°C

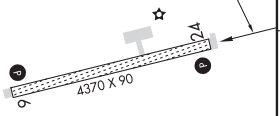
DME/DME RNP-0.3 NA.
If local altimeter setting not received, use Barrow altimeter setting and increase all MDAs 140 feet.
VDP NA when using Barrow altimeter setting.

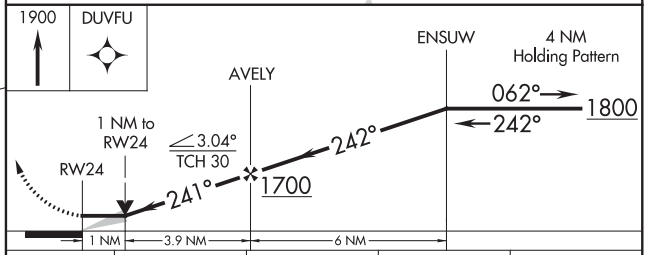
MISSED APPROACH: Climb to 1900 direct DUVFU and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
119.925	135.3 239.25	122.9 L



ELEV 101 | TDZE 101





CATEGORY	A	B	C	D
LNAV MDA	440-1 339 (400-1)			NA
CIRCLING	480-1 379 (400-1)	560-1 459 (500-1)	560-1½ 459 (500-1½)	NA

REIL Rwys 6 and 24 L
MIRL Rwy 6-24 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC/DME I-BRW	APP CRS	Rwy ldg 5900
110.5	071°	TDZE 49
Chan 42		Apt Elev 49

ILS or LOC RWY 7

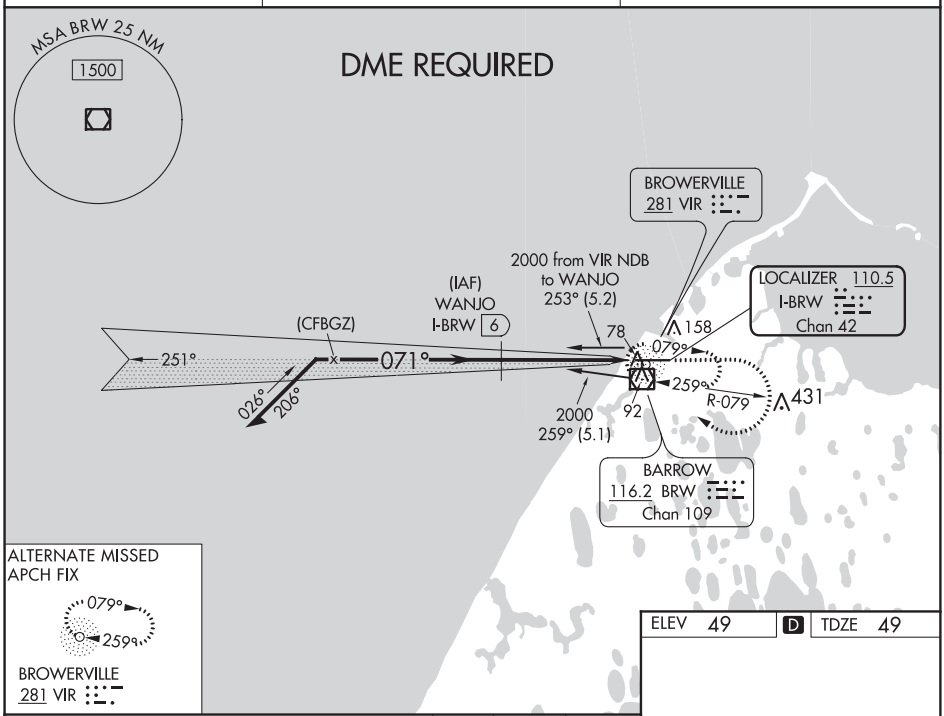
WILEY POST-WILL ROGERS MEMORIAL (BRW)(PABR)

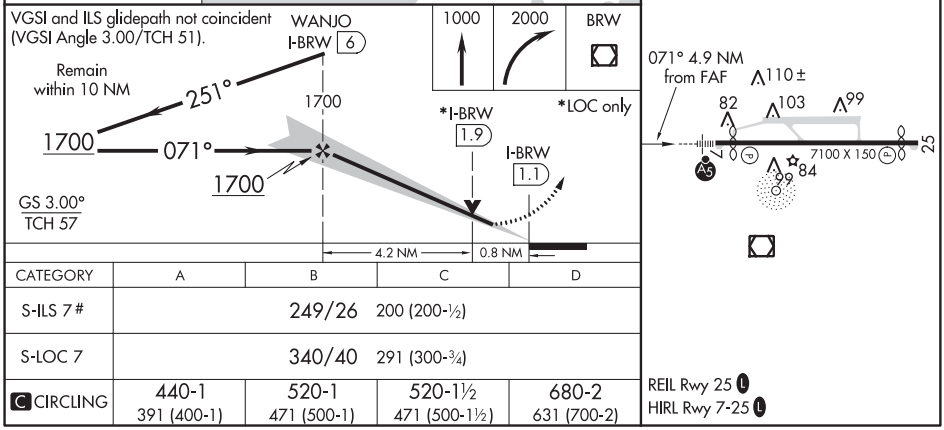
Circling NA for Cat A north of Rwy 7-25.
Autopilot coupled approach NA below 290.
-42°C DME required
For inop ALS, increase S-LOC 7 Cat C/D visibility to RVR 4500.
RVR 1800 authorized with use of HUD to DA.

MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct BRW VOR/DME and hold, continue climb-in-hold to 2000.

AFIS	ANCHORAGE CENTER	BARROW RADIO
132.15	135.3 239.25	123.6 (CTAF) L





CATEGORY	A	B	C	D
S-ILS 7 #	249/26 200 (200-½)			
S-LOC 7	340/40 291 (300-¾)			
C CIRCLING	440-1 391 (400-1)	520-1 471 (500-1)	520-1½ 471 (500-1½)	680-2 631 (700-2)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

BARROW, ALASKA | AL-5463 (FAA) | 19115

WAAS CH 86915 W07A	APP CRS 071°	Rwy ldg 5900	TDZE 52	Apt Elev 52

RNAV (GPS) RWY 7

WILEY POST-WILL ROGERS MEMORIAL (BRW)(PABR)

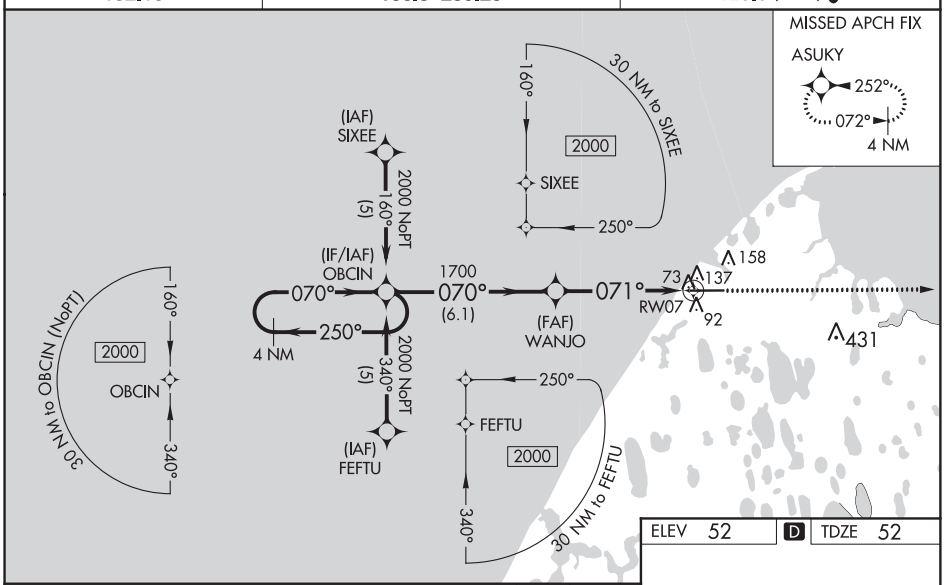
-42°C

DME/DME RNP- 0.3 NA. Inoperative table does not apply to LPV all Cats. For inoperative MALSR, increase LNAV/VNAV all Cats visibility to RVR 4500. When local altimeter setting not received, use Atqasuk altimeter setting, increase all DA 124 feet, LPV all Cats visibility ¼ mile, LNAV/VNAV all Cats visibility ½ mile, increase all MDA 140 feet and LNAV Cat C/D visibilities ½ mile, and Circling Cat C/D visibilities ¼ mile. For inoperative MALSR when using Atqasuk altimeter setting, increase LNAV/VNAV all Cats and LNAV Cat C/D visibilities to 1⅜ mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (118°F). VDP and Baro-VNAV NA when using Atqasuk altimeter setting. Circling NA for Cat A north of Rwy 7-25.

MALSR

MISSED APPROACH: Climb to 2000 direct ASUKY and hold.

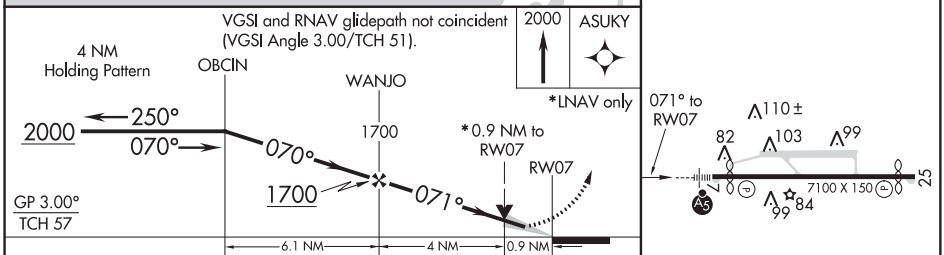
AFIS	ANCHORAGE CENTER	BARROW RADIO
132.15	135.3 239.25	123.6 (CTAF) L



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 52 | D | TDZE 52



CATEGORY	A	B	C	D
LPV DA	302/40 250 (300-¾)			
LNAV/VNAV DA	350/40 298 (300-¾)			
LNAV MDA	400/40 348 (400-¾)			
CIRCLING	420-1 368 (400-1)	520-1 468 (500-1)	520-1½ 468 (500-1½)	620-2 568 (600-2)

REIL Rwy 25 L
HIRL Rwy 7-25 L

BARROW, ALASKA
Orig-A 20AUG15

WILEY POST-WILL ROGERS MEMORIAL (BRW)(PABR)
71°17'N-156°46'W

RNAV (GPS) RWY 7

APP CRS	Rwy ldg	5900
251°	TDZE	48
	Apt Elev	52

RNAV (GPS) RWY 25

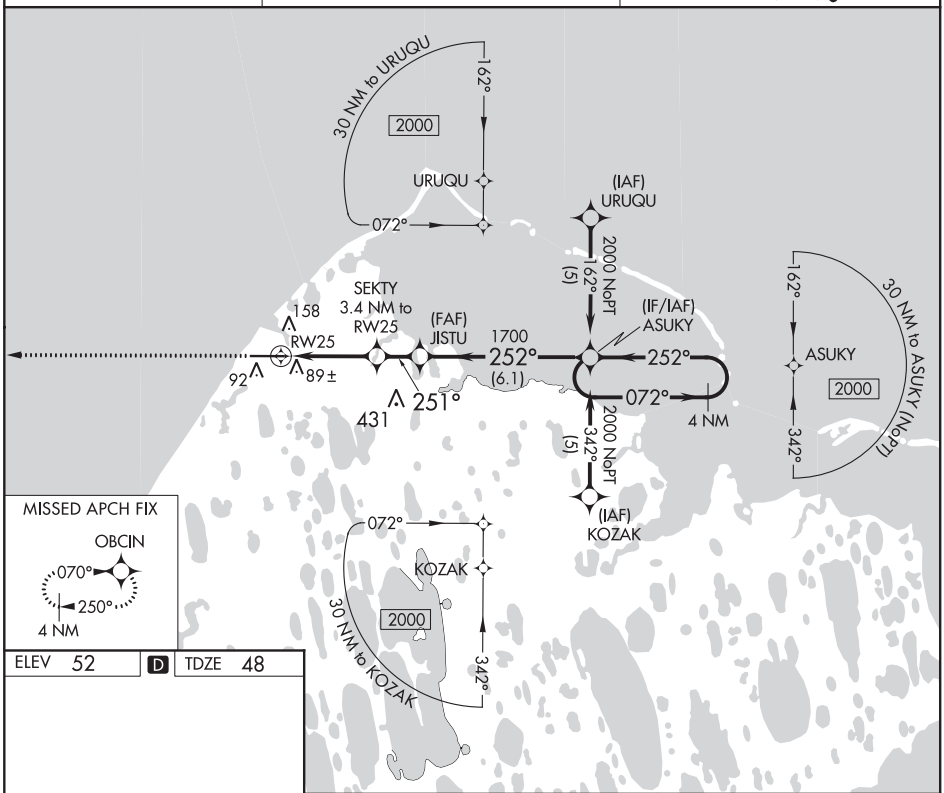
WILEY POST-WILL ROGERS MEMORIAL (BRW)(PABR)

DME/DME RNP- 0.3 NA. When local altimeter setting not received, use Atqasuk altimeter setting and increase all MDA140 feet and LNAV and Circling Cat C and D visibility ½ mile. Circling NA for Cat A north of Rwy 7-25. VDP NA with Atqasuk altimeter setting.

-42°C

MISSED APPROACH: Climb to 2000 direct OBCIN and hold.

AFIS	ANCHORAGE CENTER	BARROW RADIO
132.15	135.3 239.25	123.6 (CTAF) L



MISSED APCH FIX

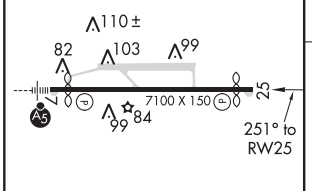
OBCIN

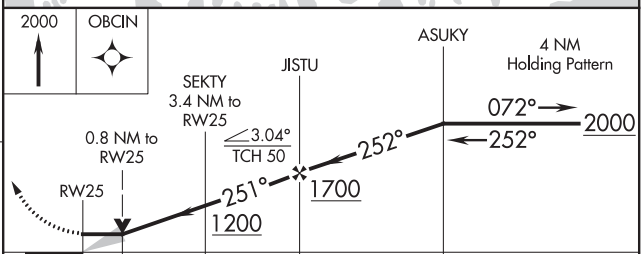
070°

250°

4 NM

ELEV	52	D	TDZE	48





CATEGORY	A	B	C	D
LNAV MDA	360/50 312 (400-1)			
CIRCLING	420-1 368 (400-1)	520-1 468 (500-1)	520-1½ 468 (500-1½)	620-2 568 (600-2)

REIL Rwy 25 L

HIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

BARROW, ALASKA | AL-5463 (FAA) | 19115

LOC BC RWY 25

WILEY POST-WILL ROGERS MEMORIAL (BRW)(PABR)

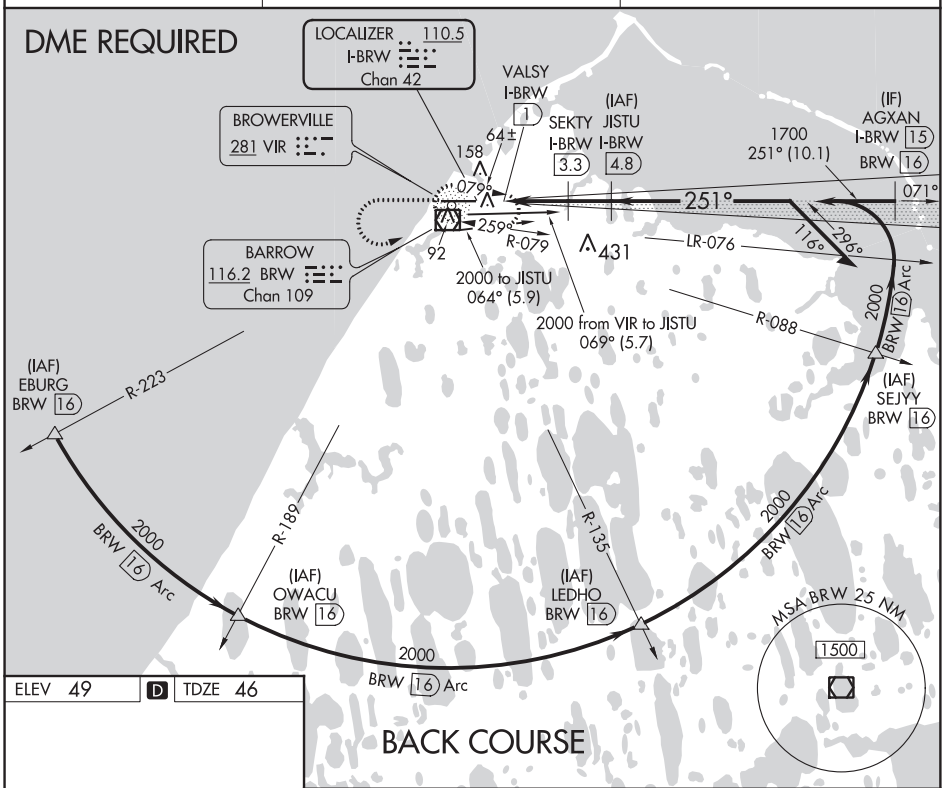
LOC/DME I-BRW	APP CRS	Rwy ldg 5900
110.5	251°	TDZE 46
Chan 42		Apt Elev 49

Circling NA for Cat A north of Rwy 7-25.
DME required.

-42°C

MISSED APPROACH: Climb to 1600 then climbing left turn to 2000 direct BRW VOR/DME and hold, continue climb-in-hold 2000.

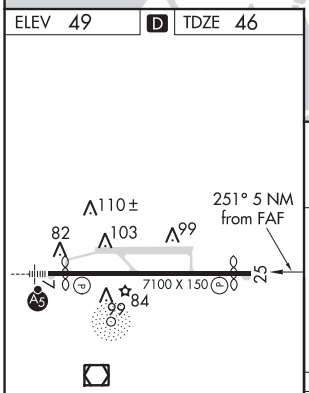
AFIS	ANCHORAGE CENTER	BARROW RADIO
132.15	135.3 239.25	123.6 (CTAF) L



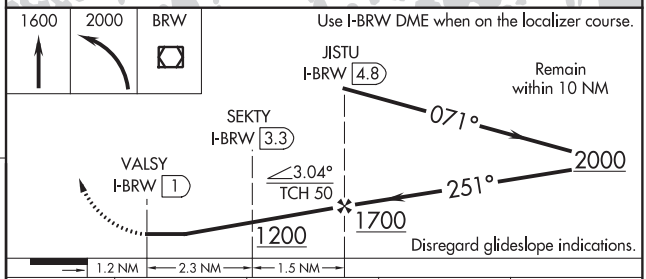
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 49 | D | TDZE 46



REIL Rwy 25 L
HIRL Rwy 7-25 L



CATEGORY	A	B	C	D
S-25	320-1⅜ 274 (300-1⅜)			
C CIRCLING	440-1⅜ 391 (400-1⅜)	520-1⅜ 471 (500-1⅜)	520-1½ 471 (500-1½)	680-2 631 (700-2)

VOR/DME BRW 116.2 Chan 109	APP CRS 224°	Rwy ldg 5900 TDZE 46 Apt Elev 49

VOR RWY 25

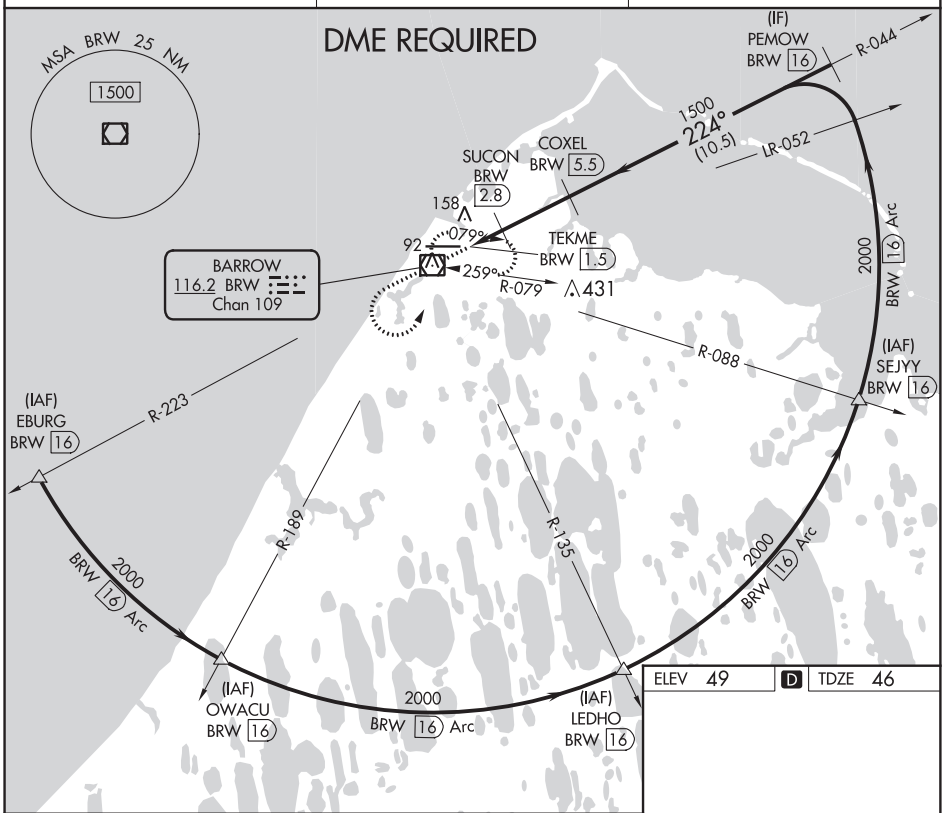
WILEY POST-WILL ROGERS MEMORIAL (BRW)(PABR)

Circling NA for Cat A north of Rwy 7-25.
DME required.

MISSED APPROACH: Climb to 1600 then climbing left turn to 2000 direct BRW VOR/DME and hold, continue climb-in-hold to 2000.

-42°C

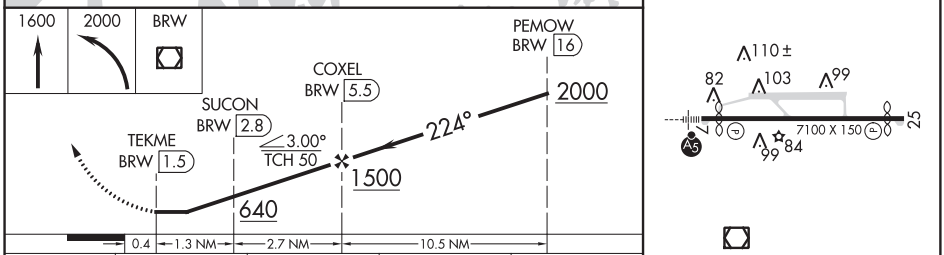
AFIS	ANCHORAGE CENTER	BARROW RADIO
132.15	135.3 239.25	123.6 (CTAF) L



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 49	D	TDZE 46



CATEGORY	A	B	C	D
S-25	420-1 374 (400-1)			
C CIRCLING	440-1 391 (400-1)	520-1 471 (500-1)	520-1½ 471 (500-1½)	680-2 631 (700-2)

REIL Rwy 25 L
HIRL Rwy 7-25 L

BARTER ISLAND, ALASKA | AL-2306 (FAA) | 20142

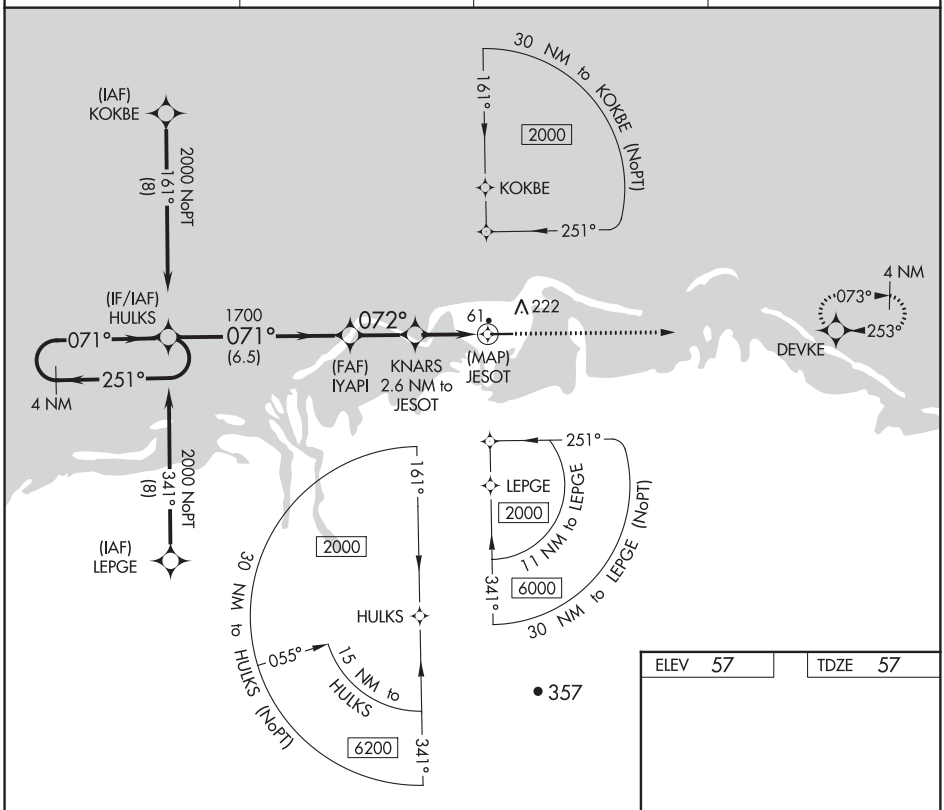
RNAV (GPS) RWY 7
BARTER ISLAND (BTI)(PABA)

APP CRS	Rwy ldg	4500
072°	TDZE	57
	Apt Elev	57

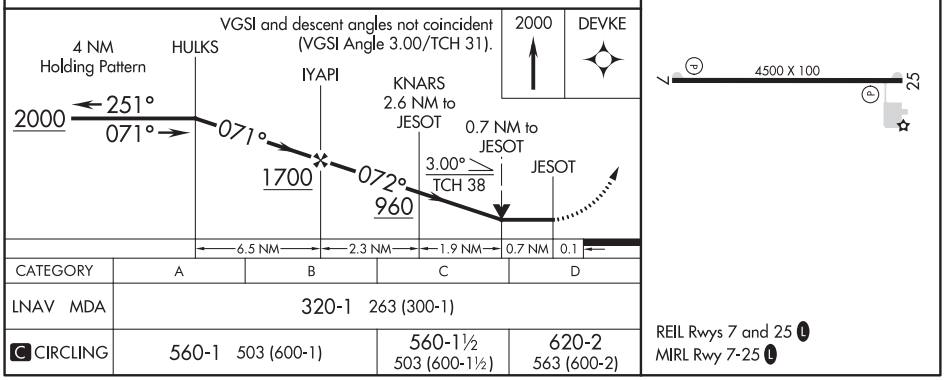
DME/DME RNP-0.3 NA.
Rwy 7 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2000 direct DEVKE and hold.

AWOS-3P	ANCHORAGE CENTER	DEADHORSE RADIO	CTAF
121.45	120.6	122.0	122.8 L



ELEV 57 | TDZE 57



CATEGORY	A	B	C	D
LNAV MDA	320-1 263 (300-1)			
C CIRCLING	560-1 503 (600-1)		560-1½ 503 (600-1½)	620-2 563 (600-2)

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

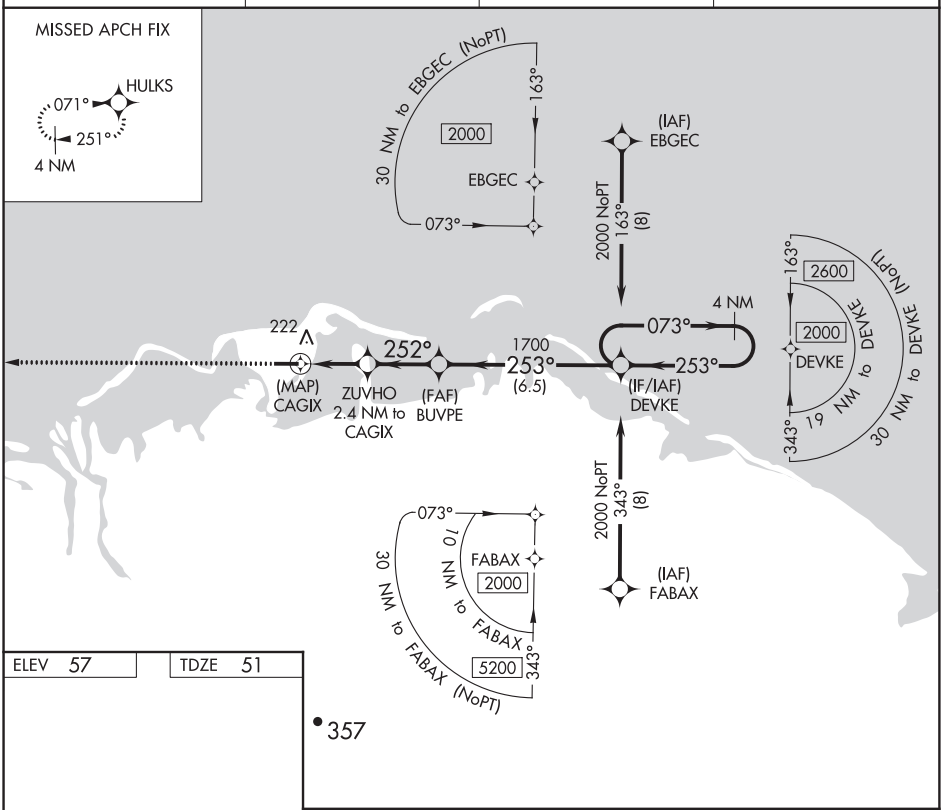
APP CRS	Rwy ldg	4500
252°	TDZE	51
	Apt Elev	57

RNAV (GPS) RWY 25
BARTER ISLAND (BTI)(PABA)

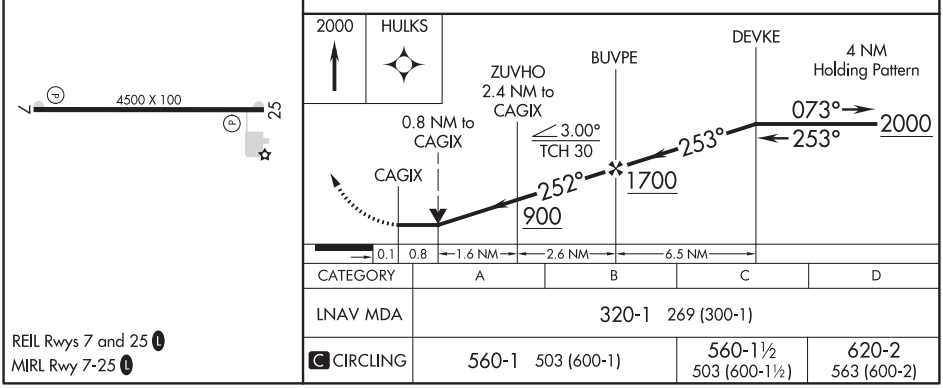
DME/DME RNP-0.3 NA.
Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2000 direct HULKS and hold.

AWOS-3P	ANCHORAGE CENTER	DEADHORSE RADIO	CTAF
121.45	120.6	122.0	122.8 L



ELEV 57	TDZE 51



CATEGORY	A	B	C	D
LNAV MDA	320-1 269 (300-1)			
C CIRCLING	560-1 503 (600-1)		560-1½ 503 (600-1½)	620-2 563 (600-2)

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

BEAVER, ALASKA | AL-10233 (FAA) | 19339

RNAV (GPS) RWY 5
BEAVER (WBQ)(PAWB)

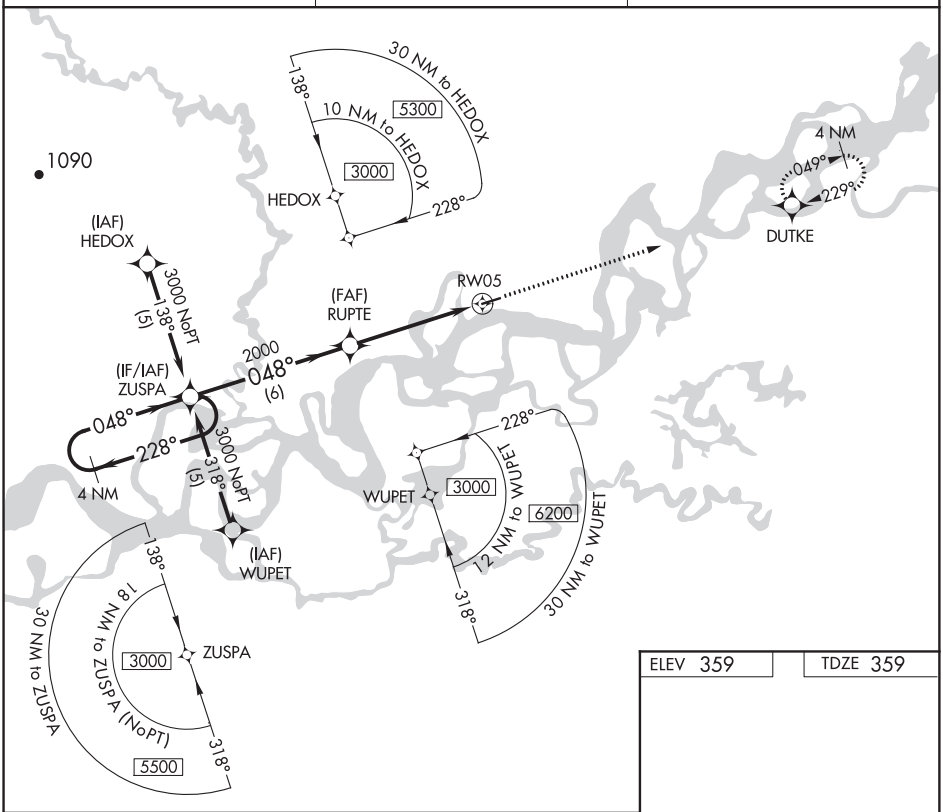
APP CRS	Rwy ldg	3934
048°	TDZE	359
	Apt Elev	359

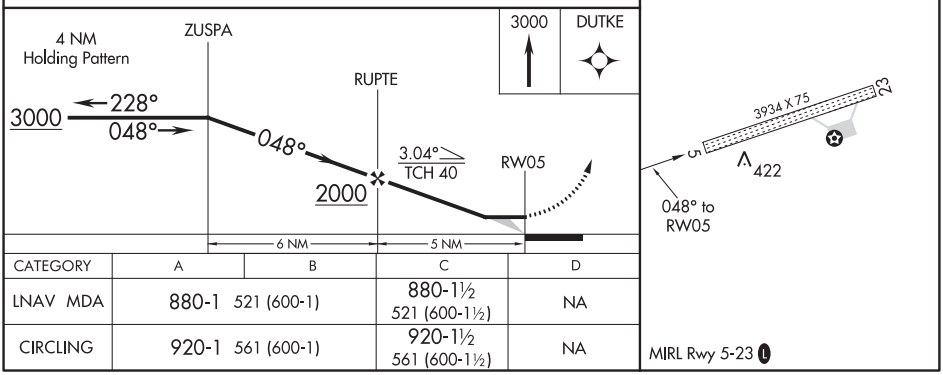
NA
-42°C

DME/DME RNP-0.3 NA.
Use Fort Yukon altimeter setting.

MISSED APPROACH: Climb to 3000 direct DUTKE and hold.

FYU/PFYU AWOS-3P	FAIRBANKS RADIO	CTAF
125.8	122.05 122.15	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	880-1 521 (600-1)		880-1½ 521 (600-1½)	NA
CIRCLING	920-1 561 (600-1)		920-1½ 561 (600-1½)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	3934
229°	TDZE	359
	Apt Elev	359

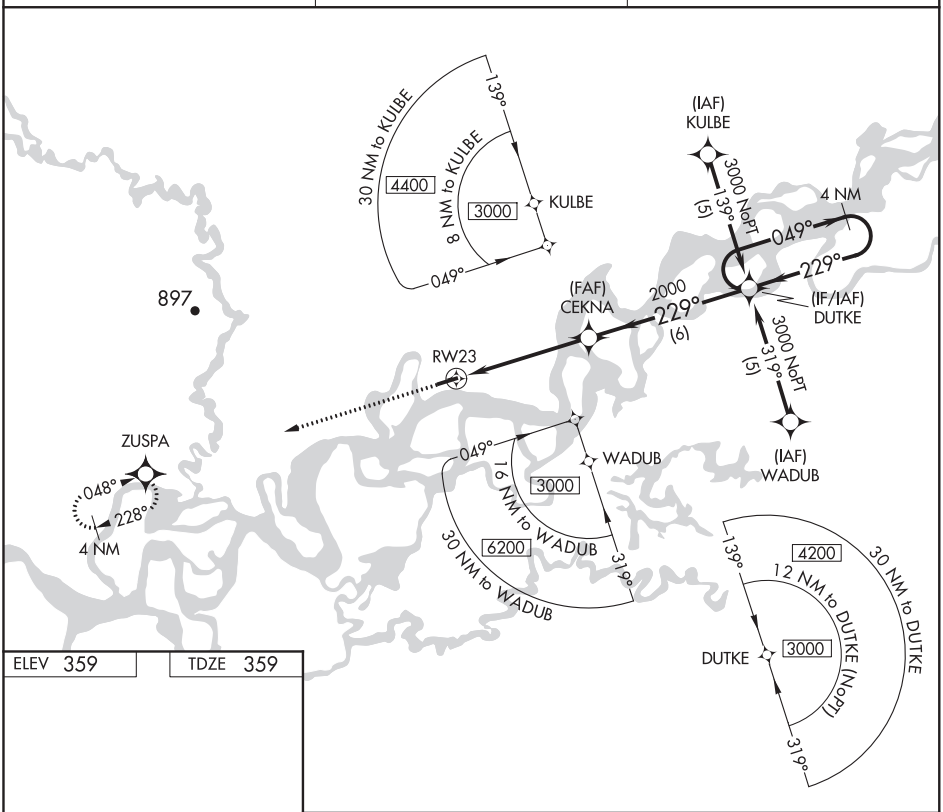
RNAV (GPS) RWY 23
BEAVER (WBQ)(PAWB)

NA
-42°C

DME/DME RNP-0.3 NA.
Use Fort Yukon altimeter setting.

MISSED APPROACH: Climb to 3000 direct ZUSPA and hold.

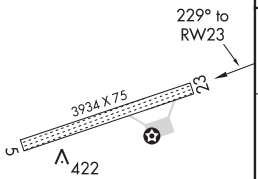
FYU/PFYU AWOS-3P	FAIRBANKS RADIO	CTAF
125.8	122.05 122.15	122.9 L

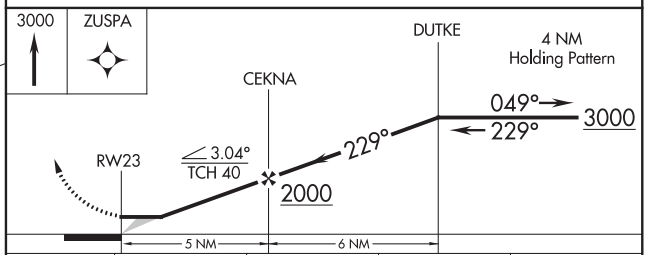


AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 359 TDZE 359





CATEGORY	A	B	C	D
LNAV MDA	860-1 501 (600-1)		860-1½ 501 (600-1½)	NA
CIRCLING	920-1 561 (600-1)		920-1½ 561 (600-1½)	NA

MIRL Rwy 5-23 L

BETHEL, ALASKA | AL-5001 (FAA) | 20254

ILS Y or LOC Y RWY 19R
BETHEL (BET)(PABE)

LOC/DME I-BET	APP CRS	Rwy ldg	6400
111.5	192°	TDZE	120
Chan 52		Apt Elev	129

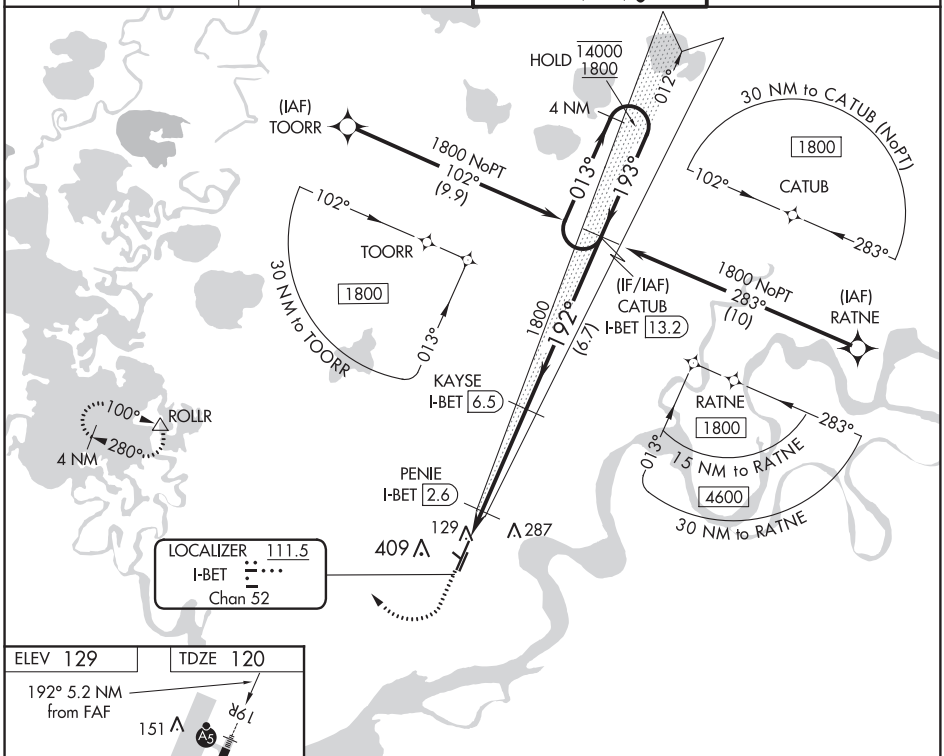
DME required. RNAV 1-GPS required.

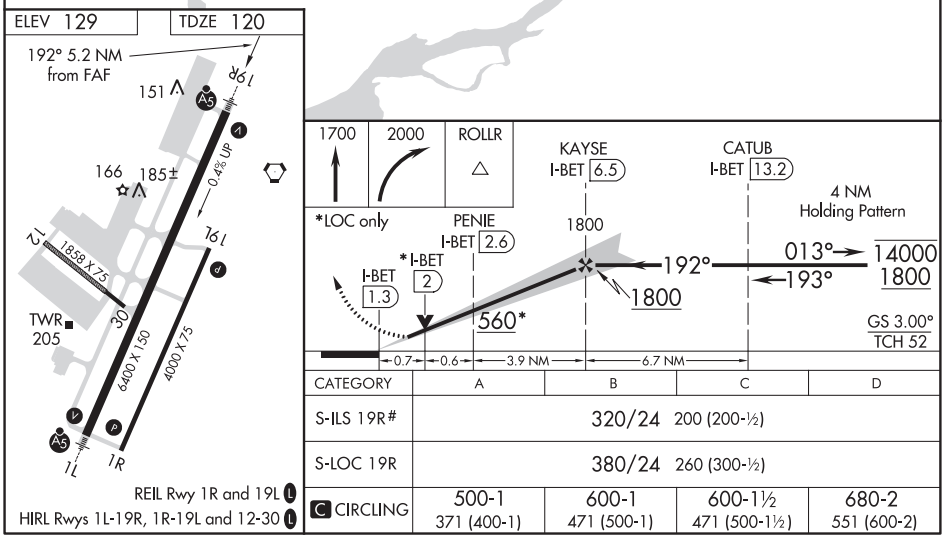
Circling NA west of Rwy 1L-19R. For inop ALS, increase S-LOC-19R Cat C/D visibility to RVR 4000.
#RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 1700 then climbing right turn to 2000 direct ROLLR and hold.

ATIS	ANCHORAGE CENTER	BETHEL TOWER ★	GND CON
119.8	125.2 372.0	118.7 (CTAF)	121.7





CATEGORY	A	B	C	D
S-ILS 19R#	320/24 200 (200-½)			
S-LOC 19R	380/24 260 (300-½)			
C CIRCLING	500-1 371 (400-1)	600-1 471 (500-1)	600-1½ 471 (500-1½)	680-2 551 (600-2)

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ILS Z or LOC Z RWY 19R
BETHEL (BET)(PABE)

LOC/DME I-BET	APP CRS	Rwy ldg	6400
111.5	192°	TDZE	120
Chan 52		Apt Elev	129

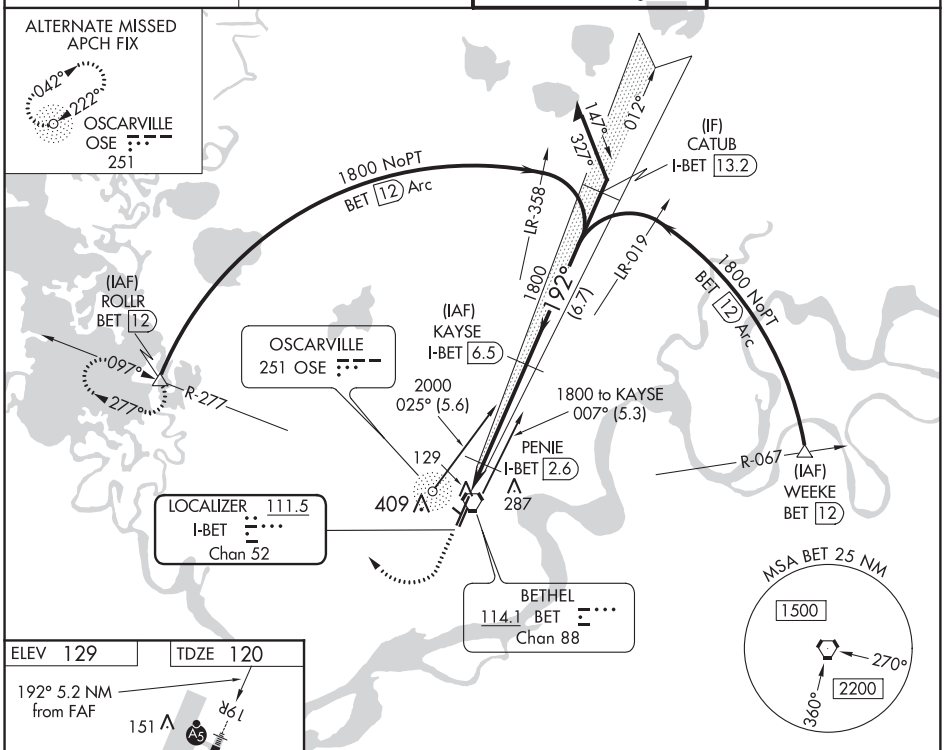
DME required.

Circling NA west of Rwy 1L-19R.
For inop ALS, increase S-LOC Cat C/D visibility to RVR 4500.
#RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 700 then climbing right turn to 2000 on BET VORTAC R-277 to ROLLR/BET VORTAC 12 DME and hold.

ATIS	ANCHORAGE CENTER	BETHEL TOWER ★	GND CON
119.8	125.2 372.0	118.7 (CTAF)	121.7



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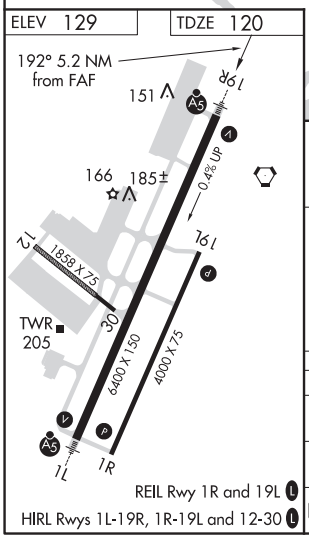
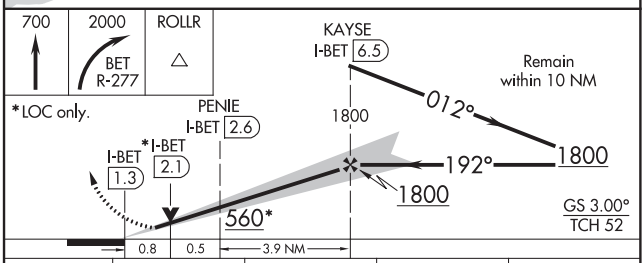




CATEGORY	A	B	C	D
S-ILS 19R#	320/24 200 (200-½)			
S-LOC 19R	400/24 280 (300-½)			
C CIRCLING	500-1 371 (400-1)	600-1 471 (500-1)	600-1½ 471 (500-1½)	680-2 551 (600-2)

WAAS CH 42707 W01A	APP CRS 012°	Rwy ldg 6400 TDZE 127 Apt Elev 129

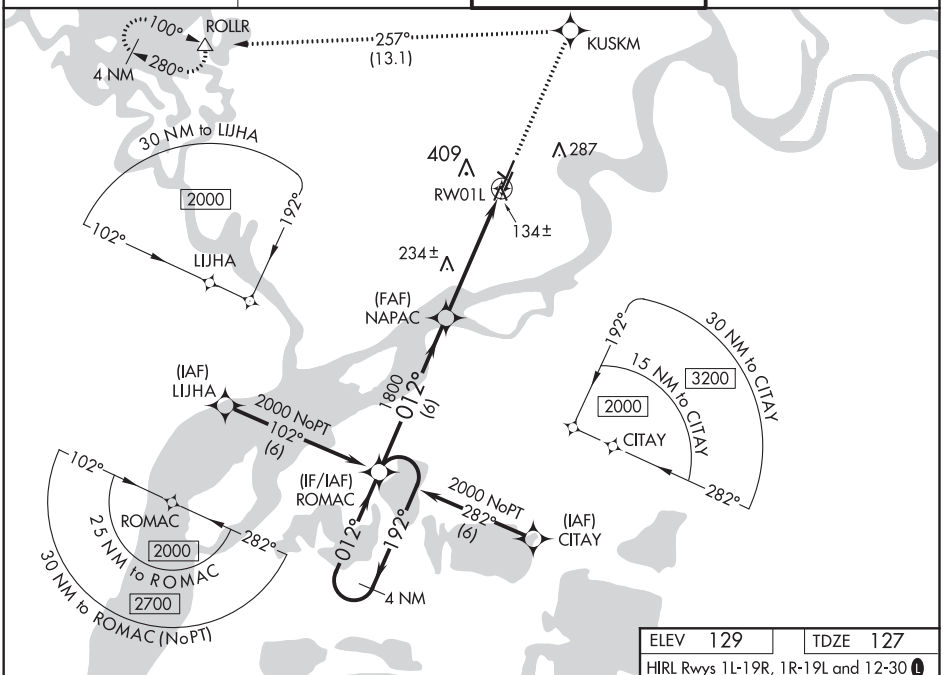
RNAV (GPS) RWY 1L
BETHEL (BET)(PABE)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 54°C (130°F).
Circling NA west of Rwy 1L-19R. DME/DME RNP-0.3 NA.
For inop ALS, increase LNAV Cat C/D visibility to RVR 6000.

MALSR

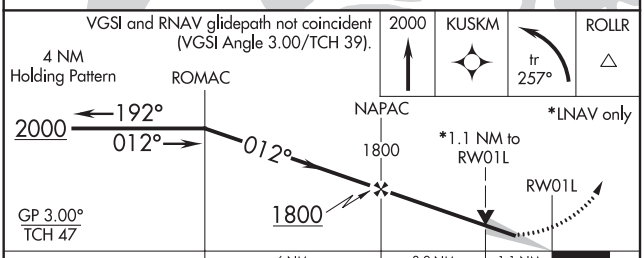
MISSED APPROACH: Climb to 2000 direct KUSKM and left turn on track 257° to ROLLR and hold.

ATIS	ANCHORAGE CENTER	BETHEL TOWER ★	GND CON
119.8	125.2 372.0	118.7 (CTAF) L	121.7



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 39).

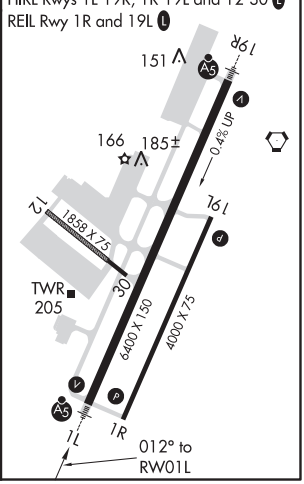
2000	KUSKM	tr 257°	ROLLR



CATEGORY	A	B	C	D
LPV DA	377/24 250 (300-½)			
LNAV/VNAV DA	555/50 428 (500-1)			
LNAV MDA	500/24 373 (400-½)		500/50 373 (400-1)	
C CIRCLING	500-1 371 (400-1)	600-1 471 (500-1)	600-1½ 471 (500-1½)	680-2 551 (600-2)

ELEV 129	TDZE 127

HIRL Rwys 1L-19R, 1R-19L and 12-30 L
REIL Rwy 1R and 19L L



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WAAS CH 81940 W01B	APP CRS 012°	Rwy ldg 4000 TDZE 124 Apt Elev 129

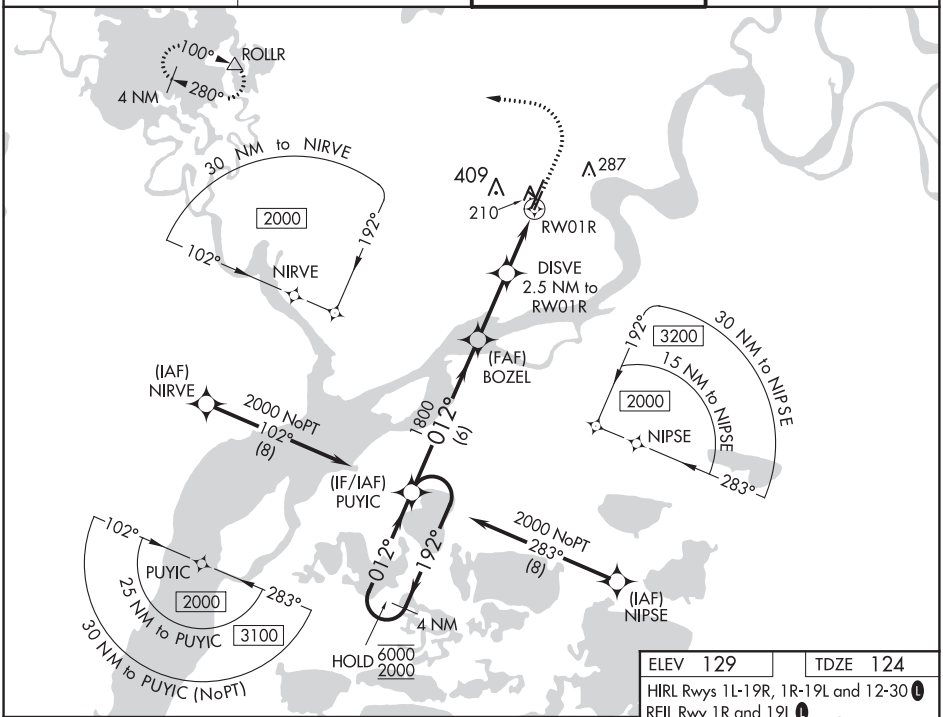
RNAV (GPS) RWY 1R
BETHEL (BET)(PABE)

RNP APCH.

Circling NA west of Rwy 1L-19R. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.

MISSED APPROACH: Climb to 600 then climbing left turn to 2000 direct ROLLR and hold.

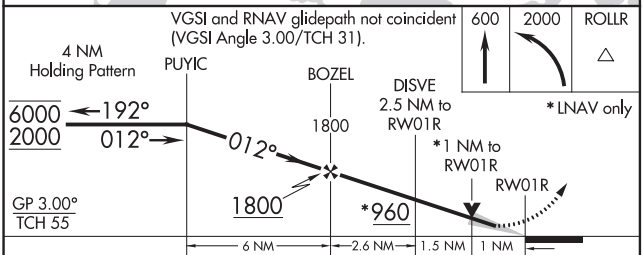
ATIS	ANCHORAGE CENTER	BETHEL TOWER *	GND CON
119.8	125.2 372.0	118.7 (CTAF) L	121.7



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 31).

600	2000	ROLLR

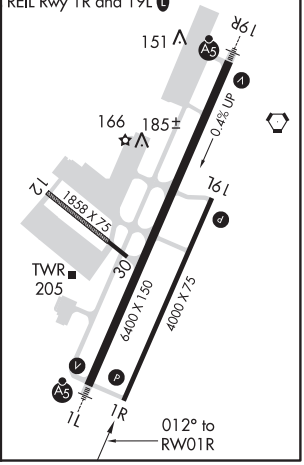
* LNAV only



CATEGORY	A	B	C	D
LPV DA	374-¾ 250 (300-¾)			
LNAV/VNAV DA	374-¾ 250 (300-¾)			
LNAV MDA	460-1 336 (400-1)			
C CIRCLING	500-1 371 (400-1)	600-1 471 (500-1)	600-1½ 471 (500-1½)	680-2 551 (600-2)

ELEV 129	TDZE 124

HIRL Rwys 1L-19R, 1R-19L and 12-30 L
REIL Rwy 1R and 19L L



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BETHEL, ALASKA

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RNAV (GPS) RWY 19L

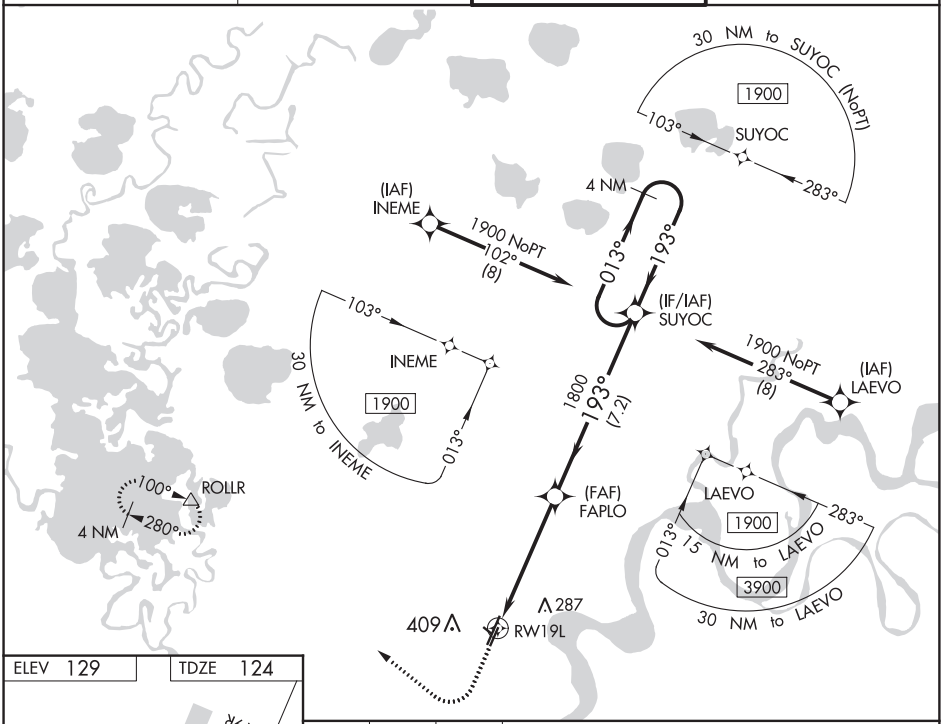
BETHEL (BET)(PABE)

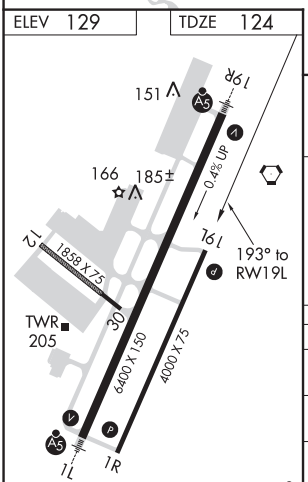
WAAS CH 99440 W19B	APP CRS 193°	Rwy ldg 4000 TDZE 124 Apt Elev 129

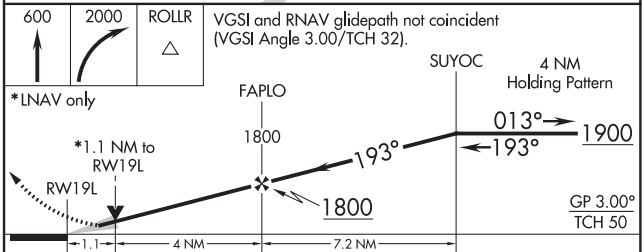
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 54°C (130°F). Circling NA west of Rwy 1L-19R. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct ROLLR and hold.

ATIS	ANCHORAGE CENTER	BETHEL TOWER ★	GND CON
119.8	125.2 372.0	118.7 (CTAF) L	121.7







CATEGORY	A	B	C	D
LPV DA	374-¾ 250 (300-¾)			
LNAV/VNAV DA	374-¾ 250 (300-¾)			
LNAV MDA	500-1 376 (400-1)			
C CIRCLING	500-1 371 (400-1)	600-1 471 (500-1)	600-1½ 471 (500-1½)	680-2 551 (600-2)

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WAAS CH 70507 W19A	APP CRS 193°	Rwy ldg 6400 TDZE 120 Apt Elev 129

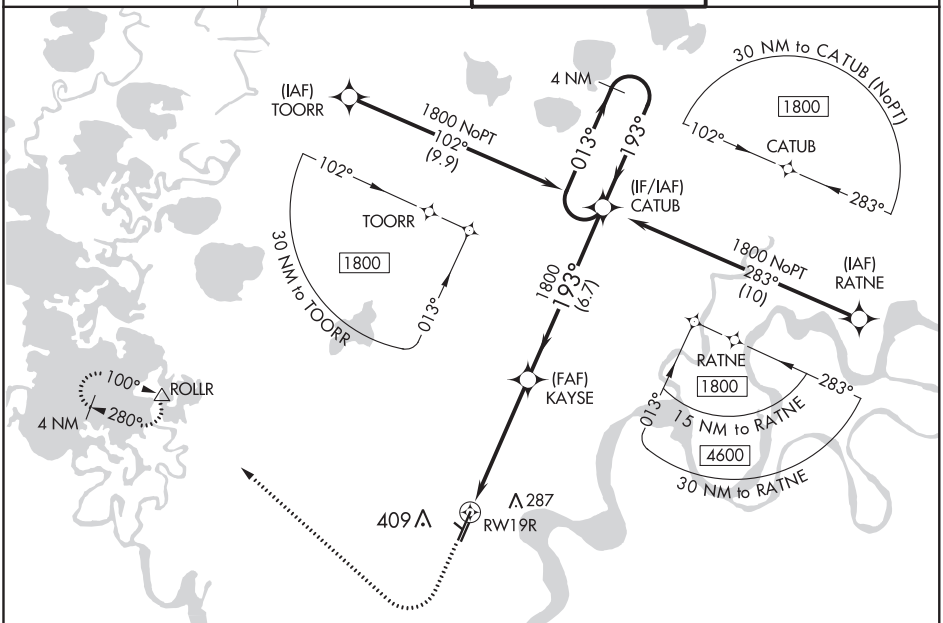
RNAV (GPS) RWY 19R
BETHEL (BET)(PABE)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 54°C (130°F). Circling NA west of Rwy 1L-19R. DME/DME RNP-0.3 NA.

MALSR

MISSED APPROACH: Climb to 1700 then climbing right turn to 2000 direct ROLLR and hold.

ATIS	ANCHORAGE CENTER	BETHEL TOWER *	GND CON
119.8	125.2 372.0	118.7 (CTAF) L	121.7



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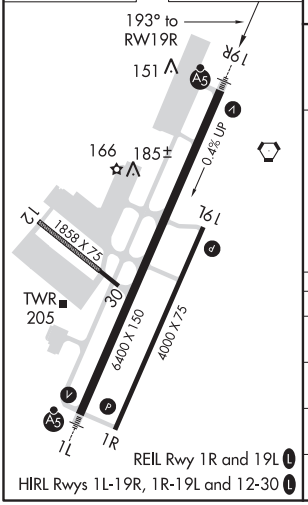
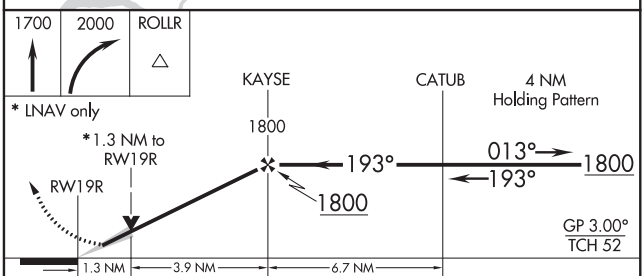
ELEV 129 TDZE 120



REIL Rwy 1R and 19L L

HIRL Rwys 1L-19R, 1R-19L and 12-30 L



CATEGORY		A	B	C	D
LPV	DA	320/24 200 (200-½)			
LNAV/VNAV	DA	479/40 359 (400-¾)			
LNAV	MDA	560/24 440 (500-½)		560/45 440 (500-⅞)	
C CIRCLING		560-1 431 (500-1)	600-1 471 (500-1)	600-1½ 471 (500-1½)	680-2 551 (600-2)

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RNAV (GPS)-A

BETHEL(BET)(PABE)

APP CRS	Rwy ldg	N/A
102°	TDZE	N/A
	Apt Elev	129

RNP APCH.

Circling NA west of Rwy 1L-19R.

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

ATIS	ANCHORAGE CENTER	BETHEL TOWER ★	GND CON
119.8	125.2 372.0	118.7 (CTAF) L	121.7

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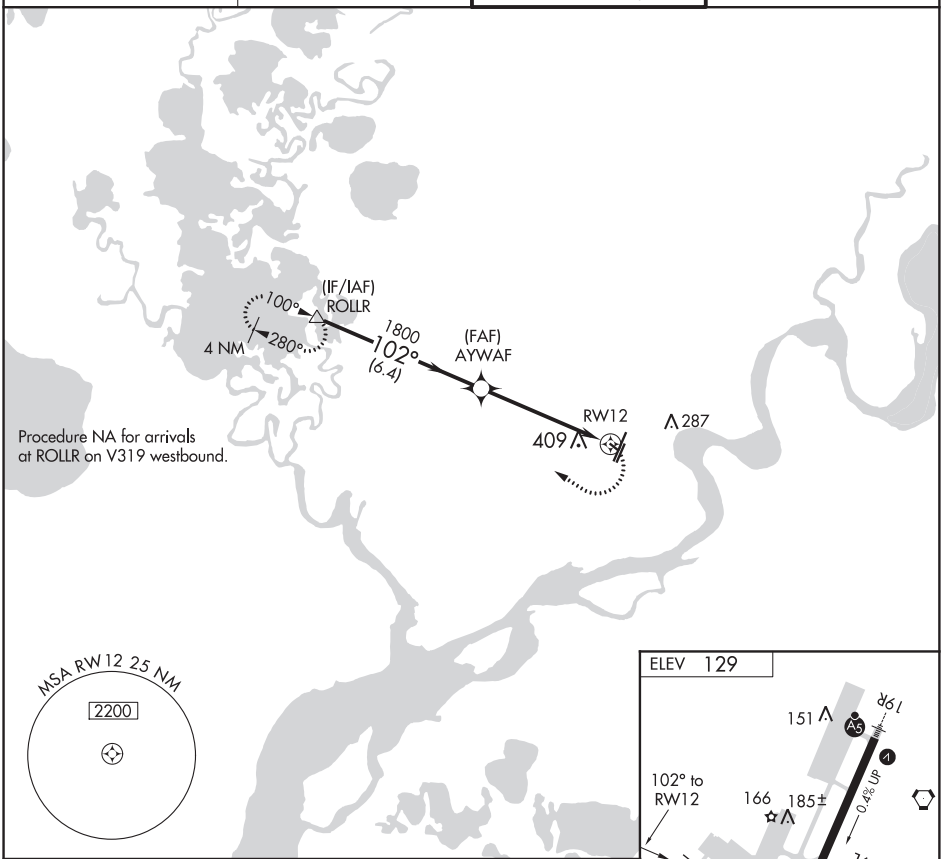
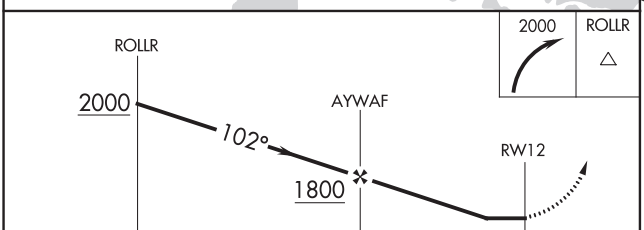
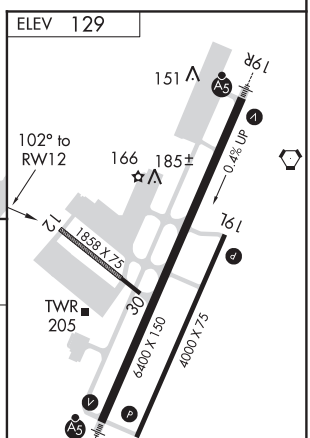






REIL Rwy 1R and 19L L

HIRL Rwys 1L-19R, 1R-19L and 12-30 L

CATEGORY	A	B	C	D
C CIRCLING	660-1	531 (600-1)	660-1½ 531 (600-1½)	680-2 551 (600-2)

VORTAC BET 114.1 Chan 88	APP CRS 016°	Rwy ldg 6400 TDZE 127 Apt Elev 129

VOR RWY 1L
BETHEL (BET)(PABE)

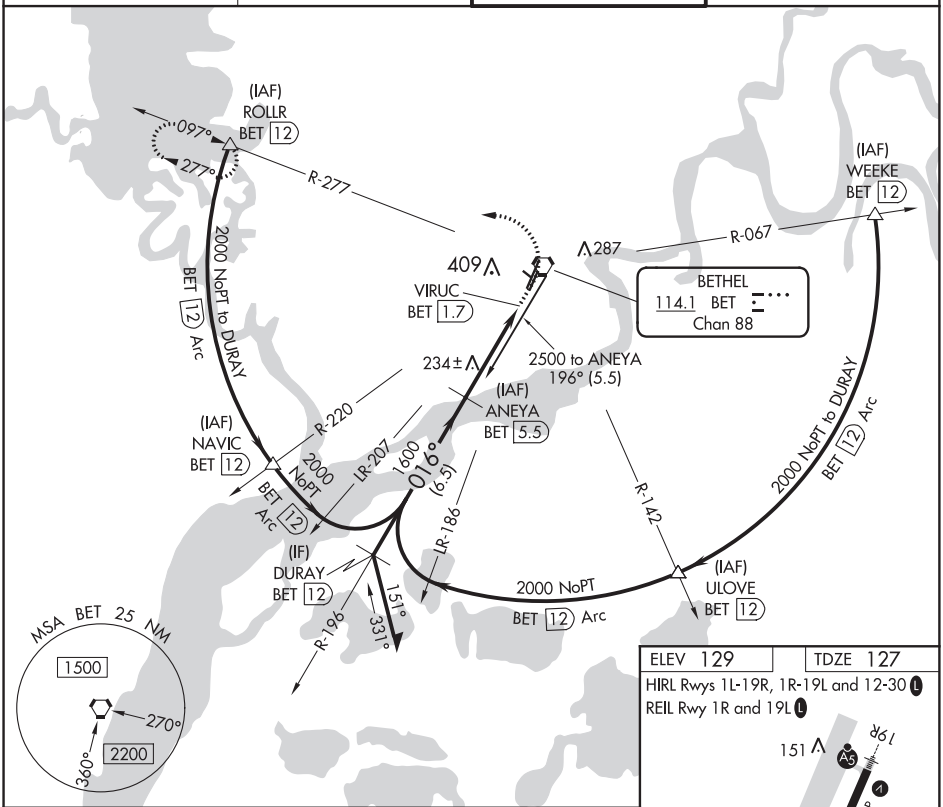
DME required.

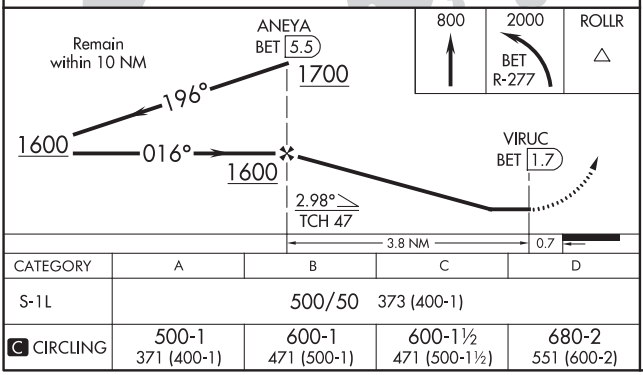
T A Circling NA west of Rwy 1L-19R. For inop ALS, increase S-1L Cat C/D visibility to RVR 5500.

MALSR A5

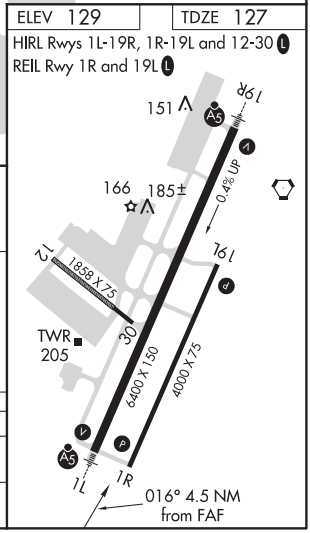
MISSED APPROACH: Climb to 800 then climbing left turn to 2000 on BET VORTAC R-277 to ROLLR/12 DME and hold.

ATIS	ANCHORAGE CENTER	BETHEL TOWER ★	GND CON
119.8	125.2 372.0	118.7 (CTAF) L	121.7





CATEGORY	A	B	C	D
S-1L	500/50 373 (400-1)			
C CIRCLING	500-1 371 (400-1)	600-1 471 (500-1)	600-1½ 471 (500-1½)	680-2 551 (600-2)



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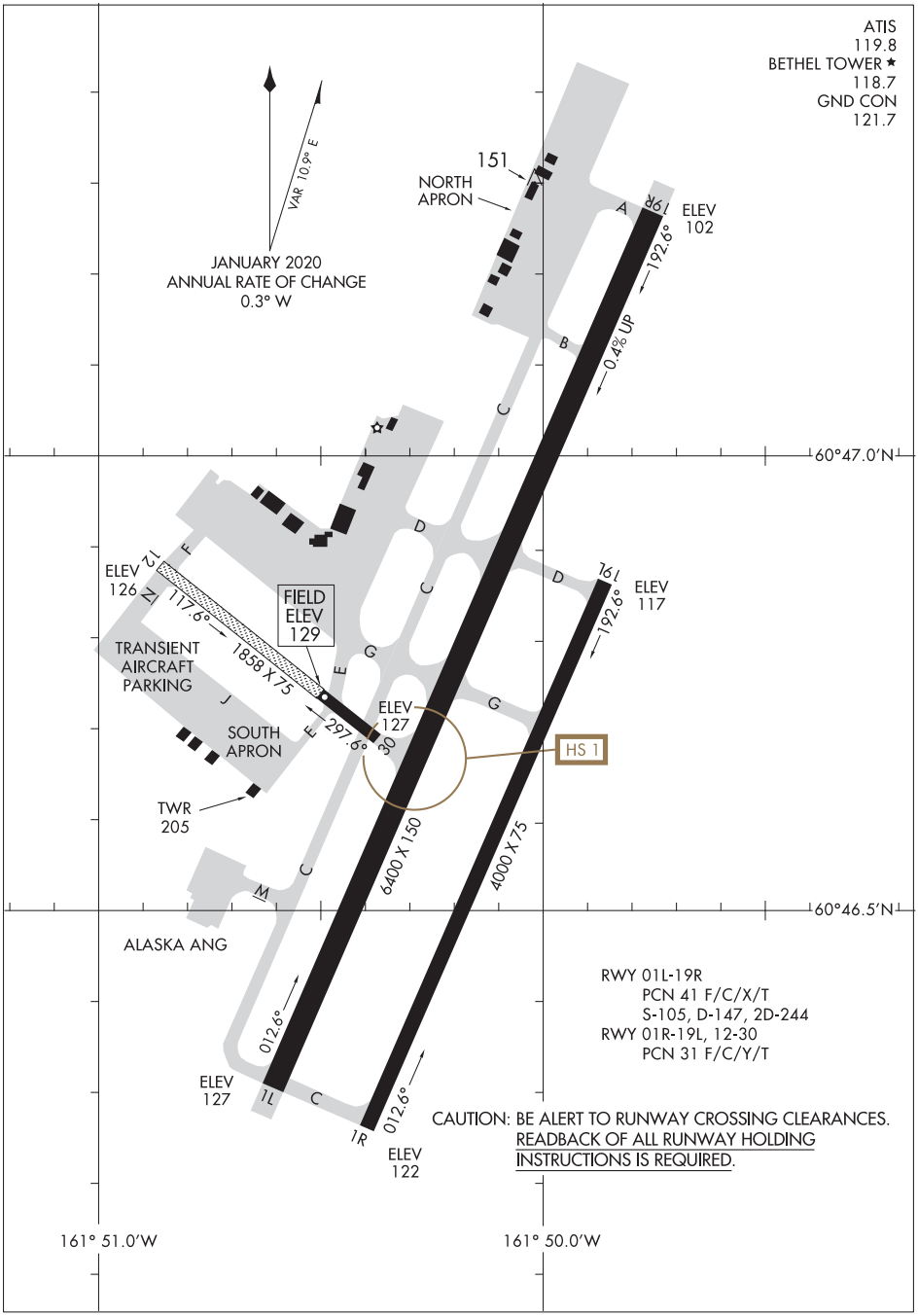
AIRPORT DIAGRAM

AL-5001 (FAA)

BETHEL (BET)(PABE)
BETHEL, ALASKA



RWY 01L-19R
PCN 41 F/C/X/T
S-105, D-147, 2D-244
RWY 01R-19L, 12-30
PCN 31 F/C/Y/T

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

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AIRPORT DIAGRAM
20254
BETHEL, ALASKA
BETHEL (BET)(PABE)

APP CRS	Rwy ldg	5190
016°	TDZE	642
	Apt Elev	647

RNAV (GPS) RWY 2
BETTLES(BTT)(PABT)

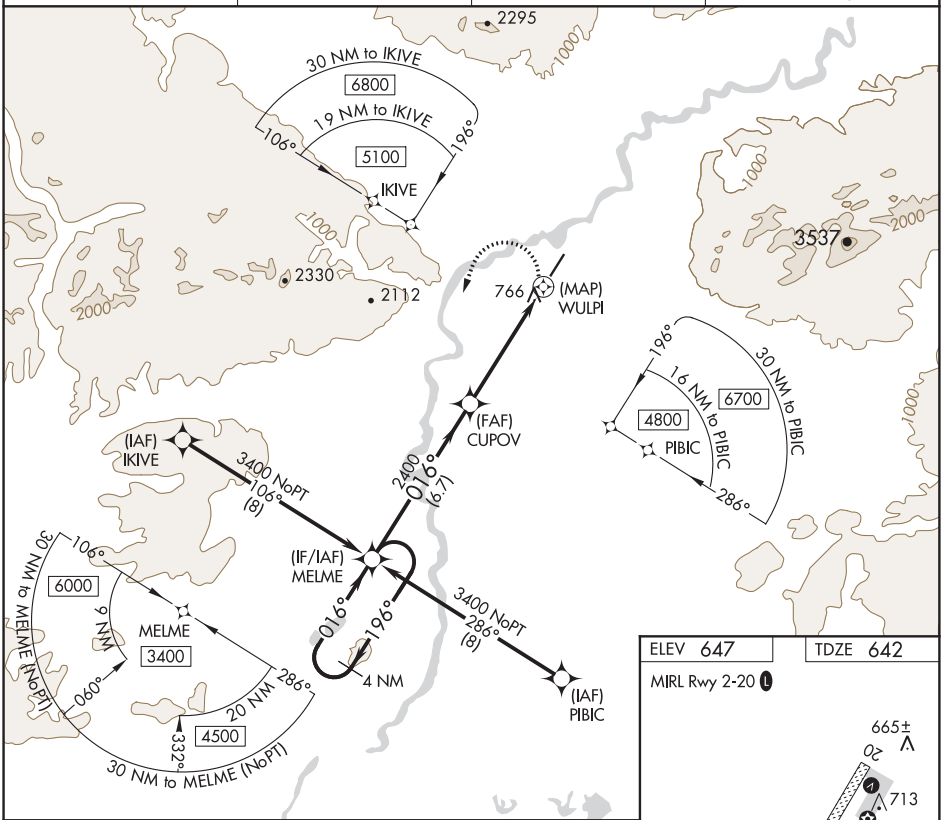
RNP APCH.

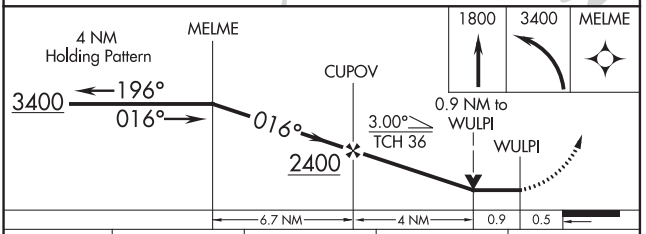
Inoperative table does not apply. Circling NA east of Rwy 2-20. For inop ALS, increase Cat C/D visibility to 1⅜ SM. Rwy 2 helicopter visibility reduction below ¾ SM NA. -45°C

MALSR

MISSED APPROACH: (Do not exceed 230K until MELME) Climb to 1800 then climbing left turn to 3400 direct MELME and hold.

ASOS	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.45	124.6 352.0	122.2	122.9 L

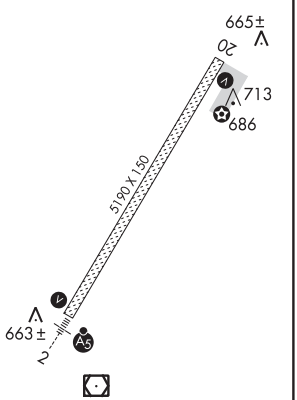




CATEGORY	A	B	C	D
LNAV MDA	1100-1 458 (500-1)			
C CIRCLING	1100-1 453 (500-1)		1320-2 673 (700-2)	1320-2¼ 673 (700-2¼)

ELEV 647 TDZE 642

MIRL Rwy 2-20 L



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BETTLES, ALASKA | AL-1501 (FAA) | 20254

RNAV (GPS) RWY 20
BETTLES(BTT)(PABT)

APP CRS	Rwy ldg	5190
191°	TDZE	647
	Apt Elev	647

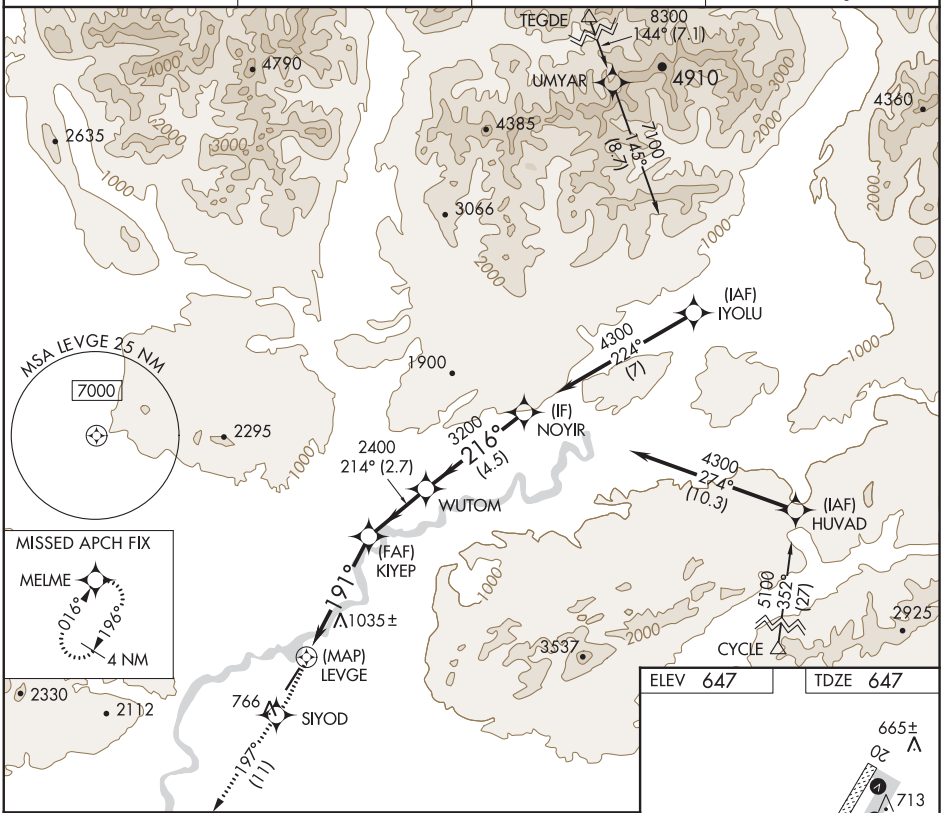
RNP APCH.

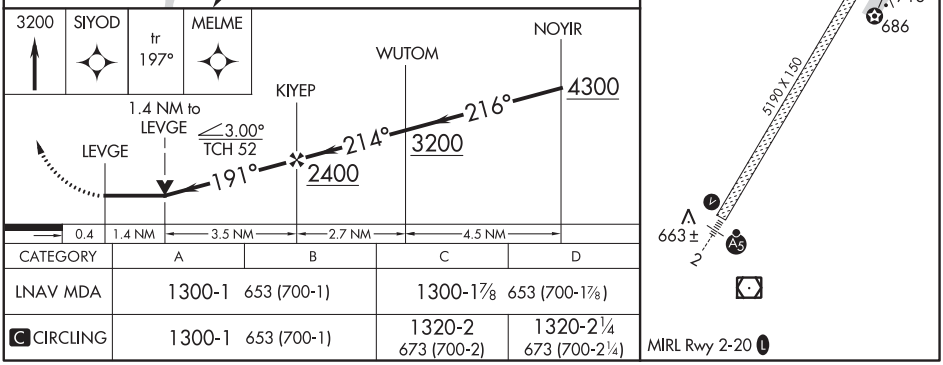
Circling NA east of Rwy 2-20. Rwy 20 helicopter visibility reduction below ¾ SM NA.

-45°C

MISSED APPROACH: Climb to 3200 direct SIYOD and on track 197° to MELME and hold.

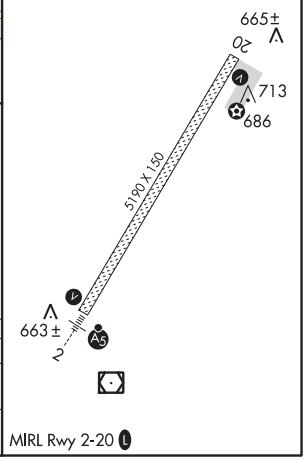
ASOS	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.45	124.6 352.0	122.2	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	1300-1 653 (700-1)		1300-1⅞ 653 (700-1⅞)	
C CIRCLING	1300-1 653 (700-1)		1320-2 673 (700-2)	1320-2¼ 673 (700-2¼)

ELEV 647 | TDZE 647



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BETTLES, ALASKA
Amdt 1 24MAY18

66°55′N-151°32′W

BETTLES(BTT)(PABT)
RNAV (GPS) RWY 20

VOR RWY 2
BETTLES (BTT)(PABT)

VOR/DME BTT 116.0 Chan 107	APP CRS 024°	Rwy ldg 5190 TDZE 642 Apt Elev 647

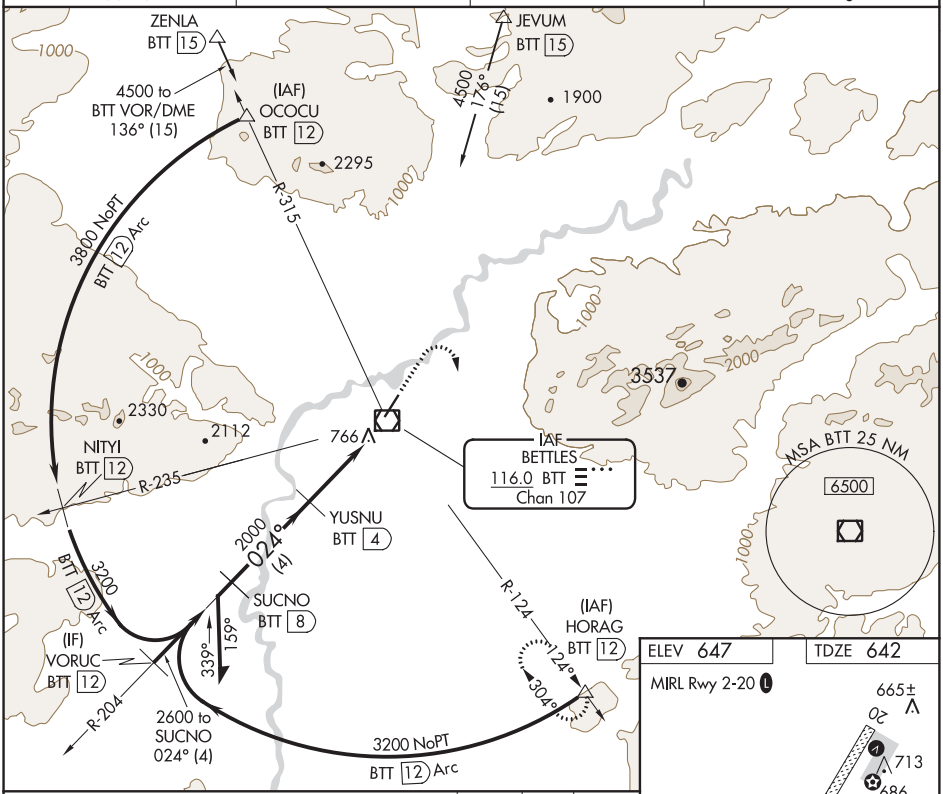
DME required.

Rwy 2 helicopter visibility reduction below ¾ SM NA. Circling NA east of Rwy 2-20. Inoperative table does not apply to Cats A/B. For inop ALS, increase S-2 Cat C/D visibility to 1⅜ SM. -45°C

MALSR

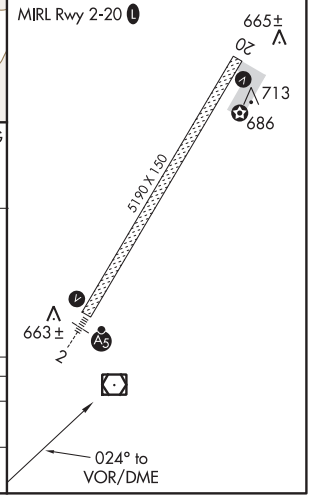
MISSED APPROACH: Climbing right turn to 3500 on BTT VOR/DME R-124 to HORAG/BTT 12 DME and hold, continue climb-in-hold to 3500.

ASOS	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.45	124.6 352.0	122.2	122.9 L

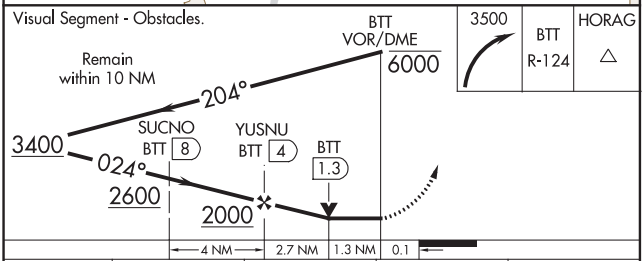


ELEV 647 TDZE 642

MIRL Rwy 2-20 L



Visual Segment - Obstacles.



3500	BTT R-124	HORAG

CATEGORY	A	B	C	D
S-2	1100-1 458 (500-1)			
C CIRCLING	1100-1 453 (500-1)		1320-2 673 (700-2)	1320-2¼ 673 (700-2¼)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

BIG LAKE, ALASKA | AL-5220 (FAA) | 19115

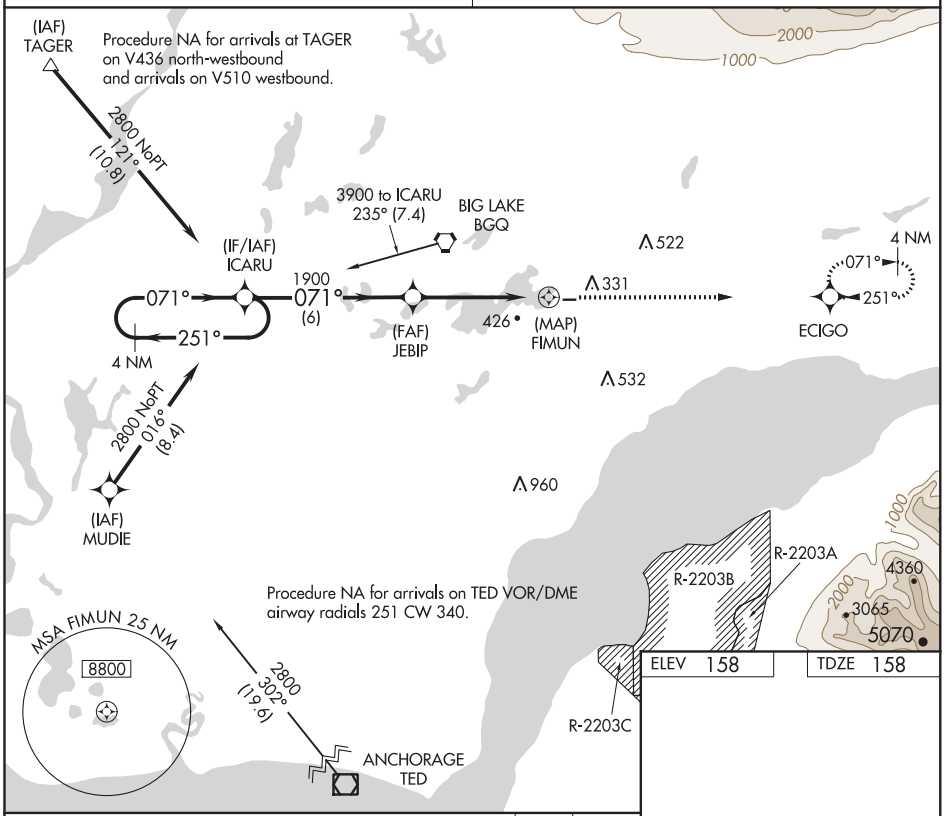
RNAV (GPS) RWY 7
BIG LAKE (BGQ) (PAGQ)

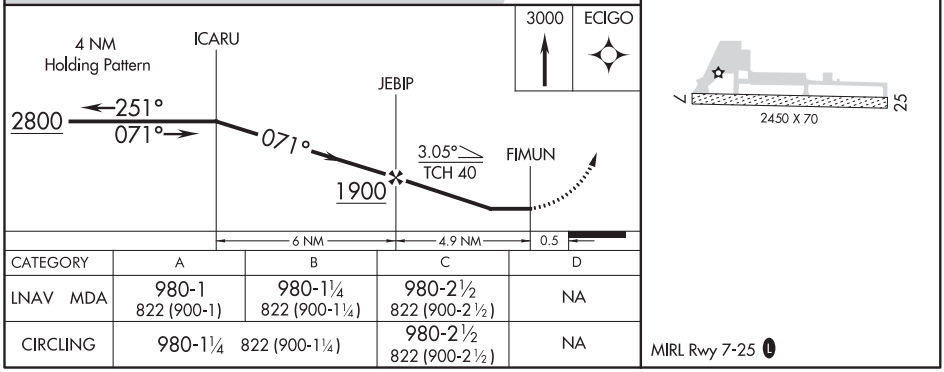
APP CRS	Rwy ldg	2450
071°	TDZE	158
	Apt Elev	158

Use Anchorage altimeter setting. DME/DME RNP-0.3 NA. Procedure NA at night. Helicopter visibility reduction below 1 SM not authorized.

MISSED APPROACH: Climb to 3000 direct ECIGO and hold.

ANCHORAGE APP CON	CTAF
118.6 290.5	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	980-1 822 (900-1)	980-1¼ 822 (900-1¼)	980-2½ 822 (900-2½)	NA
CIRCLING	980-1¼ 822 (900-1¼)		980-2½ 822 (900-2½)	NA

MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

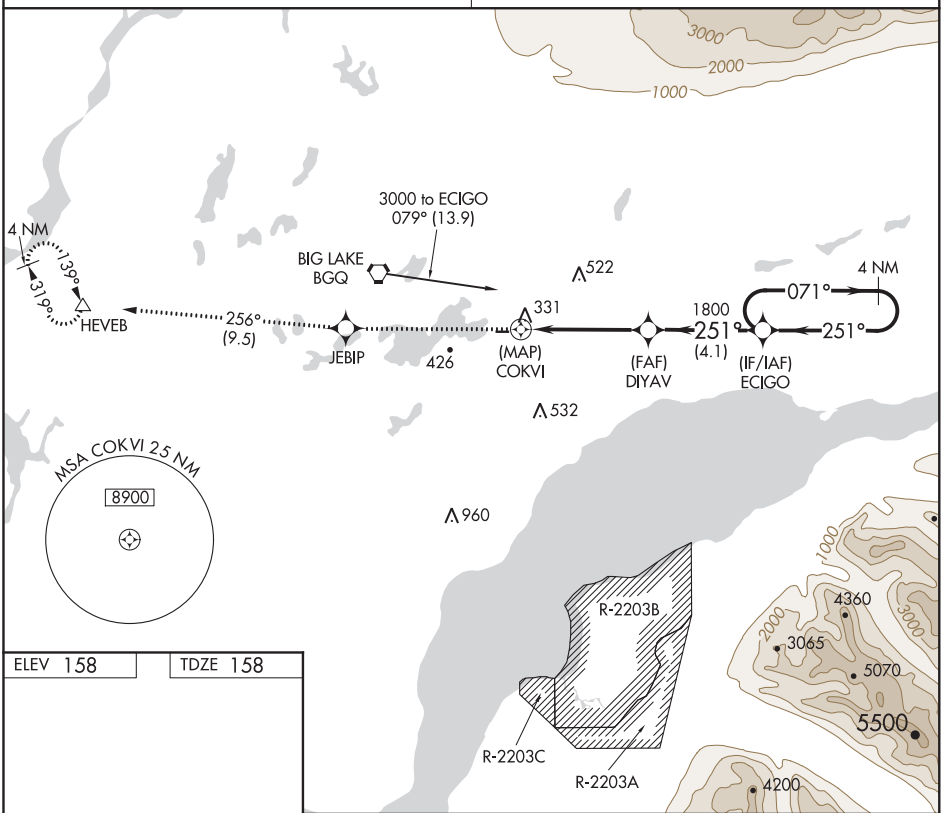
RNAV (GPS) RWY 25
BIG LAKE (BGQ) (PAGQ)

APP CRS	Rwy ldg	2450
251°	TDZE	158
	Apt Elev	158

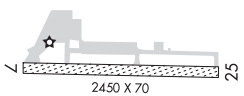
Use Anchorage altimeter setting. Procedure NA at night. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM not authorized.

MISSED APPROACH: Climb to 3000 direct JEBIP and on track 256° to HEVEB and hold.

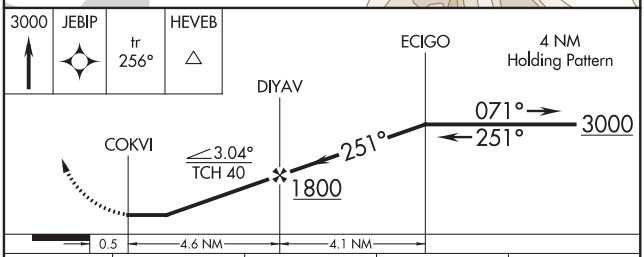
ANCHORAGE APP CON	CTAF
118.6 290.5	122.8 L



ELEV 158	TDZE 158



MIRL Rwy 7-25 L



CATEGORY	A	B	C	D
LNAV MDA	1080-1¼ 922 (1000-1¼)		1080-2½ 922 (1000-2½)	NA
CIRCLING	1080-1¼ 922 (1000-1¼)		1080-2¾ 922 (1000-2¾)	NA

AK, 05 NOV 2020 to 31 DEC 2020

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BIG LAKE, ALASKA | AL-5220 (FAA) | 19115

VOR RWY 7
BIG LAKE (BGQ) (PAGQ)

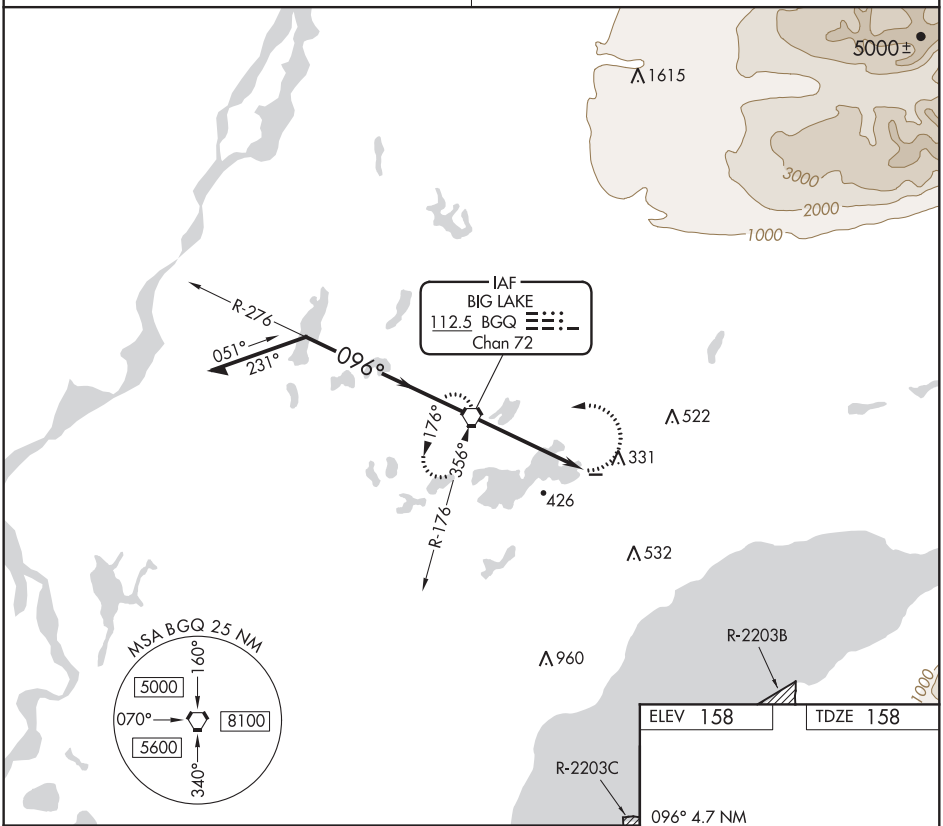
VORTAC BGQ	APP CRS	Rwy ldg	2450
112.5	096°	TDZE	158
Chan 72		Apt Elev	158

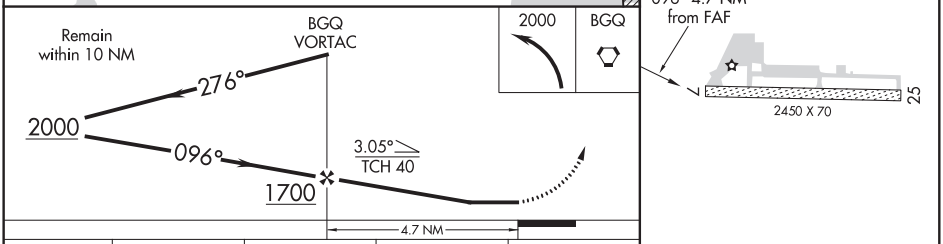
Use Anchorage altimeter setting. Procedure NA at night.
NA Helicopter visibility reduction below 1 SM not authorized.

MISSED APPROACH: Climbing left turn to 2000 direct BGQ VORTAC and hold.

ANCHORAGE APP CON
118.6 290.5

CTAF
122.8 L





CATEGORY	A	B	C	D
S-7	980-1 822 (900-1)	980-1¼ 822 (900-1¼)	980-2½ 822 (900-2½)	NA
CIRCLING	980-1¼ 822 (900-1¼)		980-2½ 822 (900-2½)	NA

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 77628 W12A	APP CRS 120°	Rwy ldg 2990 TDZE 37 Apt Elev 38

RNAV (GPS) RWY 12
BREVIG MISSION (KTS) (PFKT)

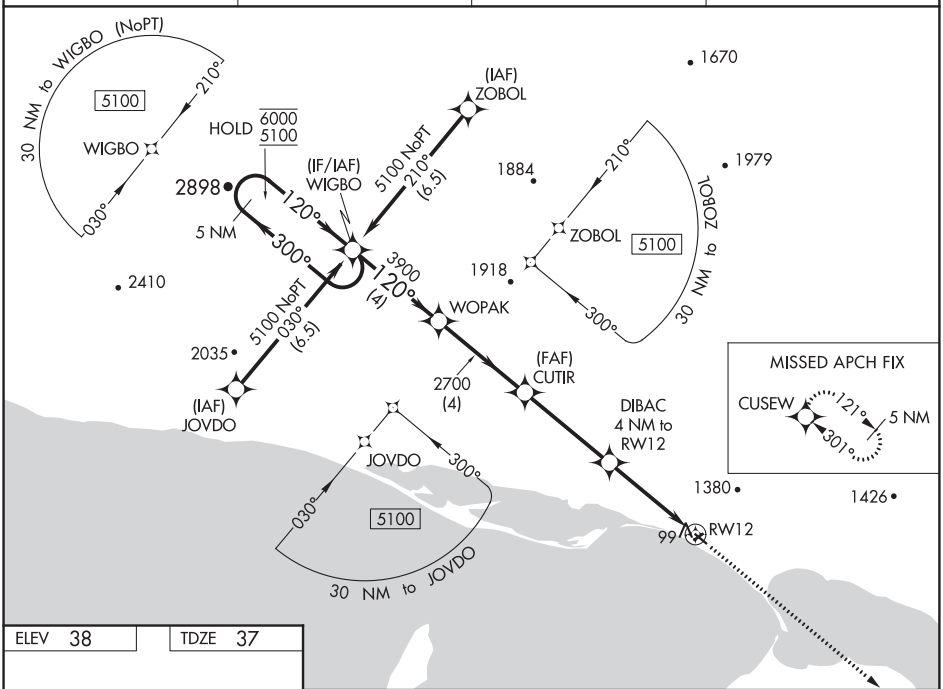
RNP APCH.

Circling NA north of Rwys 12 and 23. Circling Rwy 23 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25° C or above 54°C.

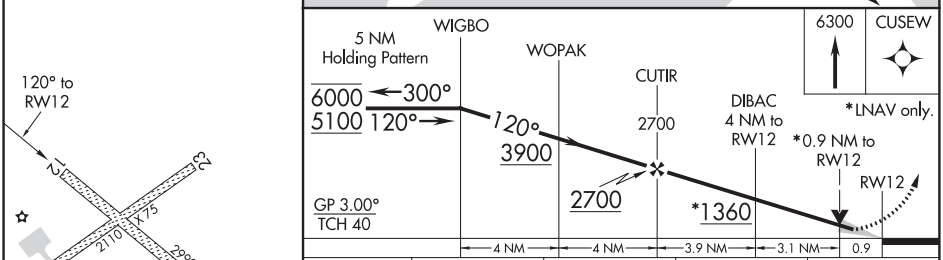
-26°C

MISSED APPROACH: Climb to 6300 direct CUSEW and hold, continue climb-in-hold to 6300.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.55	133.3 290.4	135.6	123.0 L



ELEV 38 TDZE 37



CATEGORY	A	B	C	D
LPV DA	287-1	250 (300-1)	NA	
LNAV/VNAV DA	287-1	250 (300-1)	NA	
LNAV MDA	360-1	323 (400-1)	NA	
C CIRCLING	620-1 582 (600-1)	1460-1½ 1422 (1500-1½)	NA	

MIRL Rwys 12-30 and 5-23 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

BREVIG MISSION, ALASKA | AL-10274 (FAA) | 20142

WAAS CH 81928 W30A	APP CRS 301°	Rwy ldg 2990 TDZE 37 Apt Elev 38

RNAV (GPS) RWY 30
BREVIG MISSION (KTS) (PFKT)

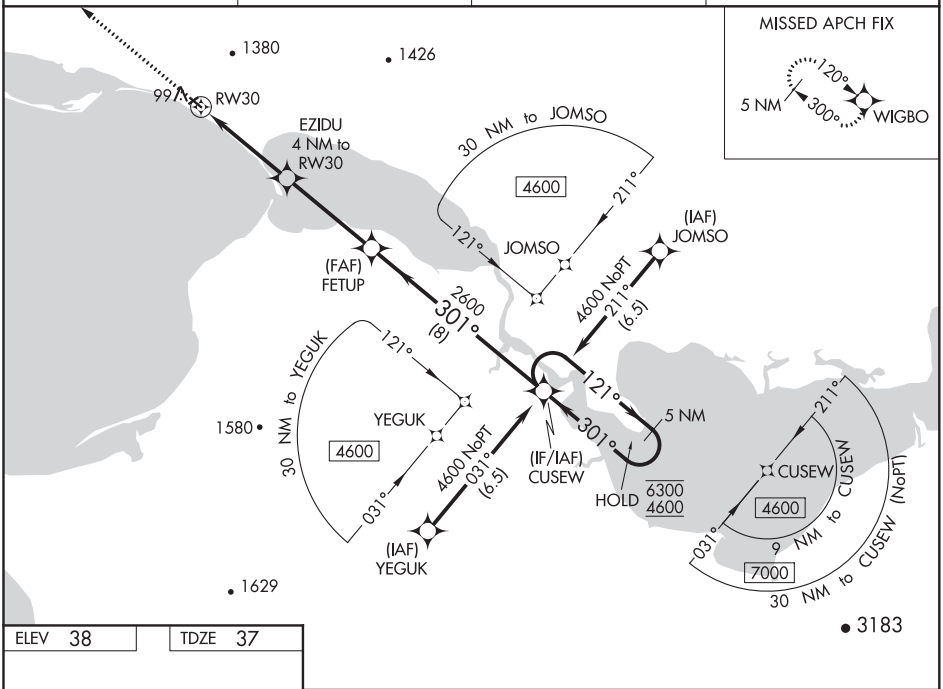
RNP APCH.

Circling NA north of Rwys 12 and 23. Circling Rwy 23 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25° C or above 54°C.

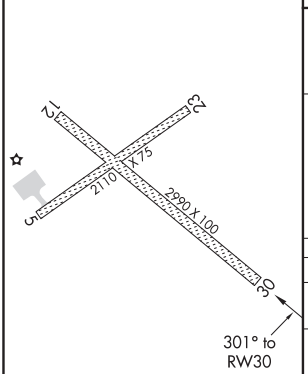
-26°C

MISSED APPROACH: Climb to 5100 direct WIGBO and hold, continue climb-in-hold to 5100.

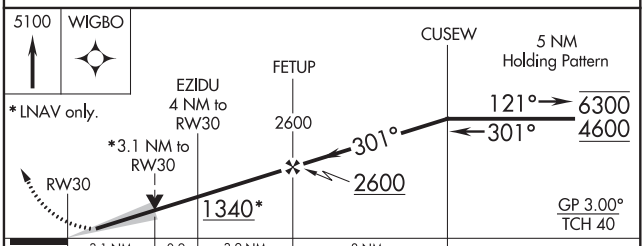
AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.55	133.3 290.4	135.6	123.0 L



ELEV 38	TDZE 37



MIRL Rwys 12-30 and 4-22 L



CATEGORY	A	B	C	D
LPV DA	287-1¼ 250 (300-1¼)	287-1 250 (300-1)		NA
LNAV/VNAV DA	960-4 923 (1000-4)			NA
LNAV MDA	1080-1¼ 1043 (1100-1¼)	1080-1½ 1043 (1100-1½)	1080-3 1043 (1100-3)	NA
C CIRCLING	1080-1¼ 1042 (1100-1¼)	1460-2½ 1422 (1500-2½)	1580-3 1542 (1600-3)	NA

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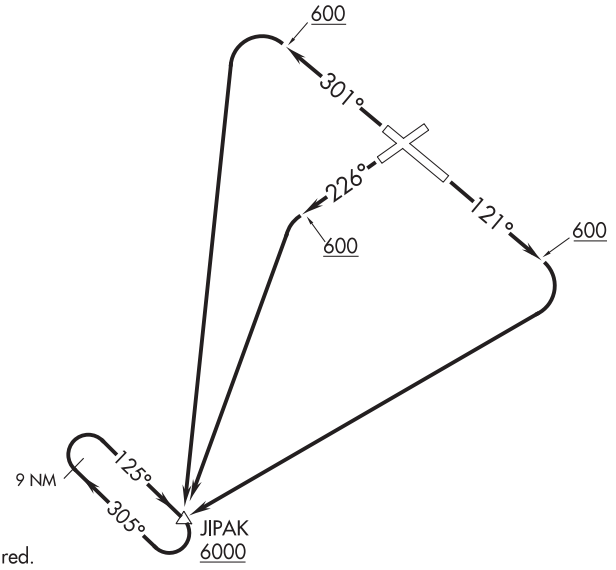
AK, 05 NOV 2020 to 31 DEC 2020

BREVIG TWO DEPARTURE (OBSTACLE) (RNAV)

AWOS-3P
121.55
ANCHORAGE CENTER
133.3 290.4
CTAF
123.0



NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 5: NA-Terrain.
Rwys 12, 23: Standard.
Rwy 30: 400-2¾ or standard with minimum climb of 280′ per NM to 600.

TAKEOFF OBSTACLE NOTES

Rwy 12: Bush 153′ from DER, 373′ right of centerline, 15′ AGL/40′ MSL.
Rwy 23: Terrain 103′ from DER, 300′ right of centerline, 69′ MSL.
Pole 263′ from DER, 542′ right of centerline, 35′ AGL/60′ MSL.
Vehicles on road 135′ from DER, 440′ left of centerline, 14′ AGL/39′ MSL.
Rwy 30: Terrain beginning 142′ from DER, left and right of centerline, up to 85′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 12: Climb heading 121° to 600 then right turn direct JIPAK, thence. . . .
TAKEOFF RUNWAY 23: Climb heading 226° to 600 then left turn direct JIPAK, thence. . . .
TAKEOFF RUNWAY 30: Climb heading 301° to 600 then left turn direct JIPAK, thence. . . .

. . . .continue climb in hold at JIPAK to at or above 6000 before proceeding on course.

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AK, 05 NOV 2020 to 31 DEC 2020

BUCKLAND, ALASKA | AL-9226 (FAA) | 19003

WAAS CH 58041 W11A	APP CRS 111°	Rwy ldg 3200 TDZE 29 Apt Elev 29

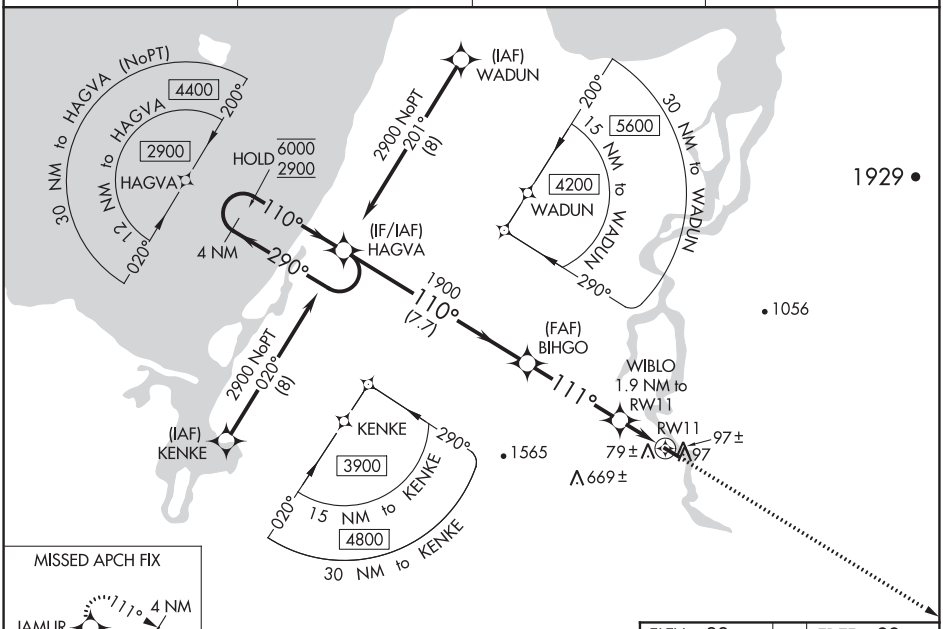
RNAV (GPS) RWY 11
BUCKLAND (BVK)(PABL)

RNP APCH.

Baro-VNAV and VDP NA when using Selawik altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C.
When local altimeter setting is not received use Selawik altimeter setting: increase DA to 387 feet and all visibilities ⅜ SM; increase all MDAs 120 feet and visibility Cat C ¼ SM.
-36°C

MISSED APPROACH: Climb to 3100 direct JAMUR and hold, continue climb-in-hold to 3100.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.15	119.2 263.0	122.3	122.9 L



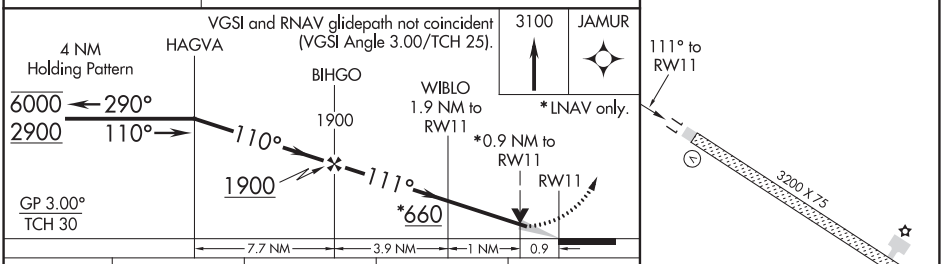
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

MISSED APCH FIX

ELEV 29	TDZE 29

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).



CATEGORY	A	B	C	D
LPV DA	279-1 250 (300-1)			NA
LNAV/VNAV DA	279-1 250 (300-1)			NA
LNAV MDA	340-1 311 (400-1)			NA
C CIRCLING	540-1 511 (600-1)		640-1¾ 611 (700-1¾)	NA

MIRL Rwy 11-29 L

WAAS CH 82441 W29A	APP CRS 291°	Rwy ldg 3200 TDZE 29 Apt Elev 29

RNAV (GPS) RWY 29
BUCKLAND (BVK)(PABL)

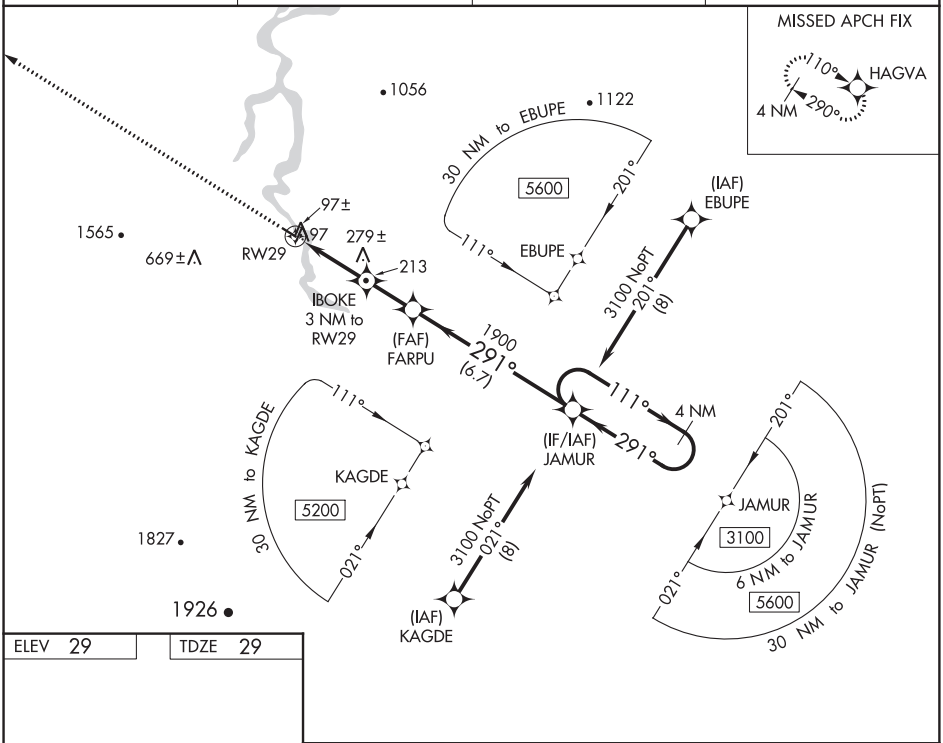
RNP APCH.

Rwy 29 helicopter visibility reduction below ¾ SM NA. VDP NA when using Selawik altimeter setting. When Buckland altimeter setting not received, use Selawik altimeter setting and increase all MDA 120 feet, LNAV Cat C visibility ⅜ SM and Circling Cat C ¼ SM.

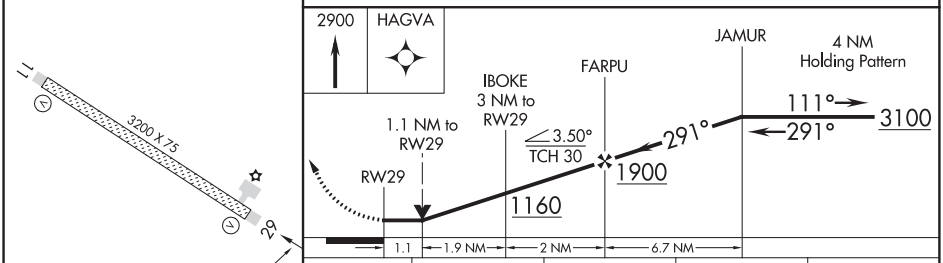
-36°C

MISSED APPROACH: Climb to 2900 direct HAGVA and hold.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.15	119.2 263.0	122.3	122.9 L



ELEV 29	TDZE 29



CATEGORY	A	B	C	D
LP MDA	480-1 451 (500-1)			NA
LNAV MDA	540-1 511 (600-1)		540-1⅜ 511 (600-1⅜)	NA
C CIRCLING	540-1 511 (600-1)		640-1¾ 611 (700-1¾)	NA

MIRL Rwy 11-29 L

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CAPE LISBURNE, ALASKA

RNAV (GPS) RWY 27

APCH CRS	Rwy ldg	4800
254°	THRE	14
	Arpt Elev	14

[USAF] AL-2327

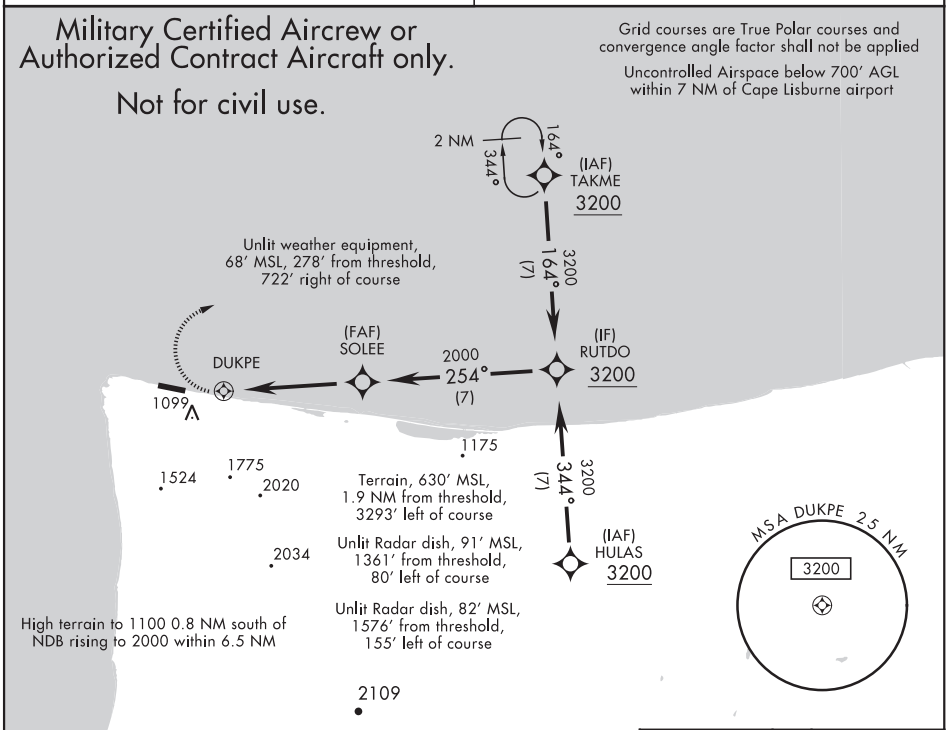
CAPE LISBURNE LRRS (PALU)

* Circling not authorized south of runway 9-27
DME/DME RNP -0.3 NA
Night operations not authorized.

MISSED APPROACH: Climbing right turn to 3200 direct TAKME and hold.

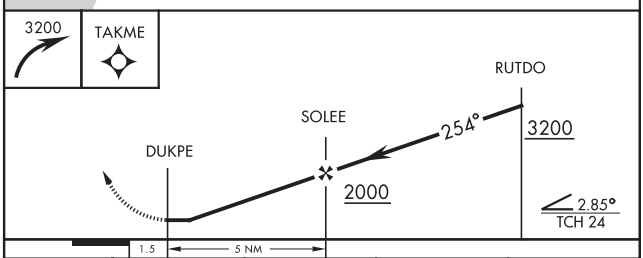
ANCHORAGE CENTER APP/DEP CON
119.65 363.25

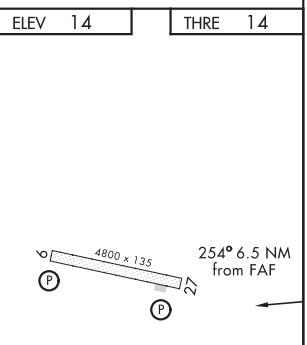
CAPE LISBURNE RADIO (L)
126.2 (CTAF)



ELEV	14	THRE	14

EMERG SAFE ALT 100 NM 6700 FROM DUKPE





CATEGORY	A	B	C	D
LNAV MDA	1220-1¾ 1206 (1300-1¾)		1220-3 1206 (1300-3)	NOT AUTHORIZED
(C) CIRCLING*	1320-1¾ 1306 (1400-1¾)		1320-3 1306 (1400-3)	NOT AUTHORIZED

REIL Rwy 09-27
HIRL Rwy 09-27 (L)
TDZL Rwy 09-27 (L)

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AK, 05 NOV 2020 to 31 DEC 2020

CAPE LISBURNE, ALASKA

NDB/DME-A

NDB/DME LUR	APCH CRS	Rwy ldg 4800
385	230°	THRE N/A
Chan 20 (Y)		Arpt Elev 14

[USAF] AL-2327

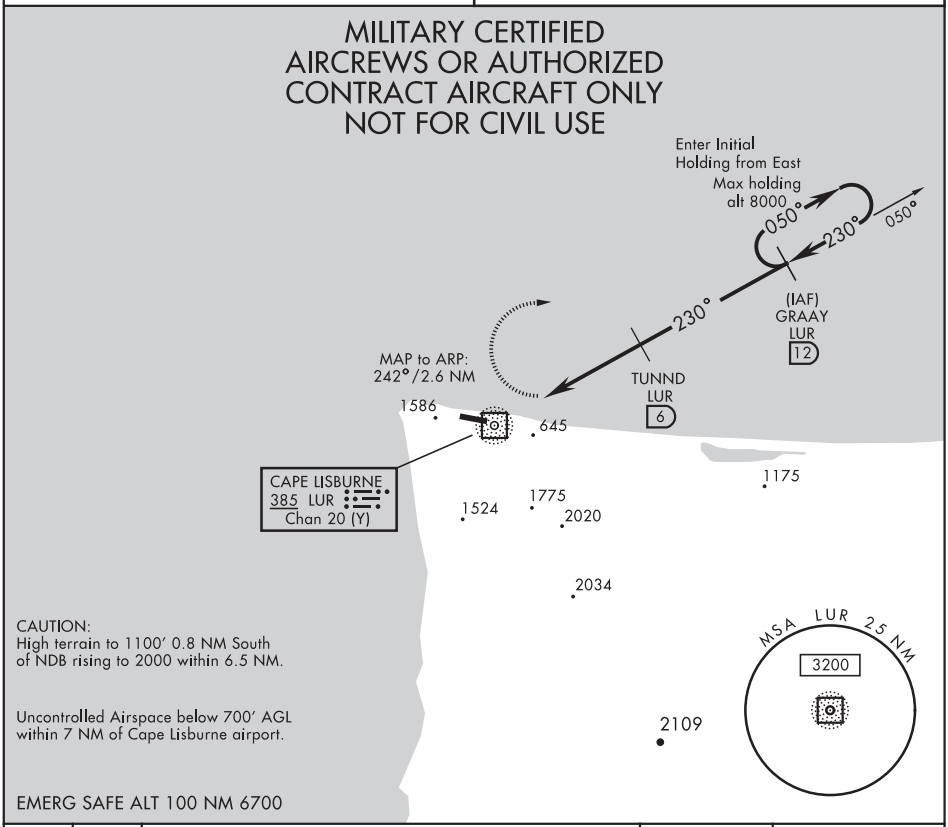
CAPE LISBURNE LRRS (PALU)

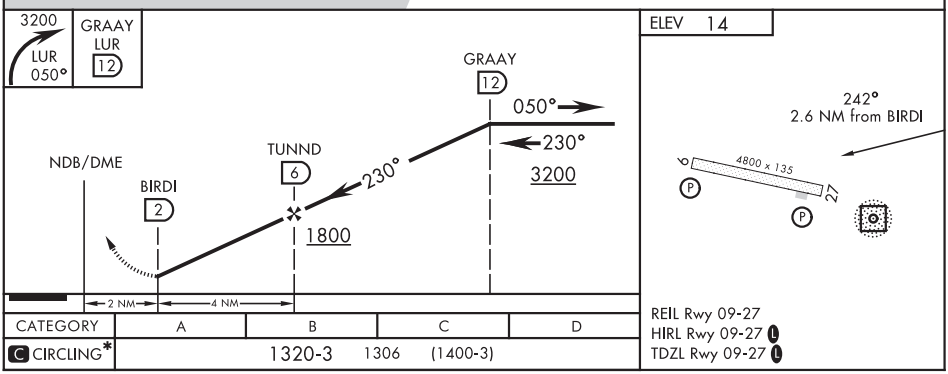
* Circling not authorized S of Rwy 8-26.
Night operations not authorized.

MISSED APPROACH: Climbing right turn to 3200, intercept LUR 050° bearing to GRAAY and hold.

ANCHORAGE CENTER APP/DEP CON
119.65 363.25

CAPE LISBURNE RADIO (L)
126.2 (CTAF)

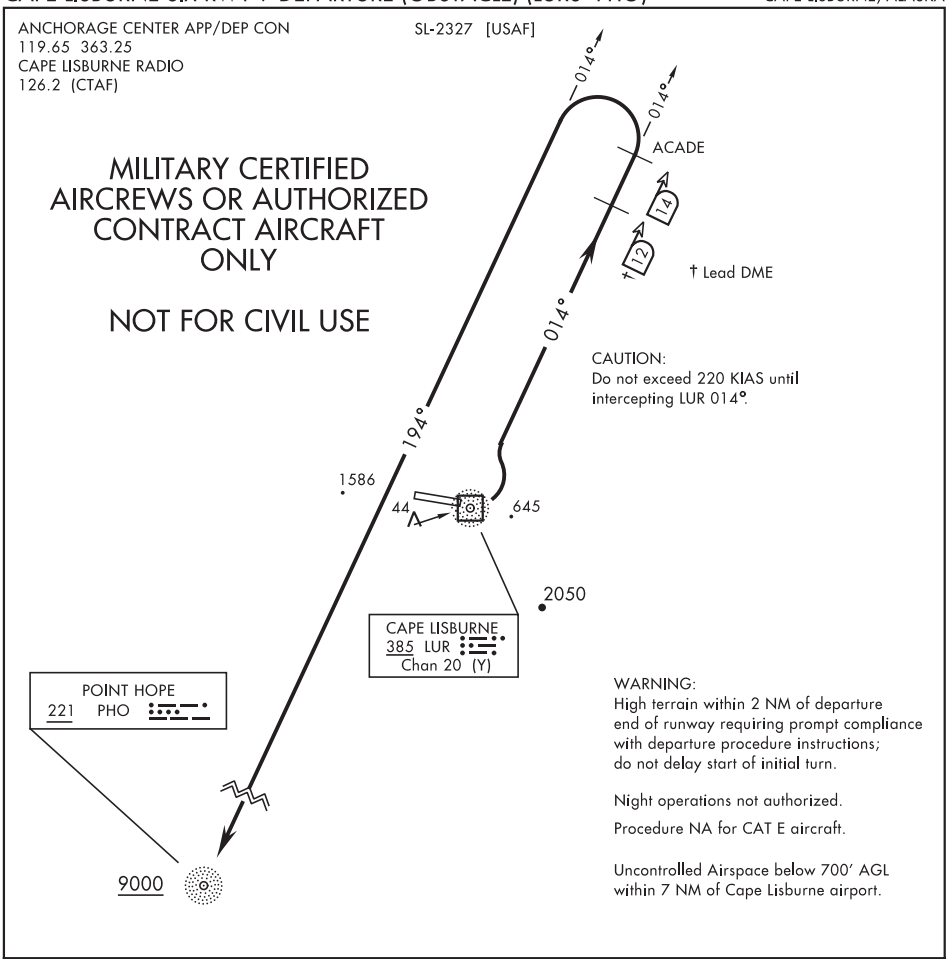




CATEGORY	A	B	C	D
(C) CIRCLING*	1320-3	1306	(1400-3)	

REIL Rwy 09-27
HIRL Rwy 09-27 (L)
TDZL Rwy 09-27 (L)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020



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AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 9: Turn left within ½ mile from departure end of runway and intercept LUR NDB 014° outbound to ACADE. At ACADE, turn left, join PHO NDB 014° bearing inbound to PHO. Cross PHO at or above 9000, or routing/altitude as assigned by ATC.

TAKE-OFF RWY 27: NOT AUTHORIZED

GRAAY THREE DEPARTURE (GRAAY3•JAPKI)

ANCHORAGE CENTER APP/DEP CON
119.65 363.25
CAPE LISBURNE RADIO
126.2 (CTAF)

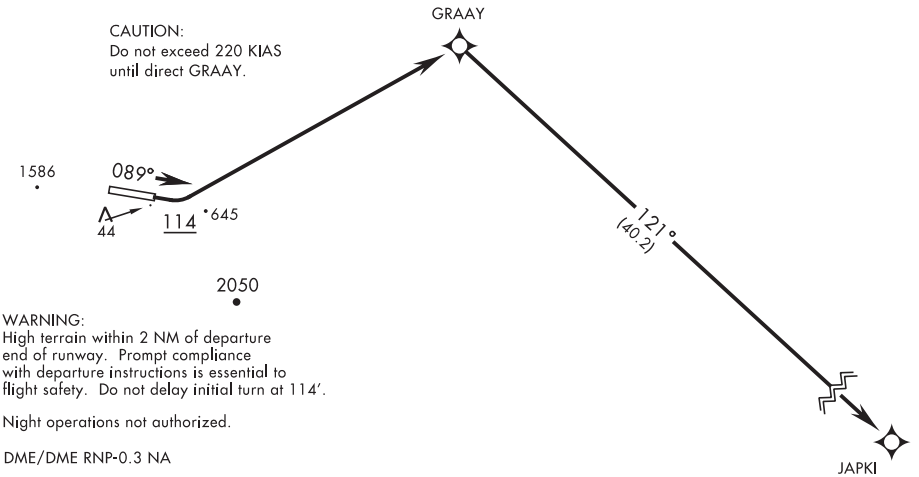
SL-2327 [USAF]

Rwy	Knots	60	120	180	240	300	360
9	V/V(fpm)	362	724	1086	1448	1810	2172

Minimum climb gradient to 600

NOT FOR CIVIL USE

For use by certified military aircrew or authorized military contract aircraft only.



WARNING:
High terrain within 2 NM of departure end of runway. Prompt compliance with departure instructions is essential to flight safety. Do not delay initial turn at 114′.

Night operations not authorized.

DME/DME RNP-0.3 NA

Procedure NA for CAT E aircraft.

Uncontrolled Airspace below 700′ AGL within 7 NM of Cape Lisburne airport.

Use of T228 airway requires aircraft to be equipped with TSO-145a/146a capability.

GPS REQUIRED

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 9: Climb heading 089° to 114, then climbing left turn to 8000 direct GRAAY, then right turn on track 121° to JAPKI via filed route and altitude.

TAKE-OFF RWY 27: NOT AUTHORIZED

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AK, 05 NOV 2020 to 31 DEC 2020

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CAPE NEWENHAM, ALASKA

RNAV (GPS) RWY 15

APCH CRS		
172°	Rwy ldg	3945
	TDZE	456
	Arpt Elev	531

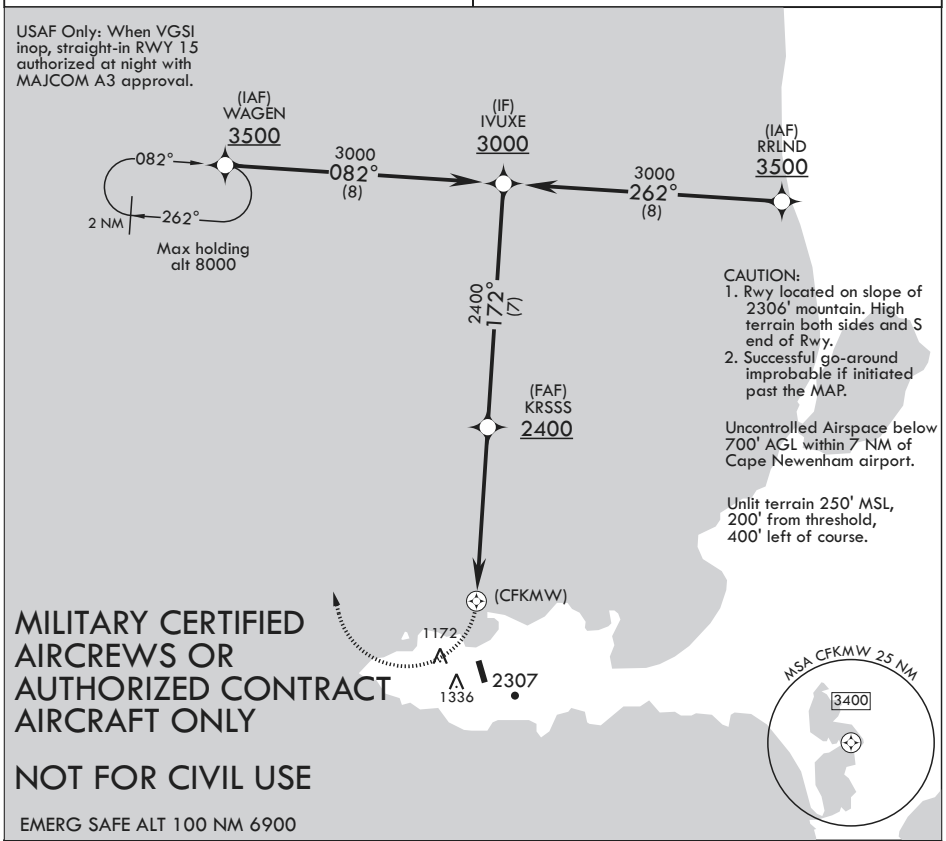
AL-2235 (USAF)

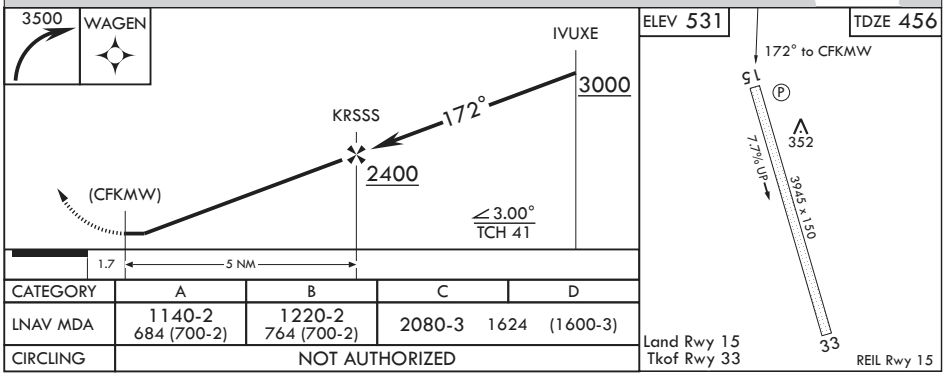
CAPE NEWENHAM LRRS (PAEH)

When VGSI inop, procedure NA at night. DME/DME RNP - 0.3 NA.

MISSED APPROACH: Climbing right turn to 3500 direct WAGEN and hold.

RADIO	ANCHORAGE CENTER
126.2 (CTAF)	**124.2 251.1**





CATEGORY	A	B	C	D
LNAV MDA	1140-2 684 (700-2)	1220-2 764 (700-2)	2080-3 1624 (1600-3)	
CIRCLING	NOT AUTHORIZED			

CAPE NEWENHAM, ALASKA

58°39'N - 162°04'W

CAPE NEWENHAM LRRS (PAEH)

Amdt 1 07DEC17

RNAV (GPS) RWY 15

AK, 05 NOV 2020 to 31 DEC 2020

CAPE NEWENHAM, ALASKA

NDB/DME RWY 15

NDB/DME EHM 385 Chan 18 (Y)	APCH CRS 182°	Rwy ldg 3945 TDZE 456 Arpt Elev 531

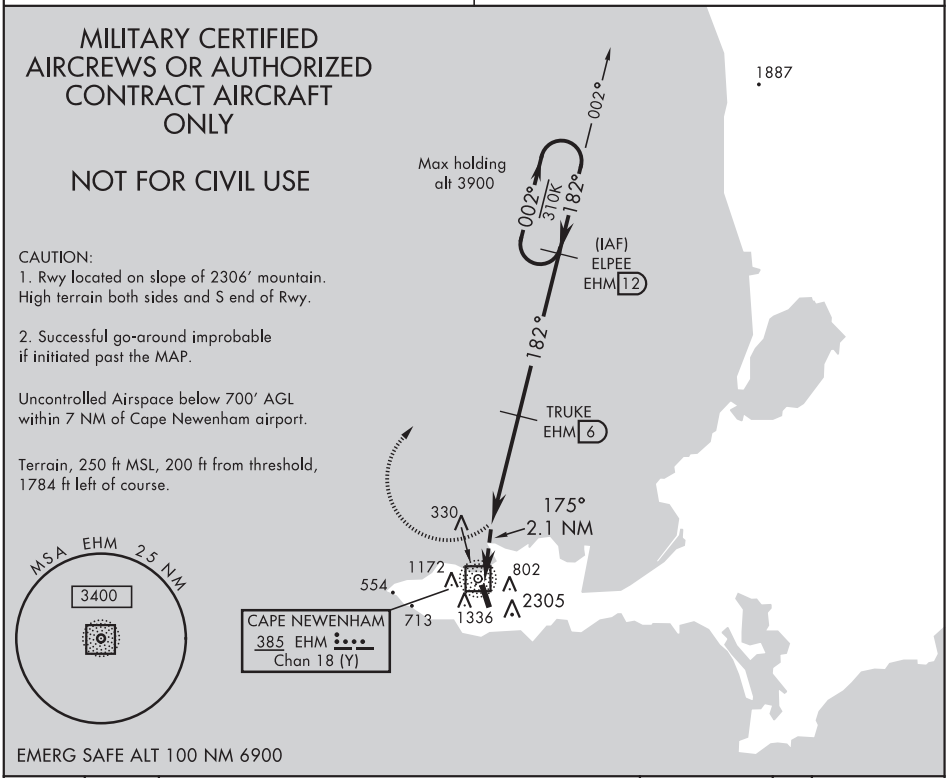
AL-2235 [USAF]

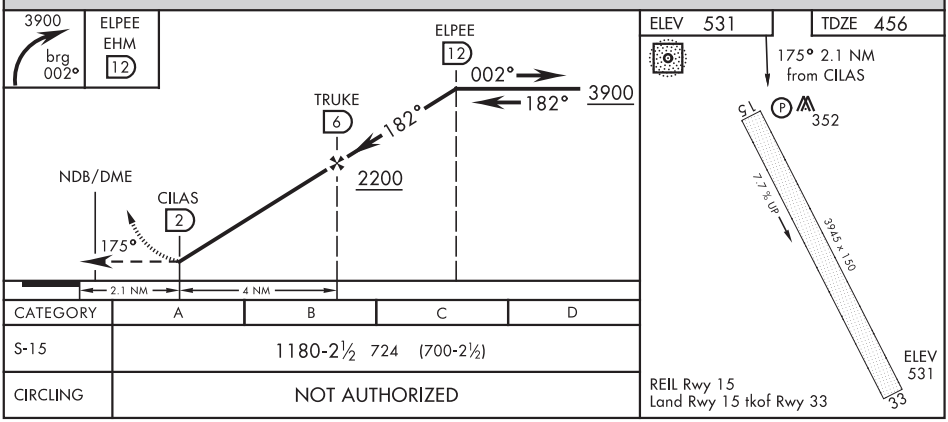
CAPE NEWENHAM LRRS (PAEH)

Night operations not authorized.

MISSED APPROACH: Climbing right turn to 3900, intercept EHM NDB 002° bearing to ELPEE and hold, continue climb in holding to 3900.

ANCHORAGE CENTER	CAPE NEWENHAM RADIO
124.2 251.1	126.2





CATEGORY	A	B	C	D
S-15	1180-2½ 724 (700-2½)			
CIRCLING	NOT AUTHORIZED			

CAPE NEWENHAM, ALASKA 58°39′N-162°04′W CAPE NEWENHAM LRRS (PAEH)

Amdt 1 22JUN17
TERPS

NDB/DME RWY 15

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE CENTER
124.2 251.1
CAPE NEWENHAM RADIO
126.2

MILITARY CERTIFIED
AIRCREWS OR AUTHORIZED
CONTRACT AIRCRAFT
ONLY

NOT FOR CIVIL USE

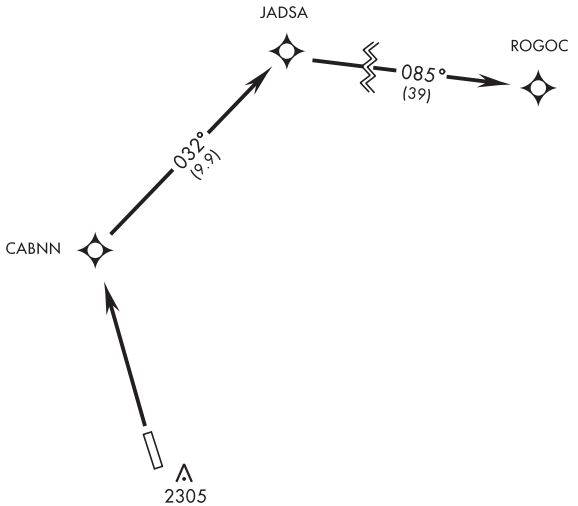
RNAV1

DME/DME RNP-0.3 NA

Uncontrolled Airspace below 700′ AGL
within 7 NM of Cape Newenham airport.

Night operations not authorized.

CAUTION:
High terrain both sides and south
end of runway.



GPS REQUIRED

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 15: NA

TAKE-OFF RWY 33: Climb to 5000 direct CABNN, then via track 032° to JADSA, then via track 085° to ROGOC, join T223.

CAPE ROMANZOF, ALASKA

RNAV (GPS)-A

APCH CRS	Rwy ldg	N/A
018°	TDZE	N/A
	Arpt Elev	467

AL-2326 (USAF)

CAPE ROMANZOF LRRS (PACZ)

* Circling NA East of Rwy 2-20.

MISSED APPROACH: Climbing left turn to 3000 direct HAGEL and hold.

ANCHORAGE CENTER	CTAF	KENAI RADIO
124.5 226.8	126.2	122.1

DME/DME RNP - 0.3 NA

Procedure not authorized at night.

Visibility reduction by helicopters NA.

Uncontrolled airspace below 700' AGL within 7 NM of Cape Romanzof airport.

MILITARY CERTIFIED AIRCREW OR AUTHORIZED CONTRACT AIRCRAFT ONLY

NOT FOR CIVIL USE

1458

1068

CFKPJ

(FAF) HIPUD

2100 018° (8)

(IAF) HAGEL 3000

108° 288° 2 NM

Max holding alt 8000

3000 108° (8)

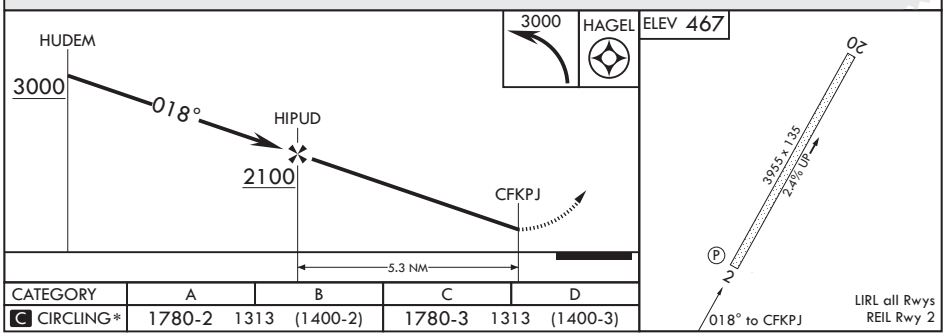
(IF) HUDEM

3000 288° (8)

(IAF) HUGVA 3000

MSA 25 NM FROM AIRPORT 3500

EMERG SAFE ALT 100 NM 3500



CATEGORY	A	B	C	D
C CIRCLING*	1780-2 1313 (1400-2)		1780-3 1313 (1400-3)	

CAPE ROMANZOF, ALASKA

Orig 05DEC19

61°47'N - 166°02'W

CAPE ROMANZOF LRRS (PACZ)

RNAV (GPS)-A

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

CAPE ROMANZOF, ALASKA

NDB/DME RWY 2

NDB CZF	APCH CRS	Rwy ldg	3955
275	048°	TDZE	444
		Arpt Elev	467

AL-2326 [USAF]

CAPE ROMANZOF LRRS (PACZ)

Night operations not authorized.
Visibility reduction by helicopters NA.

† MISSED APPROACH: Climb left turn to 3600 to intercept CZF NDB 228° bearing to MOTRS/12 DME and hold.

ANCHORAGE CENTER	UNICOM	KENAI RADIO
124.5 226.8	126.2 (CTAF)	122.1

CAUTION:
1. Final Approach Course intersects extended runway centerline 4,520′ prior to threshold.

2. Successful go-around improbable if initiated beyond the MAP.

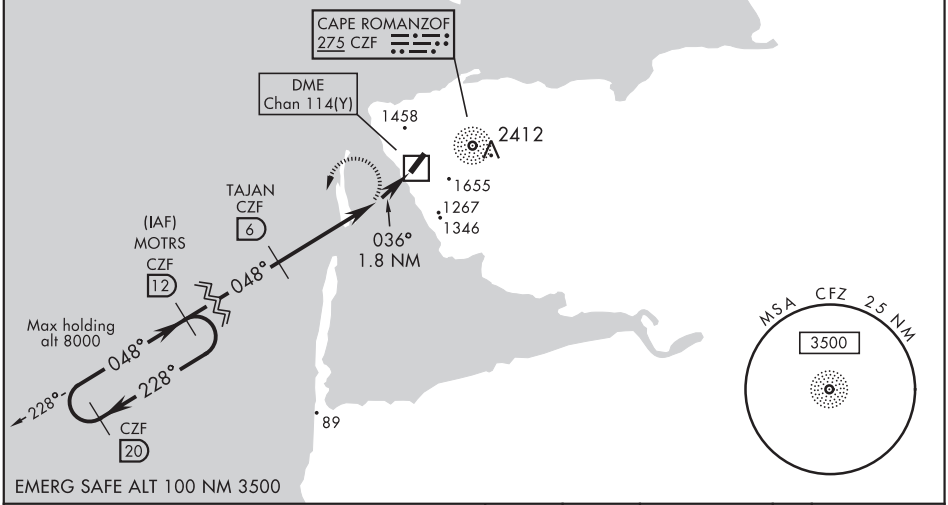
Uncontrolled Airspace below 700′ AGL within 7 NM of Cape Romanzof airport.

Terrain 384′ MSL, 200′ from threshold, 1987′ left of course.

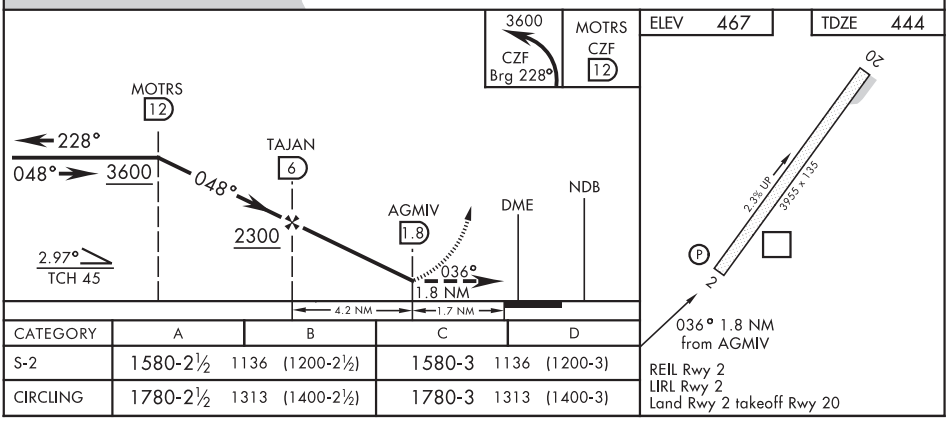
† Missed approach requires use of RNAV or ATC RADAR monitoring.

MILITARY CERTIFIED AIRCREWS OR AUTHORIZED CONTRACT AIRCRAFT ONLY

NOT FOR CIVIL USE



EMERG SAFE ALT 100 NM 3500



CATEGORY	A	B	C	D
S-2	1580-2½ 1136 (1200-2½)		1580-3 1136 (1200-3)	
CIRCLING	1780-2½ 1313 (1400-2½)		1780-3 1313 (1400-3)	

REIL Rwy 2
LIRL Rwy 2
Land Rwy 2 takeoff Rwy 20

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

CAPE ROMANZOF FOUR RWY 20 DEPARTURE

KENAI RADIO
122.1
UNICOM
126.2 (CTAF)
ANCHORAGE CENTER
124.5 226.8

SL-2326 [USAF]

MILITARY CERTIFIED
AIRCREWS OR AUTHORIZED
CONTRACT AIRCRAFT ONLY

NOT FOR CIVIL USE

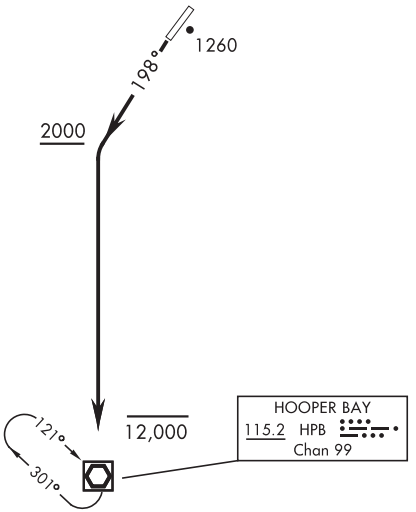
CAUTION:
Terrain rises rapidly West, North, and East of centerline.

Uncontrolled Airspace below 700′ AGL within 7 NM of Cape Romanzof airport.

Night operations not authorized.

Do NOT exceed 270 KIAS until 2000.

Procedure NA for CAT E aircraft.



AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 20: Climb heading 198° to 2000, then climbing left turn direct HPB VOR/DME, enter holding and climb to the MEA for assigned routing.

TAKE-OFF RWY 02: Departures not authorized.

CAPE ROMANZOF FOUR RWY 20 DEPARTURE

CAPE ROMANZOF, ALASKA
CAPE ROMANZOF LRRS (PACZ)

CENTRAL, ALASKA | AL-10966 (FAA) | 20198

RNAV (GPS) RWY 8
CENTRAL (CEM) (PACE)

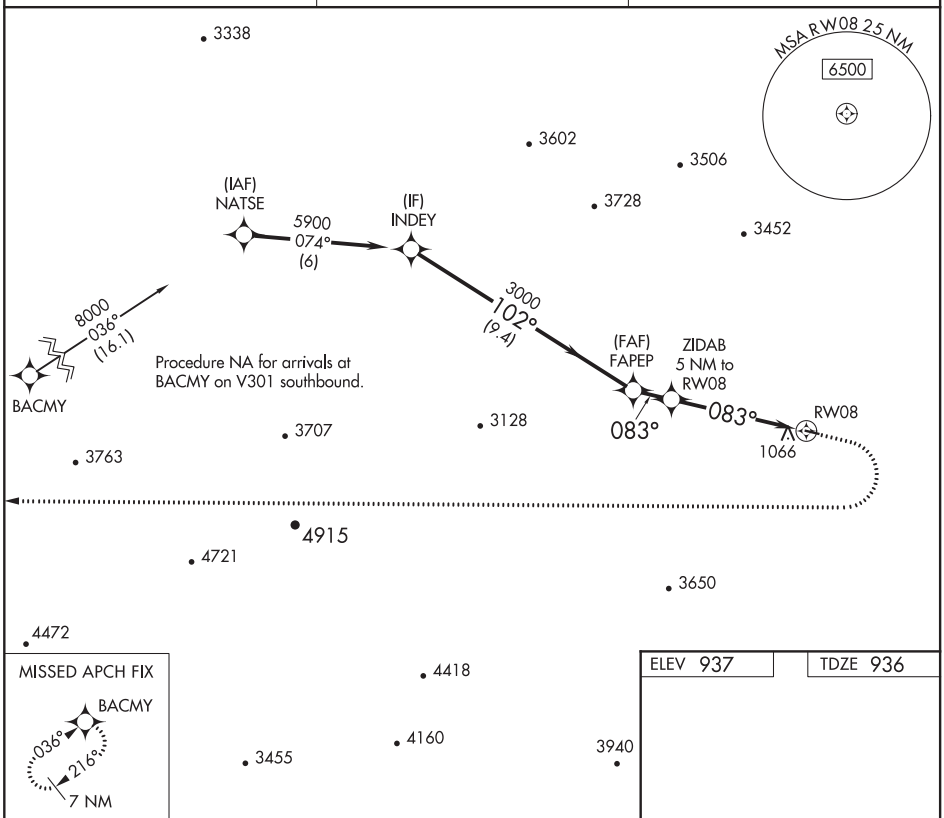
APP CRS	Rwy ldg	2661
083°	TDZE	936
	Apt Elev	937

T
A NA
-43°C

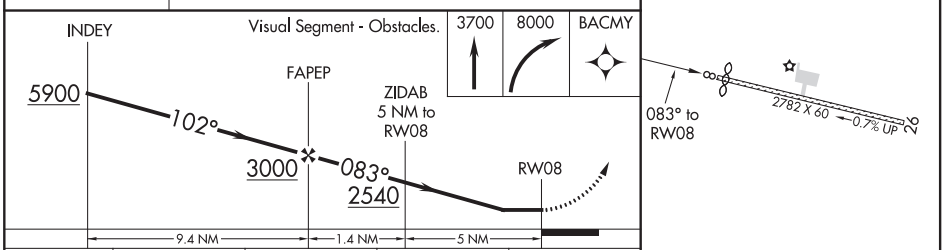
DME/DME RNP-0.3 NA. Use Fort Yukon altimeter setting; when not received, procedure NA. Helicopter visibility reduction below 1 SM NA. Night Landing: Rwy 8 NA.

MISSED APPROACH: Climb to 3700 then climbing right turn to 8000 direct BACMY and hold.

FYU/PFYU AWOS-3P	ANCHORAGE CENTER	CTAF
125.8	135.0 284.7	122.9 L



ELEV 937 | TDZE 936



CATEGORY	A	B	C	D
LNAV MDA	2420-1¼ 1484 (1500-1¼)	2420-1½ 1484 (1500-1½)	NA	
C CIRCLING	2420-1¼ 1483 (1500-1¼)	2420-1½ 1483 (1500-1½)	NA	

MIRL Rwy 8-26 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) RWY 26
CENTRAL (CEM) (PACE)

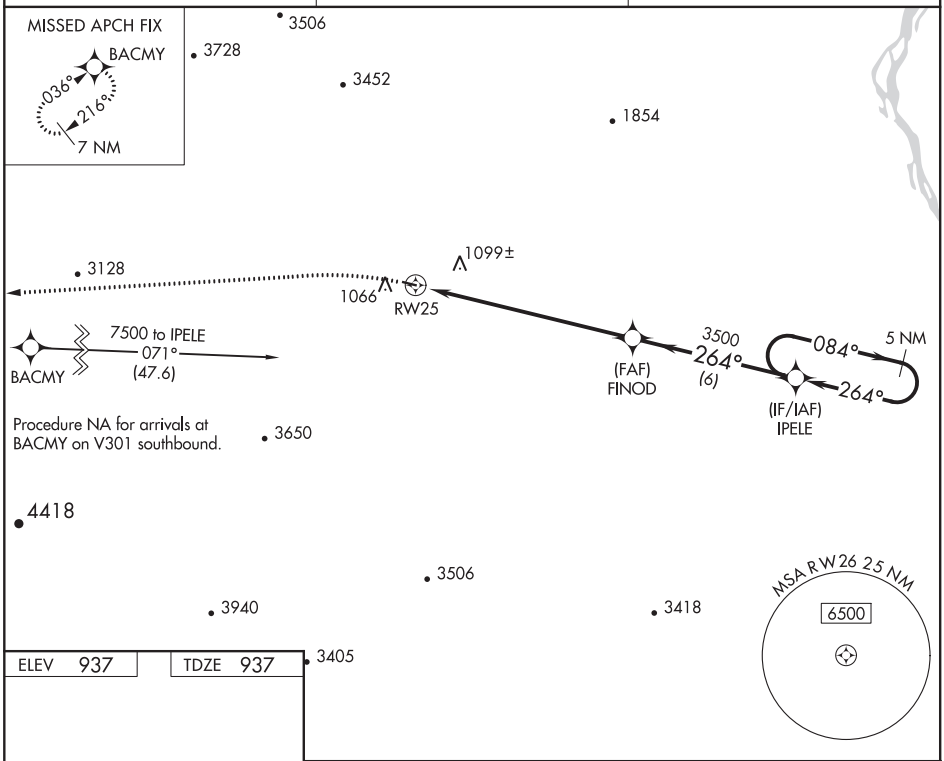
WAAS CH 82631 W26A	APP CRS 264°	Rwy ldg 2782 TDZE 937 Apt Elev 937

T
A NA
-43°C

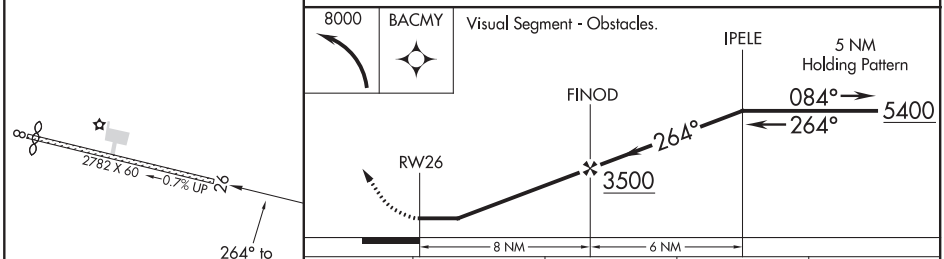
DME/DME RNP-0.3 NA. Use Fort Yukon altimeter setting; when not received, procedure NA. Helicopter visibility reduction below ¾ SM NA. Night Landing: Rwy 8 NA.

MISSED APPROACH: Climbing left turn to 8000 direct BACMY and hold.

FYU/PFYU AWOS-3P	ANCHORAGE CENTER	(CTAF)
125.8	135.0 284.7	122.9 L



ELEV 937	TDZE 937



CATEGORY	A	B	C	D
LP MDA	2440-1¼ 1503 (1600-1¼)	2440-1½ 1503 (1600-1½)	NA	
LNAV MDA	2900-1¼ 1963 (2000-1¼)	2900-1½ 1963 (2000-1½)	NA	
C CIRCLING	2900-1¼ 1963 (2000-1¼)	2900-1½ 1963 (2000-1½)	NA	

MIRL Rwy 8-26 L

AK, 05 NOV 2020 to 31 DEC 2020

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(BACMY2.BACMY) 18312

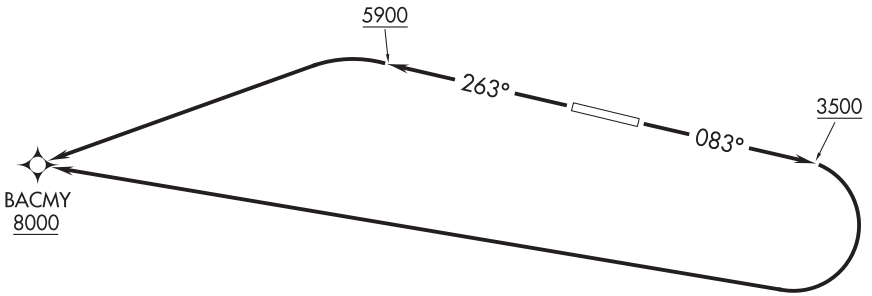
BACMY TWO DEPARTURE (RNAV)

AL-10966 (FAA)

CENTRAL (CEM) (PACE)
CENTRAL, ALASKA

ANCHORAGE CENTER
135.0 284.7

TOP ALTITUDE: 8000



NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwy 8: Standard.
Rwy 26: Standard with minimum climb of 316′ per NM to 4100.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 083° to 3500, then climbing right turn to 8000 direct BACMY before proceeding on course.
TAKEOFF RUNWAY 26: Climb heading 263° to 5900, then climbing left turn to 8000 direct BACMY before proceeding on course.

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AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	4000
035°	TDZE	542
	Apt Elev	549

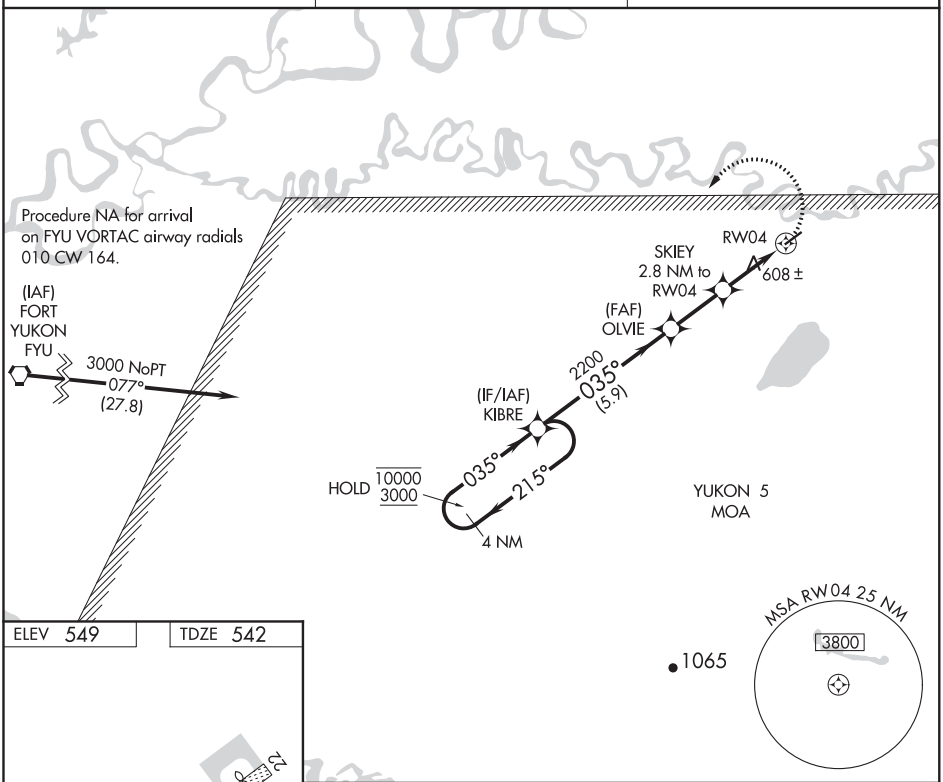
RNAV (GPS) RWY 4
CHALKYITSIK (CIK) (PACI)

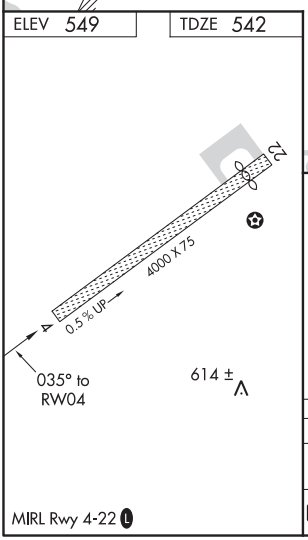
RNP APCH.

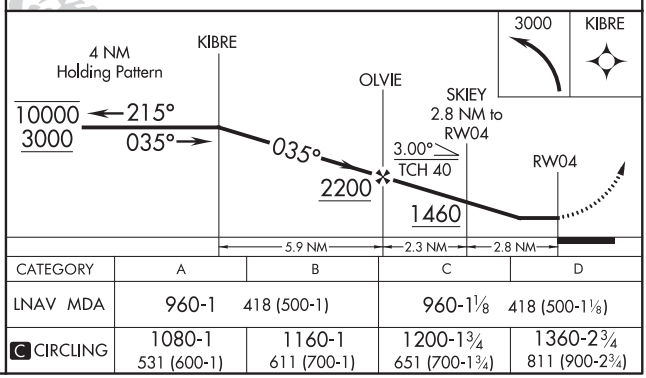
Procedure NA at night.
NA Rwy 4 helicopter visibility reduction below 1 SM NA.
-32°C Use Fort Yukon altimeter setting.

MISSED APPROACH: Climbing left turn to 3000 direct KIBRE and hold.

FYU/PFYU AWOS-3P	ANCHORAGE CENTER	CTAF
125.8	135.0 225.4	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	960-1 418 (500-1)		960-1⅛ 418 (500-1⅛)	
C CIRCLING	1080-1 531 (600-1)	1160-1 611 (700-1)	1200-1¾ 651 (700-1¾)	1360-2¾ 811 (900-2¾)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

CHALKYITSIK, ALASKA | AL-10151 (FAA) | 20198

RNAV (GPS) RWY 22
CHALKYITSIK (CIK) (PACI)

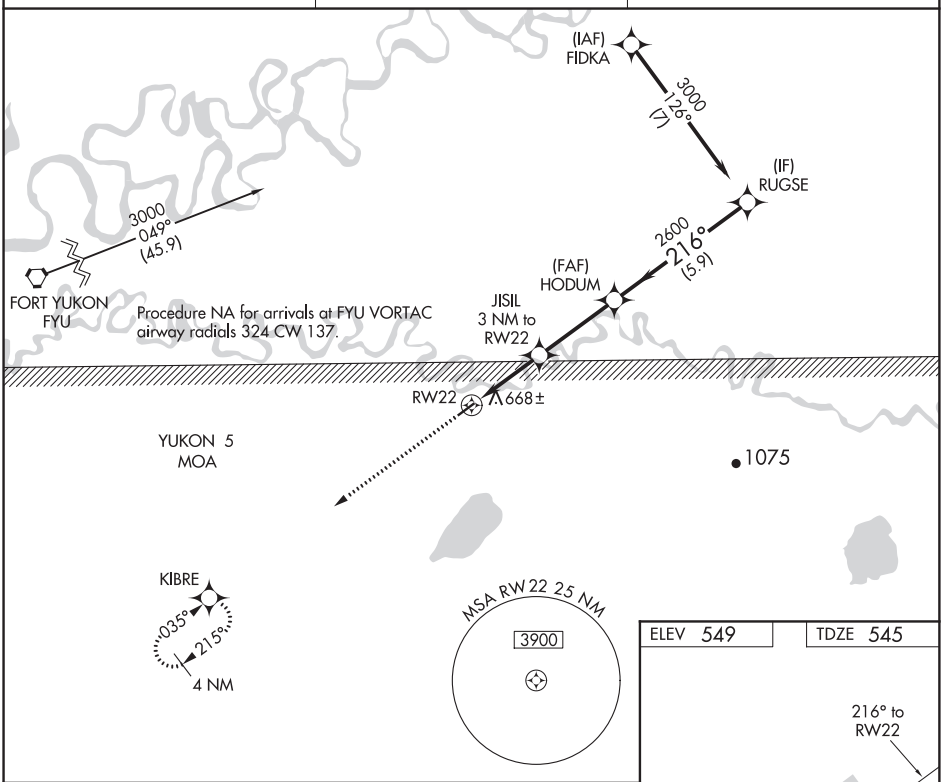
APP CRS	Rwy ldg	3500
216°	TDZE	545
	Apt Elev	549

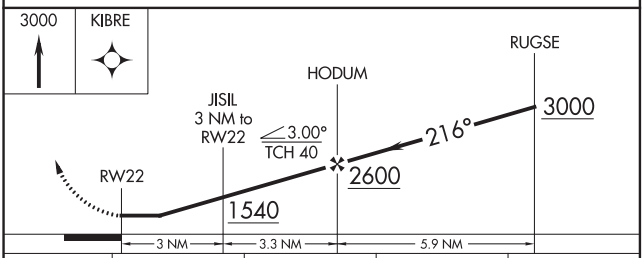
RNP APCH.

Procedure NA at night.
NA — Rwy 22 helicopter visibility reduction below 1 SM NA.
-32°C — Use Fort Yukon altimeter setting.

MISSED APPROACH: Climb to 3000 direct KIBRE and hold.

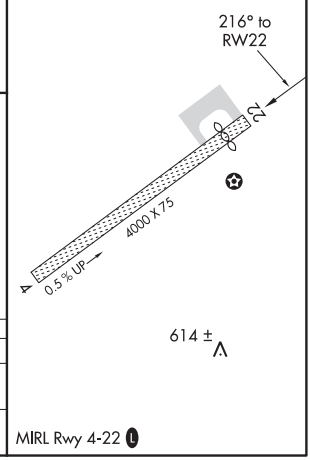
FYU/PFYU AWOS-3P	ANCHORAGE CENTER	CTAF
125.8	135.0 225.4	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	1020-1 475 (500-1)		1020-1⅜ 475 (500-1⅜)	
C CIRCLING	1080-1 531 (600-1)	1160-1 611 (700-1)	1200-1¾ 651 (700-1¾)	1360-2¾ 811 (900-2¾)

ELEV 549 | TDZE 545



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	3220
024°	TDZE	61
	Apt Elev	61

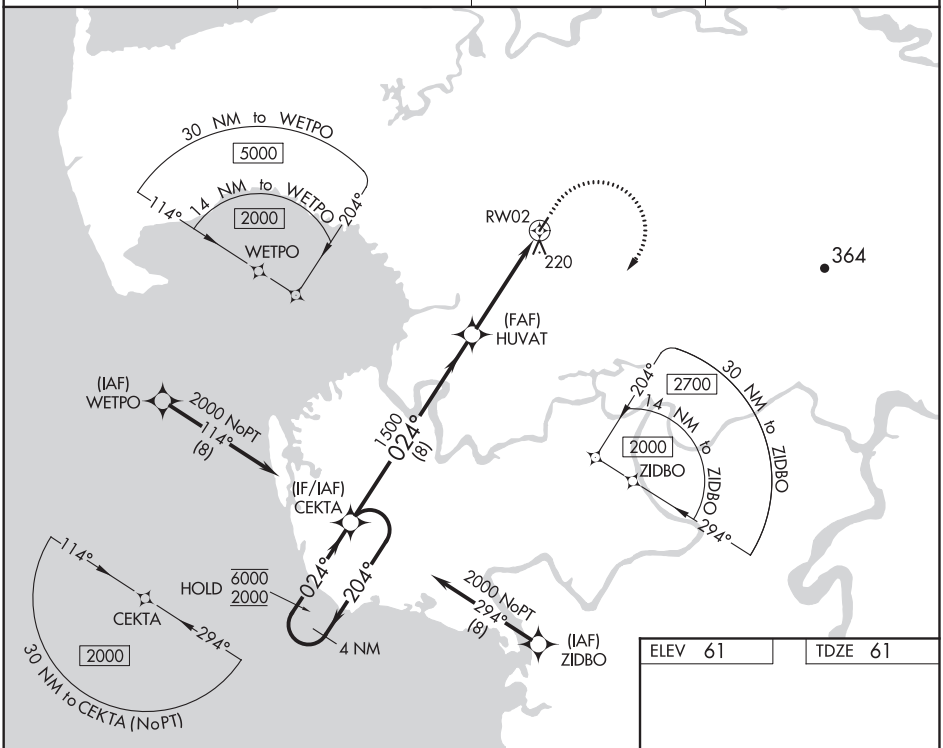
RNAV (GPS) RWY 2
CHEVAK (VAK)(PAVA)

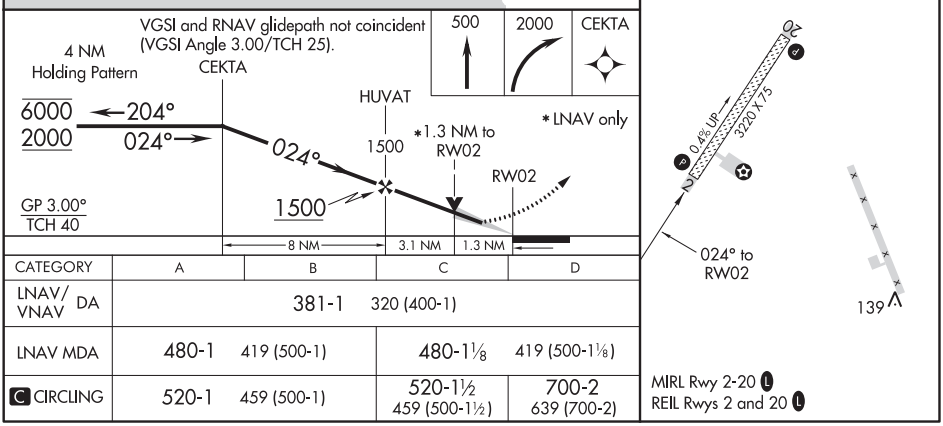
RNP APCH.

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

MISSED APPROACH: Climb to 500, then climbing right turn to 2000 direct CEKTA and hold.

AWOS-3P	ANCHORAGE CENTER	UNICOM	CTAF
120.625	124.5	122.8	123.0 L





CATEGORY	A	B	C	D
LNAV/VNAV DA	381-1 320 (400-1)			
LNAV MDA	480-1 419 (500-1)		480-1⅛ 419 (500-1⅛)	
C CIRCLING	520-1 459 (500-1)		520-1½ 459 (500-1½)	700-2 639 (700-2)

MIRL Rwy 2-20 L
REIL Rwys 2 and 20 L

CHEVAK, ALASKA | AL-10153 (FAA) | 20142

APP CRS	Rwy ldg	3220
204°	TDZE	61
	Apt Elev	61

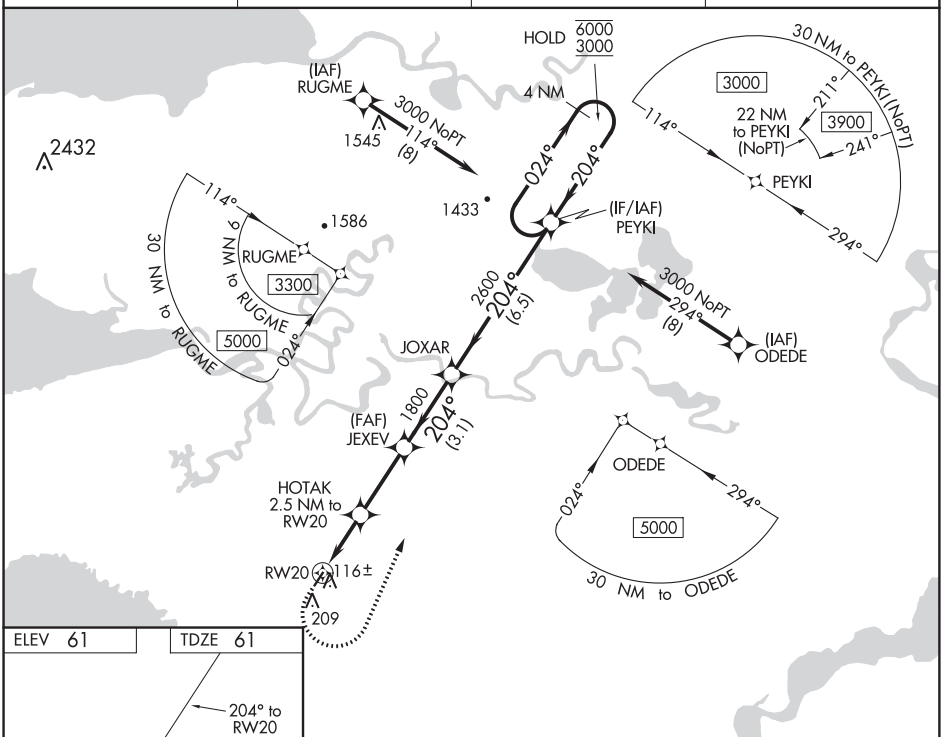
RNAV (GPS) RWY 20
CHEVAK (VAK)(PAVA)

RNP APCH.

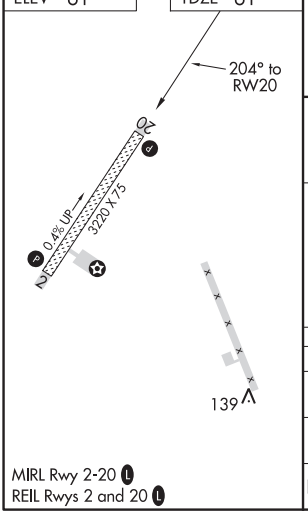
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C.

MISSED APPROACH: Climb to 500. Then climbing left turn to 3000 direct PEYKI and hold.

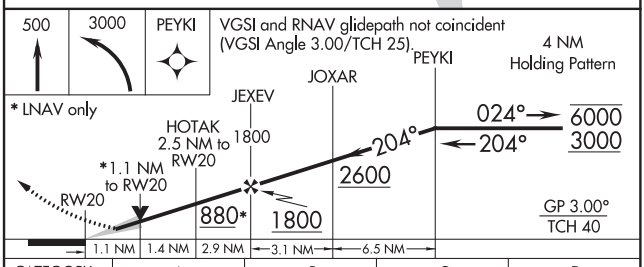
AWOS-3P	ANCHORAGE CENTER	UNICOM	CTAF
120.625	124.5	122.8	123.0 L



ELEV 61 | TDZE 61



MIRL Rwy 2-20 L
REIL Rwys 2 and 20 L



CATEGORY	A	B	C	D
LNAV/VNAV DA	311-1 250 (300-1)			
LNAV MDA	420-1 359 (400-1)			
C CIRCLING	520-1 459 (500-1)		520-1½ 459 (500-1½)	700-2 639 (700-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 48814 W09A	APP CRS 091°	Rwy ldg 3401 TDZE 244 Apt Elev 244

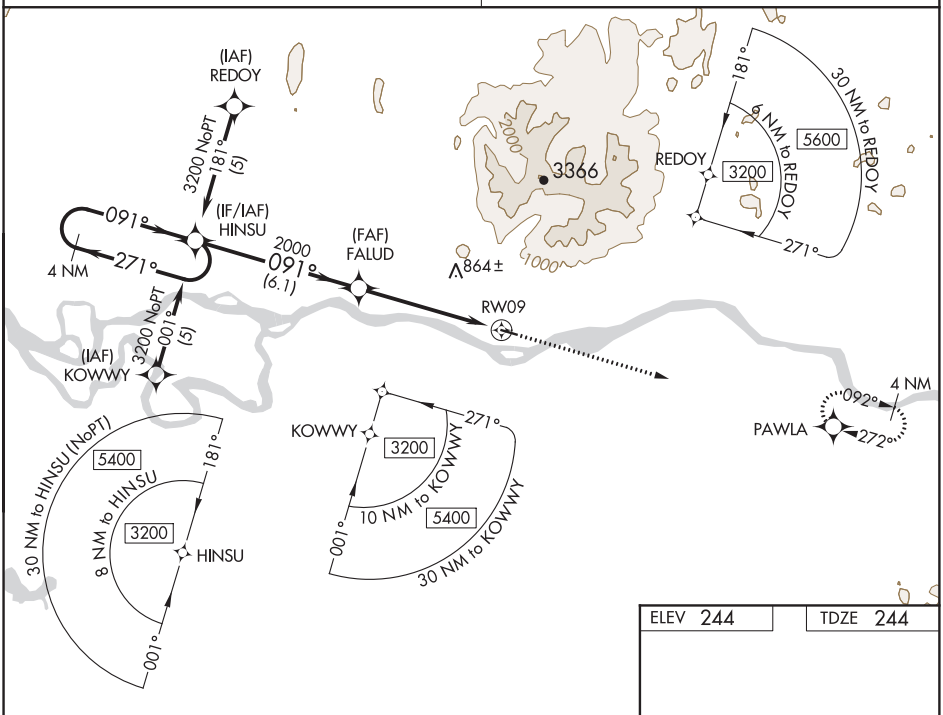
RNAV (GPS) RWY 9
CHUATHBALUK (9A3) (PACH)

NA
-32°C

Circling NA north of Rwy 9-27. DME/DME RNP- 0.3 NA. Visibility reduction by helicopters NA. Use Aniak altimeter setting; when not received, use Kalskag altimeter setting and increase all DA 58 feet and MDA 60 feet and increase LPV all Cats visibility ¼ mile, and increase LNAV and circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 3400 direct PAWLA and hold.

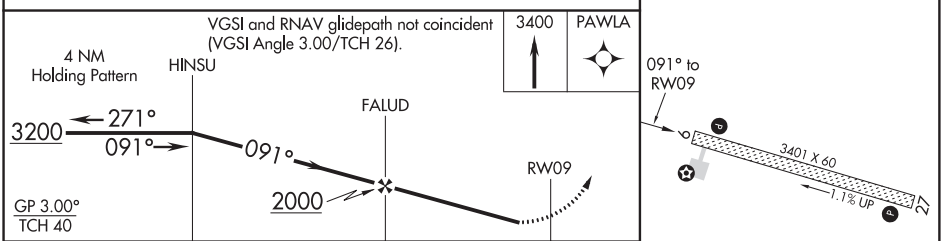
ANCHORAGE CENTER	CTAF
118.15 251.05	122.9 L



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 244	TDZE 244



CATEGORY	A	B	C	D
LPV DA	652-1½ 408 (500-1½)			NA
LNAV MDA	1000-1 756 (800-1)	1000-1¼ 756 (800-1¼)	1000-2¼ 756 (800-2¼)	NA
CIRCLING	1000-1 756 (800-1)	1000-1¼ 756 (800-1¼)	1000-2¼ 756 (800-2¼)	NA

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

CHUATHBALUK, ALASKA | AL-10322 (FAA) | 20254

RNAV (GPS) RWY 27
CHUATHBALUK (9A3) (PACH)

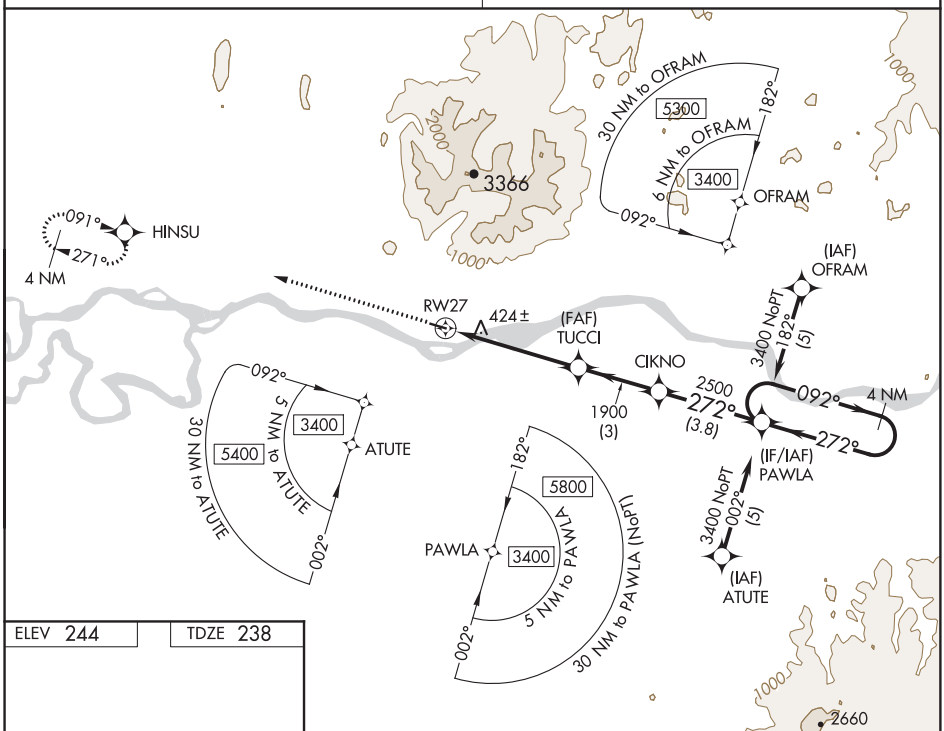
WAAS CH 93514 W27A	APP CRS 272°	Rwy ldg 3401 TDZE 238 Apt Elev 244

T
A NA
-32°C

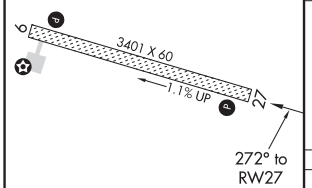
Circling NA north of Rwy 9-27. DME/DME RNP- 0.3 NA. Visibility reduction by helicopters NA. Use Aniak altimeter setting; when not received, use Kalskag altimeter setting and increase all DA 58 feet and MDA 60 feet and increase LNAV and Circling Cats A and C visibility ¼ mile.

MISSED APPROACH: Climb to 3200 direct HINSU and hold.

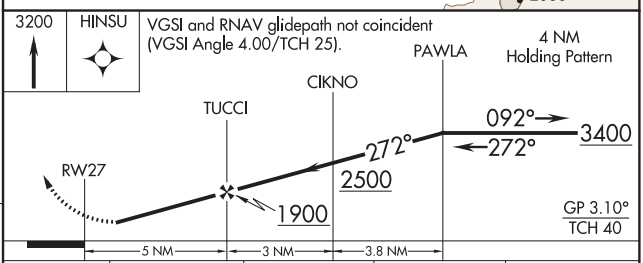
ANCHORAGE CENTER	CTAF
118.15 251.05	122.9 L



ELEV 244 | TDZE 238



MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L



CATEGORY	A	B	C	D
LPV DA	759-2 521 (600-2)			NA
LNAV MDA	1100-1 862 (900-1)	1100-1¼ 862 (900-1¼)	1100-2½ 862 (900-2½)	NA
CIRCLING	1100-1 856 (900-1)	1100-1¼ 856 (900-1¼)	1100-2½ 856 (900-2½)	NA

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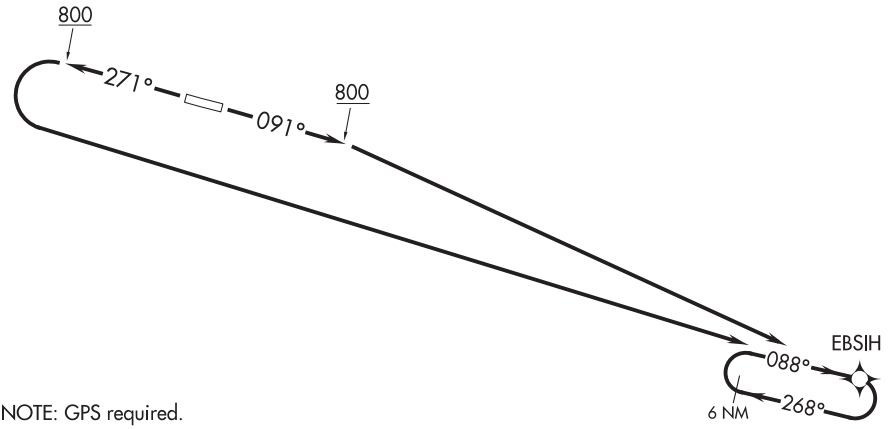
EBSIH ONE DEPARTURE (OBSTACLE) (RNAV)

ANCHORAGE CENTER
118.15 251.05



NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 9: 300-1½ or standard with minimum climb of 283′ per NM to 600.
Rwy 27: 300-1 or standard with minimum climb of 624′ per NM to 600.

TAKEOFF OBSTACLE NOTES

Rwy 9: Trees beginning 312′ from DER, 10′ left of centerline, up to 75′ AGL/424′ MSL.
Trees 5324′ from DER, 205′ right of centerline, 75′ AGL/420′ MSL.
Rwy 27: Windsock 313′ from DER, 357′ left of centerline, 28′ AGL/268′ MSL.
Trees beginning 1845′ from DER, 114′ left of centerline, up to 45′ AGL/ 295′ MSL.
Pole 2376′ from DER, 531′ left of centerline, 58′ AGL/308′ MSL.
Vehicle on road 176′ from DER, 427′ right of centerline, 15′ AGL/254′ MSL.
Trees beginning 271′ from DER, 185′ right of centerline, up to 72′ AGL/324′ MSL.
Building 2485′ from DER, 489′ right of centerline, 30′ AGL/314′ MSL.
Poles beginning 2517′ from DER, 243′ right of centerline, up to 74′ AGL/324′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 091° to 800, then climbing right turn direct EBSIH WP, Thence. . . .
TAKEOFF RUNWAY 27: Climb heading 271° to 800, then climbing left turn direct EBSIH WP, Thence. . . .

. . . . climb in EBSIH WP holding pattern to at or above MEA/MCA for assigned route of flight. Expect filed altitude 10 minutes after departure.

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CLARKS POINT, ALASKA | AL-10302 (FAA) | 19339

WAAS CH 82213 W18A	APP CRS 183°	Rwy ldg 3200 TDZE 61 Apt Elev 80

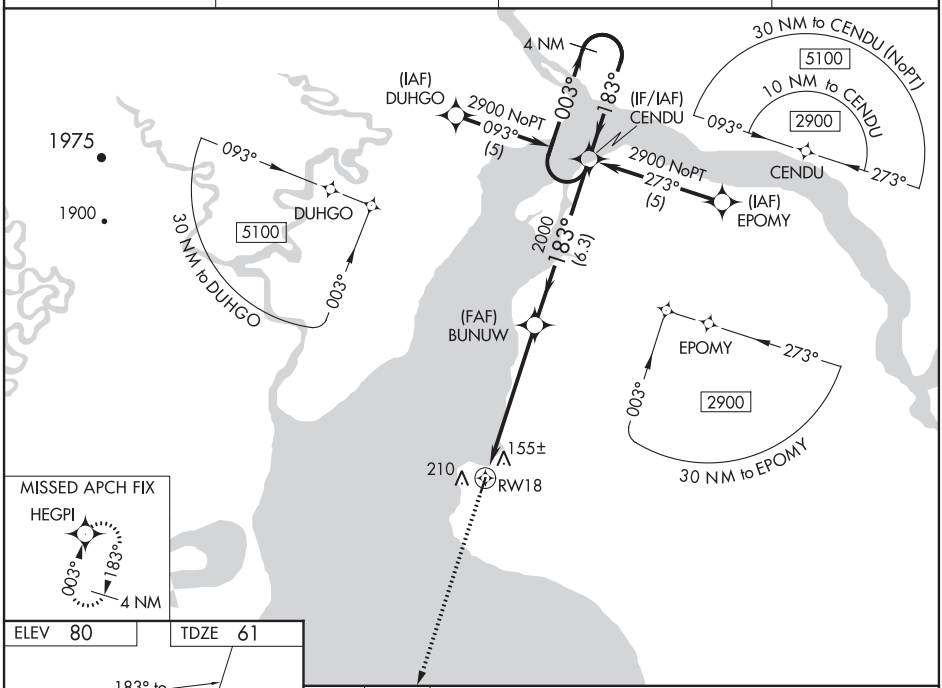
RNAV (GPS) RWY 18
CLARKS POINT (CLP) (PFCL)

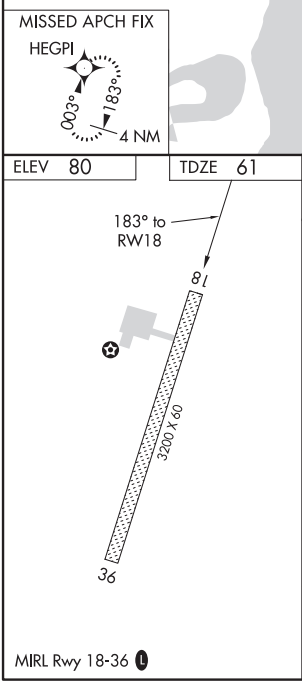
T
NA
-34°C

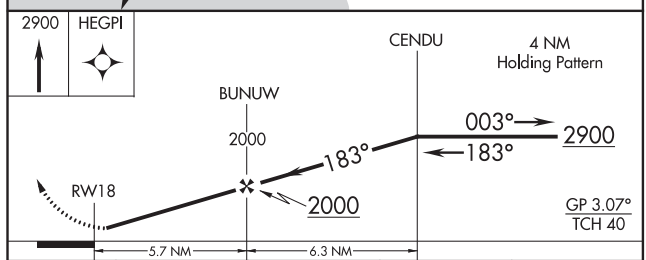
Baro-VNAV NA. DME/DME RNP-0.3 NA. Procedure NA at night.
When local altimeter setting not received, use Dillingham altimeter setting.
Rwy 18 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2900 direct HEGPI and hold.

AWOS-3P	DLG/PADL AWOS-3P	ANCHORAGE CENTER	CTAF
135.55	125.0	132.75 282.35	122.9 L







CATEGORY	A	B	C	D
LPV DA	355-1 294 (300-1)			
LNAV/VNAV DA	464-1½ 403 (400-1½)			
LNAV MDA	620-1 559 (600-1)		620-1½ 559 (600-1½)	620-1¾ 559 (600-1¾)
CIRCLING	620-1 540 (600-1)		620-1½ 540 (600-1½)	640-2 560 (600-2)

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AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	3200
003°	TDZE	80
	Apt Elev	80

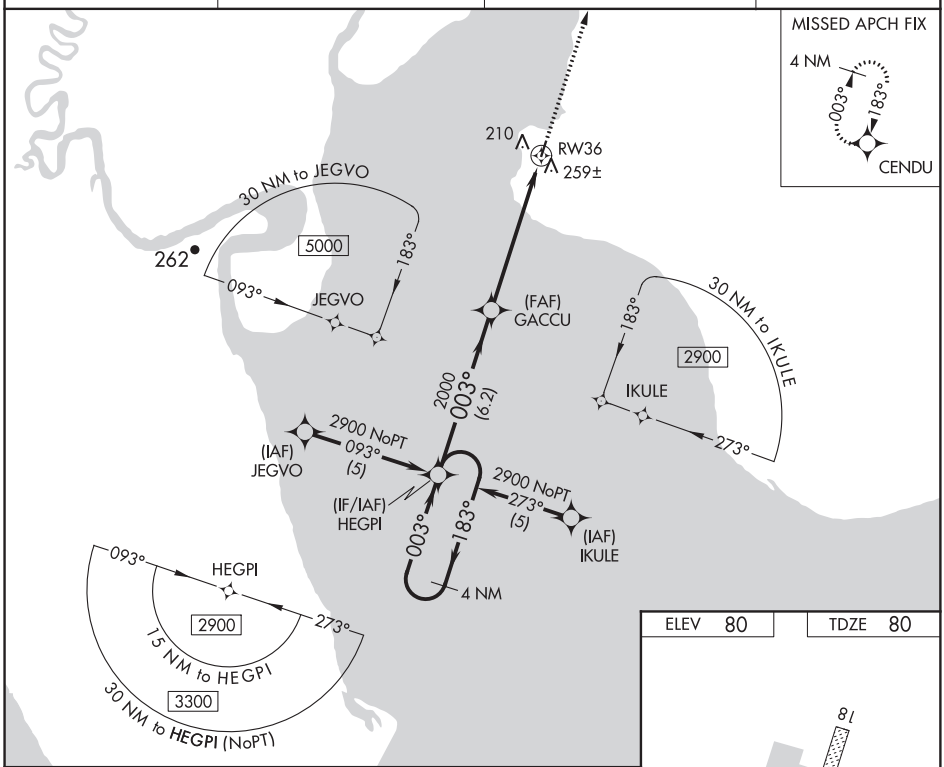
RNAV (GPS) RWY 36
CLARKS POINT (CLP) (PFCL)

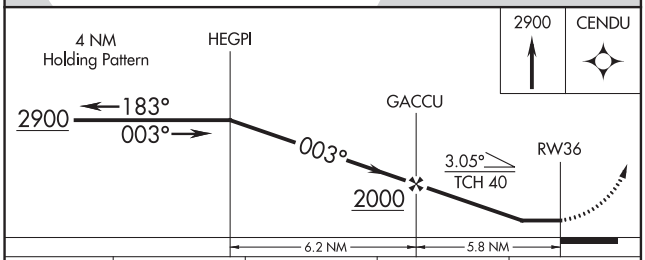
NA
-34°C

DME/DME RNP-0.3 NA. Procedure NA at night.
When local altimeter setting not received, use Dillingham altimeter setting.
Rwy 36 helicopter visibility reduction below 1 SM NA.

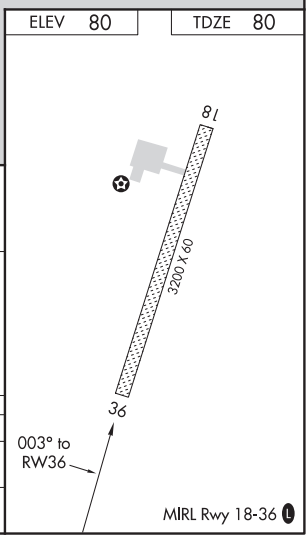
MISSED APPROACH: Climb to 2900 direct CENDU and hold.

AWOS-3P	DLG/PADL AWOS-3P	ANCHORAGE CENTER	CTAF
135.55	125.0	132.75 282.35	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	540-1 460 (500-1)		540-1¼ 460 (500-1¼)	540-1½ 460 (500-1½)
CIRCLING	600-1 520 (600-1)		600-1½ 520 (600-1½)	640-2 560 (600-2)



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

COLD BY, ALASKA

HI-ILS or LOC RWY 15

LOC I-CDB	APCH CRS	Rwy ldg 10,179 TDZE 75 Arpt Elev 100
110.3	146°	

JAL-1241 [USAF]

COLD BY (CDB) (PACD)

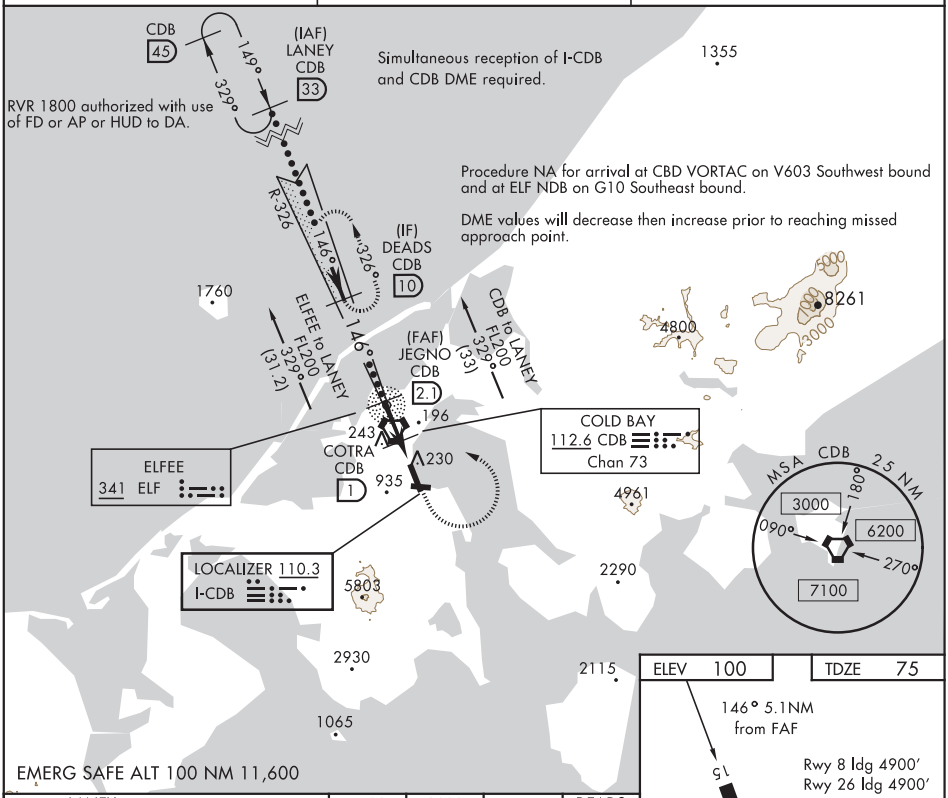
T

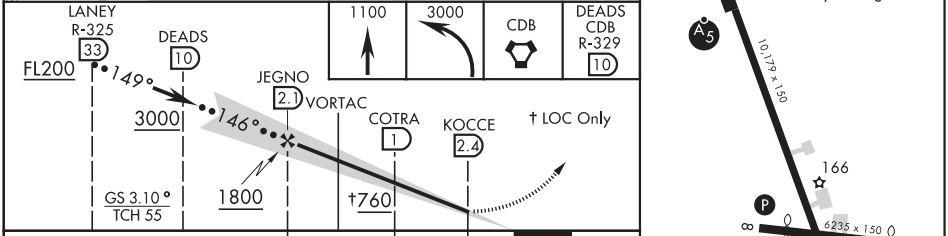
* When ALS inop, increase CAT E RVR to 4000.
** When ALS inop, increase RVR to 5500.
*** Circling not authorized SW of Rwy 15-33.

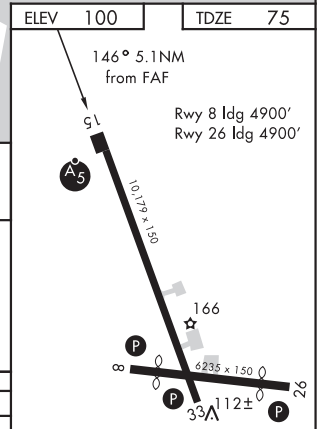
MALSR A5

MISSED APPROACH: Climb to 1100, then climbing left turn to 3000 direct CDB VORTAC, then on CDB R-329 to DEADS/CDB 10 DME and hold.

ANCHORAGE CENTER	COLD BY RADIO	ASOS
118.5 278.3	123.6 (CTAF) L	135.75







CATEGORY	C	D	E
S-ILS 15 *	275/24 200 (300-½)		
S-LOC 15 **	440/35 365 (400-⅝)		
CIRCLING ***	560-1½ 460 (500-1½)	860-2½ 760 (800-2½)	940-3 840 (900-3)

FAF to MAP 4.5 NM					
Knots	120	140	160	180	200
Min:Sec	2:15	1:56	1:41	1:30	1:21

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC I-CDB	APP CRS	Rwy ldg 10179
110.3	146°	TDZE 75
		Apt Elev 100

ILS or LOC RWY 15
COLD BAY (CDB) (PACD)

DME required.

T Circling NA for Cats B/C/D southwest of Rwy 15-33. DME from CDB VORTAC.

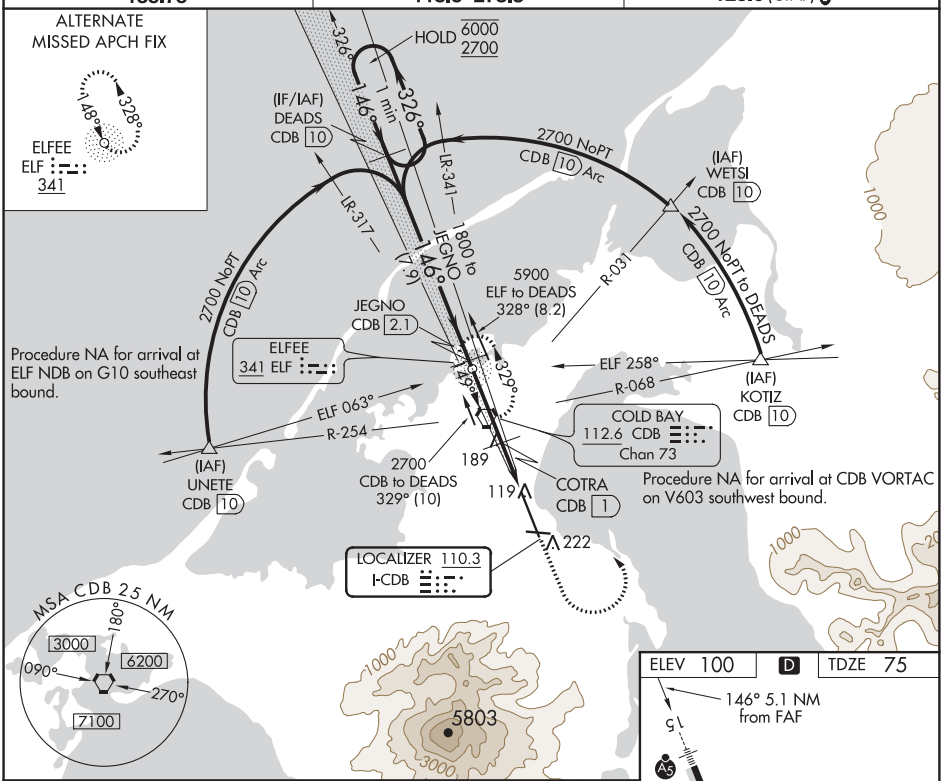
A Simultaneous reception of I-CDB and CDB DME required. DME values will decrease then increase prior to reaching missed approach point. Circling NA for Cat A southwest of Rwy 15-33 at night. For inop ALS, increase S-LOC 15 Cats C and D visibility to RVR 5500.

#RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR A5

MISSED APPROACH: Climb to 1100 then climbing left turn to 2700 direct CDB VORTAC and hold, continue climb-in-hold to 2700.

ASOS	ANCHORAGE CENTER	COLD BAY RADIO
135.75	118.5 278.3	123.6 (CTAF) L



CATEGORY	A	B	C	D
S-ILS 15 #	275/24 200 (200-½)			
S-LOC 15	440/24 365 (400-½)		440/35 365 (400-⅝)	
C CIRCLING	540-1 440 (500-1)	560-1 460 (500-1)	560-1½ 460 (500-1½)	860-2½ 760 (800-2½)

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AK, 05 NOV 2020 to 31 DEC 2020

COLD BAY, ALASKA | AL-1241 (FAA) | 20254

RNAV (GPS) RWY 15
COLD BAY (CDB) (PACD)

WAAS CH 45612 W15A	APP CRS 146°	Rwy ldg 10179 / TDZE 75 / Apt Elev 100

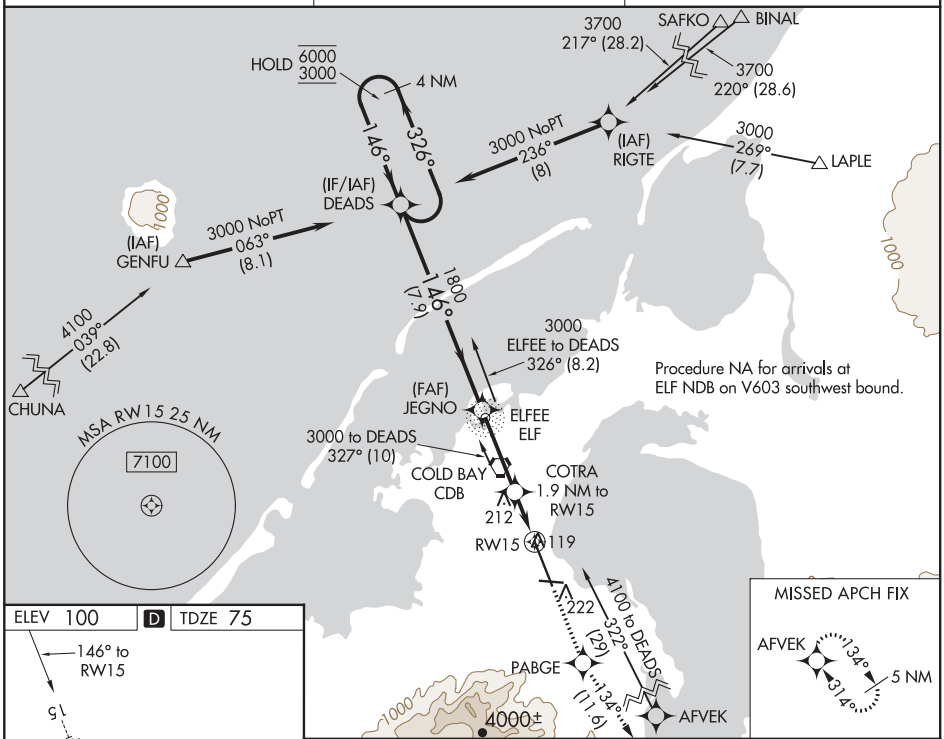
RNP APCH.

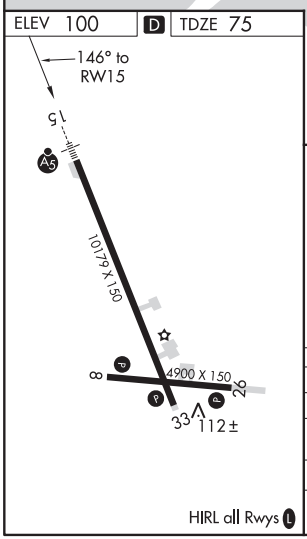
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C or above 54°C. Circling NA for Cat A southwest of Rwy 15-33 at night. Circling NA for Cats B/C/D southwest of Rwy 15-33. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 4000 and LNAV Cat C/D visibility to RVR 6000.
#RVR 1800 authorized with use of FD or AP or HUD to DA.

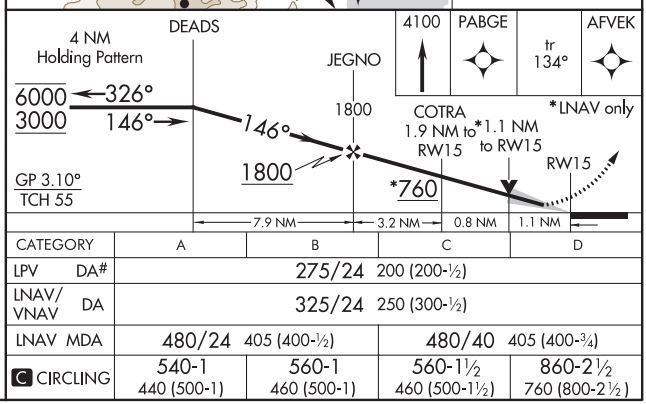
MALSR

MISSED APPROACH: Climb to 4100 direct PABGE and on track 134° to AFVEK and hold, continue climb-in-hold to 4100.

ASOS	ANCHORAGE CENTER	COLD BAY RADIO
135.75	118.5 278.3	123.6 (CTAF) L







CATEGORY	A	B	C	D
LPV DA#	275/24 200 (200-½)			
LNAV/VNAV DA	325/24 250 (300-½)			
LNAV MDA	480/24 405 (400-½)		480/40 405 (400-¾)	
C CIRCLING	540-1 440 (500-1)	560-1 460 (500-1)	560-1½ 460 (500-1½)	860-2½ 760 (800-2½)

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WAAS CH 42730 W26A	APP CRS 248°	Rwy ldg 4900 TDZE 100 Apt Elev 100

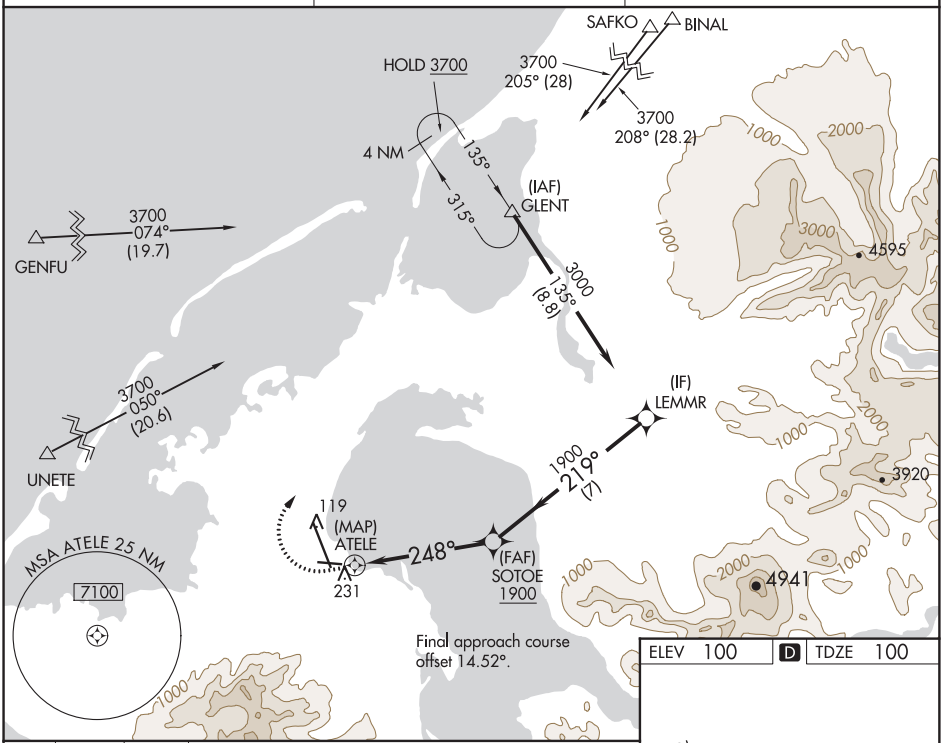
RNAV (GPS) RWY 26
COLD BAY (CDB) (PACD)

RNP APCH.

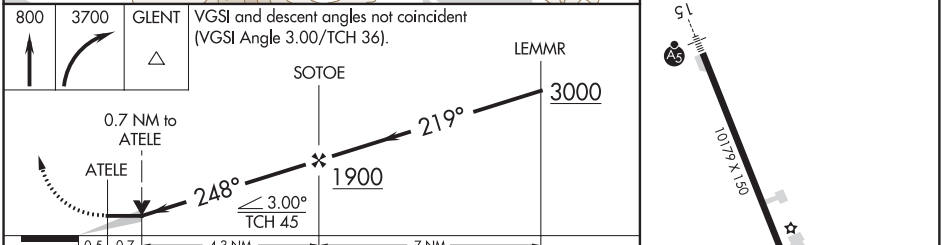
Circling NA for Cat B, C and D southwest of Rwy 15-33.

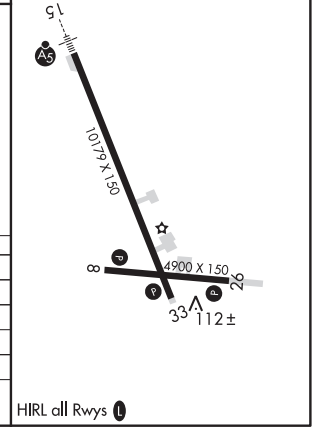
MISSED APPROACH: Climb to 800 then climbing right turn to 3700 direct GLENT and hold, continue climb-in-hold to 3700.
Missed approach requires a minimum climb of 280 feet per NM to 1180.

ASOS	ANCHORAGE CENTER	COLD BAY RADIO
135.75	118.5 278.3	123.6 (CTAF)



ELEV 100	D	TDZE 100





CATEGORY	A	B	C	D
LP MDA#	500-1	400 (400-1)	500-1⅛	400 (400-1⅛)
LP MDA	660-1	560 (600-1)	660-1⅝	560 (600-1⅝)
LNAV MDA#	500-1	400 (400-1)	500-1⅛	400 (400-1⅛)
LNAV MDA	700-1	600 (600-1)	700-1¾	600 (600-1¾)
C CIRCLING	700-1	600 (600-1)	700-1¾ 600 (600-1¾)	860-2½ 760 (800-2½)

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AK, 05 NOV 2020 to 31 DEC 2020

COLD BAY, ALASKA | AL-1241 (FAA) | 20254

RNAV (GPS) RWY 33
COLD BAY (CDB) (PACD)

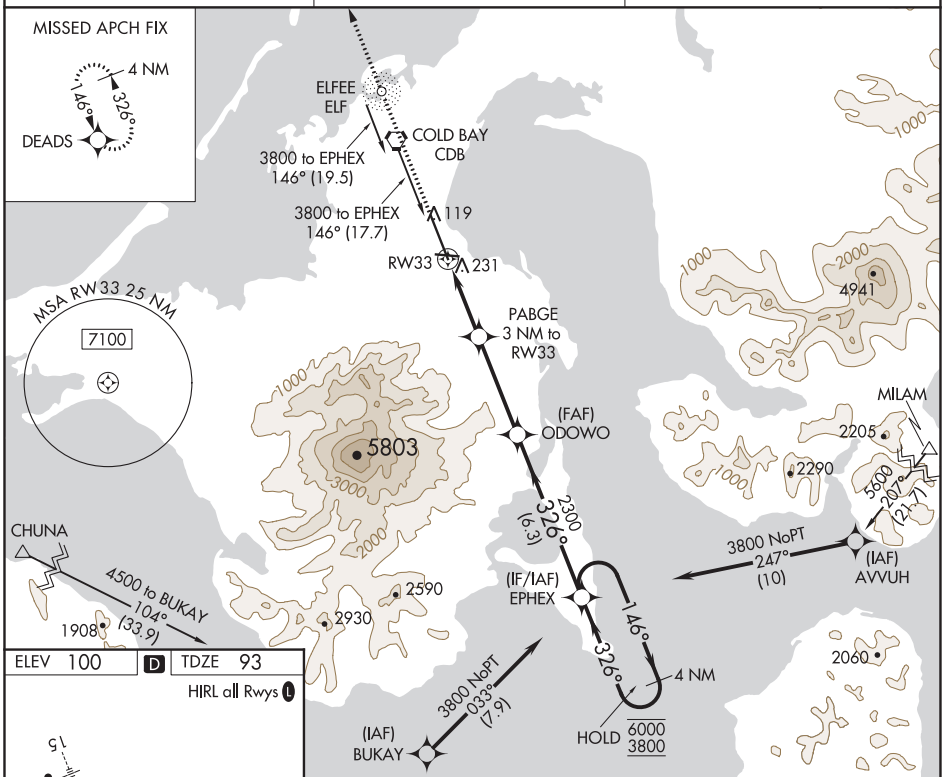
WAAS CH 49106 W33A	APP CRS 326°	Rwy ldg 10179 TDZE 93 Apt Elev 100

RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C or above 54°C. Circling NA for Cat A southwest of Rwy 15-33 at night. Circling NA for Cat B/C/D southwest of Rwy 15-33.

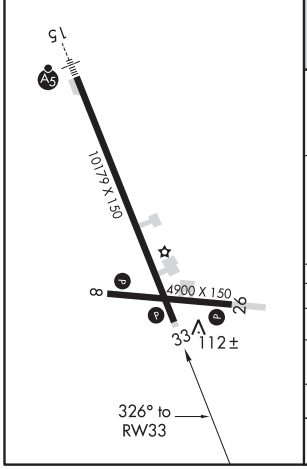
MISSED APPROACH: Climb to 3000 direct DEADS and hold.

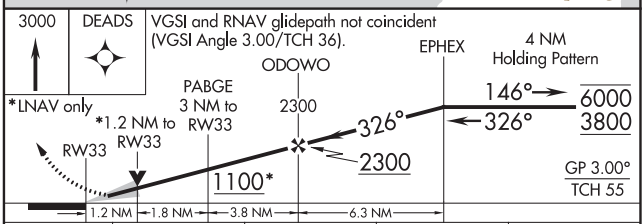
ASOS	ANCHORAGE CENTER	COLD BAY RADIO
135.75	118.5 278.3	123.6 (CTAF) L



ELEV 100 | D | TDZE 93

HIRL all Rwys L





CATEGORY		A	B	C	D
LPV	DA	293-¾ 200 (200-¾)			
LNAV/VNAV	DA	392-⅞ 299 (300-⅞)			
LNAV	MDA	500-1 407 (400-1)		500-1⅛ 407 (400-1⅛)	
C CIRCLING		540-1 440 (500-1)	560-1 460 (500-1)	560-1½ 460 (500-1½)	860-2½ 760 (800-2½)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC I-CDB	APP CRS	Rwy ldg	10179
110.3	326°	TDZE	93
		Apt Elev	100

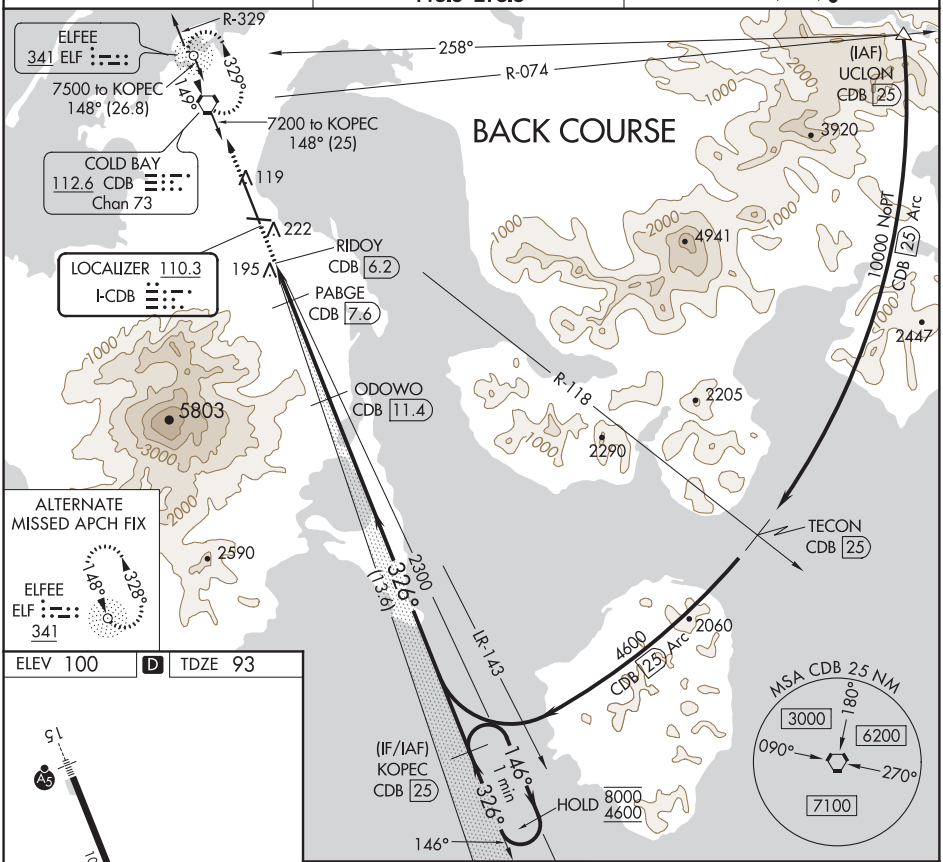
LOC BC RWY 33
COLD BAY (CDB) (PACD)

DME required.

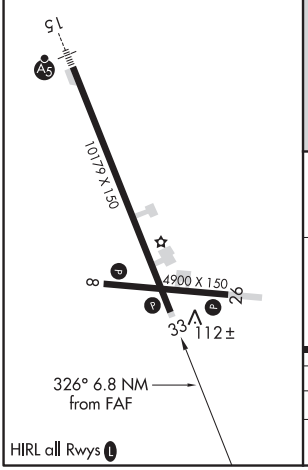
T A Circling NA for Cat A southwest of Rwy 15-33 at night. DME from CDB VORTAC. Simultaneous reception of I-CDB and CDB DME required. Circling NA for Cats B/C/D southwest of Rwy 15-33.

MISSED APPROACH: Climb to 4000 direct CDB VORTAC and hold, continue climb-in-hold to 4000.

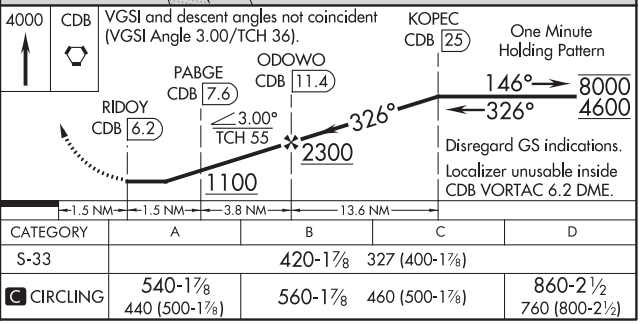
ASOS	ANCHORAGE CENTER	COLD BAY RADIO
135.75	118.5 278.3	123.6 (CTAF) L



ELEV 100 | D | TDZE 93



HIRL all Rwys L



CATEGORY	A	B	C	D
S-33	420-1⅞ 327 (400-1⅞)			
C CIRCLING	540-1⅞ 440 (500-1⅞)	560-1⅞ 460 (500-1⅞)		860-2½ 760 (800-2½)

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AK, 05 NOV 2020 to 31 DEC 2020

COLD BY, ALASKA

HI-VOR/DME or TACAN RWY 15

VORTAC CDB	APCH CRS	Rwy ldg 10,179
112.6	141°	THRE 73
Chan 73		Arpt Elev 100

JAL-1241 [USAF]

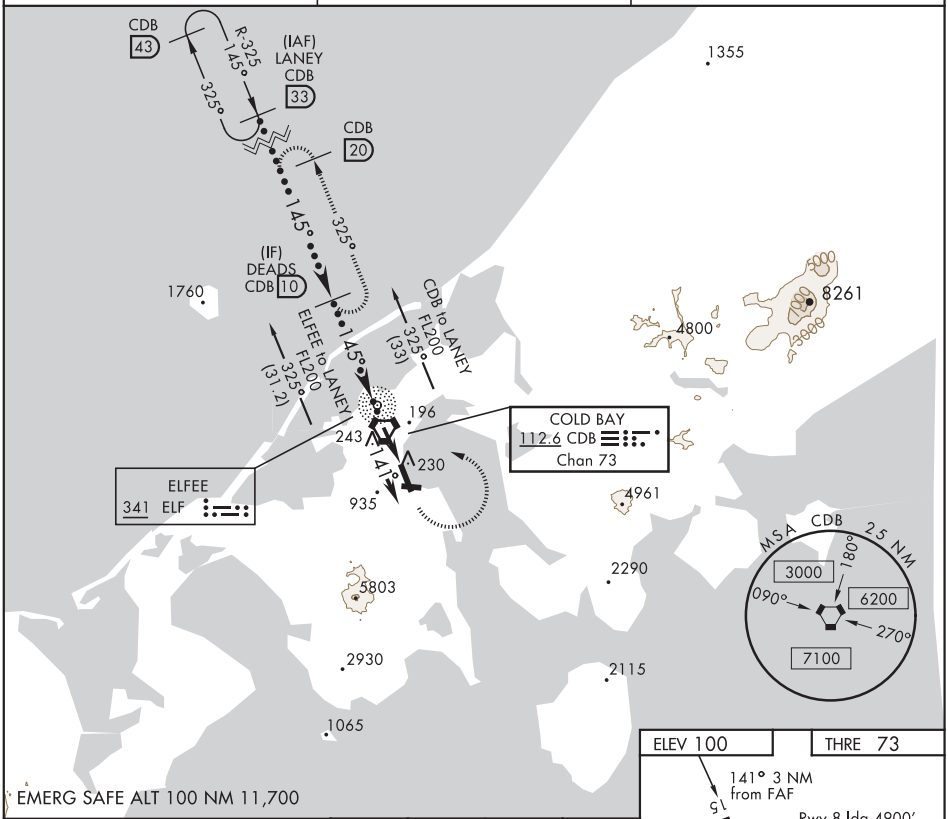
COLD BY (CDB) (PACD)

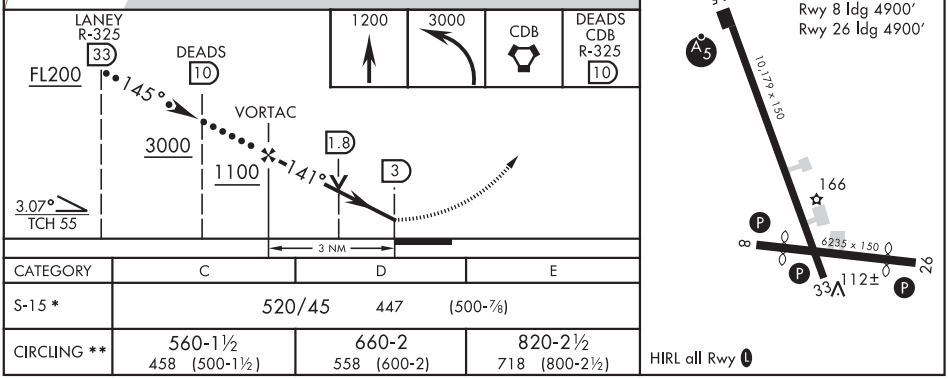
T * When ALS inop, increase vis to 1⅜ miles.
** Circling not authorized SW of Rwy 15-33.

MALSR A5

MISSED APPROACH: Climb to 1200, then climbing left turn to 3000 direct CDB VORTAC, then on CDB R-325 to DEADS/CDB 10 DME and hold.

ANCHORAGE CENTER	COLD BAY RADIO	ASOS
118.5 278.3	123.6 (CTAF) L	135.75





CATEGORY	C	D	E
S-15 *	520/45 447 (500-⅞)		
CIRCLING **	560-1½ 458 (500-1½)	660-2 558 (600-2)	820-2½ 718 (800-2½)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

VORTAC CDB 112.6 Chan 73	APP CRS 145°	Rwy ldg 10179 TDZE 75 Apt Elev 100

VOR RWY 15
COLD BAY (CDB) (PACD)

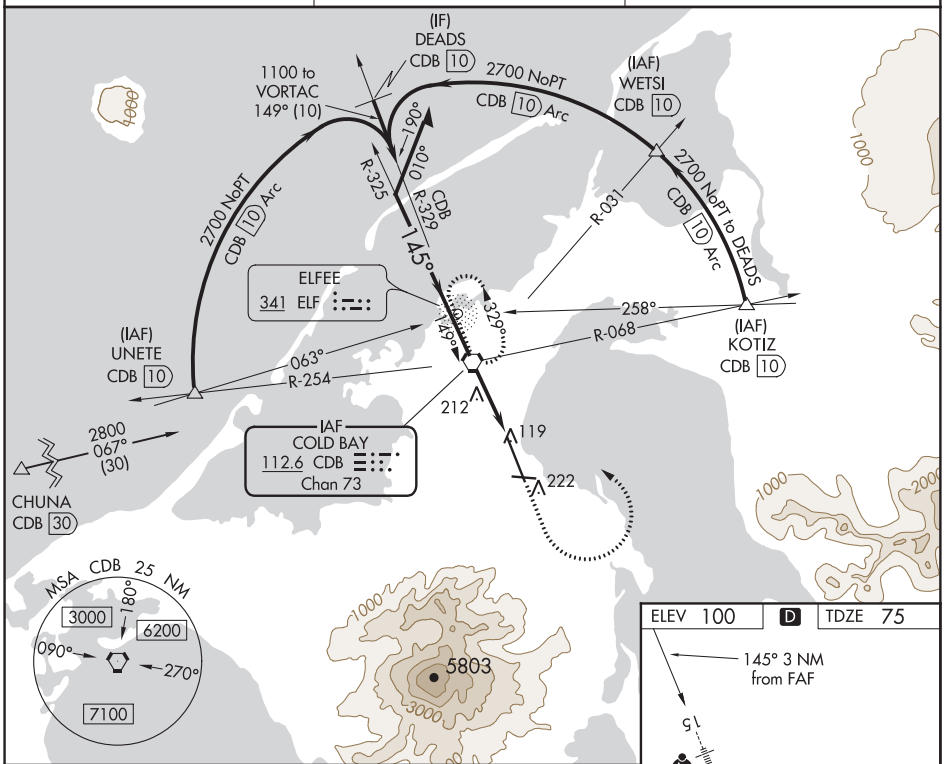
DME required.

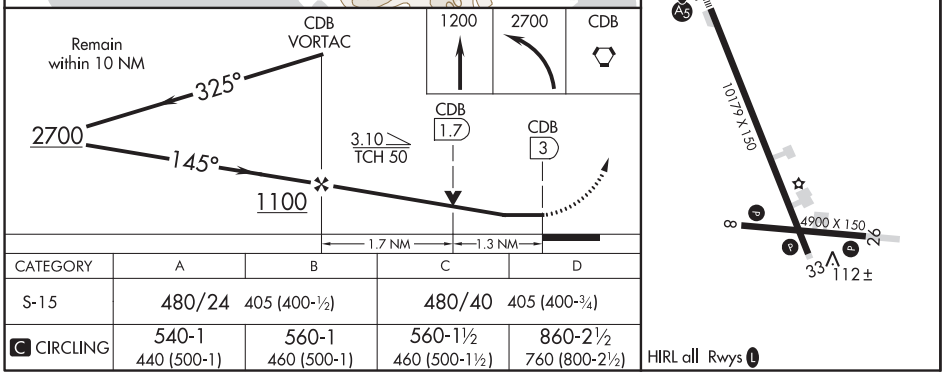
Circling NA for Cat A southwest of Rwy 15-33 at night.
DME values will decrease then increase prior to reaching missed approach point. For inop ALS, increase S-15 Cats C and D visibility to RVR 6000. Circling NA for Cats B/C/D southwest of Rwy 15-33

MALSR

MISSED APPROACH: Climb to 1200 then climbing left turn to 2700 direct CDB VORTAC and hold; continue climb-in-hold to 2700.

ASOS	ANCHORAGE CENTER	COLD BAY RADIO ★
135.75	118.5 278.3	123.6 (CTAF) L





CATEGORY	A	B	C	D
S-15	480/24 405 (400-½)		480/40 405 (400-¾)	
C CIRCLING	540-1 440 (500-1)	560-1 460 (500-1)	560-1½ 460 (500-1½)	860-2½ 760 (800-2½)

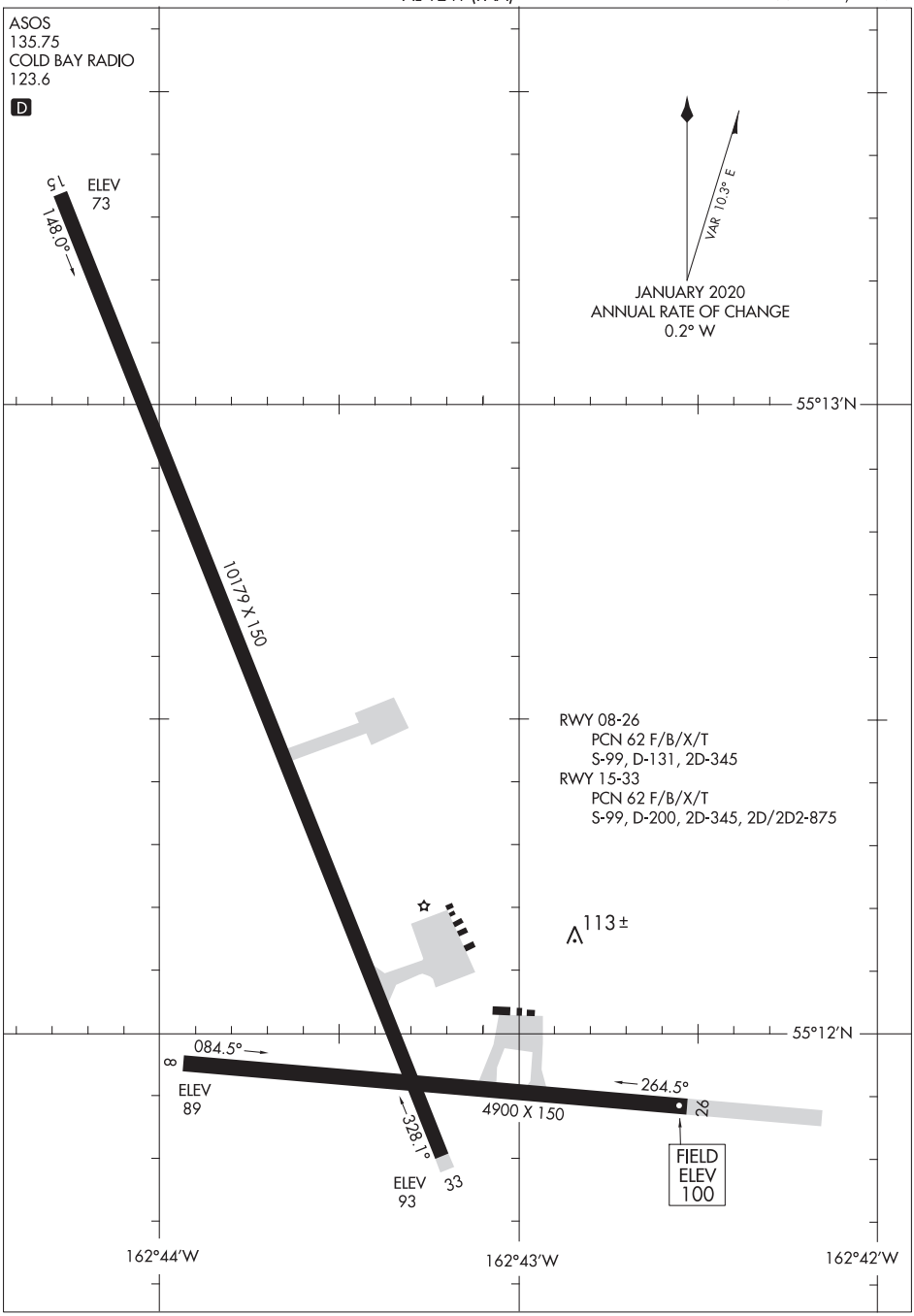
AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

20086

AIRPORT DIAGRAM

AL-1241 (FAA)

COLD BAY (CDB) (PACD)
COLD BAY, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

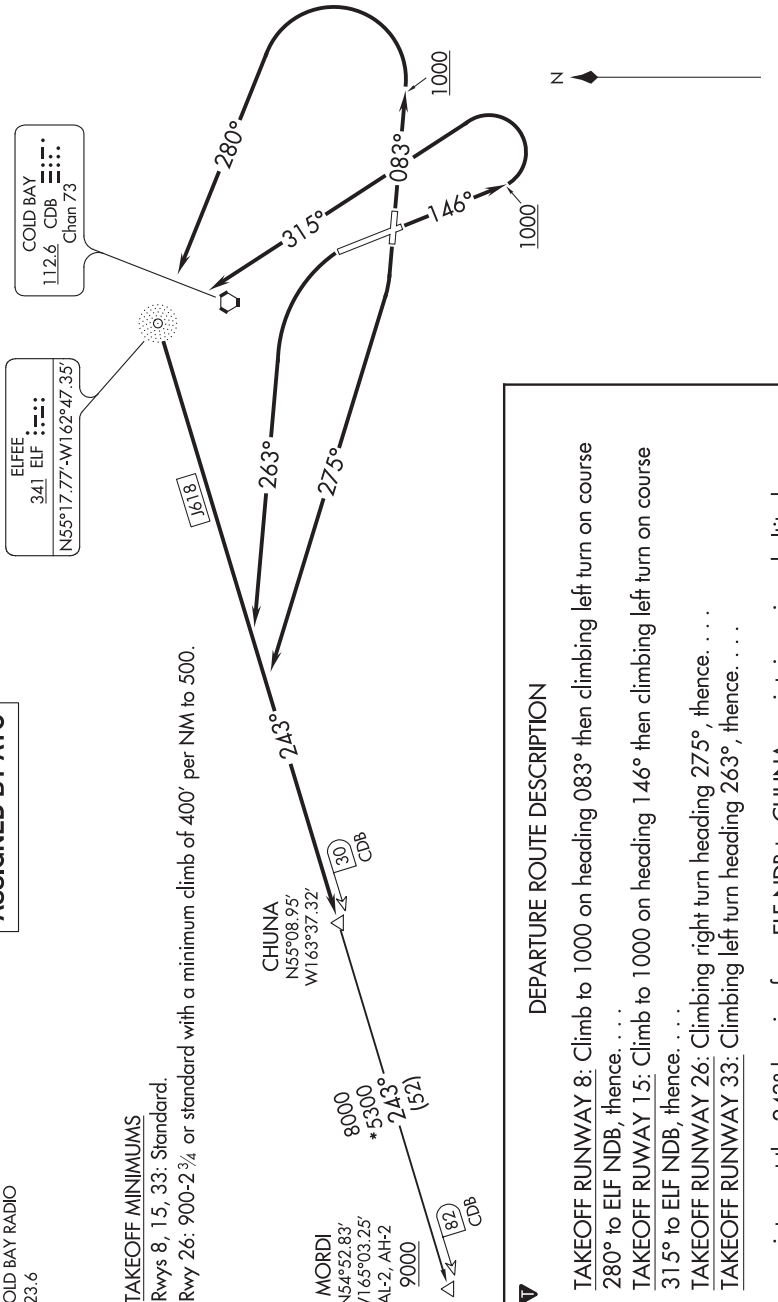
AK, 05 NOV 2020 to 31 DEC 2020

AIRPORT DIAGRAM
20086
COLD BAY, ALASKA
COLD BAY (CDB) (PACD)

ANCHORAGE CENTER
118.5 278.3
COLD BAY RADIO
123.6

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 8, 15, 33: Standard.
Rwy 26: 900-2¾ or standard with a minimum climb of 400' per NM to 500.



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

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb to 1000 on heading 083° then climbing left turn on course 280° to ELF NDB, thence. . . .
TAKEOFF RUWAY 15: Climb to 1000 on heading 146° then climbing left turn on course 315° to ELF NDB, thence. . . .
TAKEOFF RUNWAY 26: Climbing right turn heading 275°, thence. . . .
TAKEOFF RUNWAY 33: Climbing left turn heading 263°, thence. . . .

. . . .intercept the 243° bearing from ELF NDB to CHUNA, maintain assigned altitude.

MORDI TRANSITION (CHUNA2.MORDI): From over CHUNA on ELF NDB 243° to MORDI.

AK, 05 NOV 2020 to 31 DEC 2020

(WETSI2.WETSI) 20254

WETSI TWO DEPARTURE

AL-1241 (FAA)

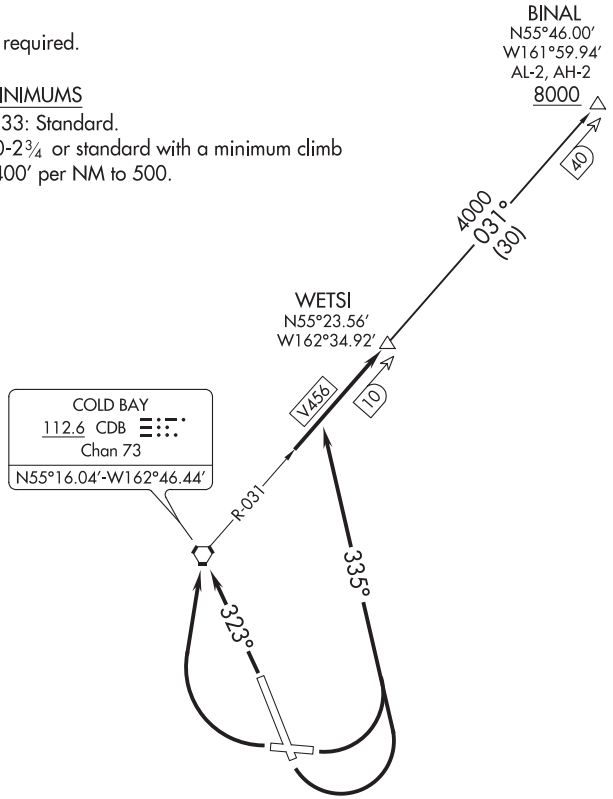
COLD BAY (CDB) (PACD)
COLD BAY, ALASKA

TOP ALTITUDE: ASSIGNED BY ATC

ANCHORAGE CENTER
118.5 278.3
COLD BAY RADIO
123.6

NOTE: DME required.

TAKEOFF MINIMUMS
Rwys 8, 15, 33: Standard.
Rwy 26: 900-2¾ or standard with a minimum climb of 400′ per NM to 500.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8, 15: Climbing left turn heading 335°, thence . . . .

TAKEOFF RUNWAY 26: Climbing right turn direct CDB VORTAC, thence . . . .

TAKEOFF RUNWAY 33: Climb heading 323° direct CDB VORTAC, thence . . . .

. . . . intercept CDB VORTAC R-031 to join V456 northeast bound to WETSI maintain assigned altitude.

BINAL TRANSITION (WETSI2.BINAL): From over WETSI on CDB R-031 to BINAL.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 93727 W02A	APP CRS 016°	Rwy ldg 4011 TDZE 1044 Apt Elev 1046

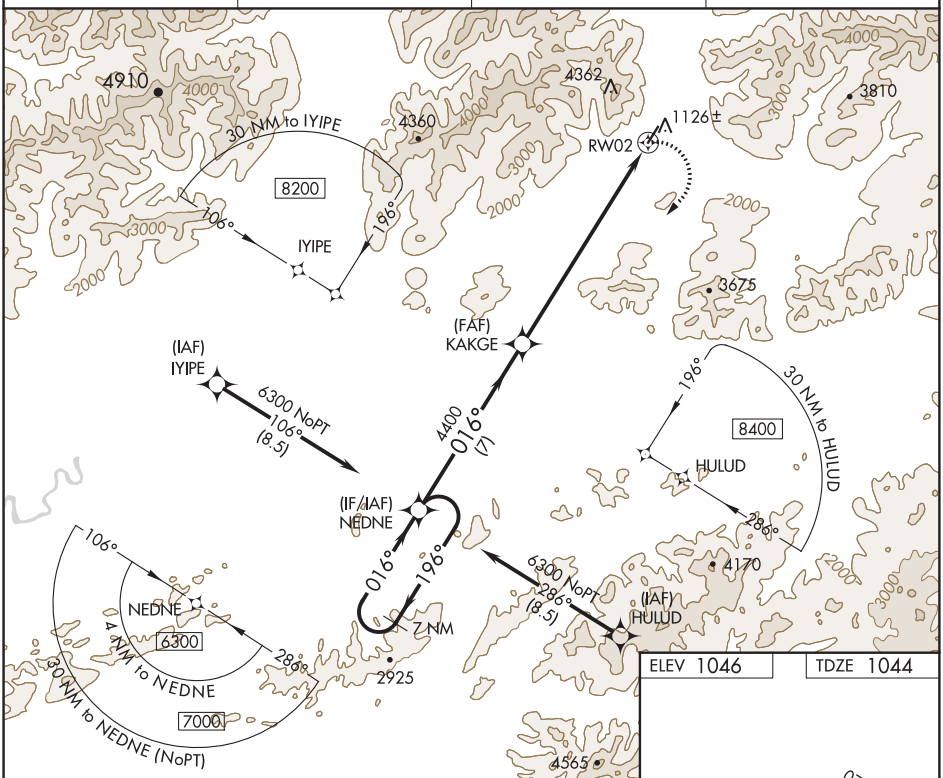
RNAV (GPS) RWY 2
COLDFOOT (CXF) (PACX)

T NA -19°C

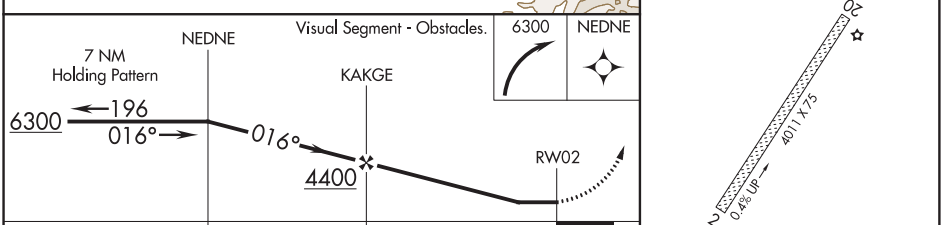
Circling NA for Cats B and C west of Rwy 2-20. DME/DME RNP-0.3 NA. Rwy 2 helicopter visibility reduction below ¾ SM NA. Use Bettles altimeter setting, when not received, procedure NA. Circling Rwy 20 NA at night.

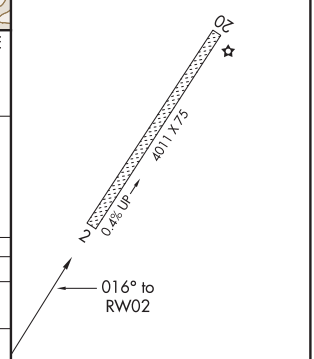
MISSED APPROACH: Climbing right turn to 6300 direct NEDNE and hold.

BTT/PABT ASOS	ANCHORAGE CENTER	FAIRBANK RADIO	CTAF
135.45	124.6 352.0	122.0	122.9 L



ELEV 1046 TDZE 1044





CATEGORY	A	B	C	D
LP MDA	4160-1¼ 3116 (3200-1¼)	4160-1½ 3116 (3200-1½)	4160-3 3116 (3200-3)	NA
LNAV MDA	4340-1¼ 3296 (3300-1¼)	4340-1½ 3296 (3300-1½)	4340-3 3296 (3300-3)	NA
C CIRCLING	4340-1¼ 3294 (3300-1¼)	4340-1½ 3294 (3300-1½)	4340-3 3294 (3300-3)	NA

MIRL Rwy 2-20 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

COLDFOOT, ALASKA | AL-10154 (FAA) | 20254

RNAV (GPS)-A
COLDFOOT (CXF) (PACX)

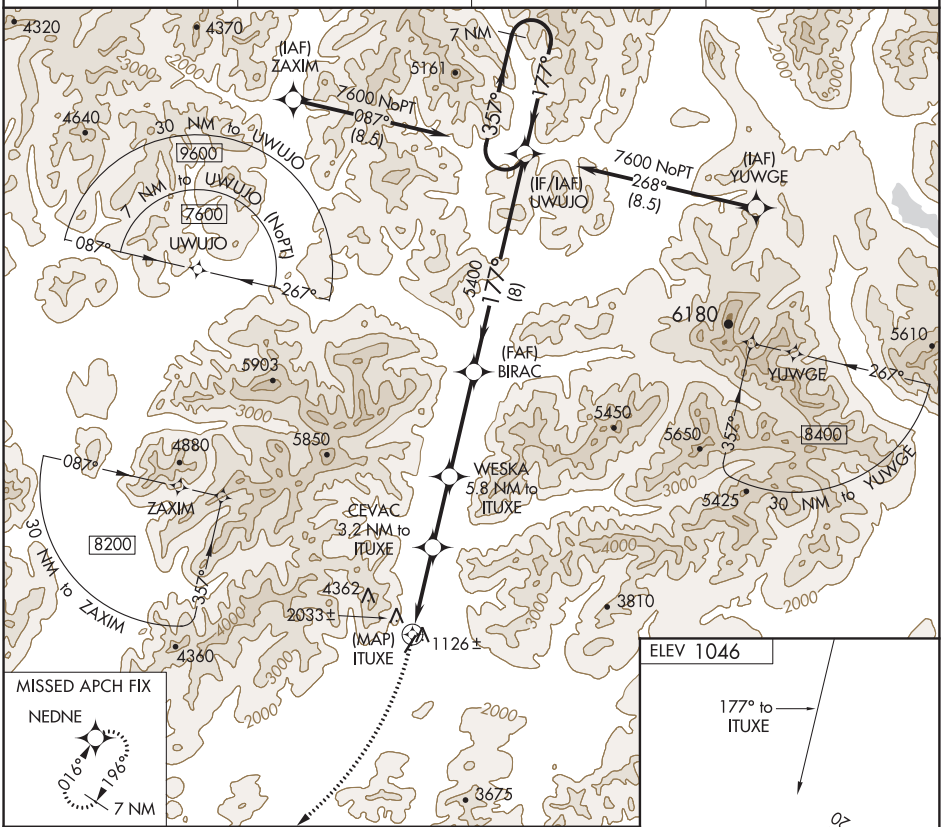
APP CRS	Rwy ldg	N/A
177°	TDZE	N/A
	Apt Elev	1046

T
NA
-19°C

DME/DME RNP-0.3 NA. Use Bettles altimeter setting, when not received, procedure NA. Rwy 20 helicopter visibility reduction below 1 SM NA. Circling Rwy 20 NA at night. Circling NA for Cats B and C west of Rwy 20-20.

MISSED APPROACH: Climbing right turn to 6300 direct NEDNE and hold.

BTT/PABT ASOS	ANCHORAGE CENTER	FAIRBANK RADIO	CTAF
135.45	124.6 352.0	122.0	122.9 L



CATEGORY	A	B	C	D
C CIRCLING	3460-1¼ 2414 (2500-1¼)	3460-1½ 2414 (2500-1½)	4260-3 3214 (3300-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

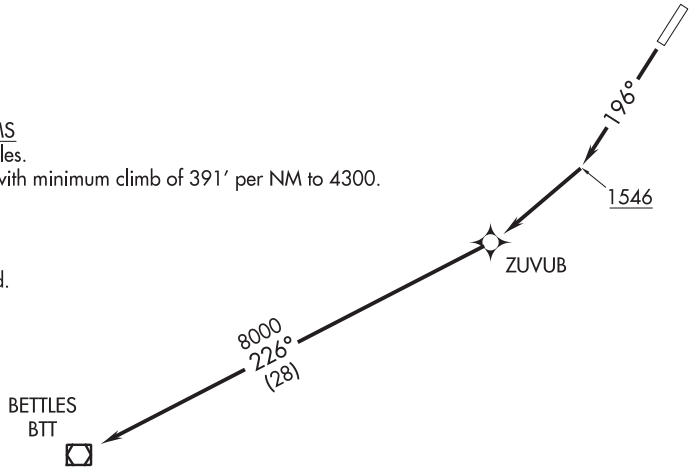
AK, 05 NOV 2020 to 31 DEC 2020

BETTLES TWO DEPARTURE (OBSTACLE) (RNAV)

FAIRBANKS RADIO
122.0
ANCHORAGE CENTER
124.6 352.0

TAKEOFF MINIMUMS
Rwy 2: NA - obstacles.
Rwy 20: Standard with minimum climb of 391′ per NM to 4300.

NOTE: RNAV 1.
NOTE: GPS required.



TAKEOFF OBSTACLE NOTE
Rwy 20: Trees beginning 2′ from DER, 144′ left of centerline, up to 13′ AGL/1042′ MSL.
Trees beginning 18′ from DER, 130′ right of centerline, up to 11′ AGL/1042′ MSL.
Tree, vertical structure, secondary road beginning 93′ from DER, 142′ left of centerline, up to 46′ AGL/1076′ MSL. Tree 277′ from DER, 272′ right of centerline, 16′ AGL/1043′ MSL.
Tree, vertical structure beginning 295′ from DER, 423′ left of centerline, up to 59′ AGL/1089′ MSL.
Tree 310′ from DER, 532′ right of centerline, 19′ AGL/1044′ MSL. Tree 364′ from DER, 466′ right of centerline, 22′ AGL/1048′ MSL. Tree 399′ from DER, 497′ right of centerline, 28′ AGL/1054′ MSL. Tree 582′ from DER, 510′ right of centerline, 30′ AGL/1055′ MSL.
Trees beginning 805′ from DER, 519′ right of centerline, up to 43′ AGL/1070′ MSL.
Trees beginning 1031′ from DER, 423′ left of centerline, up to 65′ AGL/1092′ MSL.
Trees beginning 1168′ from DER, 274′ right of centerline, up to 65′ AGL/1088′ MSL.
Trees beginning 1538′ from DER, 122′ right of centerline, up to 69′ AGL/1092′ MSL.
Trees beginning 1685′ from DER, 136′ left of centerline, up to 69′ AGL/1096′ MSL.
Trees beginning 2345′ from DER, 388′ left of centerline, up to 73′ AGL/1101′ MSL.
Tree 1.2 NM from DER, 2383′ left of centerline, 12′ AGL/1219′ MSL.
Tree and road beginning 1.2 NM from DER, 2436′ left of centerline, up to 30′ AGL/1249′ MSL.
Tree and road beginning 1.3 NM from DER, 2170′ left of centerline, up to 30′ AGL/1260′ MSL.
Road 1.3 NM from DER, 2480′ left of centerline, 1250′ MSL. Tree 1.3 NM from DER, 2415′ left of centerline, 30′ AGL/1257′ MSL. Tree and road beginning 1.3 NM from DER, 1620′ left of centerline, up to 38′ AGL/1266′ MSL. Trees beginning 1.8 NM from DER, 817′ left of centerline, up to 63′ AGL/1324′ MSL. Tree 1.9 NM from DER, 468′ left of centerline, 48′ AGL/1329′ MSL. Tree 2.1 NM from DER, 3488′ left of centerline, 15′ AGL/1343′ MSL.
Trees beginning 2.1 NM from DER, 3470′ left of centerline, up to 23′ AGL/1351′ MSL.
Tree 2.1 NM from DER, 3494′ left of centerline, 19′AGL/1352′ MSL.
Terrain 2.1 NM from DER, 3794′ left of centerline, 1369′ MSL.
Terrain and tree beginning 2.2 NM from DER, 3569′ left of centerline, up to 1388′ MSL.
Tree and terrain beginning 2.2 NM from DER, 3556′ left of centerline, up to 39′ AGL/1420′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 20: Climb heading 196° to 1546, then climb direct ZUVUB, then on track 226° direct BTT VOR/DME, maintain 8000.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

CORDOVA, ALASKA | AL-1195 (FAA) | 19115

ILS or LOC RWY 27
MERLE K (MUDHOLE) SMITH (CDV)(PACV)

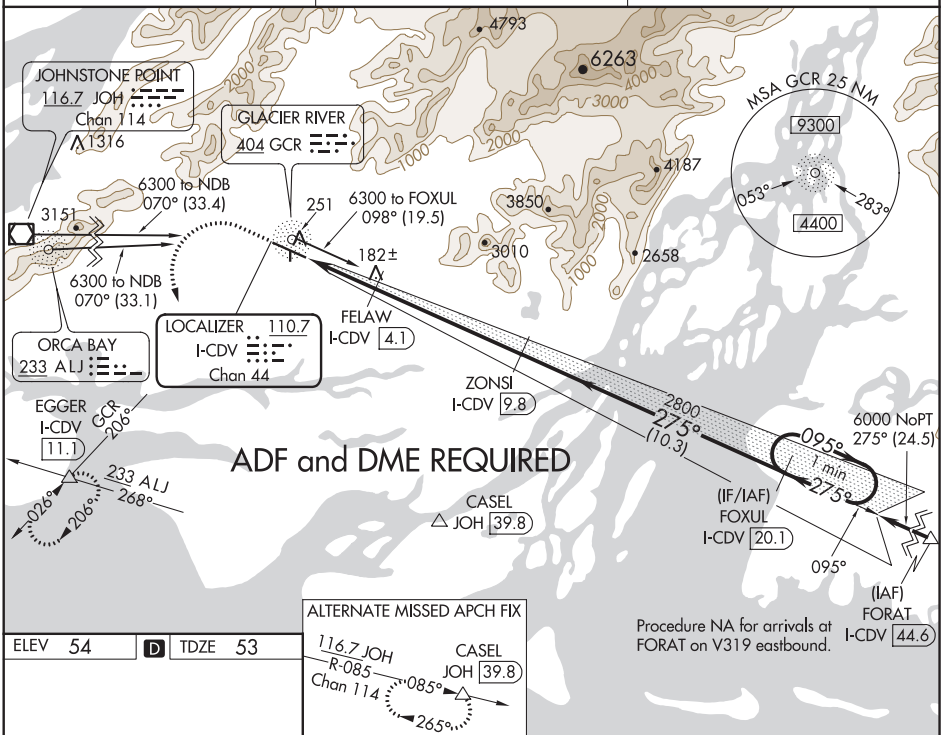
LOC/DME I-CDV	APP CRS	Rwy ldg	7500
110.7	275°	TDZE	53
Chan 44		Apt Elev	54

ADF required. DME required.
Circling NA north of Rwy 9-27.
Circling to Rwy 16/34 NA at night.

MALSR

MISSED APPROACH: Climb to 700 then climbing left turn to 5000 on heading 180° and GCR NDB bearing 206° to EGGER INT/I-CDV 11.1 DME and hold, continue climb-in-hold to 5000.

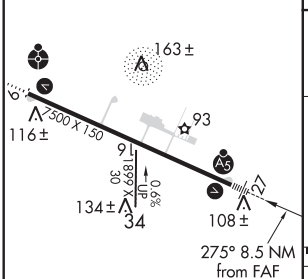
ASOS	ANCHORAGE CENTER	JUNEAU RADIO
134.8	119.3 133.6 269.4	122.2 123.6 (CTAF) L



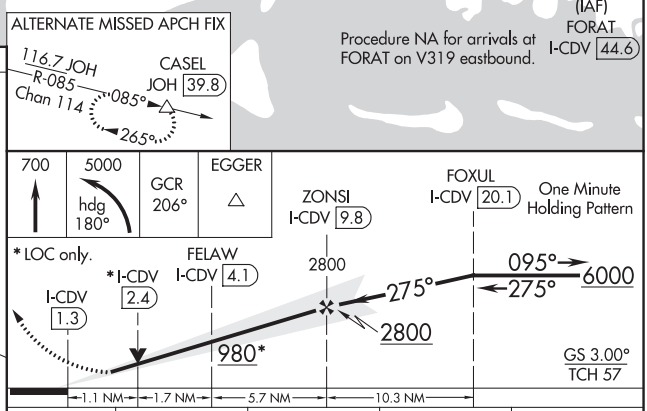
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 54 | D | TDZE 53



HIRL Rwy 9-27 L



CATEGORY	A	B	C	D
S-ILS 27	303/24 250 (300-½)			
S-LOC 27	440/24 387 (400-½)		440/35 387 (400-⅝)	
CIRCLING	460-1 406 (500-1)	520-1 466 (500-1)	520-1½ 466 (500-1½)	620-2 566 (600-2)

WAAS CH 82031 W27A	APP CRS 275°	Rwy ldg 7500 TDZE 53 Apt Elev 54

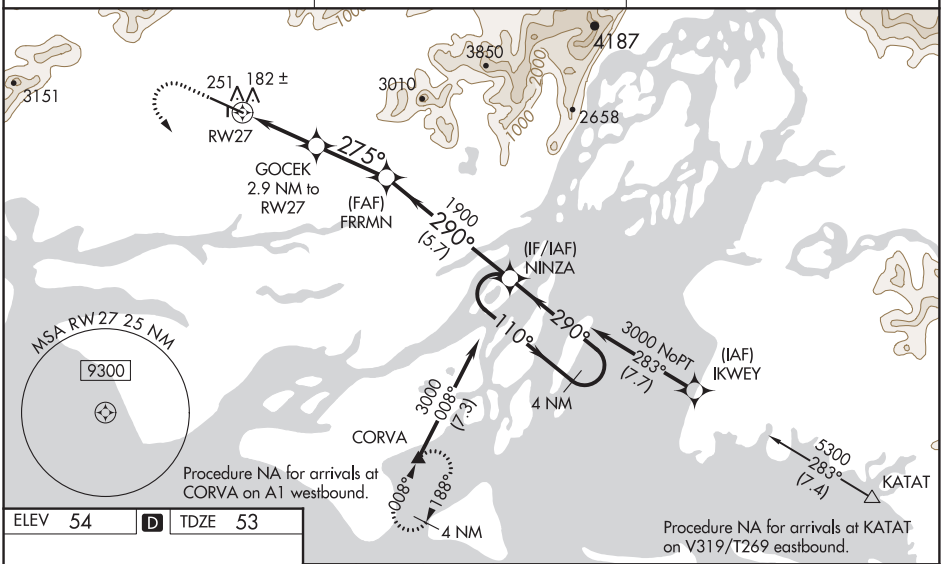
RNAV (GPS) RWY 27
MERLE K (MUDHOLE) SMITH (CDV)(PACV)

Baro-VNAV NA. DME/DME RNP-0.3 NA. VDP NA with Valdez altimeter setting. For inoperative MALSR, increase LPV all Cats visibility to RVR 4500, LNAV/VNAV all Cats visibility to 1½ , LNAV Cats A/B visibility to RVR 5500, Cats C/D visibility to RVR 6000. When local altimeter setting not received use Valdez altimeter setting and increase all DA 113 feet and all MDA 120 feet, and increase LPV all Cats visibility to RVR 4000, increase LNAV/VNAV all Cats visibility to 1½, increase LNAV Cats C/D visibility to RVR 5500. For inoperative MALSR when using Valdez altimeter setting, increase LPV all Cats visibility to RVR 6000, LNAV Cats A/B visibility to RVR 5500, and LNAV Cats C/D visibility to 1½. Circling to Rwy 16/34 NA at night. Circling NA north of Rwy 9/27.

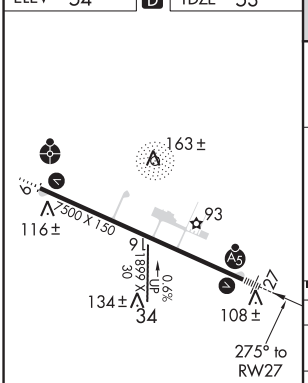
MALSR

MISSED APPROACH: Climb to 600 then climbing left turn to 3000 direct CORVA and hold.

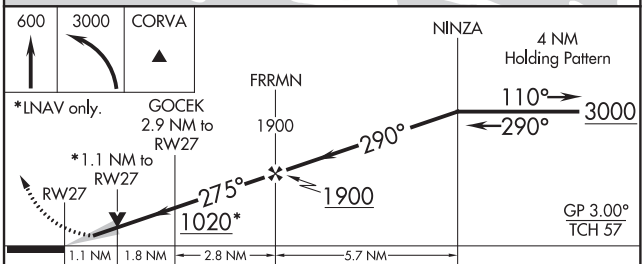
ASOS	ANCHORAGE CENTER	JUNEAU RADIO
134.8	119.3 133.6 269.4	122.2 123.6 (CTAF) L



ELEV 54 D TDZE 53



HIRL Rwy 9-27 L



CATEGORY	A	B	C	D
LPV DA	328/24 275 (300-½)			
LNAV/VNAV DA	523/56 470 (500-1¼)			
LNAV MDA	460/24 407 (500-½)		460/40 407 (500-¾)	
CIRCLING	460-1 406 (500-1)	520-1 466 (500-1)	520-1½ 466 (500-1½)	620-2 566 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

CORDOVA, ALASKA | AL-1195 (FAA) | 20310

RNAV (GPS)-B

MERLE K (MUDHOLE) SMITH (CDV)(PACV)

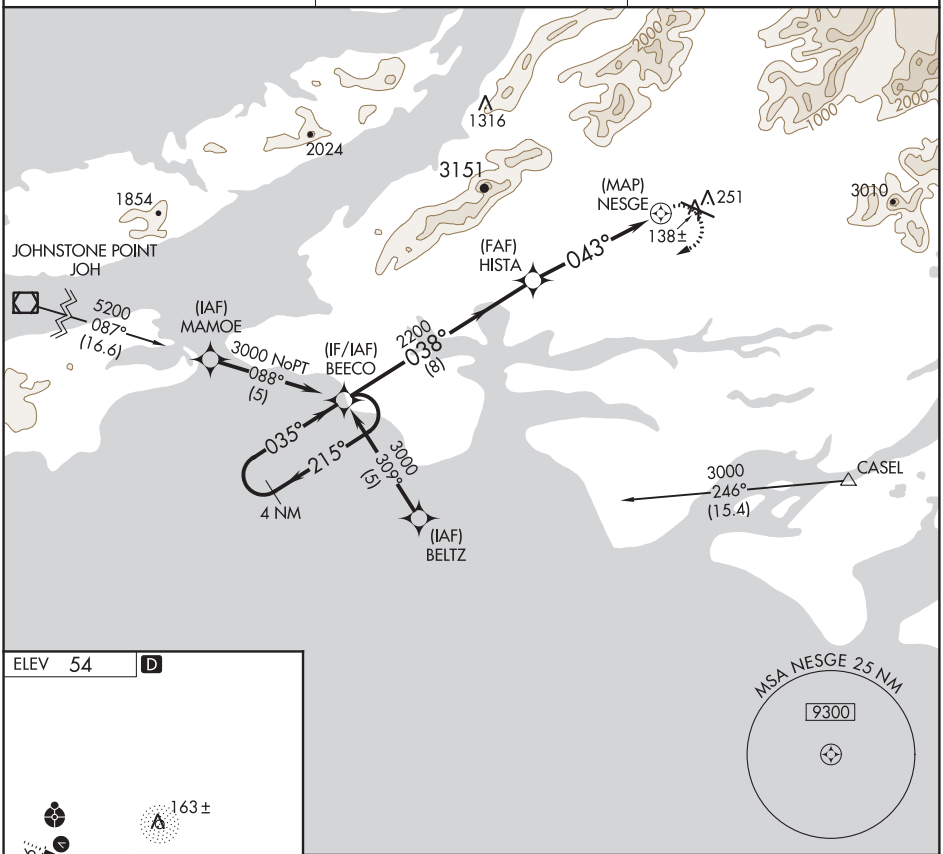
APP CRS	Rwy ldg	N/A
043°	TDZE	N/A
	Apt Elev	54

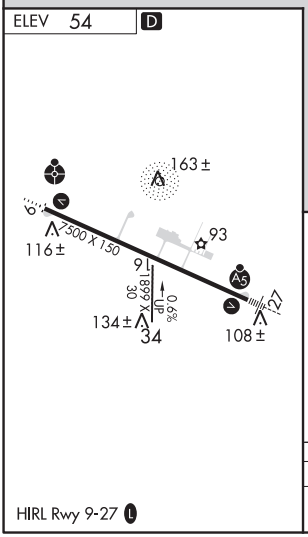
T A NA

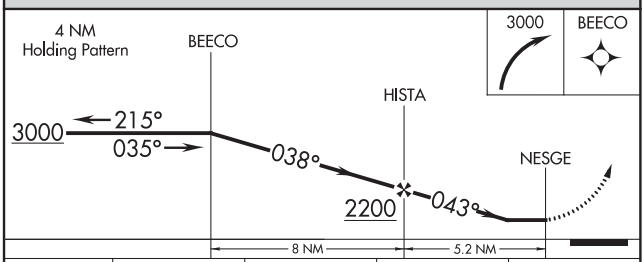
DME/DME RNP-0.3 NA. Circling to Rwy 16/34 NA at night. When local altimeter setting not received use Middleton Island altimeter setting and increase all MDA 180 feet. Circling NA north of Rwy 9/27. Helicopter visibility reduction below 1 SM not authorized.

MISSED APPROACH: Climbing right turn to 3000 direct BEECO and hold.

ASOS	ANCHORAGE CENTER	JUNEAU RADIO
134.8	119.3 133.6 269.4	122.2 123.6 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	500-1 446 (500-1)	520-1 466 (500-1)	520-1½ 466 (500-1½)	620-2 566 (600-2)

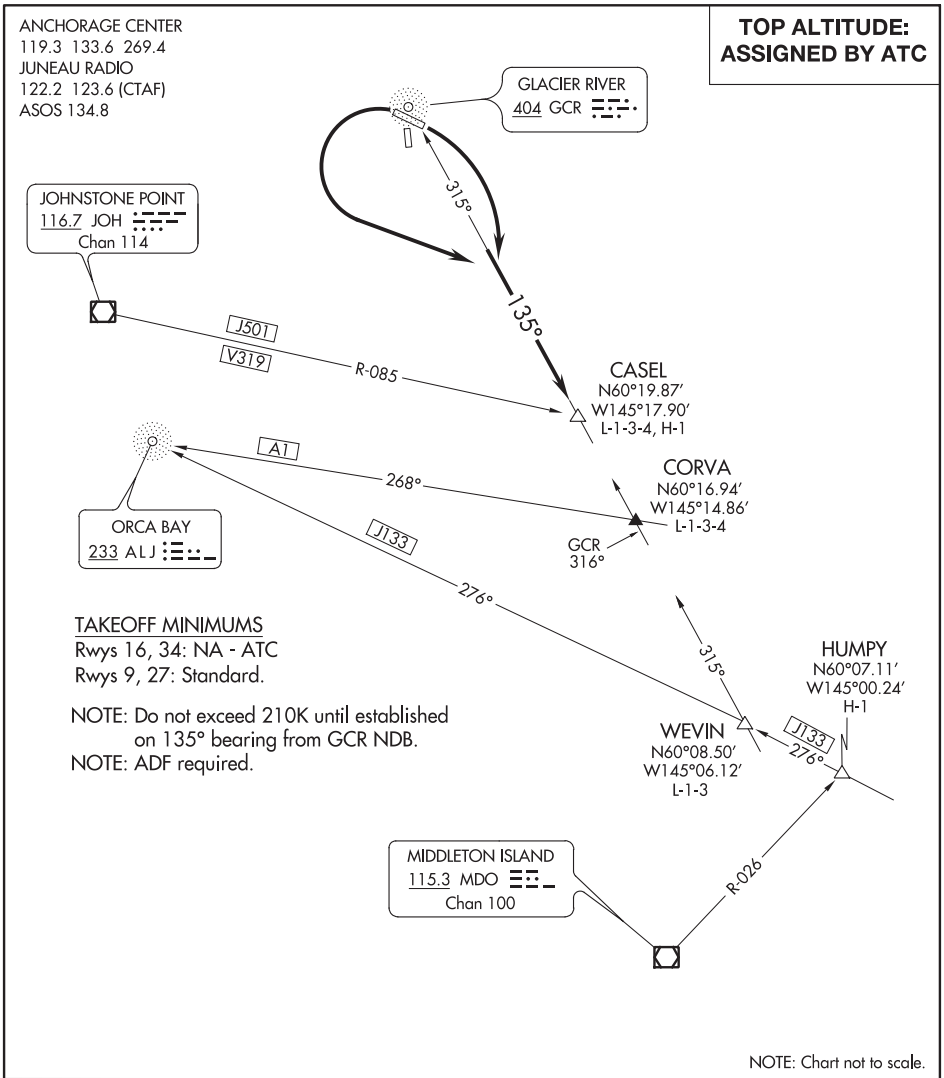
CORDOVA, ALASKA
Amdt 2 10JAN13

MERLE K (MUDHOLE) SMITH (CDV)(PACV)
60°30′N-145°29′W
RNAV (GPS)-B

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

CASEL SEVEN DEPARTURE



TAKEOFF MINIMUMS
Rwys 16, 34: NA - ATC
Rwys 9, 27: Standard.

NOTE: Do not exceed 210K until established on 135° bearing from GCR NDB.
NOTE: ADF required.

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climbing right turn to intercept bearing 135° from GCR NDB to CASEL INT, Thence. . . .

TAKEOFF RUNWAY 27: Climbing left turn to intercept bearing 135° from GCR NDB to CASEL INT, Thence. . . .

. . . .on assigned route, maintain ATC assigned altitude.

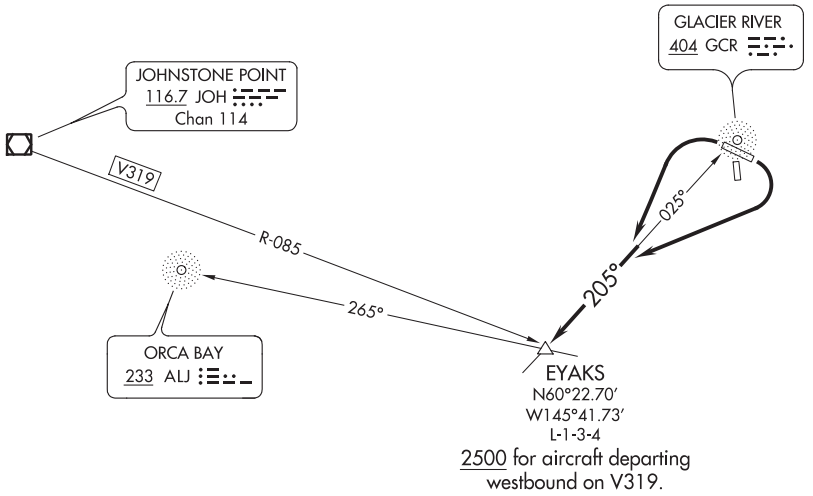
(EYAKS6.EYAKS) 18088

EYAKS SIX DEPARTURE

MERLE K (MUDHOLE) SMITH (CDV)(PACV)
AL-1195 (FAA)
CORDOVA, ALASKA

ANCHORAGE CENTER
119.3 133.6 269.4
JUNEAU RADIO
122.2 123.6 (CTAF)
ASOS
134.8

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 16, 34: NA-ATC.
Rwys 9, 27: Standard.

NOTE: Do not exceed 210K until established on 205° bearing from GCR NDB.
NOTE: ADF required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climbing right turn to intercept bearing 205° from GCR NDB to EYAKS INT, thence. . . .

TAKEOFF RUNWAY 27: Climbing left turn to intercept bearing 205° from GCR NDB to EYAKS INT, thence. . . .

. . . .on assigned route, maintain ATC assigned altitude.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

ILS or LOC RWY 6
DEADHORSE (SCC) (PASC)

LOC/DME I-SCC	APP CRS	Rwy ldg	6500
109.3	058°	TDZE	67
Chan 30		Apt Elev	67

DME required.

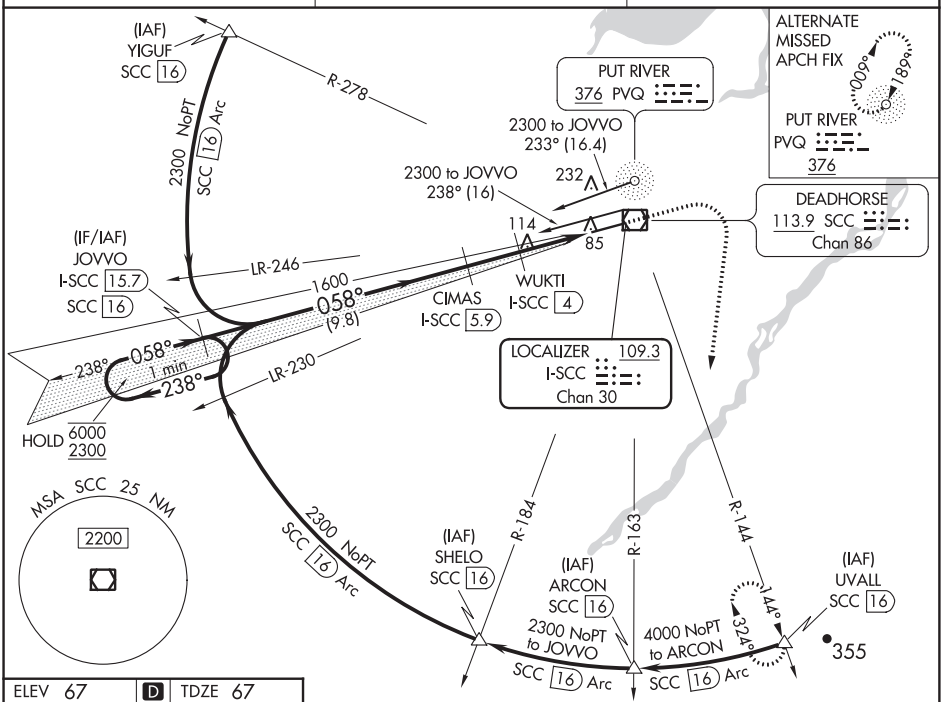
For inop ALS, increase S-ILS 6 Cat E visibility to RVR 4000 and S-LOC 6 Cats C/D/E to RVR 4500.

-45°C #RVR 1800 authorized with use of FD or AP or HUD to DA.

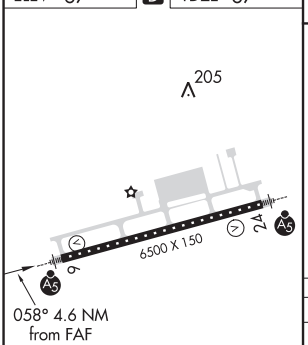
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 4000 on heading 170° and SCC VOR/DME R-144 and UVALL/SCC 16 DME and hold.

AFIS	ANCHORAGE CENTER	DEADHORSE RADIO
118.4	134.4 370.9	123.6 (CTAF) L



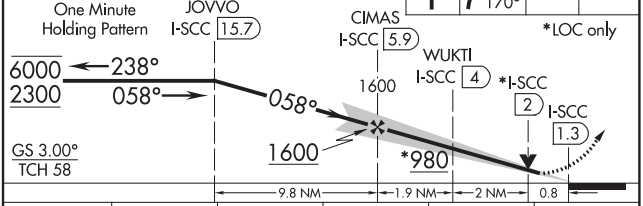
ELEV 67 D TDZE 67



HIRL Rwy 6-24 L

Use I-SCC DME when on the localizer course.
VGSI and ILS glidepath not coincident
(VGSI Angle 3.00/TCH 50).

1500	4000	SCC R-144	UVALL
↑	hdg 170°		△



CATEGORY	A	B	C	D	E
S-ILS 6#	267/24 200 (200-½)				
S-LOC 6	360/24 293 (300-½)				
C CIRCLING	540-1 473 (500-1)		580-1½ 513 (600-1½)	620-2 553 (600-2)	

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

DEADHORSE, ALASKA | AL-5776 (FAA) | 20254

RNAV (GPS) Z RWY 6
DEADHORSE (SCC) (PASC)

WAAS CH 49103 W06A	APP CRS 058°	Rwy ldg 6500 TDZE 67 Apt Elev 67

RNP APCH.

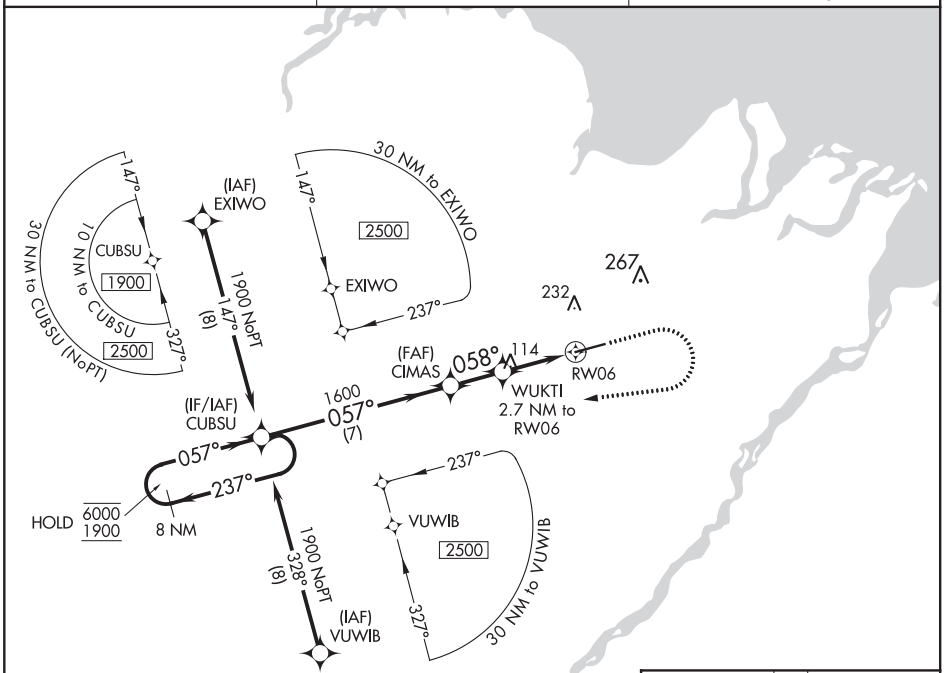
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. For inop ALS, increase LPV Cat E visibility to RVR 4000, and increase LNAV/VNAV all Cats and LNAV Cats C/D/E visibility to RVR 4500.
#RVR 1800 authorized with use of FD or AP or HUD to DA.

-45°C

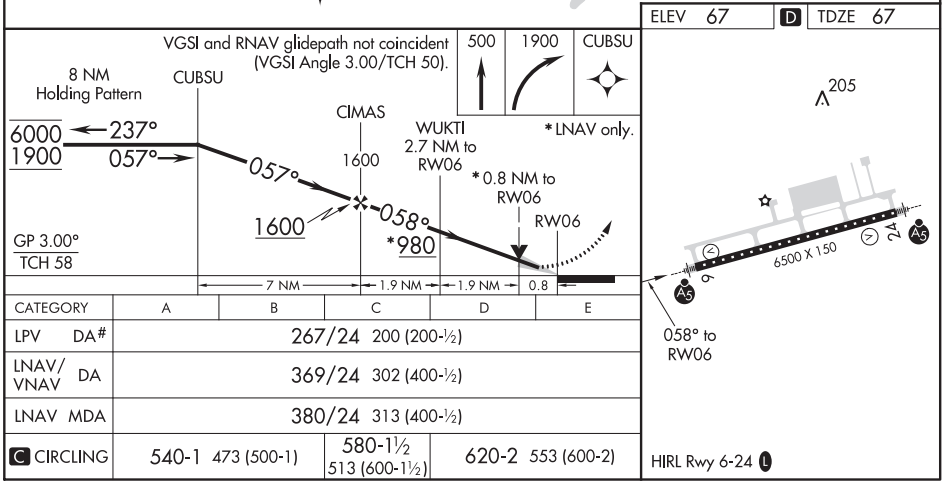
MALSR

MISSED APPROACH: Climb to 500 then climbing right turn to 1900 direct CUBSU and hold.

AFIS	ANCHORAGE CENTER	DEADHORSE RADIO
118.4	134.4 370.9	123.6 (CTAF) L



ELEV 67 | D | TDZE 67



CATEGORY	A	B	C	D	E
LPV DA#	267/24 200 (200-½)				
LNAV/VNAV DA	369/24 302 (400-½)				
LNAV MDA	380/24 313 (400-½)				
C CIRCLING	540-1 473 (500-1)		580-1½ 513 (600-1½)	620-2 553 (600-2)	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) Z RWY 24

DEADHORSE (SCC) (PASC)

WAAS CH 69203 W24A	APP CRS 238°	Rwy ldg 6500 TDZE 66 Apt Elev 67

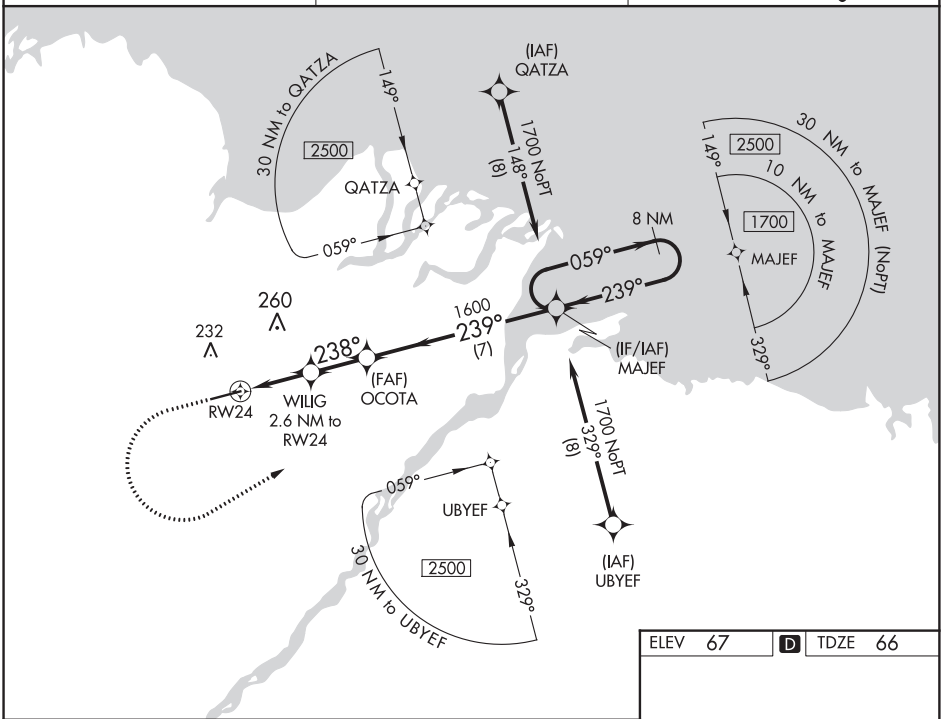
T -45°C

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.
For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to RVR 5000, and LNAV Cat E visibility to RVR 6000.
RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR A5

MISSED APPROACH: Climb to 500 then climbing left turn to 1700 direct MAJEF and hold.

AFIS	ANCHORAGE CENTER	DEADHORSE RADIO
118.4	134.4 370.9	123.6 (CTAF) L



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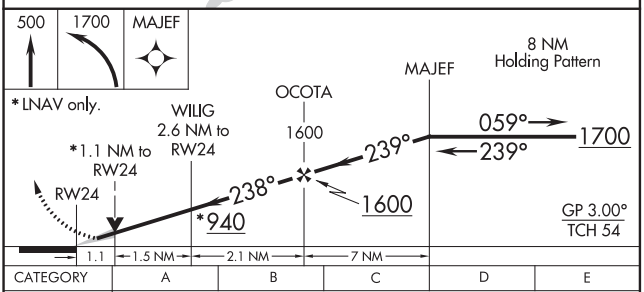
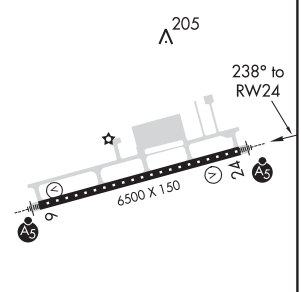


CATEGORY	A	B	C	D	E
LPV DA #	266/24 200 (200-½)				
LNAV/VNAV DA	381/30 315 (400-⅝)				
LNAV MDA	460/24 394 (400-½)		460/35 394 (400-⅝)		
C CIRCLING	540-1 473 (500-1)		580-1½ 513 (600-1½)	620-2 553 (600-2)	

ELEV 67 D TDZE 66



HIRL Rwy 6-24 L

DEADHORSE, ALASKA

AL-5776 (FAA)

20254

LOC BC RWY 24
DEADHORSE (SCC) (PASC)

LOC/DME I-SCC	APP CRS	Rwy ldg	6500
109.3	238°	TDZE	66
Chan 30		Apt Elev	67

DME required.

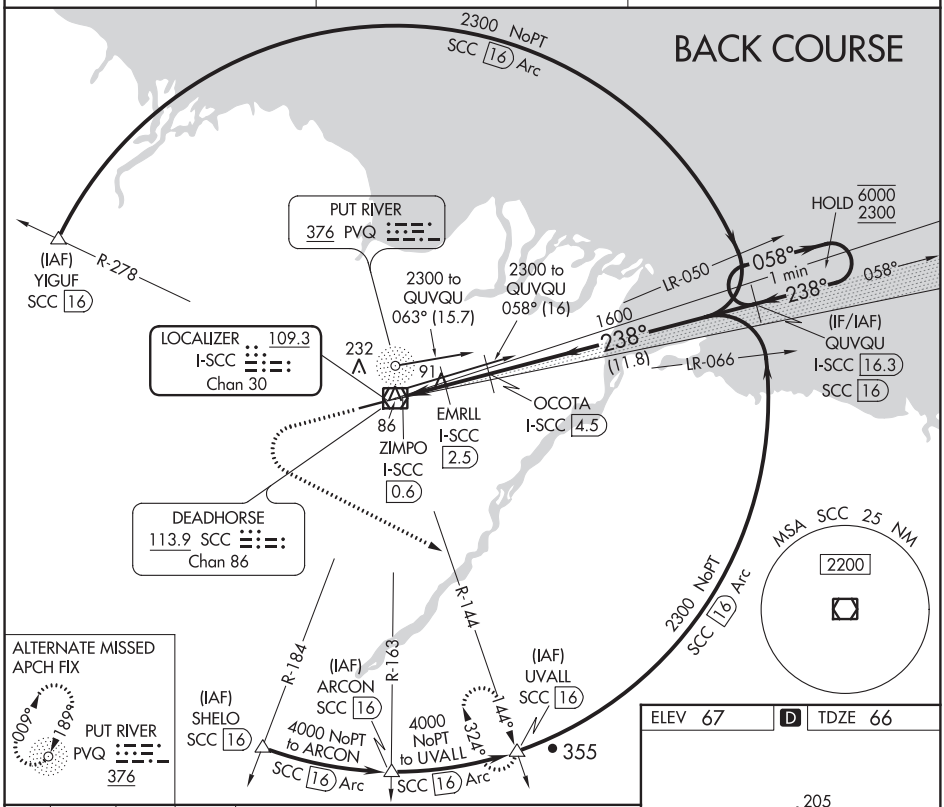
For inop ALS, increase S-24 Cat E visibility to RVR 5000.

-45°C

MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 4000 on heading 100° and SCC VOR/DME R-144 to UVALL/SCC VOR/DME 16 DME and hold.

AFIS	ANCHORAGE CENTER	DEADHORSE RADIO
118.4	134.4 370.9	123.6 (CTAF) L



CATEGORY	A	B	C	D	E
S-24	340/24 274 (300-½)				
C CIRCLING	540-1 473 (500-1)		580-1½ 513 (600-1½)	620-2 553 (600-2)	

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VOR/DME SCC 113.9 Chan 86	APP CRS 058°	Rwy ldg 6500 TDZE 67 Apt Elev 67

VOR RWY 6
DEADHORSE (SCC) (PASC)

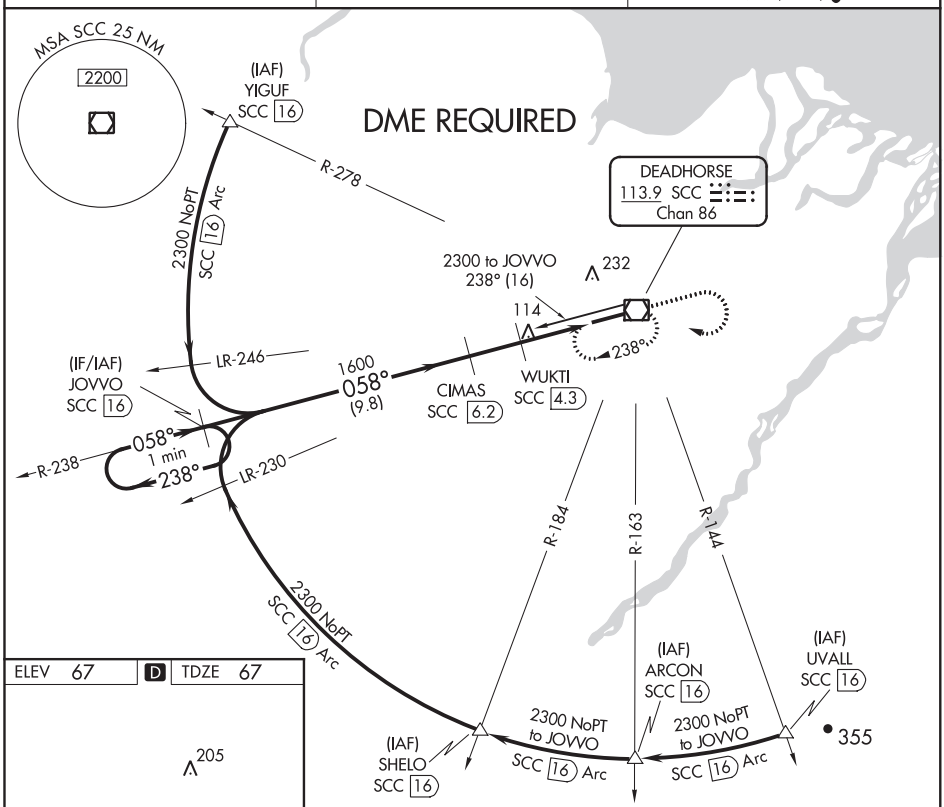
T
-45°C

DME required.
For inop ALS, increase S-6 Cats C/D/E to RVR 4500.

MALSR A5

MISSED APPROACH: Climb to 1500 then climbing right turn to 2000 direct SCC VOR/DME and hold, continue climb-in-hold to 2000.

AFIS	ANCHORAGE CENTER	DEADHORSE RADIO
118.4	134.4 370.9	123.6 (CTAF) L



ELEV 67 | D | TDZE 67

CATEGORY	A	B	C	D	E
S-6	380/24 313 (400-½)				
C CIRCLING	540-1 473 (500-1)		580-1½ 513 (600-1½)	620-2 553 (600-2)	

HIRL Rwy 6-24 L

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DEADHORSE, ALASKA

AL-5776 (FAA)

18312

VOR Y RWY 24
DEADHORSE (SCC) (PASC)

VOR/DME SCC	APP CRS	Rwy ldg	6500
113.9	238°	TDZE	66
Chan 86		Apt Elev	67

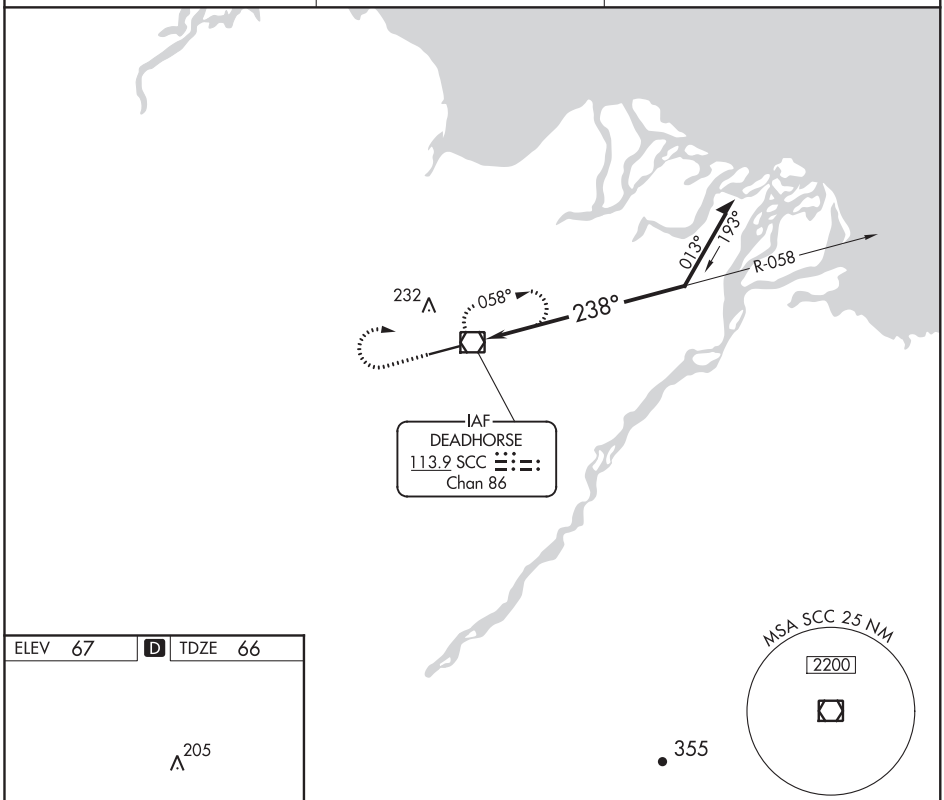
T

-45°C

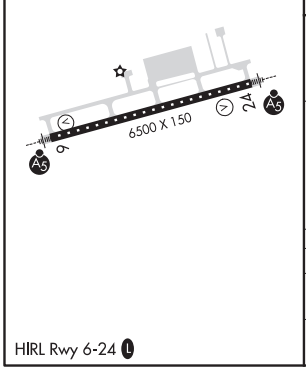
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 2000 direct SCC VOR/DME and hold, continue climb-in-hold to 2000.

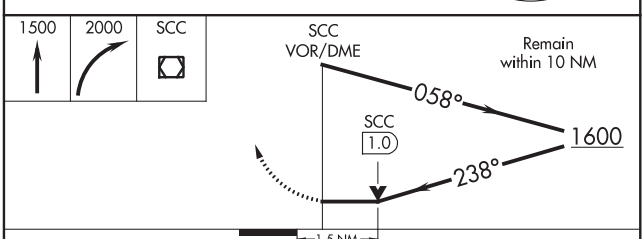
AFIS	ANCHORAGE CENTER	DEADHORSE RADIO
118.4	134.4 370.9	123.6 (CTAF) L



ELEV 67 | D | TDZE 66



HIRL Rwy 6-24 L



CATEGORY	A	B	C	D
S-24	580/24	514 (600-½)	580/55	514 (600-1)
C CIRCLING	580-1	513 (600-1)	580-1½ 513 (600-1½)	620-2 553 (600-2)

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DEADHORSE, ALASKA
Amdt 6B 12OCT17

70°12′N-148°28′W

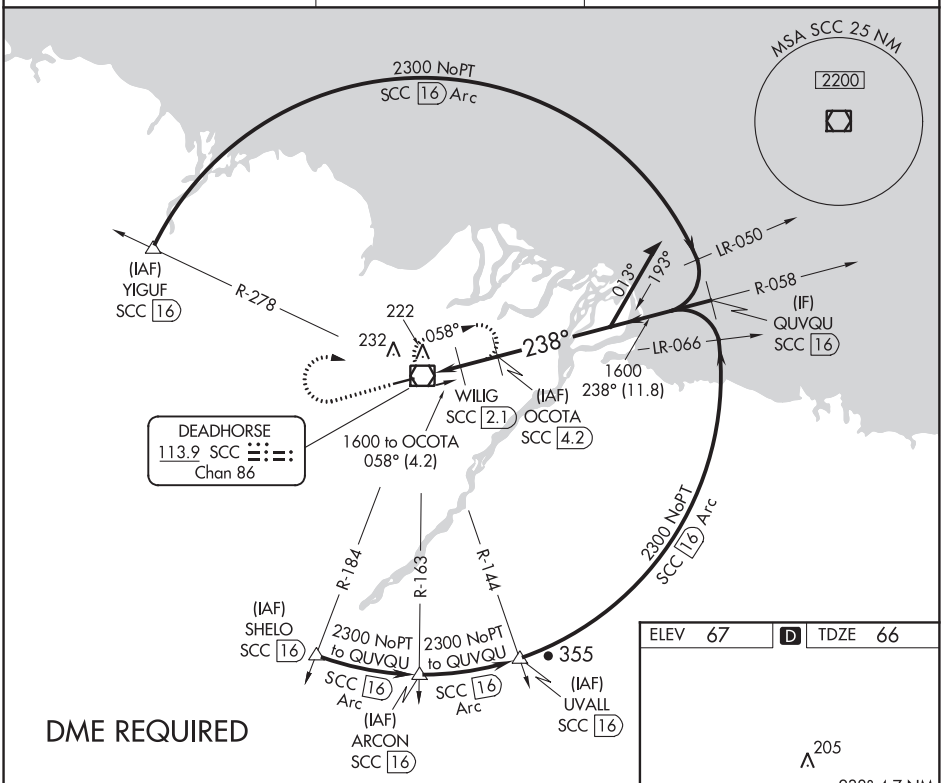
DEADHORSE (SCC) (PASC)
VOR Y RWY 24

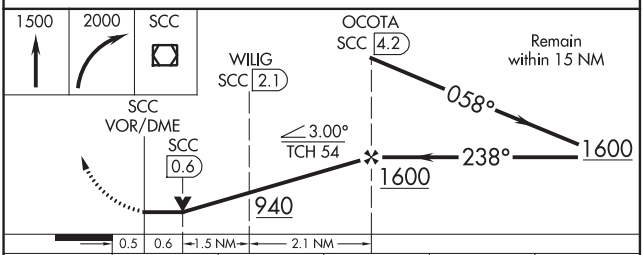
VOR/DME SCC 113.9 Chan 86	APP CRS 238°	Rwy ldg 6500 TDZE 66 Apt Elev 67

VOR Z RWY 24
DEADHORSE (SCC) (PASC)

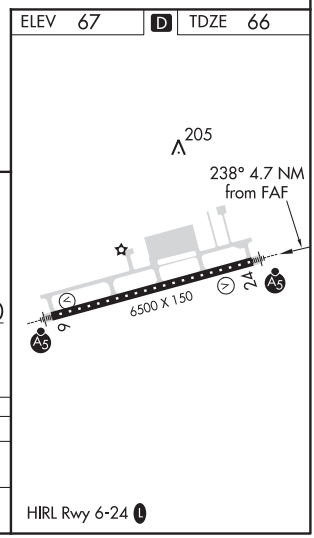
T -45°C	DME required. For inop ALS, increase Cats C/D/E visibility to RVR 6000.	MALSR A5	MISSED APPROACH: Climb to 1500 then climbing right turn to 2000 direct SCC VOR/DME and hold, continue climb-in-hold to 2000.

AFIS	ANCHORAGE CENTER	DEADHORSE RADIO
118.4	134.4 370.9	123.6 (CTAF) L





CATEGORY	A	B	C	D	E
S-24	480/24 414 (500-½)		480/40 414 (500-¾)		
C CIRCLING	540-1 473 (500-1)		580-1½ 513 (600-1½)	620-2 553 (600-2)	



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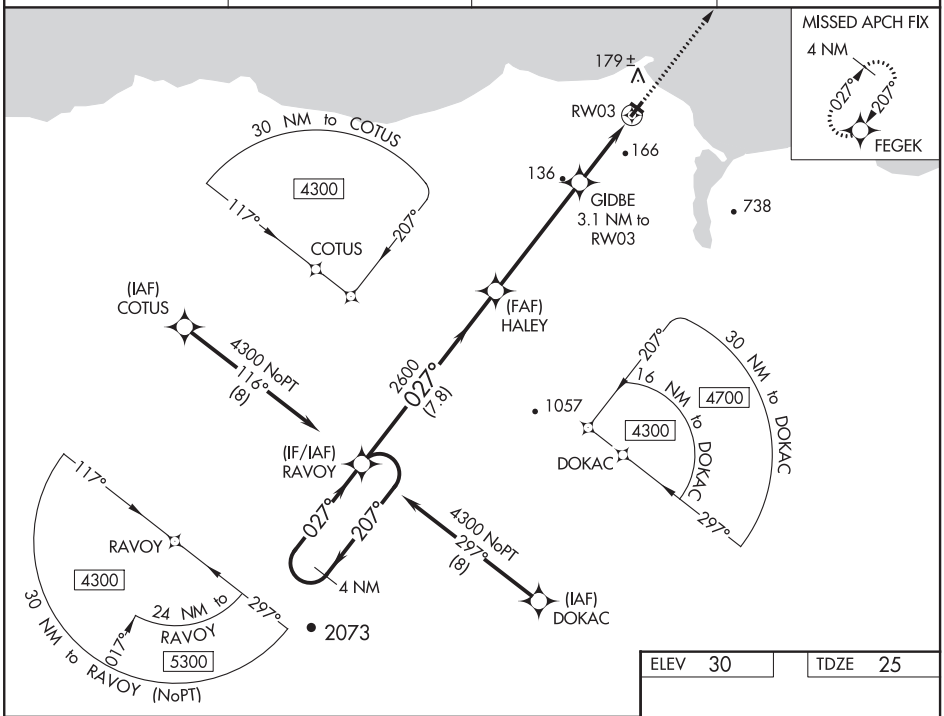
WAAS CH 97341 W03A	APP CRS 027°	Rwy ldg 3320 TDZE 25 Apt Elev 30

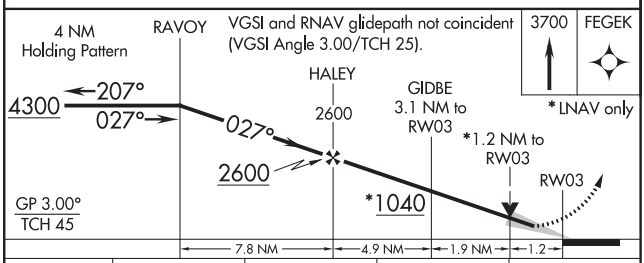
RNAV (GPS) RWY 3
DEERING (DEE)(PADE)

Circling to Rwy 12, 30 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. -39°C

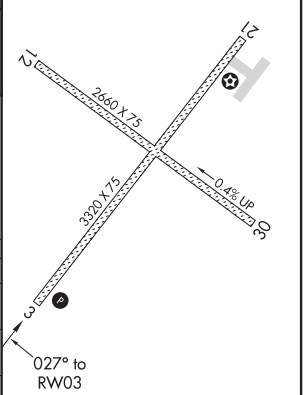
MISSED APPROACH: Climb to 3700 direct FEGEK and hold, continue climb-in-hold to 3700.

ASOS	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.5	119.2 263.0	122.25	122.9 L





CATEGORY	A	B	C	D
LPV DA	275-1 250 (300-1)			NA
LNAV/VNAV DA	275-1 250 (300-1)			NA
LNAV MDA	420-1 395 (400-1)		420-1⅛ 395 (400-1⅛)	NA
C CIRCLING	680-1 650 (700-1)	840-1 810 (900-1)	840-2¼ 810 (900-2¼)	NA



REIL Rwy 3 L
MIRL Rwys 3-21 and 12-30 L

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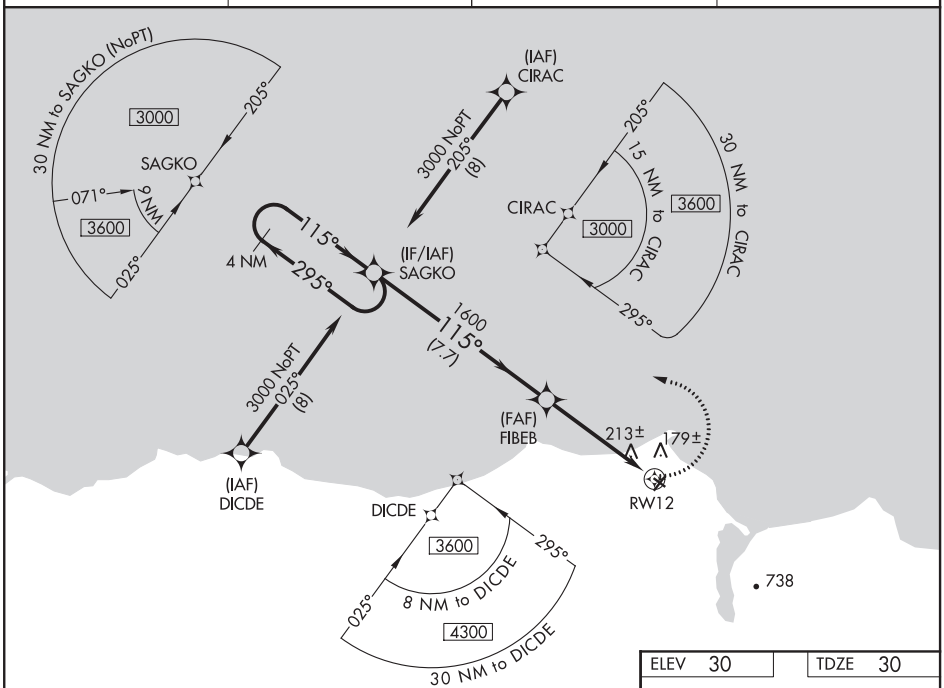
APP CRS	Rwy ldg	2660
115°	TDZE	30
	Apt Elev	30

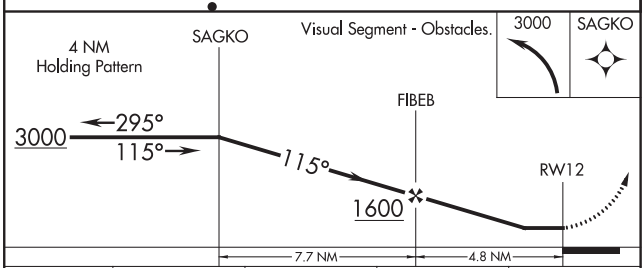
RNAV (GPS) RWY 12
DEERING (DEE)(PADE)

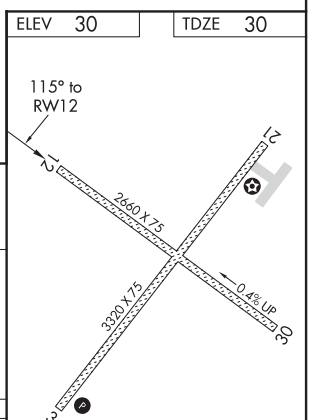
DME/DME RNP-0.3 NA.
Rwy 12 helicopter visibility reduction below 1 SM NA.
-39°C Straight-in Rwy 12 NA at night, Circling Rwy 12, 30 NA at night.

MISSED APPROACH: Climbing left turn to 3000 direct SAGKO and hold.

ASOS	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.5	119.2 263.0	122.25	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	520-1 490 (500-1)		520-1⅜ 490 (500-1⅜)	NA
C CIRCLING	680-1 650 (700-1)	840-1 810 (900-1)	840-2½ 810 (900-2½)	NA

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AK, 05 NOV 2020 to 31 DEC 2020

DEERING, ALASKA | AL-10058 (FAA) | 19171

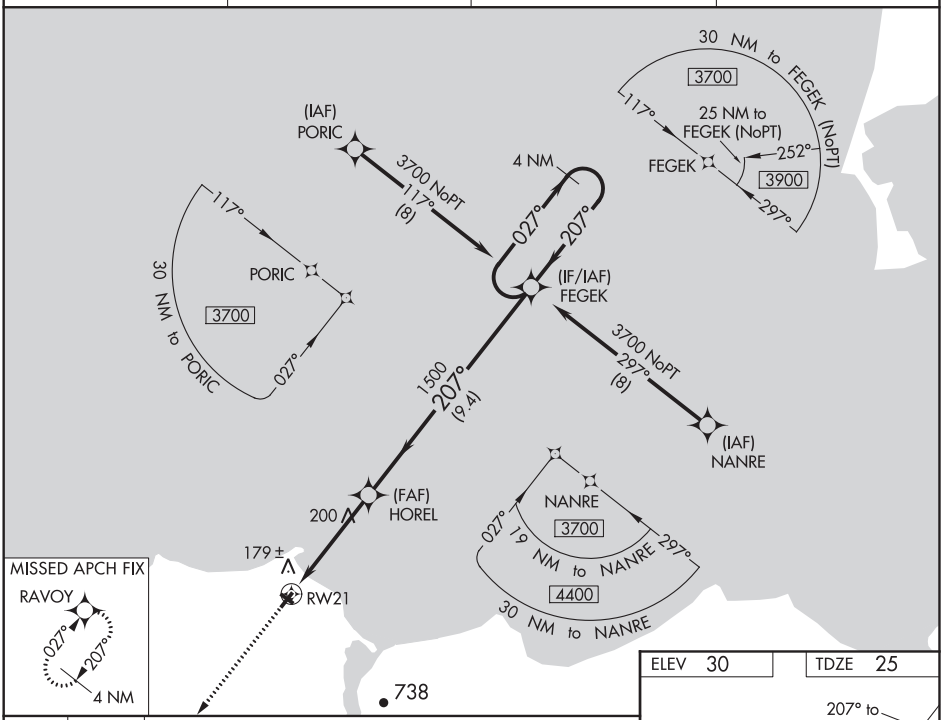
RNAV (GPS) RWY 21
DEERING (DEE)(PADE)

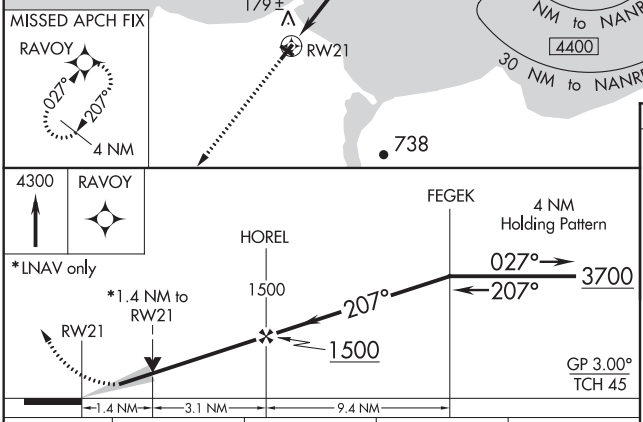
WAAS CH 56241 W21A	APP CRS 207°	Rwy ldg 3320 TDZE 25 Apt Elev 30

Circling to Rwy 12, 30 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. -39°C

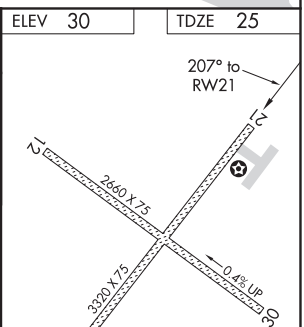
MISSED APPROACH: Climb to 4300 direct RAVOY and hold, continue climb-in-hold to 4300.

ASOS	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.5	119.2 263.0	122.25	122.9 L





CATEGORY	A	B	C	D
LPV DA	275-1 250 (300-1)			NA
LNAV/VNAV DA	332-1 307 (400-1)			NA
LNAV MDA	500-1 475 (500-1)		500-1⅜ 475 (500-1⅜)	NA
C CIRCLING	680-1 650 (700-1)	840-1 810 (900-1)	840-2¼ 810 (900-2¼)	NA



REIL Rwy 3 L
MIRL Rwys 3-21 and 12-30 L

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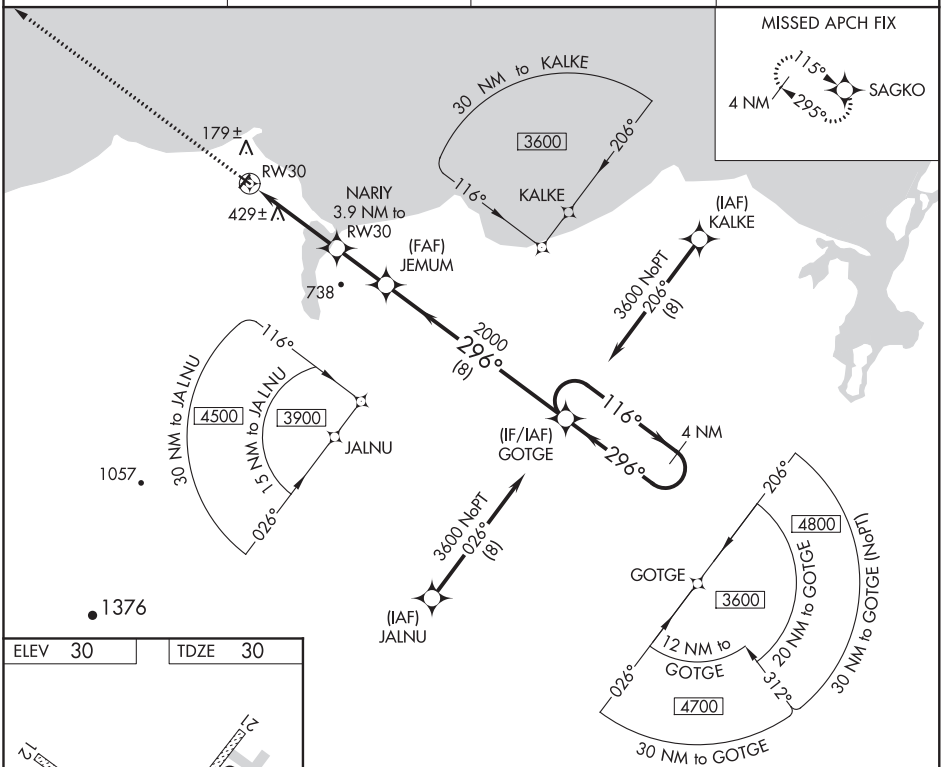
RNAV (GPS) RWY 30
DEERING (DEE)(PADE)

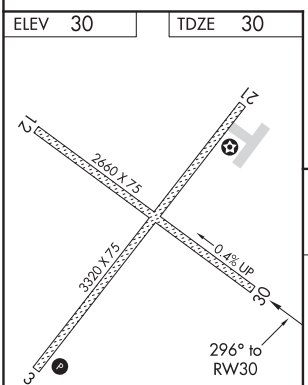
APP CRS	Rwy ldg	2660
296°	TDZE	30
	Apt Elev	30

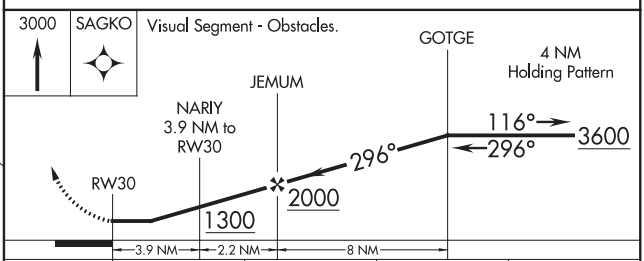
DME/DME RNP-0.3 NA.
Rwy 30 helicopter visibility reduction below 1 SM NA.
-39°C Straight-in Rwy 12 NA at night, Circling Rwy 12, 30 NA at night.

MISSED APPROACH: Climb to 3000 direct SAGKO and hold.

ASOS	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.5	119.2 263.0	122.25	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	740-1 710 (800-1)		740-2 710 (800-2)	NA
C CIRCLING	740-1 710 (800-1)	840-1 810 (900-1)	840-2¼ 810 (900-2¼)	NA

REIL Rwy 3 L
MIRL Rwys 3-21 and 12-30 L

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AK, 05 NOV 2020 to 31 DEC 2020

DILLINGHAM, ALASKA | AL-5166 (FAA) | 20254

RNAV (GPS) RWY 1
DILLINGHAM (DLG)(PADL)

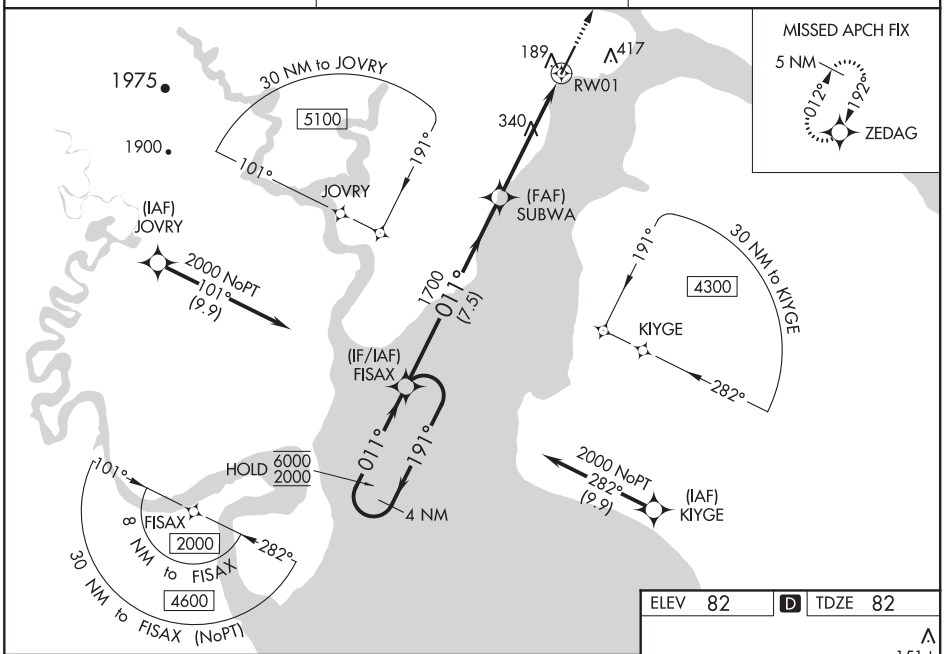
WAAS CH 82025 W01A	APP CRS 011°	Rwy ldg 6400 TDZE 82 Apt Elev 82

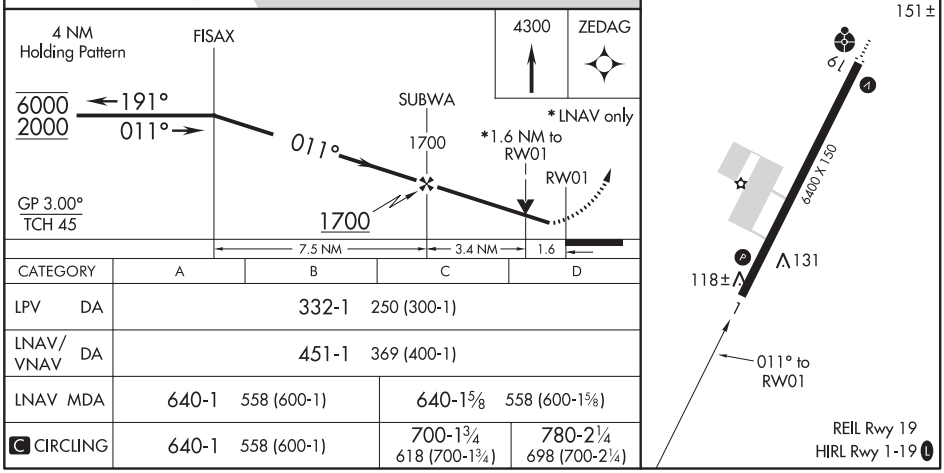
RNP APCH.

Circling NA east of Rwy 1-19.
For uncompensated Baro-VNAV systems, procedure NA below -20°C or above 54°C.
Rwy 1 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 4300 direct ZEDAG and hold, continue climb-in-hold to 4300.

AFIS ★	ANCHORAGE CENTER	DILLINGHAM RADIO
125.0	132.75 282.35	123.6 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	332-1 250 (300-1)			
LNAV/VNAV DA	451-1 369 (400-1)			
LNAV MDA	640-1 558 (600-1)		640-1⅝ 558 (600-1⅝)	
C CIRCLING	640-1 558 (600-1)		700-1¾ 618 (700-1¾)	780-2¼ 698 (700-2¼)

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APP CRS	Rwy ldg	6400
192°	TDZE	81
	Apt Elev	82

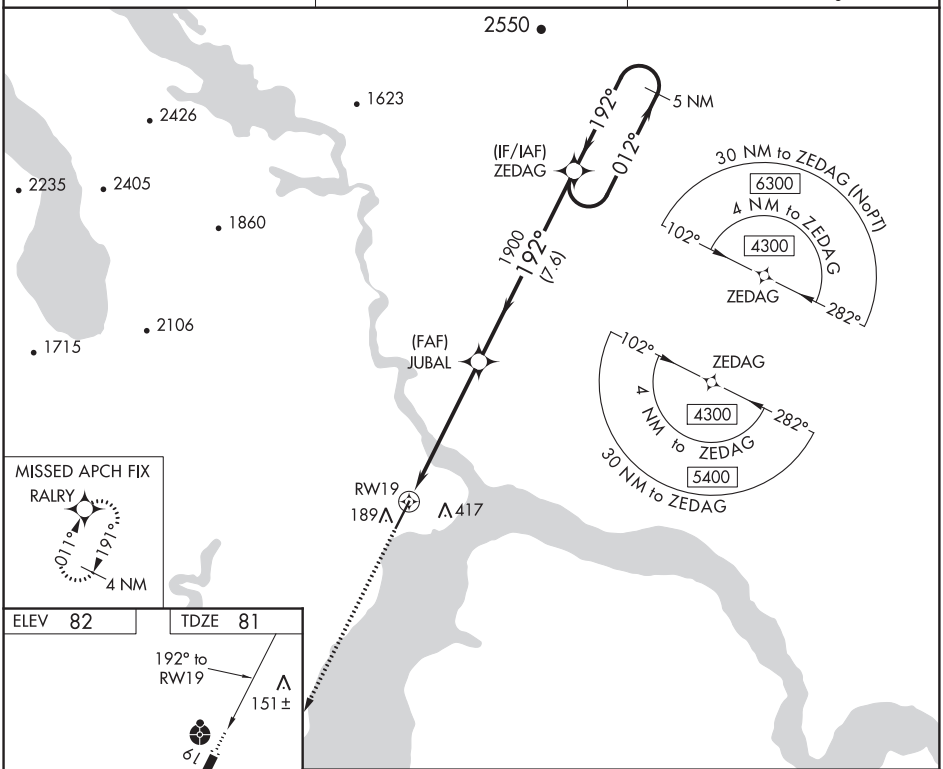
RNAV (GPS) RWY 19
DILLINGHAM (DLG)(PADL)

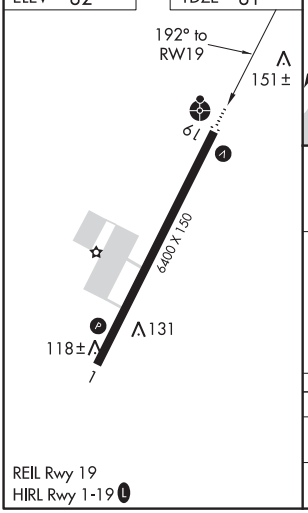
Inop table does not apply to Cats A/B. Inop table does not apply when using Manokotok altimeter setting. Circling NA east of Rwy 1-19. Rwy 19 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA. VDP NA when using Manokotok altimeter setting. When local altimeter setting not received, use Manokotok altimeter setting and increase all MDA 40 feet and increase LNAV Cat C/D visibility ⅛ SM.
For inop ALS, increase LNAV Cat C/D visibility to 1⅜ mile.

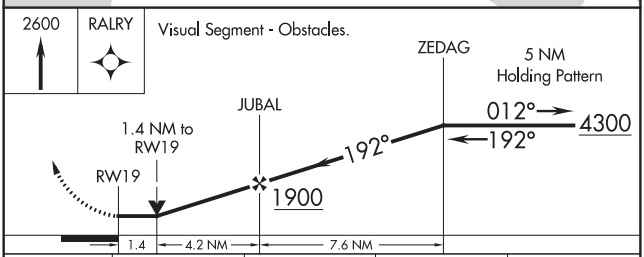
ODALS

MISSED APPROACH: Climb to 2600 direct RALRY and hold.

AFIS ★	ANCHORAGE CENTER	DILLINGHAM RADIO
125.0	132.75 282.35	123.6 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	560-1 479 (500-1)		560-1¼ 479 (500-1¼)	
C CIRCLING	600-1 518 (600-1)		700-1¾ 618 (700-1¾)	780-2¼ 698 (700-2¼)

REIL Rwy 19
HIRL Rwy 1-19 L

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AK, 05 NOV 2020 to 31 DEC 2020

LOC/DME I-DLG 111.9 Chan 56	APP CRS 192°	Rwy ldg 6400 TDZE 81 Apt Elev 82

LOC RWY 19

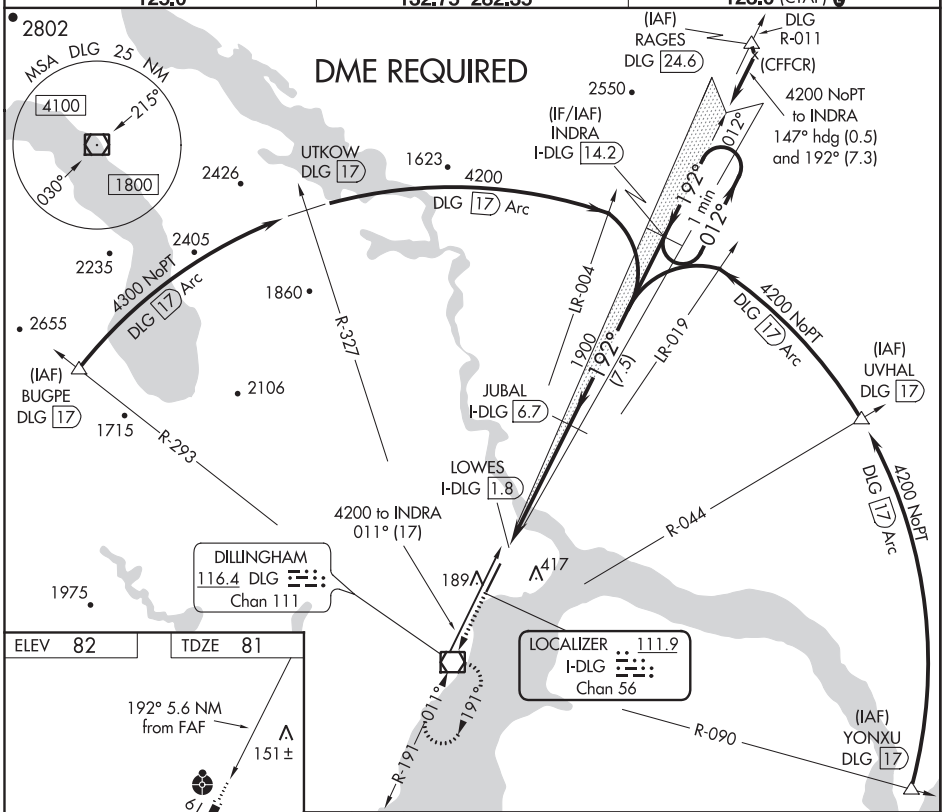
DILLINGHAM (DLG)(PADL)

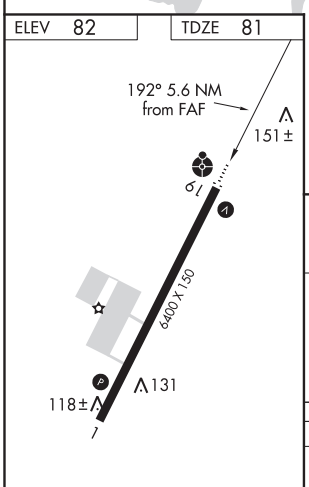
Inop table does not apply to S-LOC 19 Cats A/B. Inop table does not apply to when using Manokotak altimeter setting. For inop ALS, increase S-LOC 19 Cat C/D visibility to 1⅜ . Circling NA east of Rwy 1-19. Helicopter visibility reduction below ¾ SM NA. DME required. VDP NA with Manokotak altimeter setting. When local altimeter not received, use Manokotak altimeter setting and increase all MDA 40 feet; increase S-LOC 19 Cats C/D visibility ⅛ SM and Circling Cat C visibility ¼ SM.

ODALS

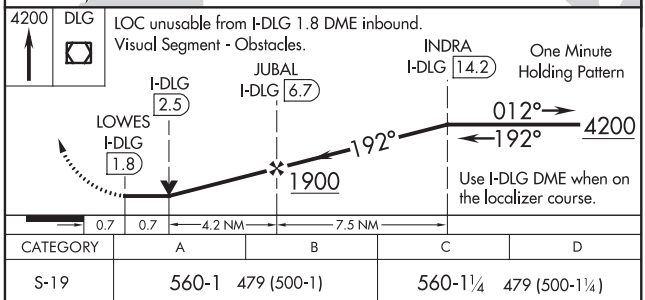
MISSED APPROACH: Climb to 4200 direct DLG VOR/DME and hold, continue climb-in-hold to 4200.

AFIS★	ANCHORAGE CENTER	DILLINGHAM RADIO
125.0	132.75 282.35	123.6 (CTAF) L





REIL Rwy 19
HIRL Rwy 1-19 L



CATEGORY	A	B	C	D
S-19	560-1 479 (500-1)		560-1¼ 479 (500-1¼)	
C CIRCLING	600-1 518 (600-1)		700-1½ 618 (700-1½)	780-2¼ 698 (700-2¼)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

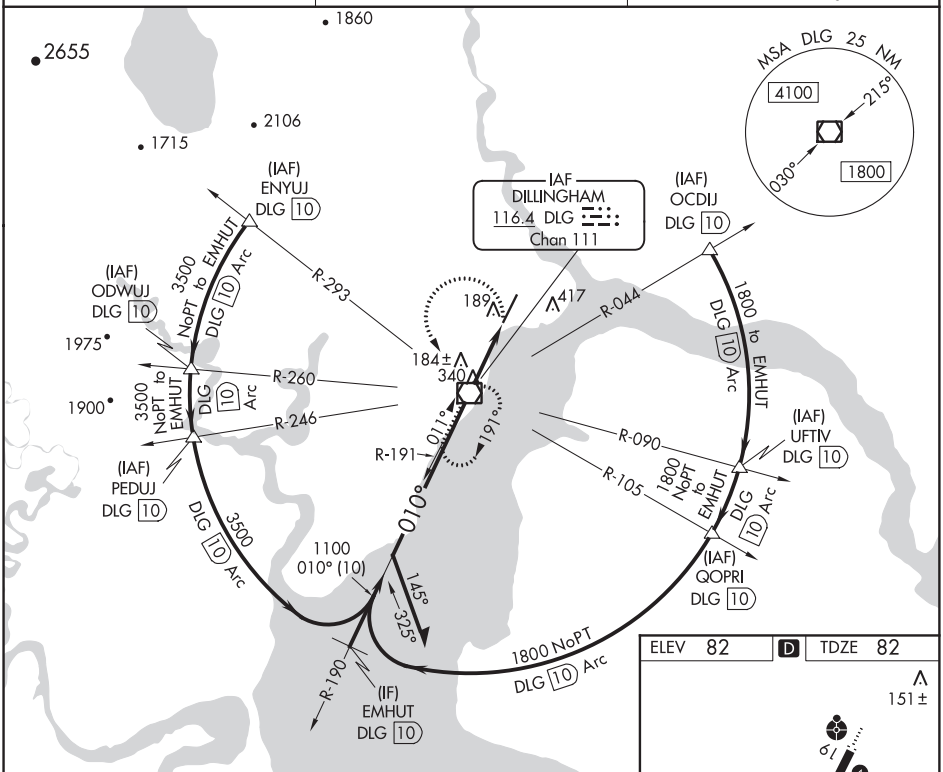
VOR/DME DLG 116.4 Chan 111	APP CRS 010°	Rwy ldg 6400 TDZE 82 Apt Elev 82

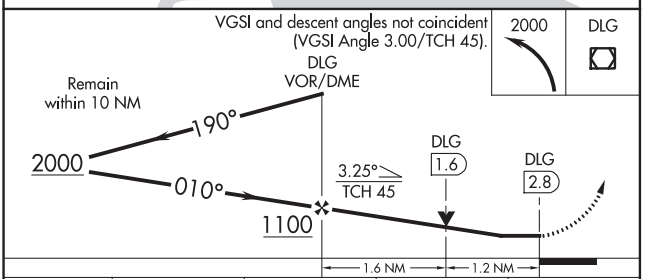
VOR RWY 1
DILLINGHAM (DLG)(PADL)

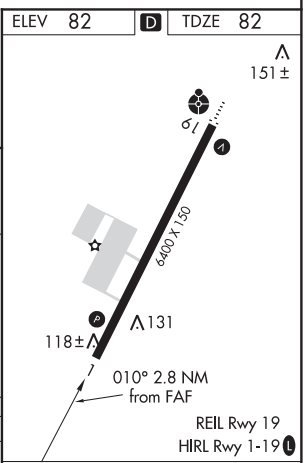
Rwy 1 helicopter visibility reduction below ¾ SM NA. Circling NA east of Rwy 1-19.

MISSED APPROACH: Climbing left turn to 2000 direct DLG VOR/DME and hold, continue climb-in-hold to 2000.

AFIS ★	ANCHORAGE CENTER	DILLINGHAM RADIO
125.0	132.75 282.35	123.6 (CTAF) L







CATEGORY	A	B	C	D
S-1	500-1 418 (500-1)		500-1¼ 418 (500-1¼)	
C CIRCLING	600-1 518 (600-1)		700-1¾ 618 (700-1¾)	780-2¼ 698 (700-2¼)

FAF to MAP 2.8 NM

Knots	60	90	120	150	180
Min:Sec	2:48	1:52	1:24	1:07	0:56

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

EAGLE, ALASKA | AL-10967 (FAA) | 20310

RNAV (GPS)-A
EAGLE (EAA) (PAEG)

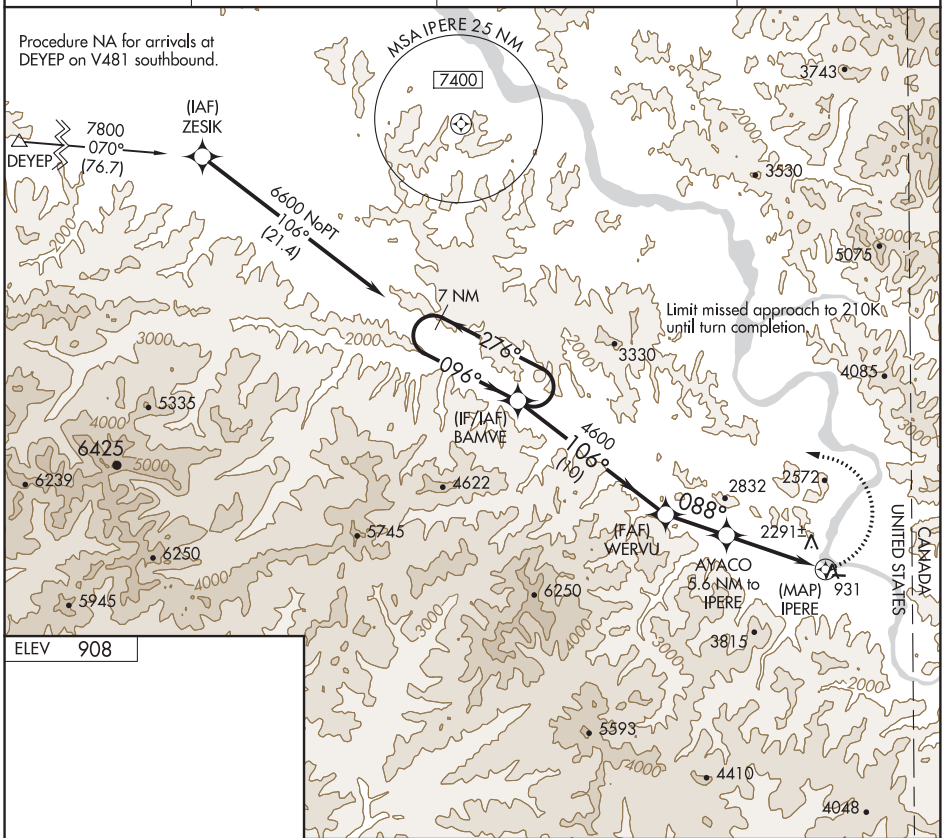
APP CRS	Rwy ldg	N/A
088°	TDZE	N/A
	Apt Elev	908

When local altimeter setting not received, procedure NA. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM not authorized. Procedure NA at night. Circling NA north of Rwy 7-25.

-49°C

MISSED APPROACH: Climbing left turn to 6600 direct BAMVE and hold, continue climb-in-hold to 6600.

ASOS	ANCHORAGE CENTER	NORTHWAY RADIO	UNICOM
135.55	135.3 322.5	122.3	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	2720-1¼ 1812 (1900-1¼)	2720-1½ 1812 (1900-1½)	2720-3 1812 (1900-3)	NA

MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

EAGLE, ALASKA
Orig 29MAY14

64°47′N-141°09′W

EAGLE (EAA) (PAEG)
RNAV (GPS)-A

SHEMYA I., ALEUTIAN I., ALASKA

ILS or LOC/DME RWY 28

LOC I-SYA	APCH CRS	Rwy ldg 10,004 TDZE 88 Arpt Elev 98
110.1	287°	

AL-1246 [USAF]

EARECKSON AS (PASY)

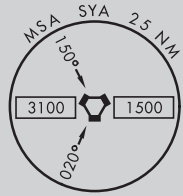
* When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1⅛ miles.
** Circling Not Authorized in area N of Rwy 10-28.

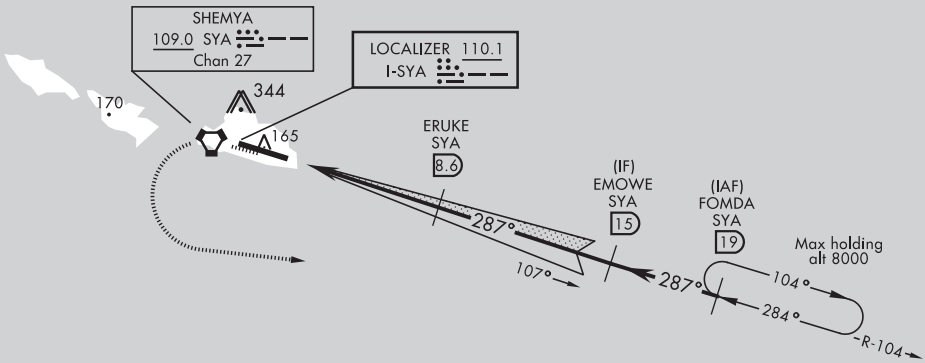
SALS A2

MISSED APPROACH: Climb to 600, then climbing left turn to 3000, intercept SYA R-104 direct FOMDA and hold.

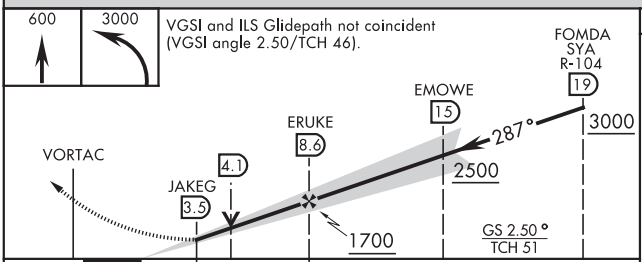
ANCHORAGE CENTER	CTAF	ASOS
119.1 339.8	127.2 L 352.05 L	135.65

CAUTION: Numerous obstructions in area N of Rwy 10-28.

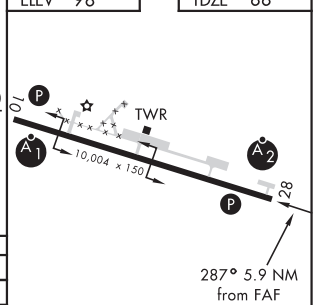




EMERG SAFE ALT 100 NM 5200



ELEV 98 TDZE 88



CATEGORY	A	B	C	D	E
S-ILS 28	288-¾ 200 (200-¾)				
S-LOC 28 *	500-¾ 412 (500-¾)		500-1 412 (500-1)		
C CIRCLING **	500-1 402 (500-1)	560-1 462 (500-1)	560-1½ 462 (500-1½)	660-2 562 (600-2)	

HIRL Rwy 10-28 L
REIL Rwy 10-28

SHEMYA I., ALEUTIAN I., ALASKA 52°43′N-174°07′E EARECKSON AS (PASY)

Amdt 5 07DEC17

ILS or LOC/DME RWY 28

AK, 05 NOV 2020 to 31 DEC 2020

19283

SHEMYA I., ALEUTIAN I., ALASKA

VOR/DME or TACAN RWY 10

VORTAC SYA 109.0 Chan 27	APCH CRS 092°	Rwy ldg 10,004 TDZE 98 Arpt Elev 98

AL-1246 [USAF]

EARECKSON AS (PASY)

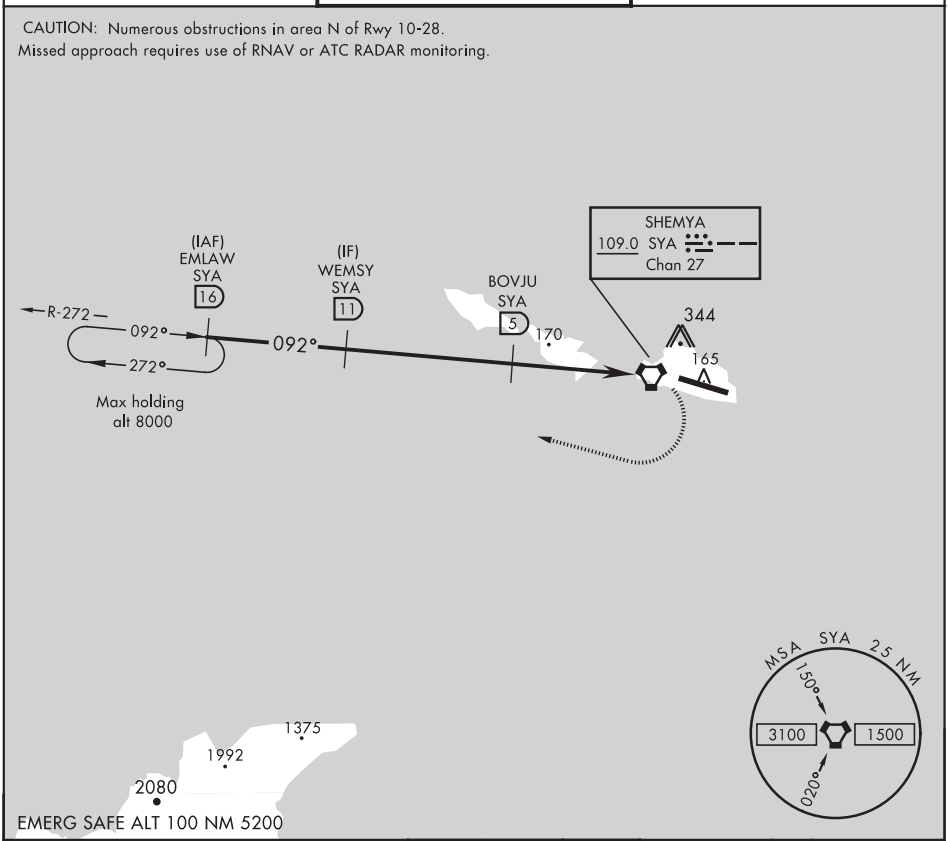
* When ALS inop, increase vis to 1½ miles.
** Circling Not Authorized in area N of Rwy 10-28.

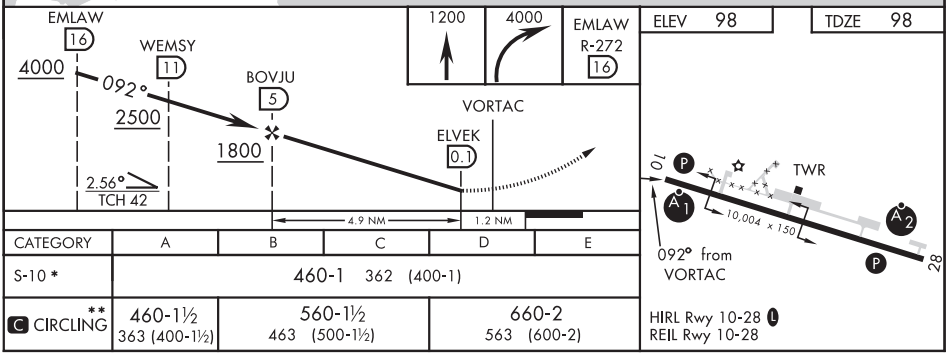
ALSF-1

MISSED APPROACH: Climb to 1200, then climbing right turn to 4000, intercept SYA R-272 direct EMLAW and hold.

ANCHORAGE CENTER	CTAF	ASOS
119.1 339.8	127.2 L 352.05 L	135.65

CAUTION: Numerous obstructions in area N of Rwy 10-28.
Missed approach requires use of RNAV or ATC RADAR monitoring.





CATEGORY	A	B	C	D	E
S-10 *	460-1 362 (400-1)				
C CIRCLING **	460-1½ 363 (400-1½)	560-1½ 463 (500-1½)		660-2 563 (600-2)	

HIRL Rwy 10-28 L
REIL Rwy 10-28

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

SHEMYA I., ALEUTIAN I., ALASKA

VOR/DME or TACAN RWY 28

VORTAC SYA	APCH CRS	Rwy ldg 10,004
109.0 Chan 27	280°	TDZE 88
		Arpt Elev 98

AL-1246 [USAF]

EARECKSON AS (PASY)

* When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1½ miles

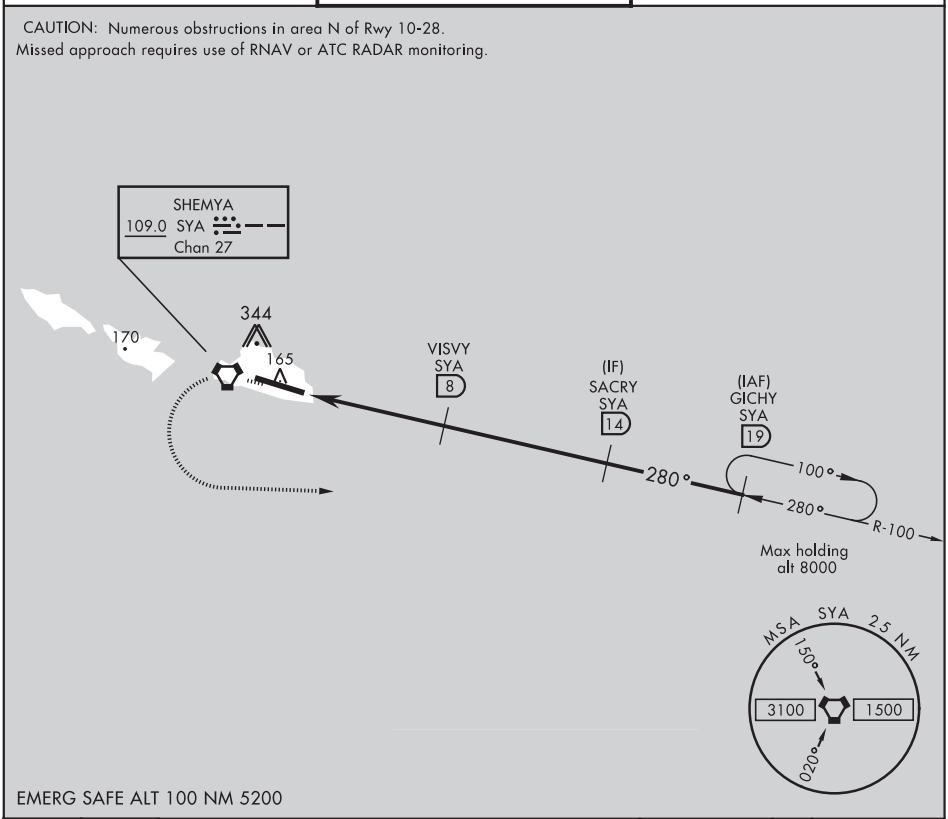
** Circling Not Authorized in area N of Rwy 10-28.

SALS A2

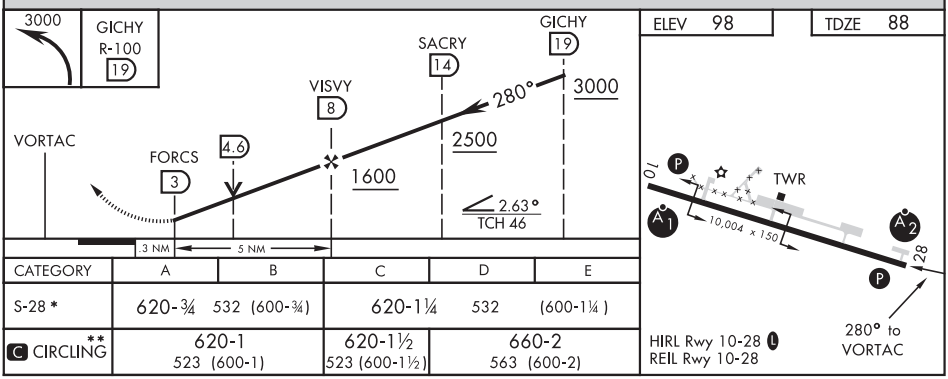
MISSED APPROACH: Climbing left turn to 3000, intercept SYA R-100 direct GICHY and hold.

ANCHORAGE CENTER	CTAF	ASOS
119.1 339.8	127.2 L 352.05 L	135.65

CAUTION: Numerous obstructions in area N of Rwy 10-28.
Missed approach requires use of RNAV or ATC RADAR monitoring.



EMERG SAFE ALT 100 NM 5200



CATEGORY	A	B	C	D	E
S-28 *	620-¾ 532 (600-¾)		620-1¼ 532 (600-1¼)		
C CIRCLING **	620-1 523 (600-1)		620-1½ 523 (600-1½)	660-2 563 (600-2)	

SHEMYA I., ALEUTIAN I., ALASKA 52°43′N-174°07′E EARECKSON AS (PASY)

Amdt 5 10OCT19

VOR/DME or TACAN RWY 28

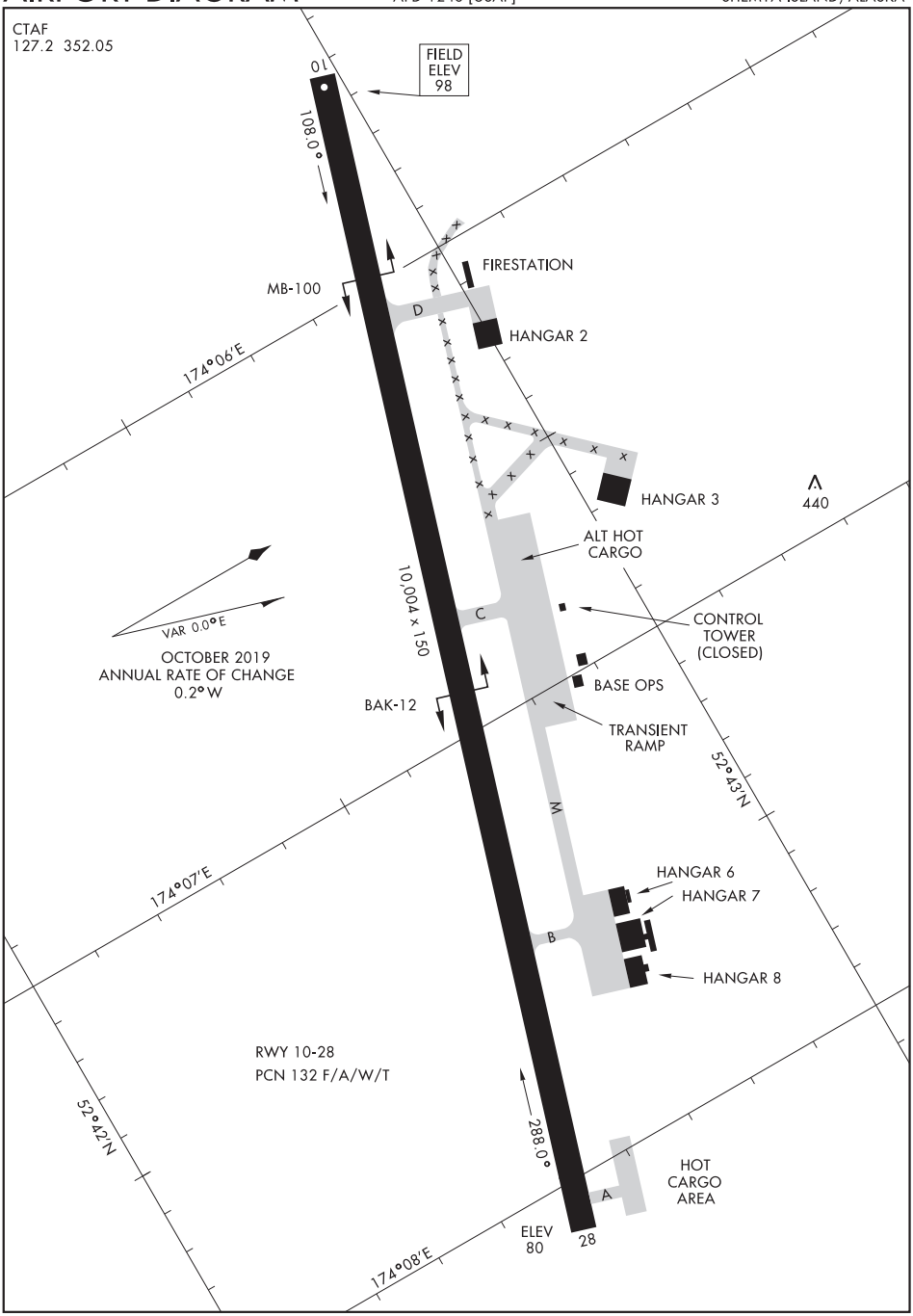
AK, 05 NOV 2020 to 31 DEC 2020

19283

AIRPORT DIAGRAM

AFD-1246 [USAF]

EARECKSON AS (PASY)
SHEMYA ISLAND, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AIRPORT DIAGRAM

SHEMYA ISLAND, ALASKA
EARECKSON AS (PASY)

APP CRS	Rwy ldg	3242
178°	TDZE	27
	Apt Elev	27

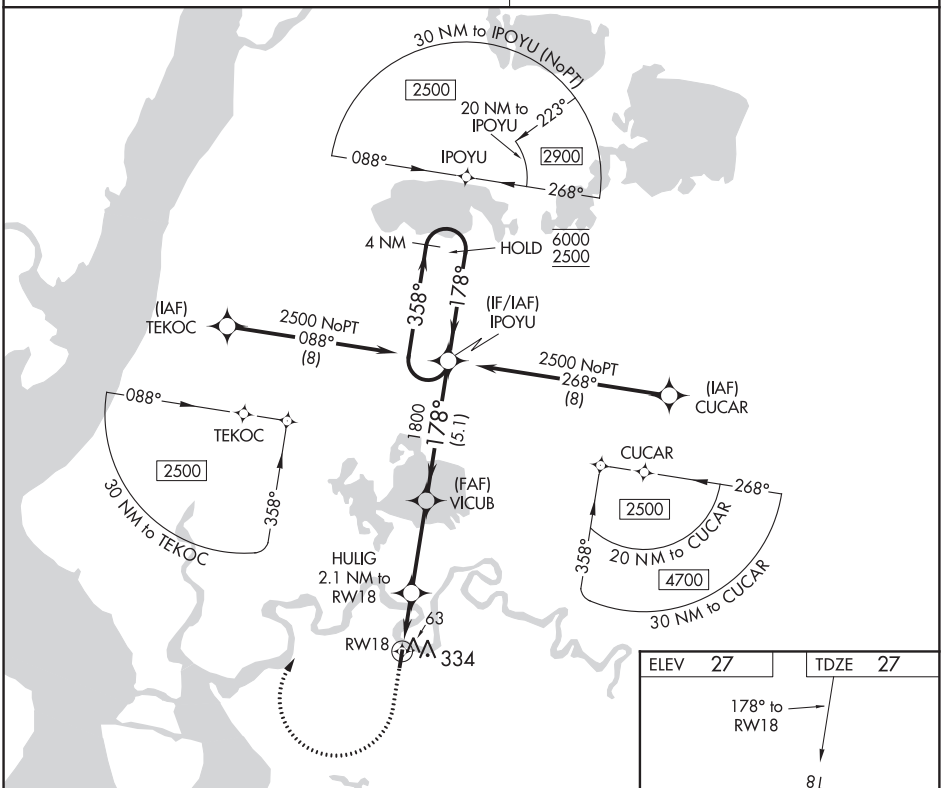
RNAV (GPS) RWY 18
EEK (EEK) (PAEE)

RNP APCH.

T A NA Use Bethel altimeter setting, when not received procedure NA.

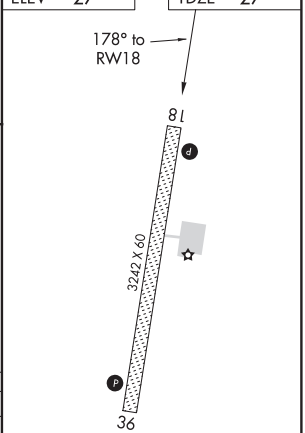
MISSED APPROACH: Climb to 600 then climbing right turn to 2500 direct IPOYU and hold.

ANCHORAGE CENTER	CTAF
125.2 372.0	122.8 L



ELEV	27	TDZE	27

178° to RW18

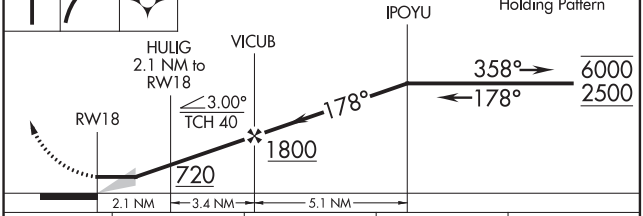


MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

600 | 2500 | IPOYU

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 24).

4 NM Holding Pattern



CATEGORY	A	B	C	D
LNAV MDA	420-1 393 (400-1)		NA	
C CIRCLING	740-1 713 (800-1)		NA	

AK, 05 NOV 2020 to 31 DEC 2020

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EEK, ALASKA

AL-10065 (FAA)

19283

RNAV (GPS) RWY 36
EEK (EEK) (PAEE)

APP CRS	Rwy ldg	3242
358°	TDZE	27
	Apt Elev	27

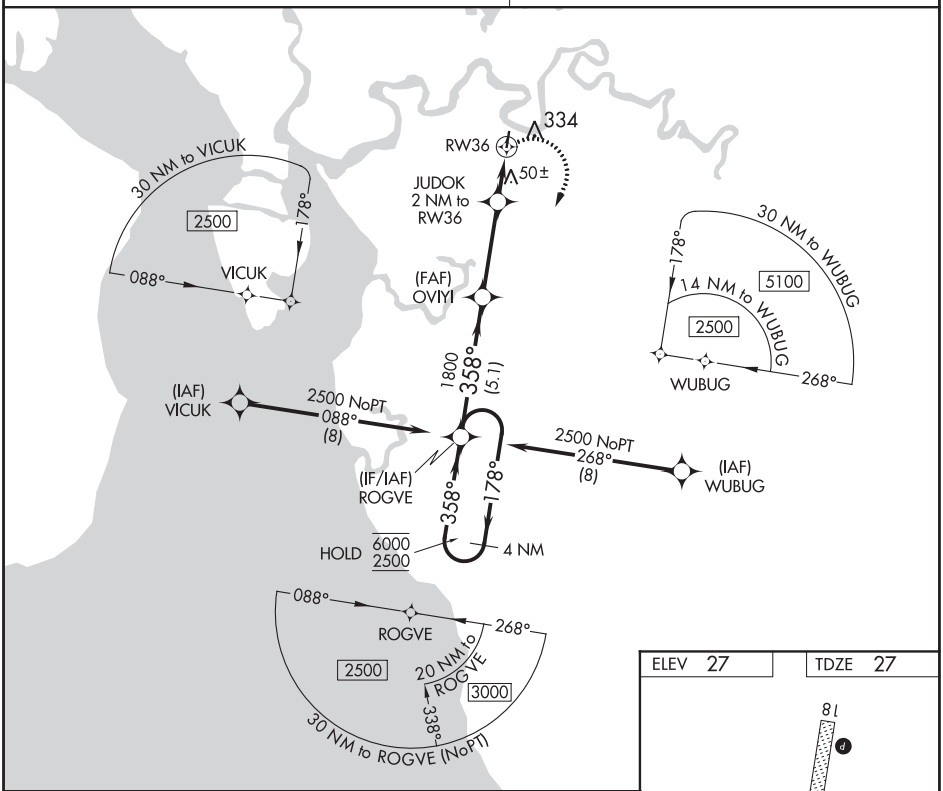
RNP APCH.

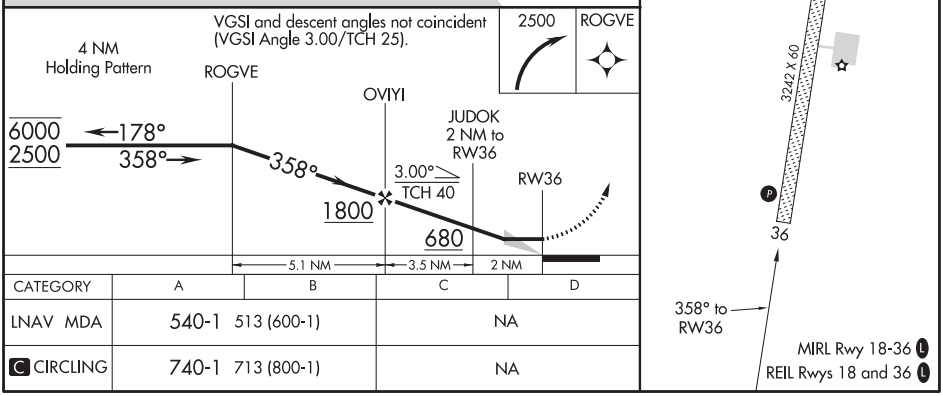
NA

Use Bethel altimeter setting, when not received procedure NA.

MISSED APPROACH: Climbing right turn to 2500 direct ROGVE and hold.

ANCHORAGE CENTER	CTAF
125.2 372.0	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	540-1 513 (600-1)		NA	
C CIRCLING	740-1 713 (800-1)		NA	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	5600
127°	TDZE	84
	Apt Elev	92

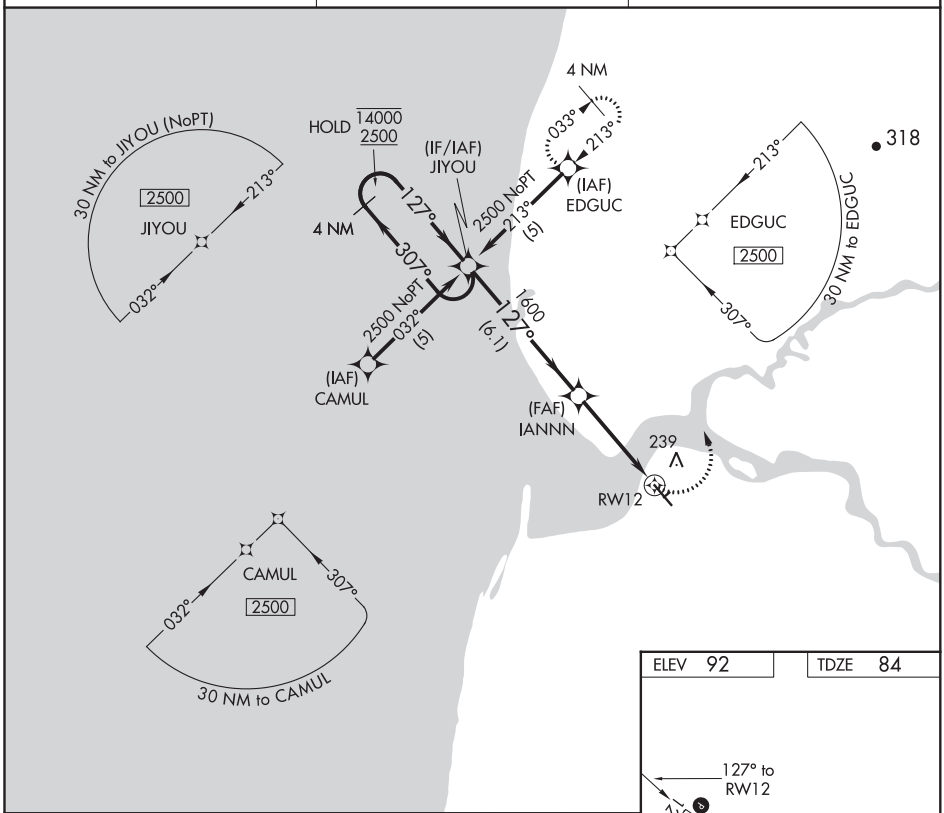
RNAV (GPS) RWY 12
EGEGIK (EII) (PAII)

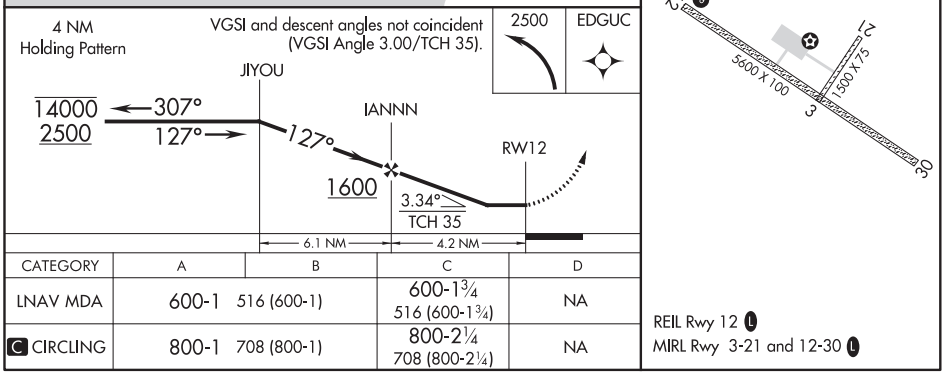
RNP APCH.

Rwy 12 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing left turn to 2500 direct EDGUC and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
135.65	124.8 354.0	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	600-1 516 (600-1)		600-1¾ 516 (600-1¾)	NA
C CIRCLING	800-1 708 (800-1)		800-2¼ 708 (800-2¼)	NA

REIL Rwy 12 L
MIRL Rwy 3-21 and 12-30 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

EGEGIK, ALASKA | AL-9471 (FAA) | 19339

APP CRS	Rwy ldg	5600
307°	TDZE	92
	Apt Elev	92

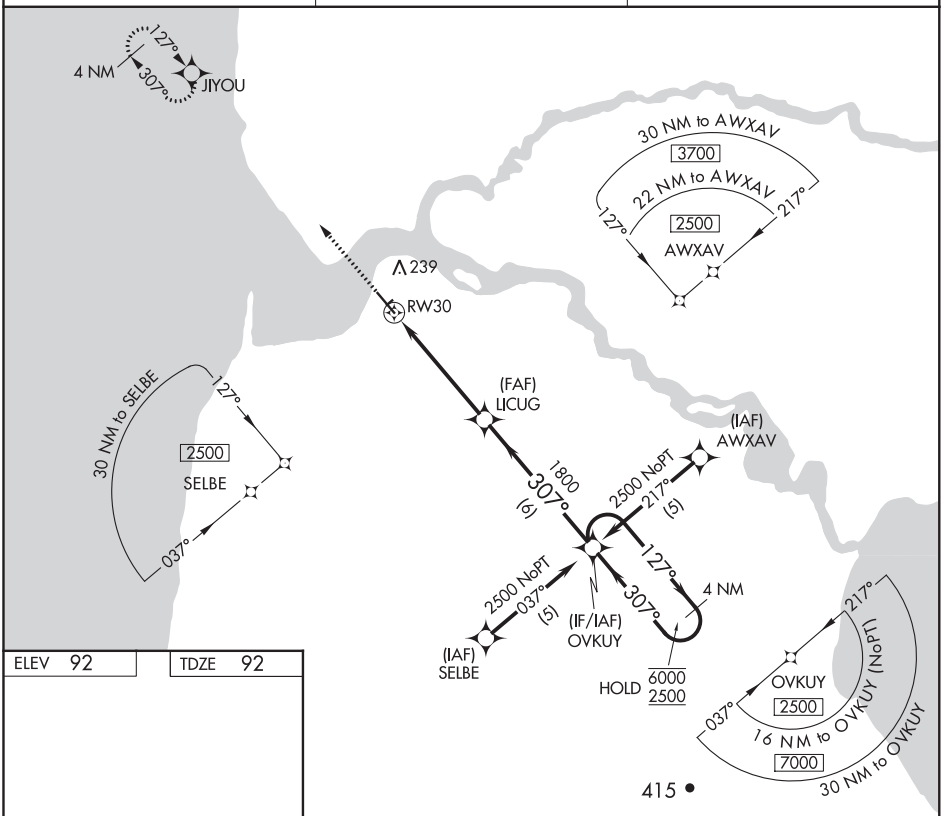
RNAV (GPS) RWY 30
EGEGIK (EII) (PAII)

RNP APCH.

Rwy 30 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2500 direct JIYOU and hold.

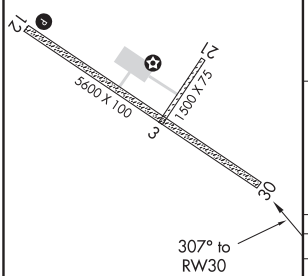
AWOS-3P	ANCHORAGE CENTER	CTAF
135.65	124.8 354.0	122.8 L



AK, 05 NOV 2020 to 31 DEC 2020

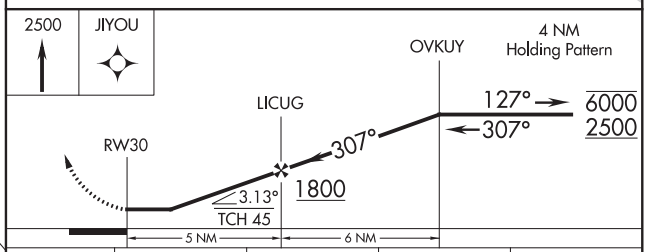
AK, 05 NOV 2020 to 31 DEC 2020

ELEV 92 | TDZE 92



REIL Rwy 12 L

MIRL Rwy 3-21 and 12-30 L



CATEGORY	A	B	C	D
LNAV MDA	700-1 608 (700-1)		700-1¾ 608 (700-1¾)	NA
C CIRCLING	800-1 708 (800-1)		800-2¼ 708 (800-2¼)	NA

FAIRBANKS, ALASKA

ILS or LOC/DME RWY 14

LOC I-EIL	APCH CRS	Rwy ldg 14,530 TDZE 537 Arpt Elev 548
110.5	140°	

AL-1729 [USAF]

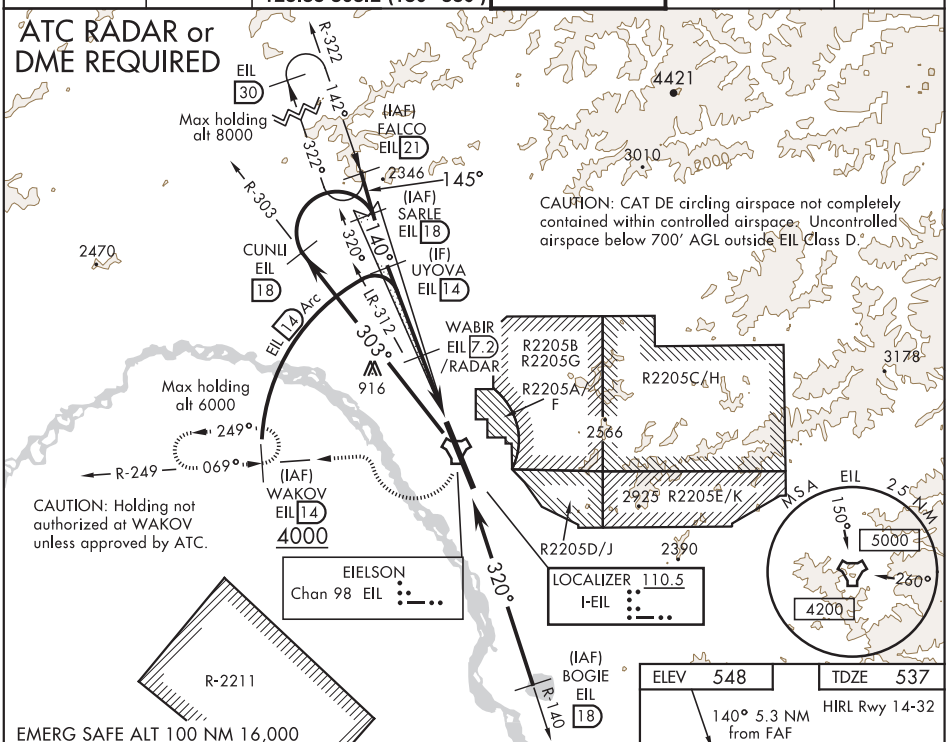
EIELSON AFB (PAEI)

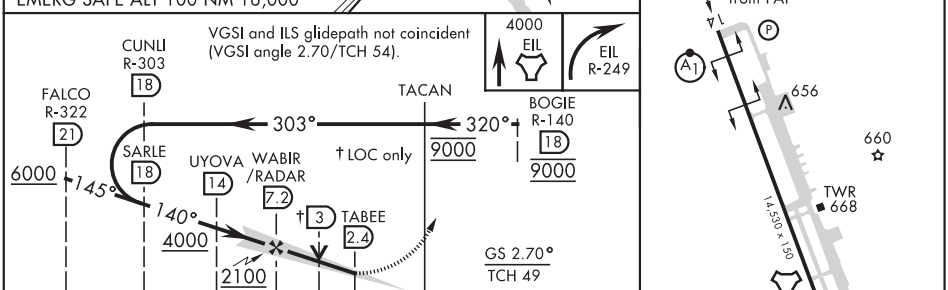
* When ALS inop, increase RVR to 40, and vis to ¾ mile.
** When ALS inop, increase RVR to 55, and vis to 1 mile.
*** Circling not authorized E of Rwy 14-32.

ALSF-1 (A1)

MISSED APPROACH: Climb to 4000 direct EIL TACAN, continue climbing right turn to intercept EIL R-249 to WAKOV and hold. Continue climb-in-hold to 4000.

ATIS ★	ASOS	FAIRBANKS APP CON	EIELSON TOWER ★	GND CON	CLNC DEL
119.9 273.5	118.525	127.1 251.1 (360°-179°) 125.35 363.2 (180°-359°)	127.2 352.05	121.8 275.8	343.7





CATEGORY	A	B	C	D	E
S-ILS 14*	737/24 200 (200-½)				
S-LOC 14**	900/24 363 (400-½)		900/35 363 (400-⅝)		
C CIRCLING***	1000-1 452 (500-1)	1060-1 512 (600-1)	1100-1½ 552 (600-1½)	1260-2¼ 712 (800-2¼)	1260-2½ 712 (800-2½)

FAIRBANKS, ALASKA 64°40'N-147°06'W EIELSON AFB (PAEI)

Amdt 6 05DEC19
TERPS

ILS or LOC/DME RWY 14

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

20030

FAIRBANKS, ALASKA

ILS or LOC/DME RWY 32

LOC I-EAF	APCH CRS	Rwy ldg 14,530 TDZE 548 Arpt Elev 548
109.9	320°	

AL-1729 [USAF]

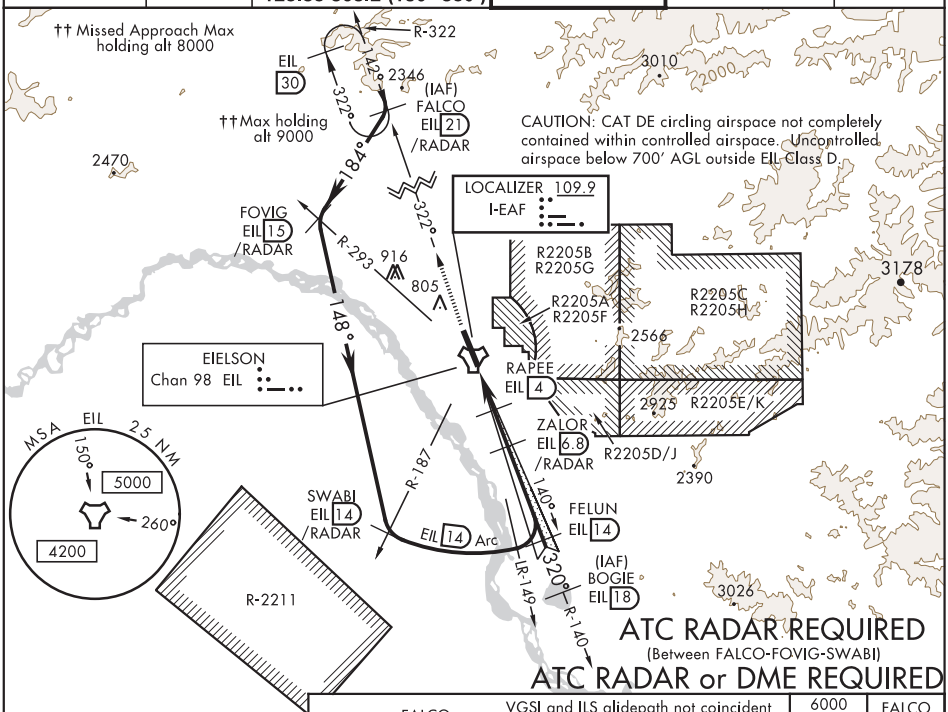
EIELSON AFB (PAEI)

* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile; CAT CDE RVR to 60 and vis to 1⅛ mile.
*** Circling not authorized E of Rwy 14-32.

ALSF-1

MISSED APPROACH: Climb to 6000 on EIL TACAN R-322 to FALCO and hold. Continue climb-in-hold to 6000.

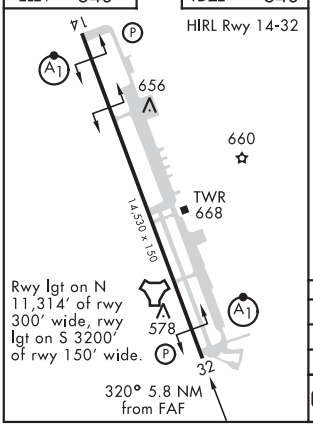
ATIS ★	ASOS	FAIRBANKS APP CON	EIELSON TOWER ★	GND CON	CLNC DEL
119.9 273.5	118.525	127.1 251.1 (360°-179°) 125.35 363.2 (180°-359°)	127.2 352.05	121.8 275.8	343.7

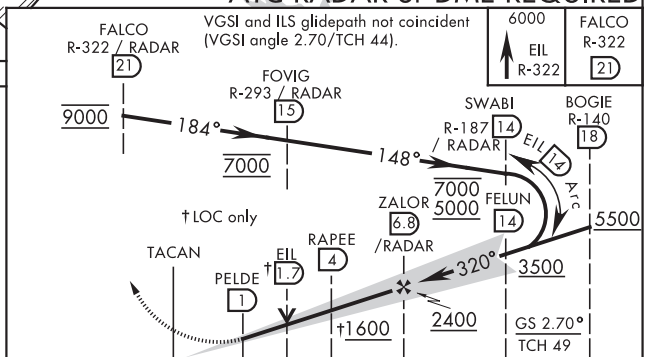


EMERG SAFE ALT 100 NM 16,000

ELEV 548	TDZE 548

HIRL Rwy 14-32





CATEGORY	A	B	C	D	E
S-ILS 32*	748/24 200 (200-½)				
S-LOC 32**	940/24 392 (400-½)		940/35 392 (400-⅝)		
C CIRCLING***	1000-1 452 (500-1)	1060-1 512 (600-1)	1100-1½ 552 (600-1½)	1260-2¼ 712 (800-2¼)	1260-2½ 712 (800-2½)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

FAIRBANKS, ALASKA 64° 40'N-147° 06'W EIELSON AFB (PAEI)

Amdt 6 05DEC19
TERPS

ILS or LOC/DME RWY 32

FAIRBANKS, ALASKA

RNAV (GPS) RWY 14

APCH CRS 140°	Rwy ldg 14,530 TDZE 537 Arpt Elev 548

AL-1729 (USAF)

EIELSON AFB (PAEI)

* When ALS inop, increase RVR to 55 and vis to 1 mile.
** Circling not authorized E Rwy 14-32.

ALSF-1

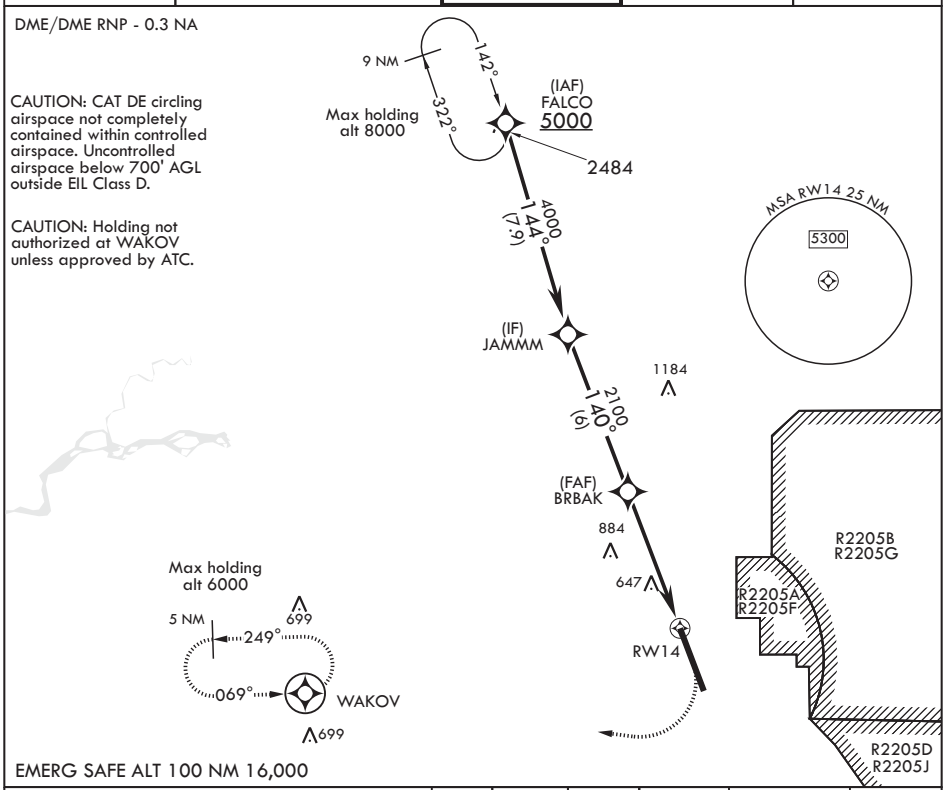
MISSED APPROACH: Climb to 1000 then climbing right turn to 4000 direct WAKOV and hold, continue climb-in-hold to 4000.

ATIS★	FAIRBANKS APP CON	TOWER★	GND CON	CLNC DEL
119.9 273.5	125.35 363.2 180°-359° 127.1 251.1 360°-179°	127.2 352.05	121.8 275.8	343.7

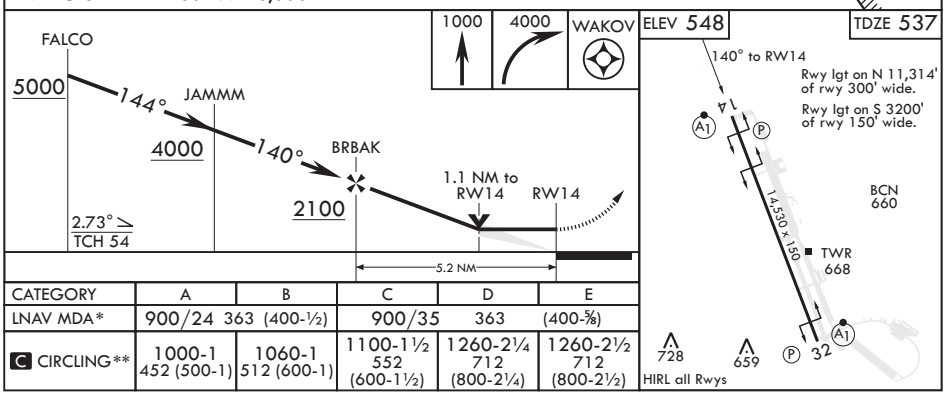
DME/DME RNP - 0.3 NA

CAUTION: CAT DE circling airspace not completely contained within controlled airspace. Uncontrolled airspace below 700' AGL outside EIL Class D.

CAUTION: Holding not authorized at WAKOV unless approved by ATC.



EMERG SAFE ALT 100 NM 16,000



CATEGORY	A	B	C	D	E
LNAV MDA*	900/24 363 (400-½)		900/35 363 (400-⅝)		
C CIRCLING**	1000-1 452 (500-1)	1060-1 512 (600-1)	1100-1½ 552 (600-1½)	1260-2¼ 712 (800-2¼)	1260-2½ 712 (800-2½)

AK, 05 NOV 2020 to 31 DEC 2020

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20030

FAIRBANKS, ALASKA

RNAV (GPS) RWY 32

APCH CRS	Rwy ldg	14,530
320°	TDZE	548
	Arpt Elev	548

AL-1729 (USAF)

EIELSON AFB (PAEI)

* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE RVR to 60 and vis to 1 1/8 miles.
** Circling not authorized E Rwy 14-32.

ALSF-1

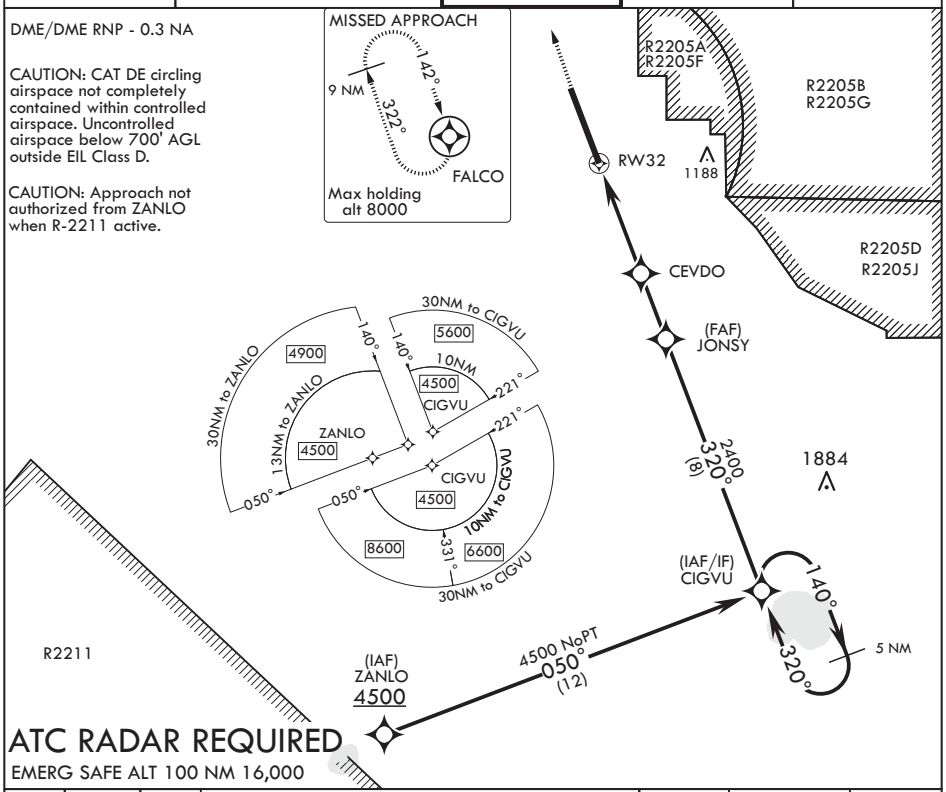
MISSED APPROACH: Climb to 1000, then climbing right turn to 6000 direct FALCO and hold, continue climb-in-hold to 6000.

ATIS★	FAIRBANKS APP CON	TOWER★	GND CON	CLNC DEL
119.9 273.5	125.35 363.2 180°-359° 127.1 251.1 360°-179°	127.2 352.05	121.8 275.8	343.7

DME/DME RNP - 0.3 NA

CAUTION: CAT DE circling airspace not completely contained within controlled airspace. Uncontrolled airspace below 700' AGL outside EIL Class D.

CAUTION: Approach not authorized from ZANLO when R-2211 active.

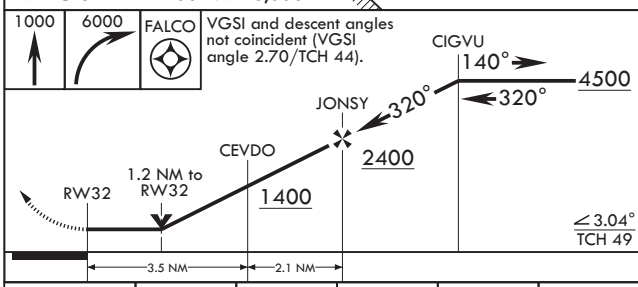


ATC RADAR REQUIRED

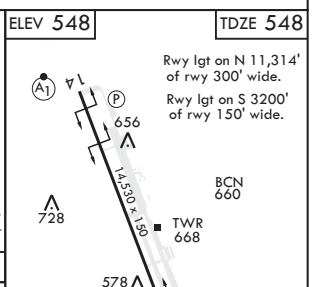
EMERG SAFE ALT 100 NM 16,000

1000 6000 FALCO

VGSI and descent angles not coincident (VGSI angle 2.70/TCH 44).



ELEV 548 TDZE 548



CATEGORY	A	B	C	D	E
LNAV MDA*	940/24 392 (400-½)		940/35	392	(400-⅝)
C CIRCLING**	1000-1 452 (500-1)	1060-1 512 (600-1)	1100-1½ 552 (600-1½)	1260-2¼ 712 (800-2¼)	1260-2½ 712 (800-2½)

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FAIRBANKS, ALASKA

64°40'N - 147°06'W

EIELSON AFB (PAEI)

Amdt 4 08NOV18
TERPS

RNAV (GPS) RWY 32

FAIRBANKS, ALASKA

TACAN RWY 14

TACAN EIL Chan 98	APCH CRS 142°	Rwy ldg 14,530 TDZE 537 Arpt Elev 548

AL-1729 [USAF]

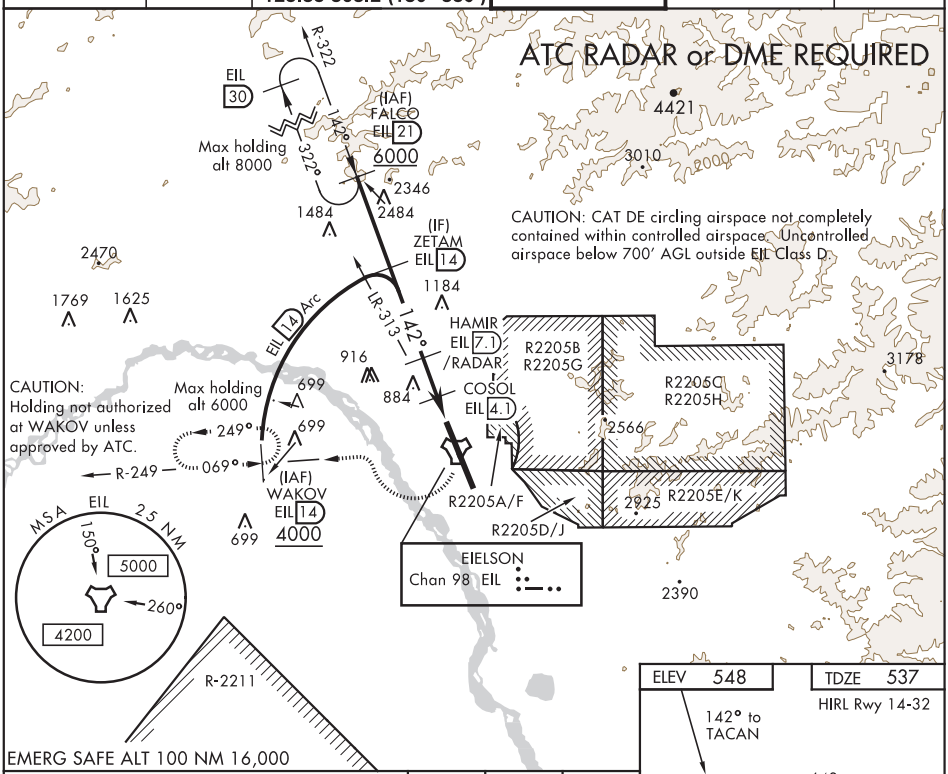
EIELSON AFB (PAEI)

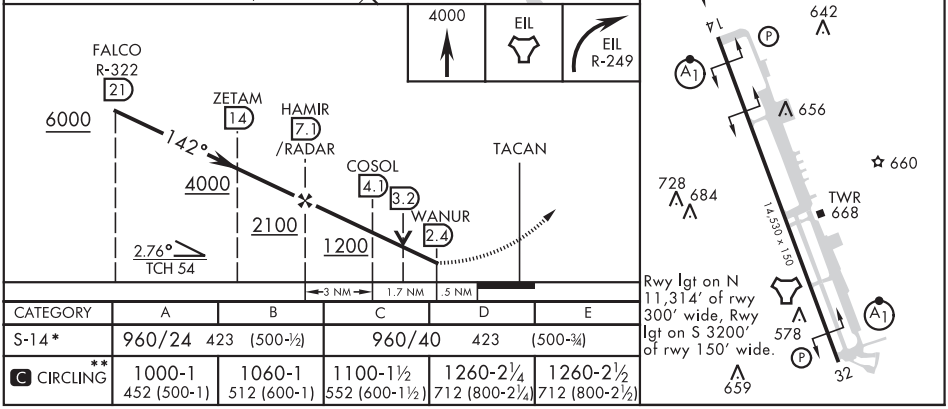
T * When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1¼ miles.
** Circling not authorized E of Rwy 14-32.

ALSF-1

MISSED APPROACH: Climb to 4000 direct EIL TACAN, continue climbing right turn to intercept EIL TACAN R-249 to WAKOV and hold. Continue climb-in hold to 4000.

ATIS ★	ASOS	FAIRBANKS APP CON	EIELSON TOWER ★	GND CON	CLNC DEL
119.9 273.5	118.525	127.1 251.1 (360°-179°) 125.35 363.2 (180°-359°)	127.2 352.05	121.8 275.8	343.7





CATEGORY	A	B	C	D	E
S-14*	960/24 423 (500-½)		960/40 423 (500-¾)		
C CIRCLING **	1000-1 452 (500-1)	1060-1 512 (600-1)	1100-1½ 552 (600-1½)	1260-2¼ 712 (800-2¼)	1260-2½ 712 (800-2½)

FAIRBANKS, ALASKA 64°40'N-147°06'W EIELSON AFB (PAEI)

Amdt 7 05DEC19
TERPS

TACAN RWY 14

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

FAIRBANKS, ALASKA

TACAN RWY 32

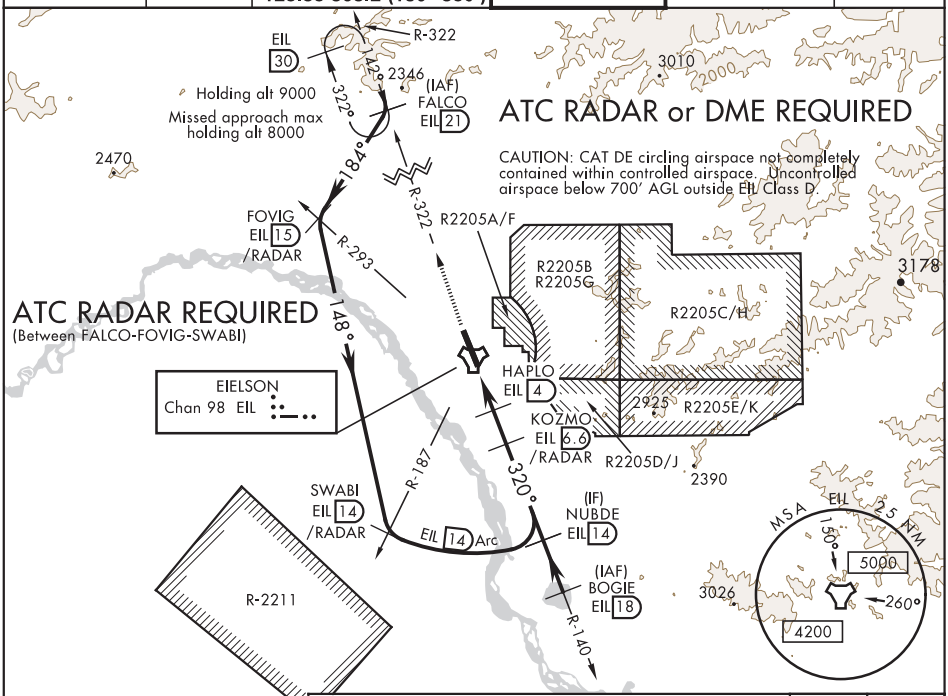
TACAN EIL Chan 98	APCH CRS 320°	Rwy ldg 14,530 TDZE 548 Arpt Elev 548	AL-1729 [USAF]	EIELSON AFB (PAEI)

T * When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE RVR to 60 and vis to 1⅛ miles.
** Circling not authorized E of Rwy 14-32.

ALSF-1

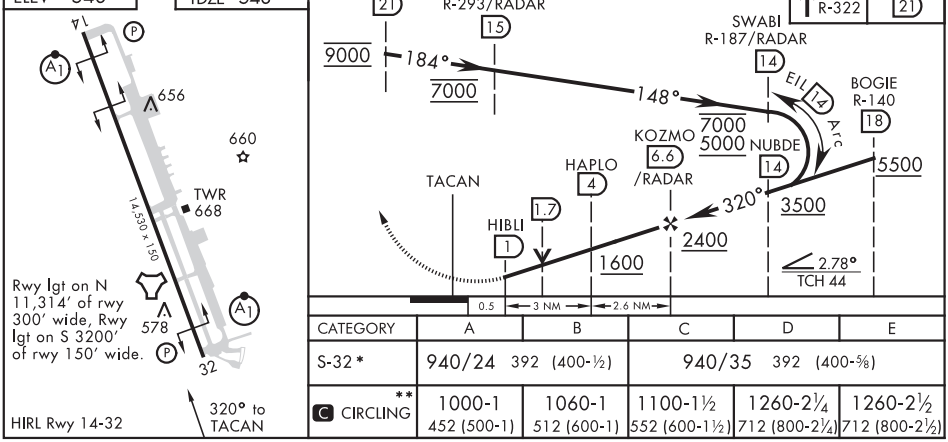
MISSED APPROACH: Climb to 6000 on EIL TACAN R-322 to FALCO and hold, Continue climb-in-hold to 6000.

ATIS ★	ASOS	FAIRBANKS APP CON	EIELSON TOWER ★	GND CON	CLNC DEL
119.9 273.5	118.525	127.1 251.1 (360°-179°) 125.35 363.2 (180°-359°)	127.2 352.05	121.8 275.8	343.7



EMERG SAFE ALT 100 NM 16,000

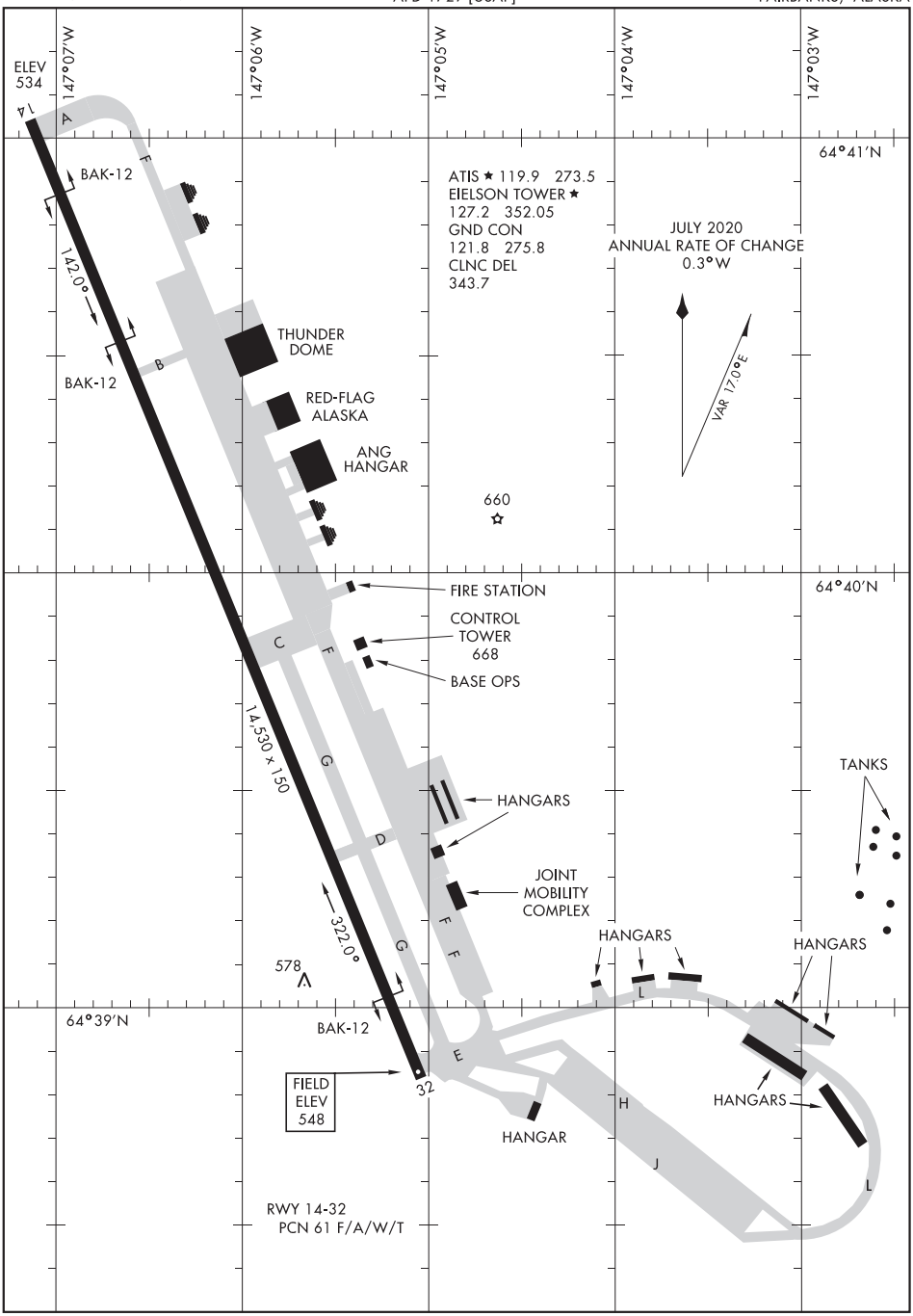
ELEV 548	TDZE 548



CATEGORY	A	B	C	D	E
S-32 *	940/24 392 (400-½)		940/35 392 (400-⅝)		
** C CIRCLING	1000-1 452 (500-1)	1060-1 512 (600-1)	1100-1½ 552 (600-1½)	1260-2¼ 712 (800-2¼)	1260-2½ 712 (800-2½)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020



AK, 05 NOV 2020 to 31 DEC 2020

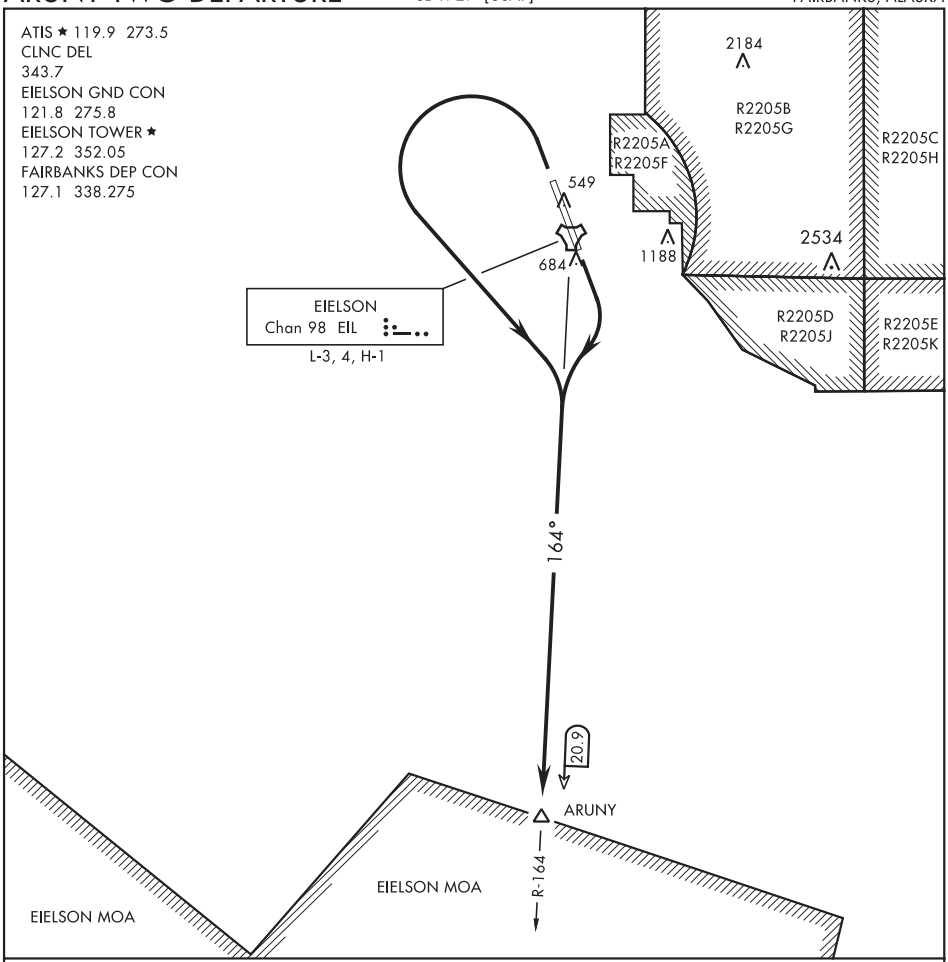
AK, 05 NOV 2020 to 31 DEC 2020

Orig 20030 (PAEI)

ARUNY TWO DEPARTURE

SL-1729 [USAF]

FAIRBANKS, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

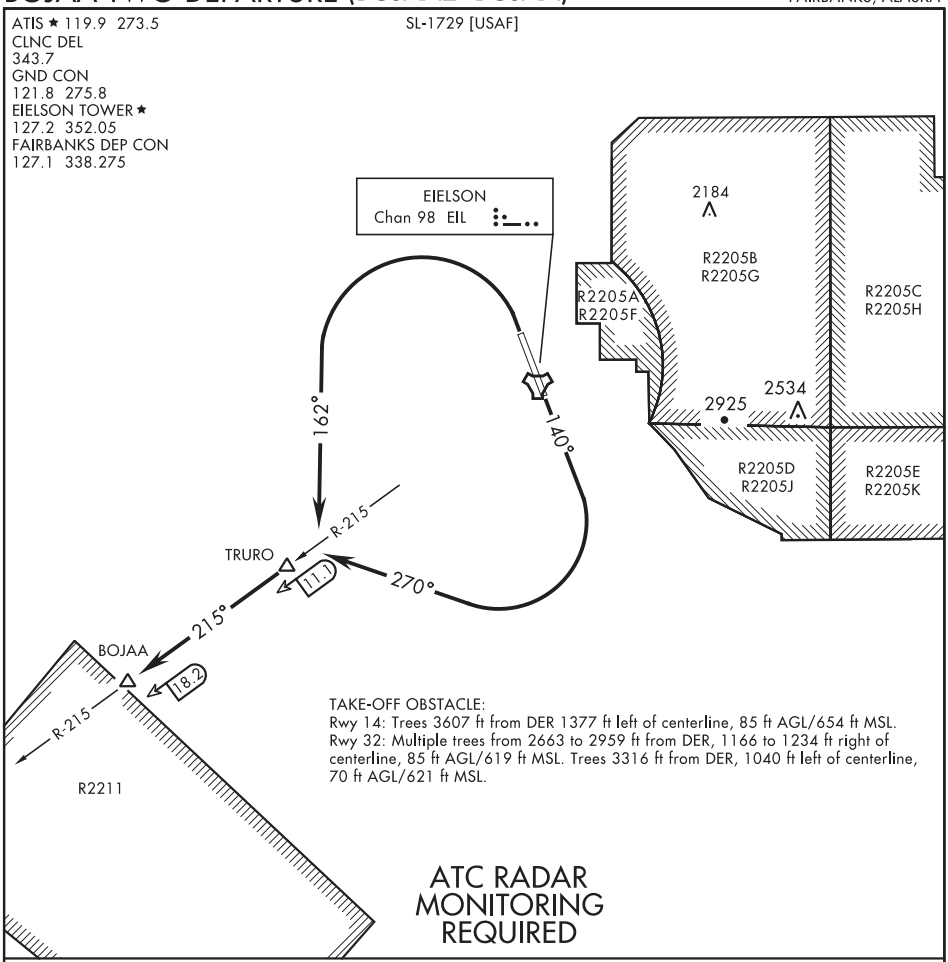
TAKE-OFF RWY 14 (ARUNY2·ARUNY): Turn right to intercept EIL TACAN R-164 to ARUNY. Maintain assigned altitude.

TAKE-OFF RWY 32 (ARUNY2·ARUNY): Turn left to intercept EIL TACAN R-164 to ARUNY. Maintain assigned altitude.

BOJAA TWO DEPARTURE (BOJAA2•BOJAA)

ATIS ★ 119.9 273.5
CLNC DEL
343.7
GND CON
121.8 275.8
EIELSON TOWER ★
127.2 352.05
FAIRBANKS DEP CON
127.1 338.275

SL-1729 [USAF]



TAKE-OFF OBSTACLE:
Rwy 14: Trees 3607 ft from DER 1377 ft left of centerline, 85 ft AGL/654 ft MSL.
Rwy 32: Multiple trees from 2663 to 2959 ft from DER, 1166 to 1234 ft right of centerline, 85 ft AGL/619 ft MSL. Trees 3316 ft from DER, 1040 ft left of centerline, 70 ft AGL/621 ft MSL.

ATC RADAR MONITORING REQUIRED

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14: Climb heading 140° to 1100, then climbing right turn to heading 270°, intercept EIL TACAN R-215 outbound to BOJAA. Climb and maintain 3700 or assigned altitude.

TAKE-OFF RWY 32: Climbing left turn to heading 162° to TRURO then continue outbound on EIL TACAN R-215 to BOJAA. Maintain at or above 3700 or assigned altitude.

20086

EIELSON AFB (PAEI)

DELTA-SIX DEPARTURE

SH-1729 [USAF]

FAIRBANKS, ALASKA

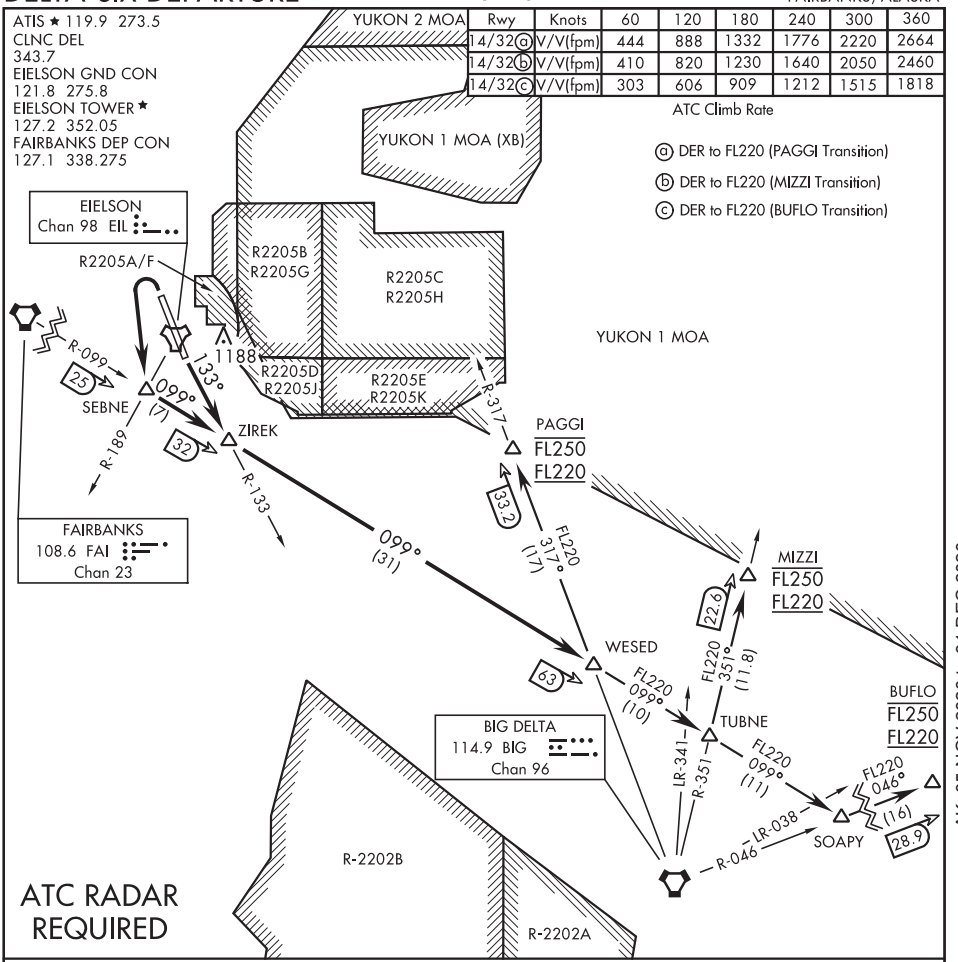
Rwy	Knots	60	120	180	240	300	360
14/32ⓐ	V/V(fpm)	444	888	1332	1776	2220	2664
14/32ⓑ	V/V(fpm)	410	820	1230	1640	2050	2460
14/32ⓒ	V/V(fpm)	303	606	909	1212	1515	1818

ATC Climb Rate

ⓐ DER to FL220 (PAGGI Transition)

ⓑ DER to FL220 (MIZZI Transition)

ⓒ DER to FL220 (BUFLO Transition)



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14 (DELTA6•ZIREK): Intercept EIL TACAN R-133 to join FAI VORTAC R-099 at ZIREK and track outbound. Thence. . .

TAKE-OFF RWY 32 (DELTA6•ZIREK): Turn left to intercept FAI VORTAC R-099 at SEBNE. Proceed outbound direct ZIREK. Thence. . .

BUFLO GATE TRANSITION (DELTA6•BUFLO): Turn left at SOAPY and track outbound on BIG VORTAC R-046 to BUFLO. Cross BUFLO at FL220 block FL250.

MIZZI GATE TRANSITION (DELTA6•MIZZI): Turn left at TUBNE and track outbound on BIG VORTAC R-351 to MIZZI. Cross MIZZI at FL220 block FL250.

PAGGI GATE TRANSITION (DELTA6•PAGGI): Turn left at WESED and track outbound on BIG VORTAC R-317 to PAGGI. Cross PAGGI at FL220 block FL250.

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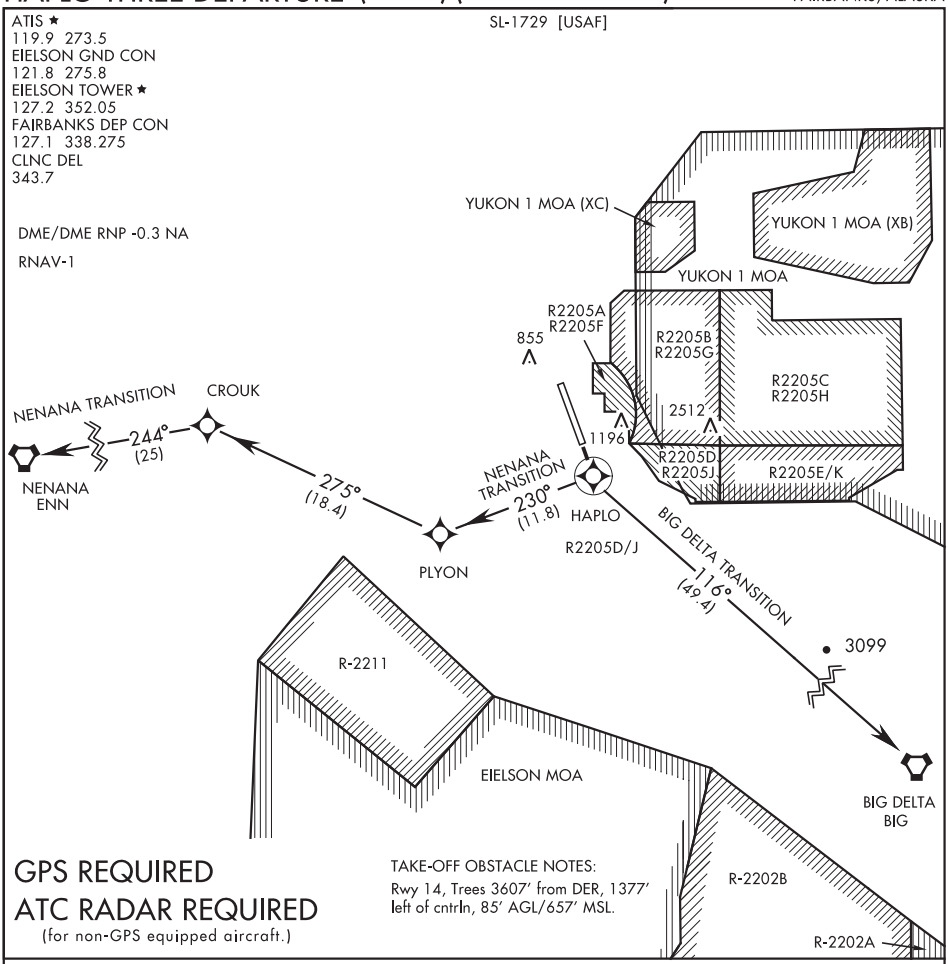
AK, 05 NOV 2020 to 31 DEC 2020

HAPLO THREE DEPARTURE (RNAV) (HAPLO3•HAPLO)



GPS REQUIRED
ATC RADAR REQUIRED
(for non-GPS equipped aircraft.)

TAKE-OFF OBSTACLE NOTES:
Rwy 14, Trees 3607′ from DER, 1377′ left of cntrln, 85′ AGL/657′ MSL.

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14 (HAPLO3•HAPLO): Climb direct HAPLO, thence...

BIG DELTA TRANSITION (HAPLO3•BIG): Turn left, track 116° to BIG VORTAC.

NENANA TRANSITION (HAPLO3•ENN): Turn right, track 230° to PLYON then track 275° to CROUK, then track 244° to ENN VORTAC.

20086

EIELSON AFB (PAEI)

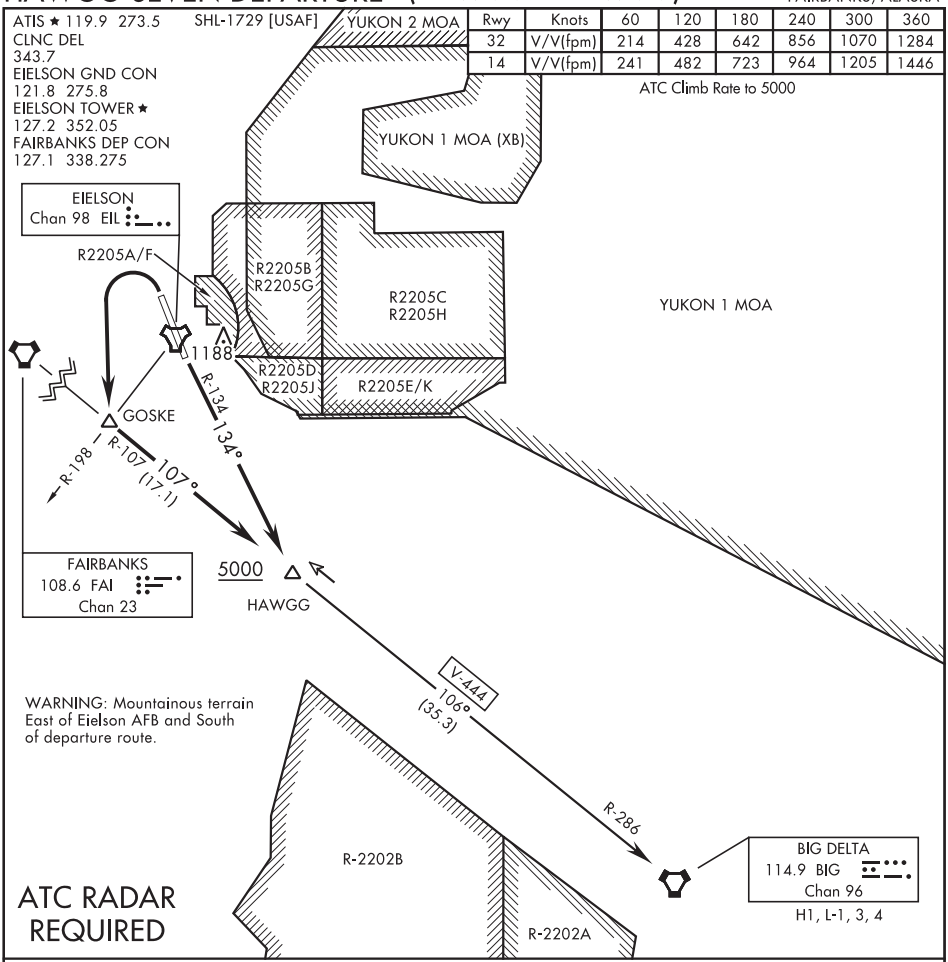
HAWGG SEVEN DEPARTURE (HAWGG7•HAWGG)

FAIRBANKS, ALASKA

ATIS ★ 119.9 273.5
CLNC DEL
343.7
EIELSON GND CON
121.8 275.8
EIELSON TOWER ★
127.2 352.05
FAIRBANKS DEP CON
127.1 338.275

Rwy	Knots	60	120	180	240	300	360
32	V/V(fpm)	214	428	642	856	1070	1284
14	V/V(fpm)	241	482	723	964	1205	1446

ATC Climb Rate to 5000



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14: Turn left to join EIL TACAN R-134 to FAI VORTAC R-107. Cross HAWGG at or above 5000. Thence . . .

TAKE-OFF RWY 32: Turn left to GOSKE then continue outbound FAI VORTAC R-107 to HAWGG. Cross HAWGG at or above 5000. Thence . . .

Intercept V-444 to BIG VORTAC, then via assigned route.

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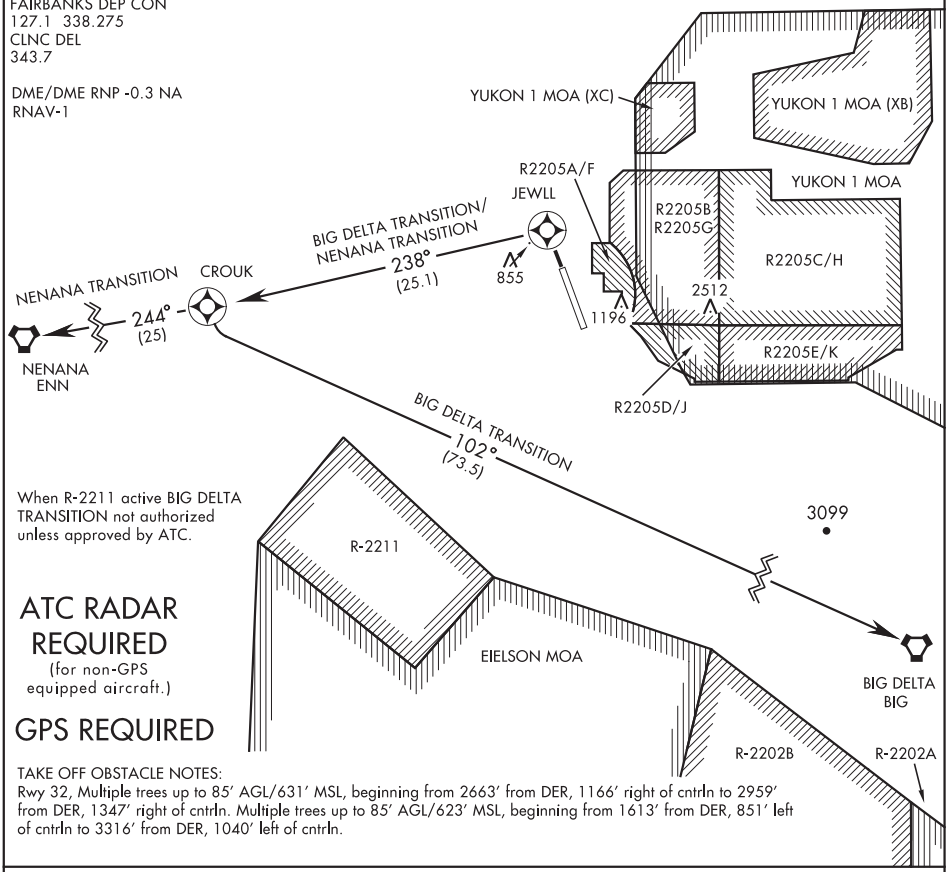
AK, 05 NOV 2020 to 31 DEC 2020

JEWLL TWO DEPARTURE (RNAV) (JEWLL2•JEWLL)

ATIS ★
119.9 273.5
EIELSON GND CON
121.8 275.8
EIELSON TOWER ★
127.2 352.05
FAIRBANKS DEP CON
127.1 338.275
CLNC DEL
343.7

DME/DME RNP -0.3 NA
RNAV-1

SL-1729 [USAF]



When R-2211 active BIG DELTA TRANSITION not authorized unless approved by ATC.

ATC RADAR REQUIRED
(for non-GPS equipped aircraft.)

GPS REQUIRED

TAKE OFF OBSTACLE NOTES:
Rwy 32, Multiple trees up to 85′ AGL/631′ MSL, beginning from 2663′ from DER, 1166′ right of cntrln to 2959′ from DER, 1347′ right of cntrln. Multiple trees up to 85′ AGL/623′ MSL, beginning from 1613′ from DER, 851′ left of cntrln to 3316′ from DER, 1040′ left of cntrln.

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AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 32 (JEWLL2•JEWLL): Climb direct JEWLL, thence...

BIG DELTA TRANSITION (JEWLL2•BIG): Turn left, track 238° to CROUK then turn left, track 102° to BIG VORTAC.

NENANA TRANSITION (JEWLL2•ENN): Turn left, track 238° to CROUK then track 244° to ENN VORTAC.

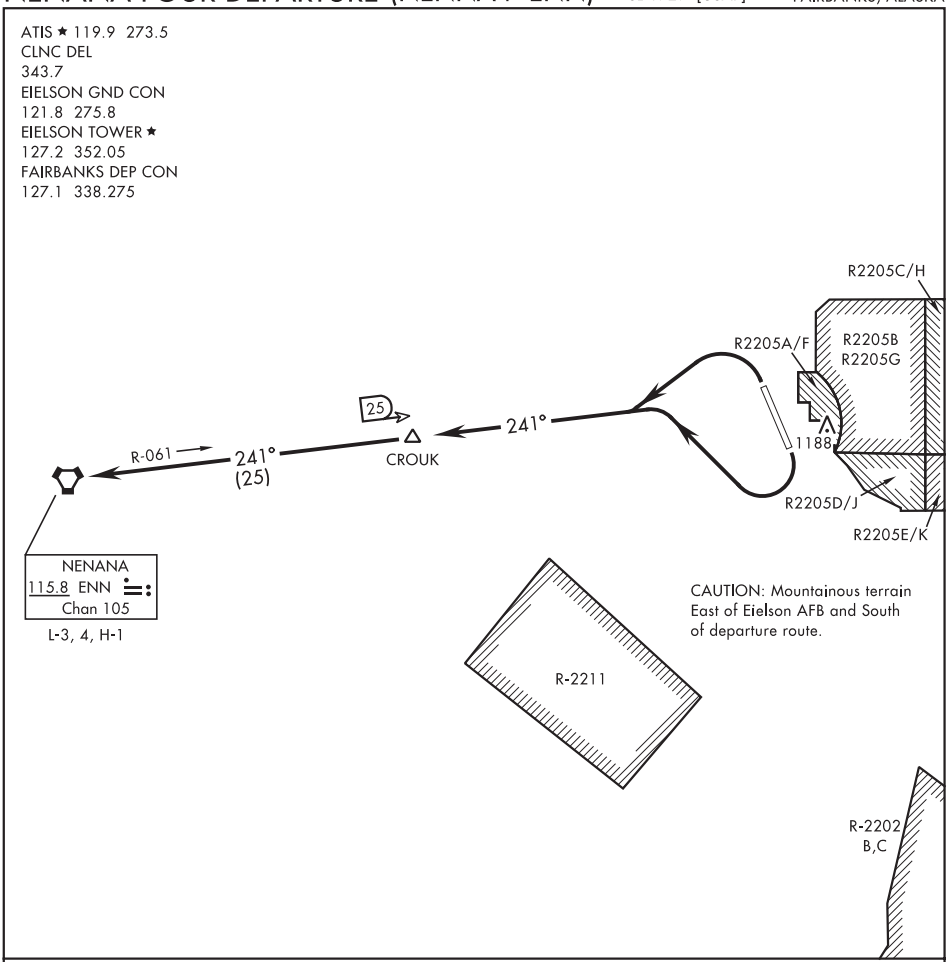
Orig 20030

EIELSON AFB (PAEI)

NENANA FOUR DEPARTURE (NENNA4•ENN)

SL-1729 [USAF]

FAIRBANKS, ALASKA



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AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14: Turn right to intercept ENN VORTAC R-061 and climb to assigned altitude, thence . . .

TAKE-OFF RWY 32: Turn left to intercept ENN VORTAC R-061 and climb to assigned altitude, thence . . .

Proceed to NENANA via R-061 then via assigned route.

NENANA FOUR DEPARTURE (NENNA4•ENN)

FAIRBANKS, ALASKA

EIELSON AFB (PAEI)

WAPAX TWO DEPARTURE (WAPAX2•WAPAX)

SH-1729 [USAF]

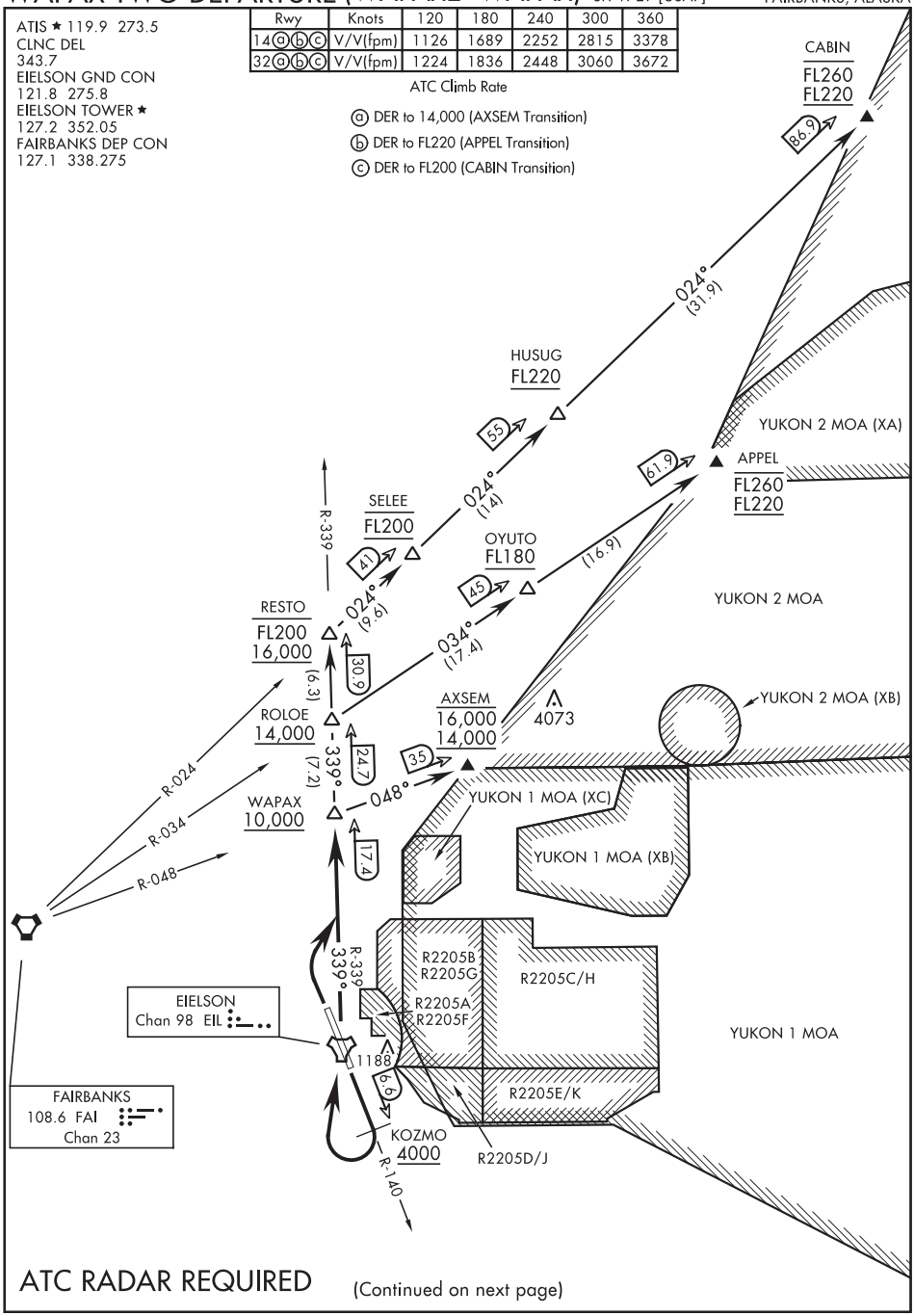
EIELSON AFB (PAEI)
FAIRBANKS, ALASKA

ATIS ★ 119.9 273.5
CLNC DEL
343.7
EIELSON GND CON
121.8 275.8
EIELSON TOWER ★
127.2 352.05
FAIRBANKS DEP CON
127.1 338.275

Rwy	Knots	120	180	240	300	360
14ⓐⓑⓒ	V/V(fpm)	1126	1689	2252	2815	3378
32ⓐⓑⓒ	V/V(fpm)	1224	1836	2448	3060	3672

ATC Climb Rate

ⓐ DER to 14,000 (AXSEM Transition)
ⓑ DER to FL220 (APPEL Transition)
ⓒ DER to FL200 (CABIN Transition)



ATC RADAR REQUIRED

(Continued on next page)

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AK, 05 NOV 2020 to 31 DEC 2020

SH-1729 [USAF]

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14: Turn right to intercept EIL TACAN R-140 to KOZMO. Cross KOZMO at or above 4000, then turn right direct EIL to intercept EIL R-339 outbound to WAPAX. Cross WAPAX at or above 10,000. Thence . . .

TAKE-OFF RWY 32: Turn right to intercept EIL TACAN R-339 to WAPAX. Cross WAPAX at or above 10,000. Thence . . .

APPEL GATE TRANSITION (WAPAX2•APPEL): Cross ROLOE at or above 14,000. Turn right track outbound on FAI VORTAC R-034 direct OYUTO, direct APPEL. Cross OYUTO at or above FL180, cross APPEL at or above FL220 block FL260.

AXSEM GATE TRANSITION (WAPAX2•AXSEM): Turn right and track outbound on FAI VORTAC R-048 to AXSEM. Cross AXSEM at or above 14,000 block 16,000.

CABIN GATE TRANSITION (WAPAX2•CABIN): Cross RESTO at or above 16,000 block FL200. Turn right and track outbound on FAI VORTAC R-024 direct SELEE, direct HUSUG, direct CABIN. Cross SELEE at FL200, cross HUSUG at or above FL220, cross CABIN at or above FL220 block FL260.

WAAS CH 58014 W01A	APP CRS 015°	Rwy ldg 3401 TDZE 162 Apt Elev 162

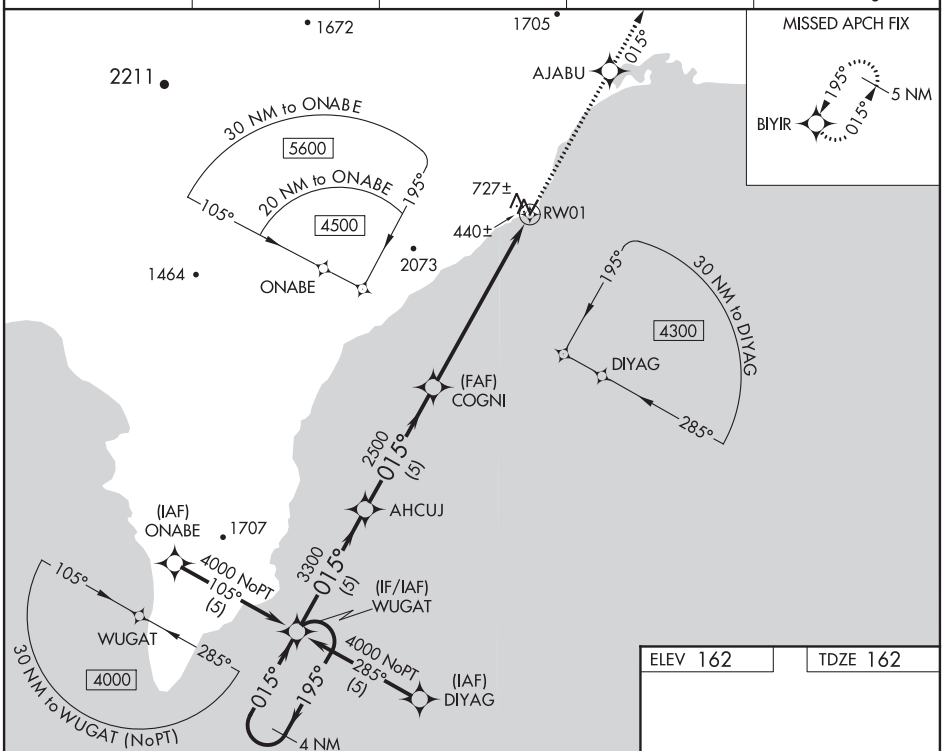
RNAV (GPS) RWY 1
ELIM (ELI) (PFEL)

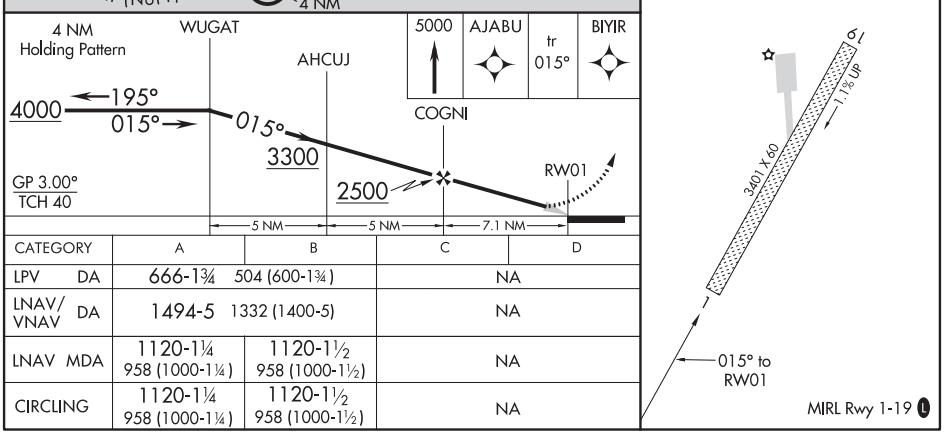
NA
-29°C

Circling to Rwy 19 NA at night. Baro-VNAV NA. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Koyuk altimeter setting.

MISSED APPROACH: Climb to 5000 direct AJABU and via track 015° to BIYIR and hold, continue climb-in-hold to 5000.

KKA/PAKK AWOS-3	AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
134.95	121.425	133.3 290.4	122.15	122.8 L





CATEGORY	A	B	C	D
LPV DA	666-1¾ 504 (600-1¾)		NA	
LNAV/VNAV DA	1494-5 1332 (1400-5)		NA	
LNAV MDA	1120-1¼ 958 (1000-1¼)	1120-1½ 958 (1000-1½)	NA	
CIRCLING	1120-1¼ 958 (1000-1¼)	1120-1½ 958 (1000-1½)	NA	

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AK, 05 NOV 2020 to 31 DEC 2020

ELIM, ALASKA | AL-10270 (FAA) | 20198

RNAV (GPS) RWY 19
ELIM (ELI) (PFEL)

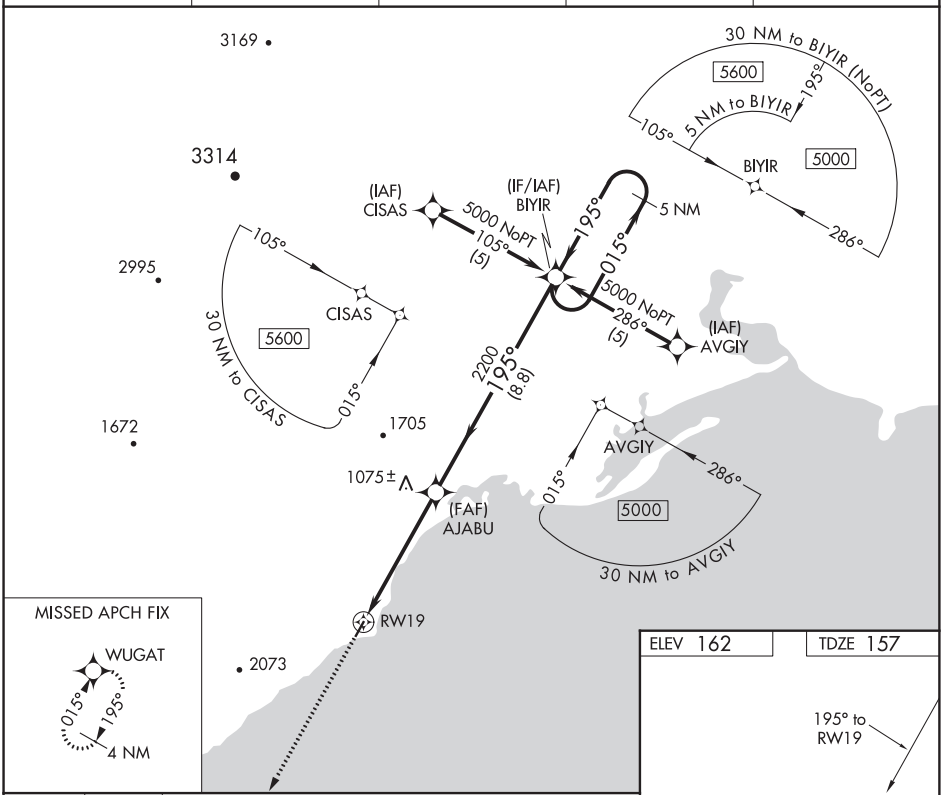
APP CRS	Rwy ldg	3401
195°	TDZE	157
	Apt Elev	162

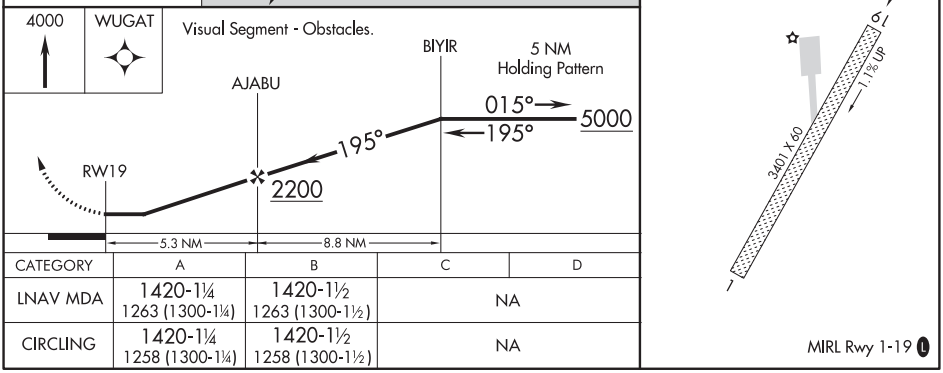
NA
-29°C

DME/DME RNP- 0.3 NA. When local altimeter setting not received, use Koyuk altimeter setting. Rwy 19 Straight-in/Circling minimums NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 4000 direct WUGAT and hold.

KKA/PAKK AWOS-3	AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
134.95	121.425	133.3 290.4	122.15	122.8 L



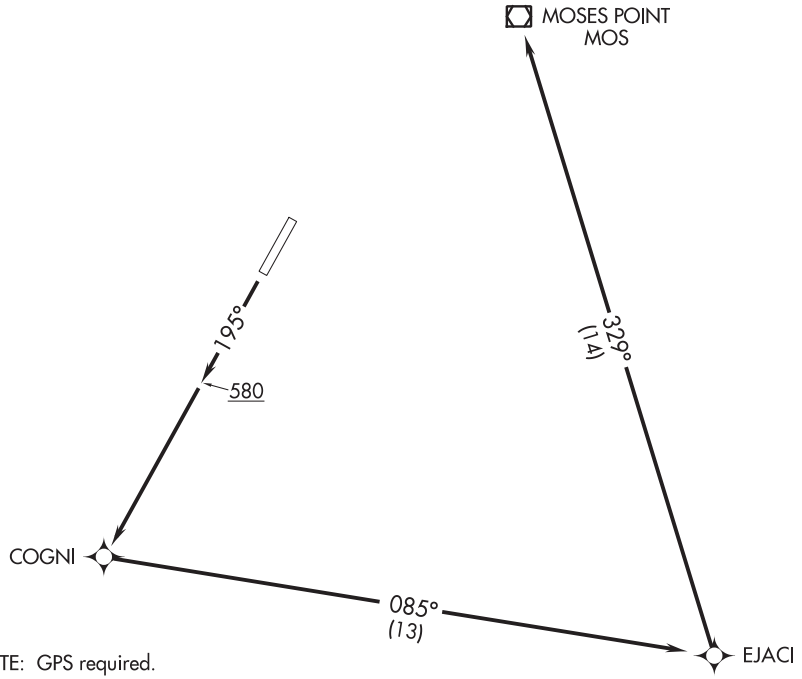


CATEGORY	A	B	C	D
LNAV MDA	1420-1¼ 1263 (1300-1¼)	1420-1½ 1263 (1300-1½)	NA	
CIRCLING	1420-1¼ 1258 (1300-1¼)	1420-1½ 1258 (1300-1½)	NA	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE CENTER
133.3 290.4



NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 1: NA- Obstacles.

Rwy 19: Standard.

TAKEOFF OBSTACLE NOTES

Rwy 19: Multiple trees beginning 53′ from DER, 302′ right of centerline, up to 27′ AGL/277′ MSL.
Lt pole, 274′ from DER, 277′ left of centerline, 25′ AGL/175′ MSL.
Pole, 226′ from DER, 279′ left of centerline, 19′ AGL/169′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 19: Climb heading 195° to 580, then climb direct COGNI, and left turn via 085° track to EJACI, and left turn via 329° track to MOS VOR/DME, maintain 6000. Thence. . . .

. . . .via assigned route.

ANCHORAGE, ALASKA

ILS Y or LOC/DME RWY 6

LOC I-EDF	APCH CRS	Rwy ldg 10,000 TDZE 174 Arpt Elev 213
110.3	062°	

AL-1196 [USAF]

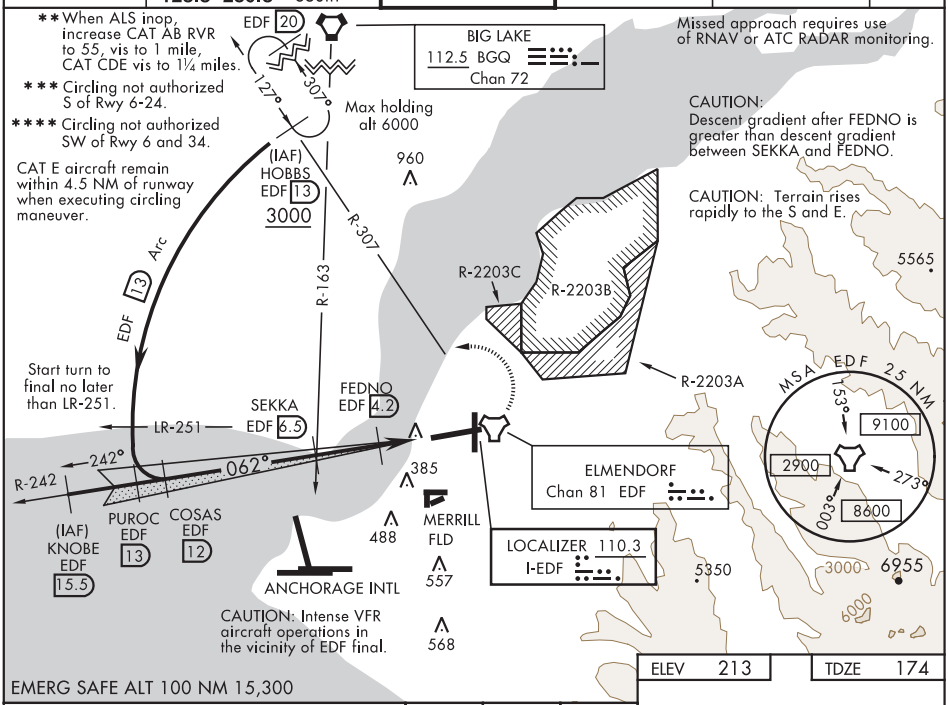
ELMENDORF AFB (PAED)

* When TDZ/CL lights inop increase RVR to 24. When ALS inop, increase RVR to 40, vis to ¾ mile.

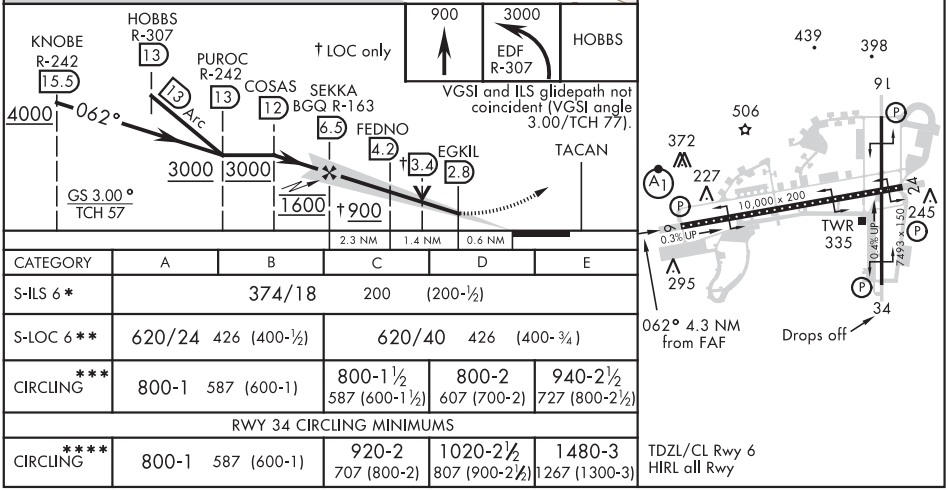
ALSF-1

MISSED APPROACH: Climb to 900, then climbing left turn to 3000 via EDF R-307 to HOBBS and hold.

ATIS *	ANCHORAGE APP CON	ELMENDORF TOWER	GND CON	CLNC DEL	PAR
124.3 273.5	118.6 290.5 North 123.8 259.3 South	127.2 352.05	121.8 275.8	128.8 306.925	



ELEV 213 TDZE 174



CATEGORY	A	B	C	D	E
S-ILS 6*	374/18 200 (200-½)				
S-LOC 6**	620/24 426 (400-½)		620/40 426 (400-¾)		
CIRCLING***	800-1 587 (600-1)		800-1½ 587 (600-1½)	800-2 607 (700-2)	940-2½ 727 (800-2½)
RWY 34 CIRCLING MINIMUMS					
CIRCLING****	800-1 587 (600-1)		920-2 707 (800-2)	1020-2½ 807 (900-2½)	1480-3 1267 (1300-3)

TDZL/CL Rwy 6 HIRL all Rwy

ANCHORAGE, ALASKA 61° 15′N-149° 48′W ELMENDORF AFB (PAED)

Amdt 4 05NOV20

ILS Y or LOC/DME RWY 6

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE, ALASKA

ILS Z or LOC/DME RWY 6

LOC I-EDF	APCH CRS	Rwy ldg 10,000 / TDZE 174 / Arpt Elev 213
110.3	062°	

AL-1196 [USAF] ELMENDORF AFB (PAED)

*When TDZ/CL lights inop increase RVR to 24. When ALS inop, increase RVR to 40, vis to ¾ mile.

ALSF-1 (A1)

MISSED APPROACH: Climb to 900, then climbing left turn to 3000 and intercept BGQ R-138 to BGQ and hold.

ATIS ★	ANCHORAGE APP CON	ELMENDORF TOWER	GND CON	CLNC DEL	PAR
124.3 273.5	118.6 290.5 North 123.8 259.3 South	127.2 352.05	121.8 275.8	128.8 306.925	

** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile, CAT CDE vis to 1¼ miles.

*** Circling not authorized S of Rwy 6-24.

**** Circling not authorized SW of Rwy 6 and 34.

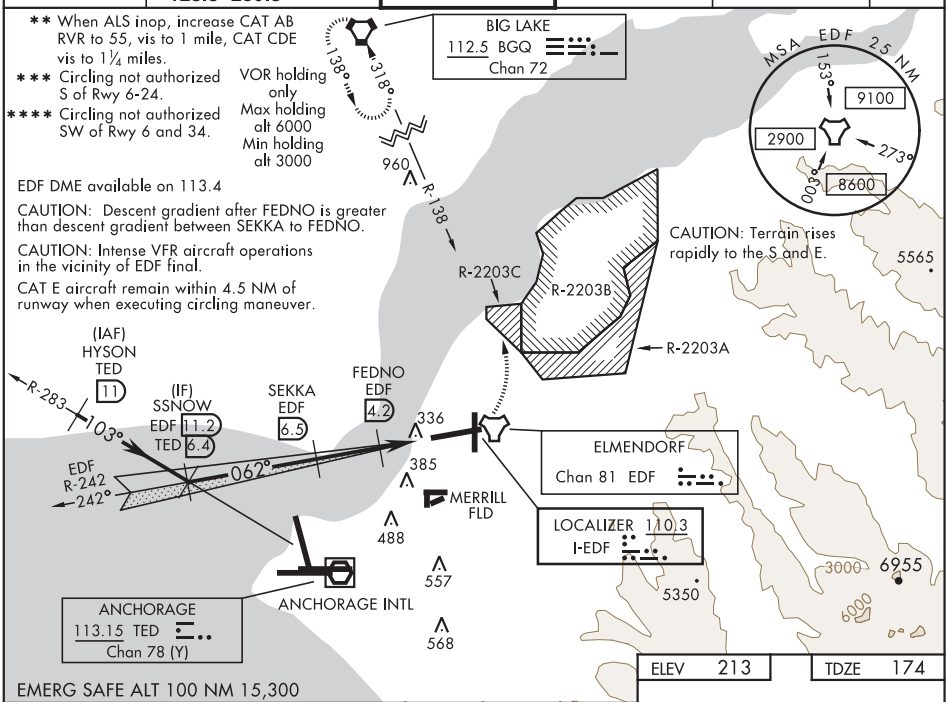
VOR holding only
Max holding alt 6000
Min holding alt 3000

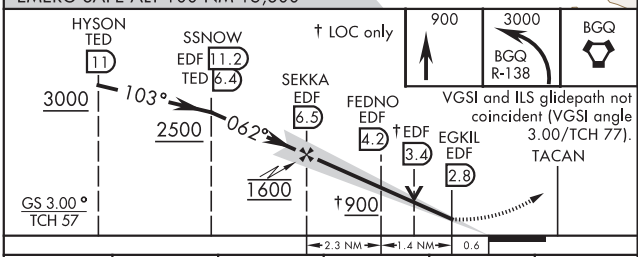
EDF DME available on 113.4

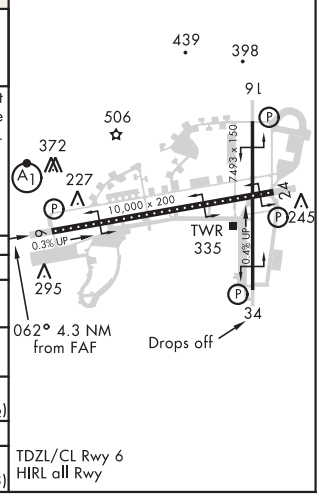
CAUTION: Descent gradient after FEDNO is greater than descent gradient between SEKKA to FEDNO.

CAUTION: Intense VFR aircraft operations in the vicinity of EDF final.

CAT E aircraft remain within 4.5 NM of runway when executing circling maneuver.







CATEGORY	A	B	C	D	E
S-ILS 6 *	374/18 200 (200-½)				
S-LOC 6 **	600/24 426 (400-½)		600/40 426 (400-¾)		
CIRCLING***	800-1 587 (600-1)		800-1½ 587 (600-1½)	820-2 607 (700-2)	940-2½ 727 (800-2½)
RWY 34 CIRCLING MINIMUMS					
CIRCLING****	800-1 587 (600-1)		920-2 707 (800-2)	1020-2½ 807 (900-2½)	1480-3 1267(1300-3)

TDZL/CL Rwy 6
HIRL all Rwy

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE, ALASKA 61° 15′N-149° 48′W ELMENDORF AFB (PAED)

Amdt 5 05NOV20

ILS Z or LOC/DME RWY 6

ANCHORAGE, ALASKA

RNAV (GPS) RWY 6

APCH CRS	Rwy ldg	10,000
062°	TDZE	175
	Arpt Elev	213

AL-1196 (USAF)

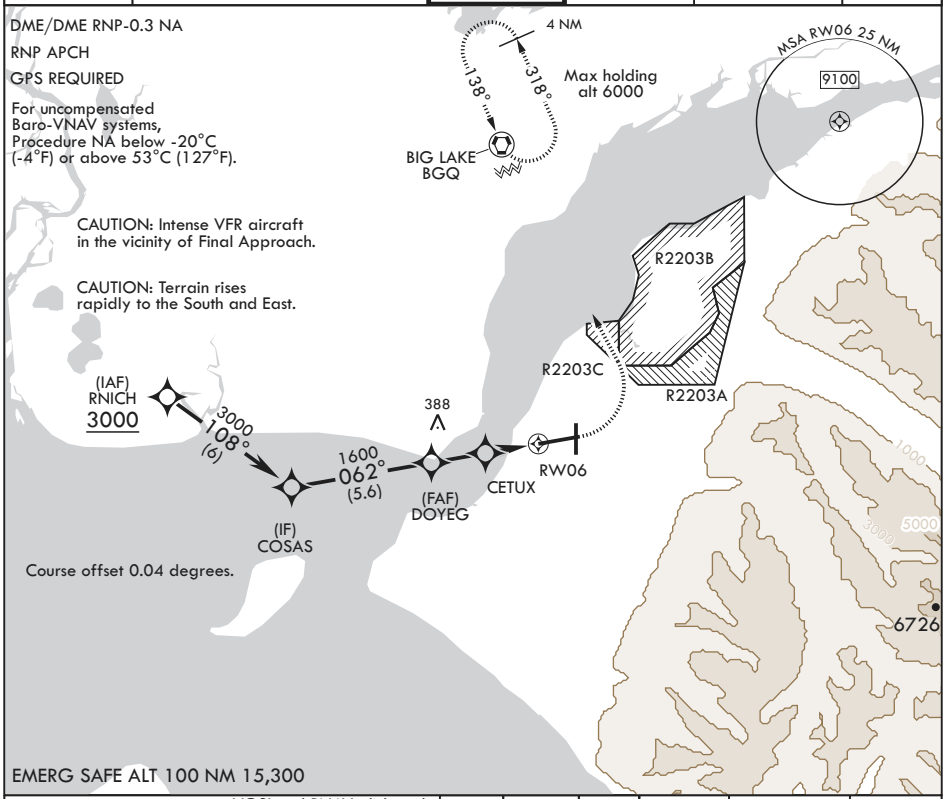
ELMENDORF AFB (PAED)

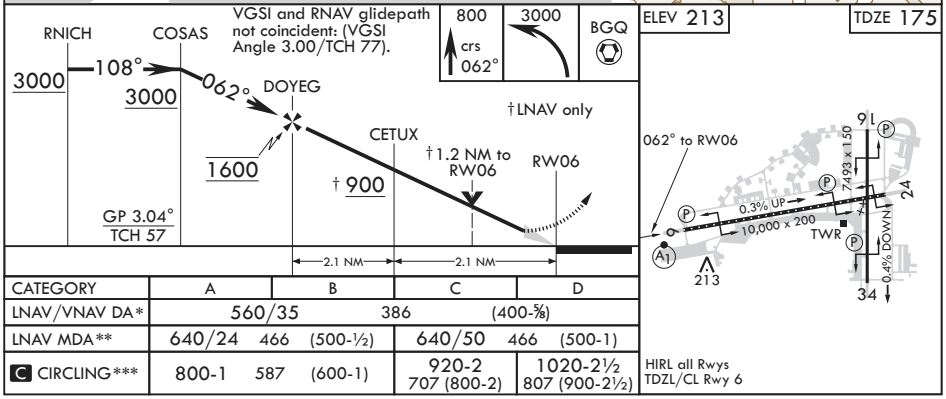
* When ALS inop increase RVR to 60, vis to 1 1/8 miles.
** When ALS inop increase CAT AB RVR to 55, vis to 1 mile, CAT CD vis to 1 3/8 miles.
*** Circling NA SW of Rwy 6 and 34.

ALSF-1

MISSED APPROACH: Climb to 800 then climbing left turn to 3000 direct BGQ and hold.

ATIS★	ANCHORAGE APP CON/DEP CON	TOWER	GND CON	CLNC DEL	ASR/PAR
124.3 273.5	118.6 290.5	127.2 352.05	121.8 275.8	128.8 306.925	





CATEGORY	A	B	C	D
LNAV/VNAV DA*	560/35 386 (400-⅝)			
LNAV MDA**	640/24 466 (500-½)		640/50 466 (500-1)	
C CIRCLING***	800-1 587 (600-1)		920-2 707 (800-2)	1020-2½ 807 (900-2½)

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ANCHORAGE, ALASKA

TACAN RWY 6

TACAN EDF Chan 81	APCH CRS 062°	Rwy ldg 10,000 TDZE 174 Arpt Elev 213

AL-1196 [USAF]

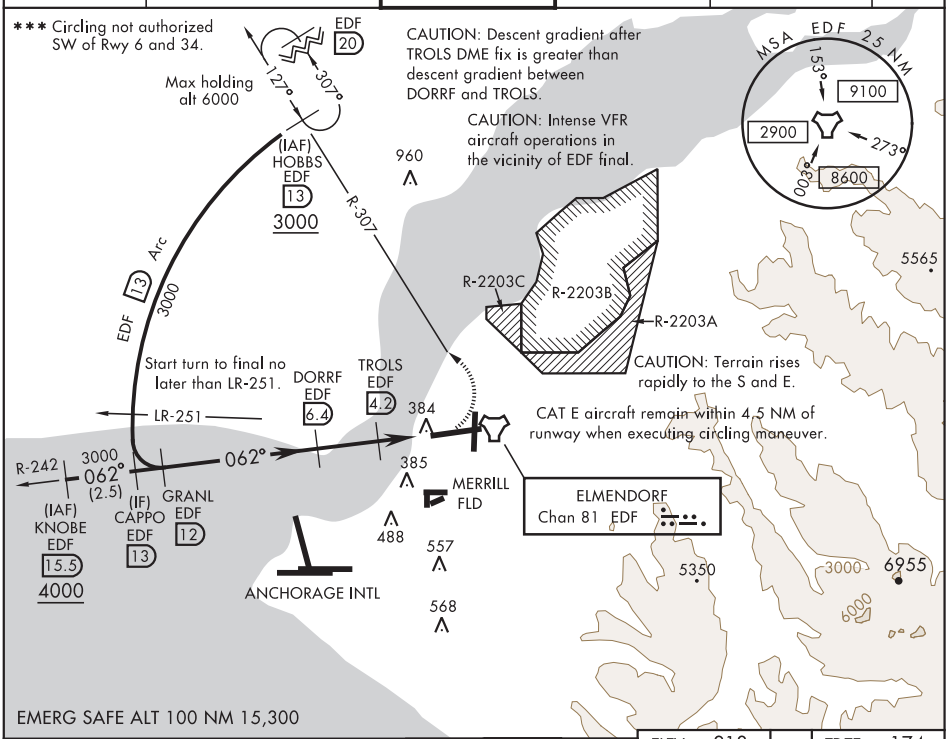
ELMENDORF AFB (PAED)

T * When ALS inop, increase CAT AB RVR to 55, vis to 1 mile, CAT CDE vis to 1⅜ miles.
** Circling not authorized S of Rwy 6-24.

ALSF-1

MISSED APPROACH: Climbing left turn to 3000 via EDF R-307 to HOBBS and hold. Continue climb in hold to 3000.

ATIS *	ANCHORAGE APP CON	ELMENDORF TOWER	GND CON	CLNC DEL	PAR
124.3 273.5	118.6 290.5 North 123.8 259.3 South	127.2 352.05	121.8 275.8	128.8 306.925	

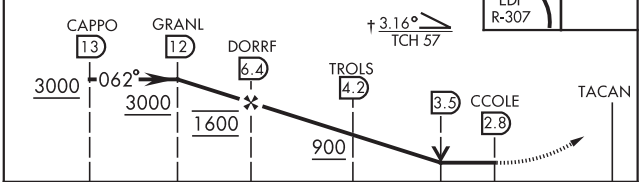


VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 77.)

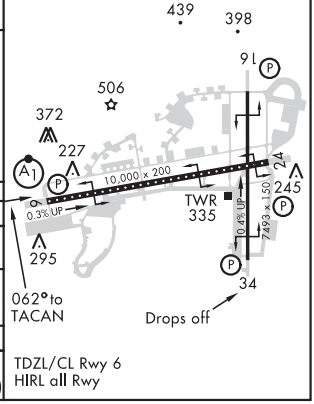
† TROLS to MAP

† 3.16° TCH 57

3000 EDF R-307 HOBBS



ELEV 213 TDZE 174



CATEGORY	A	B	C	D	E
S-6 *	640/24 466 (500-½)		640/50 466 (500-1)		
CIRCLING **	800-1 587 (600-1)		800-1½ 587 (600-1½)	820-2 607 (700-2)	940-2½ 727 (800-2½)
RWY 34 CIRCLING MINIMUMS					
CIRCLING ***	800-1 587 (600-1)		920-2 707 (800-2)	1020-2½ 807 (900-2½)	1480-3 1267 (1300-3)

TDZL/CL Rwy 6
HIRL all Rwy

ANCHORAGE, ALASKA 61°15′N-149°48′W ELMENDORF AFB (PAED)

Amdt 2 05NOV20

TACAN RWY 6

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE, ALASKA

20254

TACAN Y RWY 16

TACAN EDF Chan 81	APCH CRS 133°	Rwy ldg 7493 TDZE 213 Arpt Elev 213

AL-1196 [USAF]

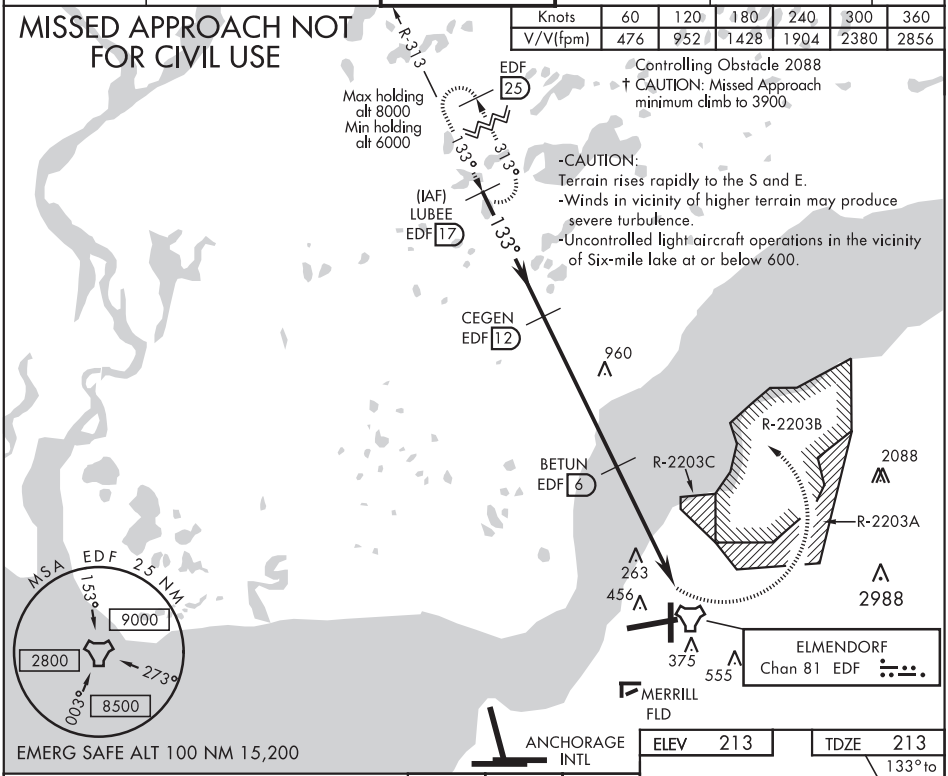
ELMENDORF AFB (PAED)

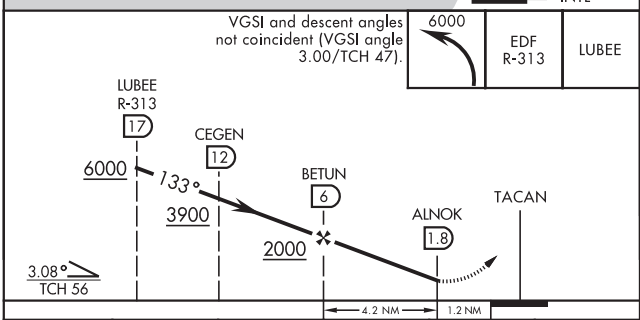
* Circling not authorized SW of Rwy 6 and 34. CAT E aircraft remain within 4.5 NM of runway when executing circling maneuver.

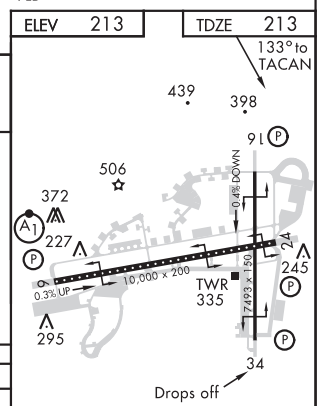
† MISSED APPROACH: Climbing left turn to 6000 via EDF R-313 to LUBEE and hold. Continue climb-in-hold to 6000.

ATIS ★	ANCHORAGE APP CON	ELMENDORF TOWER	GND CON	CLNC DEL	PAR
124.3 273.5	North 118.6 290.5 South 123.8 259.3	127.2 352.05	121.8 275.8	128.8 306.925	

Knots	60	120	180	240	300	360
V/V(fpm)	476	952	1428	1904	2380	2856







TDZL/CL Rwy 6
HIRL all Rwy

CATEGORY	A	B	C	D	E
S-16 †	NOT AUTHORIZED				680-1⅜ 467 (500-1⅜)
C CIRCLING*	NOT AUTHORIZED				1420-3 1207 (1300-3)

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AK, 05 NOV 2020 to 31 DEC 2020

ANCHORAGE, ALASKA

61°15′N-149°48′W

ELMENDORF AFB (PAED)

Amdt 2 10SEP20
TERPS

TACAN Y RWY 16

ANCHORAGE, ALASKA

TACAN Z RWY 16

TACAN EDF Chan 81	APCH CRS 133°	Rwy ldg 7493 TDZE 213 Arpt Elev 213

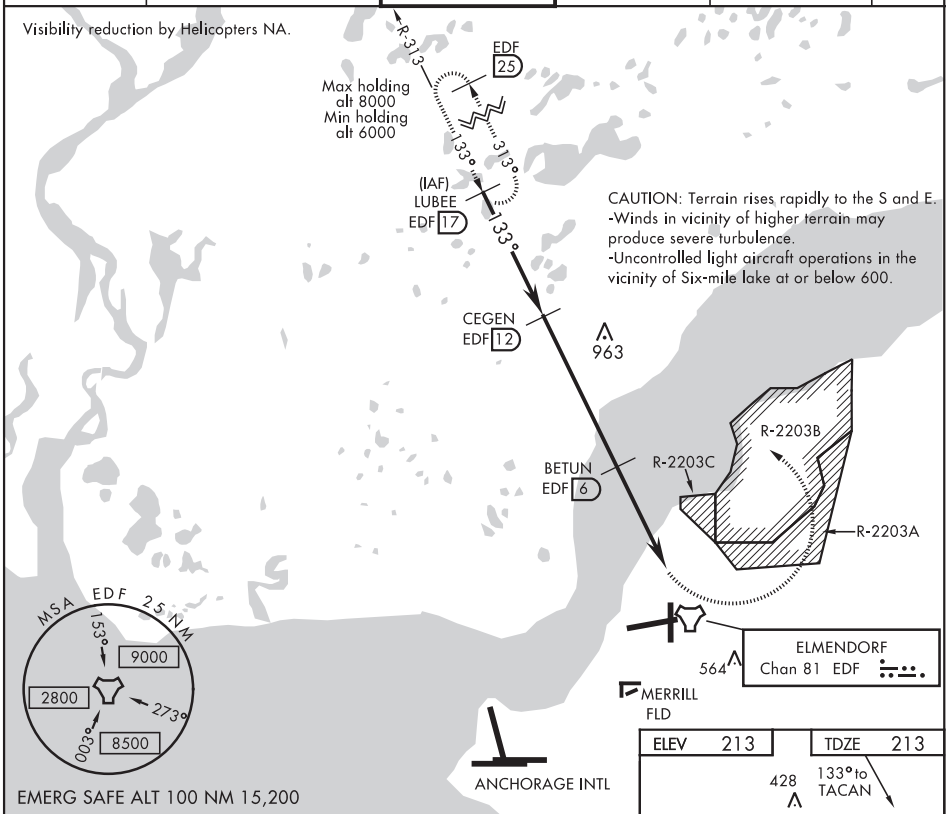
AL-1196 [USAF]

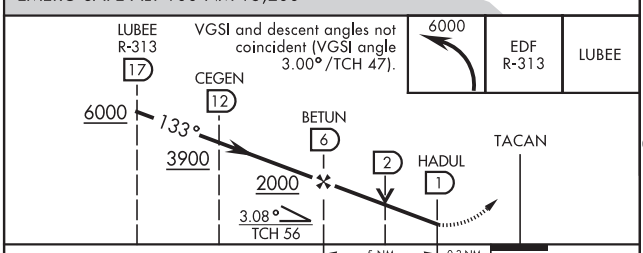
ELMENDORF AFB (PAED)

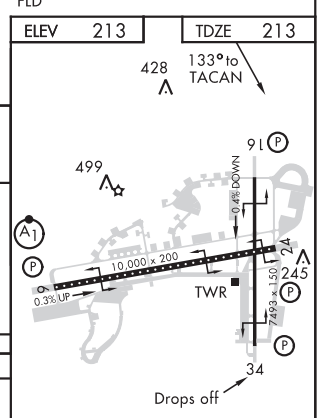
* Circling not authorized SW of Rwys 6 and 34.

MISSED APPROACH: Climbing left turn to 6000 via EDF TACAN R-313 to LUBEE and hold. Continue climb-in-hold to 6000.

ATIS ★	ANCHORAGE APP CON	ELMENDORF TOWER	GND CON	CLNC DEL	PAR
124.3 273.5	North 118.6 290.5 South 123.8 259.3	127.2 352.05	121.8 275.8	128.8 306.925	







TDZL/CL Rwy 6
HIRL all Rwy

CATEGORY	A	B	C	D
S-16	700-1 487 (500-1)		700-1⅜ 487 (500-1⅜)	
CIRCLING*	800-1 587 (600-1)		920-2 707 (800-2)	920-2¼ 707 (800-2¼)

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ANCHORAGE, ALASKA

61°15′N-149°48′W

ELMENDORF AFB (PAED)

Amdt 2 16JUL20
TERPS

TACAN Z RWY 16

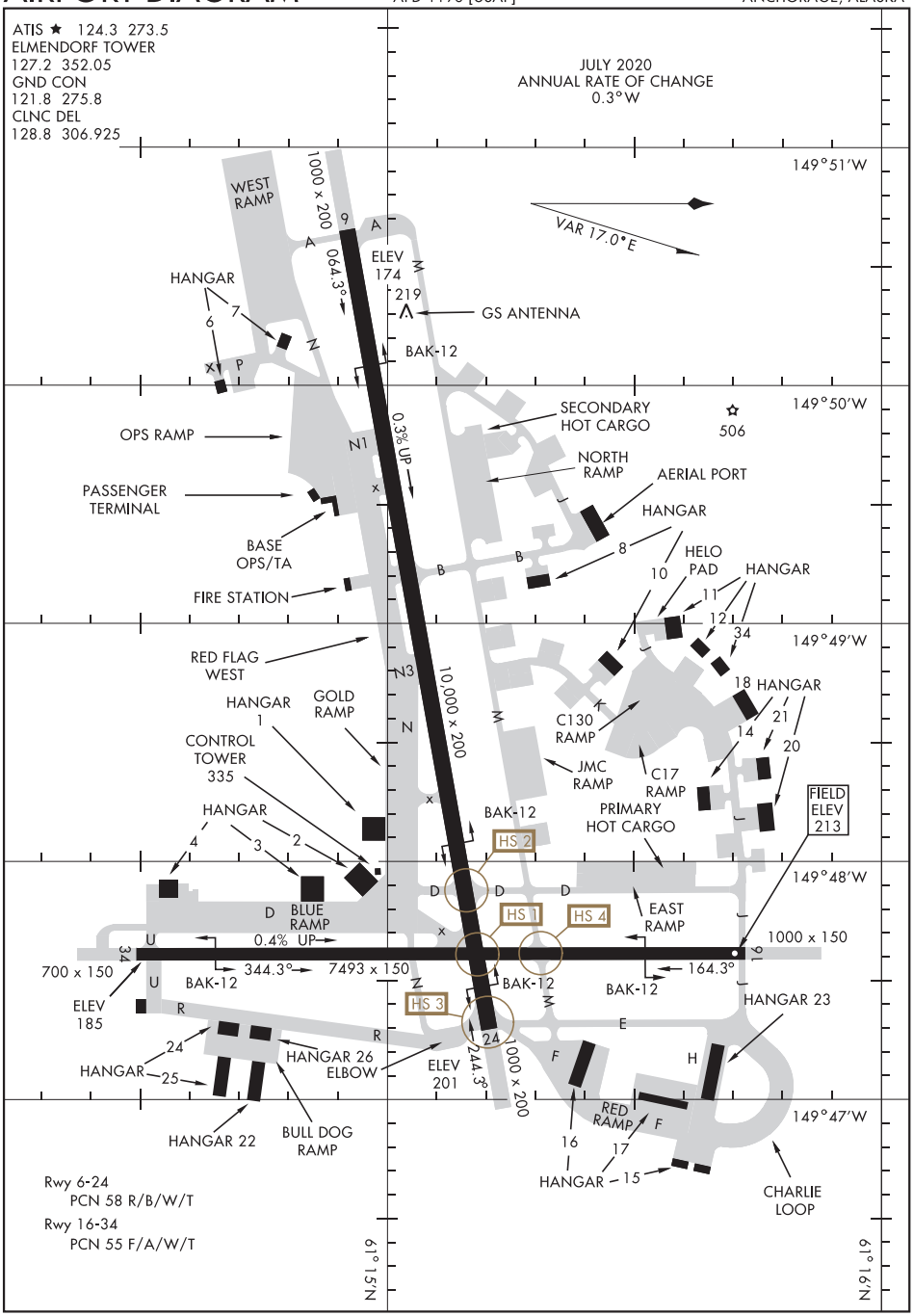
20198

AIRPORT DIAGRAM

ELMENDORF AFB (PAED)

AFD-1196 [USAF]

ANCHORAGE, ALASKA



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AK, 05 NOV 2020 to 31 DEC 2020

AIRPORT DIAGRAM

ANCHORAGE, ALASKA

ELMENDORF AFB (PAED)

EEEGL FOUR DEPARTURE

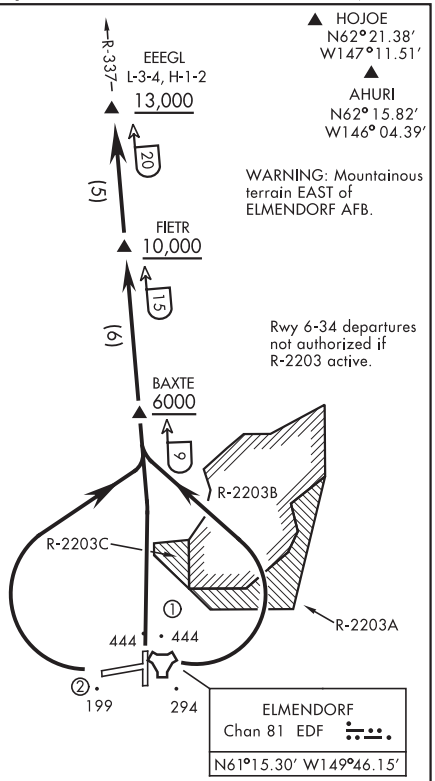
SHL-1196 [USAF]

ATIS ★ 124.3 273.5
CLNC DEL
128.8 306.925
GND CON
121.8 275.8
ELMENDORF TOWER
127.2 352.05
ANCHORAGE
DEP CON
118.6 290.5

SKWEN
N62°03.10′
W151° 06.26′

GERDE
N61° 53.90′
W153°23.79′

SPAIR
N60° 37.16′
W154° 19.90′



WARNING: Mountainous terrain EAST of ELMENDORF AFB.

Rwy 6-34 departures not authorized if R-2203 active.

Rwy	Knots	60	120	180	240	300	360
6	V/V(fpm)	601	1202	1803	2404	3005	3606
24	V/V(fpm)	581	1162	1743	2324	2905	3486
34	V/V(fpm)	656	1312	1968	2624	3280	3936

ATC Climb Rate to 13,000

① Numerous trees to 444′ MSL within 7300′ of DER and 1850′ left and right of centerline.

② 210′ terrain 930′ from DER, 730′ right of centerline and 281′ MSL (21′ AGL) trees 4100′ from DER, 1230′ right of centerline.

NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 6: Climbing left turn to FL200, intercept EDF R-337 outbound. Cross BAXTE at or above 6000, cross FIETR at or above 10,000, cross EEEGL at or above 13,000. Upon leaving 13,000, proceed on course. Maintain FL200 or ATC assigned altitude.

TAKE-OFF RUNWAY 24: Climbing right turn to FL200, intercept EDF TACAN R-337 outbound. Cross FIETR at or above 10,000, cross EEEGL at or above 13,000. Upon leaving 13,000, proceed on course. Maintain FL200 or ATC assigned altitude.

TAKE-OFF RUNWAY 34: Climb to FL200, intercept EDF R-337 outbound. Cross BAXTE at or above 6000, cross FIETR at or above 10,000, cross EEEGL at or above 13,000. Upon leaving 13,000, proceed on course. Maintain FL200 or ATC assigned altitude.

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18200

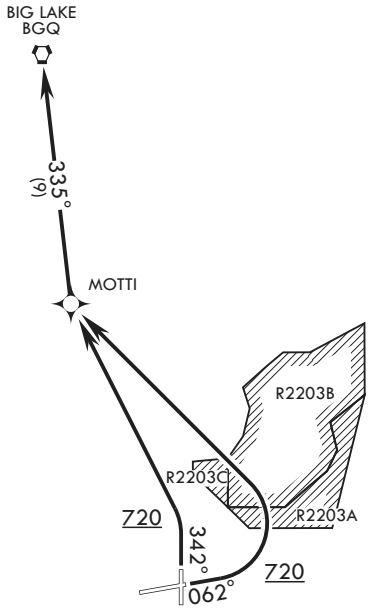
SL-1196 (USAF)

ELMENDORF AFB (PAED)

ELMENDORF TWO DEPARTURE (RNAV) (MOTTI2.BGQ)

ANCHORAGE, ALASKA

ATIS ★ 124.3 273.5
CLNC DEL 128.8 306.925
GND CON 121.8 275.8
TOWER 127.2 352.05
ANCHORAGE APP CON/DEP CON
118.6 290.5



Rwy 6-34 not authorized if R-2203 active.

RADAR REQUIRED

GPS and RNAV1 REQUIRED

(For non-GPS equipped aircraft)

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 6: Climb heading 062° to 720, then turn left direct MOTTI, thence via 335° track to BGQ VORTAC at assigned ATC altitude.

TAKE-OFF RWY 34: Climb heading 342° to 720, then turn left direct MOTTI, thence via 335° track to BGQ VORTAC at assigned altitude.

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AK, 05 NOV 2020 to 31 DEC 2020

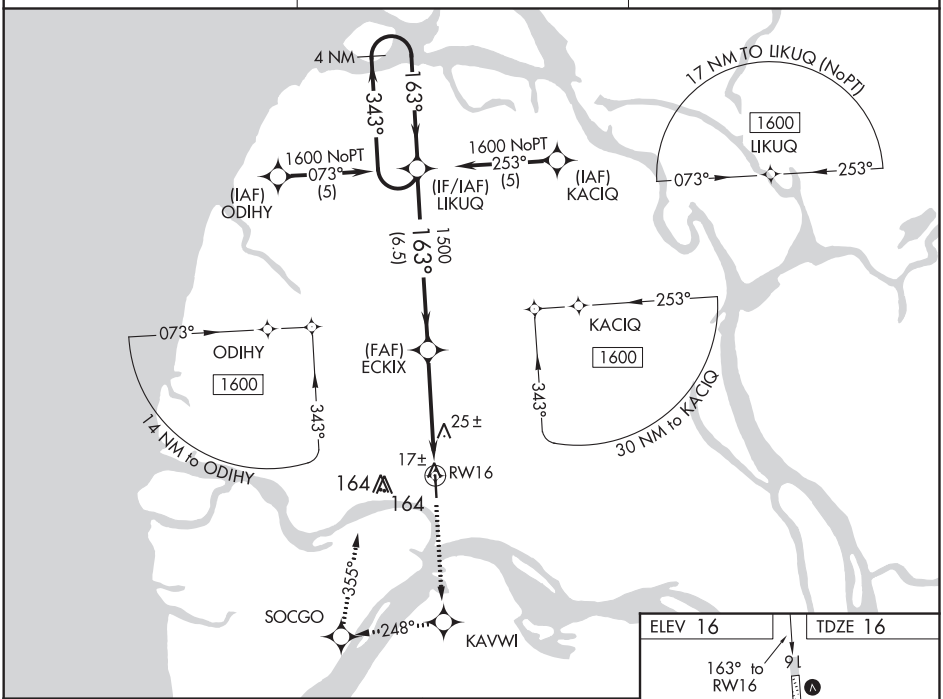
WAAS CH 86702 W16A	APP CRS 163°	Rwy ldg 4601 TDZE 16 Apt Elev 16

RNAV (GPS) RWY 16
EMMONAK (ENM) (PAEM)

If local altimeter setting not received, use St Mary's altimeter setting and increase all DAs 168 feet and all MDAs 180 feet. VDP NA with St Mary's altimeter setting. DME/DME RNP- 0.3 NA. Baro-VNAV NA when using St Mary's altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (119°F).

MISSED APPROACH: Climb to 1600 direct KAVWI and right turn via 248° track to SOCGO and right turn via 355° track to LIKUQ and hold.

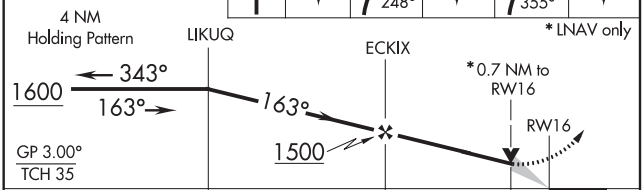
AWOS-3P	ANCHORAGE CENTER	CTAF
135.35	124.5	122.9 L



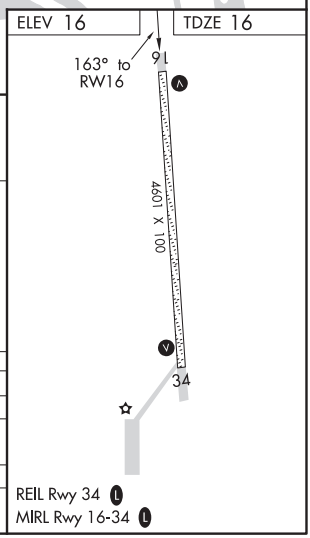
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 32).

1600	KAVWI	tr 248°	SOCGO	tr 355°	LIKUQ

* LNAV only



CATEGORY	A	B	C	D
LPV DA	266-1		250 (300-1)	
LNAV/VNAV DA	280-1		264 (300-1)	
LNAV MDA	280-1		264 (300-1)	
CIRCLING	520-1	504 (600-1)	520-1½ 504 (600-1½)	580-2 564 (600-2)



AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

EMMONAK, ALASKA | AL-6916 (FAA) | 19171

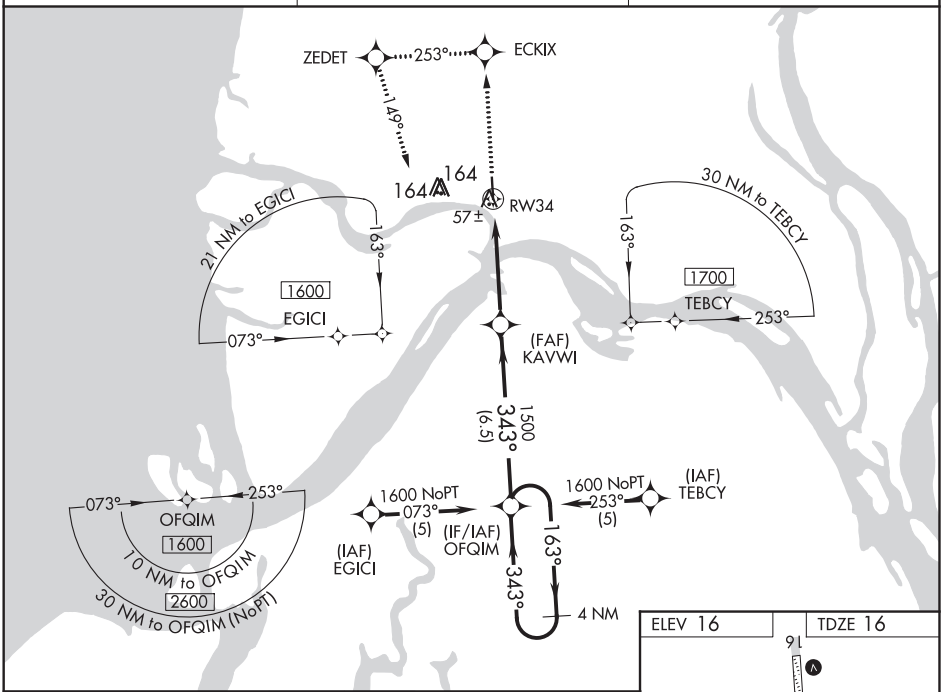
WAAS CH 42502 W34A	APP CRS 343°	Rwy ldg 4601 TDZE 16 Apt Elev 16

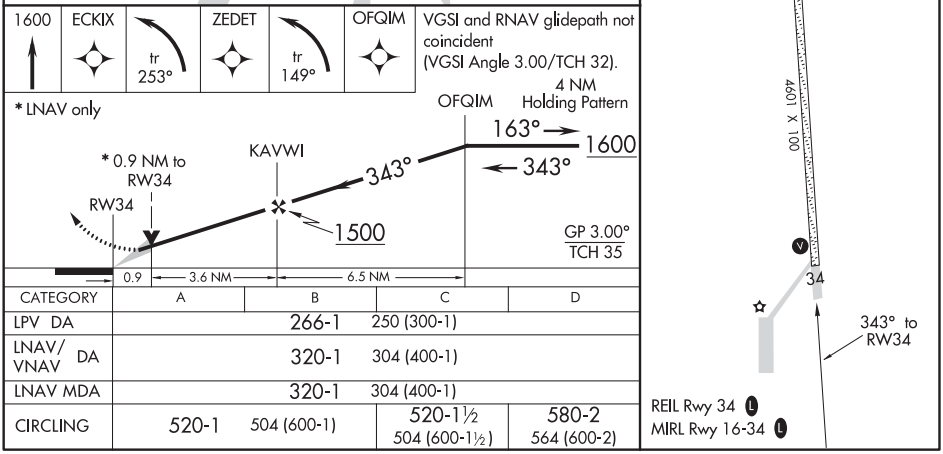
RNAV (GPS) RWY 34
EMMONAK (ENM) (PAEM)

If local altimeter setting not received, use St Mary's altimeter setting and increase all DAs 168 feet and MDAs 180 feet. VDP NA with St Mary's altimeter setting. DME/DME RNP- 0.3 NA. Baro-VNAV NA when using St Mary's altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (119°F).

MISSED APPROACH: Climb to 1600 direct ECKIX and left turn via 253° track to ZEDET and left turn via 149° track to OFQIM and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
135.35	124.5	122.9 L





CATEGORY	A	B	C	D
LPV DA	266-1	250 (300-1)		
LNAV/VNAV DA	320-1	304 (400-1)		
LNAV MDA	320-1	304 (400-1)		
CIRCLING	520-1	504 (600-1)	520-1½ 504 (600-1½)	580-2 564 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

EMMONAK, ALASKA
Amdt 2A 13NOV14

62° 47′ N - 164° 29′ W

EMMONAK (ENM) (PAEM)
RNAV (GPS) RWY 34

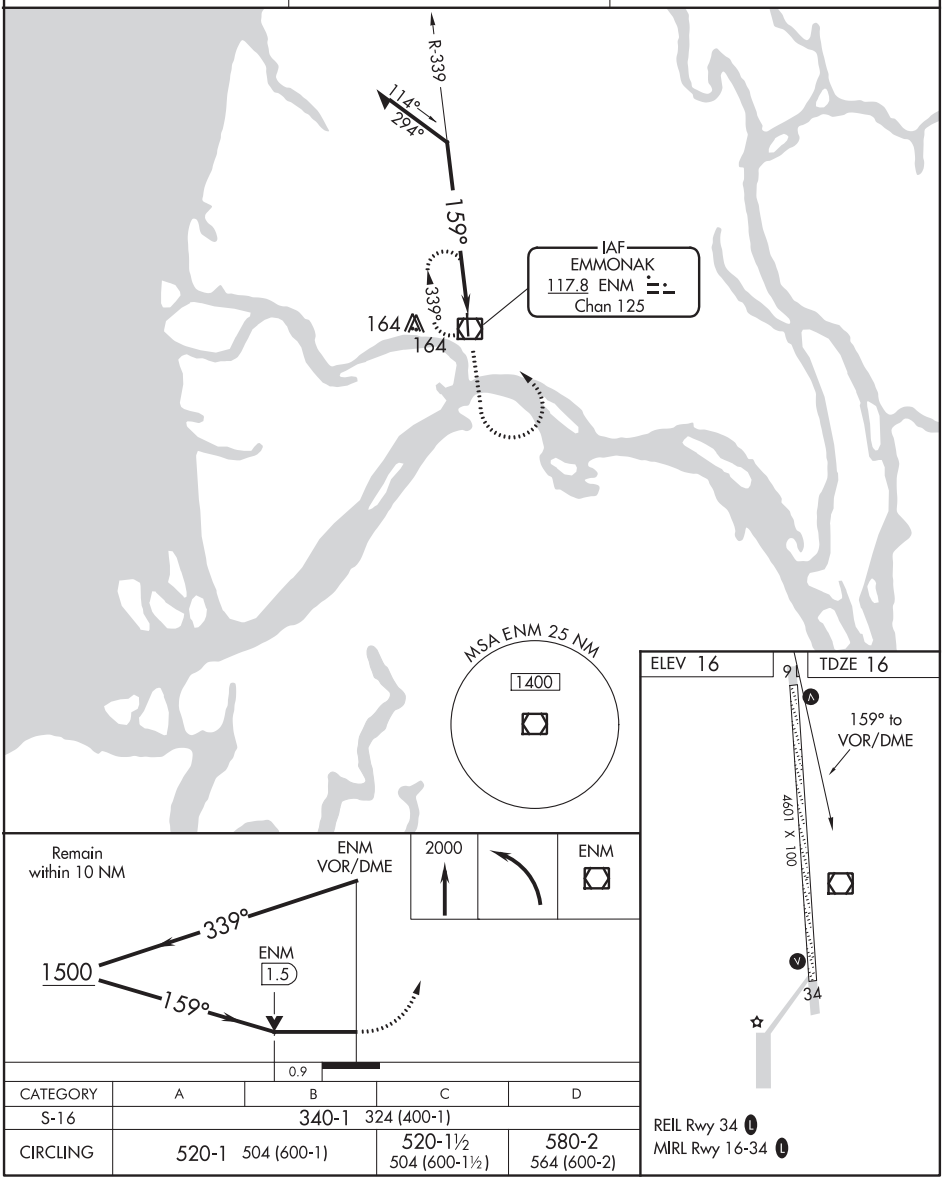
VOR/DME ENM	APP CRS	Rwy ldg	4601
117.8	159°	TDZE	16
Chan 125		Apt Elev	16

VOR RWY 16
EMMONAK (ENM) (PAEM)

If local altimeter setting not received, use St. Mary's altimeter setting and increase all MDAs 180 feet.
VDP not authorized with St. Mary's altimeter setting.

MISSED APPROACH: Climb to 2000 then left turn direct ENM VOR/DME and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
135.35	124.5	122.9 L



CATEGORY	A	B	C	D
S-16	340-1 324 (400-1)			
CIRCLING	520-1 504 (600-1)		520-1½ 504 (600-1½)	580-2 564 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

20198

FAIRBANKS, ALASKA

HI-ILS or LOC RWY 20R

LOC/DME I-FAI	APCH CRS	Rwy ldg 11,050
110.3 Chan 40	200°	TDZE 439 Arpt Elev 439

JAL-1234 [USAF]

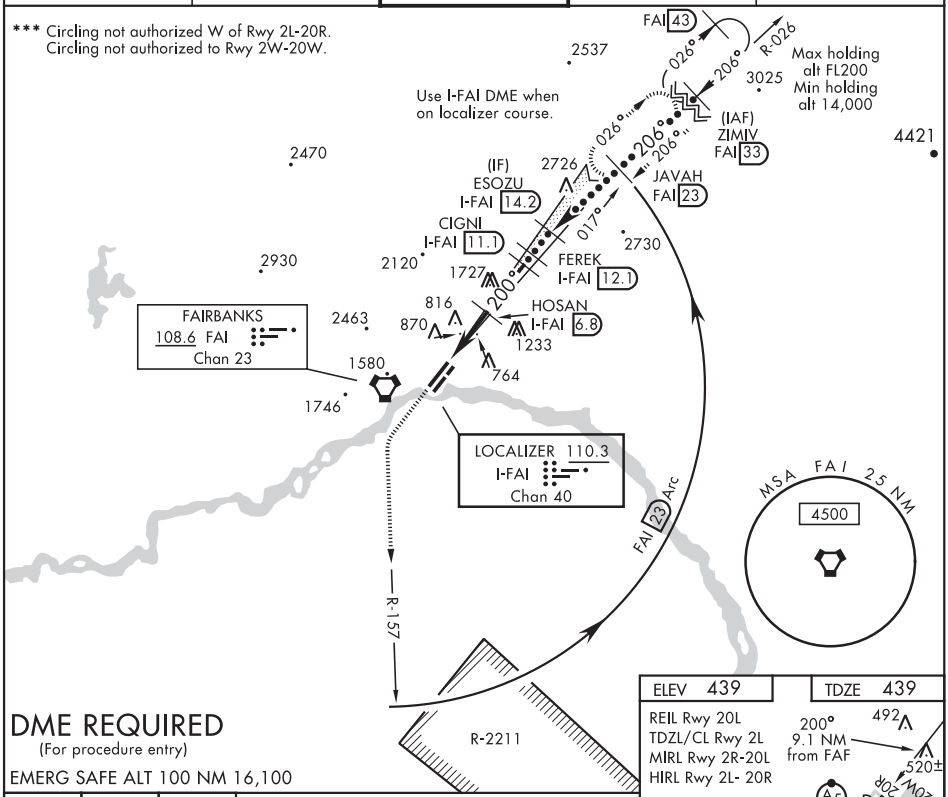
FAIRBANKS INTL (PAFA)

* When ALS inop, increase CAT E RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT E vis to 1⅜ miles.

MALSR A5

MISSED APPROACH: Climb to 8000 on heading 200° and FAI VORTAC R-157 to 23 DME, arc northbound to JAVAH/FAI VORTAC 23 DME and hold.

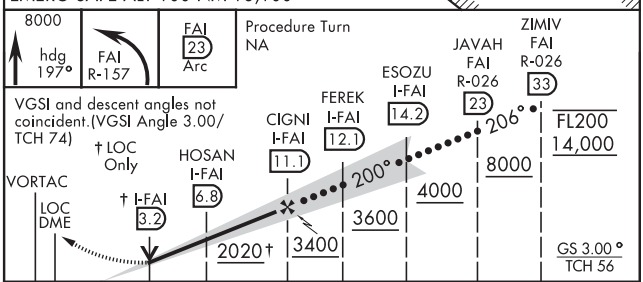
ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6

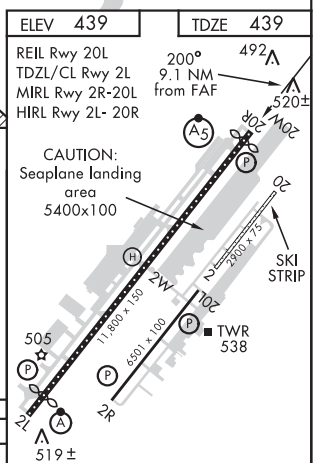


DME REQUIRED

(For procedure entry)

EMERG SAFE ALT 100 NM 16,100





Rwy 2L ldg 11,050′
Rwy 20R ldg 11,050′

CATEGORY	C	D	E
S-ILS 20R*	639/24 200 (200-½)		
S-LOC 20R**	880/45 441 (500-⅞)		
C CIRCLING***	900-1½ 461 (500-1½)	1020-2 581 (600-2)	1060-2¼ 621 (700-2¼)

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FAIRBANKS, ALASKA 64°49′N-147°52′W FAIRBANKS INTL (PAFA)

Amdt 5A 16JUL20

HI-ILS or LOC RWY 20R

ILS or LOC RWY 2L
FAIRBANKS INTL (FAI) (PAFA)

LOC/DME I-CNA	APP CRS	Rwy ldg	11050
109.1 Chan 28	020°	TDZE	439
		Apt Elev	439

DME Required.

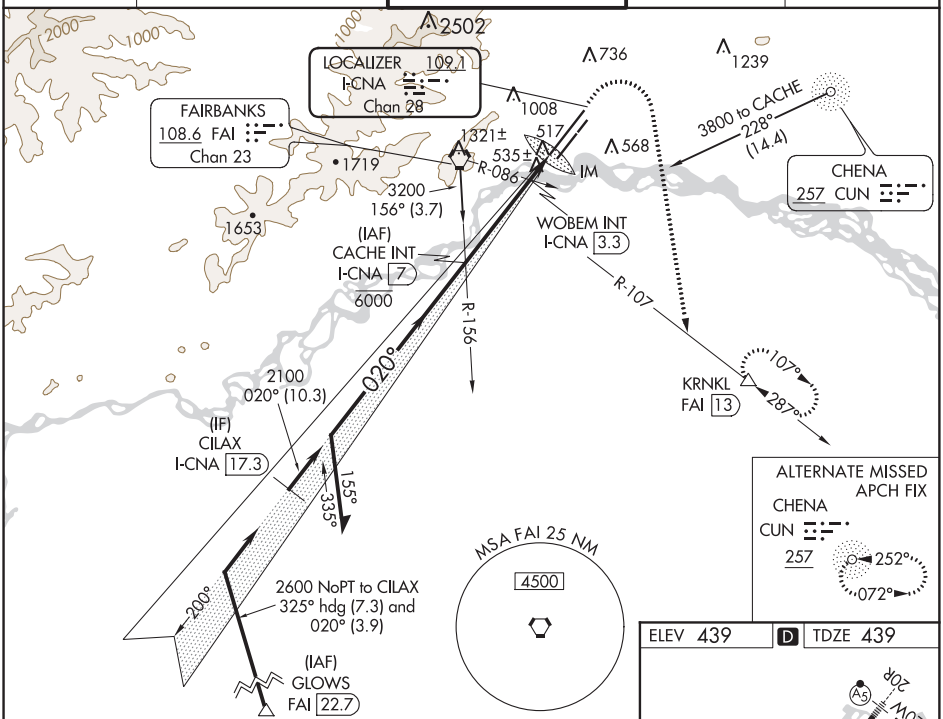
Circling NA west of Rwy 2L-20R. Circling NA to Rwys 2W and 20W. For inop ALS, increase S-ILS 2L Cat E visibility to RVR 4000 and S-LOC 2L Cat C/D/E visibility to RVR 5500.

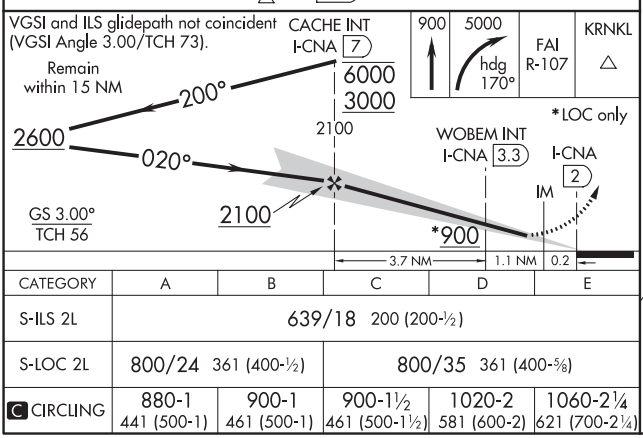
-32°C

ALSF-2

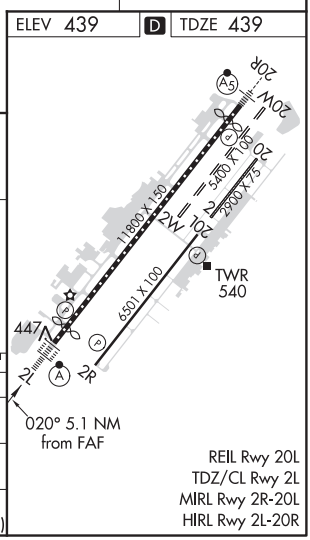
MISSED APPROACH: Climb to 900 then climbing right turn to 5000 on heading 170° and FAI VORTAC R-107 to KRNKL/FAI 13 DME and hold, continue climb-in-hold to 5000.

ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6





CATEGORY	A	B	C	D	E
S-ILS 2L	639/18 200 (200-½)				
S-LOC 2L	800/24 361 (400-½)		800/35 361 (400-⅝)		
C CIRCLING	880-1 441 (500-1)	900-1 461 (500-1)	900-1½ 461 (500-1½)	1020-2 581 (600-2)	1060-2¼ 621 (700-2¼)



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

FAIRBANKS, ALASKA | AL-1234 (FAA) | 20198

ILS or LOC RWY 20R
FAIRBANKS INTL (FAI) (PAFA)

LOC/DME I-FAI	APP CRS	Rwy ldg 11050
110.3	200°	TDZE 439
Chan 40		Apt Elev 439

DME Required. DME required for procedure entry.

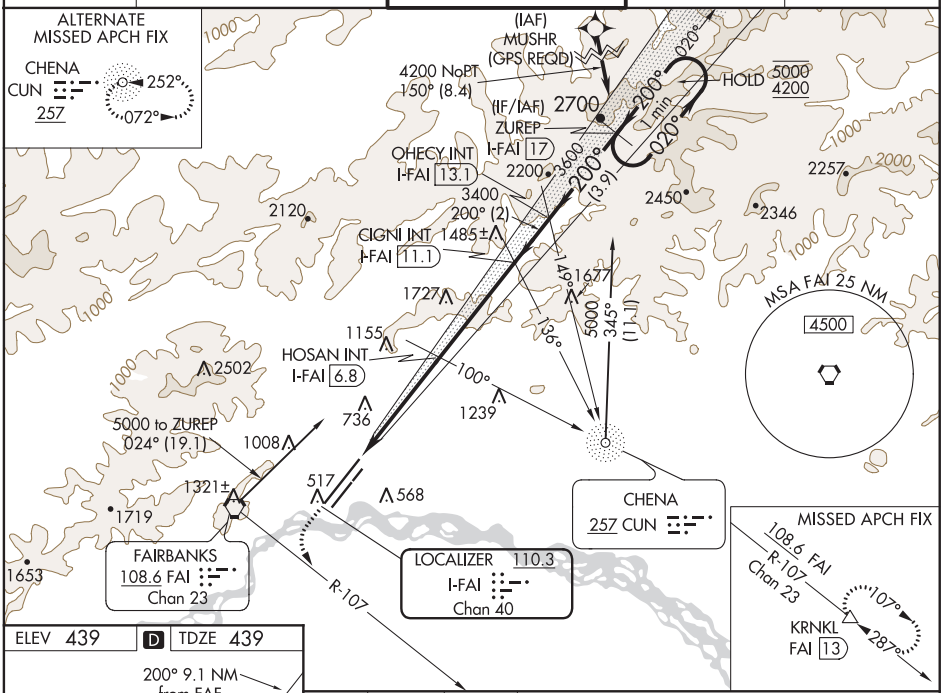
Circling NA west of Rwy 2L-20R. Circling NA to Rwys 2W and 20W. For inop ALS increase S-ILS 20R Cat E visibility to RVR 4000, increase S-LOC 20R Cat E visibility to 1⅜ SM. #RVR 1800 authorized with use of FD or AP or HUD to DA.

-32°C

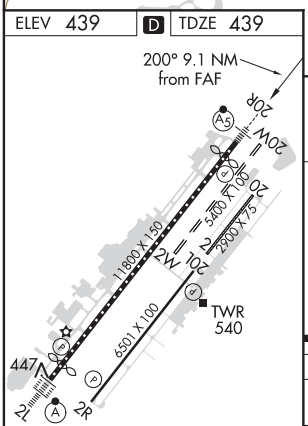
MALSR

MISSED APPROACH: Climb to 1100 then climbing left turn to 3000 on FAI VORTAC R-107 to KRNKL/FAI VORTAC 13 DME and hold.

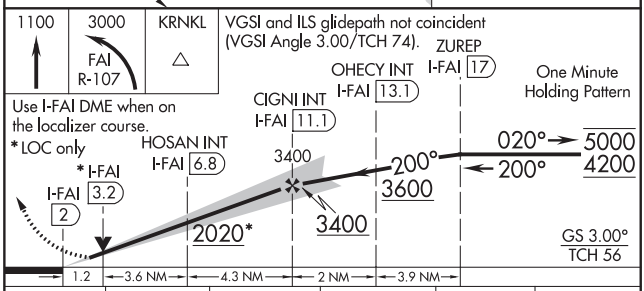
ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6



ELEV 439 | D | TDZE 439



REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R



CATEGORY	A	B	C	D	E
S-ILS 20R#	639/24 200 (200-½)				
S-LOC 20R	880/24 441 (500-½)		880/45 441 (500-⅞)		
C CIRCLING	880-1 441 (500-1)	900-1 461 (500-1)	900-1½ 461 (500-1½)	1020-2 581 (600-2)	1060-2¼ 621 (700-2¼)

FAIRBANKS, ALASKA
Amdt 25B 08NOV18

64°49′N-147°51′W

FAIRBANKS INTL (FAI) (PAFA)
ILS or LOC RWY 20R

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ILS RWY 2L (SA CAT I)
FAIRBANKS INTL (FAI) (PAFA)

LOC/DME I-CNA	APP CRS	Rwy ldg	11050
109.1 Chan 28	020°	TDZE	439
		Apt Elev	439

DME Required.

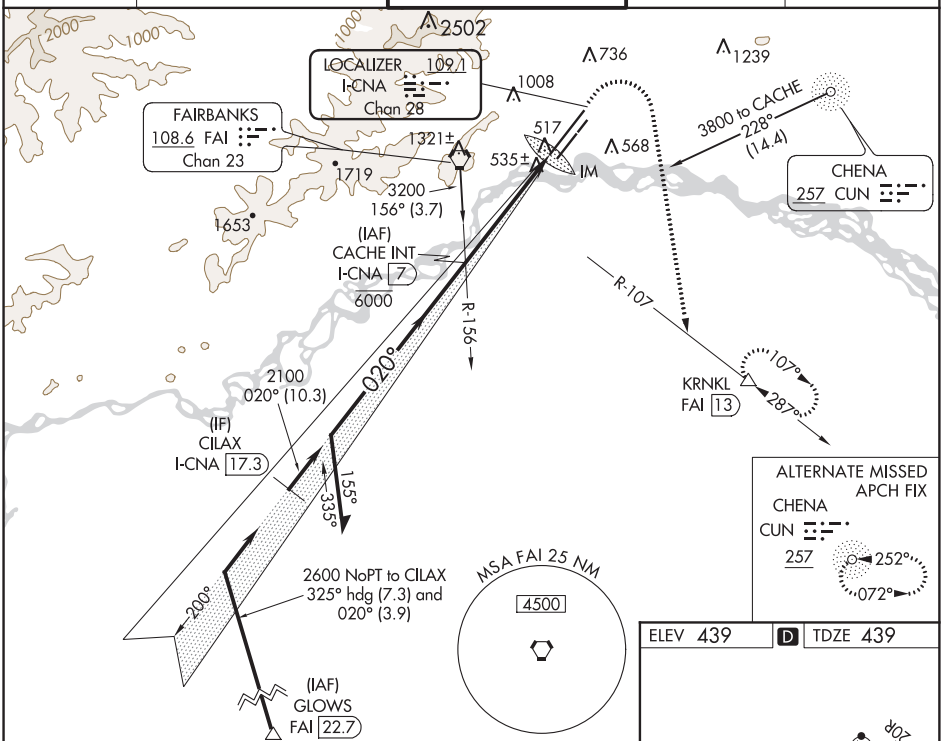
Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

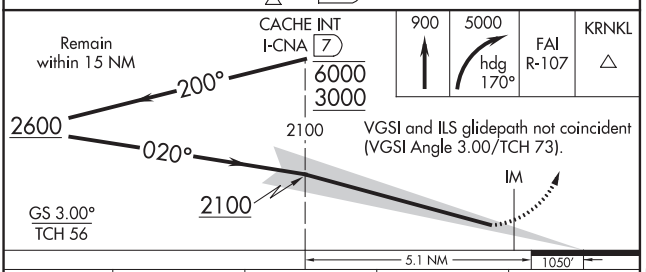
-32°C

ALSF-2

MISSED APPROACH: Climb to 900 then climbing right turn to 5000 on heading 170° and FAI VORTAC R-107 to KRNKL/FAI 13 DME and hold, continue climb-in-hold to 5000.

ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6

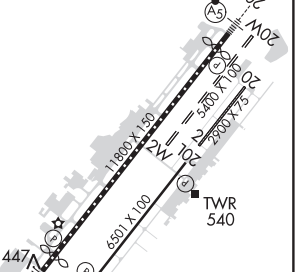




CATEGORY	A	B	C	D
S-ILS 2L	RA 139/14 150 DA 589			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 439 D TDZE 439



REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R

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AK, 05 NOV 2020 to 31 DEC 2020

FAIRBANKS, ALASKA | AL-1234 (FAA) | 20198

ILS RWY 20R (SA CAT I & II)

FAIRBANKS INTL (FAI) (PAFA)

LOC/DME I-FAI	APP CRS	Rwy ldg	11050
110.3	200°	TDZE	439
Chan 40		Apt Elev	439

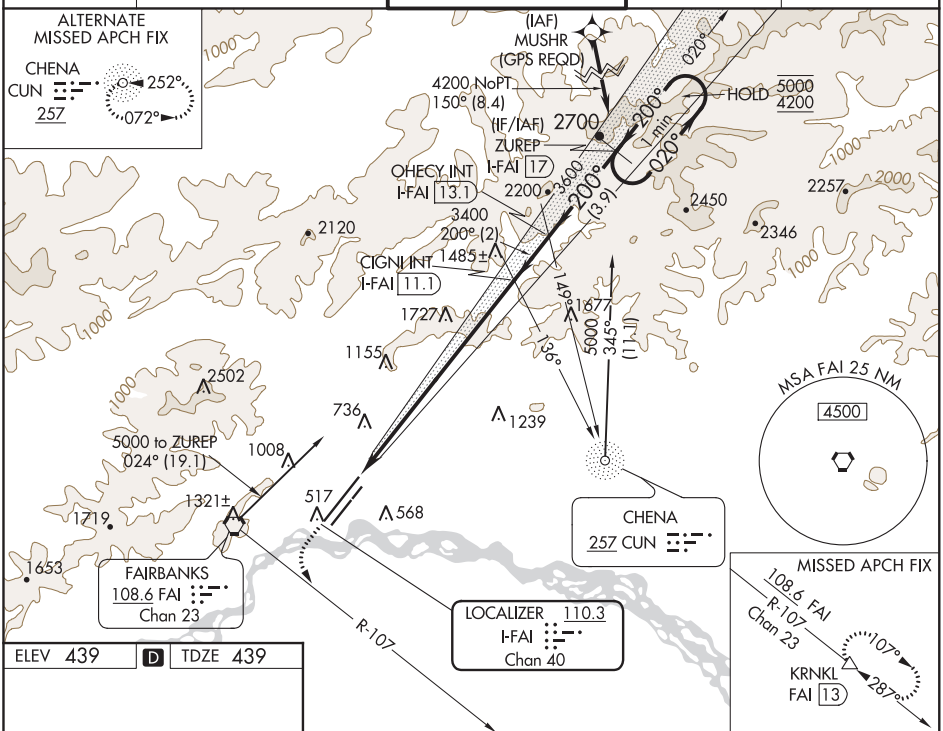
DME Required. DME required for procedure entry.

SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.
SA CAT II: Reduced lighting: requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.
-32°C

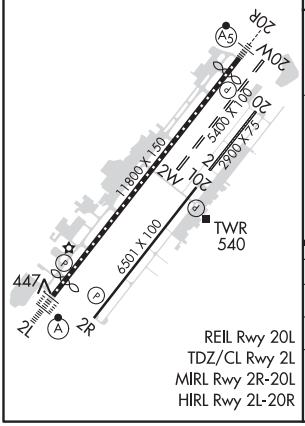
MALSR

MISSED APPROACH: Climb to 1100 then climbing left turn to 3000 on FAI VORTAC R-107 to KRNKL/ FAI VORTAC 13 DME and hold.

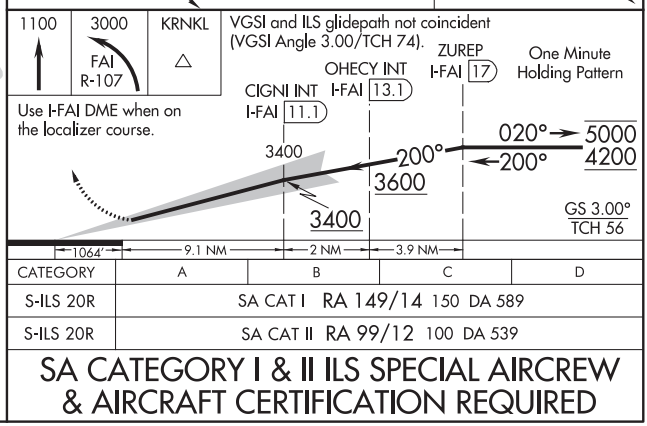
ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6



ELEV 439 | D | TDZE 439



REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R



CATEGORY	A	B	C	D
S-ILS 20R	SA CAT I RA 149/14 150 DA 589			
S-ILS 20R	SA CAT II RA 99/12 100 DA 539			

SA CATEGORY I & II ILS SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

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AK, 05 NOV 2020 to 31 DEC 2020

ILS RWY 2L (CAT II & III)
FAIRBANKS INTL (FAI) (PAFA)

LOC/DME I-CNA	APP CRS	Rwy ldg	11050
109.1	020°	TDZE	439
Chan 28		Apt Elev	439

DME Required.

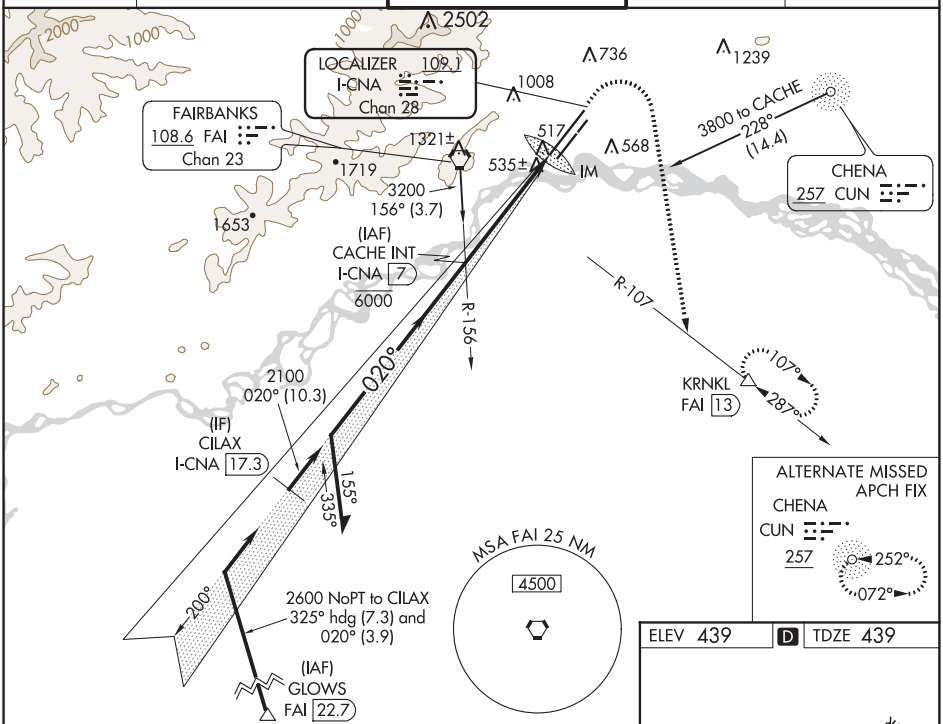
CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

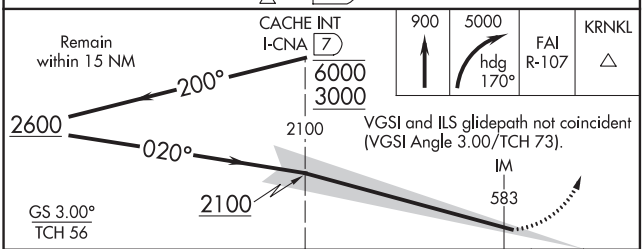
-32°C

ALSF-2

MISSED APPROACH: Climb to 900 then climbing right turn to 5000 on heading 170° and FAI VORTAC R-107 to KRNKL/FAI 13 DME and hold, continue climb-in-hold to 5000.

ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6

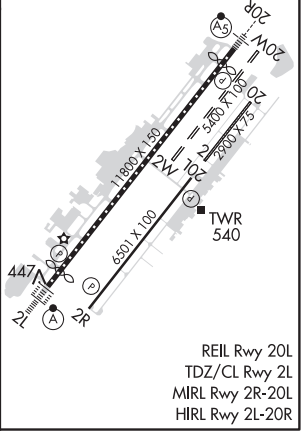




CATEGORY	A	B	C	D
S-ILS 2L	CAT II RA 104/12 100 DA 539			
S-ILS 2L	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 439 | D | TDZE 439



REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

FAIRBANKS, ALASKA | AL-1234 (FAA) | 20198

RNAV (RNP) Z RWY 2L
FAIRBANKS INTL (FAI) (PAFA)

APP CRS		
020°	TDZE	439
	Apt Elev	439

11050

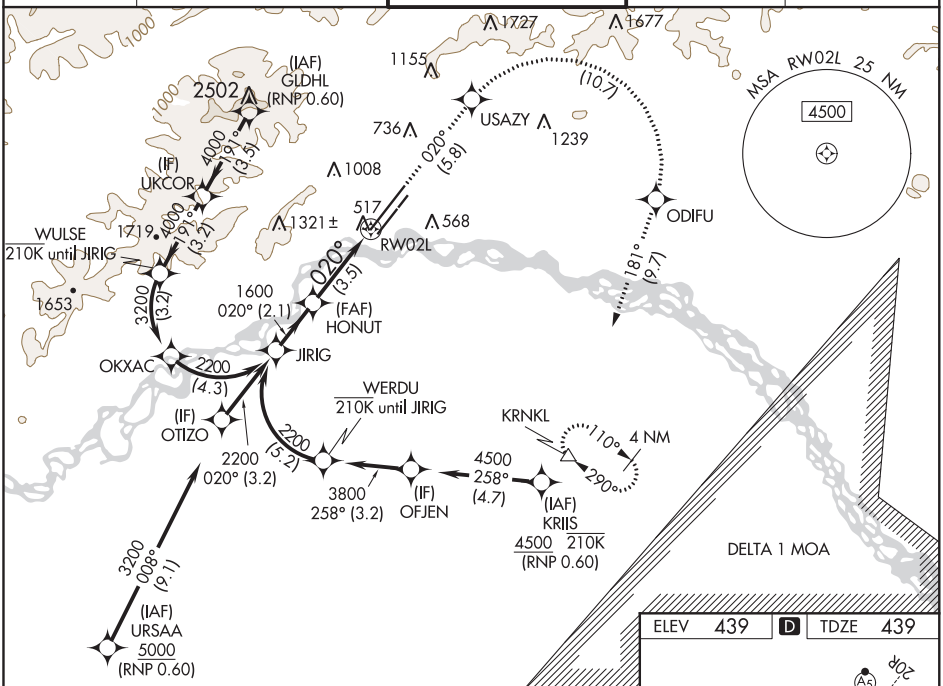
-32°C

For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F).
RF and GPS required.
For inop ALS, increase RNP 0.15 all Cats visibility to RVR 6000.

ALSF-2

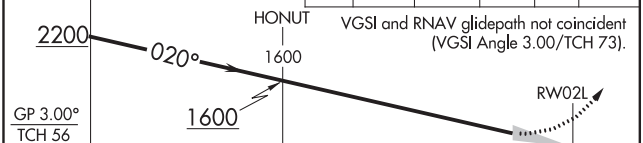
MISSED APPROACH: Climb to 5000 on track 020° to USAZY and right turn to ODIFU and track 181° to KRNKL and hold.

ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6



See planview for multiple IF locations.

5000	USAZY		ODIFU		KRNKL
tr 020°				tr 181°	

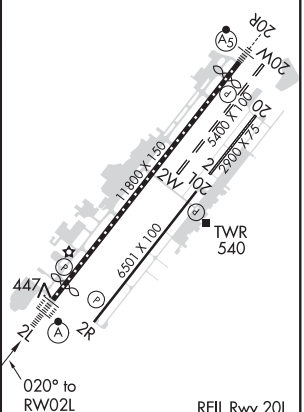


VGSI and RNAV glidepath not coincident
(VGSI Angle 3.00/TCH 73).

CATEGORY	A	B	C	D
RNP 0.15 DA	798/40	359 (400-¾)		
RNP 0.30 DA	851/45	412 (500-⅞)		

AUTHORIZATION REQUIRED

ELEV 439 | D | TDZE 439



REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	11050
200°	TDZE	439
	Apt Elev	439

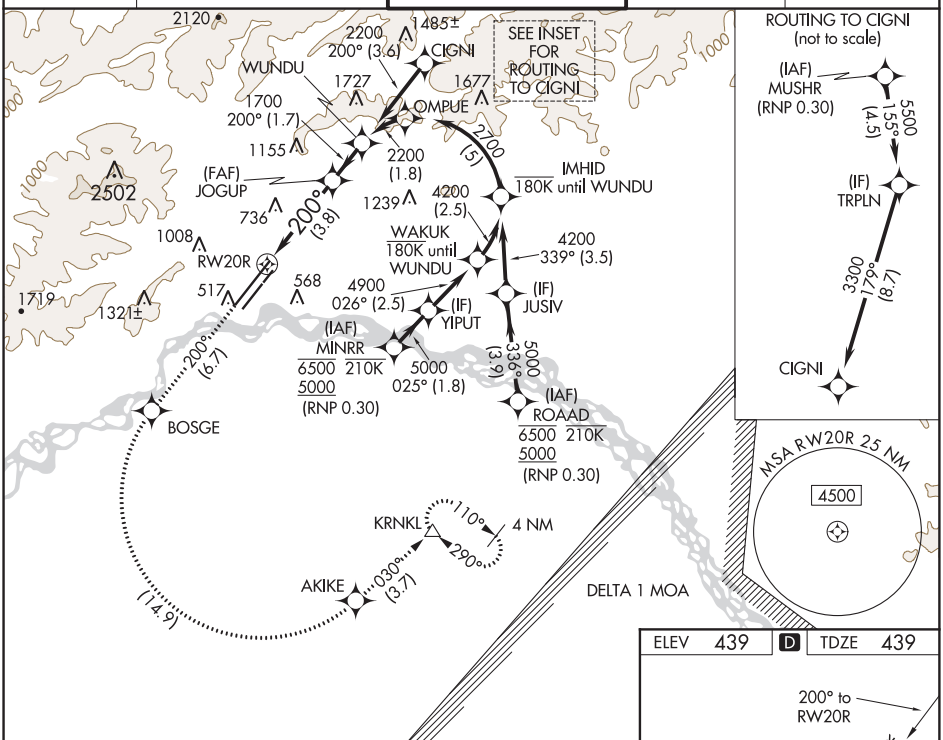
RNAV (RNP) Z RWY 20R
FAIRBANKS INTL (FAI) (PAFA)

-32°C For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). RF and GPS required. For inop ALS, increase RNP 0.10 all Cats visibility to RVR 5000.

MALSR

MISSED APPROACH: Climb to 4000 on track 200° to BOSGE then left turn to AKIKE and on track 030° to KRNKL and hold.

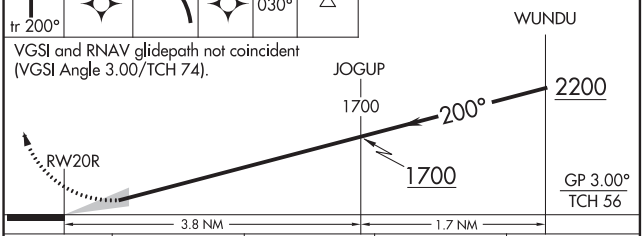
ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6



4000	BOSGE		AKIKE	KRNKL
tr 200°			tr 030°	

See planview for multiple IF locations.

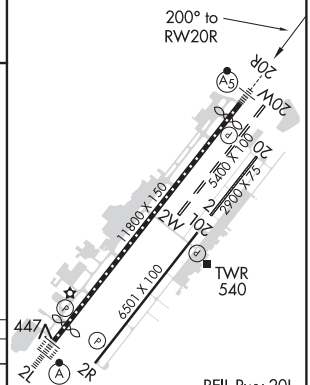
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 74).



CATEGORY	A	B	C	D
RNP 0.10 DA	763/30	324 (400-⅝)		
RNP 0.30 DA	922/60	483 (500-1¼)		

AUTHORIZATION REQUIRED

ELEV 439 D TDZE 439



REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

FAIRBANKS, ALASKA | AL-1234 (FAA) | 20198

RNAV (GPS) RWY 2R
FAIRBANKS INTL (FAI) (PAFA)

WAAS CH 53612 W02A	APP CRS 020°	Rwy ldg 6501 TDZE 433 Apt Elev 439

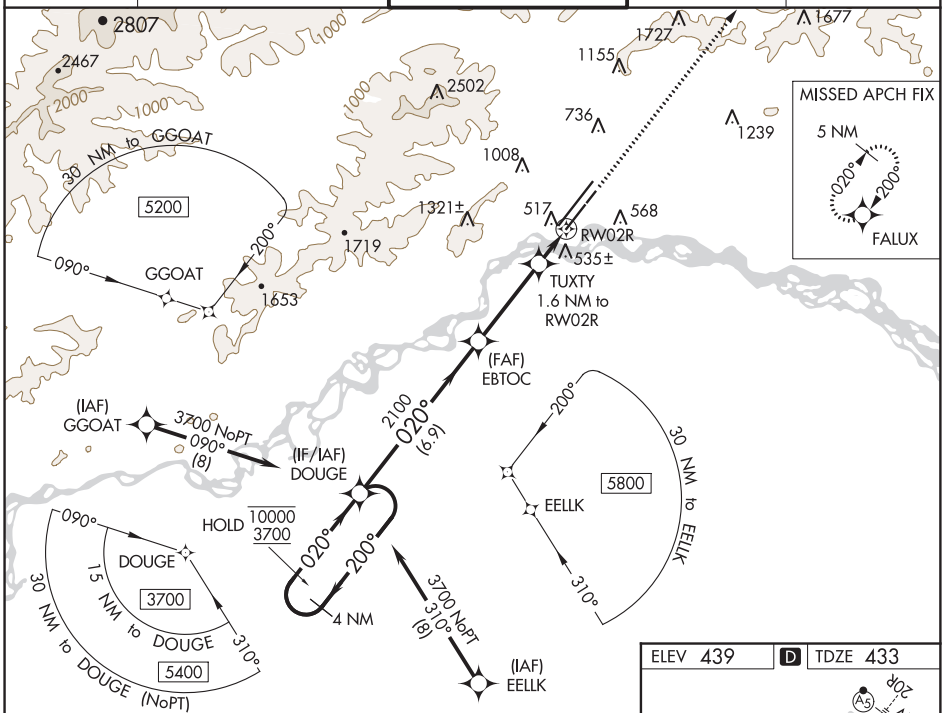
RNP APCH.

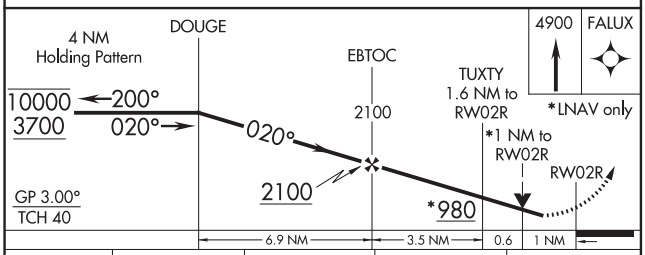
Circling NA west of Rwy 2L/20R. Circling NA to Rwys 2W and 20W. Rwy 2R helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C.

-32°C

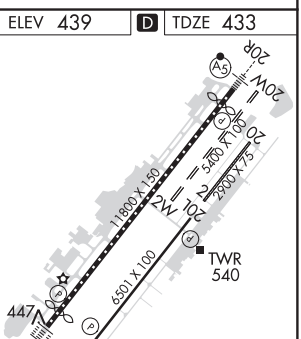
MISSED APPROACH: Climb to 4900 direct FALUX and hold, continue climb-in-hold to 4900.

ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6





CATEGORY	A	B	C	D
LPV DA	683-⅞ 250 (300-⅞)			
LNAV/VNAV DA	731-1 298 (300-1)			
LNAV MDA	800-1 367 (400-1)			
C CIRCLING	880-1 441 (500-1)	900-1 461 (500-1)	900-1½ 461 (500-1½)	1020-2 581 (600-2)



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 93812 W20A	APP CRS 200°	Rwy ldg 6501 TDZE 434 Apt Elev 439

RNAV (GPS) RWY 20L
FAIRBANKS INTL (FAI) (PAFA)

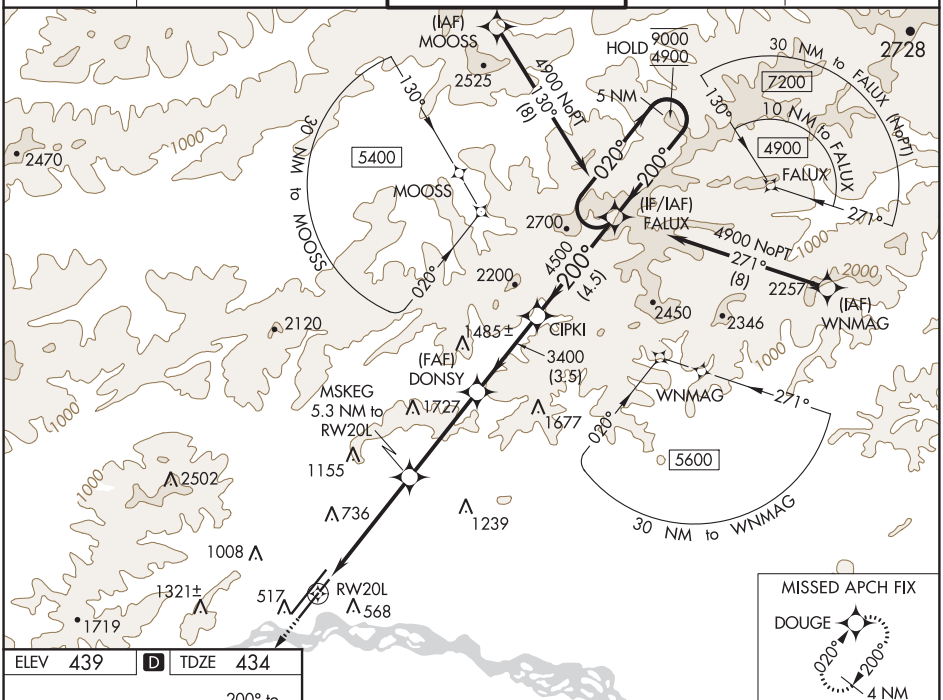
RNP APCH.

-32°C

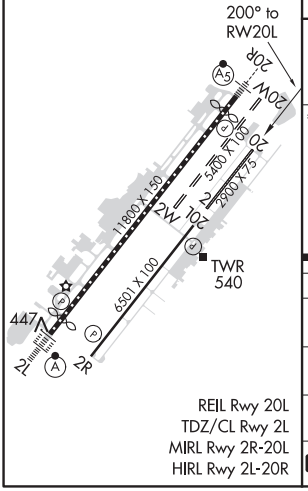
Circling NA west of Rwy 2L/20R. Circling NA to Rwys 2W and 20W. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C.

MISSED APPROACH: Climb to 3700 direct DOUGE and hold, continue climb-in-hold to 3700.

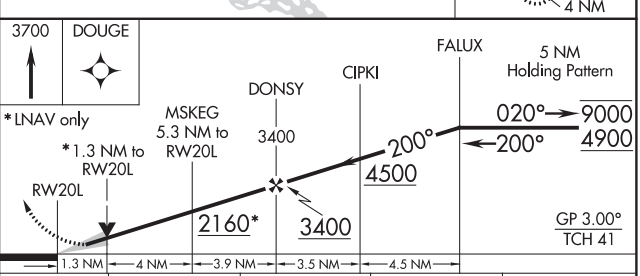
ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6



ELEV 439 | D | TDZE 434



REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R



CATEGORY	A	B	C	D
LPV DA	684-⅞ 250 (300-⅞)			
LNAV/VNAV DA	702-⅞ 268 (300-⅞)			
LNAV MDA	880-1 446 (500-1)		880-1⅜ 446 (500-1⅜)	
C CIRCLING	880-1 441 (500-1)	900-1 461 (500-1)	900-1½ 461 (500-1½)	1020-2 581 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020
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FAIRBANKS, ALASKA | AL-1234 (FAA) | 20198

RNAV (GPS) Y RWY 2L
FAIRBANKS INTL (FAI) (PAFA)

WAAS CH 57915 W02B	APP CRS 020°	Rwy ldg 11050 TDZE 439 Apt Elev 439

RNP APCH.

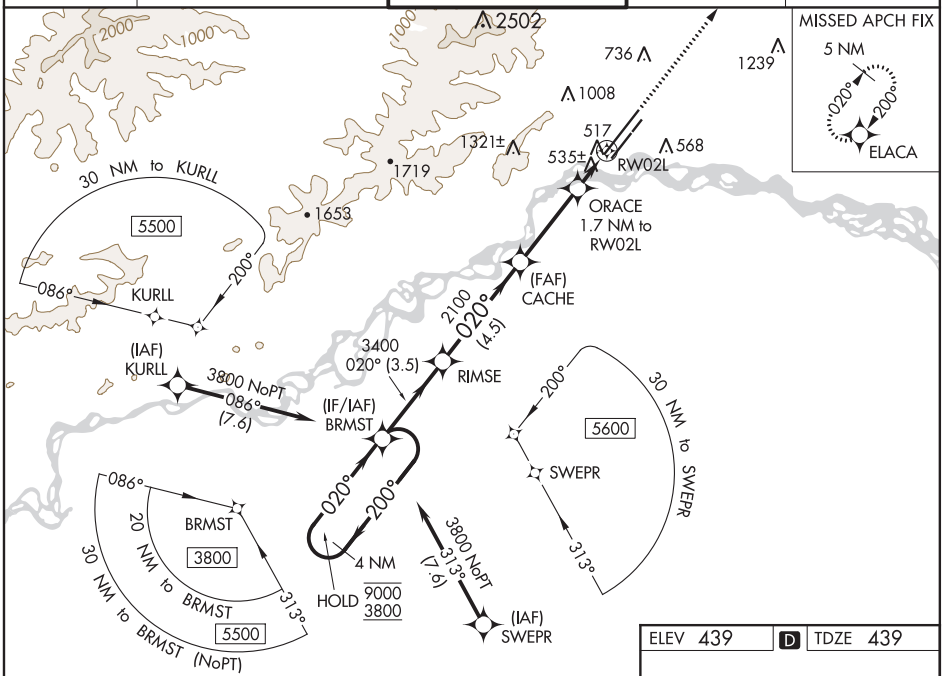
-32°C

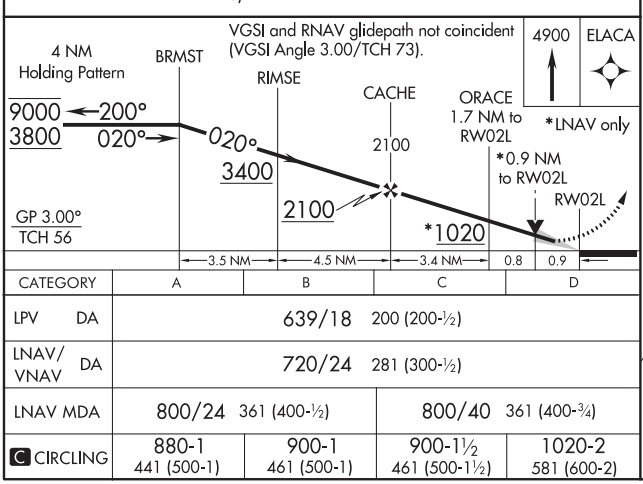
Circling NA west of Rwy 2L-20R. Circling NA to Rwys 2W and 20W. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 4500 and LNAV Cat C/D visibility to RVR 5500 .

ALSF-2

MISSED APPROACH: Climb to 4900 direct ELACA and hold, continue climb-in hold to 4900.

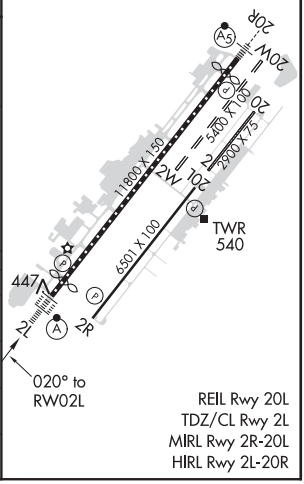
ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6





CATEGORY	A	B	C	D
LPV DA	639/18 200 (200-½)			
LNAV/VNAV DA	720/24 281 (300-½)			
LNAV MDA	800/24 361 (400-½)		800/40 361 (400-¾)	
C CIRCLING	880-1 441 (500-1)	900-1 461 (500-1)	900-1½ 461 (500-1½)	1020-2 581 (600-2)

ELEV 439 | D | TDZE 439



REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R

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AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 58329 W20B	APP CRS 200°	Rwy ldg 11050 TDZE 439 Apt Elev 439

RNAV (GPS) Y RWY 20R
FAIRBANKS INTL (FAI) (PAFA)

RNP APCH.

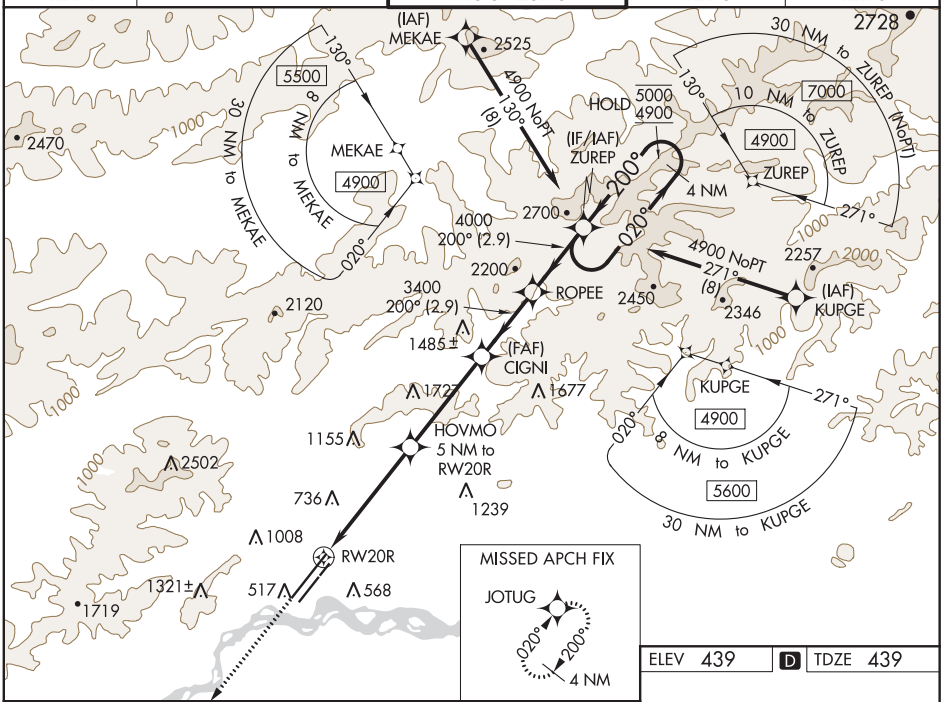
-32°C

Circling NA west of Rwy 2L-20R. Circling NA to Rwys 2W and 20W. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.
RVR 1800 authorized with use of FD or AP or HUD to DA.

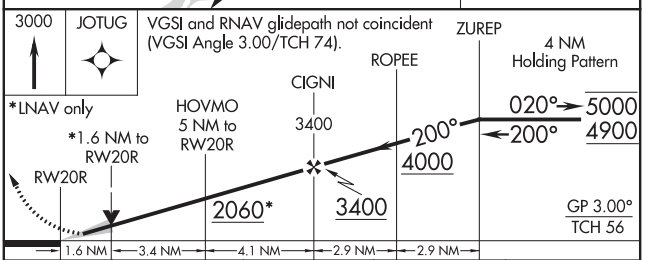
MALSR

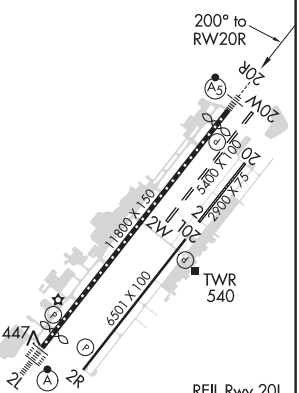
MISSED APPROACH: Climb to 3000 direct JOTUG and hold.

ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6



ELEV 439 | D | TDZE 439





REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R

CATEGORY	A	B	C	D
LPV DA#	639/24 200 (200-½)			
LNAV/VNAV DA	1148-2 709 (800-2)			
LNAV MDA	1020/24 581 (600-½)		1020-1¼ 581 (600-1¼)	
C CIRCLING	1020-1 581 (600-1)		1020-1¾ 581 (600-1¾)	1020-2 581 (600-2)

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FAIRBANKS, ALASKA | AL-1234 (FAA) | 20198

VOR or TACAN RWY 20R

FAIRBANKS INTL (FAI) (PAFA)

VORTAC FAI 108.6 Chan 23	APP CRS 227°	Rwy ldg 11050 TDZE 439 Apt Elev 439

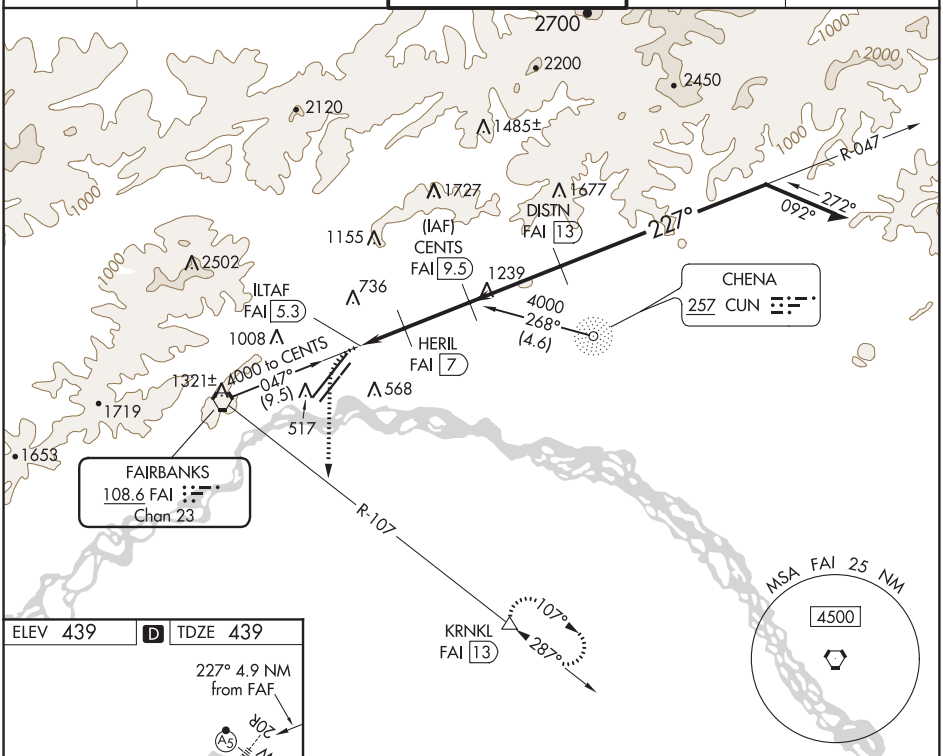
DME Required. DME required for procedure entry.

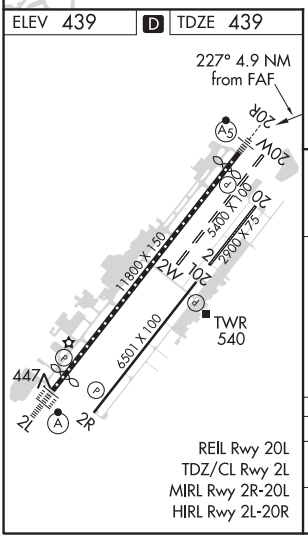
Circling NA west of Rwy 2L-20R. Inop table does not apply. Circling NA to Rwys 2W and 20W. Rwy 20 helicopter visibility reduction below RVR 4000 NA. -32°C

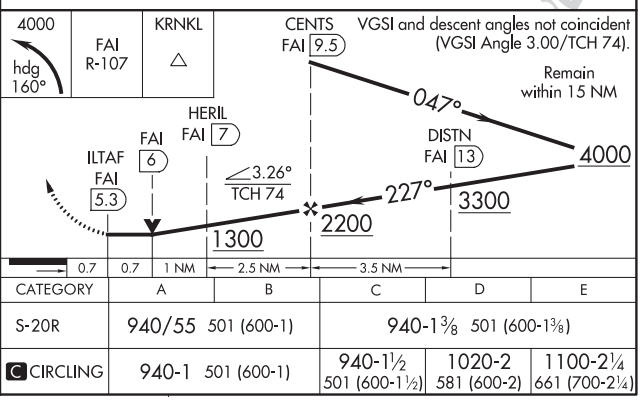
MALSR

MISSED APPROACH: Climbing left turn to 4000 on heading 160° and FAI VORTAC R-107 to KRNKL/FAI 13 DME and hold, continue climb-in-hold to 4000.

ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6







CATEGORY	A	B	C	D	E
S-20R	940/55 501 (600-1)		940-1⅜ 501 (600-1⅜)		
C CIRCLING	940-1 501 (600-1)		940-1½ 501 (600-1½)	1020-2 581 (600-2)	1100-2¼ 661 (700-2¼)

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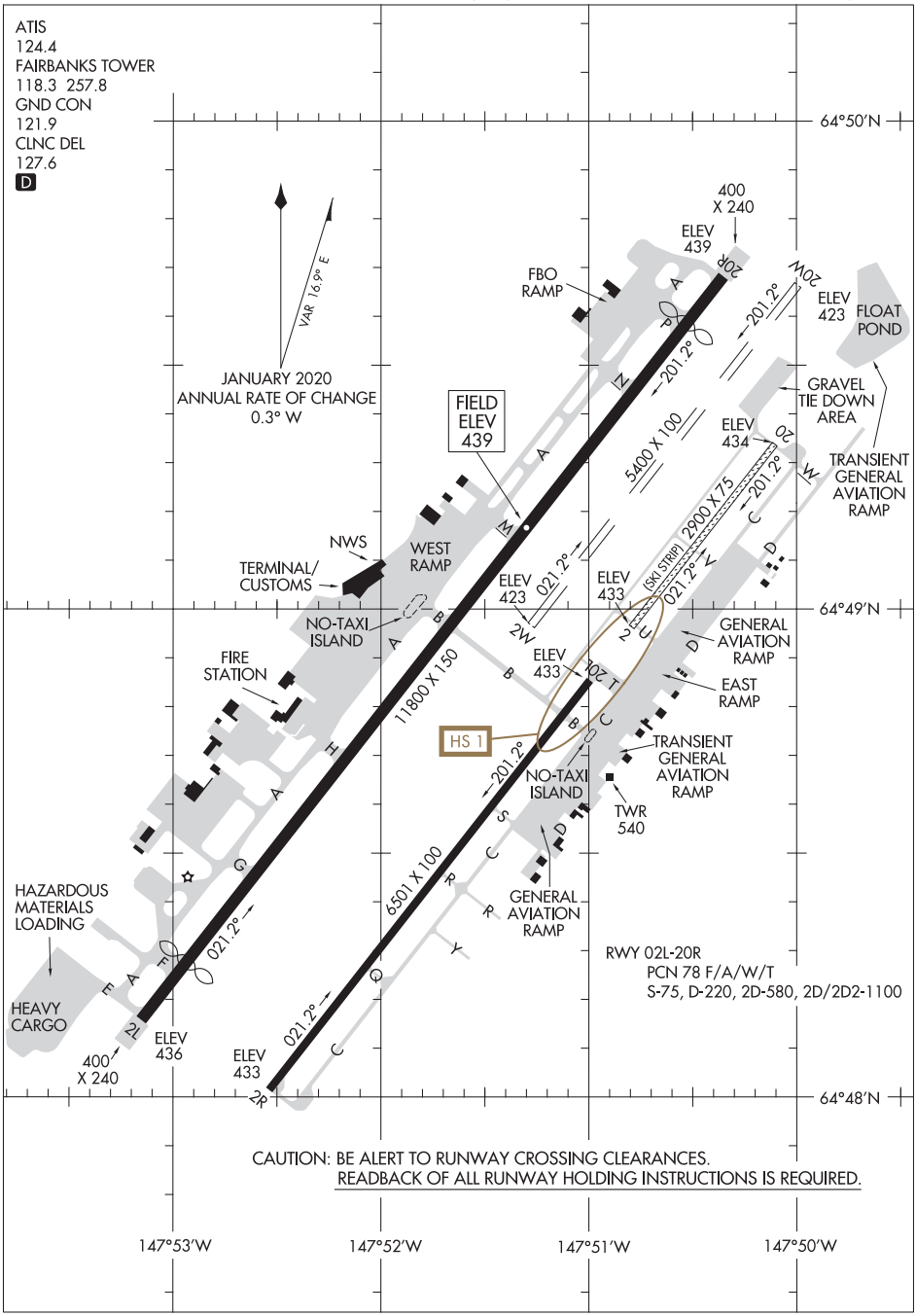


CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

(DRRLL3.DRRLL) 19227

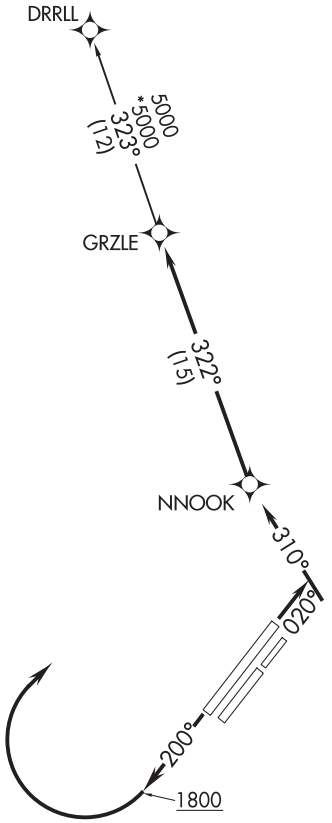
DRRLL THREE DEPARTURE (RNAV)

AL-1234 (FAA)

FAIRBANKS INTL (FAI) (PAFA)
FAIRBANKS, ALASKA

ATIS 124.4
CLNC DEL
127.6
GND CON
121.9
FAIRBANKS TOWER
118.3 257.8
FAIRBANKS DEP CON
125.35 363.2

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GPS required.
NOTE: RNAV-1.

TAKEOFF MINIMUMS
Rwys 2, 2R, 2W, 20, 20L, 20W: NA - Air Traffic.
Rwy 2L: Standard with minimum climb of 290′ per NM to 3100.
Rwy 20R: Standard with minimum climb of 270′ per NM to 3200.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climb heading 020° to intercept course 310° to NNOOK, then on track 322° to GRZLE, thence . . .
TAKEOFF RUNWAY 20R: Climb heading 200° to 1800, then climbing right turn direct NNOOK, then on track 322° to GRZLE, thence . . .

. . . on DRRLL TRANSITION, maintain ATC assigned altitude, expect filed altitude ten minutes after departure.

DRRLL TRANSITION (DRRLL3.DRRLL)

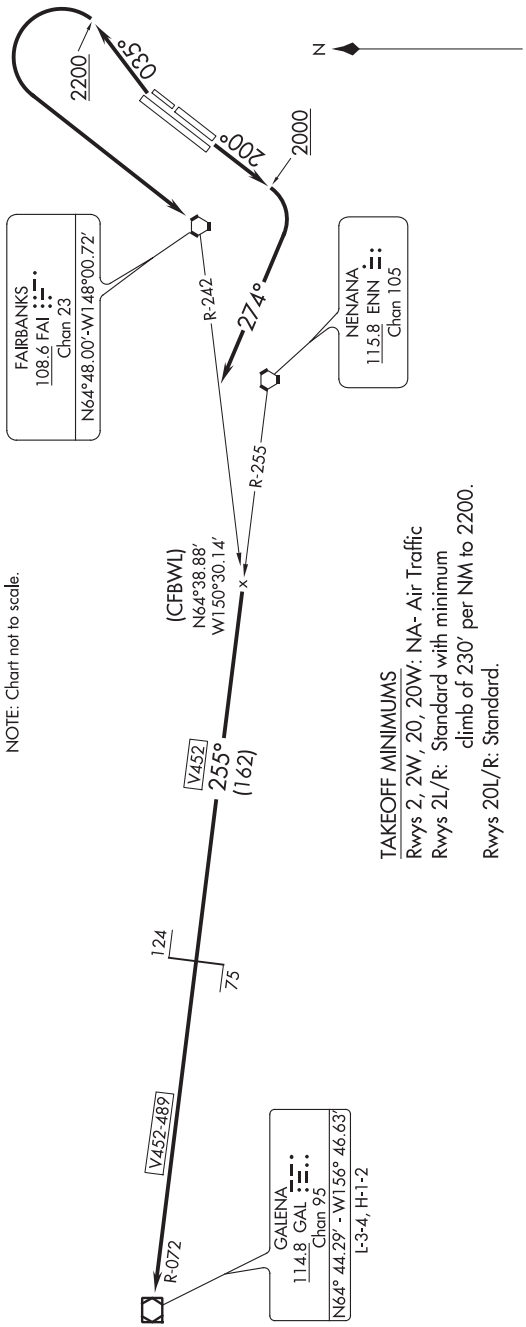
ATIS 124.4
CLNC DEL 127.6
GND CON 121.9
FAIRBANKS TOWER
118.3 257.8
FAIRBANKS DEP CON
125.35 363.2

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 2L/R: Climb heading 035° to 2200, then left turn direct FAI VORTAC, thence . . .
TAKEOFF RUNWAYS 20L/R: Climb heading 200° to 2000, then right turn heading 274°, thence . . .

. . . intercept FAI R-242 to ENN R-255, then on ENN R-255 and GAL R-072 to GAL VOR/DME, then continue climb on assigned route and altitude.

NOTE: Chart not to scale.



TAKEOFF MINIMUMS
Rwys 2, 2W, 20, 20W: NA- Air Traffic
Rwys 2L/R: Standard with minimum climb of 230' per NM to 2200.
Rwys 20L/R: Standard.

NOTE: DME Required

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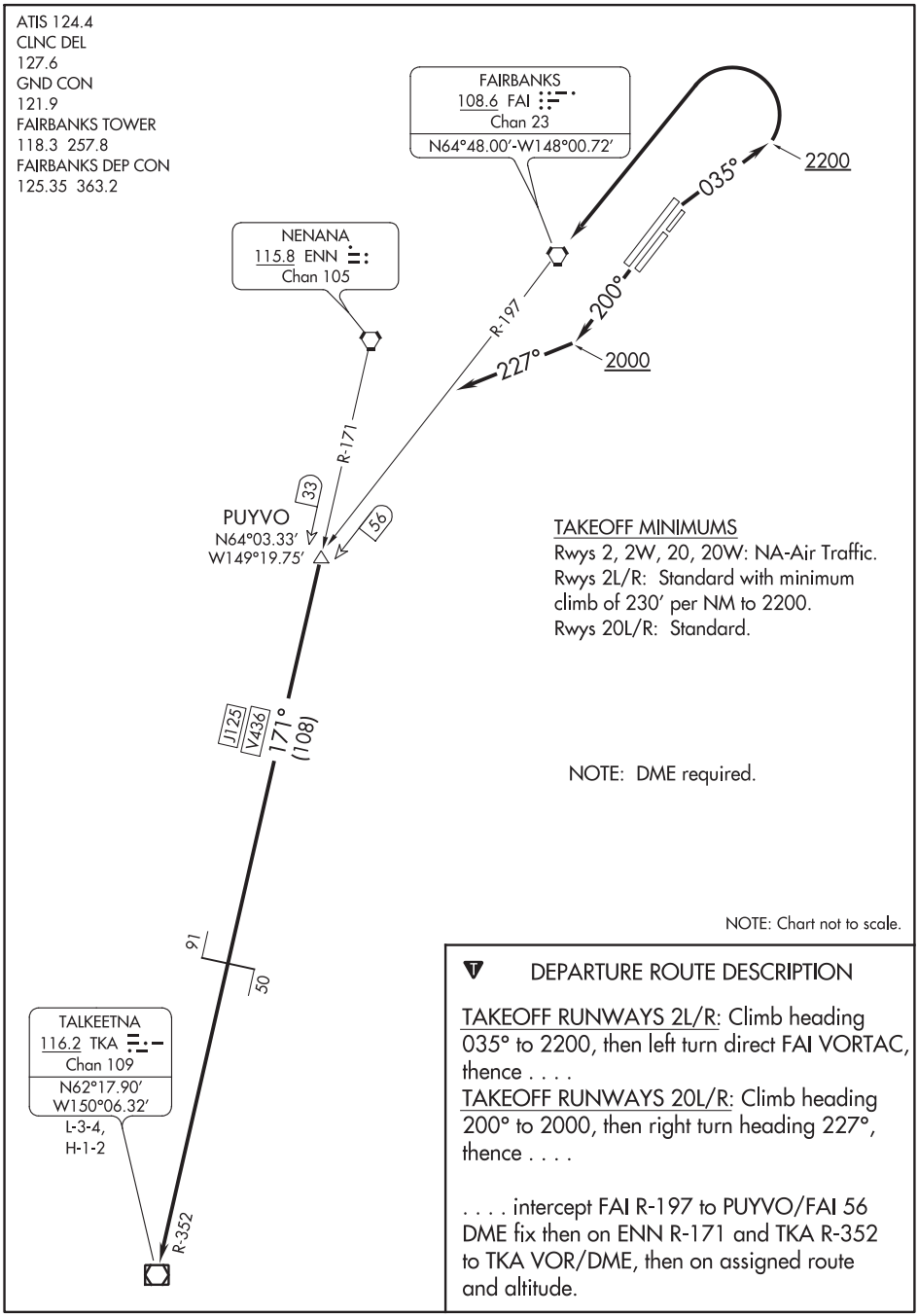
(MKNLY2.TKA) 19227

MCKINLEY TWO DEPARTURE

AL-1234 (FAA)

FAIRBANKS INTL (FAI) (PAFA)
FAIRBANKS, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

MCKINLEY TWO DEPARTURE

(MKNLY2.TKA) 15AUG19

FAIRBANKS, ALASKA
FAIRBANKS INTL (FAI) (PAFA)

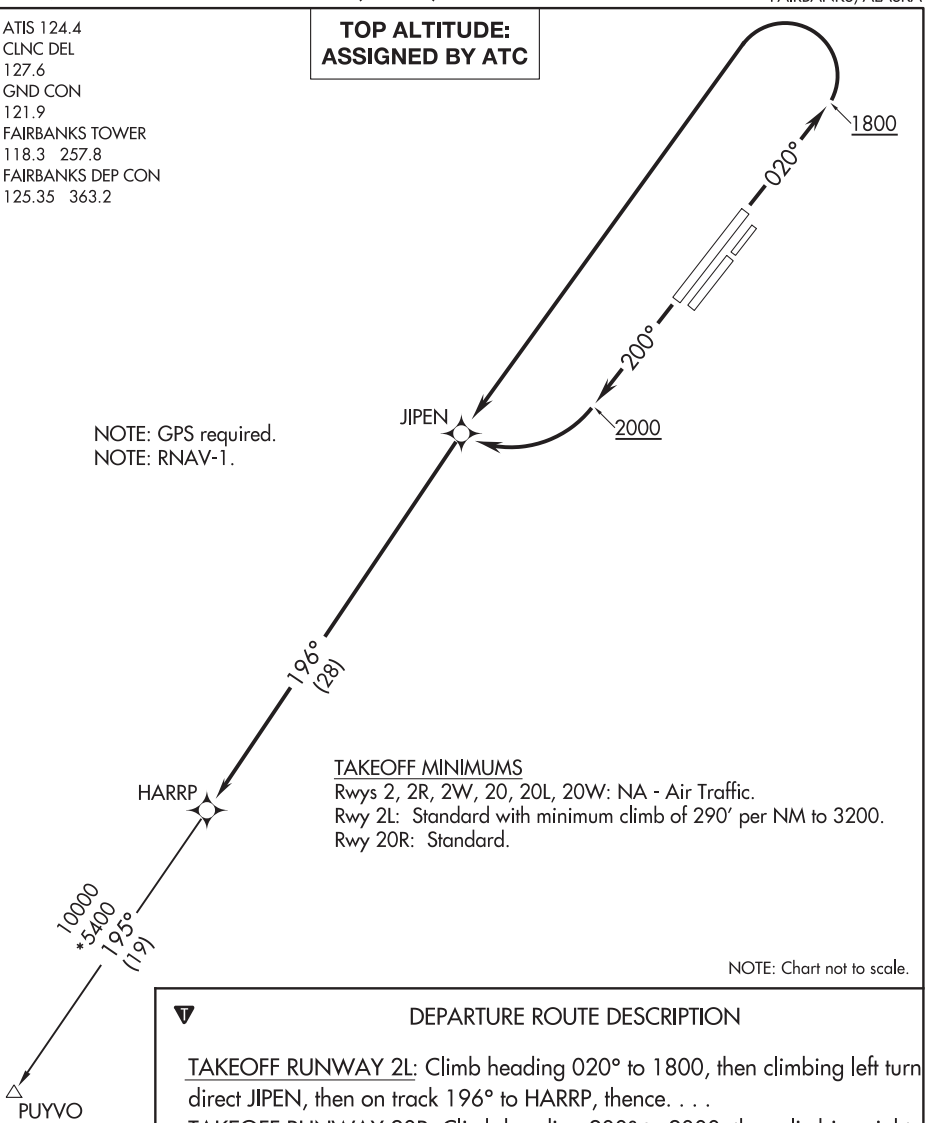
PUYVO THREE DEPARTURE (RNAV)

AL-1234 (FAA)

FAIRBANKS INTL (FAI) (PAFA)
FAIRBANKS, ALASKA

ATIS 124.4
CLNC DEL
127.6
GND CON
121.9
FAIRBANKS TOWER
118.3 257.8
FAIRBANKS DEP CON
125.35 363.2

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GPS required.
NOTE: RNAV-1.

TAKEOFF MINIMUMS
Rwys 2, 2R, 2W, 20, 20L, 20W: NA - Air Traffic.
Rwy 2L: Standard with minimum climb of 290′ per NM to 3200.
Rwy 20R: Standard.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climb heading 020° to 1800, then climbing left turn direct JIPEN, then on track 196° to HARRP, thence. . . .
TAKEOFF RUNWAY 20R: Climb heading 200° to 2000, then climbing right turn direct JIPEN, then on track 196° to HARRP, thence. . . .

. . . .On PUYVO transition, maintain ATC assigned altitude, expect filed altitude ten mintues after departure.

PUYVO TRANSITION (PUYVO3.PUYVO)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

(RDFLG3.RDFLG) 19227

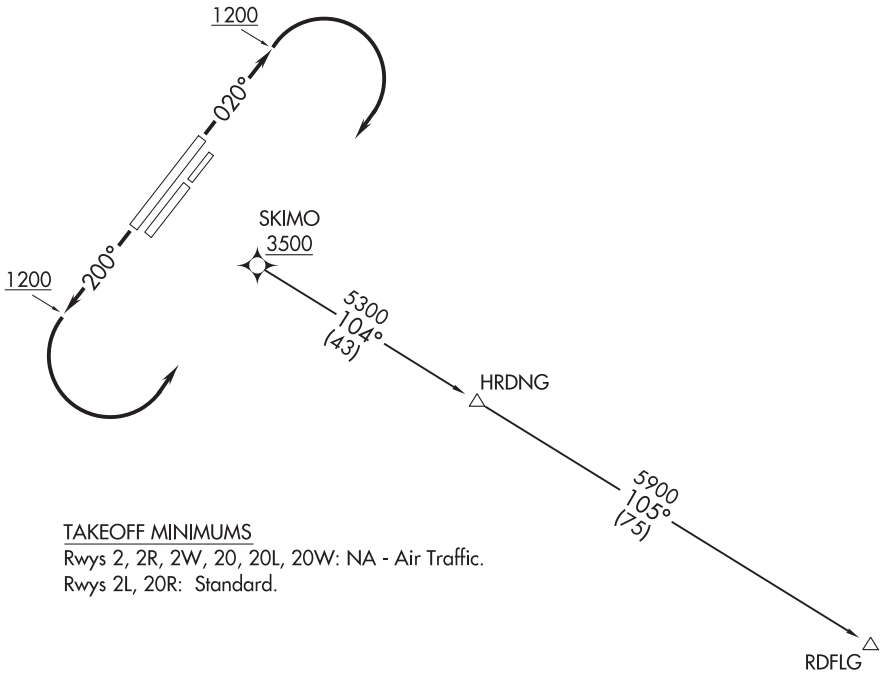
RDFLG THREE DEPARTURE (RNAV)

AL-1234 (FAA)

FAIRBANKS INTL (FAI) (PAFA)
FAIRBANKS, ALASKA

TOP ALTITUDE: 10000

ATIS 124.4
CLNC DEL
127.6
GND CON
121.9
FAIRBANKS TOWER
118.3 257.8
FAIRBANKS DEP CON
125.35 363.2



TAKEOFF MINIMUMS
Rwys 2, 2R, 2W, 20, 20L, 20W: NA - Air Traffic.
Rwys 2L, 20R: Standard.

NOTE: GPS Required.
NOTE: RNAV-1.

NOTE: Chart not to scale.

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AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climb heading 020° to 1200, then right turn direct to cross SKIMO at or above 3500, thence. . . .
TAKEOFF RUNWAY 20R: Climb heading 200° to 1200, then climbing left turn to cross SKIMO at or above 3500, thence. . . .

. . . .On RDFLG transition, climb and maintain 10000, expect 17000 ten mintues after departure.

RDFLG TRANSITION (RDFLG3.RDFLG)

WAAS CH 72939 W04A	APP CRS 040°	Rwy ldg 5000 TDZE 447 Apt Elev 447

RNAV (GPS) RWY 4
FORT YUKON (FYU) (PFYU)

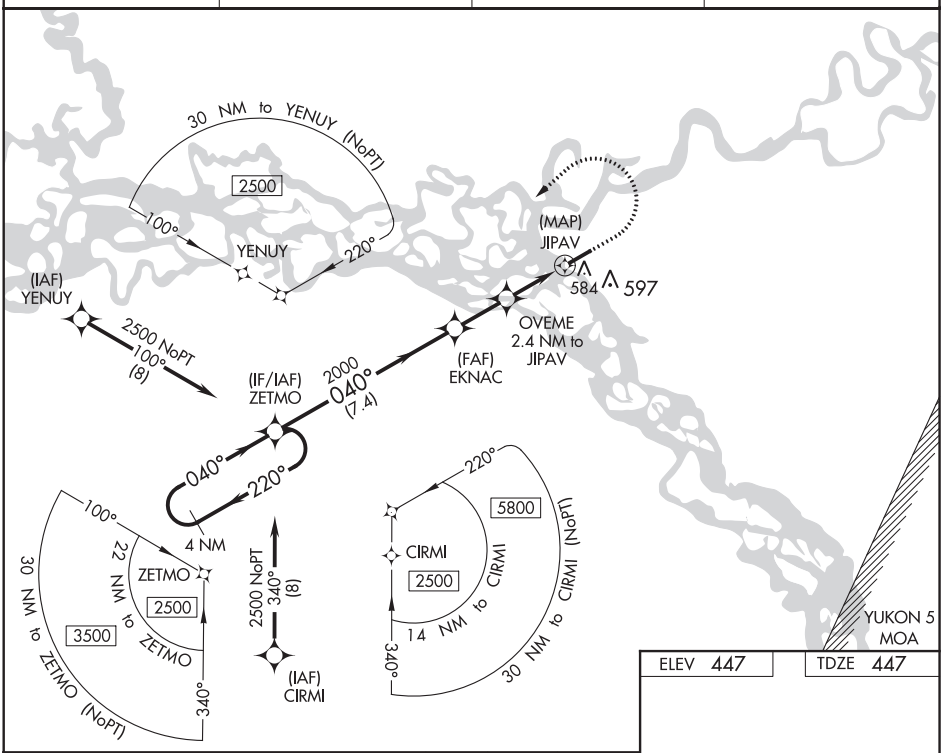
T
-45°C

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20° C (-4°F) or above 54°C (130°F). Circling NA southeast of Rwy 4-22. DME/DME RNP-0.3 NA. Rwy 4 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 1000 then climbing left turn to 2500 direct ZETMO and hold.

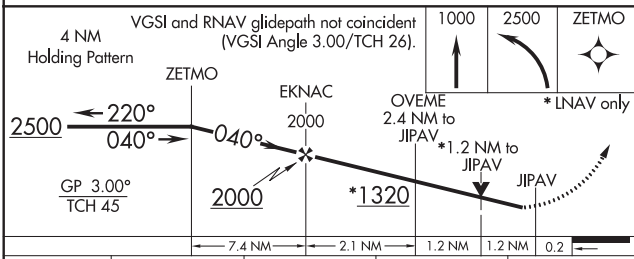
AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
125.8	135.0 225.4	122.05	122.5 L

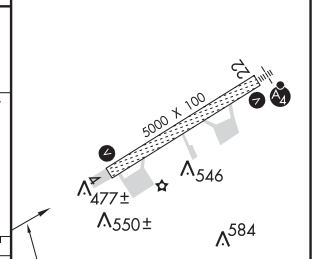
AK, 05 NOV 2020 to 31 DEC 2020



AK, 05 NOV 2020 to 31 DEC 2020

ELEV 447	TDZE 447





CATEGORY	A	B	C	D
LPV DA	697-1 250 (300-1)			
LNAV/VNAV DA	764-1 317 (400-1)			
LNAV MDA	860-1 413 (500-1)		860-1⅛ 413 (500-1⅛)	
C CIRCLING	860-1 413 (500-1)	900-1 453 (500-1)	900-1½ 453 (500-1½)	1000-2 553 (600-2)

MIRL Rwy 4-22 L

FORT YUKON, ALASKA | AL-2054 (FAA) | 17173

RNAV (GPS) RWY 22
FORT YUKON (FYU) (PFYU)

WAAS CH 50539 W22A	APP CRS 221°	Rwy ldg 5000 TDZE 447 Apt Elev 447

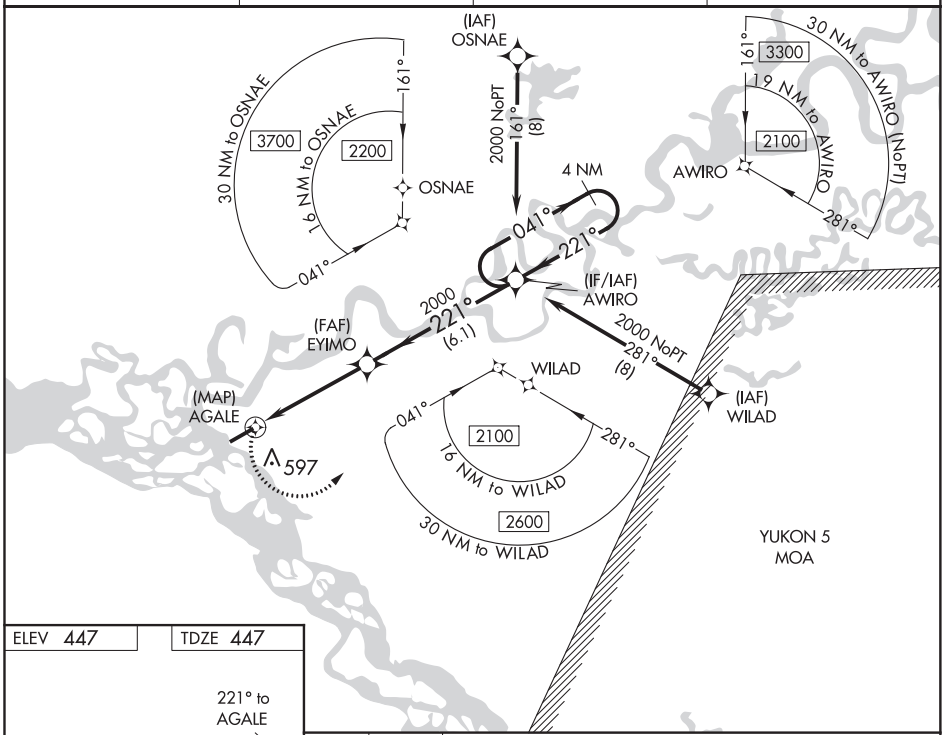
-45°C

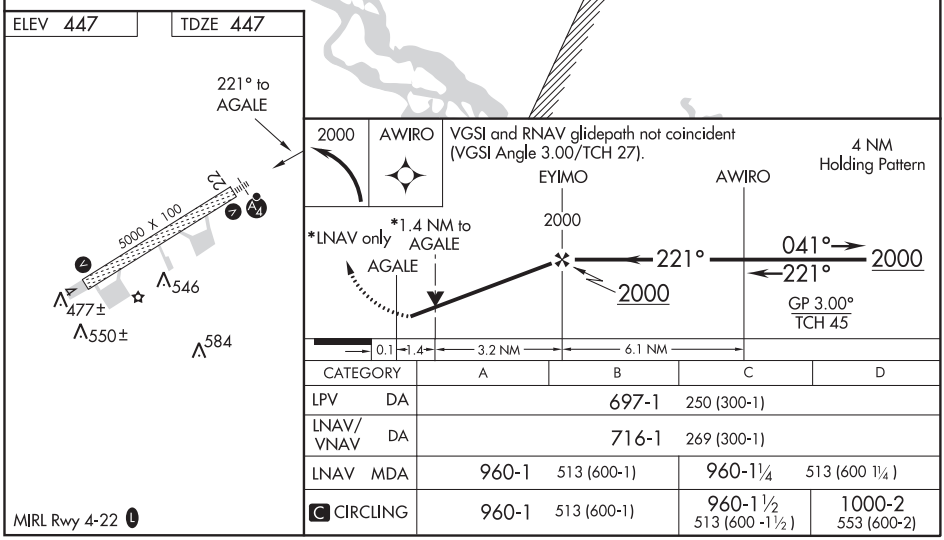
Inop table does not apply to LPV or LNAV/VNAV all Cats. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Circling NA southeast of Rwys 4 and 22. DME/DME RNP-0.3 NA. Rwy 22 helicopter visibility reduction below ¾ SM NA. For inop ALS, increase LNAV Cat C and D visibility ⅛ SM

MALSF

MISSED APPROACH: Climbing left turn to 2000 direct AWIRO and hold.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
125.8	135.0 225.4	122.05	122.5 L





CATEGORY		A	B	C	D
LPV	DA	697-1		250 (300-1)	
LNAV/VNAV	DA	716-1		269 (300-1)	
LNAV	MDA	960-1	513 (600-1)	960-1¼	513 (600 1¼)
C CIRCLING		960-1	513 (600-1)	960-1½ 513 (600 -1½)	1000-2 553 (600-2)

MIRL Rwy 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

VORTAC FYU	APP CRS	Rwy ldg	5000
114.4	236°	TDZE	447
Chan 91		Apt Elev	447

VOR/DME or TACAN RWY 22
FORT YUKON (FYU) (PFYU)

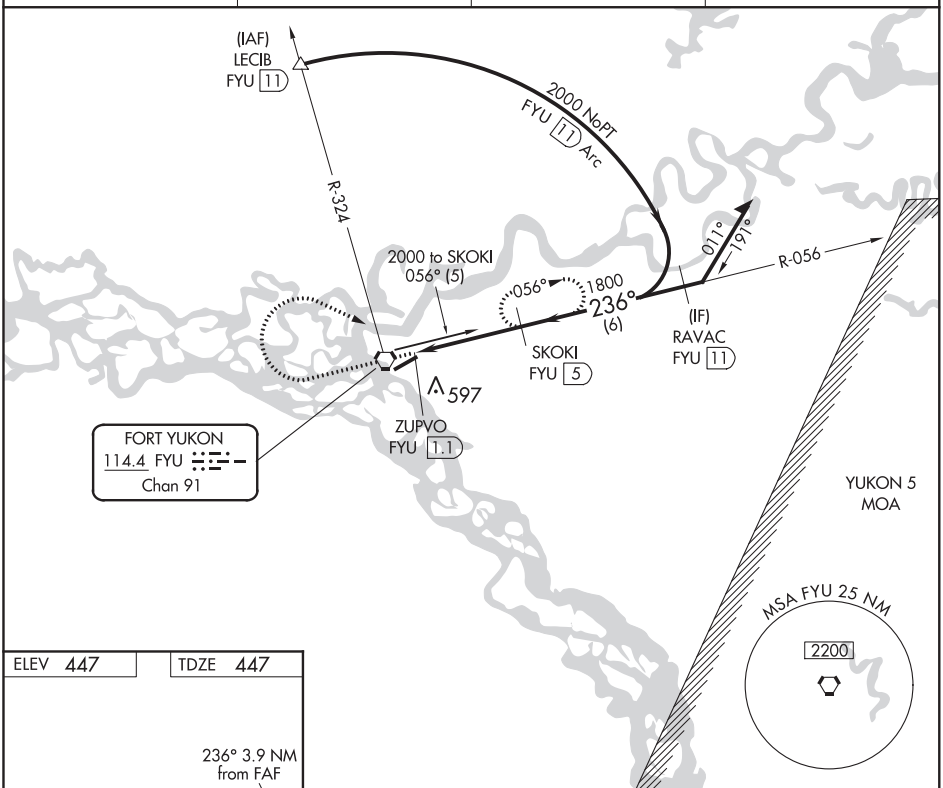
-45°C

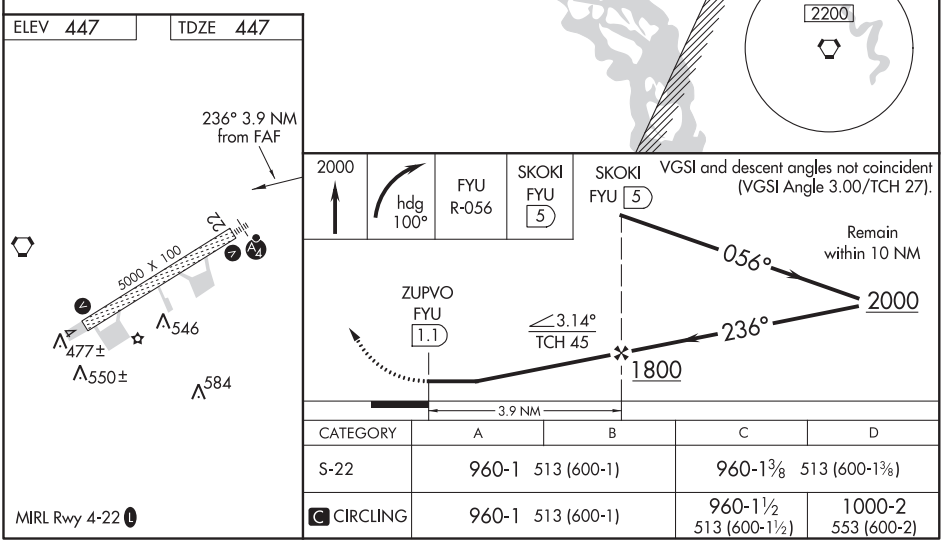
Inop table does not apply. Circling NA southeast of Rwy 4-22. Rwy 22 Straight-In and Circling minimums NA at night. Helicopter visibility reduction below 1 SM NA.

MALSF

MISSED APPROACH: Climb to 2000 then right turn on heading 100° and FYU VORTAC R-056 to SKOKI/5 DME and hold.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
125.8	135.0 225.4	122.05	122.5 L





CATEGORY	A	B	C	D
S-22	960-1 513 (600-1)		960-1⅜ 513 (600-1⅜)	
C CIRCLING	960-1 513 (600-1)		960-1½ 513 (600-1½)	1000-2 553 (600-2)

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AK, 05 NOV 2020 to 31 DEC 2020

GALENA, ALASKA | AL-1229 (FAA) | 20310

WAAS CH 86907 W08A	APP CRS 076°	Rwy ldg 5600 TDZE 152 Apt Elev 154

RNAV (GPS) RWY 8
EDWARD G PITKA SR (GAL)(PAGA)

RNP APCH.

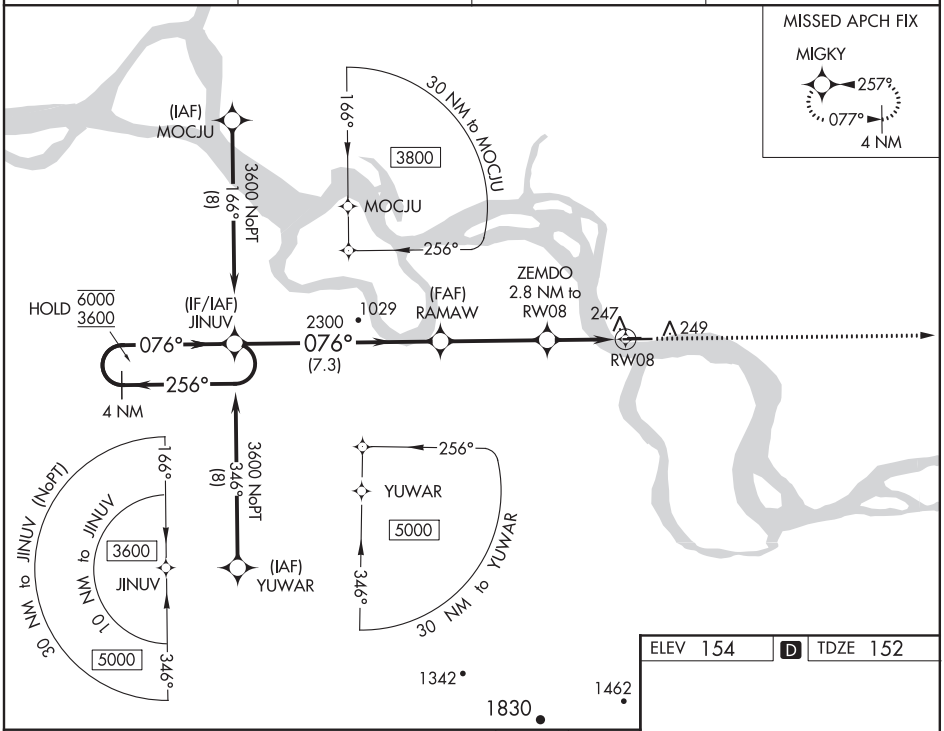
T

-33°C

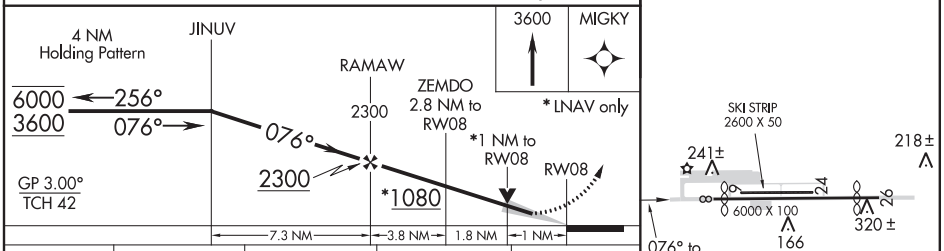
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C.

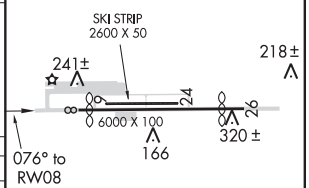
MISSED APPROACH: Climb to 3600 direct MIGKY and hold.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
132.525	127.0 290.2	122.2	123.0 L



ELEV 154 | D | TDZE 152





CATEGORY	A	B	C	D
LPV DA	402-1 250 (300-1)			
LNAV/VNAV DA	410-1 258 (300-1)			
LNAV MDA	500-1 348 (400-1)			
C CIRCLING	560-1 406 (500-1)	620-1 466 (500-1)	620-1½ 466 (500-1½)	720-2 566 (600-2)

HIRL Rwy 8-26 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) RWY 26
EDWARD G PITKA SR (GAL)(PAGA)

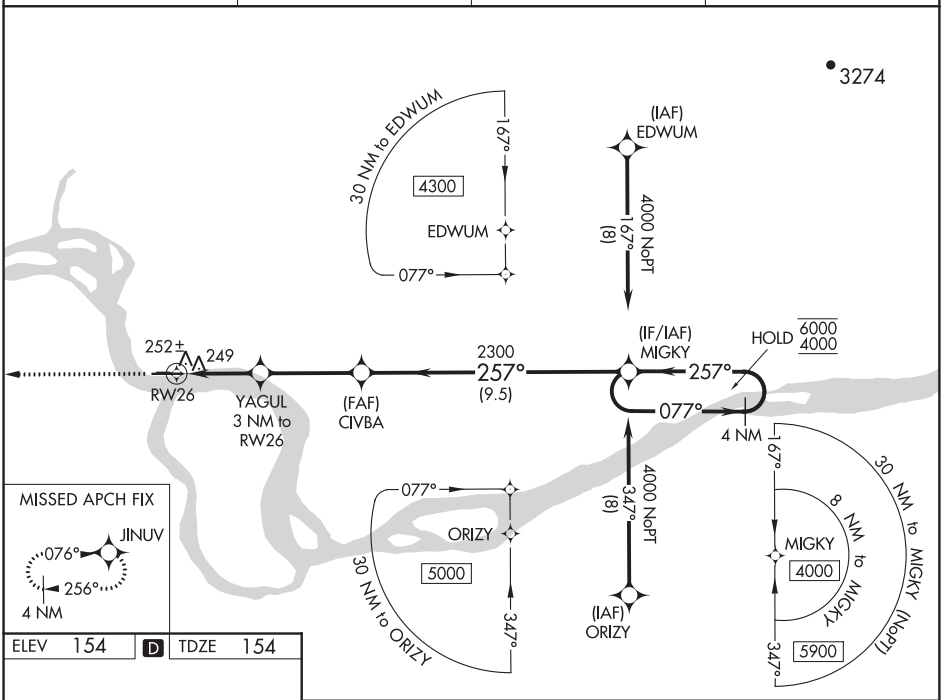
WAAS CH 77707 W26A	APP CRS 257°	Rwy ldg 5200 TDZE 154 Apt Elev 154

RNP APCH.

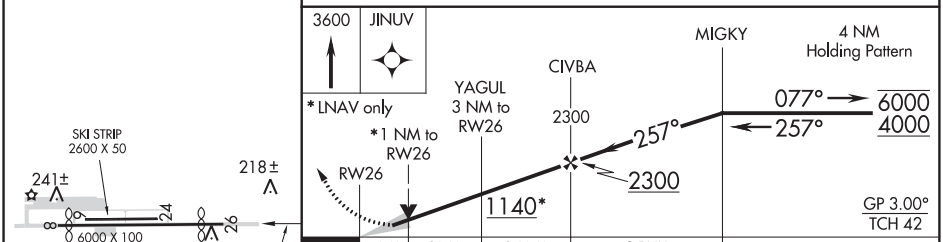
-33°C For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C.

MISSED APPROACH: Climb to 3600 direct JINUV and hold, continue climb-in-hold to 3600.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
132.525	127.0 290.2	122.2	123.0 L



ELEV 154 D TDZE 154



CATEGORY	A	B	C	D
LPV DA	404-1 250 (300-1)			
LNAV/VNAV DA	414-1 260 (300-1)			
LNAV MDA	520-1 366 (400-1)			
C CIRCLING	560-1 406 (500-1)	620-1 466 (500-1)	620-1½ 466 (500-1½)	720-2 566 (600-2)

HIRL Rwy 8-26 L

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AK, 05 NOV 2020 to 31 DEC 2020

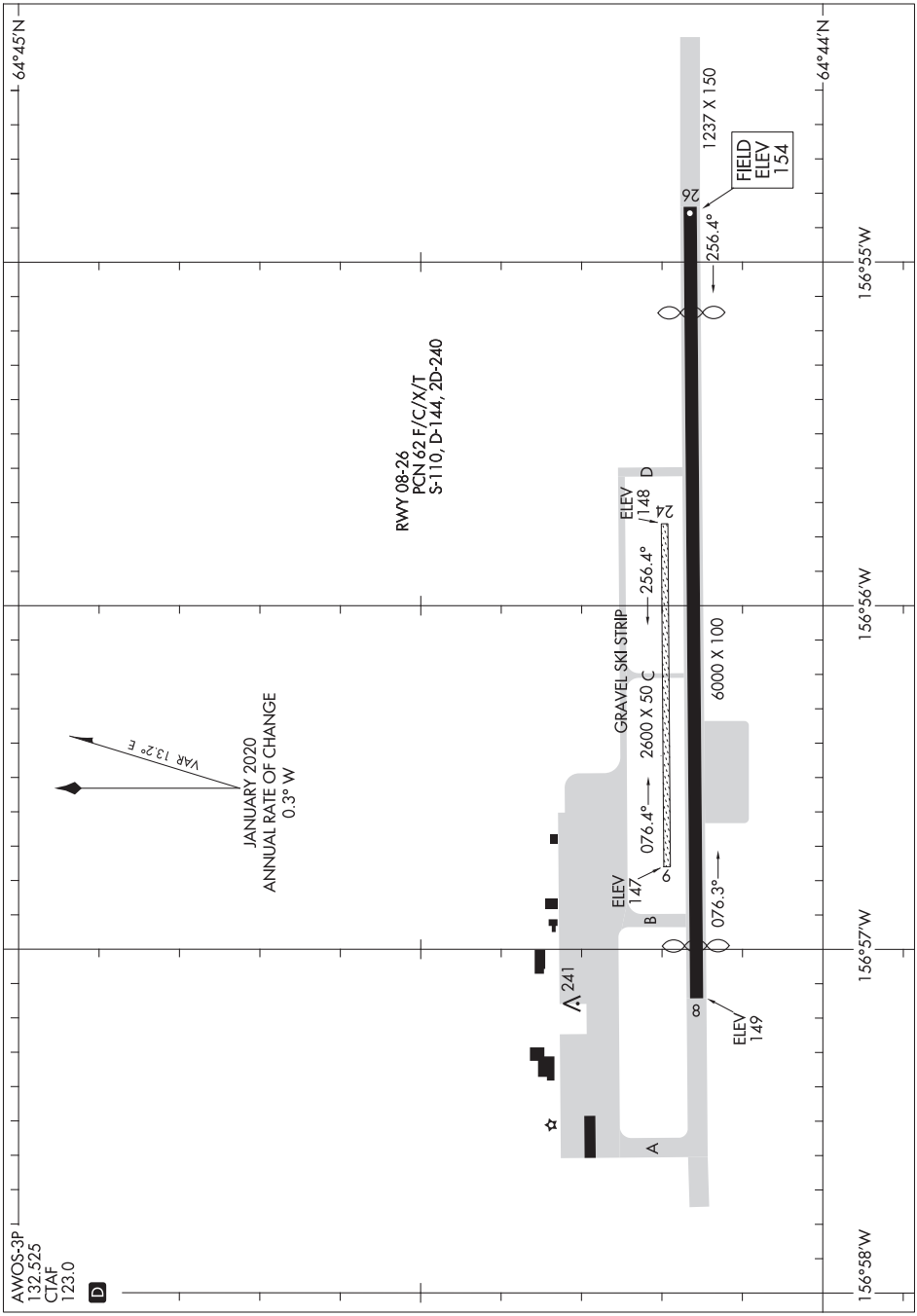
20310

AIRPORT DIAGRAM

AL-1229 (FAA)

EDWARD G PITKA SR (GAL)

GALENA, AK



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AIRPORT DIAGRAM

20310

GALENA, AK

EDWARD G PITKA SR (GAL)

RNAV (GPS) RWY 16

GAMBELL (GAM) (PAGM)

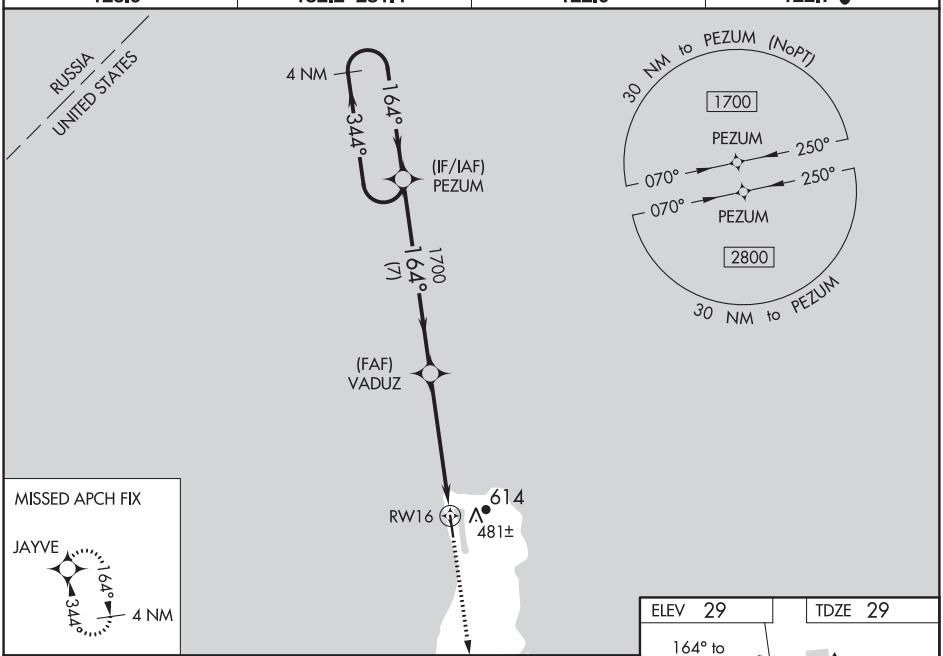
WAAS CH 86635 W16A	APP CRS 164°	Rwy ldg 4500 TDZE 29 Apt Elev 29

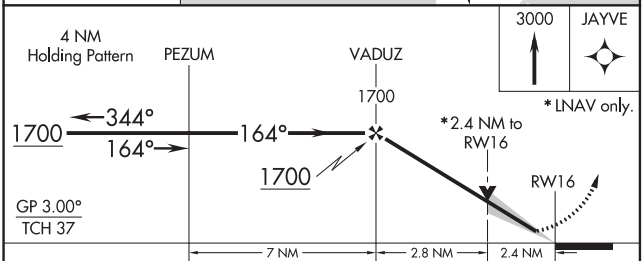
T A -26°C

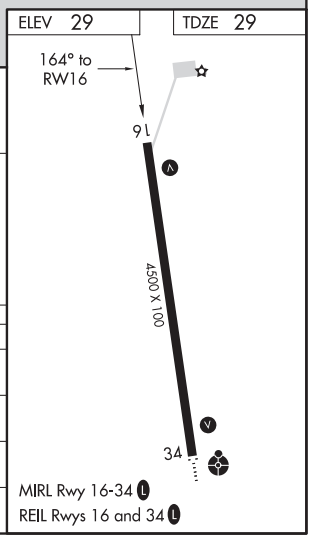
Baro-VNAV NA when using Savoonga altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Circling NA northeast of Rwy 16-34. DME/DME RNP-0.3 NA. VDP NA with Savoonga altimeter setting. When local altimeter setting not received, use Savoonga altimeter setting and increase all DA 82 feet and MDA 100 feet. Increase LPV all Cats visibility ¼ mile. Increase LNAV/VNAV all Cats visibility ⅜ mile. Increase LNAV Cat A visibility ¼ mile. Increase Circling Cat A and C visibility ¼ mile, Cat D visibility ½ mile.

MISSED APPROACH: Climb to 3000 direct JAYVE and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
125.9	132.2 281.4	122.0	122.7 L







CATEGORY	A	B	C	D
LPV DA	279-⅞ 250 (300-⅞)			
LNAV/VNAV DA	578-1⅞ 549 (600-1⅞)			
LNAV MDA	820-1 791 (800-1)	820-1¼ 791 (800-1¼)	820-2½ 791 (800-2½)	
C CIRCLING	820-1 791 (800-1)	820-1¼ 791 (800-1¼)	860-2½ 831 (900-2½)	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

GAMBELL, ALASKA | AL-6687 (FAA) | 20142

RNAV (GPS) RWY 34
GAMBELL (GAM)(PAGM)

WAAS CH 82135 W34A	APP CRS 344°	Rwy ldg 4500 TDZE 29 Apt Elev 29

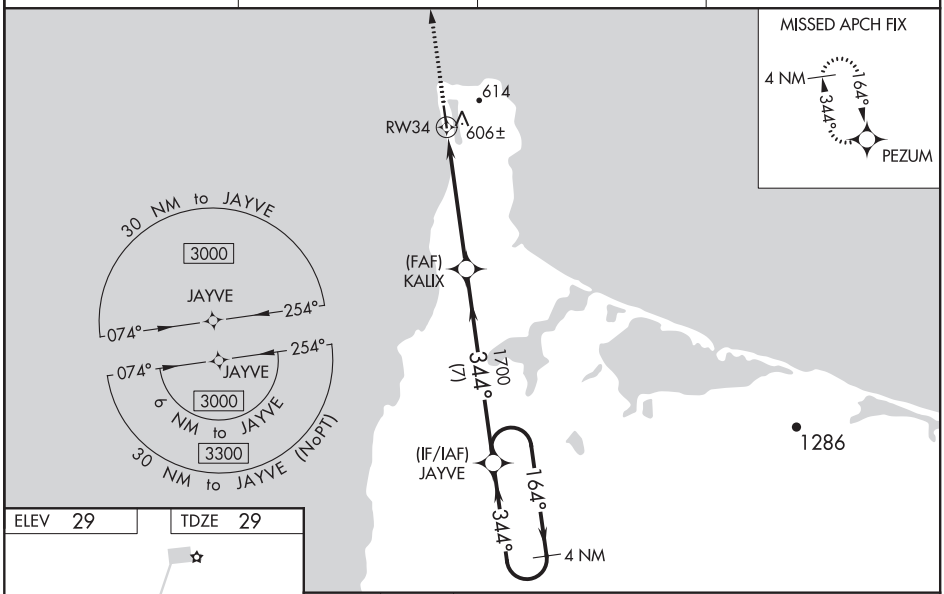
-26°C

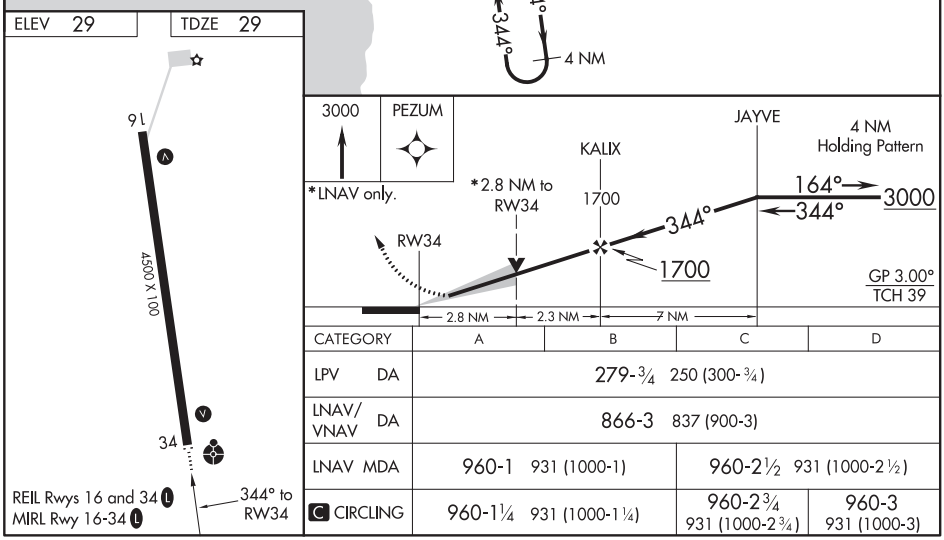
Baro-VNAV and VDP NA when using Savoonga altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Circling NA NE of Rwy 16-34. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Savoonga altimeter setting and increase all DA 82 feet, increase LPV all Cats visibility ¼ mile, and LNAV/VNAV all Cats visibility by 1 mile; increase all MDA 100 feet and LNAV visibility Cat B ¼ mile, Cat C and D ½ mile; increase Circling Cats B and C ¼ mile. For inop ODALS when using Savoonga altimeter setting increase LPV all Cats visibility ⅛ mile. For inop ODALS increase LPV all Cats visibility ⅛ mile. Inop table does not apply to LNAV/VNAV all Cats, and LNAV Cats C and D. When using Savoonga altimeter setting inop table does not apply to LNAV/VNAV all Cats, and LNAV Cats C and D.

ODALS

MISSED APPROACH: Climb to 3000 direct PEZUM and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
125.9	132.2 281.4	122.0	122.7 L





CATEGORY	A	B	C	D
LPV DA	279-¾ 250 (300-¾)			
LNAV/VNAV DA	866-3 837 (900-3)			
LNAV MDA	960-1 931 (1000-1)		960-2½ 931 (1000-2½)	
C CIRCLING	960-1¼ 931 (1000-1¼)		960-2¾ 931 (1000-2¾)	960-3 931 (1000-3)

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NDB/DME RWY 34
GAMBELL(GAM)(PAGM)

NDB/DME GAM 369 Chan 92 (114.5)	APP CRS 345°	Rwy ldg 4500 TDZE 26 Apt Elev 27

T A -26°C

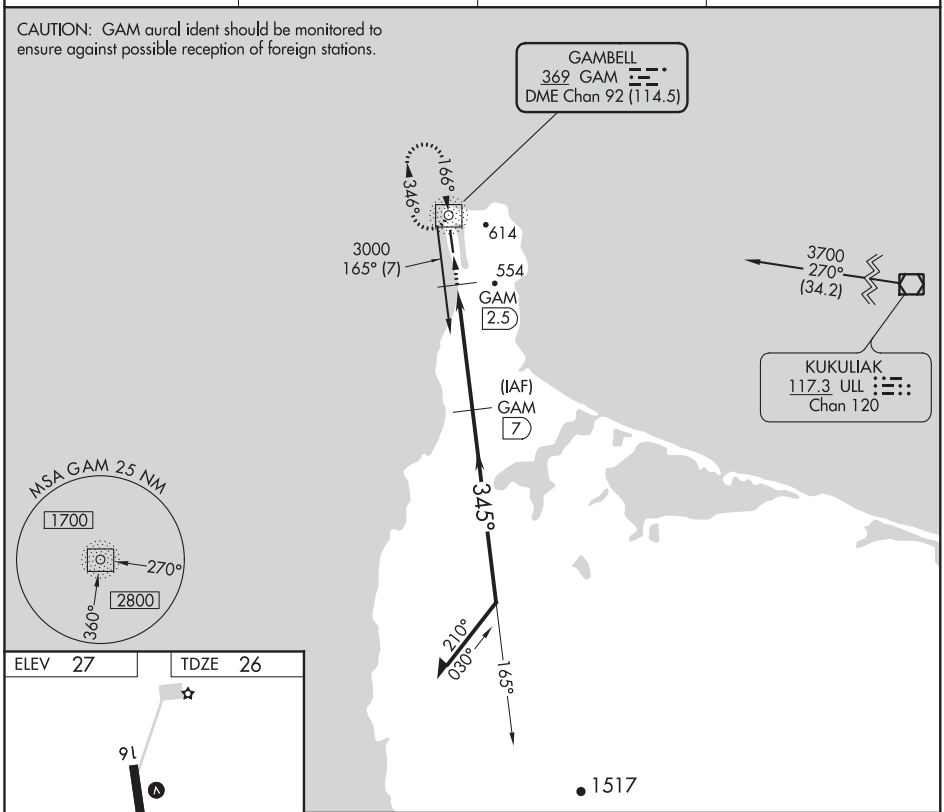
Circling NA northeast of Rwy 16-34.

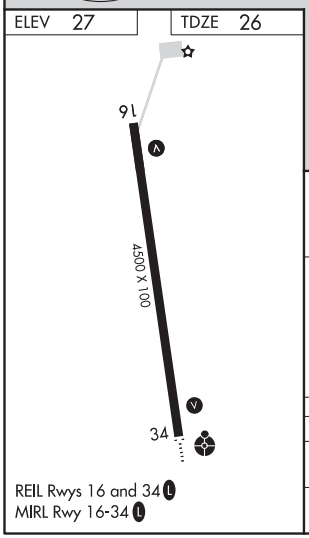
ODALS

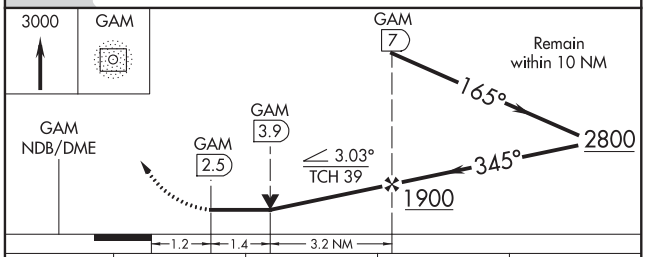
MISSED APPROACH: Climb to 3000 direct GAM NDB/DME and in GAM NDB/DME holding pattern.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
125.9	132.2 281.4	122.0	122.7 L

CAUTION: GAM aural ident should be monitored to ensure against possible reception of foreign stations.







CATEGORY	A	B	C	D
S-34	880-1½ 854 (900-1½)		880-2½ 854 (900-2½)	880-2¾ 854 (900-2¾)
CIRCLING	880-1½ 853 (900-1½)		880-2½ 853 (900-2½)	880-2¾ 853 (900-2¾)

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AK, 05 NOV 2020 to 31 DEC 2020

NDB/DME GAM 369 Chan 92 (114.5)	APP CRS 166°	Rwy ldg 4500 TDZE 27 Apt Elev 27

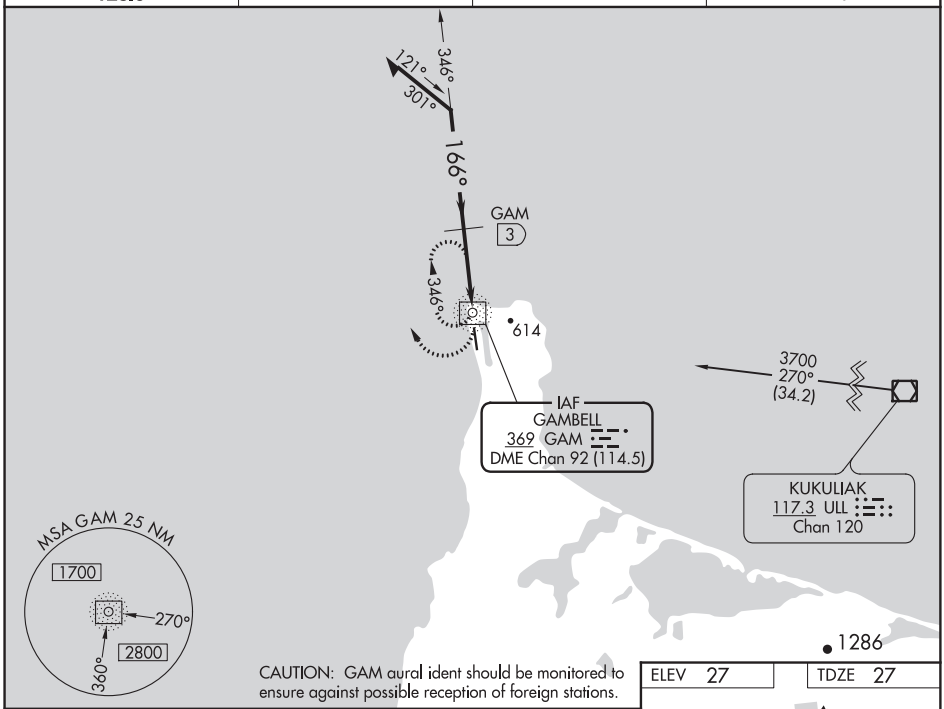
NDB RWY 16
GAMBELL (GAM)(PAGM)

Circling NA northeast of Rwy 16-34.

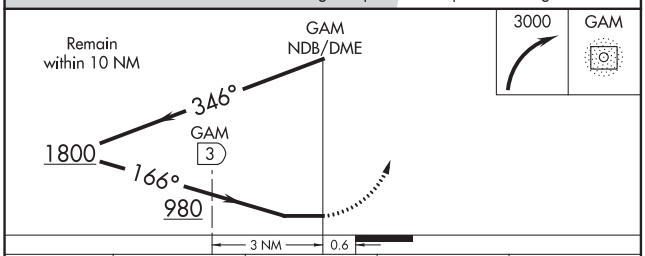
-26°C

MISSED APPROACH: Climbing right turn to 3000 in GAM NDB/DME holding pattern.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
125.9	132.2 281.4	122.0	122.7 L

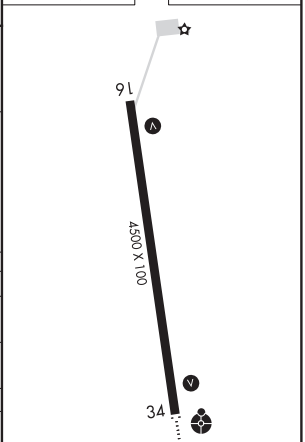


CAUTION: GAM aural ident should be monitored to ensure against possible reception of foreign stations.



CATEGORY	A	B	C	D
S-16	980-1¼ 953 (1000-1¼)	980-1½ 953 (1000-1½)	980-3 953 (1000-3)	
CIRCLING	980-1¼ 953 (1000-1¼)	980-1½ 953 (1000-1½)	980-3 953 (1000-3)	
DME MINIMUMS				
S-16	920-1¼ 893 (900-1¼)		920-2¾ 893 (900-2¾)	920-3 893 (900-3)
CIRCLING	920-1¼ 893 (900-1¼)		920-2¾ 893 (900-2¾)	920-3 893 (900-3)

ELEV 27 TDZE 27



REIL Rwys 16 and 34 L
MIRL Rwy 16-34 L

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AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	4000
011°	TDZE	62
	Apt Elev	62

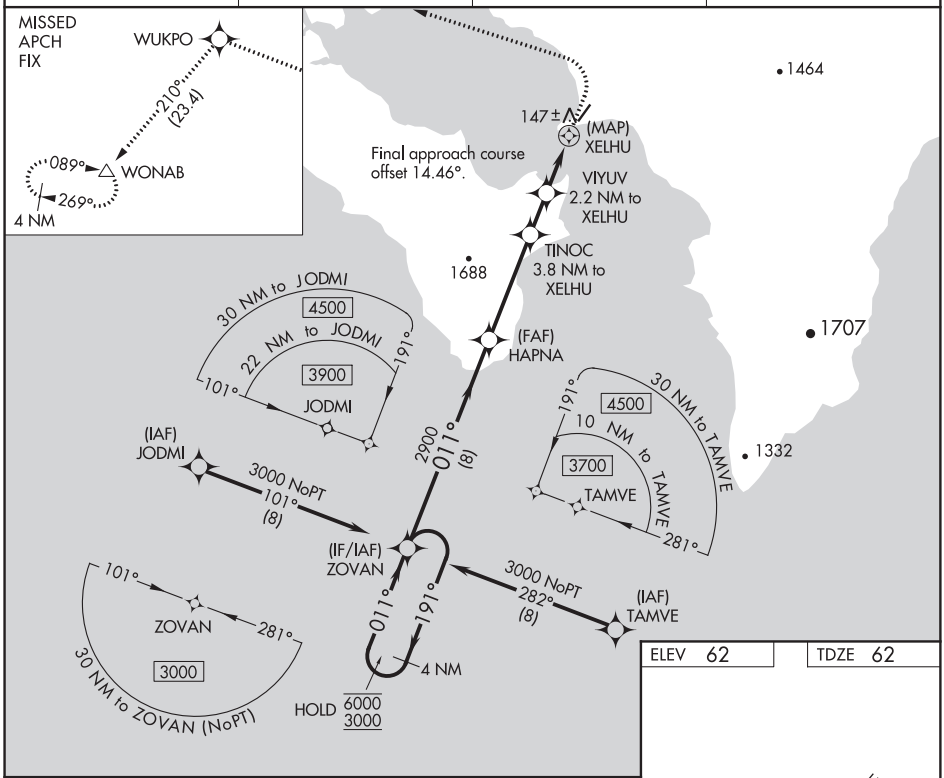
RNAV (GPS) RWY 3
GOLOVIN (GLV) (PAGL)

RNP APCH.

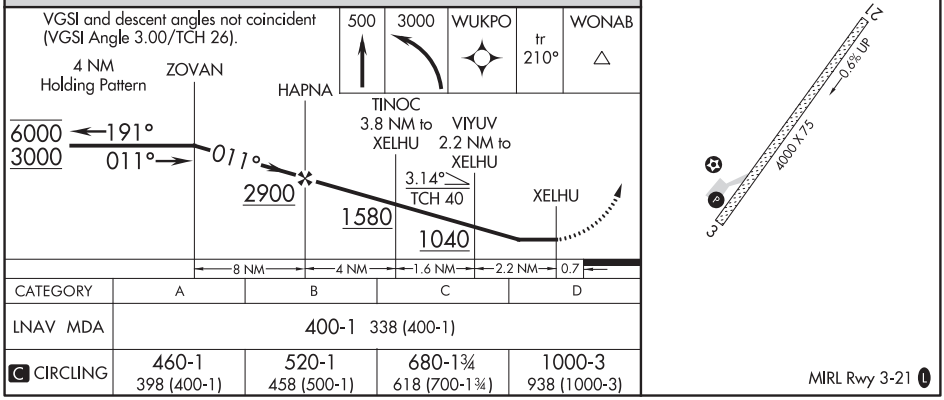
Circling NA southeast of Rwy 3-21.
Rwy 3 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 direct WUKPO and on track 210° to WONAB and hold.

ASOS	ANCHORAGE CENTER	NOME RADIO	CTAF
135.75	133.3 290.4	122.05	122.9 L



ELEV 62 TDZE 62



CATEGORY	A	B	C	D
LNAV MDA	400-1 338 (400-1)			
C CIRCLING	460-1 398 (400-1)	520-1 458 (500-1)	680-1¾ 618 (700-1¾)	1000-3 938 (1000-3)

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GOLOVIN, ALASKA | AL-10155 (FAA) | 20310

APP CRS	Rwy ldg	N/A
116°	TDZE	N/A
	Apt Elev	57

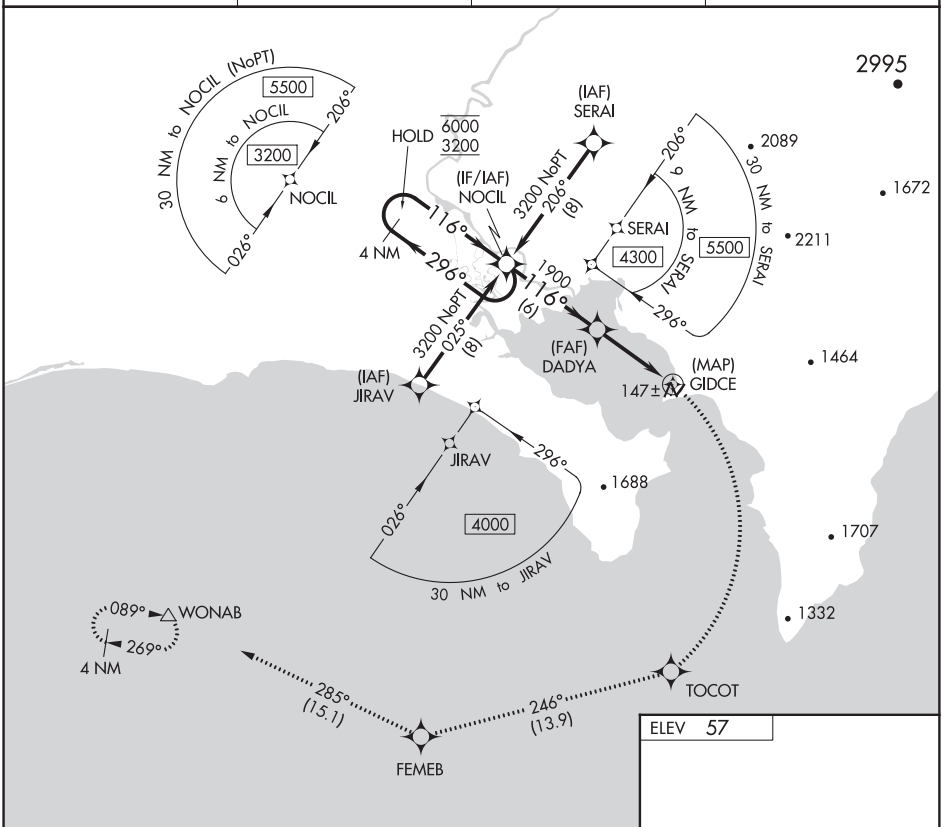
RNAV (GPS)-A
GOLOVIN (GLV) (PAGL)

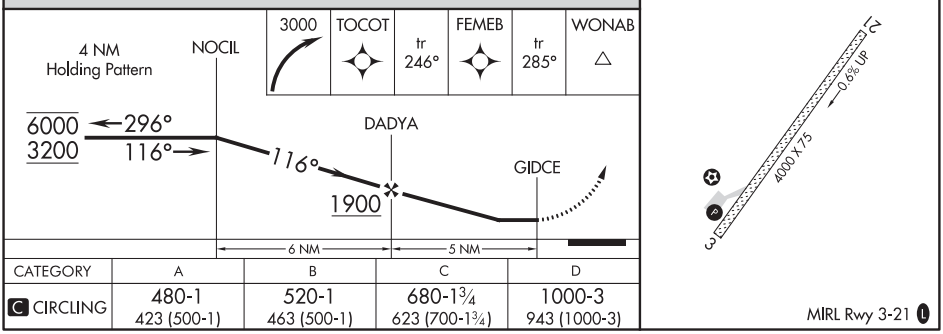
RNP APCH.

Circling NA southeast of Rwy 3-21.

MISSED APPROACH: Climbing right turn to 3000 direct TOCOT and on track 246° to FEMEB and on track 285° to WONAB and hold.

ASOS	ANCHORAGE CENTER	NOME RADIO	CTAF
135.75	133.3 290.4	122.05	122.9 L



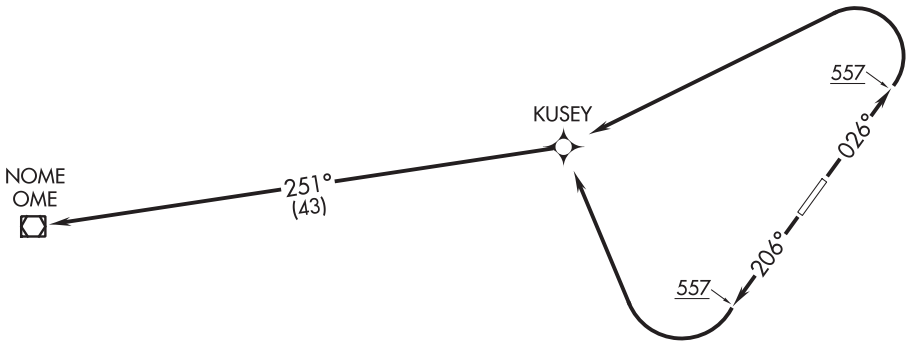


CATEGORY	A	B	C	D
C CIRCLING	480-1 423 (500-1)	520-1 463 (500-1)	680-1¾ 623 (700-1¾)	1000-3 943 (1000-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ASOS
135.75
NOME RADIO
122.05
ANCHORAGE CENTER
133.3 290.4
CTAF
122.9



NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 3: Standard with minimum climb of 280′ per NM to 1700.

Rwy 21: Standard with a minimum climb of 350′ per NM to 2000.

TAKEOFF OBSTACLE NOTES

Rwy 3: Vertical structure and vegetation beginning 12′ from DER, 9′ right of centerline, up to 39′ MSL.
Vertical structure, vegetation, and vehicles on road beginning 13′ from DER, 21′ left of centerline, up to 39′ MSL.
Vehicles on road beginning 168′ from DER, 80′ left of centerline, up to 46′ MSL.

Rwy 21: Vertical structure and vegetation beginning 12′ from DER, 23′ right of centerline, up to 8′ AGL/64′ MSL.
Vertical structure 55′ from DER, 1′ left of centerline, 60′ MSL.
Vertical structure 443′ from DER, 614′ right of centerline, 22′ AGL/78′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb heading 026° to 557, then climbing left turn direct KUSEY, thence . . . .

TAKEOFF RUNWAY 21: Climb heading 206° to 557, then climbing right turn direct KUSEY, thence . . . .

. . . . on track 251° to OME VOR/DME, maintain 5000.

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GRAYLING, ALASKA | AL-9987 (FAA) | 20198

WAAS CH 93540 W17A	APP CRS 191°	Rwy ldg 4000 TDZE 136 Apt Elev 138

RNAV (GPS) RWY 17
GRAYLING (KGX)(PAGX)

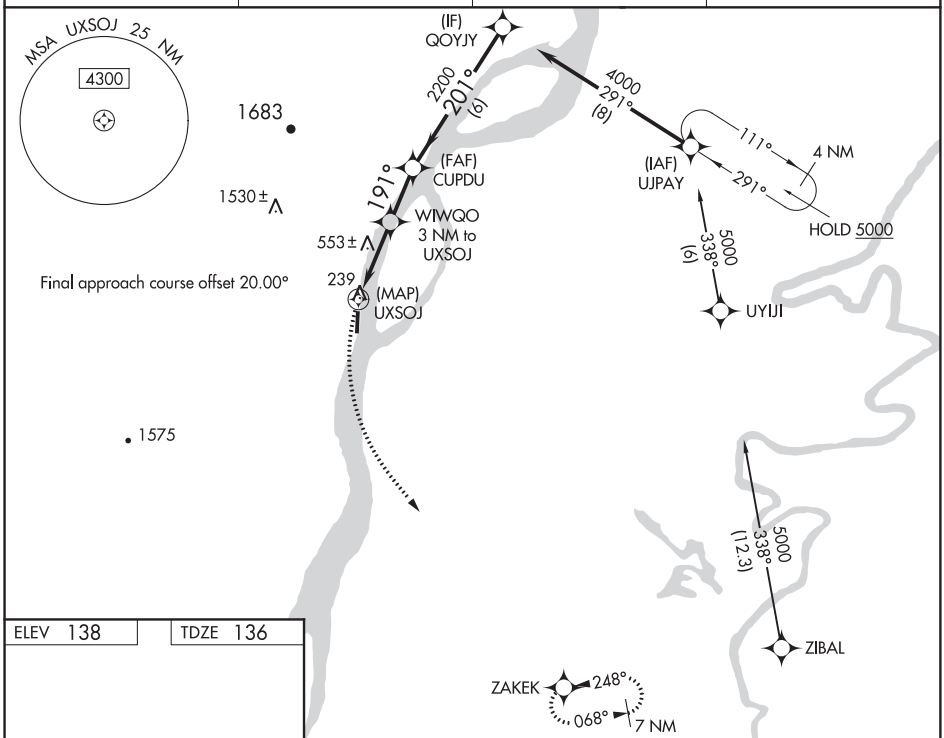
RADAR required for procedure entry.

Circling NA west of Rwy 17-35. Rwy 17 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA. Use Shageluk altimeter setting; when not received, use Anvik altimeter setting.

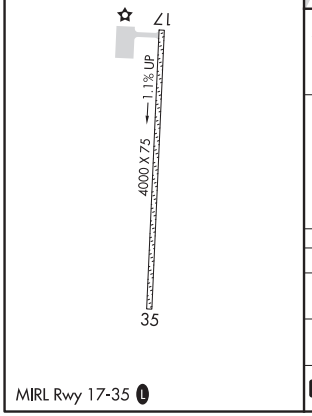
-24°C

MISSED APPROACH: Climbing left turn to 7000 direct ZAKEK and hold, continue climb-in-hold to 7000.

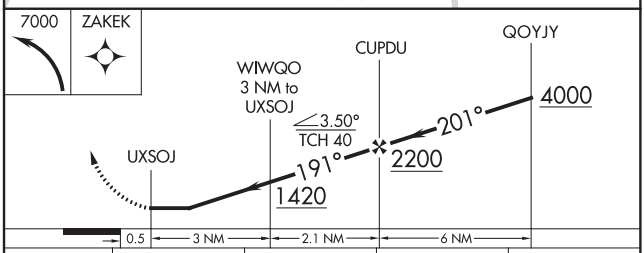
SHX/PAHX AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	CTAF
121.575	118.15 251.05	122.4	122.9 L



ELEV 138 | TDZE 136



MIRL Rwy 17-35 L



CATEGORY	A	B	C	D
LP MDA	860-1 724 (800-1)		1360-2½ 1224 (1300-2½)	
LNAV MDA	1360-1¼ 1224 (1300-1¼)	1360-1½ 1224 (1300-1½)	1360-3 1224 (1300-3)	
C CIRCLING	1360-1¼ 1222 (1300-1¼)	1360-1½ 1222 (1300-1½)	1360-3 1222 (1300-3)	1420-3 1282 (1300-3)

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AK, 05 NOV 2020 to 31 DEC 2020

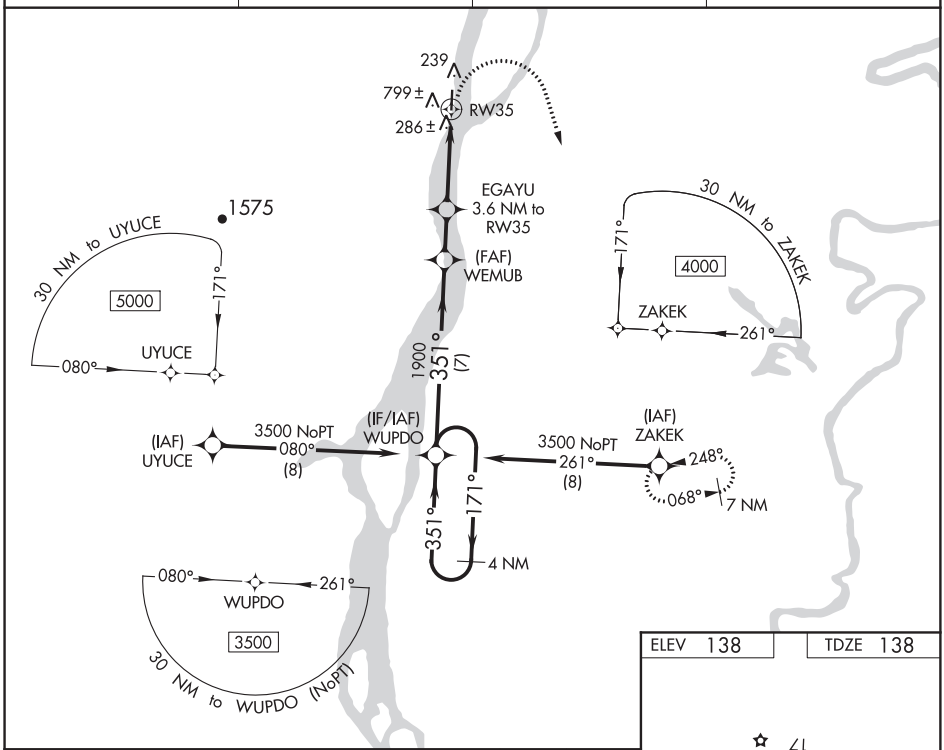
RNAV (GPS) RWY 35
GRAYLING (KGX)(PAGX)

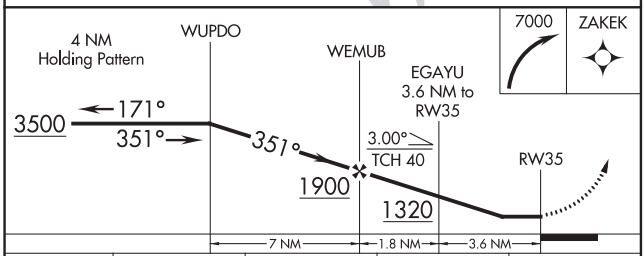
WAAS CH 48840 W35A	APP CRS 351°	Rwy ldg 4000 TDZE 138 Apt Elev 138

Circling NA west of Rwy 17-35. Rwy 35 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA. Use Shageluk altimeter setting; when not received, use Anvik altimeter setting.

MISSED APPROACH: Climbing right turn to 7000 direct ZAKEK and hold, continue climb-in-hold to 7000.

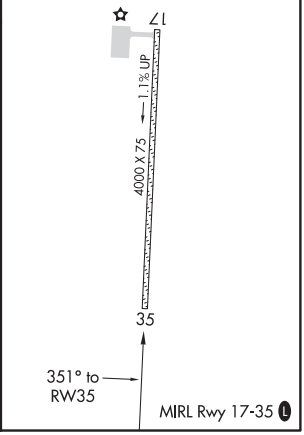
SHX/PAHX AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	CTAF
121.575	118.15 251.05	122.4	122.9 L





CATEGORY	A	B	C	D
LP MDA	700-1 562 (600-1)		700-1⅝ 562 (600-1⅝)	
LNAV MDA	1080-1¼ 942 (1000-1¼)		1080-2½ 942 (1000-2½)	
C CIRCLING	1100-1¼ 962 (1000-1¼)	1100-1½ 962 (1000-1½)	1220-3 1082 (1100-3)	1420-3 1282 (1300-3)

ELEV 138 TDZE 138



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AK, 05 NOV 2020 to 31 DEC 2020

GULKANA, ALASKA | AL-1220 (FAA) | 20198

WAAS CH 82543 W15A	APP CRS 154°	Rwy ldg 5001 TDZE 1586 Apt Elev 1586

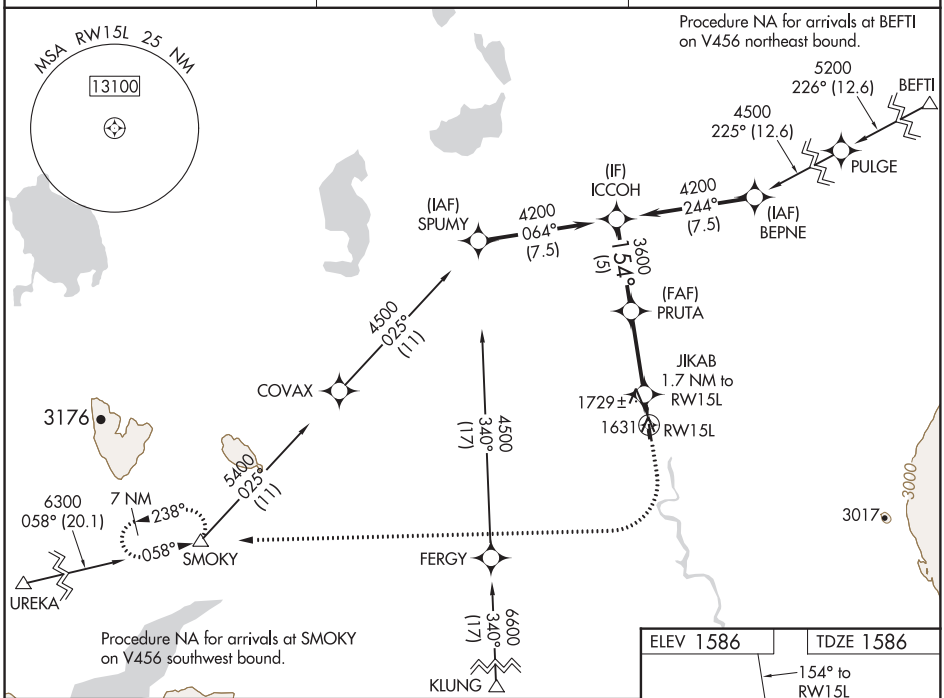
RNAV (GPS) RWY 15L
GULKANA (GKN) (PAGK)

RNP APCH.

-37°C Circling Rwy 15R, 33L NA at night. Rwy 15L helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C.

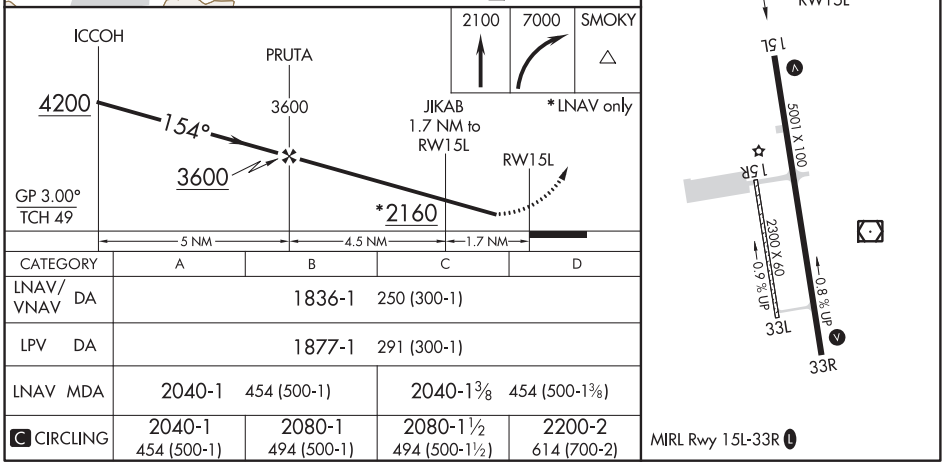
MISSED APPROACH: Climb to 2100 then climbing right turn to 7000 direct SMOKY and hold, continue climb-in-hold to 7000.

ASOS	ANCHORAGE CENTER	CTAF
134.85	119.5 317.5	122.9 L



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020



CATEGORY	A	B	C	D
LNAV/VNAV DA	1836-1 250 (300-1)			
LPV DA	1877-1 291 (300-1)			
LNAV MDA	2040-1 454 (500-1)		2040-1⅜ 454 (500-1⅜)	
C CIRCLING	2040-1 454 (500-1)	2080-1 494 (500-1)	2080-1½ 494 (500-1½)	2200-2 614 (700-2)

WAAS CH 40343 W33A	APP CRS 334°	Rwy ldg 5001 TDZE 1573 Apt Elev 1586

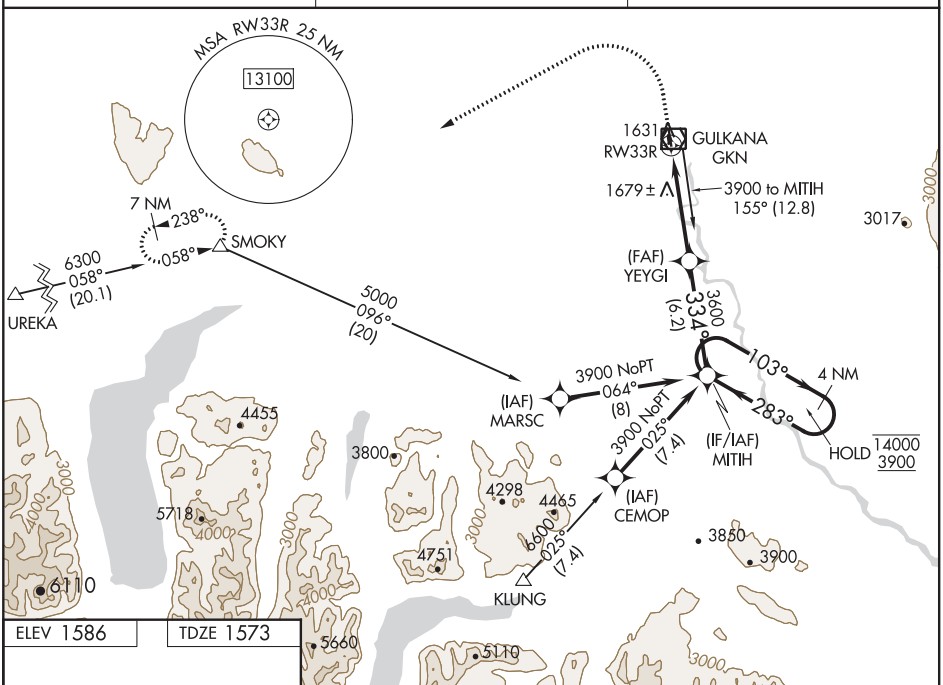
RNAV (GPS) RWY 33R
GULKANA (GKN) (PAGK)

RNP APCH.

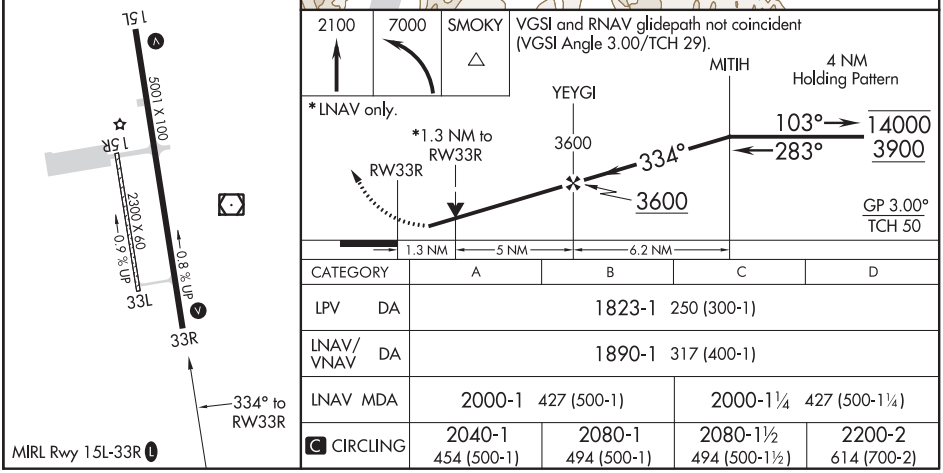
-37°C Circling Rwy 15R, 33L NA at night. Rwy 33R helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 54°C.

MISSED APPROACH: Climb to 2100 then climbing left turn to 7000 direct SMOKY and hold, continue climb-in-hold to 7000.

ASOS	ANCHORAGE CENTER	CTAF
134.85	119.5 317.5	122.9



ELEV 1586 TDZE 1573



CATEGORY	A	B	C	D
LPV DA	1823-1 250 (300-1)			
LNAV/VNAV DA	1890-1 317 (400-1)			
LNAV MDA	2000-1 427 (500-1)		2000-1¼ 427 (500-1¼)	
C CIRCLING	2040-1 454 (500-1)	2080-1 494 (500-1)	2080-1½ 494 (500-1½)	2200-2 614 (700-2)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

GULKANA, ALASKA | AL-1220 (FAA) | 20198

VOR RWY 15L
GULKANA (GKN) (PAGK)

VOR/DME GKN	APP CRS	Rwy ldg	5001
115.6	148°	TDZE	1586
Chan 103		Apt Elev	1586

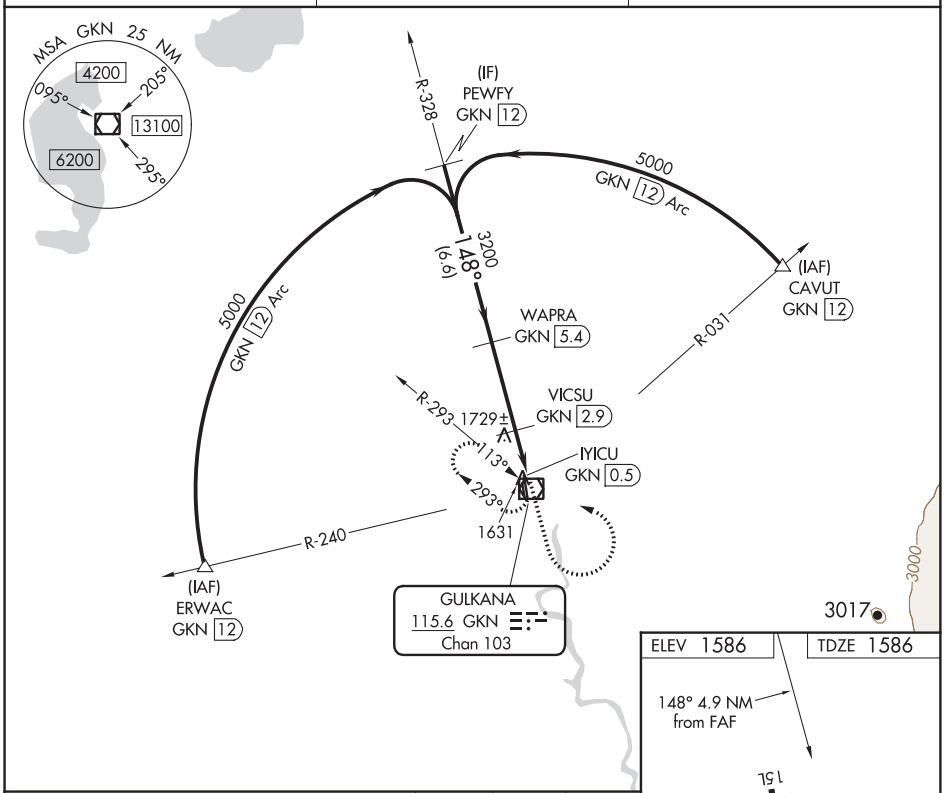
DME required.

-37°C

Circling Rwy 15R, 33L NA at night. Rwy 15L helicopter visibility reduction below ¾ SM NA.

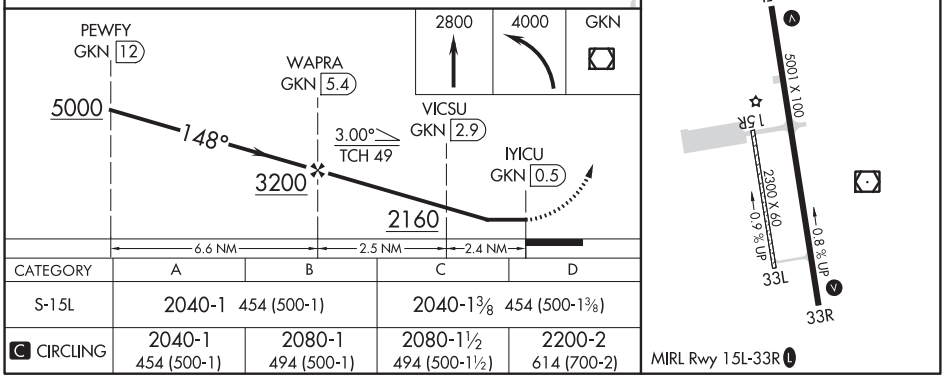
MISSED APPROACH: Climb to 2800 then climbing left turn to 4000 direct GKN VOR/DME and hold, continue climb-in-hold to 4000.

ASOS	ANCHORAGE CENTER	CTAF
134.85	119.5 317.5	122.9 L



ELEV 1586 | TDZE 1586

148° 4.9 NM from FAF



CATEGORY	A	B	C	D
S-15L	2040-1 454 (500-1)		2040-1⅜ 454 (500-1⅜)	
C CIRCLING	2040-1 454 (500-1)	2080-1 494 (500-1)	2080-1½ 494 (500-1½)	2200-2 614 (700-2)

AK, 05 NOV 2020 to 31 DEC 2020

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WAAS CH 53525 W29A	APP CRS 295°	Rwy ldg 6720 TDZE 33 Apt Elev 36

RNAV (GPS) RWY 29

GUSTAVUS(GST)(PAGS)

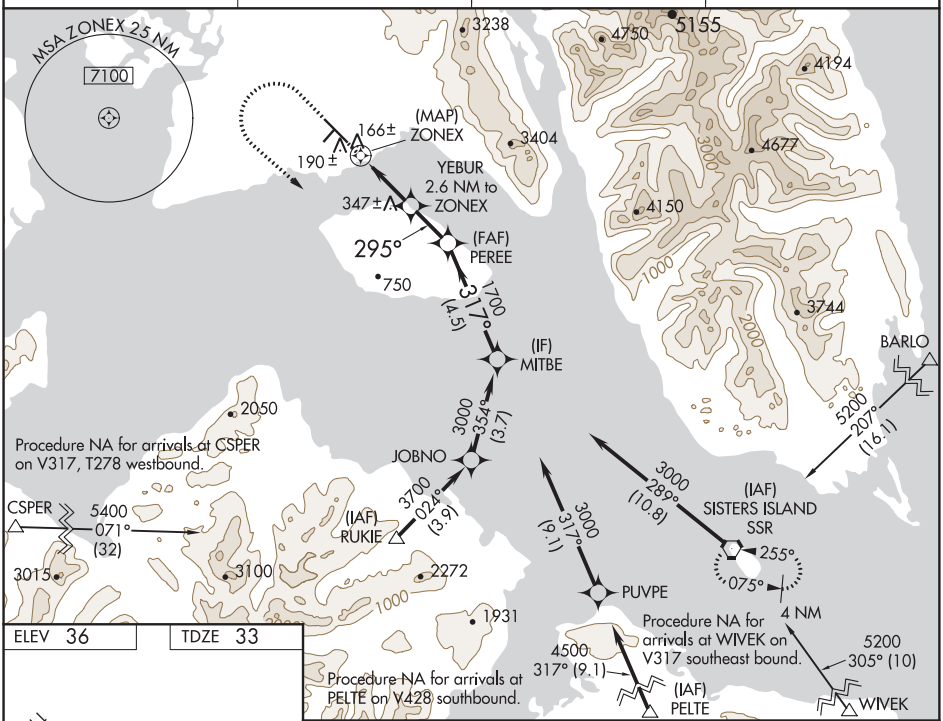
RNP APCH.

Circling NA northeast of Rwy 11-29.
Rwy 29 helicopter visibility reduction below ¾ SM NA.

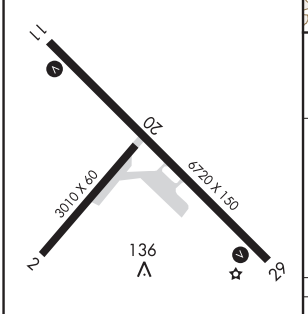
-18°C

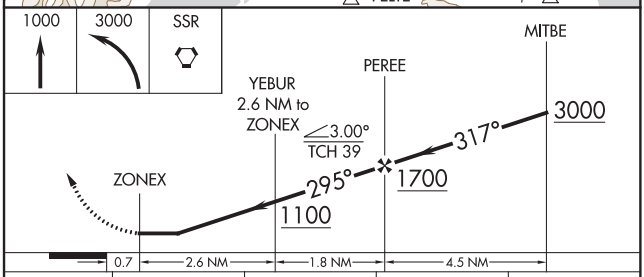
MISSED APPROACH: (Do not exceed 210 KIAS until SSR VORTAC) Climb to 1000 then climbing left turn to 3000 direct SSR VORTAC and hold.

AWOS-3P	ANCHORAGE CENTER	JUNEAU RADIO	CTAF
125.9	133.2 360.65	122.65	122.5 L



ELEV 36 TDZE 33





CATEGORY	A	B	C	D
LP MDA	420-1 387 (400-1)		420-1⅛ 387 (400-1⅛)	
LNAV MDA	660-1 627 (700-1)		660-1¾ 627 (700-1¾)	
C CIRCLING	660-1 624 (700-1)		960-2¾ 924 (1000-2¾)	1200-3 1164 (1200-3)

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

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

GUSTAVUS, ALASKA | AL-1192 (FAA) | 20198

VOR/DME RWY 29
GUSTAVUS (GST)(PAGS)

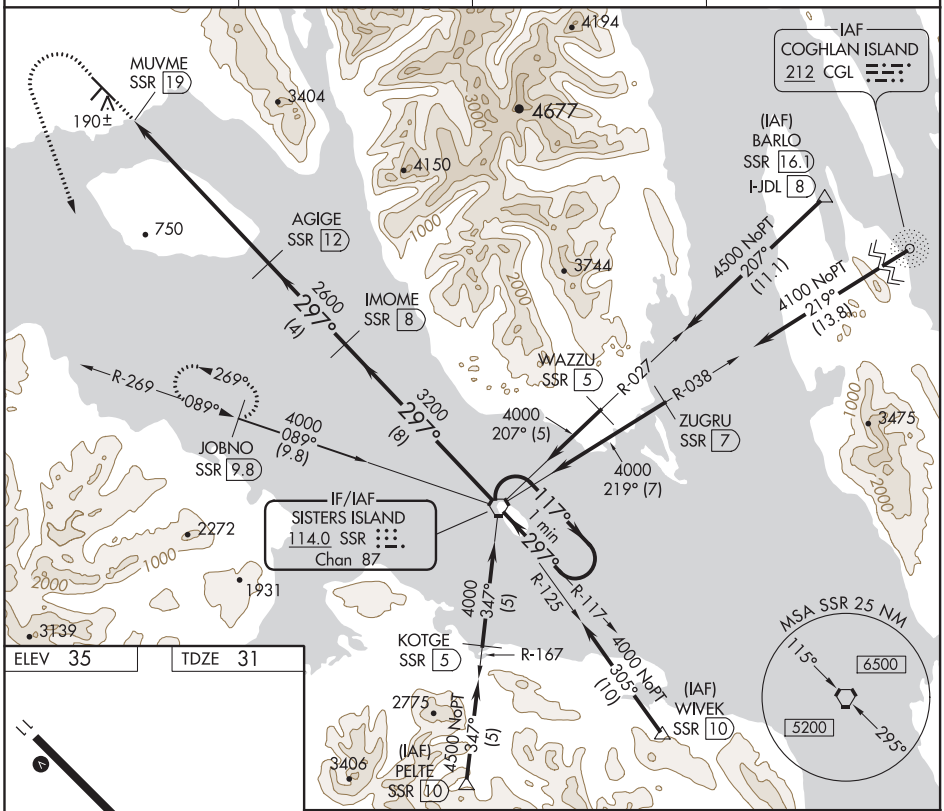
VORTAC SSR	APP CRS	Rwy ldg	6720
114.0	297°	TDZE	31
Chan 87		Apt Elev	35

Circling NA northeast of Rwy 11-29.
When local altimeter setting not received, procedure NA.

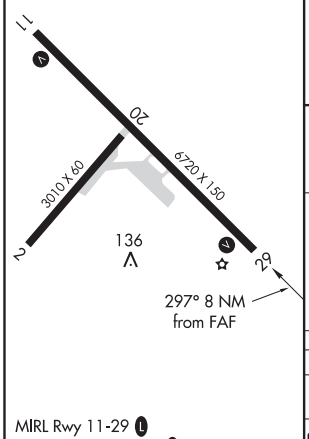
-18°C

MISSED APPROACH: Climb to 2000 then climbing left turn to 4000 on heading 140° and on SSR VORTAC R-269 to JOBNO/9.8 DME and hold.

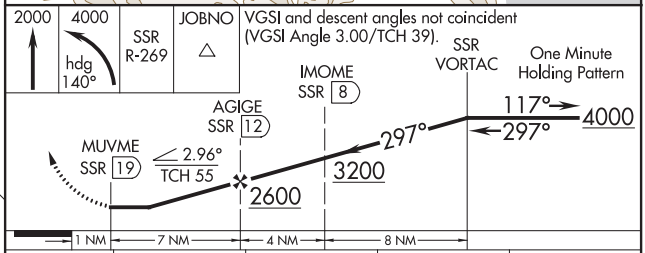
AWOS-3P	ANCHORAGE CENTER	JUNEAU RADIO	CTAF
125.9	133.2 360.65	122.65	122.5 L



ELEV 35 | TDZE 31



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



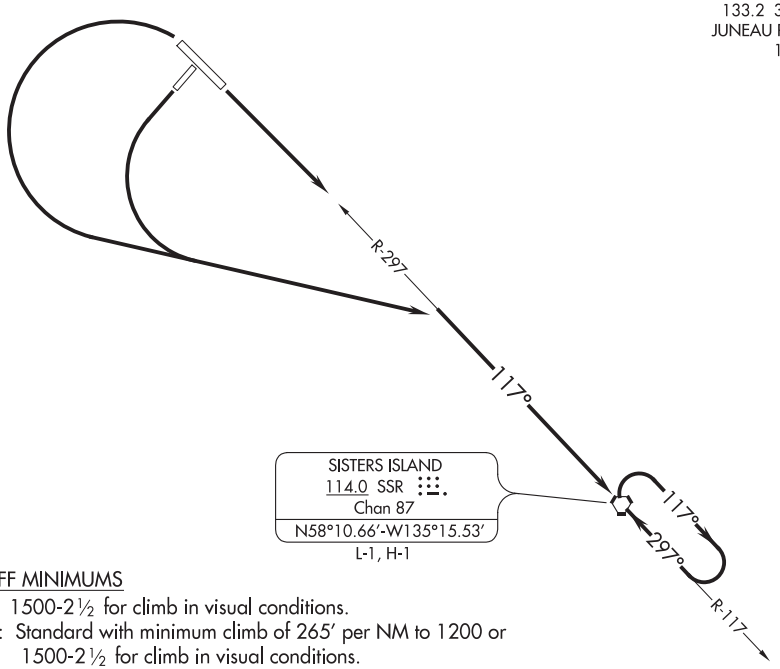
CATEGORY	A	B	C	D
S-29	1260-1¼ 1229 (1300-1¼)	1260-1½ 1229 (1300-1½)	1260-3 1229 (1300-3)	
C CIRCLING	1260-1¼ 1225 (1300-1¼)	1260-1½ 1225 (1300-1½)	1260-3 1225 (1300-3)	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

GUSTAVUS ONE DEPARTURE (OBSTACLE)

AL-1192 (FAA)



TAKEOFF MINIMUMS

Rwy 2: 1500-2½ for climb in visual conditions.
Rwy 11: Standard with minimum climb of 265′ per NM to 1200 or 1500-2½ for climb in visual conditions.
Rwy 20: Standard with minimum climb of 323′ per NM to 1200 or 1500-2½ for climb in visual conditions.
Rwy 29: Standard.

TAKEOFF OBSTACLE NOTES

Rwy 11: Trees beginning 1009′ from DER, 151′ left and right of centerline, up to 140′ AGL/147′ MSC. Bush 140′ from DER, 472′ right of centerline, 24′ AGL/34′ MSL.

NOTE: Chart not to scale.

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DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb in visual conditions to cross Gustavus Airport at or above 1500, continue climb to at or above 3000 via SSR VORTAC R-297 to SSR VORTAC. When executing VCOA, notify ATC prior to departure.

TAKEOFF RUNWAY 11: Climbing right turn to at or above 3000 to intercept SSR VORTAC R-297 to SSR VORTAC or climb in visual conditions to cross Gustavus Airport at or above 1500 then climb to at or above 3000 via SSR R-297 to SSR VORTAC. When executing VCOA, notify ATC prior to departure.

TAKEOFF RUNWAY 20: Climbing left turn to at or above 3000 to intercept SSR VORTAC R-297 to SSR VORTAC or climb in visual conditions to cross Gustavus Airport at or above 1500 then climb to at or above 3000 via R-297 to SSR VORTAC. When executing VCOA, notify ATC prior to departure.

TAKEOFF RUNWAY 29: Climbing left turn to at or above 3000 to intercept SSR VORTAC R-297 to SSR VORTAC.

HEALY, ALASKA | AL-10968 (FAA) | 19171

RNAV (GPS) RWY 15
HEALY RIVER (HRR) (PAHV)

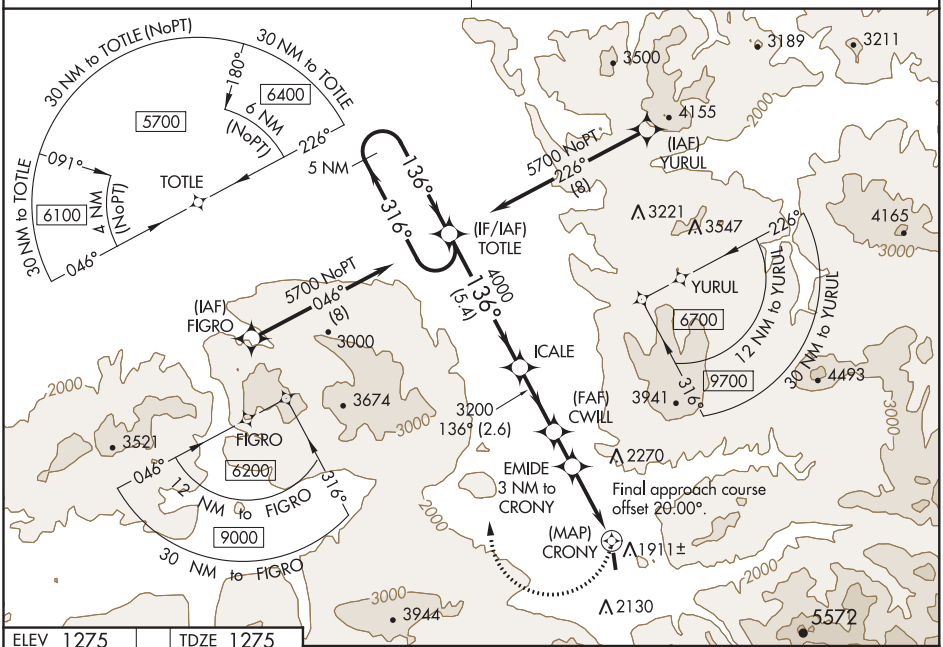
WAAS CH 53539 W15A	APP CRS 136°	Rwy ldg 2910 TDZE 1275 Apt Elev 1275

T
NA
-11°C

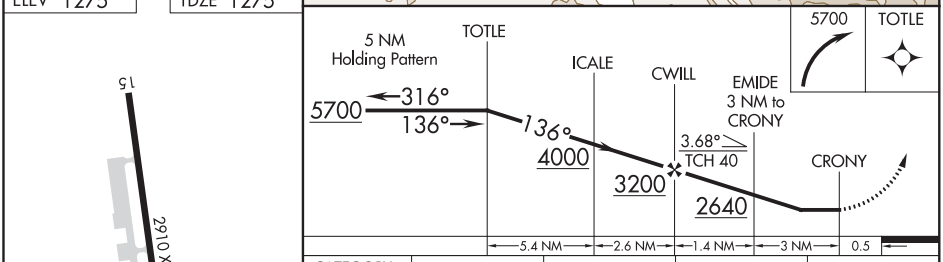
DME/DME RNP-0.3 NA. Procedure NA at night. Use McKinley Park altimeter setting; when not received, procedure NA. Rwy 15 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 5700 direct TOTLE and hold, continue climb-in-hold to 5700.
*Missed approach requires minimum climb of 325 feet per NM to 3900.

ANCHORAGE CENTER	CTAF
120.9 319.2	122.9 L



ELEV 1275	TDZE 1275



CATEGORY	A	B	C	D
LP MDA*	2120-1 845 (900-1)	2120-1¼ 845 (900-1¼)	NA	
LP MDA	2240-1¼ 965 (1000-1¼)	2240-1½ 965 (1000-1½)	NA	
LNAV MDA*	2260-1¼ 985 (1000-1¼)	2260-1½ 985 (1000-1½)	NA	
LNAV MDA	2580-1¼ 1305 (1400-1¼)	2580-1½ 1305 (1400-1½)	NA	
C CIRCLING	2660-1¼ 1385 (1400-1¼)	2700-1½ 1425 (1500-1½)	NA	

MIRL Rwy 15-33 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	N/A
324°	TDZE	N/A
	Apt Elev	1275

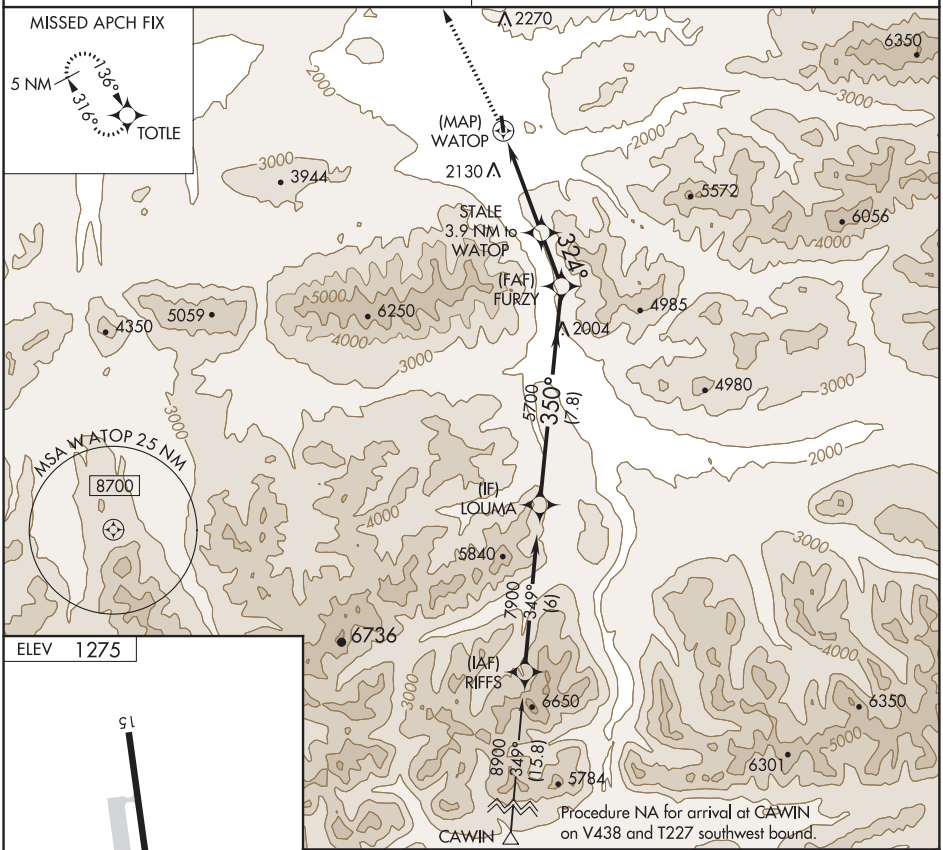
RNAV (GPS)-A
HEALY RIVER (HRR) (PAHV)

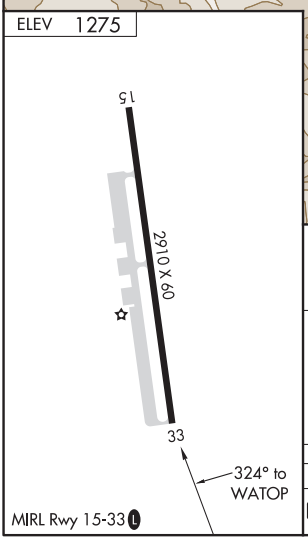
T
NA
-11°C

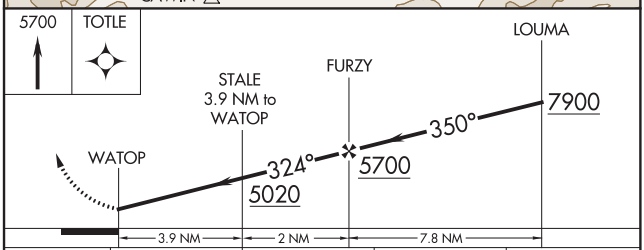
DME/DME RNP-0.3 NA. Procedure NA at night.
Helicopter visibility reduction below 1 SM NA.
Use McKinley Park altimeter setting; when not received, procedure NA.

MISSED APPROACH: Climb to 5700 direct TOTLE and hold.

ANCHORAGE CENTER	CTAF
120.9 319.2	122.9 L







CATEGORY	A	B	C	D
C CIRCLING	3600-1¼ 2325 (2400-1¼)	3600-1½ 2325 (2400-1½)	3700-3 2425 (2500-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

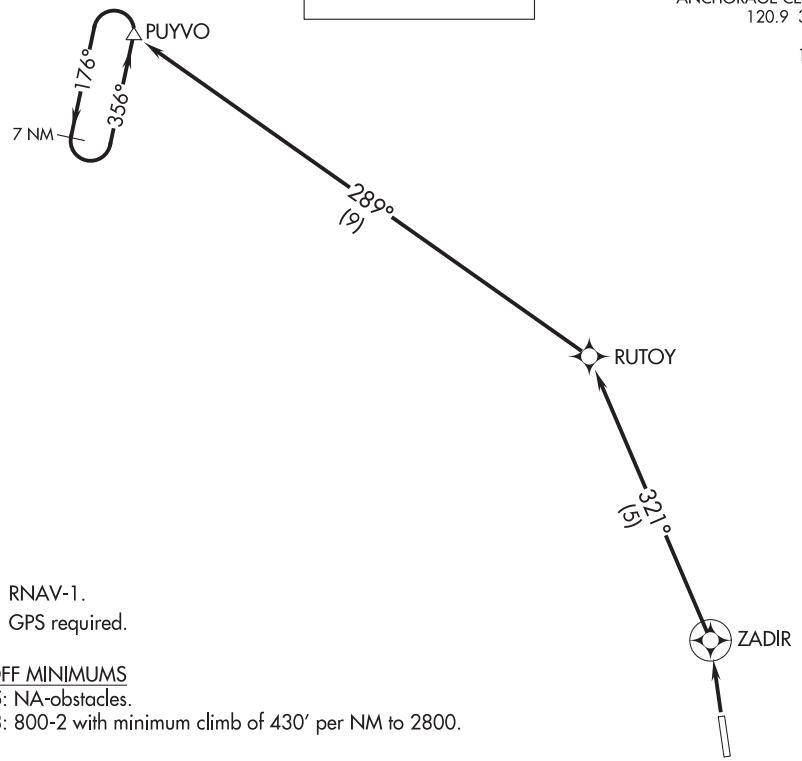
(HEALY1.PUYVO) 20086

HEALY ONE DEPARTURE (OBSTACLE) (RNAV)

HEALY RIVER (HRR) (PAHV)
AL-10968 (FAA)
HEALY, ALASKA

TOP ALTITUDE: ASSIGNED BY ATC

INR AWOS-3P 135.75
ANCHORAGE CENTER 120.9 319.2
CTAF 122.9



NOTE: RNAV-1.

NOTE: GPS required.

TAKEOFF MINIMUMS

Rwy 15: NA-obstacles.

Rwy 33: 800-2 with minimum climb of 430′ per NM to 2800.

TAKEOFF OBSTACLE NOTES

Rwy 33: Trees beginning 30′ from DER, 318′ right of centerline, up to 39′ AGL/1277′ MSL.
Trees beginning 125′ from DER, 140′ right of centerline, up to 42′ AGL/1280′ MSL.
Tree 159′ from DER, 324′ left of centerline, 25′ AGL/1308′ MSL.
Trees and vehicle on road beginning 163′ from DER, 72′ right of centerline, up to 36′ AGL/1316′ MSL.
Trees and vehicle on road beginning 6763′ from DER, 117′ left of centerline, up to 46′ AGL/1329′ MSL.
Trees beginning 2809′ from DER, 1199′ left of centerline, up to 66′ AGL/1346′ MSL.
Tree 3767′ from DER, 1398′ right of centerline, 39′ AGL/1365′ MSL.
Tree 4800′ from DER, 981′ right of centerline, 40′ AGL/1406′ MSL.
Tree 1.53 NM from DER, 1520′ right of centerline, 46′ AGL/1772′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 33: Climb direct ZADIR, then on track 321° to RUTOY, then on track 289° to PUYVO, continue climb in PUYVO holding pattern to cross PUYVO at or above MEA for route of flight.

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AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	4000
013°	TDZE	74
	Apt Elev	75

RNAV (GPS) RWY 1
HOLY CROSS (HCA) (PAHC)

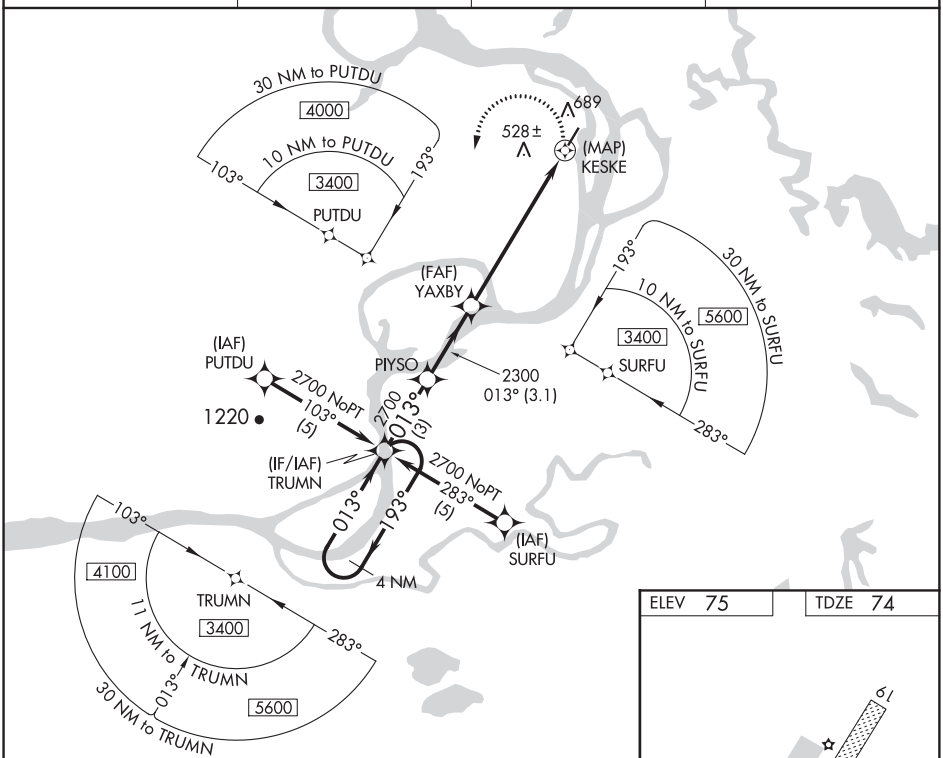
RNP APCH.

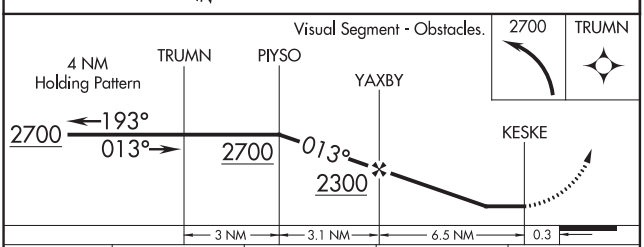
-29°C

Circling NA west of Rwy 1-19. When local altimeter setting not received, use Anvik altimeter setting and increase all MDAs 120 feet, and increase visibility LNAV Cat A, B, D ¼ SM, Cat C ½ SM and Circling Cat B, D ¼ SM, Cat C ½ SM. Circling Rwy 19 NA at night. Rwy 1 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing left turn to 2700 direct TRUMN and hold.

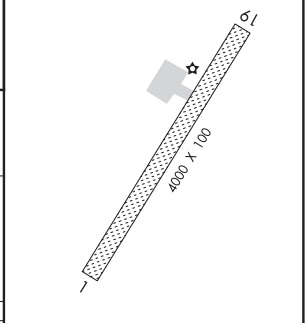
AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	CTAF
118.325	118.15 251.05	122.45	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	940-1 866 (900-1)	940-1¼ 866 (900-1¼)	940-2½ 866 (900-2½)	940-2¾ 866 (900-2¾)
CIRCLING	940-1¼ 865 (900-1¼)		940-2½ 865 (900-2½)	940-2¾ 865 (900-2¾)

ELEV 75 TDZE 74



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HOLY CROSS, ALASKA | AL-9470 (FAA) | 20198

RNAV (GPS) RWY 19
HOLY CROSS (HCA) (PAHC)

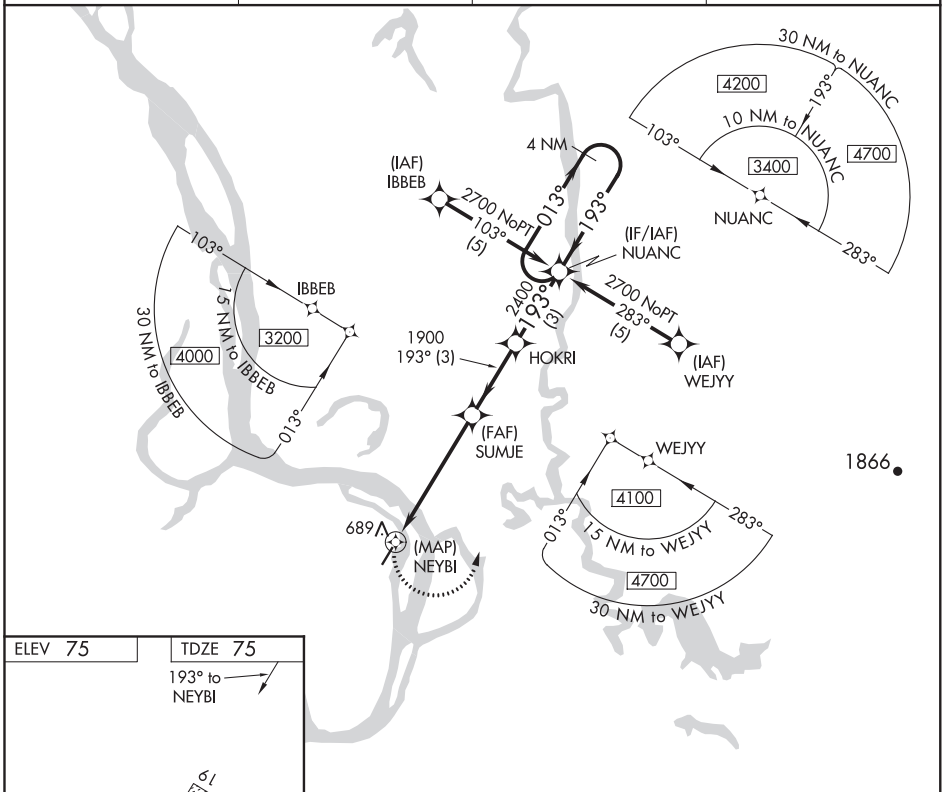
APP CRS	Rwy ldg	4000
193°	TDZE	75
	Apt Elev	75

Rwy 1, 19 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Procedure NA at night. Circling NA west of Rwy 1-19. When local altimeter setting not received, use Anvik altimeter setting and increase all MDAs 120 feet, and increase visibility Cat B/C ¼ SM and LNAV Cat D ½ SM.

-29°C

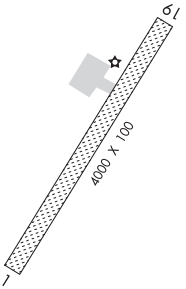
MISSED APPROACH: Climbing left turn to 2700 direct NUANC and hold.

AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	CTAF
118.325	118.15 251.05	122.45	122.8 L

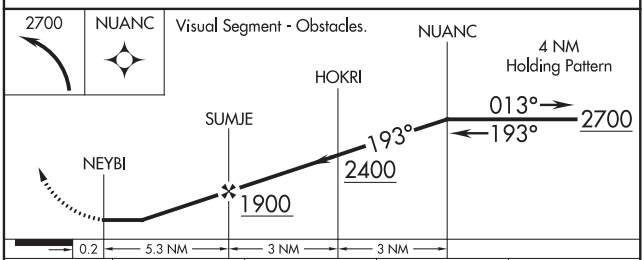


ELEV 75 | TDZE 75

193° to NEYBI



MIRL Rwy 1-19 L



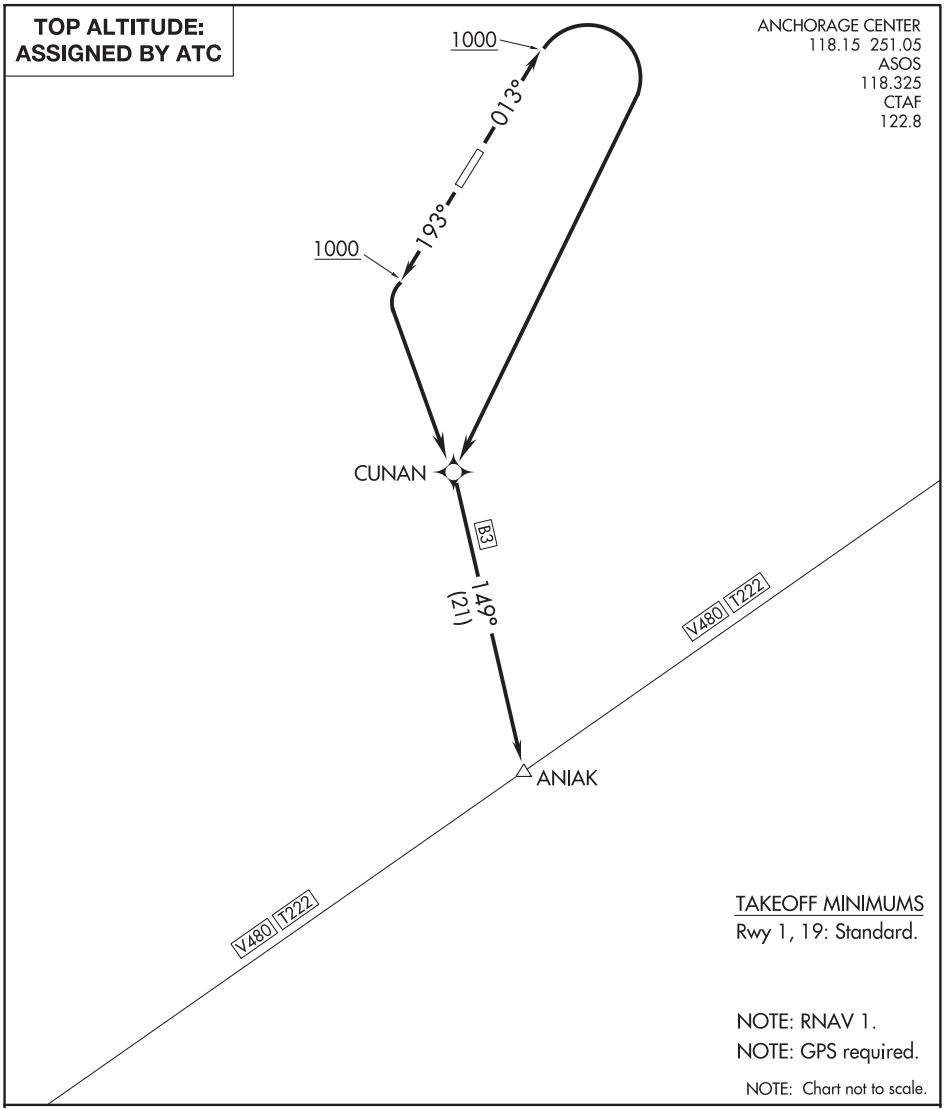
CATEGORY	A	B	C	D
LNAV MDA	1020-1¼ 945 (1000-1¼)		1020-2¾ 945 (1000-2¾)	1020-3 945 (1000-3)
CIRCLING	1020-1¼ 945 (1000-1¼)		1020-2¾ 945 (1000-2¾)	1020-3 945 (1000-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ANIAK TWO DEPARTURE (RNAV)

AL-9470 (FAA)



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AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 013° to 1000, then right turn direct CUNAN, then via depicted route, thence. . . .

TAKEOFF RUNWAY 19: Climb heading 193° to 1000, then direct CUNAN, then via depicted route, thence. . . .

. . . .maintain 3700 or as assigned by ATC.

HOMER, ALASKA | AL-1236 (FAA) | 20198

RNAV (GPS) Y RWY 4
HOMER (HOM) (PAHO)

WAAS CH 86933 W04B	APP CRS 038°	Rwy ldg 6701 TDZE 78 Apt Elev 84

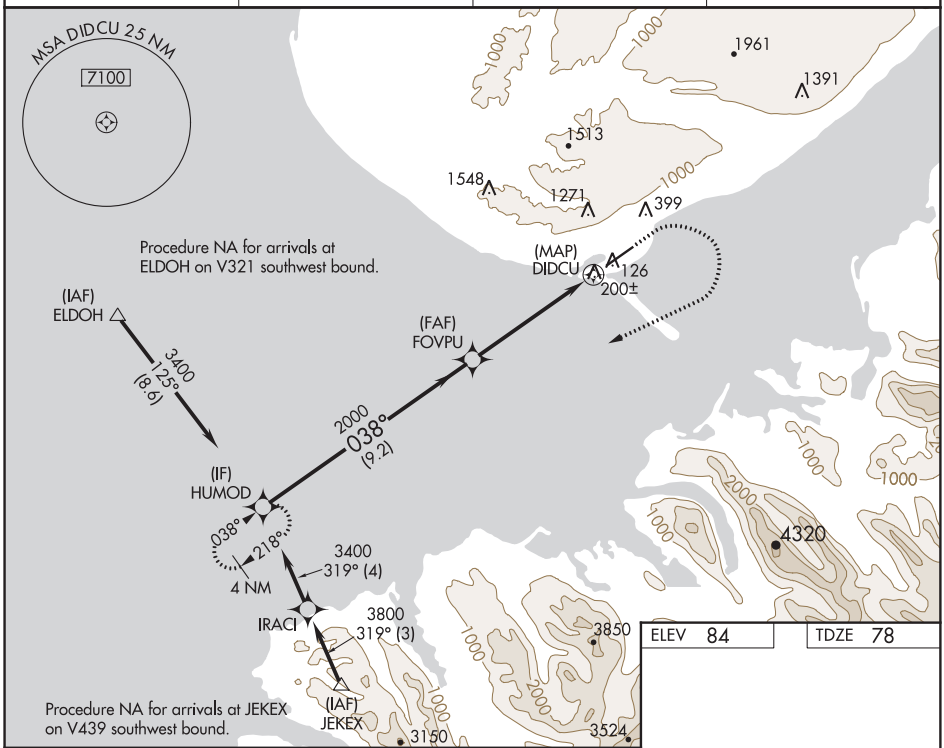
RNP APCH.

Circling NA northwest of Rwy 4-22. Inop table does not apply to LP and LNAV Cats A/B. Circling NA to waterways 6W and 24W. For inop ALS, increase LP Cat C/D visibility to 1⅛ SM.

MALSF

MISSED APPROACH: Climb to 500 then climbing right turn to 3500 direct HUMOD and hold.

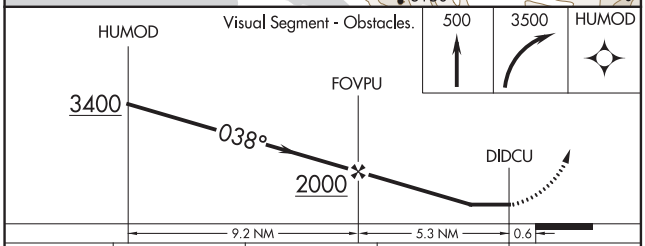
AFIS	ANCHORAGE CENTER	HOMER RADIO	UNICOM
135.65	125.9 270.3	123.6 (CTAF) L	122.7 123.0 123.05



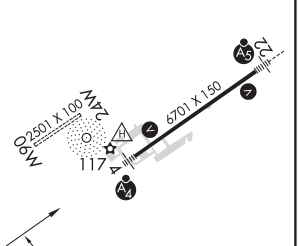
ELEV 84	TDZE 78

Visual Segment - Obstacles.

500	3500	HUMOD



CATEGORY	A	B	C	D
LP MDA	460-1 382 (400-1)			
LNAV MDA	760-1 682 (700-1)		760-1¾ 682 (700-1¾)	
C CIRCLING	760-1 676 (700-1)		760-2 676 (700-2)	760-2¼ 676 (700-2¼)



HIRL Rwy 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 72633 W22B	APP CRS 228°	Rwy ldg 6701 TDZE 84 Apt Elev 84

RNAV (GPS) Y RWY 22
HOMER (HOM) (PAHO)

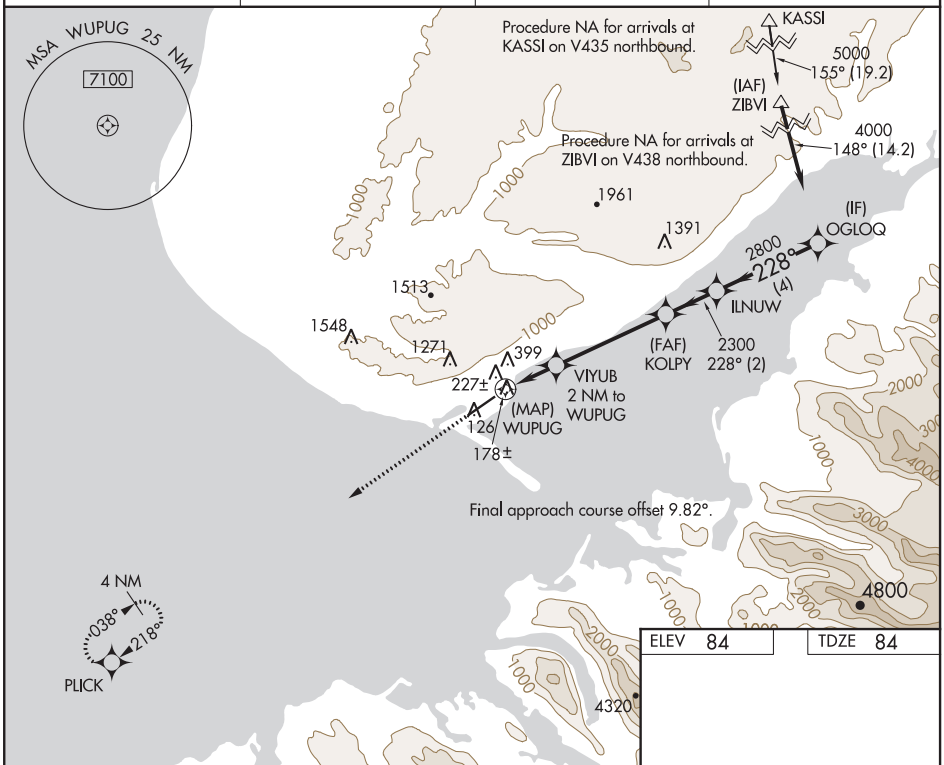
RNP APCH.

Inop table does not apply to LP and LNAV Cat A/B. Circling NA northwest of Rwy 4-22. Circling NA to waterways 6W and 24W. For inop ALS, increase LP Cat C/D visibility to 1⅛ SM and LNAV Cat C/D to 1⅞ SM.

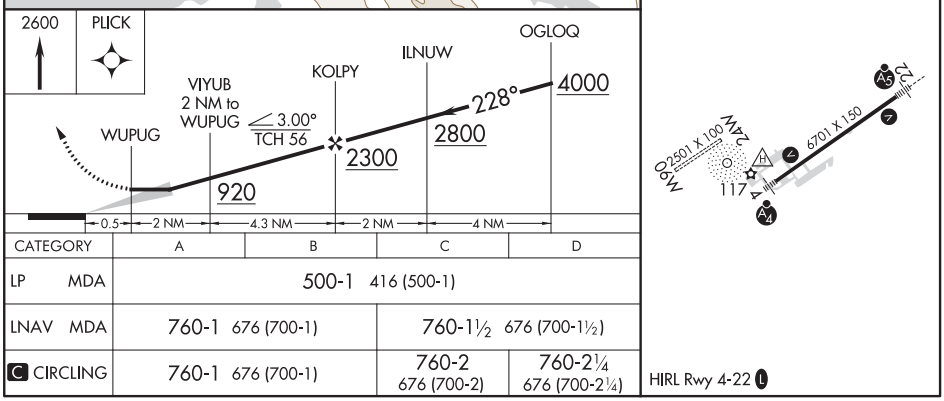
MALSR

MISSED APPROACH: Climb to 2600 direct PLICK and hold.

AFIS	ANCHORAGE CENTER	HOMER RADIO	UNICOM
135.65	125.9 270.3	123.6 (CTAF) L	122.7 123.0 123.05



ELEV 84 TDZE 84



CATEGORY	A	B	C	D
LP MDA	500-1 416 (500-1)			
LNAV MDA	760-1 676 (700-1)		760-1½ 676 (700-1½)	
C CIRCLING	760-1 676 (700-1)		760-2 676 (700-2)	760-2¼ 676 (700-2¼)

HIRL Rwy 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

HOMER, ALASKA | AL-1236 (FAA) | 19227

WAAS CH 86302 W04A	APP CRS 038°	Rwy ldg 6701 TDZE 78 Apt Elev 84

RNAV (GPS) Z RWY 4

HOMER (HOM) (PAHO)

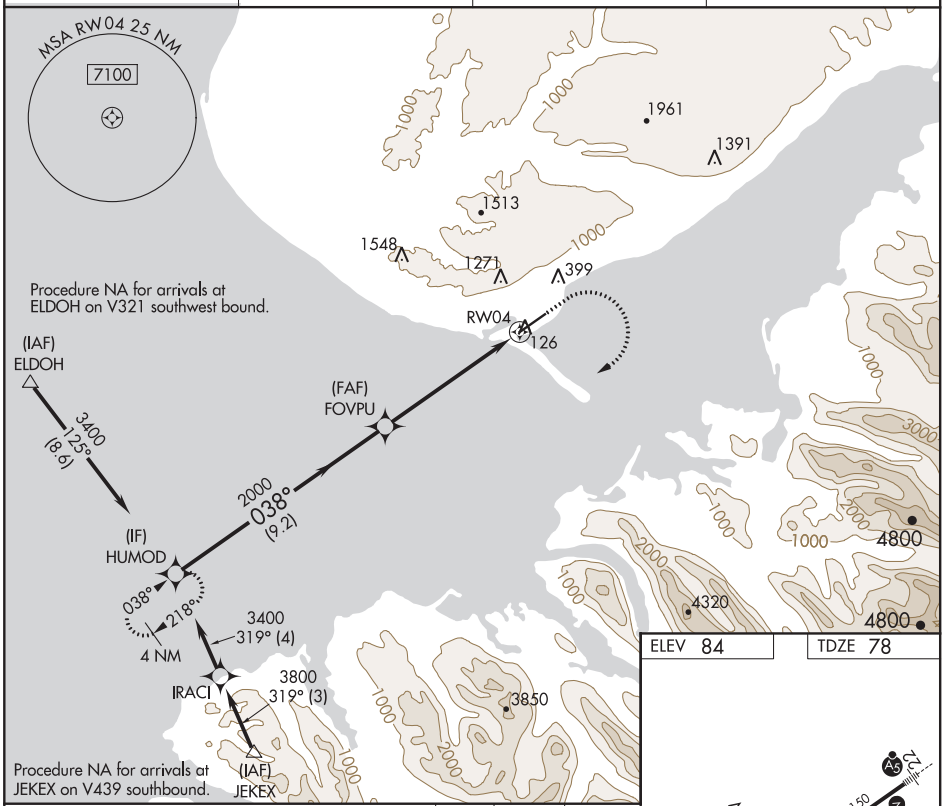
RNP APCH.

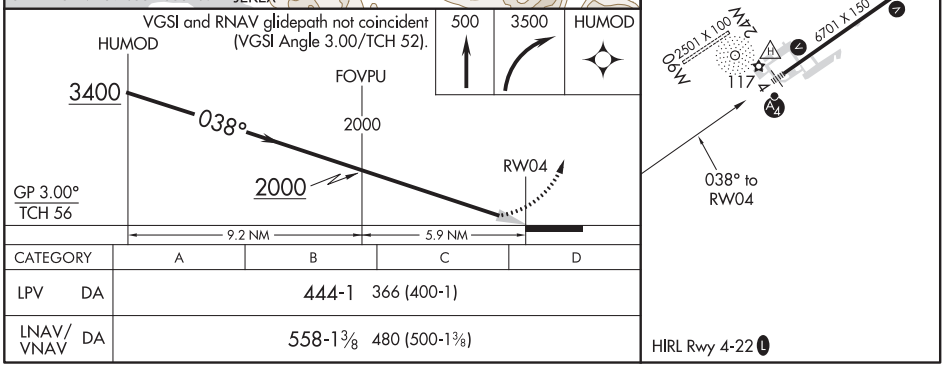
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C. Inop table does not apply to LPV all Cats.

MALSF

MISSED APPROACH: Climb to 500 then climbing right turn to 3500 direct HUMOD and hold.

AFIS	ANCHORAGE CENTER	HOMER RADIO	UNICOM
135.65	125.9 270.3	123.6 (CTAF) L	122.7 123.0 123.05





CATEGORY		A	B	C	D
LPV	DA	444-1 366 (400-1)			
LNAV/VNAV	DA	558-1⅜ 480 (500-1⅜)			

HOMER, ALASKA
Amdt 1C 20JUN19

59°39′N-151°29′W

HOMER (HOM) (PAHO)

RNAV (GPS) Z RWY 4

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 82402 W22A	APP CRS 218°	Rwy ldg 6701 TDZE 84 Apt Elev 84

RNAV (GPS) Z RWY 22
HOMER (HOM) (PAHO)

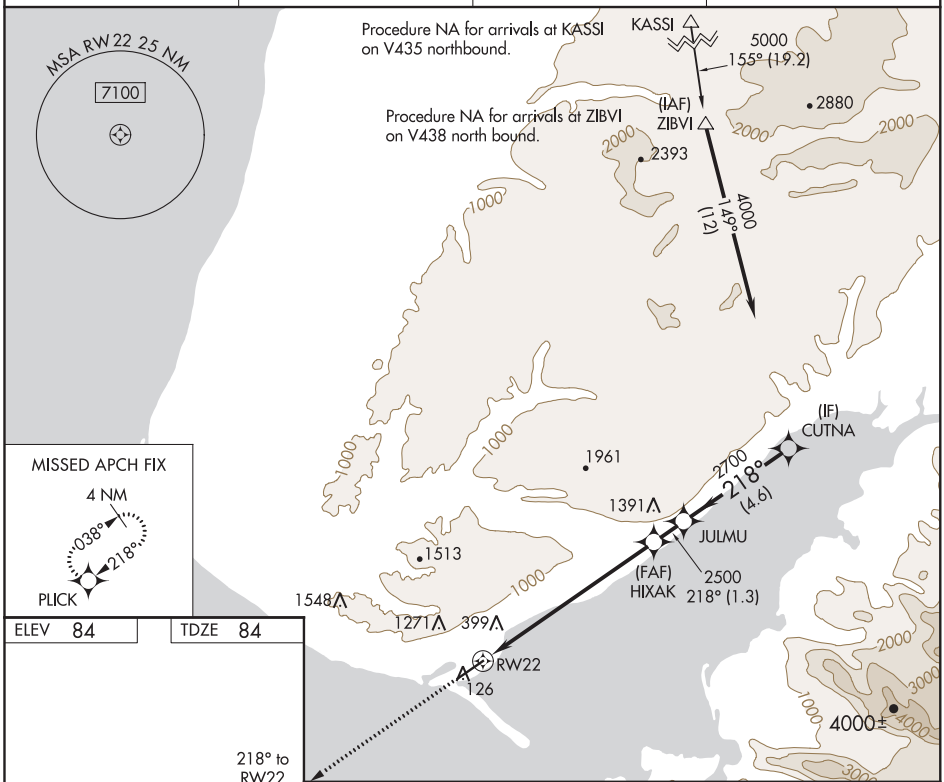
RNP APCH.

T Helicopter visibility reduction below ¾ SM NA. Inop table does not apply to LPV minimums. Baro-VNAV NA. When local altimeter setting not received, procedure NA. For inop ALS increase LNAV/VNAV all Cats visibility to 1⅞ SM.

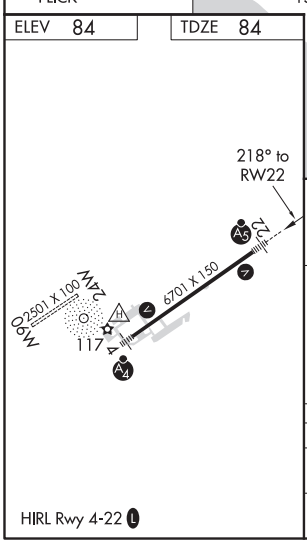
MALSR

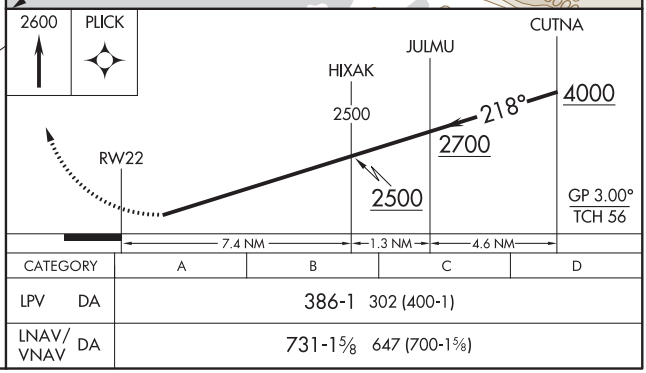
MISSED APPROACH: Climb to 2600 direct PLICK and hold.

AFIS	ANCHORAGE CENTER	HOMER RADIO	UNICOM
135.65	125.9 270.3	123.6 (CTAF) L	122.7 123.0 123.05



ELEV 84	TDZE 84





CATEGORY	A	B	C	D
LPV DA	386-1 302 (400-1)			
LNAV/VNAV DA	731-1⅝ 647 (700-1⅝)			

HIRL Rwy 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

HOMER, ALASKA | AL-1236 (FAA) | 19283

LOC BC RWY 22
HOMER (HOM) (PAHO)

LOC/DME I-HOM	APP CRS	Rwy ldg	6701
109.3	218°	TDZE	84
Chan 30		Apt Elev	84

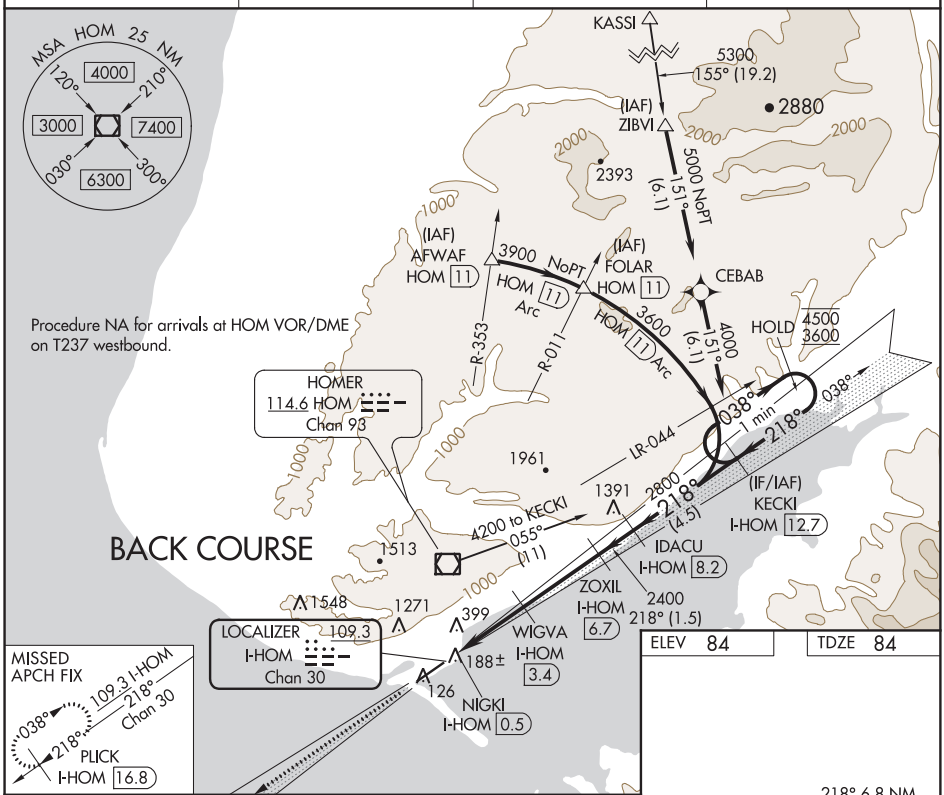
DME required. From KASSI: RNAV 1-GPS required.

Inop table does not apply. Rwy 22 helicopter visibility reduction below ¾ SM NA. Circling NA northwest of Rwy 4-22. Circling NA to waterways 6W and 24W.

MALSR

MISSED APPROACH: Climb to 2600 on I-HOM localizer SW course 218° then PLICK/16.8 DME and hold.

AFIS	ANCHORAGE CENTER	HOMER RADIO	UNICOM
135.65	125.9 270.3	123.6 (CTAF) L	122.7 123.0 123.05



CATEGORY	A	B	C	D
S-LOC 22	440-1 356 (400-1)			
C CIRCLING	500-1 416 (500-1)	540-1 456 (500-1)	540-1½ 456 (500-1½)	760-2¼ 676 (700-2¼)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC RWY 4
HOMER (HOM)(PAHO)

LOC/DME I-HOM	APP CRS	Rwy ldg	6701
109.3	038°	TDZE	78
Chan 30		Apt Elev	84

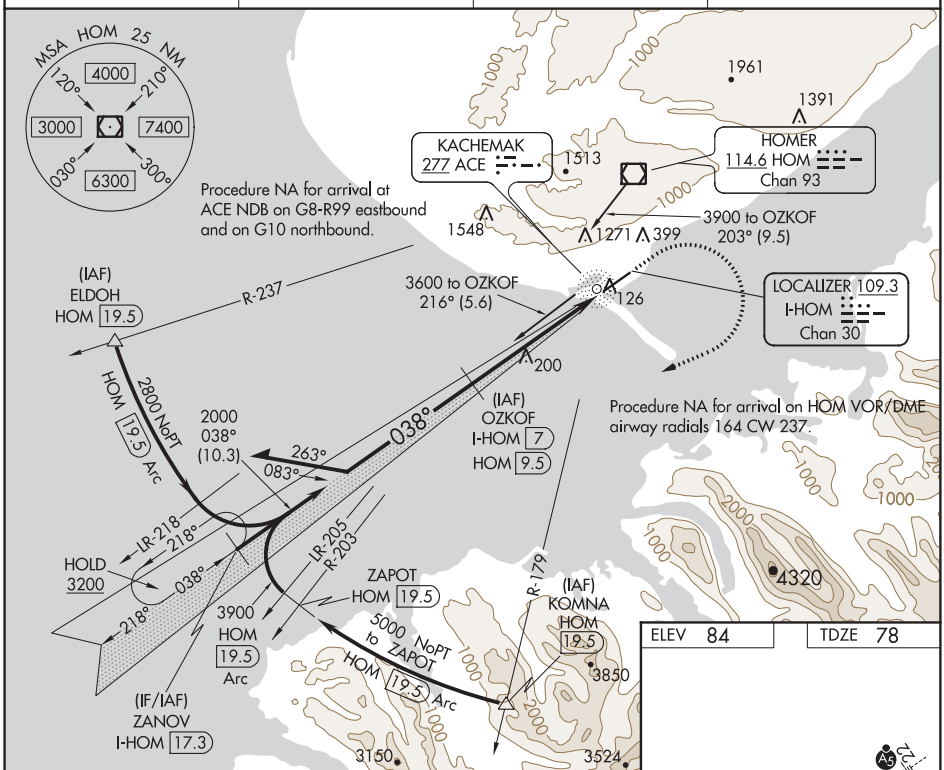
ADF or DME required for procedure entry. DME required.

Circling NA northwest of Rwy 4-22. Inop table does not apply to Cats A and B. For inop ALS increase Cat C/D visibility to 1⅛ SM. Circling NA to waterways 6W and 24W.

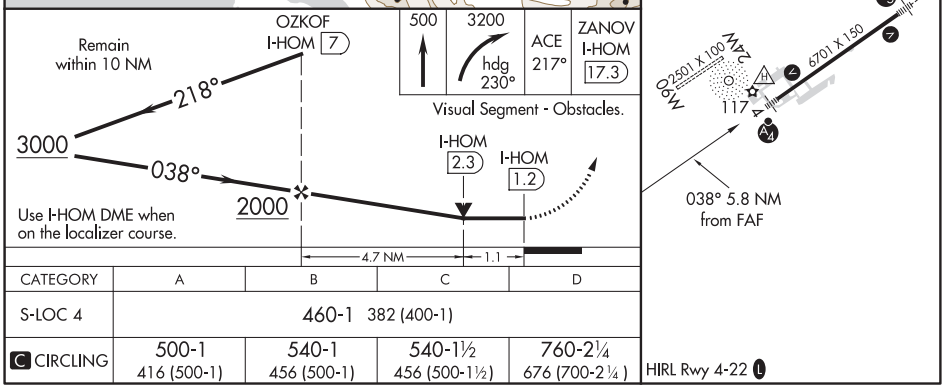
MALSF

MISSED APPROACH: Climb to 500 then climbing right turn to 3200 on heading 230° and on ACE NDB bearing 217° to ZANOV/I-HOM 17.3 DME and hold.

AFIS	ANCHORAGE CENTER	HOMER RADIO	UNICOM
135.65	125.9 270.3	123.6 (CTAF) L	122.7 123.0 123.05



ELEV	84	TDZE	78



CATEGORY	A	B	C	D
S-LOC 4	460-1 382 (400-1)			
C CIRCLING	500-1 416 (500-1)	540-1 456 (500-1)	540-1½ 456 (500-1½)	760-2¼ 676 (700-2¼)

HIRL Rwy 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

HOOPER BAY, ALASKA | AL-6831 (FAA) | 19227

WAAS CH 82224 W13A	APP CRS 136°	Rwy ldg 3300 TDZE 20 Apt Elev 20

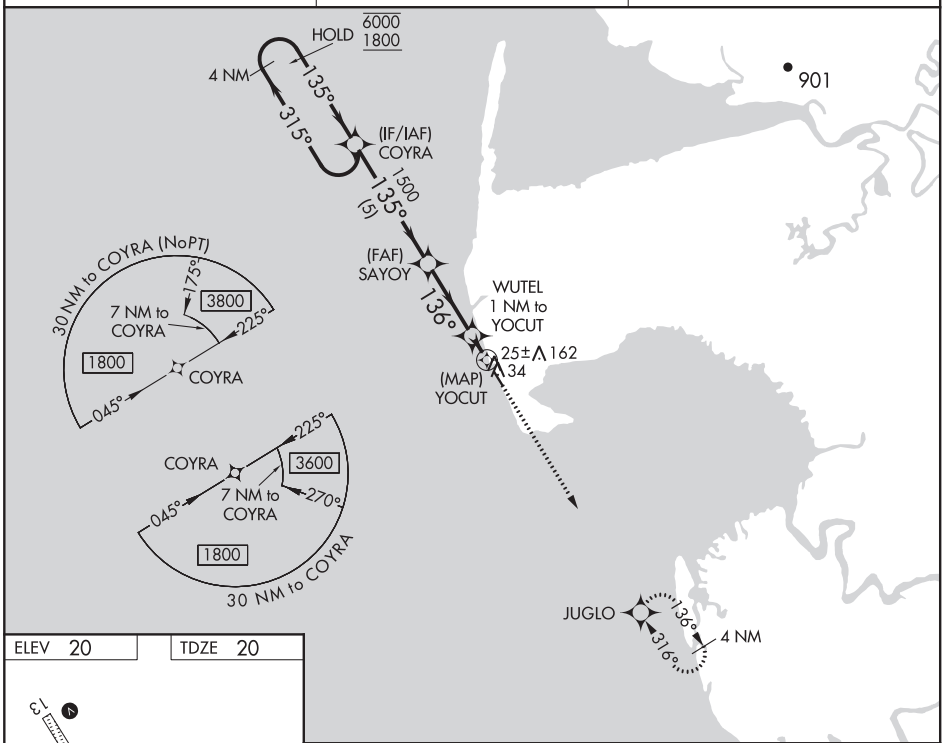
RNAV (GPS) RWY 13
HOOPER BAY (HPB) (PAHP)

RNP APCH.

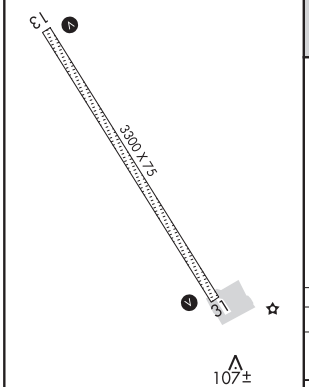
Circling Rwy 31 NA at night.

MISSED APPROACH: Climb to 1800 direct JUGLO and hold.

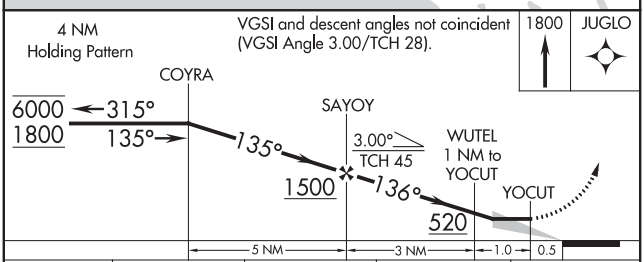
AWOS-3P	KENAI RADIO	CTAF
135.1	122.4	123.0 L



ELEV 20 | TDZE 20



REIL Rwys 13 and 31
MIRL Rwy 13-31 L



CATEGORY	A	B	C	D
LP MDA	320-1 300 (300-1)			
LNAV MDA	320-1 300 (300-1)			
C CIRCLING	420-1 400 (400-1)	480-1 460 (500-1)	480-1½ 460 (500-1½)	580-2 560 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 65725 W31A	APP CRS 316°	Rwy ldg 3300 TDZE 20 Apt Elev 20

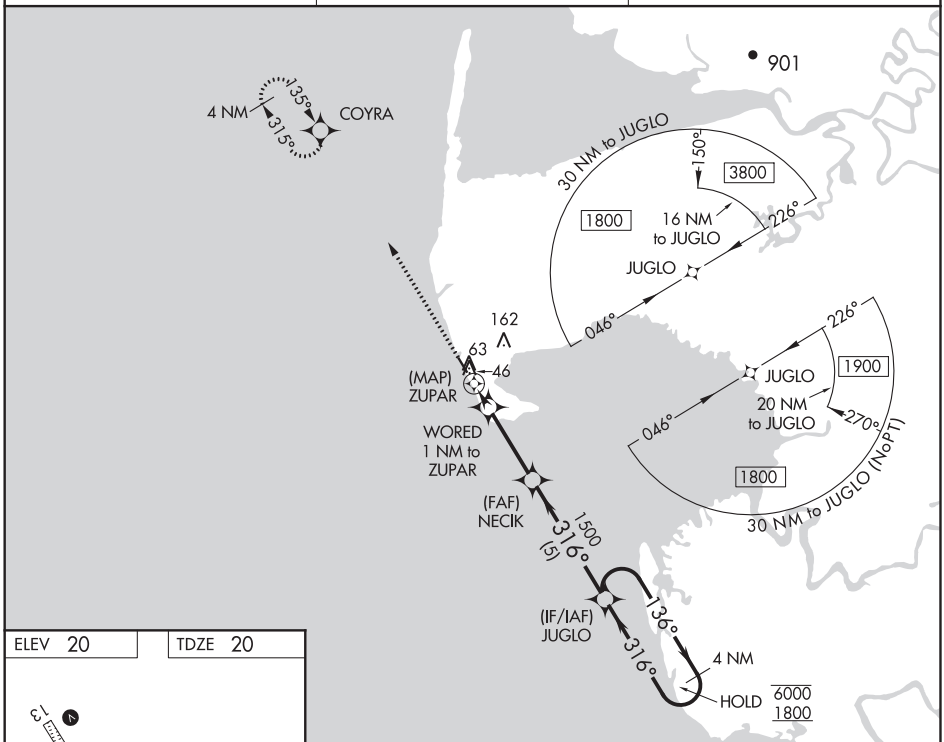
RNAV (GPS) RWY 31
HOOPER BAY (HPB) (PAHP)

RNP APCH.

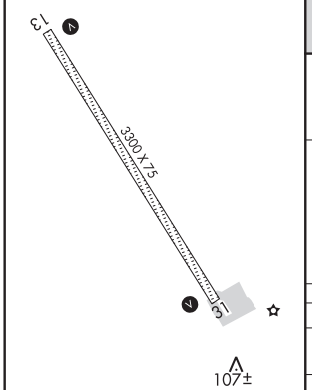
T Rwy 31 helicopter visibility reduction below 1 SM NA. Straight-in and Circling Rwy 31 NA at night.

MISSED APPROACH: Climb to 1800 direct COYRA and hold.

AWOS-3P	KENAI RADIO	CTAF
135.1	122.4	123.0 L



ELEV 20 TDZE 20

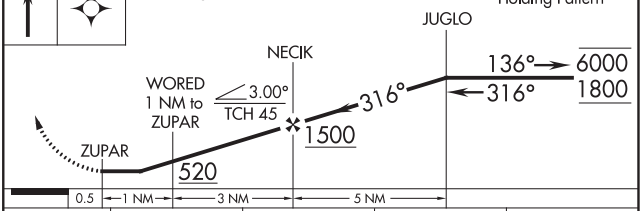


REIL Rwys 13 and 31
MIRL Rwy 13-31 L

1800 COYRA

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 28).

4 NM Holding Pattern



CATEGORY	A	B	C	D
LP MDA	380-1 360 (400-1)			
LNAV MDA	380-1 360 (400-1)			
C CIRCLING	420-1 400 (400-1)	480-1 460 (500-1)	480-1½ 460 (500-1½)	580-2 560 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

HOOPER BAY, ALASKA

AL-6831 (FAA)

19227

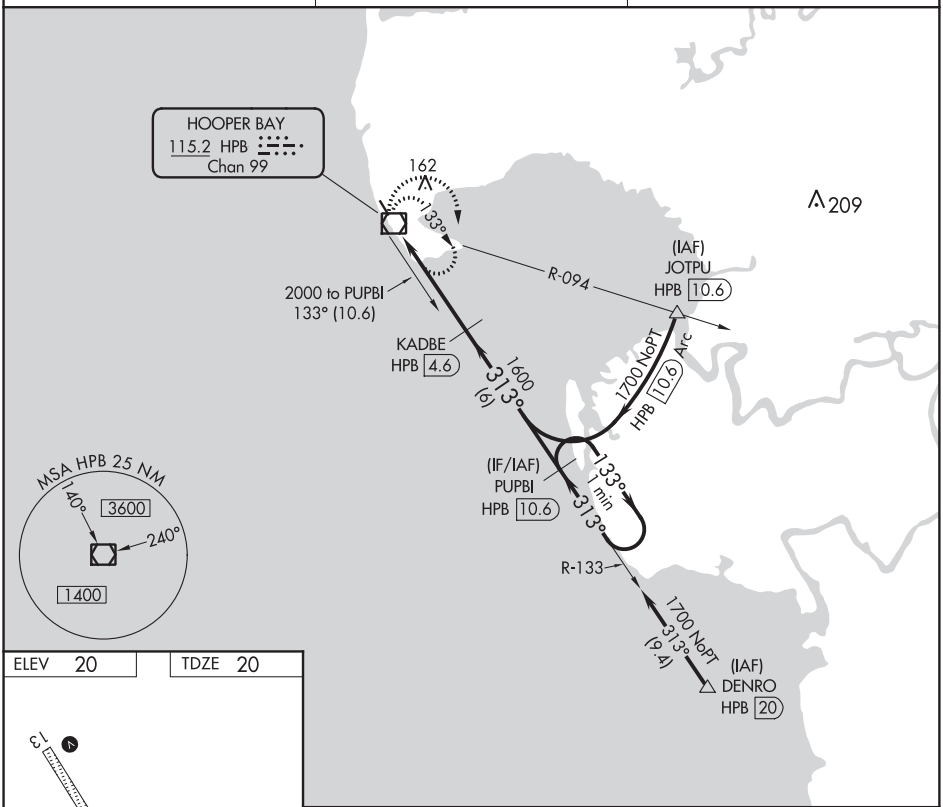
VOR/DME RWY 31
HOOPER BAY (HPB) (PAHP)

VOR/DME HPB	APP CRS	Rwy ldg	3300
115.2	313°	TDZE	20
Chan 99		Apt Elev	20

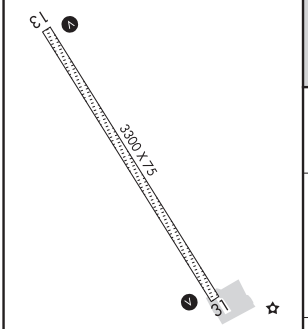
When local altimeter setting not received, use Scammon Bay altimeter setting and increase all MDA 60 feet and S-31 Cats C/D visibility ¼ mile. Inoperative table does not apply. Helicopter visibility reduction below 1 SM NA. Straight-in and Circling Rwy 31 NA at night.

MISSED APPROACH: Climbing right turn to 2000 in HPB VOR/DME holding pattern.

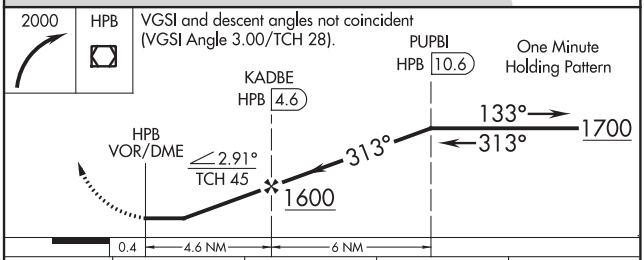
AWOS-3P	KENAI RADIO	CTAF
135.1	122.4	123.0 L



ELEV 20 | TDZE 20



REIL Rwys 13 and 31
MIRL Rwy 13-31 L



CATEGORY	A	B	C	D
S-31	380-1 360 (400-1)			380-1¼ 360 (400-1¼)
CIRCLING	420-1 400 (500-1)	480-1 460 (500-1)	480-1½ 460 (500-1½)	580-2 560 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

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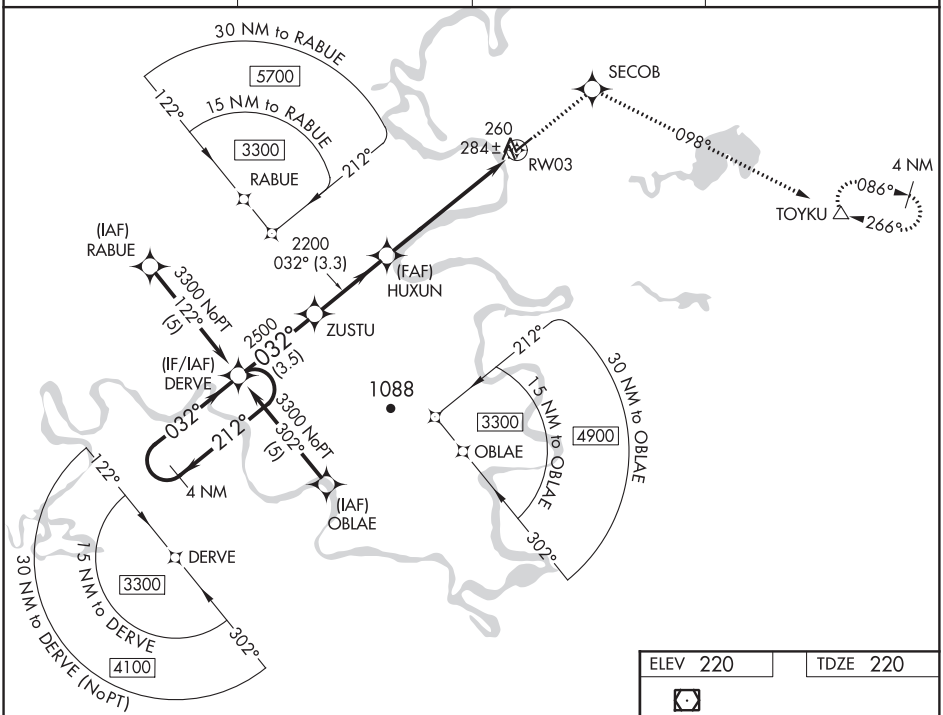
WAAS CH 42608 W03A	APP CRS 032°	Rwy ldg 4000 TDZE 220 Apt Elev 220

RNAV (GPS) RWY 3
HUSLIA (HLA)(PAHL)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (118°F). Helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA.

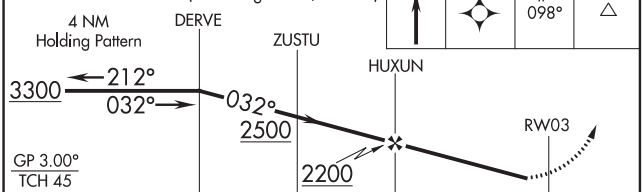
MISSED APPROACH: Climb to 3500 direct SECOB and via 098° track to TOYKU and hold, continue climb-in-hold to 3500.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	UNICOM
135.75	127.0 290.2	122.4	122.8 (CTAF) L



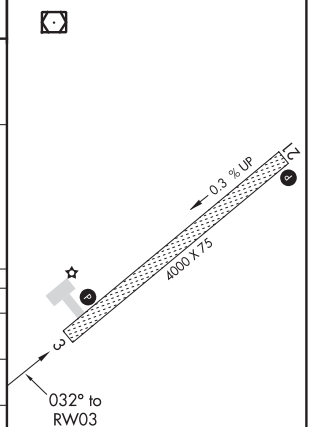
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).

3500	SECOB	tr 098°	TOYKU



CATEGORY	A	B	C	D
LPV DA	525-1 305 (400-1)			
LNAV/VNAV DA	567-1¼ 347 (400-1¼)			
LNAV MDA	540-1 320 (400-1)			
CIRCLING	600-1 380 (400-1)	680-1 460 (500-1)	680-1½ 460 (500-1½)	780-2 560 (600-2)

ELEV 220 TDZE 220



REIL Rwys 3 and 21 L
MIRL Rwy 3-21 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

HUSLIA, ALASKA | AL-9273 (FAA) | 19283

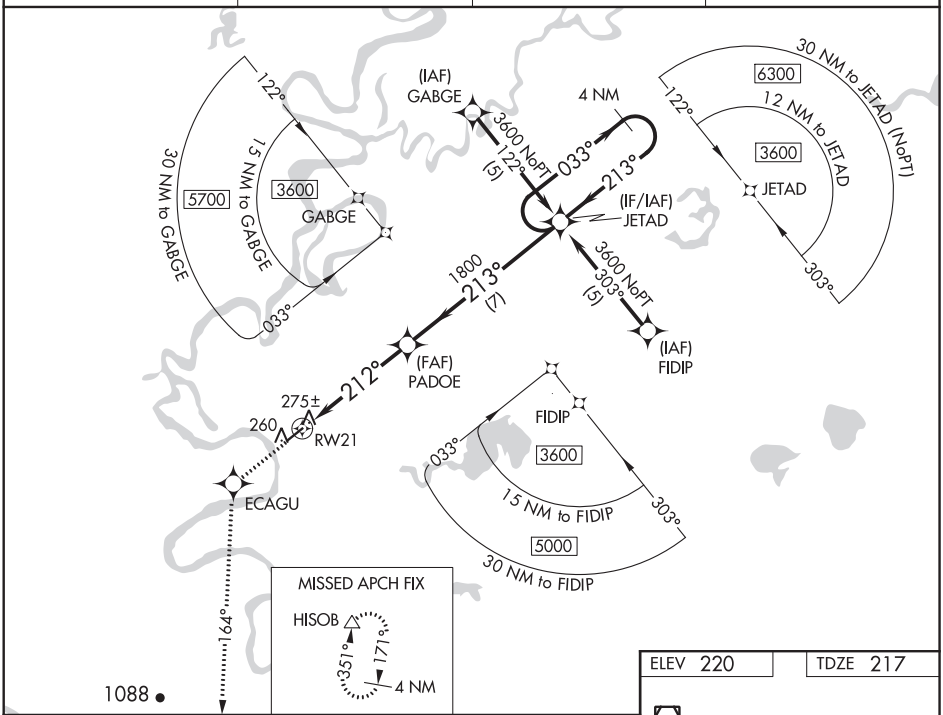
RNAV (GPS) RWY 21
HUSLIA (HLA)(PAHL)

WAAS CH 61108 W21A	APP CRS 212°	Rwy ldg 4000 TDZE 217 Apt Elev 220

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (118°F). Helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA.

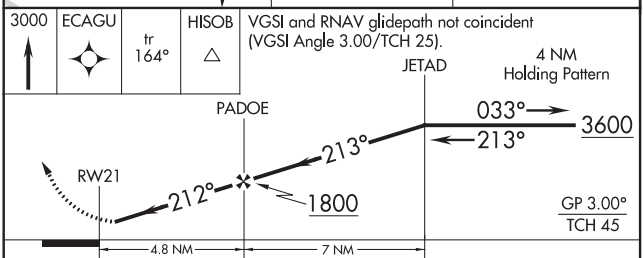
MISSED APPROACH: Climb to 3000 direct ECAGU and via 164° track to HISOB and hold.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	UNICOM
135.75	127.0 290.2	122.4	122.8 (CTAF) L



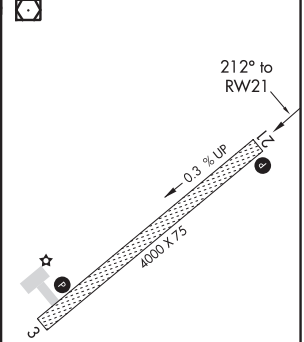
3000	ECAGU	tr 164°	HISOB

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).



CATEGORY	A	B	C	D
LPV DA	517-1 300 (300-1)			
LNAV/VNAV DA	549-1¼ 332 (400-1¼)			
LNAV MDA	540-1 323 (400-1)			
CIRCLING	600-1 380 (400-1)	680-1 460 (500-1)	680-1½ 460 (500-1½)	780-2 560 (600-2)

ELEV 220 | TDZE 217



REIL Rwys 3 and 21 L
MIRL Rwy 3-21 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

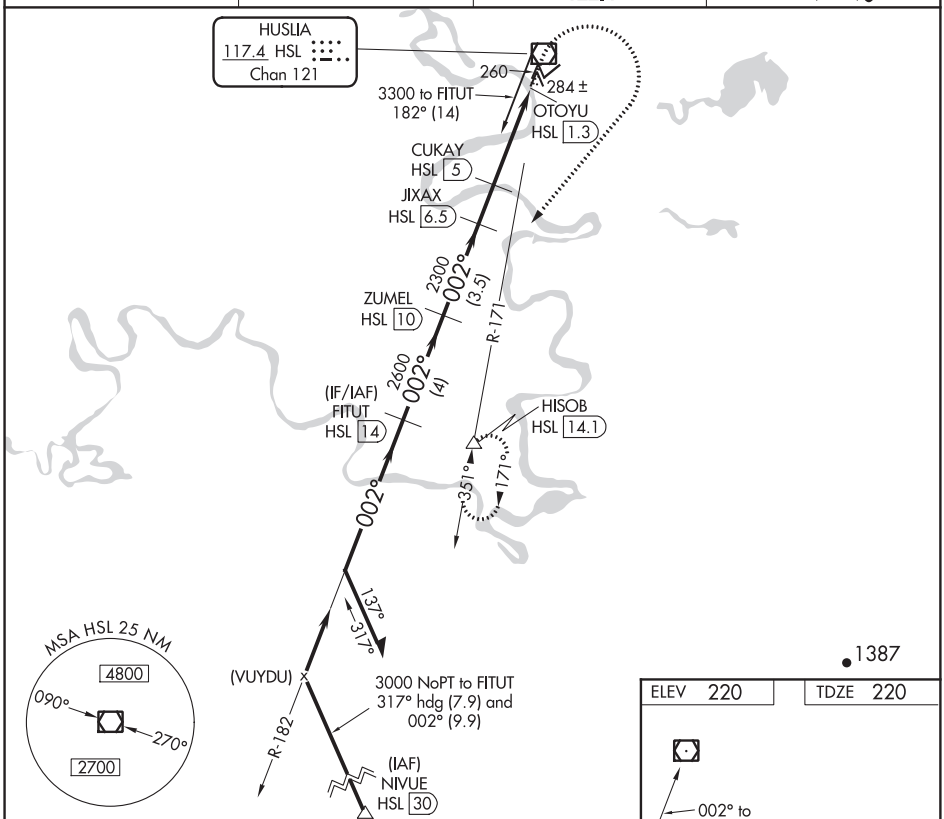
VOR/DME HSL	APP CRS	Rwy ldg	4000
117.4	002°	TDZE	220
Chan 121		Apt Elev	220

VOR/DME RWY 3
HUSLIA (HLA)(PAHL)

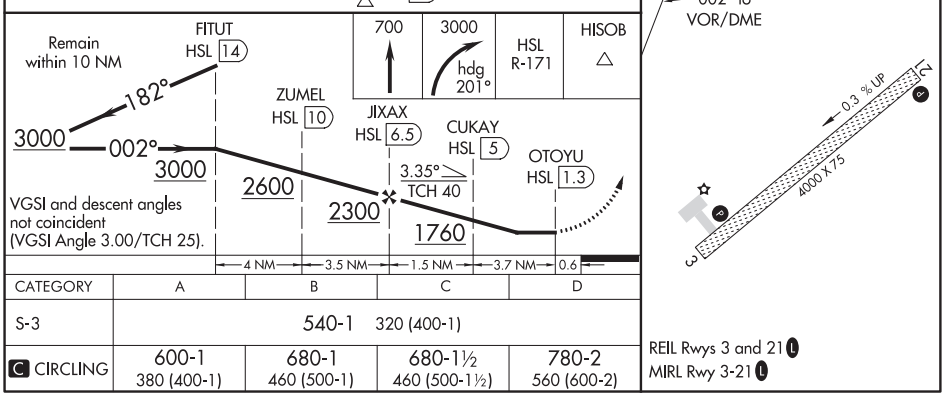
Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 700 then climbing right turn to 3000 on heading 201° and HSL R-171 to HISOB/14.1 DME and hold.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	UNICOM
135.75	127.0 290.2	122.4	122.8 (CTAF) L



ELEV 220	TDZE 220



CATEGORY	A	B	C	D
S-3	540-1 320 (400-1)			
C CIRCLING	600-1 380 (400-1)	680-1 460 (500-1)	680-1½ 460 (500-1½)	780-2 560 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

IGIUGIG, ALASKA | AL-10157 (FAA) | 17229

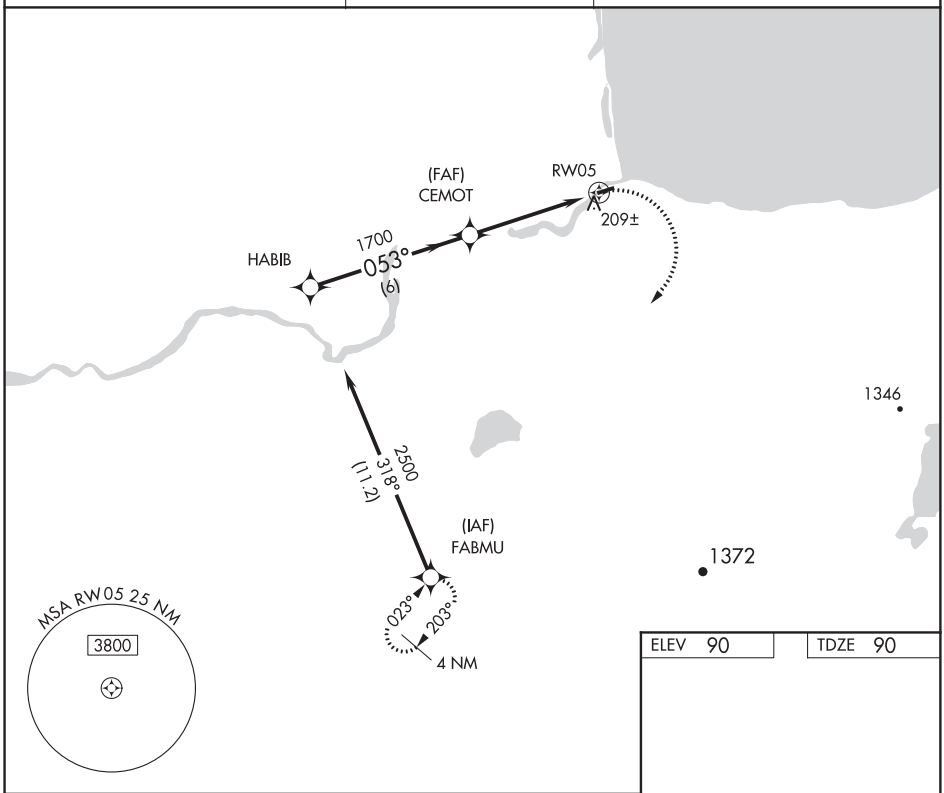
RNAV (GPS) RWY 5
IGIUGIG (IGG)(PAIG)

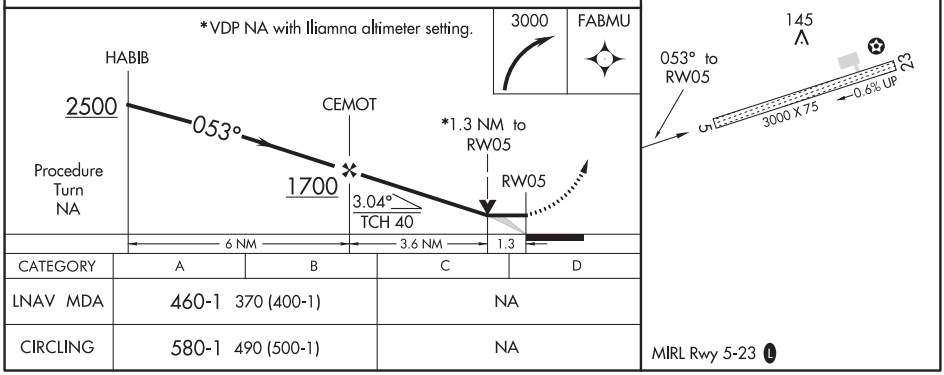
APP CRS	Rwy ldg	3000
053°	TDZE	90
	Apt Elev	90

DME/DME RNP-0.3 NA. If local altimeter setting not received, use Iliamna altimeter setting and increase all MDAs 120 feet.

MISSED APPROACH: Climbing right turn to 3000 direct FABMU and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
119.925	118.8	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	460-1 370 (400-1)		NA	
CIRCLING	580-1 490 (500-1)		NA	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

IGIUGIG, ALASKA
Orig-C 17AUG17

59°19′N-155°54′W

IGIUGIG (IGG)(PAIG)
RNAV (GPS) RWY 5

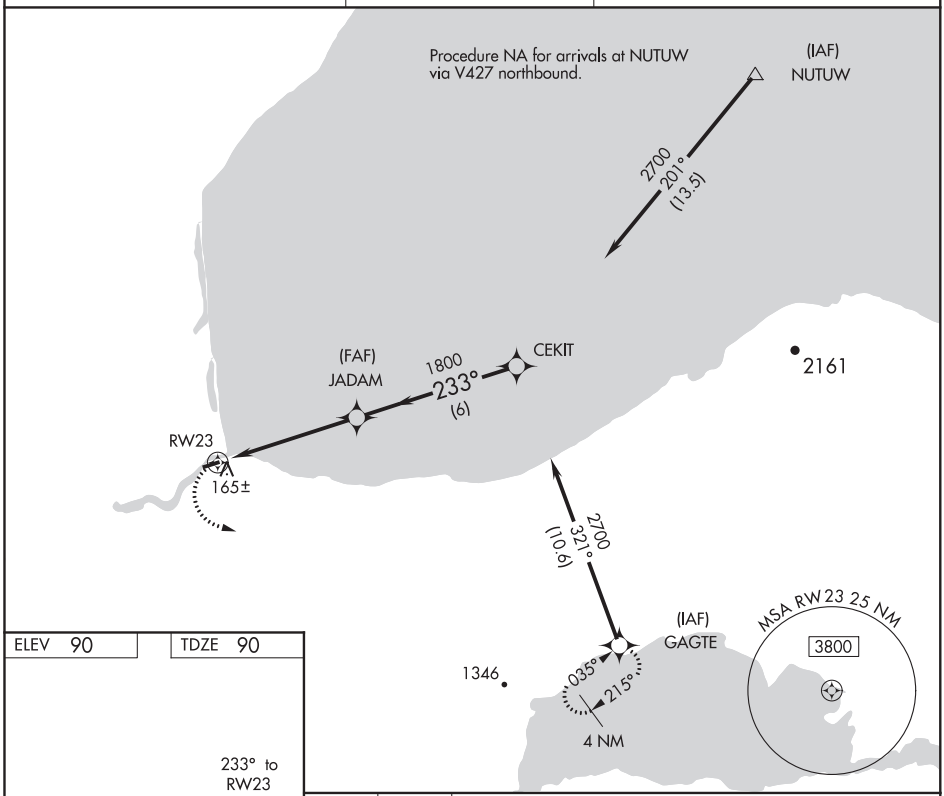
RNAV (GPS) RWY 23
IGIUGIG (IGG)(PAIG)

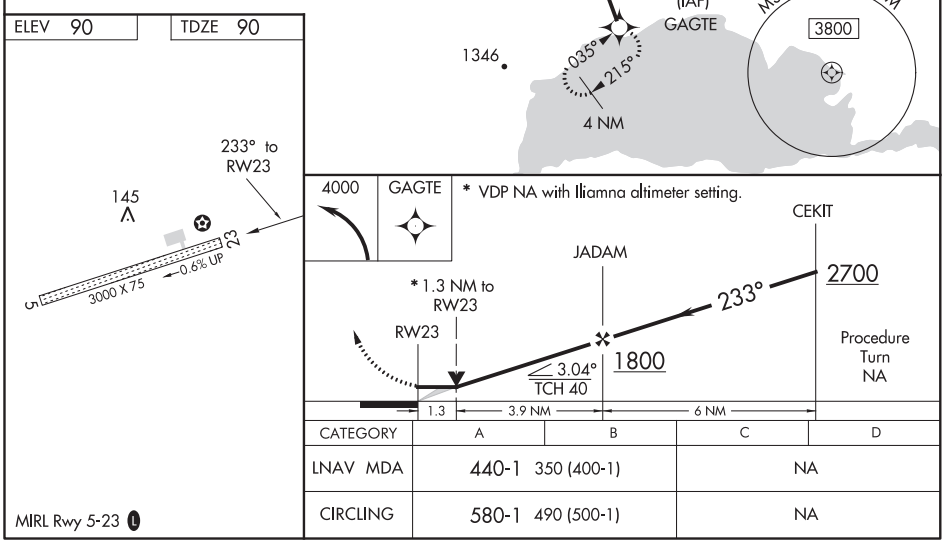
APP CRS	Rwy ldg	3000
233°	TDZE	90
	Apt Elev	90

DME/DME RNP-0.3 NA. If local altimeter setting not received, use Iliamna altimeter setting and increase all MDAs 120 feet.

MISSED APPROACH: Climbing left turn to 4000 direct GAGTE and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
119.925	118.8	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	440-1 350 (400-1)		NA	
CIRCLING	580-1 490 (500-1)		NA	

MIRL Rwy 5-23 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ILIAMNA, ALASKA | AL-1251 (FAA) | 20254

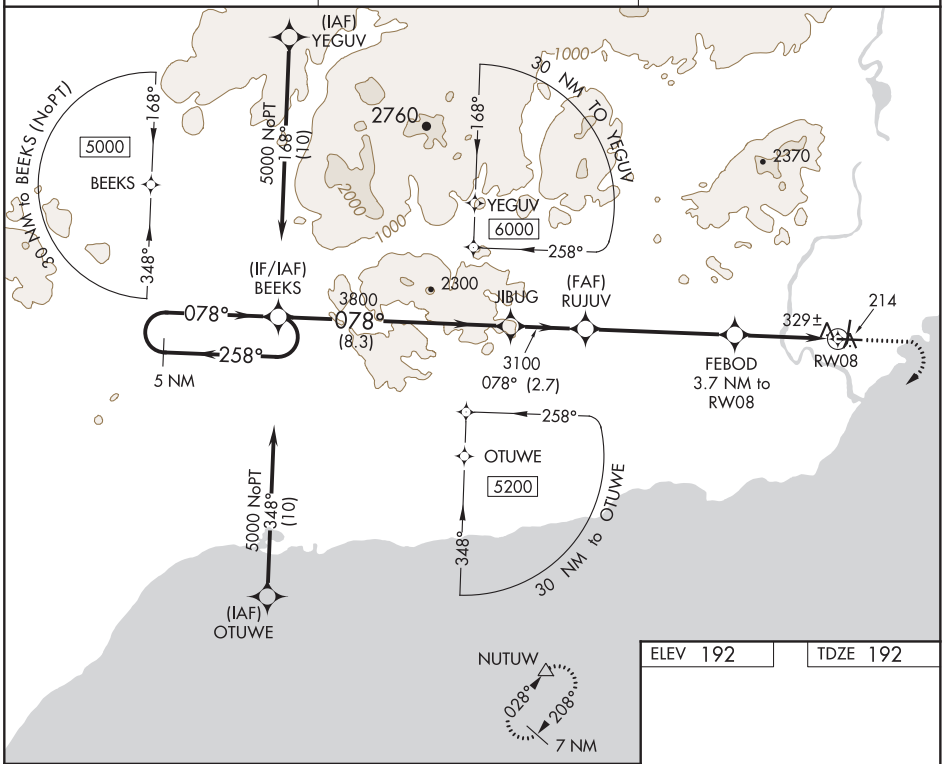
RNAV (GPS) RWY 8
ILIAMNA (ILI) (PAIL)

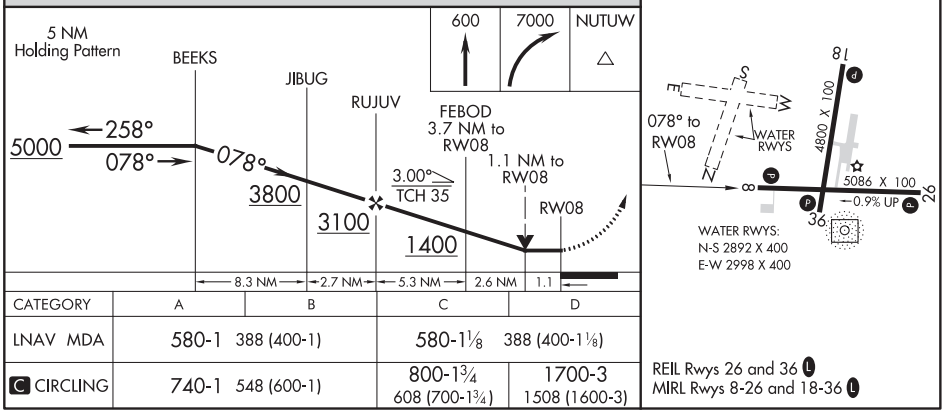
APP CRS	Rwy ldg	5086
078°	TDZE	192
	Apt Elev	192

When local altimeter setting not received, procedure NA.
Rwy 8 helicopter visibility reduction below ¾ SM NA.
-29°C DME/DME RNP- 0.3 NA.

MISSED APPROACH: Climb to 600, then climbing right turn to 7000 direct NUTUW and hold, continue climb-in-hold 7000.

AFIS	ANCHORAGE CENTER	ILIAMNA RADIO
134.95	118.8	123.6 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	580-1 388 (400-1)		580-1⅛ 388 (400-1⅛)	
C CIRCLING	740-1 548 (600-1)		800-1¾ 608 (700-1¾)	1700-3 1508 (1600-3)

REIL Rwys 26 and 36 L
MIRL Rwys 8-26 and 18-36 L

AK, 05 NOV 2020 to 31 DEC 2020

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APP CRS	Rwy ldg	4800
175°	TDZE	183
	Apt Elev	192

RNAV (GPS) RWY 18
ILIAMNA (ILI) (PAIL)

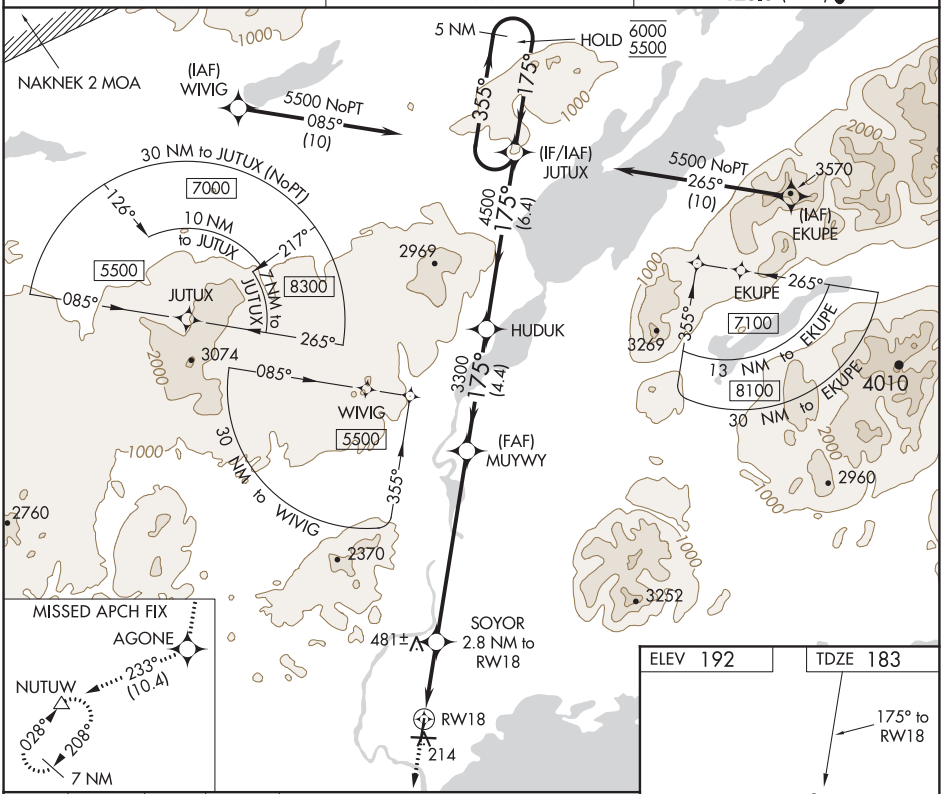
RNP APCH.

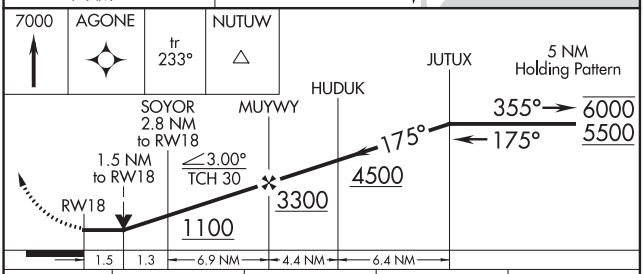
Rwy 18 helicopter visibility reduction below ¾ SM NA.

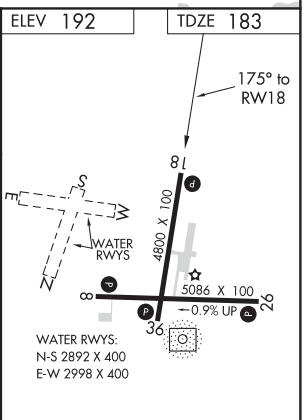
-29°C

MISSED APPROACH: Climb to 7000 direct AGONE and on track 233° to NUTUW and hold, continue climb-in-hold to 7000.

AFIS	ANCHORAGE CENTER	ILIAMNA RADIO
134.95	118.8	123.6 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	700-1 517 (600-1)		700-1⅜ 517 (600-1⅜)	
C CIRCLING	740-1 548 (600-1)		800-1¾ 608 (700-1¾)	1700-3 1508 (1600-3)

REIL Rwys 26 and 36 L
MIRL Rwys 8-26 and 18-36 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ILIAMNA, ALASKA | AL-1251 (FAA) | 20254

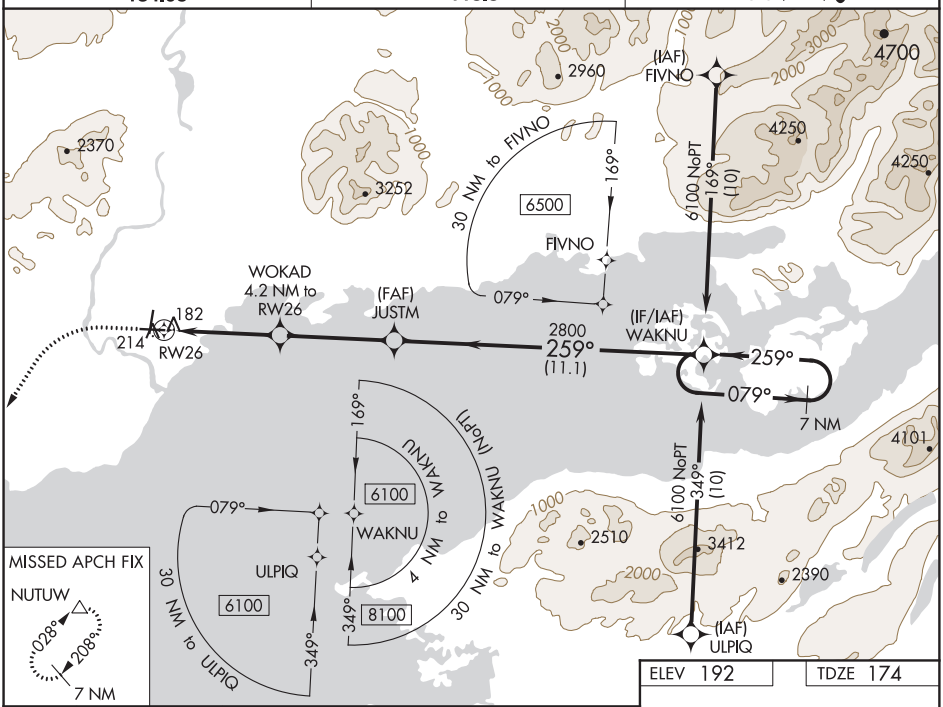
RNAV (GPS) RWY 26
ILIAMNA (ILI) (PAIL)

WAAS CH 45910 W26A	APP CRS 259°	Rwy ldg 5086 TDZE 174 Apt Elev 192

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-5° F) or above 54°C (130°F). When local altimeter setting not received, procedure NA. DME/DME RNP-0.3 NA. -29°C

MISSED APPROACH: Climb to 600, then climbing left turn to 7000 direct NUTUW and hold, continue climb-in-hold to 7000.

AFIS	ANCHORAGE CENTER	ILIAMNA RADIO
134.95	118.8	123.6 (CTAF) L



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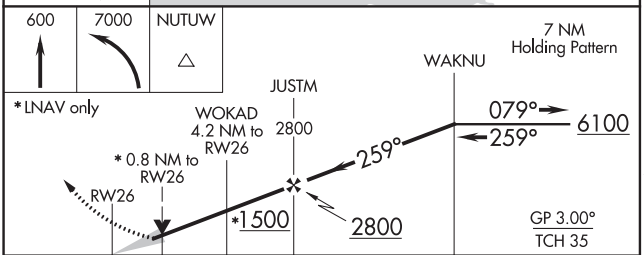
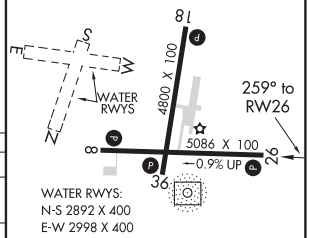
ELEV 192	TDZE 174



CATEGORY	A	B	C	D
LPV DA	424-1 250 (300-1)			
LNAV/VNAV DA	424-1 250 (300-1)			
LNAV MDA	440-1 266 (300-1)			
C CIRCLING	740-1 548 (600-1)	800-1¾ 608 (700-1¾)	1700-3 1508 (1600-3)	



REIL Rwys 26 and 36 L
MIRL Rwys 8-26 and 18-36 L

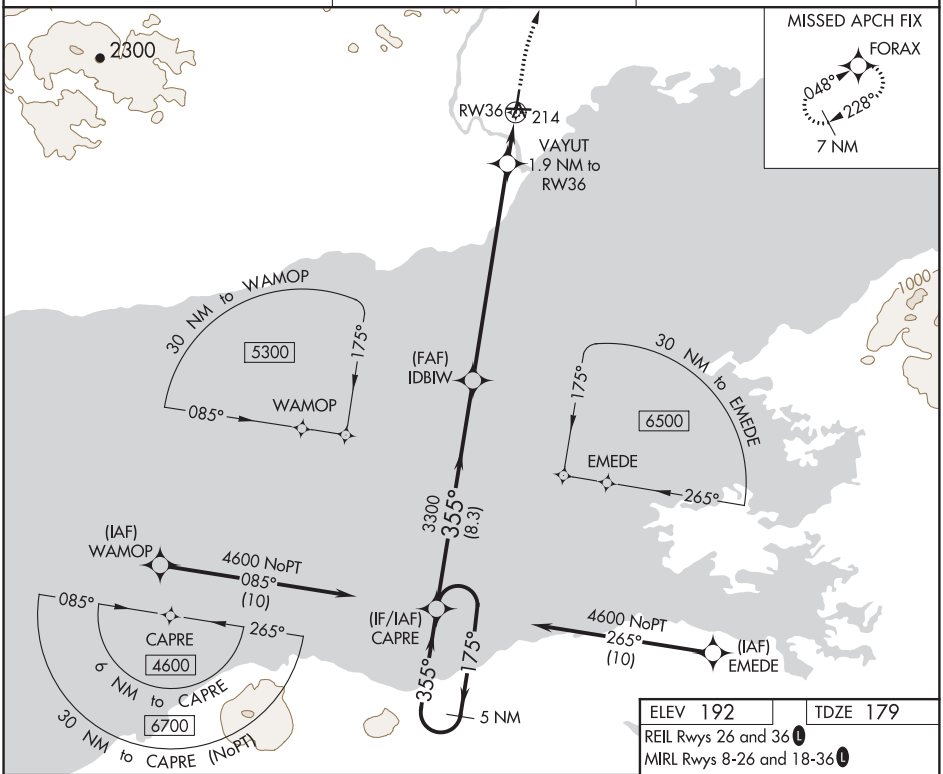
WAAS CH 82110 W36A	APP CRS 355°	Rwy ldg 4800 TDZE 179 Apt Elev 192

RNAV (GPS) RWY 36
ILIAMNA (ILI) (PAIL)

For uncompensated Baro-VNAV systems, procedure NA below -21°C (-5° F) or above 54°C (130°F). When local altimeter setting not received, procedure NA. DME/DME RNP-0.3 NA. -29°C

MISSED APPROACH: Climb to 640 then climbing right turn to 8400 direct FORAX and hold, continue climb-in-hold to 8400.

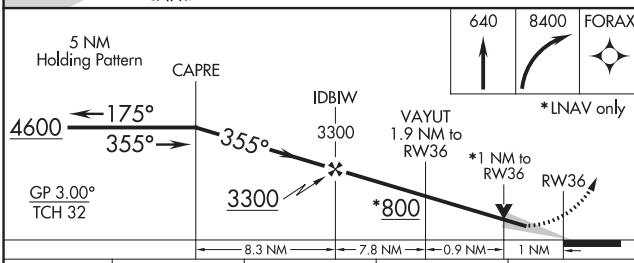
AFIS	ANCHORAGE CENTER	ILIAMNA RADIO
134.95	118.8	123.6 (CTAF) L



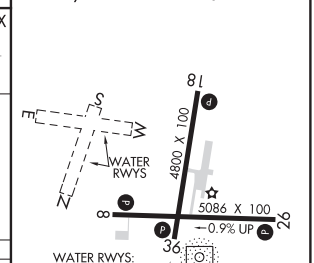
ELEV 192 | TDZE 179

REIL Rwys 26 and 36 L

MIRL Rwys 8-26 and 18-36 L



CATEGORY	A	B	C	D
LPV DA	429-1	250 (300-1)		
LNAV/VNAV DA	462-1	283 (300-1)		
LNAV MDA	540-1	361 (400-1)		
C CIRCLING	740-1	548 (600-1)	800-1¾ 608 (700-1¾)	1700-3 1508 (1600-3)



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AK, 05 NOV 2020 to 31 DEC 2020

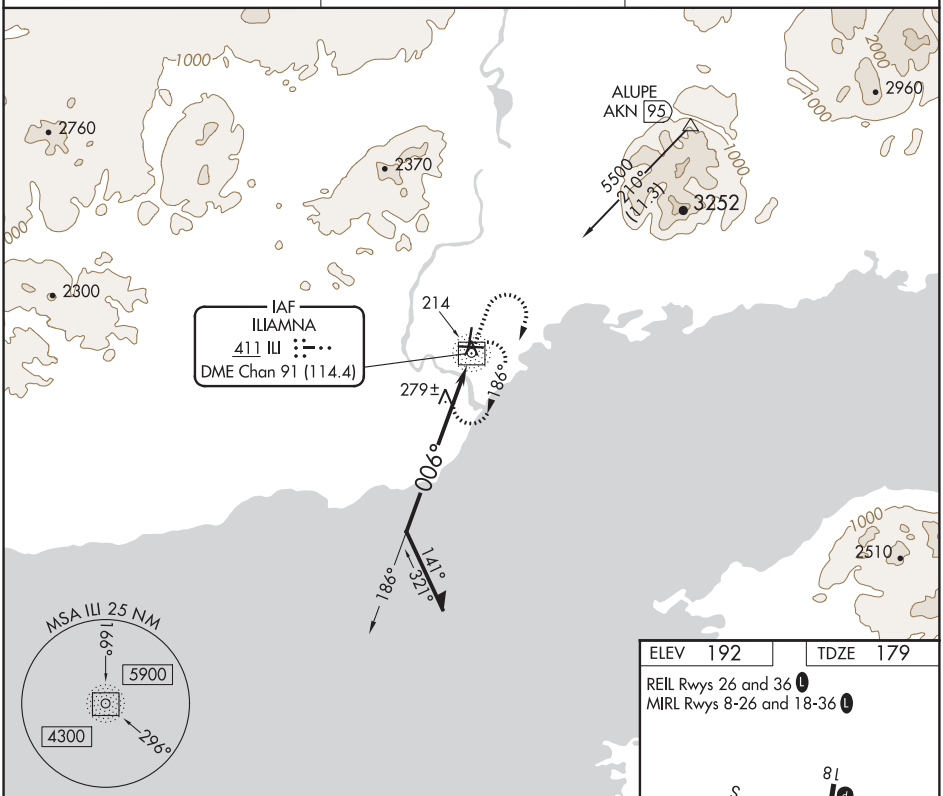
NDB/DME ILI 411 Chan 91 (114.4)	APP CRS 006°	Rwy ldg 4800 TDZE 179 Apt Elev 192

NDB RWY 36
ILIAMNA (ILI) (PAIL)

Circling Rwy 18 NA at night.
Rwy 36 helicopter visibility reduction below ¾ SM NA.
-29°C

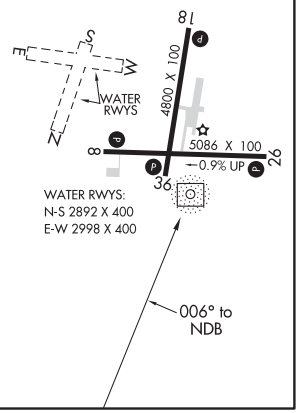
MISSED APPROACH: Climb to 1100 then climbing right turn to 3000 via heading 186° then climbing right turn to 4800 direct ILI NDB/DME and hold, continue climb-in-hold to 4800. When authorized by ATC, climb-in-hold to 7000.

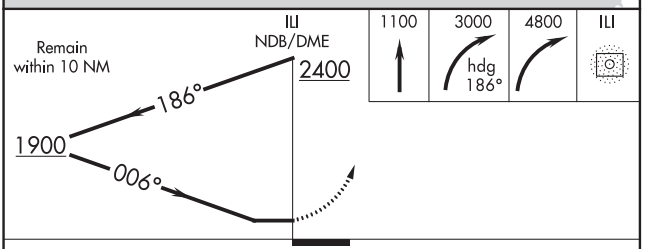
AFIS	ANCHORAGE CENTER	ILIAMNA RADIO
134.95	118.8	123.6 (CTAF) L



ELEV 192 TDZE 179

REIL Rwys 26 and 36 L
MIRL Rwys 8-26 and 18-36 L





CATEGORY	A	B	C	D
S-36	680-1 501 (500-1)		680-1½ 501 (500-1½)	
C CIRCLING	740-1 548 (600-1)		800-1¾ 608 (700-1¾)	1700-3 1508 (1600-3)

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AK, 05 NOV 2020 to 31 DEC 2020

UTOPIA CREEK, ALASKA

RNAV (GPS) RWY 24

APCH CRS	Rwy ldg	4100
243°	TDZE	1161
	Arpt Elev	1261

AL-2335 (USAF)

INDIAN MOUNTAIN LRRS (PAIM)

MISSED APPROACH: Climbing left turn to 7000 direct CHAZY and hold. Continue climb in hold to 7000.

ANCHORAGE CENTER	CTAF	FAIRBANKS RADIO
124.6 352.0	126.2	122.6

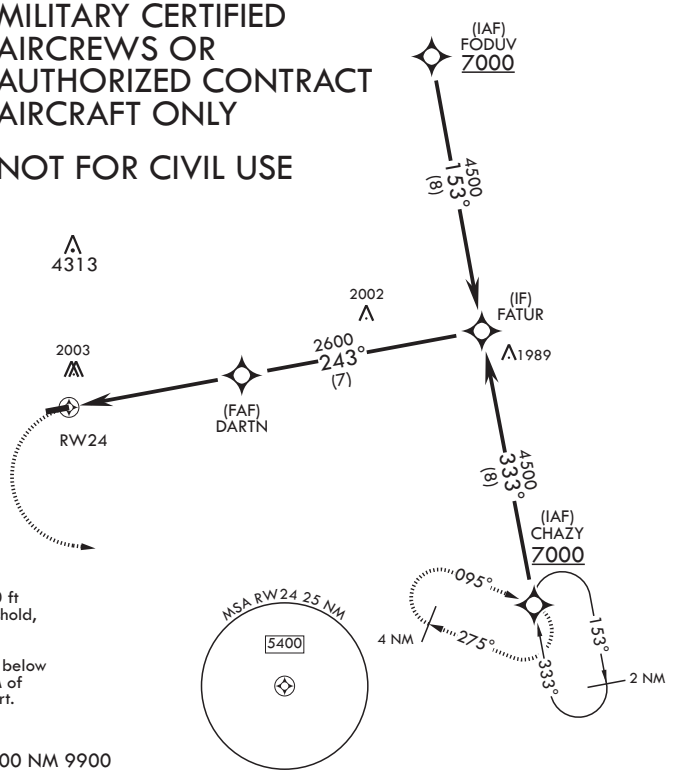
DME/DME RNP -0.3 NA

AWOS-3

Night operations not authorized.

MILITARY CERTIFIED AIRCREWS OR AUTHORIZED CONTRACT AIRCRAFT ONLY

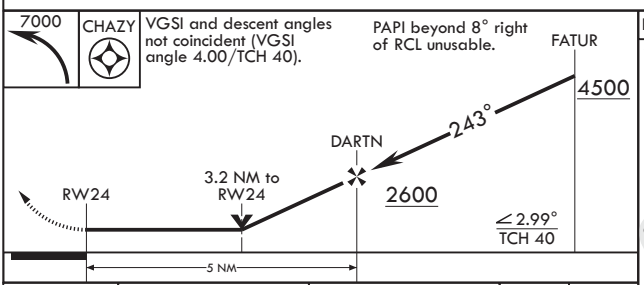
NOT FOR CIVIL USE



CAUTION: Terrain 960 ft MSL, 200 ft from threshold, 200 ft left of course.

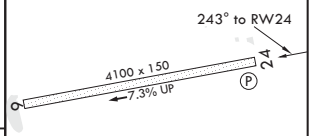
Uncontrolled airspace below 700' AGL within 4 NM of Indian Mountain airport.

EMERG SAFE ALT 100 NM 9900



ELEV 1261 TDZE 1161

Take-off Rwy 6
Land Rwy 24



REIL Rwy 24

CATEGORY	A	B	C	D
LNAV MDA	2360-1¼ 1199 (1100-1¼)	2360-1½ 1199 (1100-1½)	NA	
C CIRCLING	NOT AUTHORIZED			

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AK, 05 NOV 2020 to 31 DEC 2020

UTOPIA CREEK, ALASKA

20030

NDB RWY 24

NDB/DME UTO	APCH CRS	Rwy ldg 4100
272	252°	TDZE 1161
Chan 22 (Y)		Arpt Elev 1261

AL-2335 [USAF]

INDIAN MOUNTAIN LRRS (PAIM)

Night operations not authorized.

MISSED APPROACH: Climb to 5000, then climbing left turn to 6600 direct UTO NDB and hold. Continue climb climb-in-hold to 6600.

ANCHORAGE CENTER APP/DEP CON	RCO	CTAF	AWOS-3
124.6 352.0	122.6 (FAIRBANKS)	126.2	

CAUTION:Rwy located on a slope of a 3415′ mountainwith W end at the base of cliff, APRROACH ONLY FROM THE EAST.

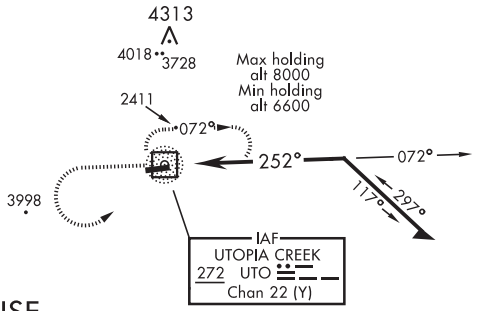
CAUTION: Terrain, 982′ MSL, 200′ from thld, 872′ left of course.

Successful go around improbable if initiated past MAP.

Uncontrolled Airspace below 700′ AGL within 4 NM of Indian Mountain airport.

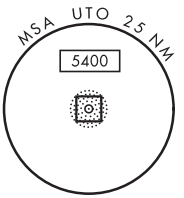
Visibility reduction by helicopters NA.

PAPI Beyond 8° right of RCL unusable.

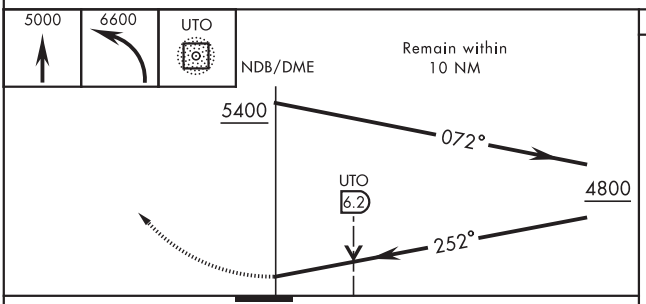


NOT FOR CIVIL USE

MILITARY CERTIFIED AIRCREWS or AUTHORIZED CONTRACT AIRCRAFT ONLY



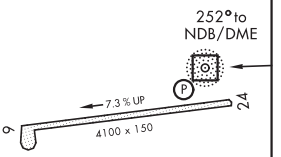
EMERG SAFE ALT 100 NM 9900



CATEGORY	A	B	C	D
S-24	3640-1¼ 2479 (2400-1¼)	3640-1½ 2479 (2400-1½)	3640-3 2479 (2400-3)	
C CIRCLING	NOT AUTHORIZED			

ELEV 1261 TDZE 1161

Land Rwy 24
Take-off Rwy 6



REIL Rwy 24

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CLYDD THREE DEPARTURE (OBSTACLE) (RNAV) (CLYDD3• ELCON)

UTOPIA CREEK, ALASKA

AWOS-3
CTAF
126.2
ANCHORAGE CNTR
124.6 352.0

SL-2335 (USAF)

Rwy	Knots	60	120	180	240	300	360
6	V/V(fpm)	255	510	765	1020	1275	1530

Minimum Climb Rate to 1400
Controlling Obstacle 1161

DME/DME RNP - 0.3 NA

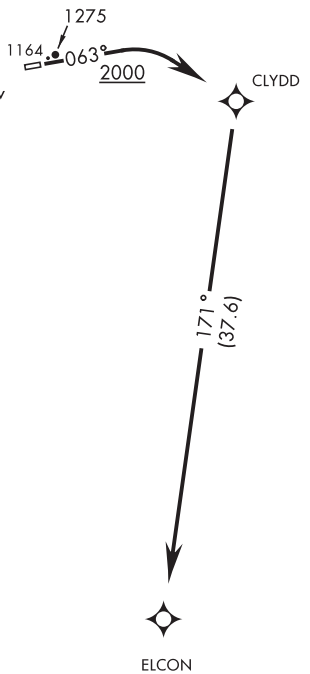
RNAV 1

Night operations not authorized.

Uncontrolled airspace below 700′ AGL within 4 NM of Indian Mountain airport.

NOT FOR CIVIL USE

MILITARY CERTIFIED AIRCREW or AUTHORIZED CONTRACT AIRCRAFT ONLY



GPS REQUIRED

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 06: Climb heading 063° to 2000, then right turn direct CLYDD, then right turn on track 171° to ELCON, climb and maintain 8000.

TAKE-OFF RWY 24: NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

JUNEAU, ALASKA | AL-1191 (FAA) | 20198

RNAV (GPS) V RWY 8

JUNEAU INTL (JNU)(PAJN)

APP CRS	Rwy ldg	8457
070°	TDZE	25
	Apt Elev	26

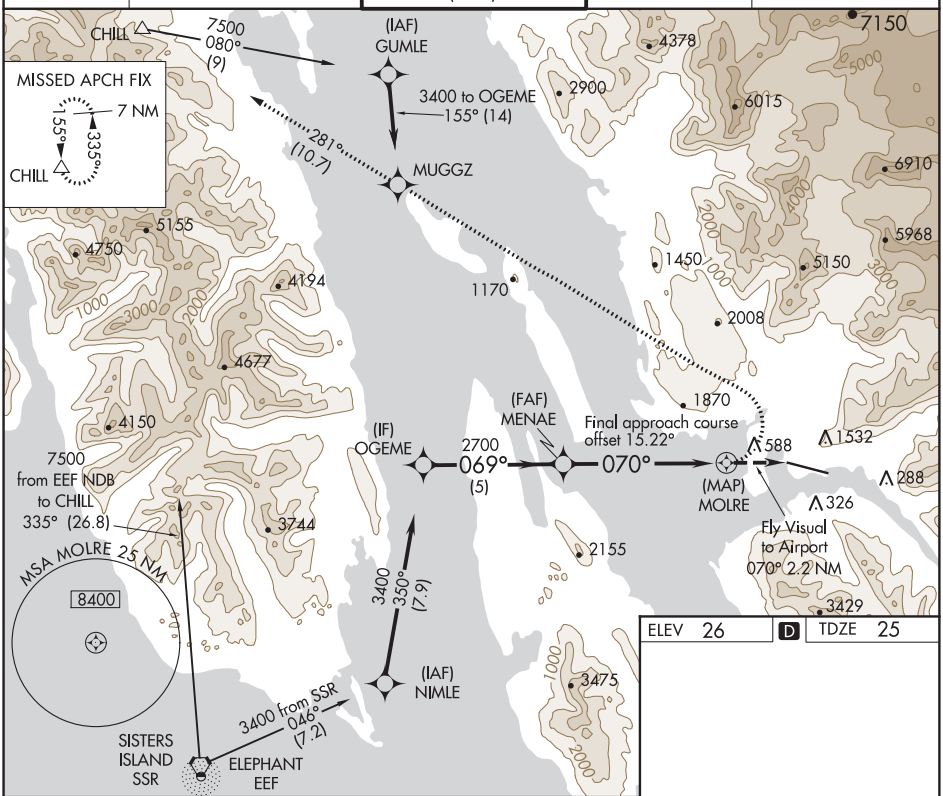
T
NA
-0°C

Circling NA at night. When VGSI inop, procedure NA at night. Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA. Lead-in lights not aligned with final approach course. For inop Lead-in lights, increase visibility to 4 NM. Circling NA north of Rwy 8-26.
* Missed approach requires minimum climb of 363 feet per NM to 3200.

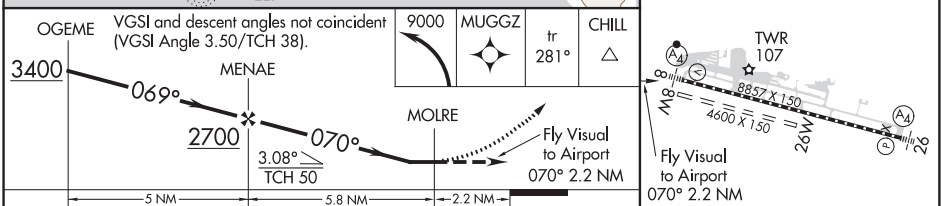
MALSF

MISSED APPROACH: Climbing left turn to 9000 direct MUGGZ and on track 281° to CHILL and hold, continue climb-in-hold to 9000.

ATIS	ANCHORAGE CENTER	JUNEAU TOWER*	GND CON	JUNEAU RADIO
135.2	133.9	118.7 (CTAF) 278.3	121.9	122.2



ELEV 26 | D | TDZE 25



CATEGORY	A	B	C	D
LNAV MDA*	1880-2 1855 (1900-2)		NA	
LNAV MDA	2340-3 2315 (2400-3)		NA	
C CIRCLING	2340-3 2314 (2400-3)		NA	

RLLS Rwy 8
REIL Rwy 8 and 26
HIRL Rwy 8-26

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LOC/DME I-JDL	APP CRS	Rwy ldg	8457
109.9	071°	TDZE	25
Chan 36		Apt Elev	26

LDA X RWY 8

JUNEAU INTL (JNU)(PAJN)

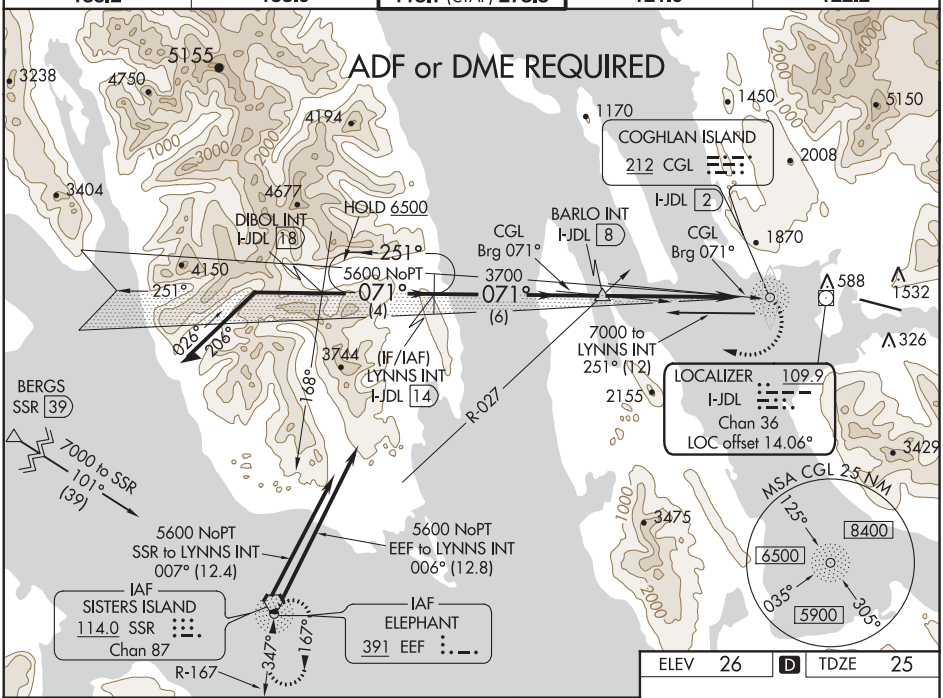
When VGSI inop, procedure NA at night. Circling NA north of Rwy 8/26. ADF required. CAUTION: Any go-around after passing MAP will not provide standard obstruction clearance.

-0°C

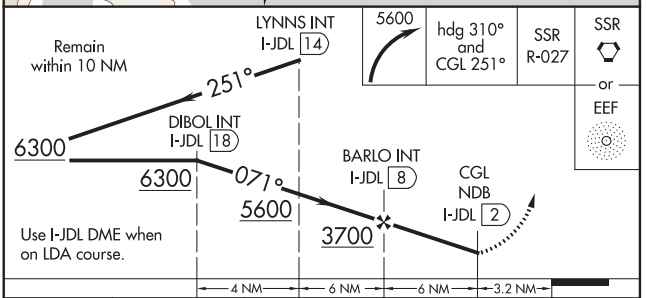
MALSF

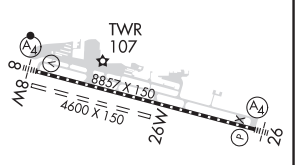
MISSED APPROACH: Immediate climbing right turn to 5600 on heading 310° and on CGL NDB bearing 251° to intercept SSR VORTAC R-027 direct SSR VORTAC or EEF NDB and hold.

ATIS	ANCHORAGE CENTER	JUNEAU TOWER★	GND CON	JUNEAU RADIO
135.2	133.9	118.7 (CTAF) 278.3	121.9	122.2



ELEV	26	D	TDZE	25





CATEGORY	A	B	C	D
S-LDA 8	3200-4 3175 (3200-4)			NA
CIRCLING	3200-4 3174 (3200-4)		3340-4 3314 (3400-4)	3640-4 3614 (3700-4)
NIGHT MINIMUMS				
S-LDA 8	3200-4 3175 (3200-4)			NA
CIRCLING	3200-5 3174 (3200-5)	3200-10 3174 (3200-10)	3340-10 3314 (3400-10)	3640-10 3614 (3700-10)

RLLS Rwy 8
REIL Rwy 8 and 26
HIRL Rwy 8-26

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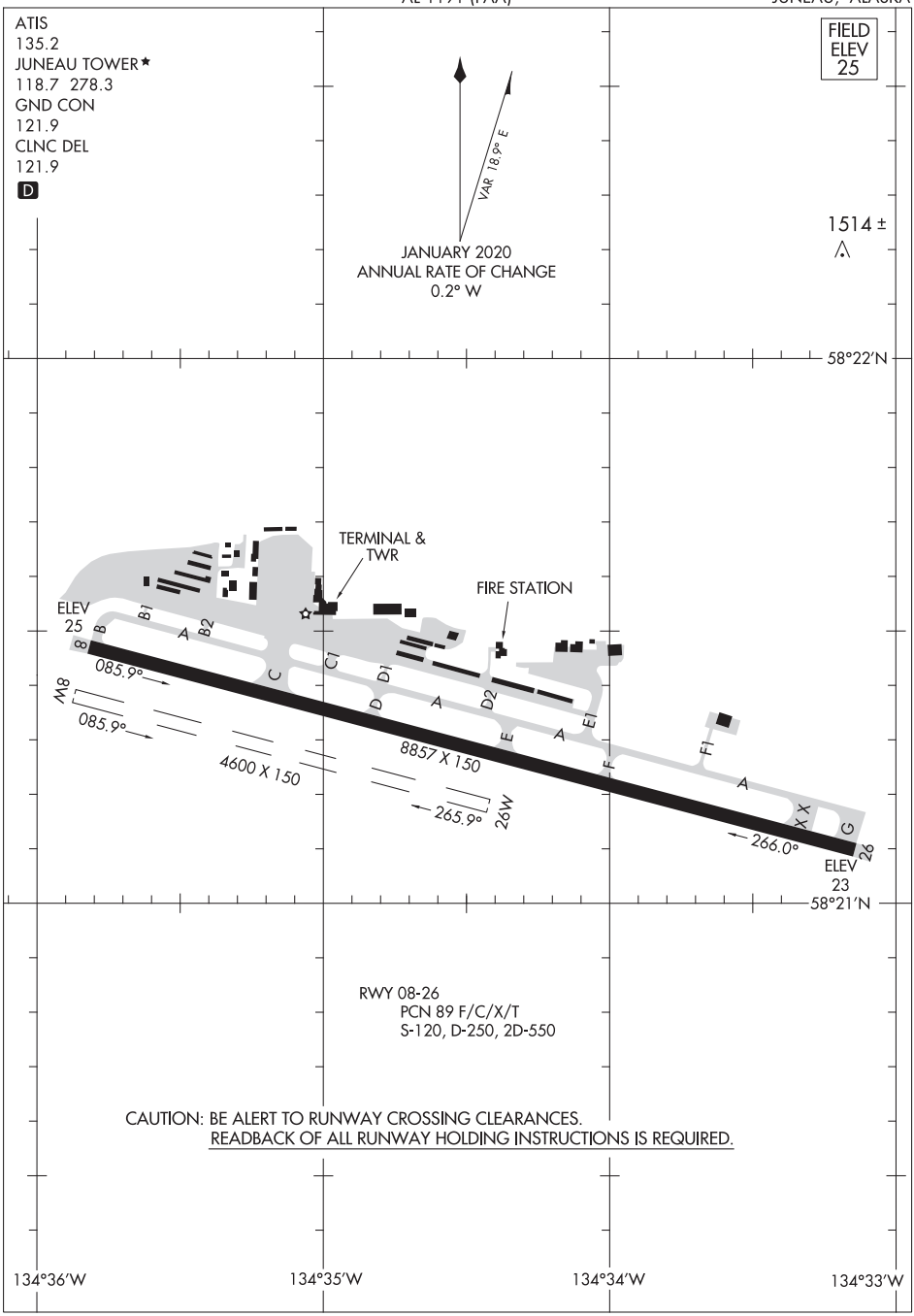
AK, 05 NOV 2020 to 31 DEC 2020

20086

AIRPORT DIAGRAM

JUNEAU INTL (JNU)(PAJN)
JUNEAU, ALASKA

AL-1191 (FAA)



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AK, 05 NOV 2020 to 31 DEC 2020

AIRPORT DIAGRAM
20086
JUNEAU, ALASKA
JUNEAU INTL (JNU) (PAJN)

JUNEAU FIVE DEPARTURE (OBSTACLE)

AL-1191 (FAA)

ATIS
135.2
GND CON
121.9
JUNEAU TOWER ★
118.7 (CTAF) 278.3
ANCHORAGE CENTER
133.9
JUNEAU RADIO
122.2

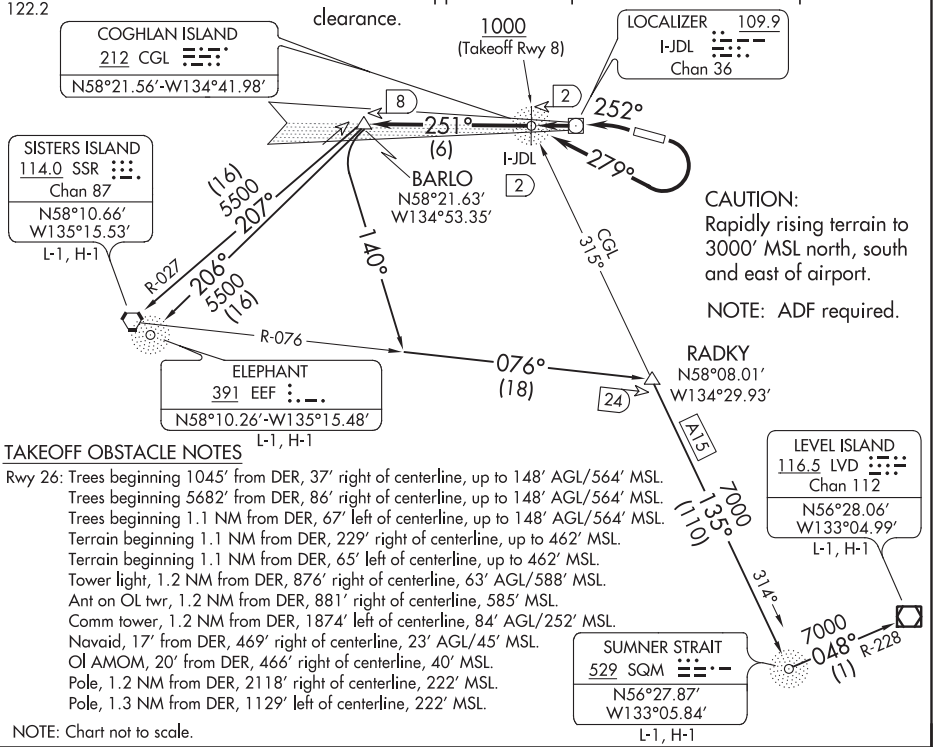
TAKEOFF MINIMUMS

Rwy 8: 1000-3 with minimum climb from 1000 as stated per transition.

Rwy 26: Standard with minimum climb of 595′ per NM to 800, then as stated per transition, or 600-2 with minimum as stated per transition.

NOTE: SSR/EEF transition: Minimum climb of 330′ per NM to 2800. LVD and SQM transitions: Minimum climb of 385′ per NM to 4600′.

NOTE: Obtain ATC approval for this procedure if not issued as part of the IFR clearance.



TAKEOFF OBSTACLE NOTES

Rwy 26: Trees beginning 1045′ from DER, 37′ right of centerline, up to 148′ AGL/564′ MSL.
Trees beginning 5682′ from DER, 86′ right of centerline, up to 148′ AGL/564′ MSL.
Trees beginning 1.1 NM from DER, 67′ left of centerline, up to 148′ AGL/564′ MSL.
Terrain beginning 1.1 NM from DER, 229′ right of centerline, up to 462′ MSL.
Terrain beginning 1.1 NM from DER, 65′ left of centerline, up to 462′ MSL.
Tower light, 1.2 NM from DER, 876′ right of centerline, 63′ AGL/588′ MSL.
Ant on OL twr, 1.2 NM from DER, 881′ right of centerline, 585′ MSL.
Comm tower, 1.2 NM from DER, 1874′ left of centerline, 84′ AGL/252′ MSL.
Navaid, 17′ from DER, 469′ right of centerline, 23′ AGL/45′ MSL.
OI AMOM, 20′ from DER, 466′ right of centerline, 40′ MSL.
Pole, 1.2 NM from DER, 2118′ right of centerline, 222′ MSL.
Pole, 1.3 NM from DER, 1129′ left of centerline, 222′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climbing right turn as soon as practical. Climb in visual conditions direct CGL NDB or heading 279° to I-JDL West course/2 DME (visual conditions must be maintained from takeoff until established over CGL NDB or I-JDL West course/2 DME at or above 1000 MSL), thence. . . .

TAKEOFF RUNWAY 26: Climbing left turn heading 252° to CGL NDB or I-JDL West course/2 DME, thence. . . .

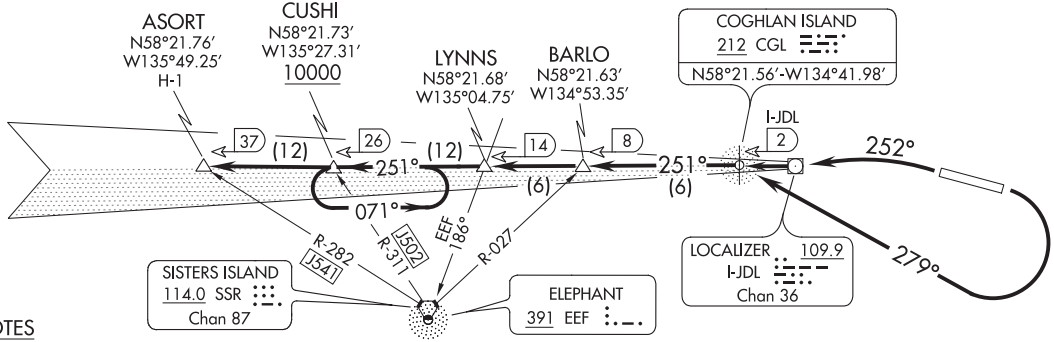
. . . .via I-JDL West course or 251° bearing from CGL NDB to BARLO INT/I-JDL 8 DME, thence via (transition).

LEVEL ISLAND TRANSITION (JNU5.LVD): From over BARLO INT via heading 140° and SSR R-076 to RADKY INT, then via SQM bearing 314° to SQM NDB, then via SQM bearing 048° and LVD R-228 to LVD VOR/DME.

SISTERS ISLAND/ELEPHANT TRANSITION (JNU5.SSR): From over BARLO INT via SSR R-027 to SSR VORTAC, or from over BARLO INT via EEF bearing 026° to EEF NDB.

SUMNER STRAIT TRANSITION (JNU5.SQM): From over BARLO INT via heading 140° and SSR R-076 to RADKY INT, then via SQM bearing 314° to SQM NDB.

ATIS
135.2
GND CON
121.9
JUNEAU TOWER ★
118.7 (CTAF) 278.3
ANCHORAGE CENTER
133.9
JUNEAU RADIO
122.2



TAKEOFF OBSTACLE NOTES

Rwy 26: Trees beginning 1045′ from DER, 37′ right of centerline, up to 148′ AGL/564′ MSL. Trees beginning 5682′ from DER, 86′ right of centerline, up to 148′ AGL/564′ MSL. Trees beginning 1.1 NM from DER, 67′ left of centerline, up to 148′ AGL/564′ MSL. Terrain beginning 1.1 NM from DER, 229′ right of centerline, up to 462′ MSL. Terrain beginning 1.1 NM from DER, 65′ left of centerline, up to 462′ MSL. Tower light, 1.2 NM from DER, 876′ right of centerline, 63′ AGL/588′ MSL. Ant on OL twr, 1.2 NM from DER, 881′ right of centerline, 585′ MSL. Comm tower, 1.2 NM from DER, 1874′ left of centerline, 84′ AGL/252′ MSL. Navaid, 17′ from DER 469′ right of centerline, 23′ AGL/45′ MSL. OL AMOM, 20′ DER, 466′ right of centerline, 40′ MSL. Pole, 1.2 NM from DER, 2118′ right of centerline, 222′ MSL. Pole, 1.3 NM from DER, 1129′ left of centerline, 222′ MSL.

CAUTION: Rapidly rising terrain to 3000′ MSL, north, south and east of airport. Terrain 1270′ MSL and 1718′ MSL approximately 2 NM SSE of Rwy 08.

NOTE: If climb-in-holding anticipated at CUSHI INT, advise ATC prior to departure.

NOTE: ADF or DME required.

TAKEOFF MINIMUMS

Rwy 26: Standard with minimum climb of 595′ per NM to 800, then 360′ per NM to 10000, or 600-2 with minimum of 360′ per NM to 10000.

Rwy 8: 1000-3 with minimum climb 350′ per NM from 1000 to 10000.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climbing right turn as soon as practical. Climb in visual conditions direct CGL NDB or heading 279° to I-JDL West course/2 DME (visual conditions must be maintained from takeoff until established over CGL NDB or I-JDL West course/2 DME at or above 1000 MSL), thence . . . .

TAKEOFF RUNWAY 26: Climbing left turn heading 252° to CGL NDB or I-JDL West course/2 DME, thence . . . .

. . . . via I-JDL West course or 251° bearing from CGL NDB to cross CUSHI INT/I-JDL 26 DME at or above 10000, then on I-JDL West course or CGL NDB bearing 251° to ASORT INT/I-JDL 37 DME.

APP CRS	Rwy ldg	4000
094°	TDZE	166
	Apt Elev	172

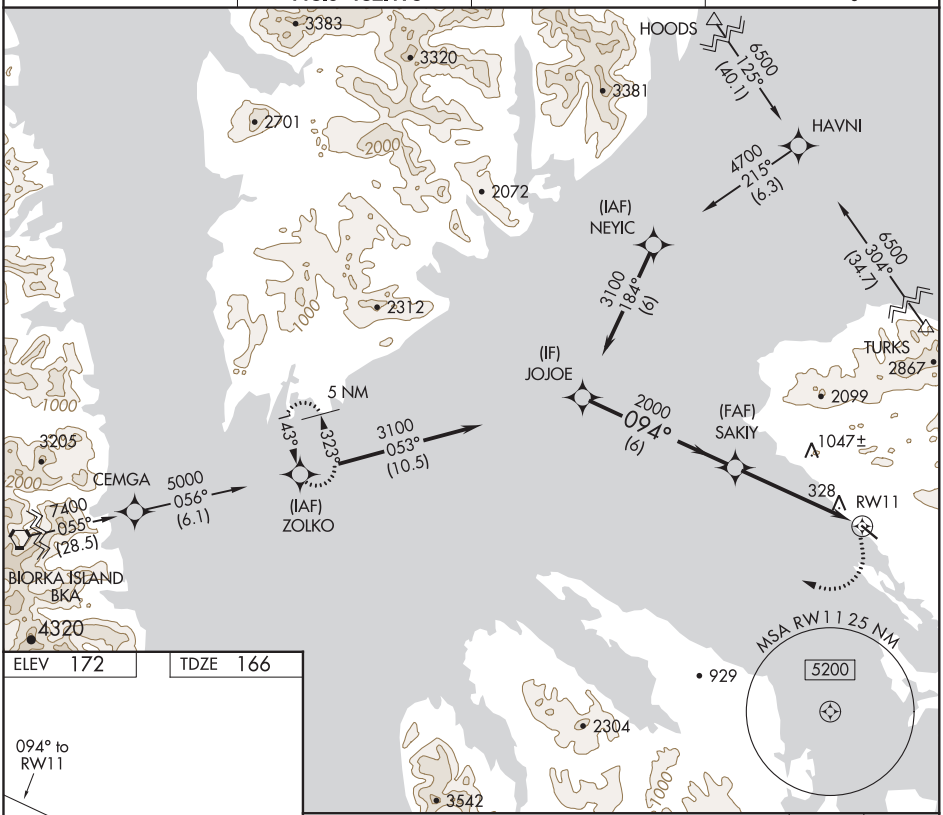
RNAV (GPS) RWY 11
KAKE (AFE)(PAFE)

RNP APCH.

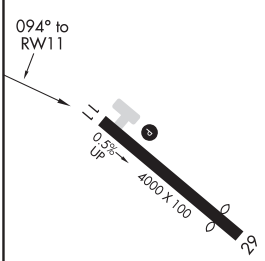
Circling NA north of Rwy 11-29. When local altimeter setting not received, use Petersburg James A Johnson altimeter setting and increase all MDAs 100 feet. Circling Rwy 29 NA at night. Rwy 11 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing right turn to 5000 direct ZOLKO and hold.

AWOS-3P	ANCHORAGE CENTER	SITKA RADIO	CTAF
135.25	118.0 132.175	121.3 122.65	122.9 L

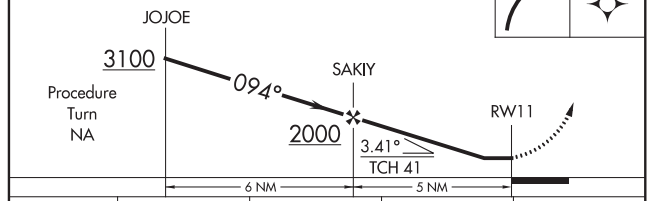


ELEV 172 TDZE 166



REIL Rwy 11 L
MIRL Rwy 11-29 L

VGSI and descent angles not coincident.
(VGSI Angle 3.00/TCH 41).



CATEGORY	A	B	C	D
LNAV MDA	1120-1¼ 954 (1000-1¼)	1120-1½ 954 (1000-1½)	1120-3 954 (1000-3)	NA
CIRCLING	1120-1¼ 948 (1000-1¼)	1120-1½ 948 (1000-1½)	1120-3 948 (1000-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

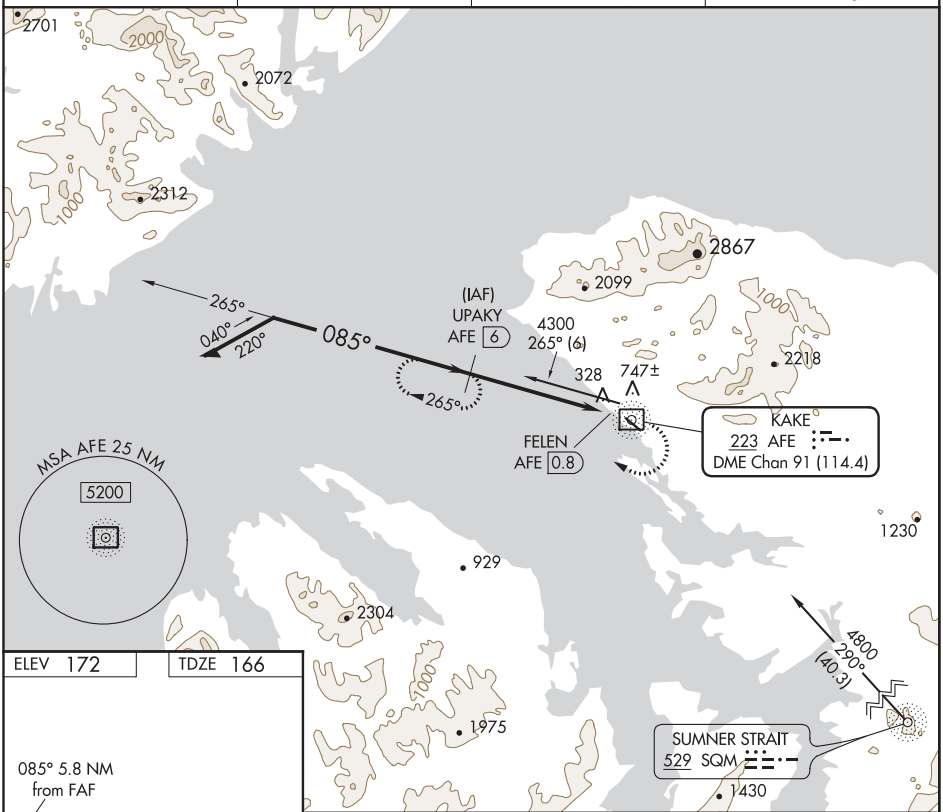
NDB/DME AFE 223 Chan 91 (114.4)	APP CRS 085°	Rwy ldg 4000 TDZE 166 Apt Elev 172

NDB/DME RWY 11
KAKE (AFE)(PAFE)

Circling NA north of Rwy 11-29. When local altimeter setting not received use Petersburg James A Johnson altimeter setting and increase all MDAs 100 feet, and increase Cats B and C visibility ¼ mile. Circling Rwy 29 NA at night. Rwy 11 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 1200 then climbing right turn to 4300 via heading 325° and 265° bearing from AFE NDB/DME to UPAKY/6 DME and hold.

AWOS-3P	ANCHORAGE CENTER	SITKA RADIO	CTAF
135.25	118.0 132.175	121.3 122.65	122.9 L



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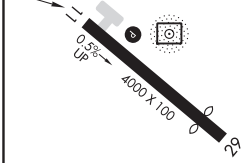
ELEV 172 TDZE 166

085° 5.8 NM from FAF



REIL Rwy 11 L
MIRL Rwy 11-29 L

Remain within 10 NM

UPAKY AFE 6

265°

4300

085°

2400

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 41).

3.59°

TCH 41

FELEN AFE 0.8

AFE NDB

5.2 NM

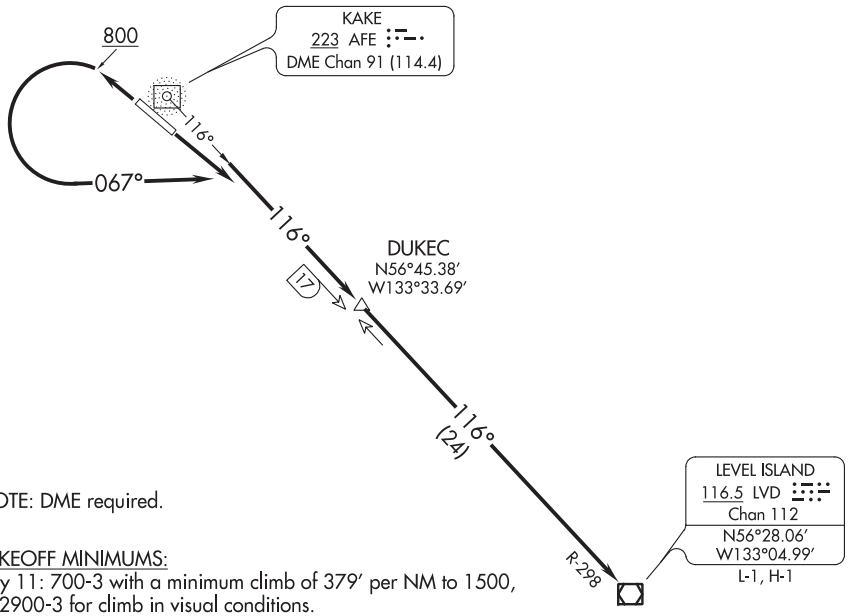
0.6

1200	4300 hdg 325°	AFE 265°	UPAKY AFE 6

CATEGORY	A	B	C	D
S-11	1100-1¼ 934 (1000-1¼)		1100-2¾ 934 (1000-2¾)	NA
CIRCLING	1100-1¼ 928 (1000-1¼)		1100-2¾ 928 (1000-2¾)	NA

KAKE THREE DEPARTURE (OBSTACLE)

ANCHORAGE CENTER
118.0 132.175



NOTE: DME required.

TAKEOFF MINIMUMS:
Rwy 11: 700-3 with a minimum climb of 379′ per NM to 1500, or 2900-3 for climb in visual conditions.
Rwy 29: 700-3 with a minimum climb of 390′ per NM to 1100, or 2900-3 for climb in visual conditions.

TAKEOFF OBSTACLE NOTES:
Rwy 11: Terrain beginning 644′ from DER, 635′ left of centerline, up to 399′ MSL.
Trees begining 3751′ from DER, 982′ left of centerline, 148′ AGL/647′ MSL.
Rwy 29: Treeline beginning 152′ from DER, 198′ left of centerline, up to 148′ AGL/347′ MSL.
Tower 6356′ from DER, 175′ left of centerline, 191′ AGL/328′ MSL.
Ship 1645′ from DER, 916′ left of centerline, up to 208′ AGL/208′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 11: Climb to 5000 on 116° bearing from AFE NDB/DME to DUKEC/17 DME, then on 116° course to LVD VOR/DME before proceeding on course, or climb in visual conditions to cross AFE NDB/DME at or above 2900 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF RWY 29: Climb to 800, then climbing left turn to 5000 on heading 067° and 116° bearing from AFE NDB/DME to DUKEC/17 DME, then on 116° course to LVD VOR/DME before proceeding on course, or climb in visual conditions to cross AFE NDB/DME at or above 2900 before proceeding on course. When executing VCOA, notify ATC prior to departure.

AK, 05 NOV 2020 to 31 DEC 2020

KALSKAG, ALASKA | AL-9461 (FAA) | 19171

RNAV (GPS) RWY 6
KALSKAG (KLG)(PALG)

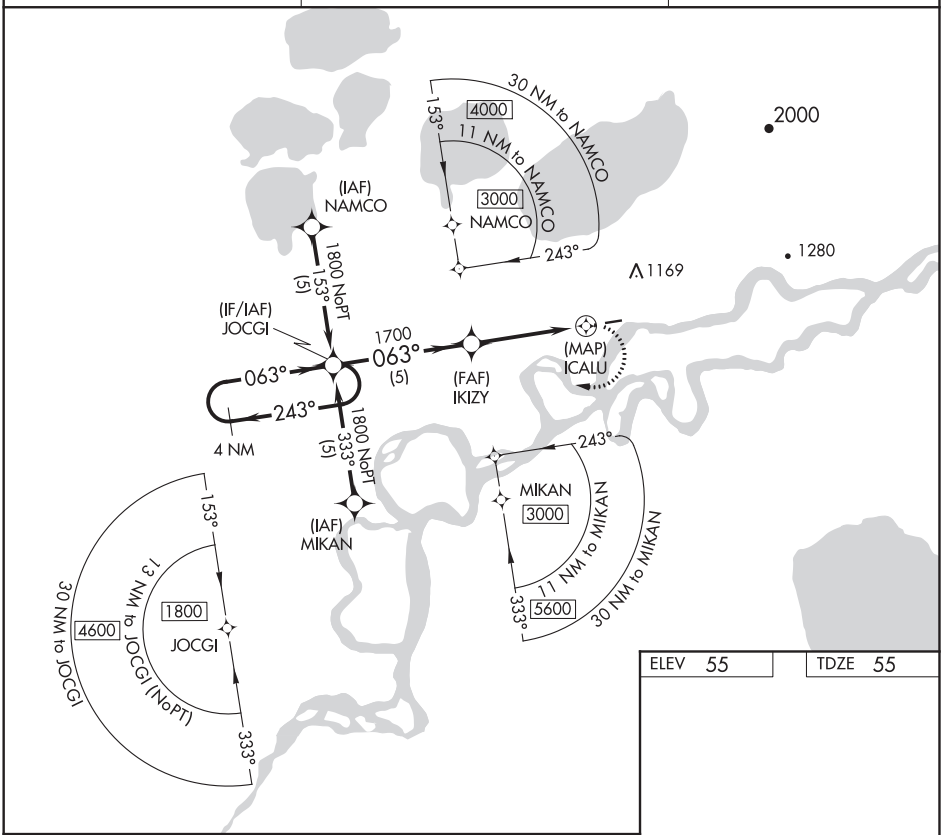
APP CRS	Rwy ldg	3198
063°	TDZE	55
	Apt Elev	55

T A -42°C

Circling NA northwest of Rwy 6-24. DME/DME RNP-0.3 NA. If local altimeter setting not received, use Aniak altimeter setting and increase all MDAs 60 feet. VDP NA when using Aniak altimeter setting.

MISSED APPROACH: Climbing right turn to 1800 direct JOCGI WP and hold.

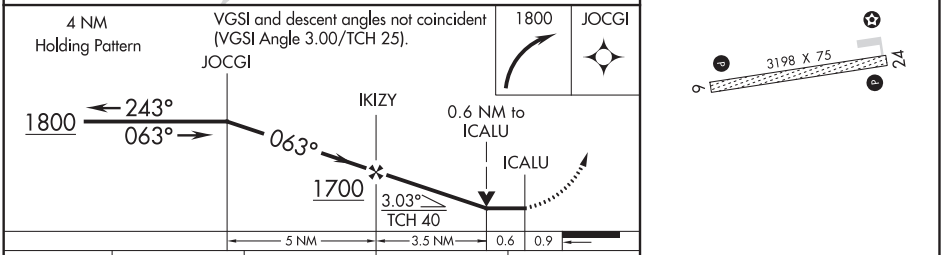
AWOS-3P	ANCHORAGE CENTER	UNICOM
119.025	118.15 251.05	122.8 (CTAF) L



ELEV 55 | TDZE 55

4 NM
Holding Pattern

VGSI and descent angles not coincident
(VGSI Angle 3.00/TCH 25).



CATEGORY	A	B	C	D
LNAV MDA	540-1	485 (500-1)	NA	
CIRCLING	540-1	485 (500-1)	NA	

MIRL Rwy 6-24 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS)-A
KALSKAG (KLG)(PALG)

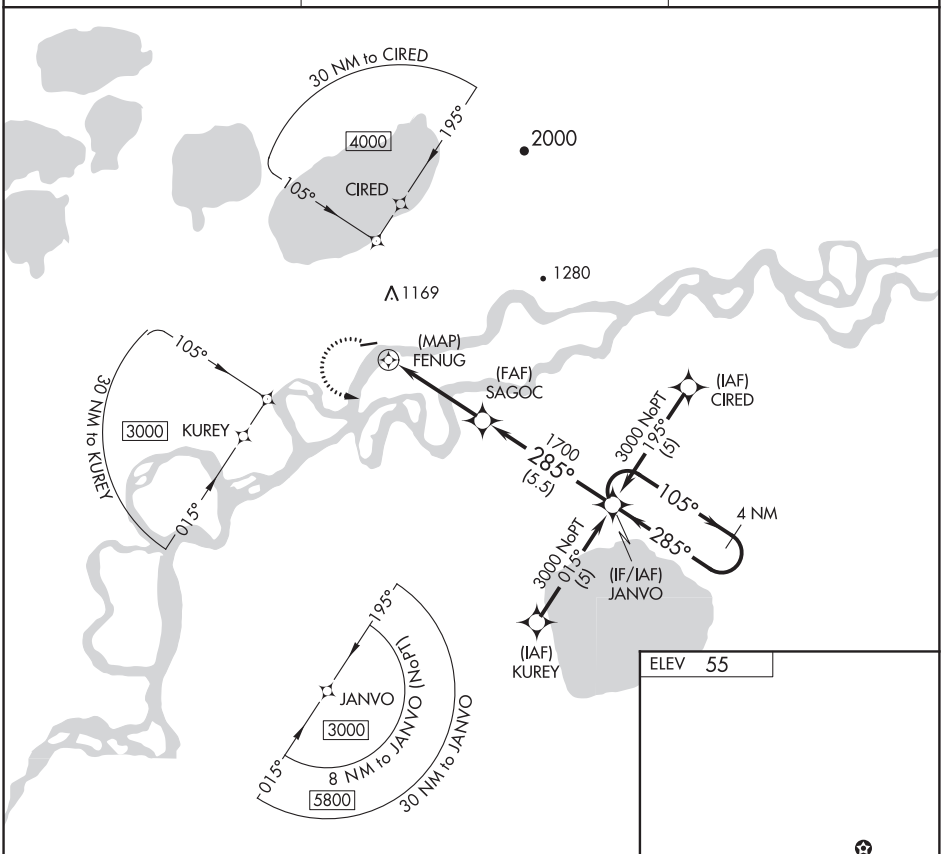
APP CRS	Rwy ldg	N/A
285°	TDZE	N/A
	Apt Elev	55

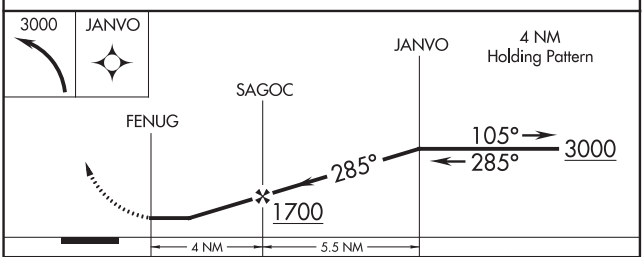
-42°C

Circling NA northwest of Rwy 6-24. DME/DME RNP-0.3 NA. If local altimeter setting not received, use Aniak altimeter setting and increase all MDAs 60 feet.

MISSED APPROACH: Climbing left turn to 3000 direct JANVO and hold.

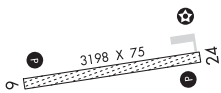
AWOS-3P	ANCHORAGE CENTER	UNICOM
119.025	118.15 251.05	122.8 (CTAF) L





CATEGORY	A	B	C	D
CIRCLING	540-1 485 (500-1)		NA	

ELEV 55



MIRL Rwy 6-24 L

AK, 05 NOV 2020 to 31 DEC 2020

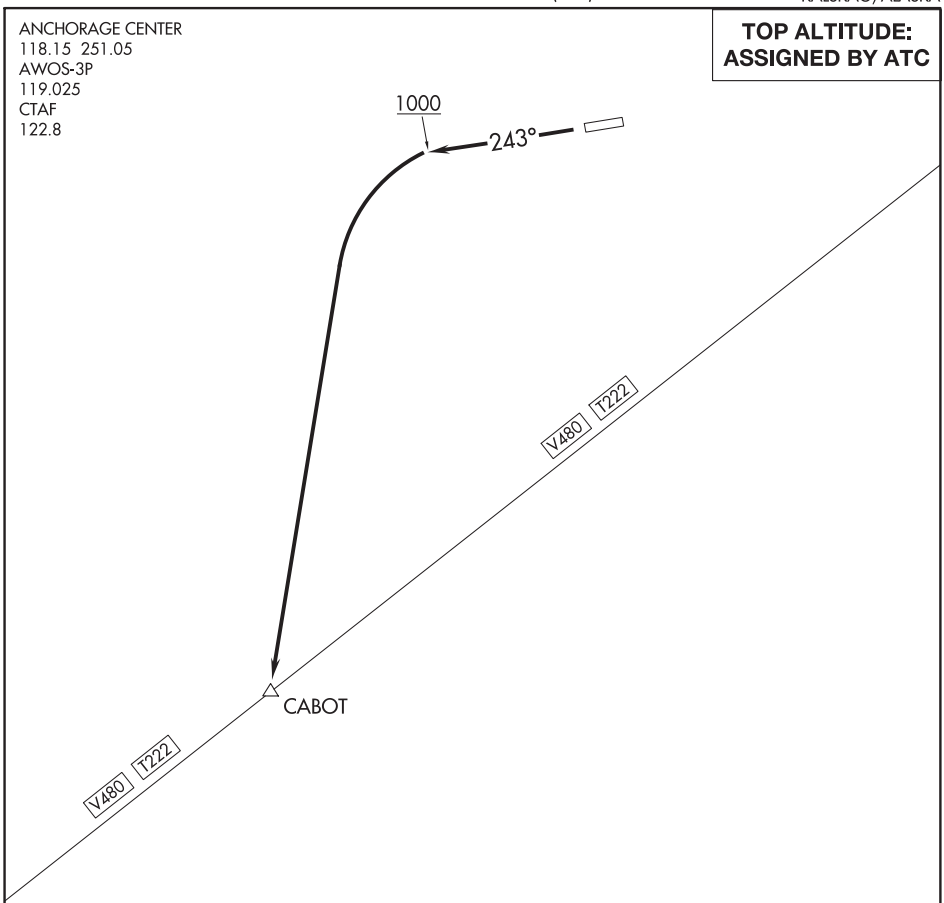
AK, 05 NOV 2020 to 31 DEC 2020

(CABOT2.CABOT) 18312

CABOT TWO DEPARTURE (RNAV)

AL-9461 (FAA)

KALSKAG (KLG) (PALG)
KALSKAG, ALASKA



NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 24: Standard.

Rwy 6: NA- high terrain.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 24: Climb heading 243° to 1000, then direct CABOT, maintain 4000 or as assigned by ATC.

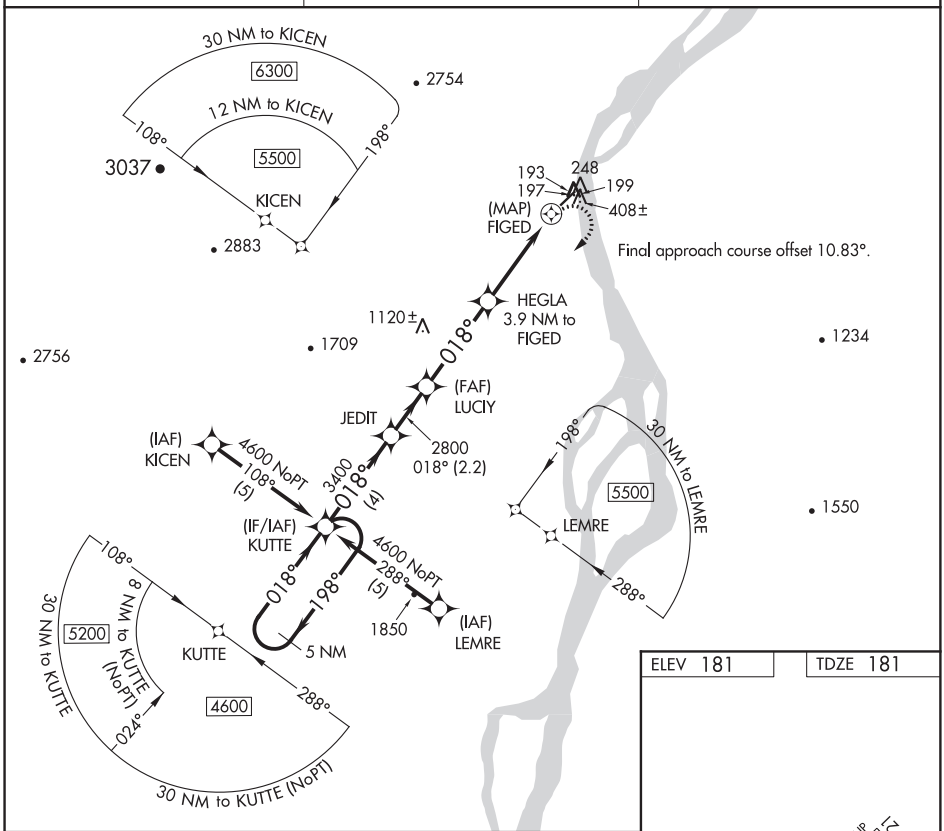
RNAV (GPS) RWY 3
KALTAG (KAL)(PAKV)

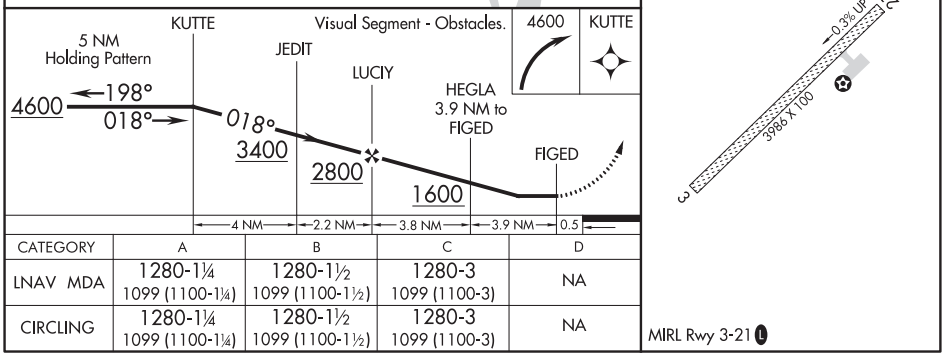
APP CRS	Rwy ldg	3986
018°	TDZE	181
	Apt Elev	181

DME/DME RNP-0.3 NA.
Helicopter visibility reduction below 1 SM NA.
Night Landing: Rwy 3 NA.
-32°C

MISSED APPROACH: Climbing right turn to 4600 direct KUTTE and hold.

ASOS	ANCHORAGE CENTER	CTAF
135.25	127.0 290.2	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	1280-1¼ 1099 (1100-1¼)	1280-1½ 1099 (1100-1½)	1280-3 1099 (1100-3)	NA
CIRCLING	1280-1¼ 1099 (1100-1¼)	1280-1½ 1099 (1100-1½)	1280-3 1099 (1100-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KALTAG, ALASKA | AL-10158 (FAA) | 19171

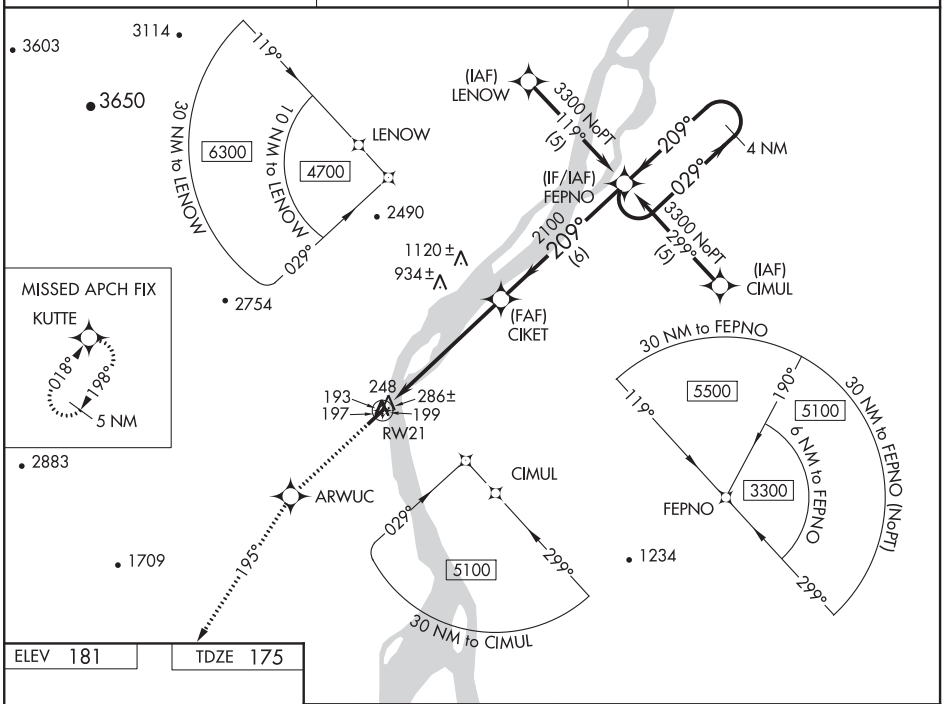
RNAV (GPS) RWY 21
KALTAG (KAL)(PAKV)

WAAS CH 53315 W21A	APP CRS 209°	Rwy ldg 3986 TDZE 175 Apt Elev 181

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 54°C (130°F).
DME/DME RNP- 0.3 NA. Night Landing: Rwy 3 NA.
Helicopter visibility reduction below ¾ SM NA.
-32°C

MISSED APPROACH: Climb to 4600 direct ARWUC and via track 195° to KUTTE and hold, continue climb-in-hold to 4600.

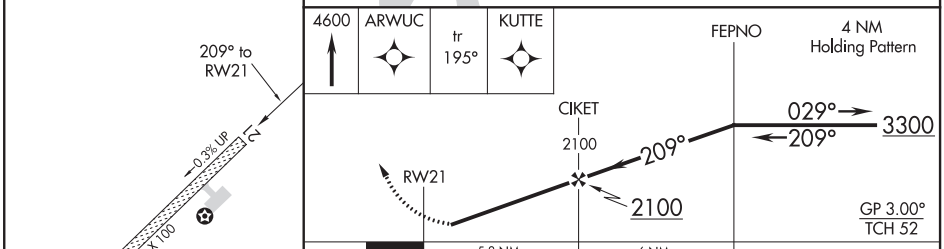
ASOS	ANCHORAGE CENTER	CTAF
135.25	127.0 290.2	122.9 L



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 181 | TDZE 175



CATEGORY	A	B	C	D
LPV DA	493-1 318 (400-1)			NA
LNAV/VNAV DA	598-1½ 423 (500-1½)			NA
LNAV MDA	960-1 785 (800-1)	960-1¼ 785 (800-1¼)	960-2¼ 785 (800-2¼)	NA
CIRCLING	960-1 779 (800-1)	960-1¼ 779 (800-1¼)	960-2¼ 779 (800-2¼)	NA

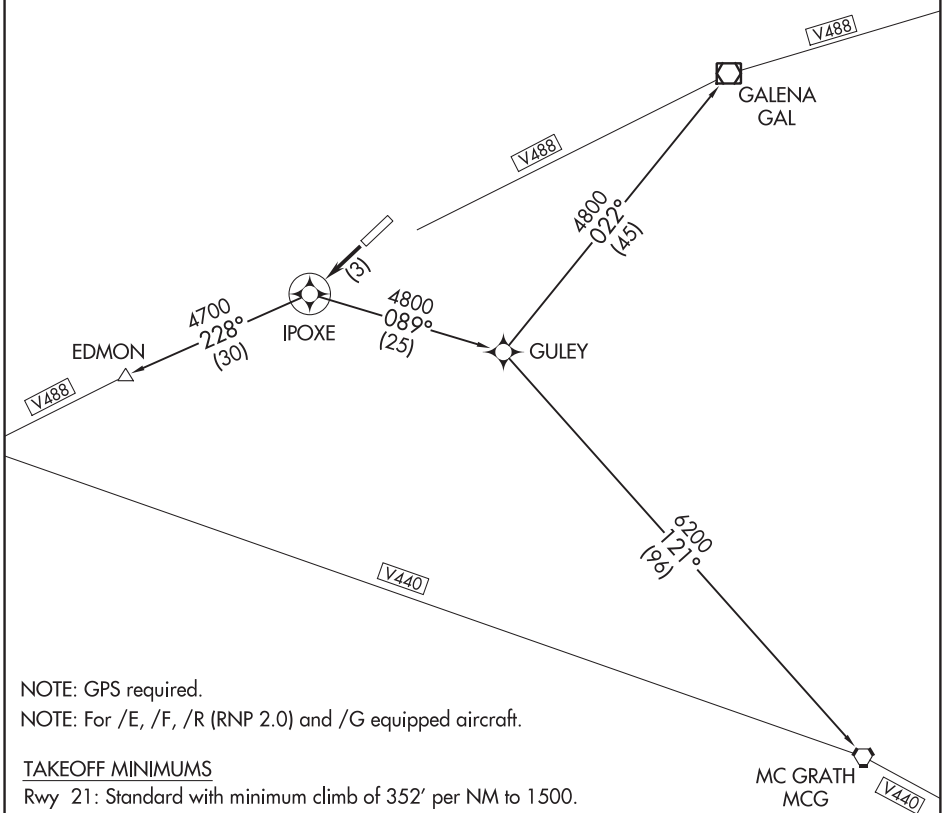
MIRL Rwy 3-21 L

IPOXE TWO DEPARTURE (RNAV)

AL-10158 (FAA)

ANCHORAGE CENTER
127.0 290.2

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GPS required.
NOTE: For /E, /F, /R (RNP 2.0) and /G equipped aircraft.

TAKEOFF MINIMUMS
Rwy 21: Standard with minimum climb of 352′ per NM to 1500.
Rwy 3: NA - Air Traffic.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 21: Climb direct IPOXE WP, thence. . . .

. . . .via assigned (transition), maintain 5500′.

EDMON TRANSITION (IPOXE2.EDMON)

GALENA TRANSITION (IPOXE2.GAL)

MC GRATH TRANSITION (IPOXE2.MCG)

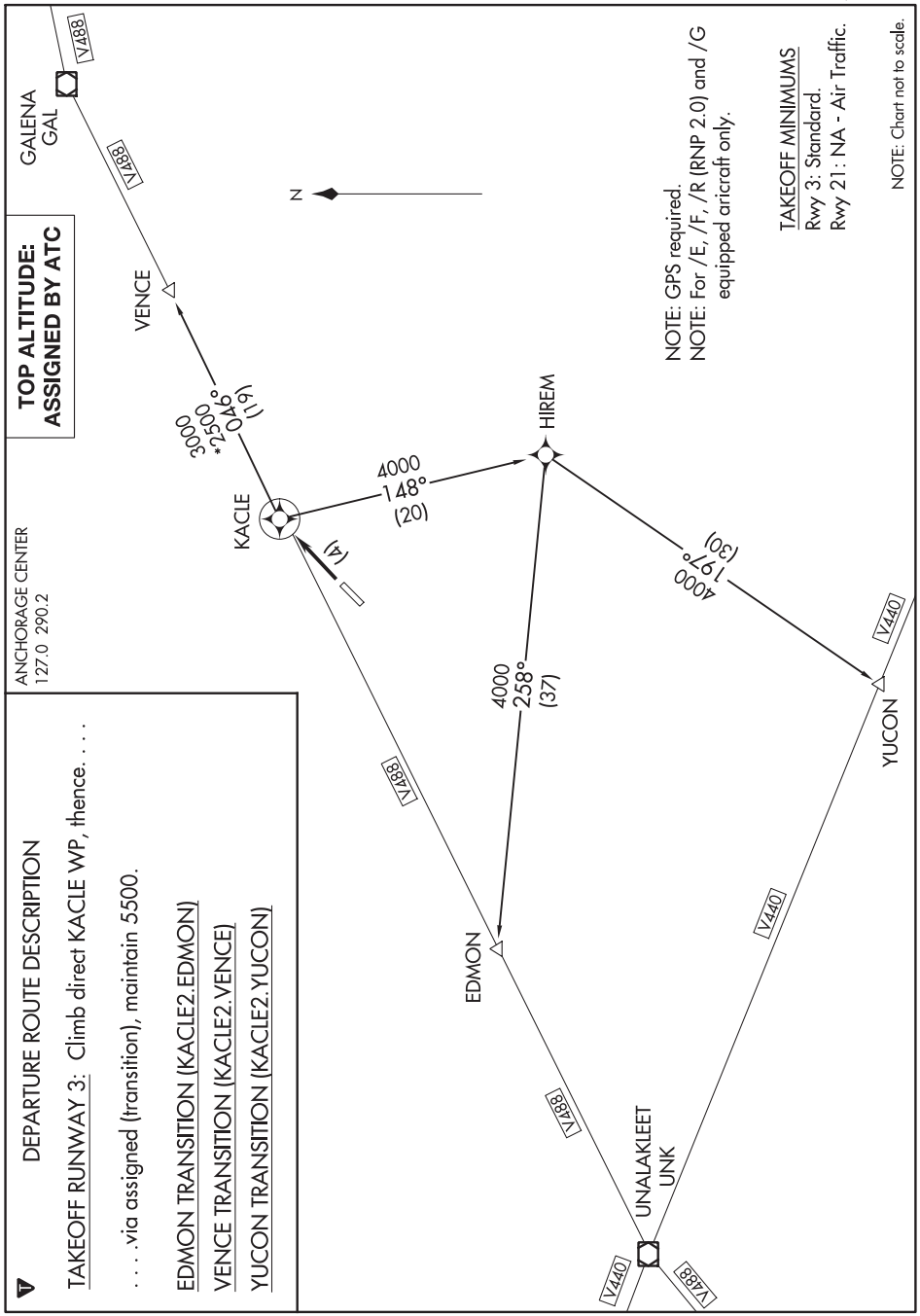
AK, 05 NOV 2020 to 31 DEC 2020

(KACLE2.KACLE) 18312

KACLE TWO DEPARTURE (RNAV)

AL-10158 (FAA)

KALTAG (KAL) (PAKV)
KALTAG, ALASKA



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KACLE TWO DEPARTURE (RNAV)

(KACLE2.KACLE) 21JUL16

KALTAG, ALASKA
KALTAG (KAL) (PAKV)

APP CRS	Rwy ldg	3000
174°	TDZE	48
	Apt Elev	48

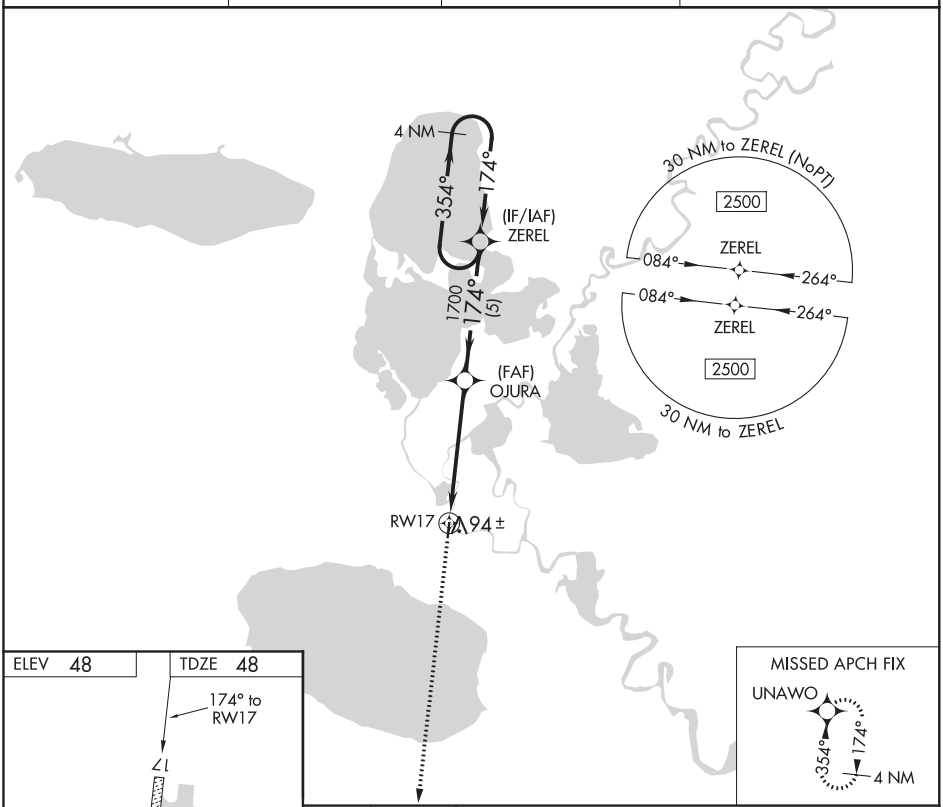
RNAV (GPS) RWY 17
KASIGLUK (ZØ9) (PFKA)

T A NA

DME/DME RNP-0.3 NA. Use Nunapitchuk altimeter setting, when not received, use Bethel altimeter setting.

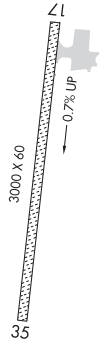
MISSED APPROACH: Climb to 2600 direct UNAWO and hold.

16A/PPIT AWOS-3P	BET/PABE ASOS	ANCHORAGE CENTER	CTAF
121.55	135.45	125.2 372.0	122.9 L



ELEV 48 TDZE 48

174° to RW17



MIRL Rwy 17-35 L

CATEGORY	A	B	C	D
LNAV MDA	640-1 592 (600-1)		NA	
CIRCLING	720-1 672 (700-1)		NA	

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AK, 05 NOV 2020 to 31 DEC 2020

KASIGLUK, ALASKA | AL-10809 (FAA) | 20142

RNAV (GPS) RWY 35

KASIGLUK (ZØ9) (PFKA)

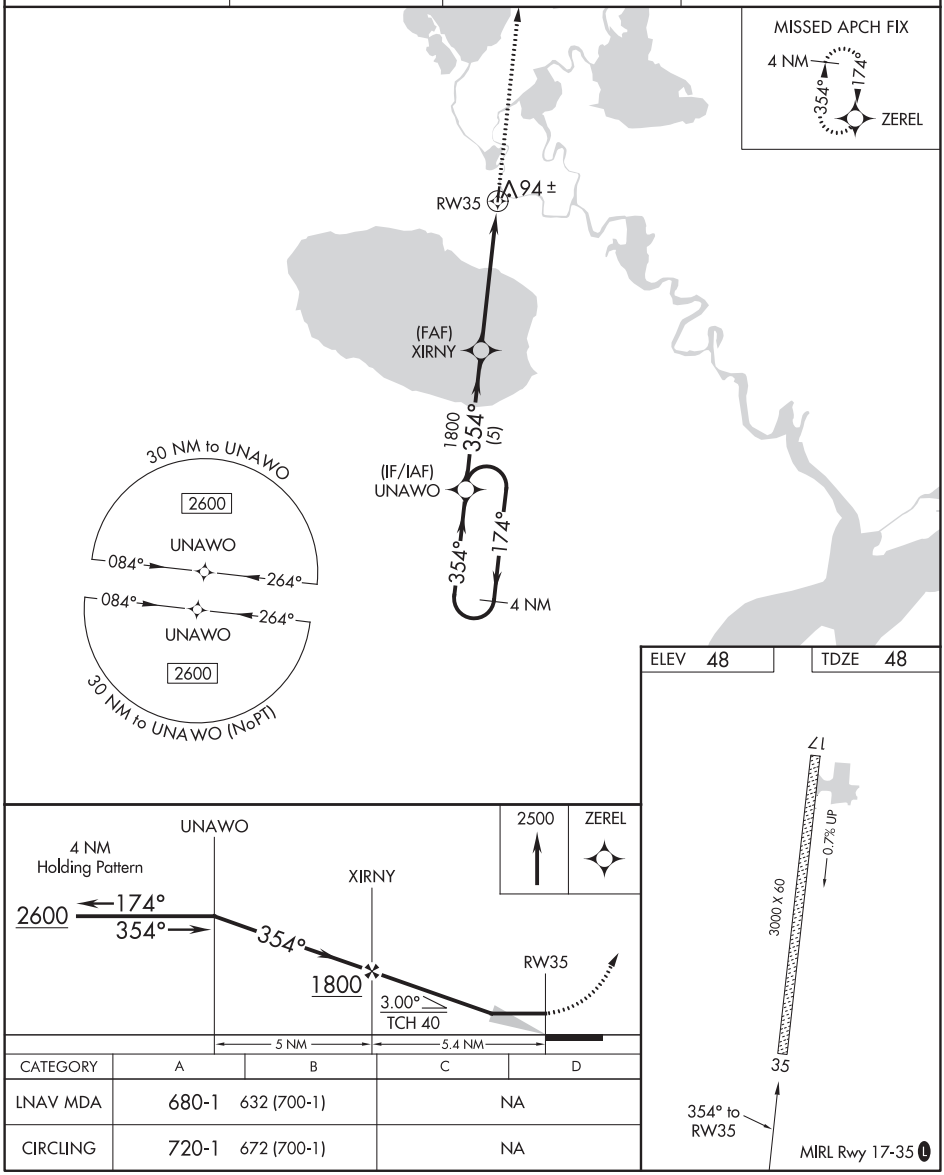
APP CRS	Rwy ldg	3000
354°	TDZE	48
	Apt Elev	48

T A NA

DME/DME RNP-0.3 NA. Use Nunapitchuk altimeter setting, when not received, use Bethel altimeter setting.

MISSED APPROACH: Climb to 2500 direct ZEREL and hold.

16A/PPIT AWOS-3P	BET/PABE ASOS	ANCHORAGE CENTER	CTAF
121.55	135.45	125.2 372.0	122.9 L



CATEGORY	A	B	C	D
LNAV MDA	680-1	632 (700-1)	NA	
CIRCLING	720-1	672 (700-1)	NA	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KASIGLUK, ALASKA
Orig-B 17AUG17

60°52′N-162°31′W

KASIGLUK (ZØ9) (PFKA)
RNAV (GPS) RWY 35

ILS Y or LOC Y RWY 20R
KENAI MUNI (ENA) (PAEN)

LOC/DME I-ENA 108.9 Chan 26	APP CRS 196°	Rwy ldg 7575 TDZE 98 Apt Elev 100

TACAN required.

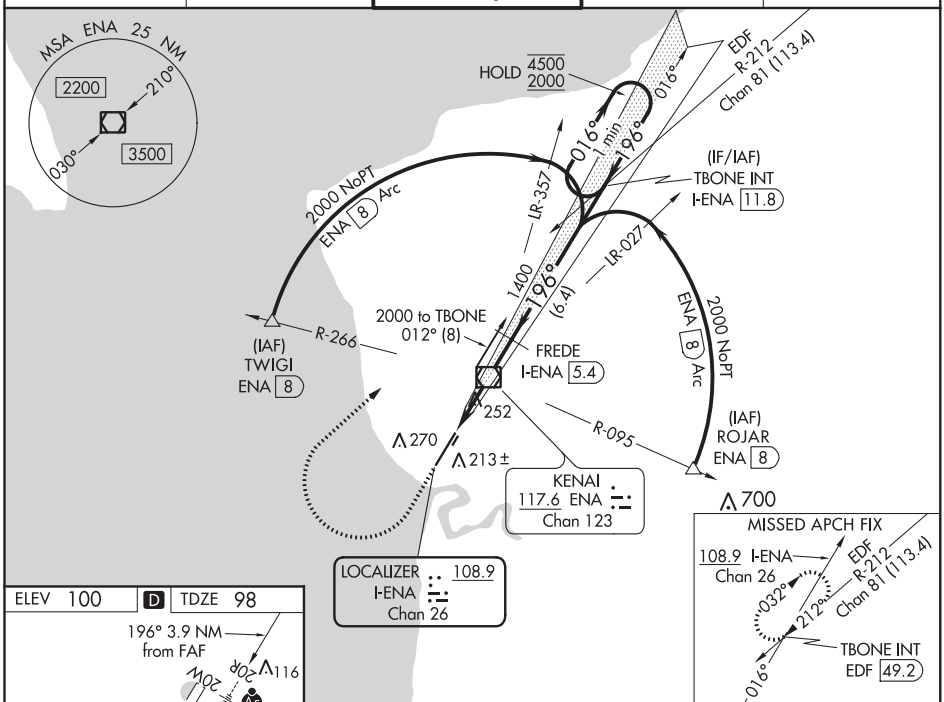
Circling NA to Rwys 2W and 20W. Circling Rwy 2R, 20L NA at night. For inop ALS, increase S-ILS 20R Cat E visibility to RVR 4000. For inop ALS, increase S-LOC 20R Cat E visibility to 1¼ SM.
#RVR 1800 authorized with use of FD or AP or HUD to DA.

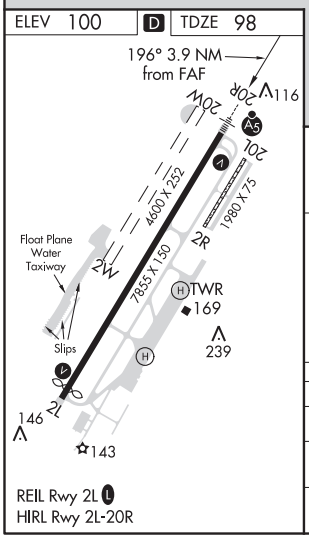
-31°C

MALSR

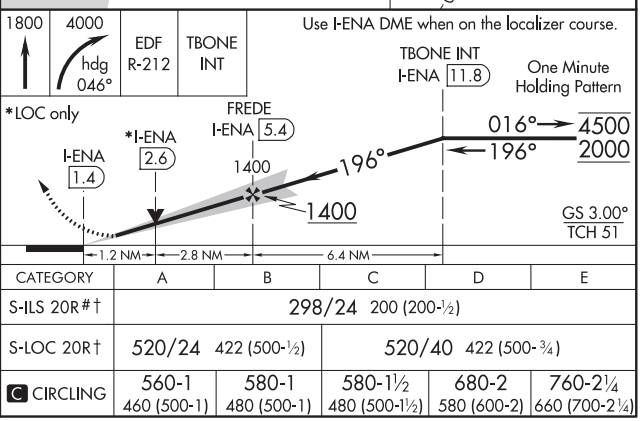
MISSED APPROACH: Climb to 1800 then climbing right turn to 4000 on heading 046° and on EDF TACAN R-212 to TBONE INT/EDF 49.2 DME and hold.
† Missed approach requires minimum climb of 800 feet per NM to 4000; if unable to meet climb gradient, see ILS Z or LOC Z RWY 20R.

ATIS	ANCHORAGE CENTER	KENAI TOWER*	GND CON	KENAI RADIO
133.35	125.7 379.1	121.3 (CTAF) 239.3	118.75	122.65





REIL Rwy 2L
HIRL Rwy 2L-20R



CATEGORY	A	B	C	D	E
S-ILS 20R#†	298/24 200 (200-½)				
S-LOC 20R†	520/24 422 (500-½)		520/40 422 (500-¾)		
C CIRCLING	560-1 460 (500-1)	580-1 480 (500-1)	580-1½ 480 (500-1½)	680-2 580 (600-2)	760-2¼ 660 (700-2¼)

AK, 05 NOV 2020 to 31 DEC 2020

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KENAI, ALASKA | AL-1235 (FAA) | 19227

ILS Z or LOC Z RWY 20R
KENAI MUNI (ENA) (PAEN)

LOC/DME I-ENA	APP CRS	Rwy ldg 7575
108.9	196°	TDZE 98
Chan 26		Apt Elev 100

DME required.

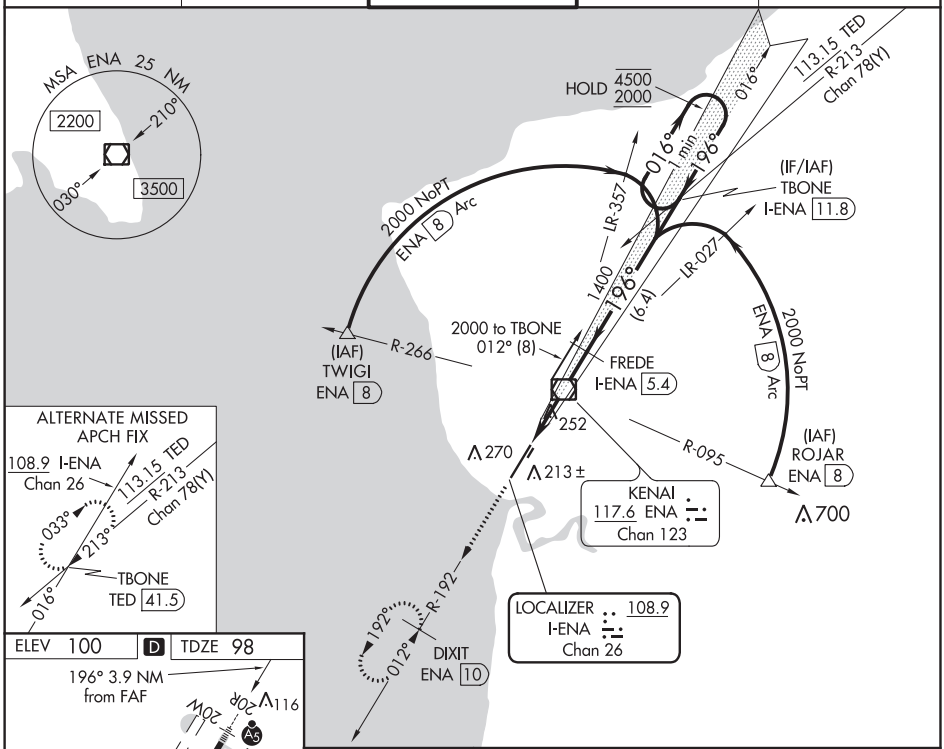
Circling NA to Rwys 2W and 20W. Circling Rwy 2R, 20L NA at night.
RVR 1800 authorized with use of FD or AP or HUD to DA.

-31°C

MALSR

MISSED APPROACH: Climb to 2200 on ENA VOR/DME R-192 to DIXIT/10 DME and hold.

ATIS	ANCHORAGE CENTER	KENAI TOWER ★	GND CON	KENAI RADIO
133.35	125.7 379.1	121.3 (CTAF) L 239.3	118.75	122.65

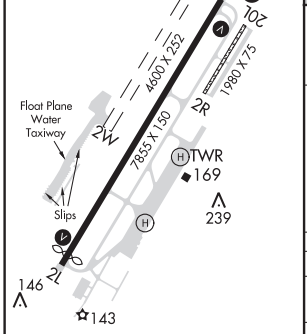


ALTERNATE MISSED APCH FIX

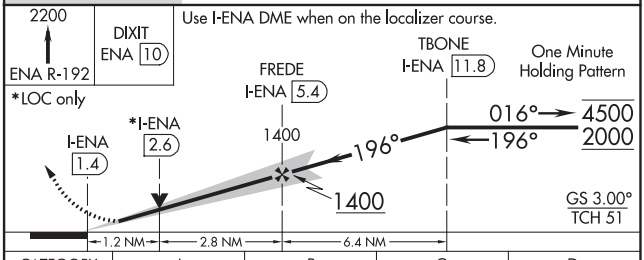
108.9 I-ENA
Chan 26

ELEV 100 | D | TDZE 98

196° 3.9 NM from FAF



REIL Rwy 2L L
HIRL Rwy 2L-20R



CATEGORY	A	B	C	D
S-ILS 20R#	298/24 200 (200-½)			
S-LOC 20R	520/24 422 (500-½)		520/40 422 (500-¾)	
C CIRCLING	560-1 460 (500-1)	580-1 480 (500-1)	580-1½ 480 (500-1½)	680-2 580 (600-2)

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RNAV (GPS) RWY 2L
KENAI MUNI (ENA) (PAEN)

WAAS	APP CRS	Rwy ldg	7575
CH 69404	016°	TDZE	94
W02A		Apt Elev	100

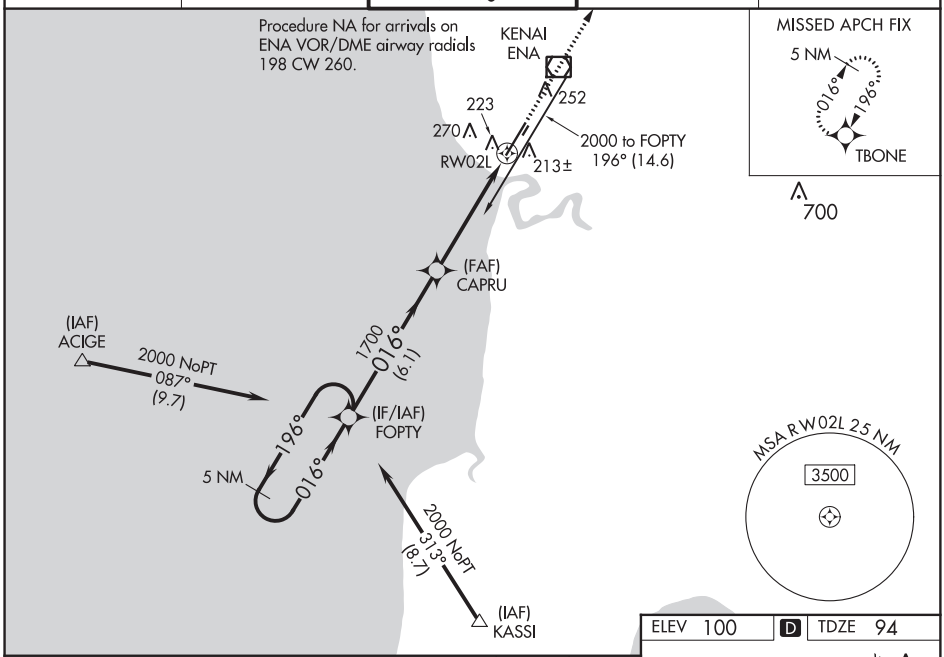
RNP APCH.

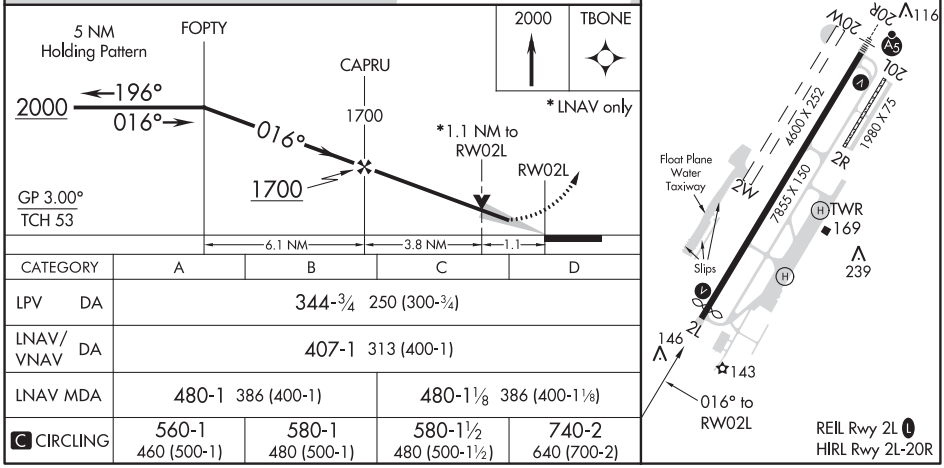
T A -31°C

Baro-VNAV NA when using Soldotna altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). When local altimeter setting not received, use Soldotna altimeter setting: increase LPV DA to 366 feet and LNAV/VNAV DA to 429 feet and all MDA 40 feet; increase LPV and LNAV/VNAV visibility all Cats and LNAV Cat C/D visibility ⅛ mile; increase Circling Cat D visibility ¼ mile. VDP NA when using Soldotna altimeter setting. Circling Rwy 2R, 20L NA at night. Circling Rwy 2W, 20W NA.

MISSED APPROACH: Climb to 2000 direct TBONE and hold.

ATIS	ANCHORAGE CENTER	KENAI TOWER*	GND CON	KENAI RADIO
133.35	125.7 379.1	121.3 (CTAF) L 239.3	118.75	122.65





CATEGORY	A	B	C	D
LPV DA	344-¾ 250 (300-¾)			
LNAV/VNAV DA	407-1 313 (400-1)			
LNAV MDA	480-1 386 (400-1)		480-1⅛ 386 (400-1⅛)	
C CIRCLING	560-1 460 (500-1)	580-1 480 (500-1)	580-1½ 480 (500-1½)	740-2 640 (700-2)

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WAAS CH 99504 W20A	APP CRS 196°	Rwy ldg 7575 TDZE 98 Apt Elev 100

RNAV (GPS) RWY 20R
KENAI MUNI (ENA) (PAEN)

RNP APCH.

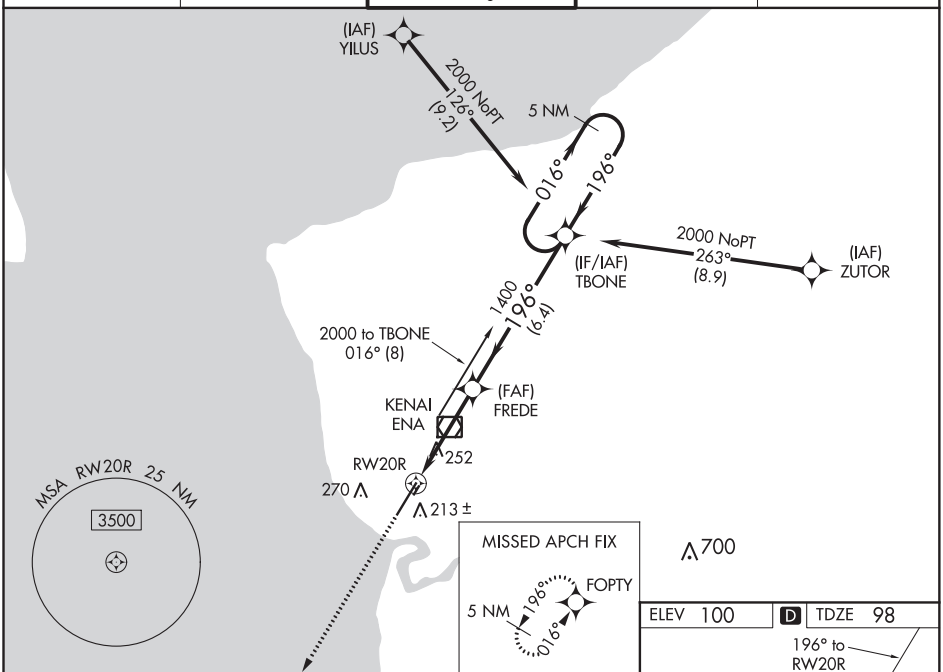
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using Soldotna altimeter setting. Circling Rwy 2R, 20L NA at night. When local altimeter setting not received, use Soldotna altimeter setting and increase all DA 22 feet and all MDA 40 feet, increase LNAV visibility Cat C and D to RVR 5000. Circling Rwy 2W, 20W NA. # RVR 1800 authorized with use of FD or AP or HUD to DA. (NA when using Soldotna altimeter setting).

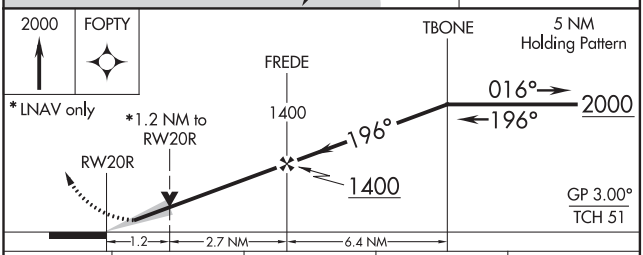
-31°C

MALSR

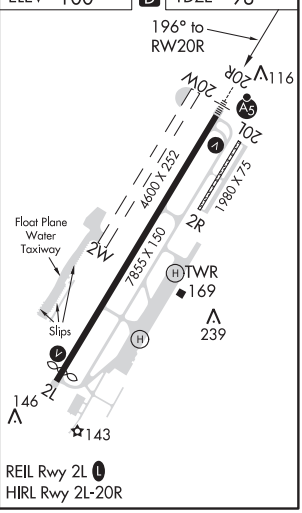
MISSED APPROACH: Climb to 2000 direct FOPTY and hold.

ATIS	ANCHORAGE CENTER	KENAI TOWER★	GND CON	KENAI RADIO
133.35	125.7 379.1	121.3 (CTAF) L 239.3	118.75	122.65





CATEGORY	A	B	C	D
LPV DA#	298/24 200 (200-½)			
LNAV/VNAV DA	348/24 250 (300-½)			
LNAV MDA	520/24 422 (500-½)		520/40 422 (500-¾)	
C CIRCLING	560-1 460 (500-1)	580-1 480 (500-1)	580-1½ 480 (500-1½)	680-2 580 (600-2)



KENAI, ALASKA
Amdt 4A 13SEP18

60°34′N-151°15′W

KENAI MUNI (ENA) (PAEN)
RNAV (GPS) RWY 20R

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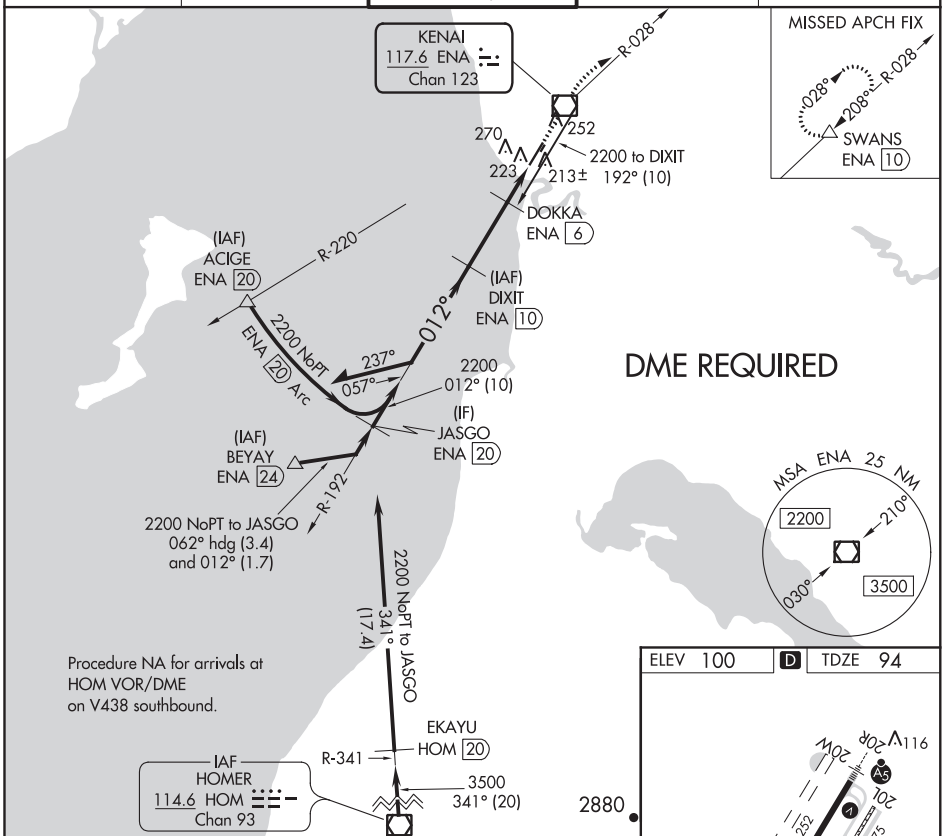
VOR RWY 2L
KENAI MUNI (ENA) (PAEN)

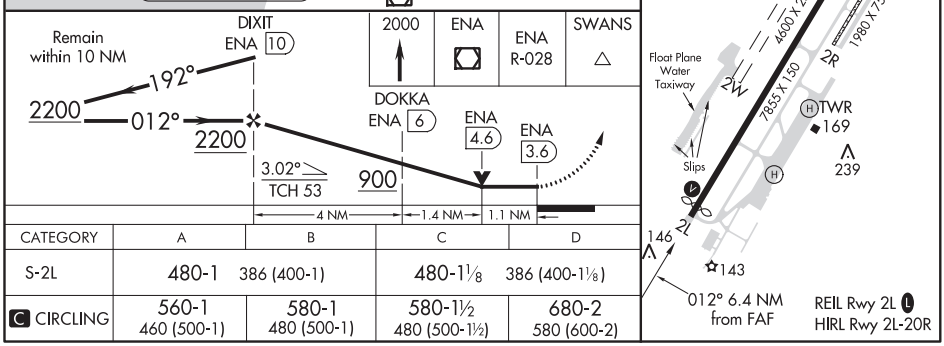
VOR/DME ENA	APP CRS	Rwy ldg	7575
117.6	012°	TDZE	94
Chan 123		Apt Elev	100

Circling Rwy 2R, 20L NA at night. DME required. When local altimeter setting not received, use Soldotna altimeter setting and increase all MDA 40 feet; increase S-2L Cat C and D visibility ⅛ mile and Circling Cat D visibility ¼ mile. VDP NA with Soldotna altimeter setting. Circling Rwy 2W, 20W NA. -31°C

MISSED APPROACH: Climb to 2000 direct ENA VOR/DME and on ENA VOR/DME R-028 to SWANS/ENA 10 DME and hold.

ATIS	ANCHORAGE CENTER	KENAI TOWER★	GND CON	KENAI RADIO
133.35	125.7 379.1	121.3 (CTAF) L 239.3	118.75	122.65





CATEGORY	A	B	C	D
S-2L	480-1 386 (400-1)		480-1⅛ 386 (400-1⅛)	
C CIRCLING	560-1 460 (500-1)	580-1 480 (500-1)	580-1½ 480 (500-1½)	680-2 580 (600-2)

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KENAI, ALASKA | AL-1235 (FAA) | 19171

VOR RWY 20R
KENAI MUNI (ENA) (PAEN)

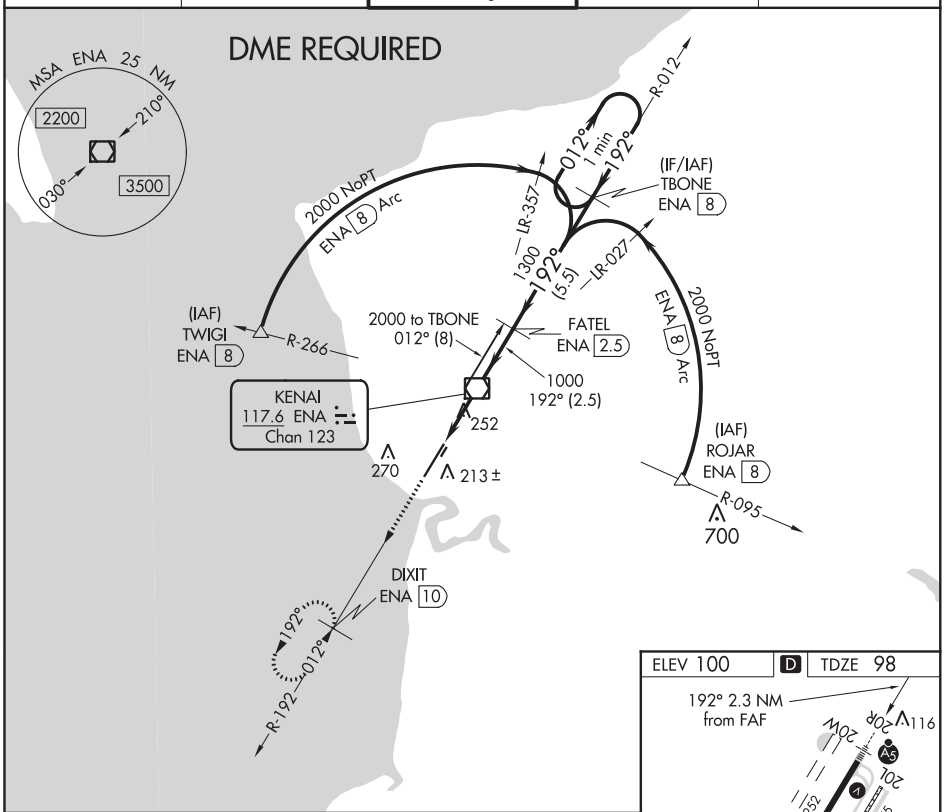
VOR/DME ENA 117.6 Chan 123	APP CRS 192°	Rwy ldg 7575 TDZE 98 Apt Elev 100

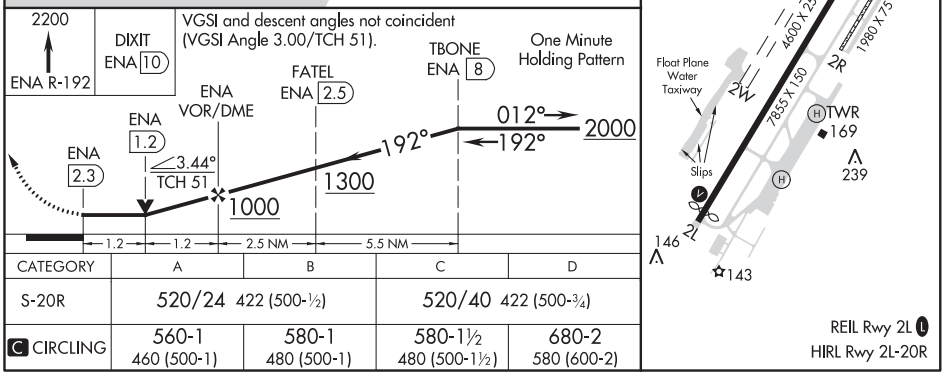
Circling Rwy 2R, 20L NA at night. DME required. VDP NA when using Soldotna altimeter setting. When local altimeter setting not received, use Soldotna altimeter setting and increase all MDA 40 feet, increase S-20R Cats C and D visibility to RVR 5000. Circling Rwy 2W, 20W NA. -31°C

MALSR

MISSED APPROACH: Climb to 2200 on ENA VOR/DME R-192 to DIXIT/ENA VOR/DME 10 DME and hold.

ATIS	ANCHORAGE CENTER	KENAI TOWER★	GND CON	KENAI RADIO
133.35	125.7 379.1	121.3 (CTAF) L 239.3	118.75	122.65





CATEGORY	A	B	C	D
S-20R	520/24 422 (500-½)		520/40 422 (500-¾)	
C CIRCLING	560-1 460 (500-1)	580-1 480 (500-1)	580-1½ 480 (500-1½)	680-2 580 (600-2)

KENAI, ALASKA
Amdt 21A 13SEP18

60°34′N-151°15′W

KENAI MUNI (ENA) (PAEN)
VOR RWY 20R

AK, 05 NOV 2020 to 31 DEC 2020

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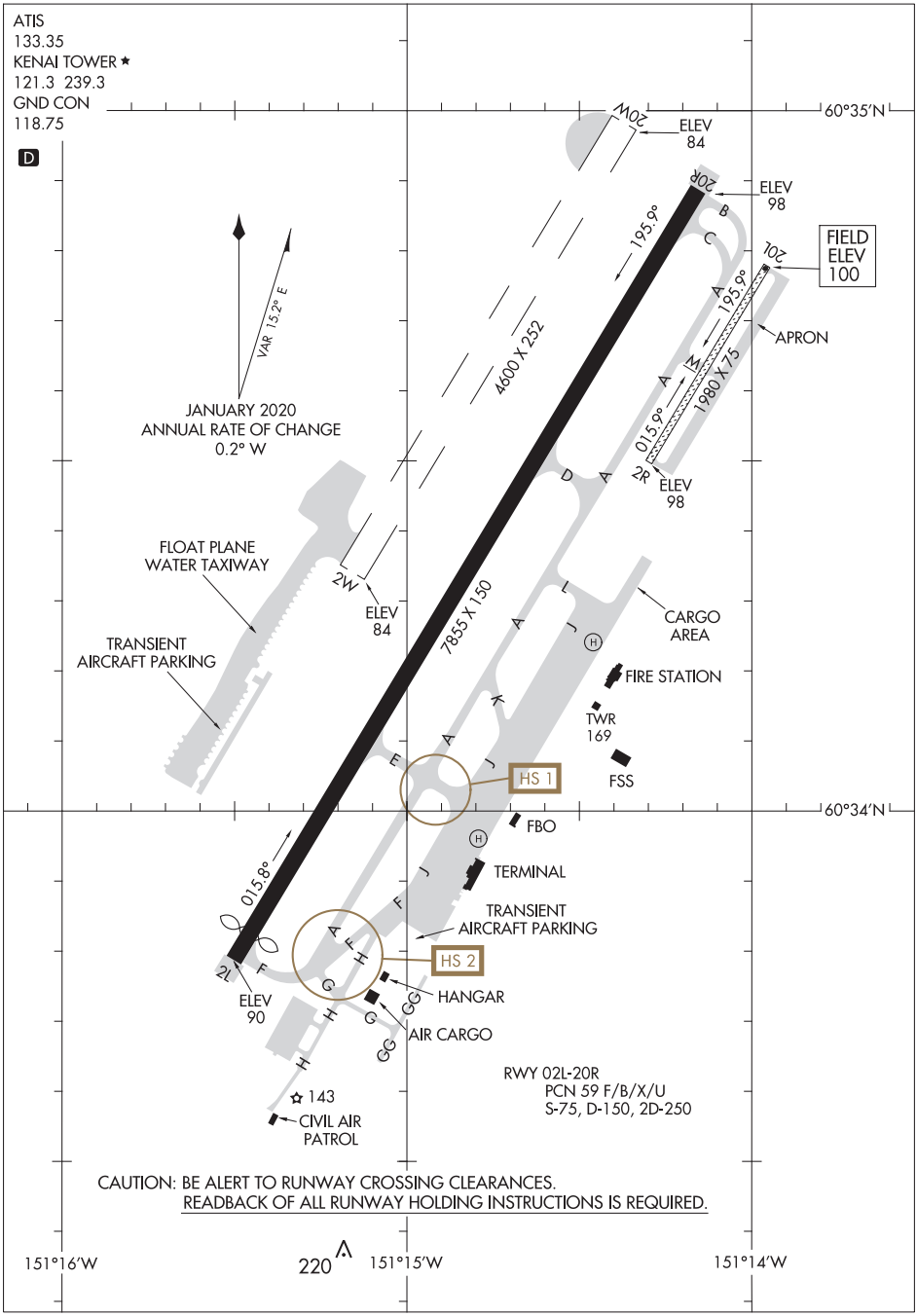
AL-1235 (FAA)



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AK, 05 NOV 2020 to 31 DEC 2020

KETCHIKAN, ALASKA | AL-6053 (FAA) | 19227

LOC/DME I-ECH 109.3 Chan 30	APP CRS 115°	Rwy ldg 7500 TDZE 92 Apt Elev 92

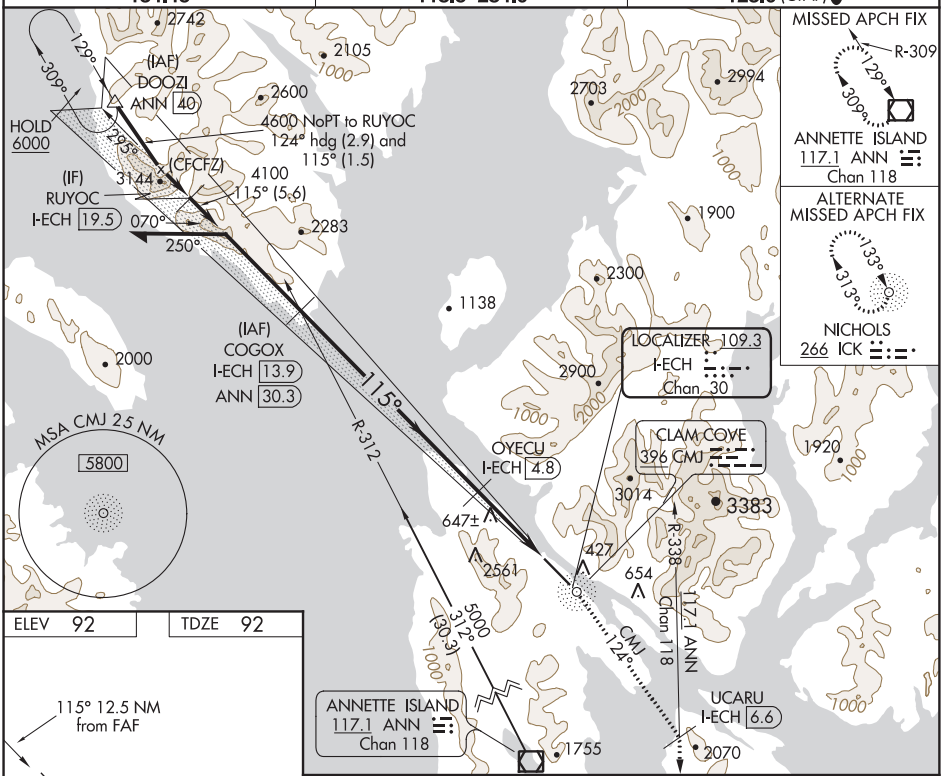
ILS Y or LOC Y RWY 11
KETCHIKAN INTL (KTN)(PAKT)

DME and ADF required. For inop MALSR, increase S-ILS 11† visibility to RVR 6000 and S-LOC 11 Cats C and D visibility to 2½.
RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 5000 direct CMJ NDB and on CMJ NDB bearing 124° to UCARU/I-ECH 6.6 DME and on ANN VOR/DME R-338 to ANN VOR/DME and hold.
S-ILS 11 missed approach requires minimum climb of 305 feet per NM to 4000.
† S-ILS 11 missed approach requires minimum climb of 270 feet per NM to 4000.
S-LOC 11 missed approach requires minimum climb of 235 feet per NM to 4000.
If unable to meet climb gradients, see LOC X RWY 11.

AFIS	ANCHORAGE CENTER	KETCHIKAN RADIO
134.45	118.5 284.6	123.6 (CTAF) L



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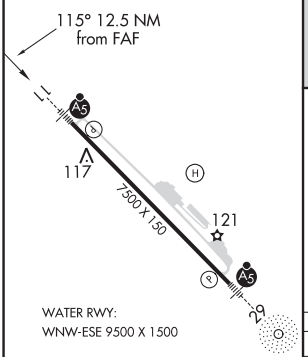
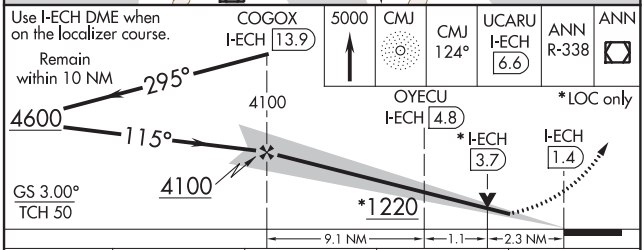
ELEV 92	TDZE 92





CATEGORY	A	B	C	D
S-ILS 11 #	292/24 200 (200-½)			
S-ILS 11†	481/45 389 (400-⅞)			
S-LOC 11	880/24 788 (800-½)	880/40 788 (800-¾)	880-1¾ 788 (800-1¾)	

LOC/DME I-ECH 109.3 Chan 30	APP CRS 115°	Rwy ldg 7500 TDZE 92 Apt Elev 92

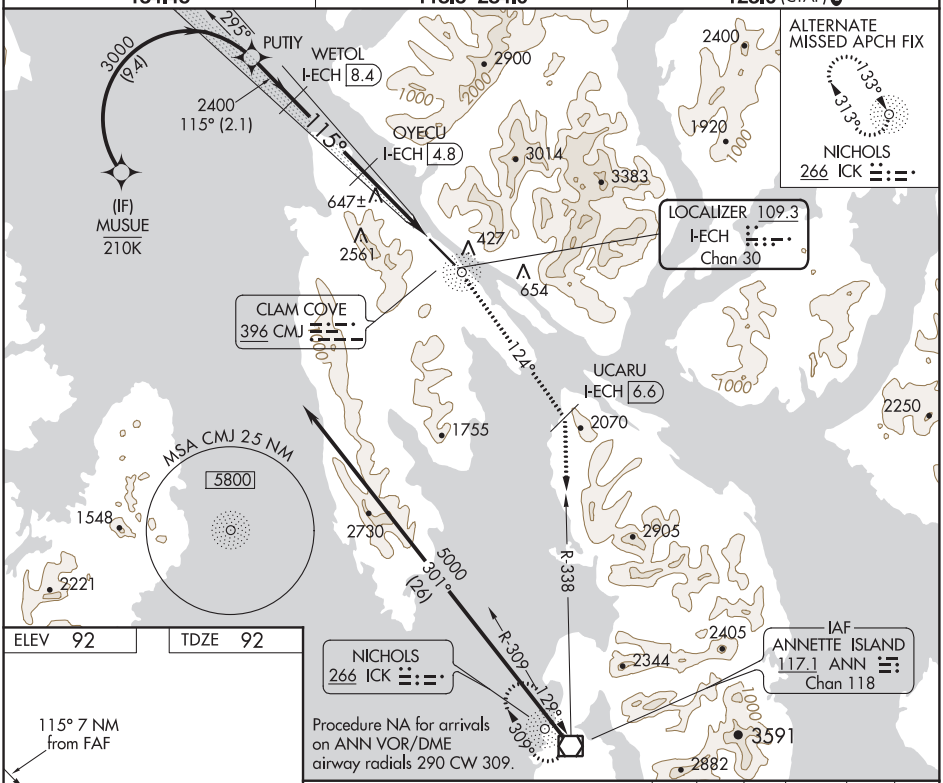
ILS Z or LOC Z RWY 11
KETCHIKAN INTL (KTN)(PAKT)

RF, GPS, DME and ADF required. For inop MALSR, increase S-LOC 11 Cats C and D visibility to 2½. #RVR 1800 authorized with the use of FD or AP or HUD to DA.

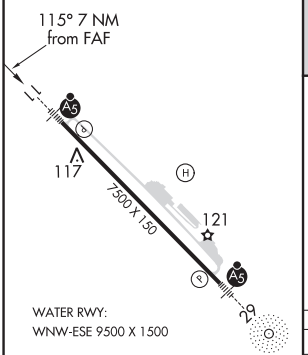
MALSR

MISSED APPROACH: Climb to 5000 direct CMJ NDB and on CMJ NDB bearing 124° to UCARU/I-ECH 6.6 DME and on ANN VOR/DME R-338 to ANN VOR/DME and hold.
S-ILS 11 missed approach requires minimum climb of 305 feet per NM to 4000.
S-LOC 11 missed approach requires minimum climb of 235 feet per NM to 4000.
If unable to meet climb gradients, see LOC X RWY 11.

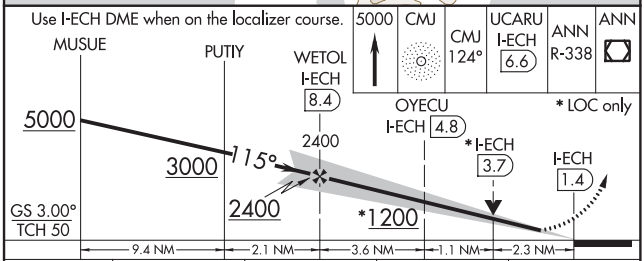
AFIS 134.45	ANCHORAGE CENTER 118.5 284.6	KETCHIKAN RADIO 123.6 (CTAF)



ELEV 92	TDZE 92



HIRL Rwy 11-29



CATEGORY	A	B	C	D
# S-ILS 11	292/24 200 (200-½)			
S-LOC 11	880/24 788 (800-½)	880/40 788 (800-¾)	880-1¾ 788 (800-1¾)	

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KETCHIKAN, ALASKA | AL-6053 (FAA) | 19227

WAAS CH 58009 W11A	APP CRS 114°	Rwy ldg 7500 TDZE 88 Apt Elev 88

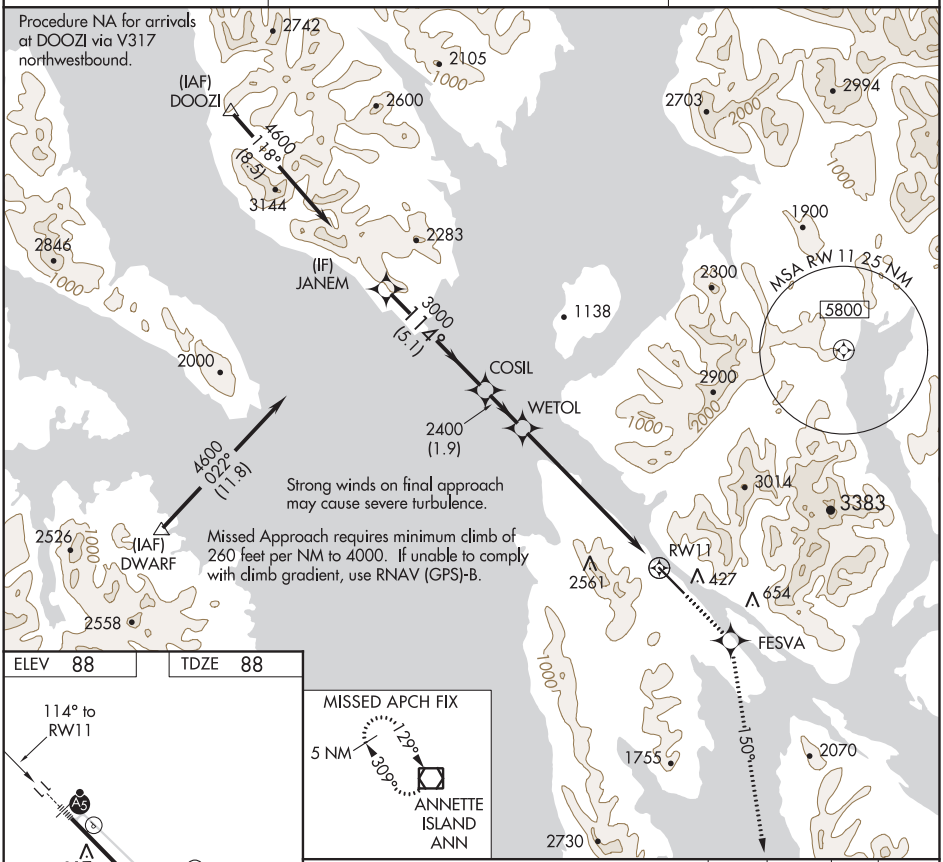
RNAV (GPS) RWY 11
KETCHIKAN INTL (KTN)(PAKT)

T NA — For inoperative MALSR, increase LPV DA visibility to RVR 6000. DME/DME RNP-0.3 NA.

MALSR

MISSED APPROACH: Climb to 5000 direct FESVA and via 150° track to ANN VOR/DME and hold.

AFIS	ANCHORAGE CENTER	KETCHIKAN RADIO
134.45	118.5 284.6	123.6 (CTAF) L



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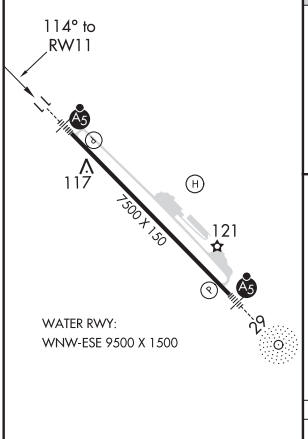
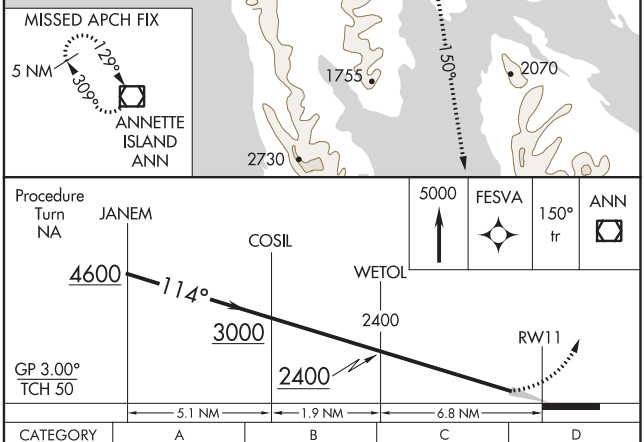
ELEV 88	TDZE 88





CATEGORY	A	B	C	D
LPV DA	438/40 350 (400-¾)			

HIRL Rwy 11-29 L

KETCHIKAN, ALASKA
Orig 25SEP08

55°21′N-131°43′W

KETCHIKAN INTL (KTN)(PAKT)
RNAV (GPS) RWY 11

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WAAS CH **40142** **W29A**	APP CRS **295°**	Rwy ldg **7500** TDZE **92** Apt Elev **92**

RNAV (GPS) RWY 29
KETCHIKAN INTL (KTN)(PAKT)

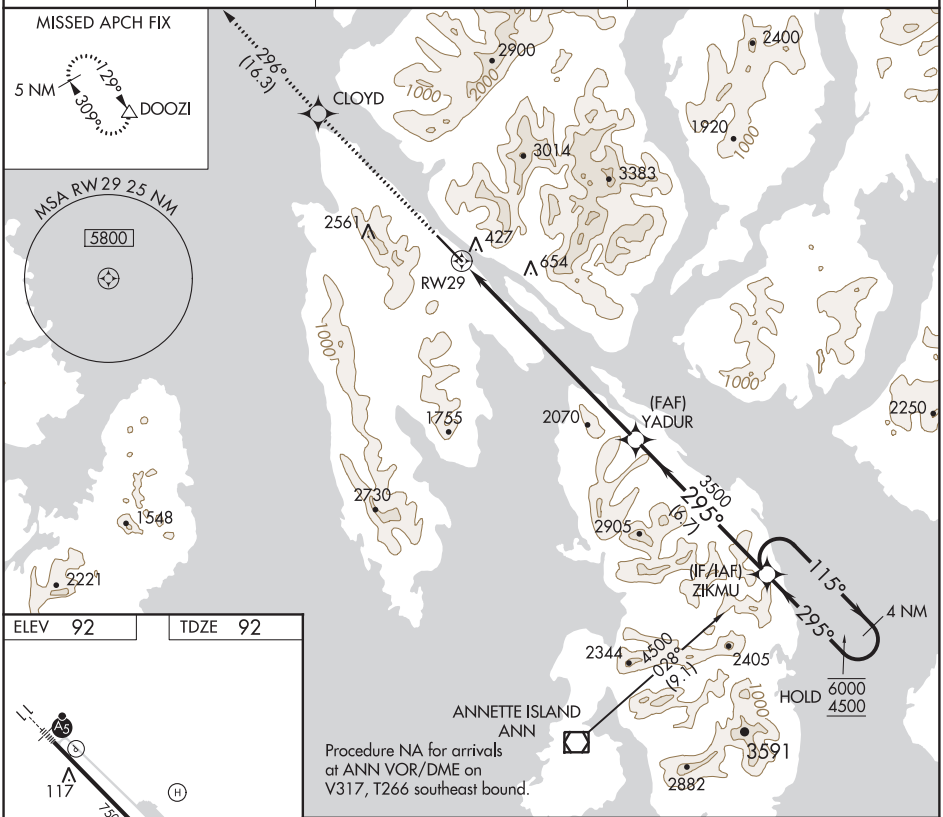
RNP APCH.

NA For inop ALS, increase all Cats visibility to 1¾ SM.

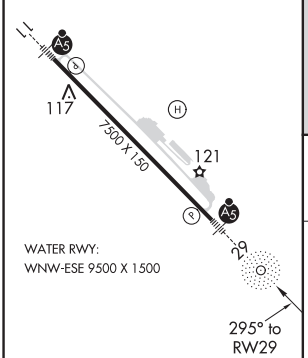
MALSR

MISSED APPROACH: Climb to 5000 direct CLOYD and on track 296° to DOOZI and hold.
*Missed approach requires minimum climb of 425 feet per NM to 2160; If unable to meet climb gradient, see RNAV (GPS)-B.

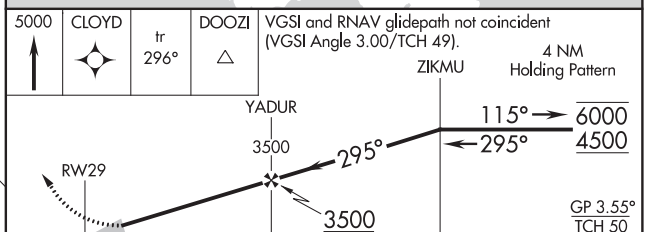
AFIS	ANCHORAGE CENTER	KETCHIKAN RADIO
134.45	**118.5 284.6**	**123.6** (CTAF) L



ELEV 92	TDZE 92



HIRL Rwy 11-29 L



CATEGORY	A	B	C	D
LPV DA*	722-1⅜ 630 (700-1⅜)			NA

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RNAV (GPS)-B
KETCHIKAN INTL (KTN)(PAKT)

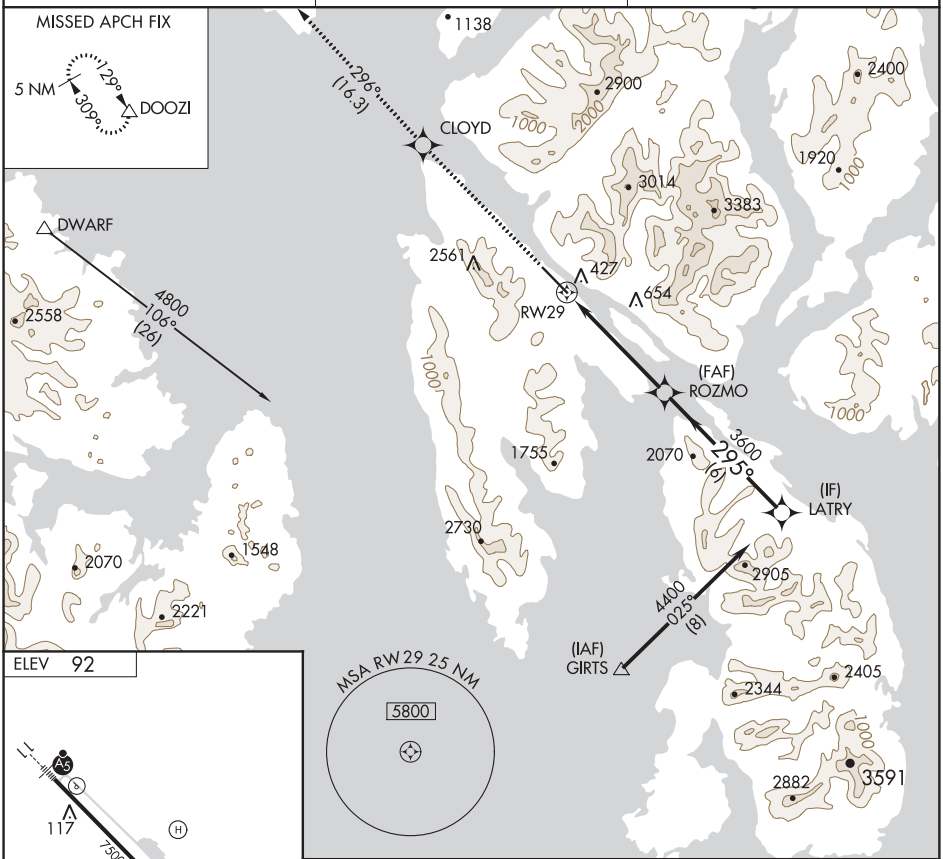
APP CRS	Rwy ldg	N/A
295°	TDZE	N/A
	Apt Elev	92

RNP APCH.

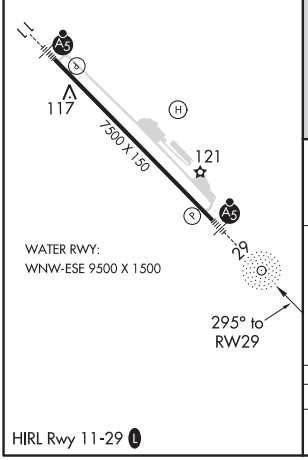
Circling NA northeast of Rwy 29-11.

MISSED APPROACH: Climb to 5000 direct CLOYD and on track 296° to DOOZI and hold.

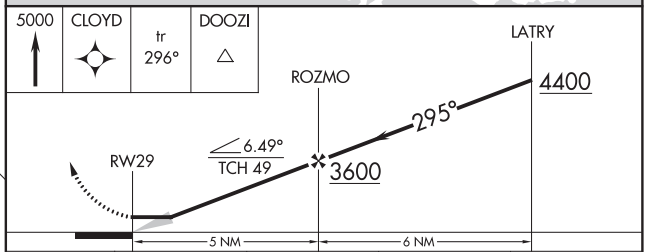
AFIS	ANCHORAGE CENTER	KETCHIKAN RADIO
134.45	118.5 284.6	123.6 (CTAF) L



ELEV 92



HIRL Rwy 11-29 L



CATEGORY	A	B	C	D
C CIRCLING	1980-1¼ 1888 (1900-1¼)	2620-1½ 2528 (2600-1½)	2880-3	2788 (2800-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC/DME I-ECH 109.3 Chan 30	APP CRS 115°	Rwy ldg 7500 TDZE 92 Apt Elev 92

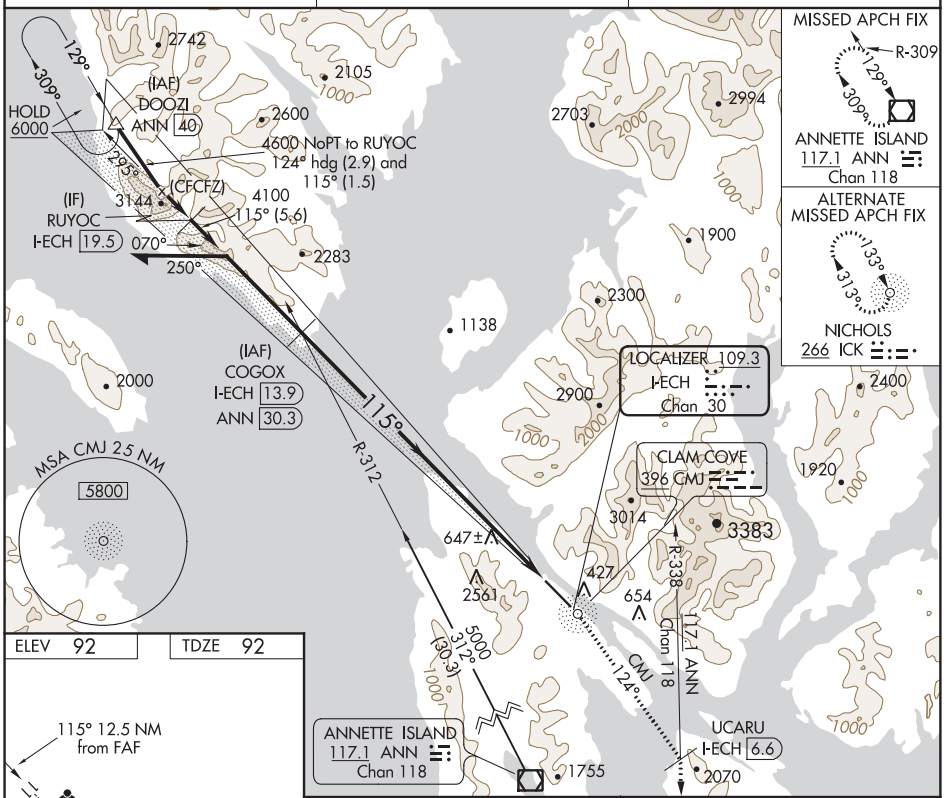
LOC X RWY 11
KETCHIKAN INTL (KTN)(PAKT)

Circling NA at night.
Inoperative table does not apply.
DME and ADF required.

MALSR

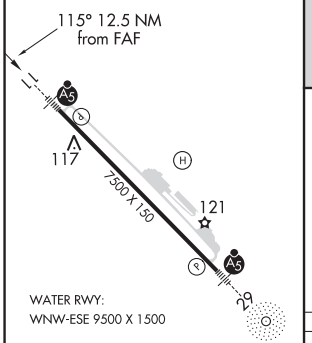
MISSED APPROACH: Climb to 5000 direct CMJ NDB then on CMJ NDB bearing 124° to UCARU/I-ECH 6.6 DME and on ANN VOR/DME R-338 to ANN VOR/DME and hold.

AFIS	ANCHORAGE CENTER	KETCHIKAN RADIO
134.45	118.5 284.6	123.6 (CTAF) L

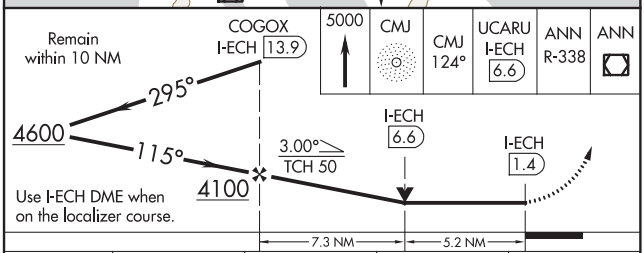


AK, 05 NOV 2020 to 31 DEC 2020

ELEV 92	TDZE 92



HIRL Rwy 11-29 L



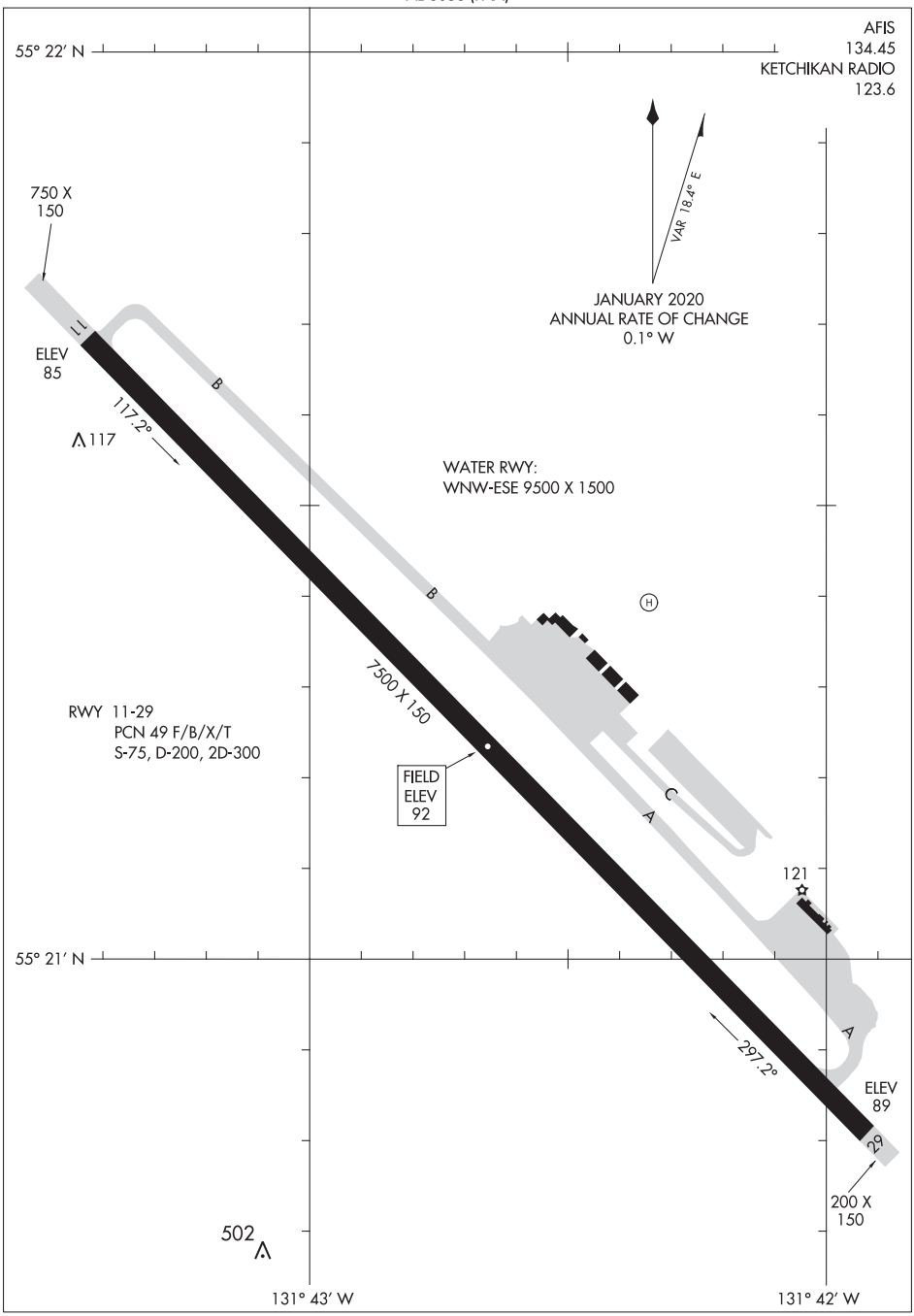
CATEGORY	A	B	C	D
S-11	1780-1¼ 1688 (1700-1¼)	1780-1½ 1688 (1700-1½)	1780-3 1688 (1700-3)	
C CIRCLING	2100-1¼ 2008 (2100-1¼)	2640-1½ 2548 (2600-1½)	3020-3 2928 (3000-3)	3300-3 3208 (3300-3)

20086

AIRPORT DIAGRAM

KETCHIKAN INTL (KTN)(PAKT)
KETCHIKAN, ALASKA

AL-6053 (FAA)



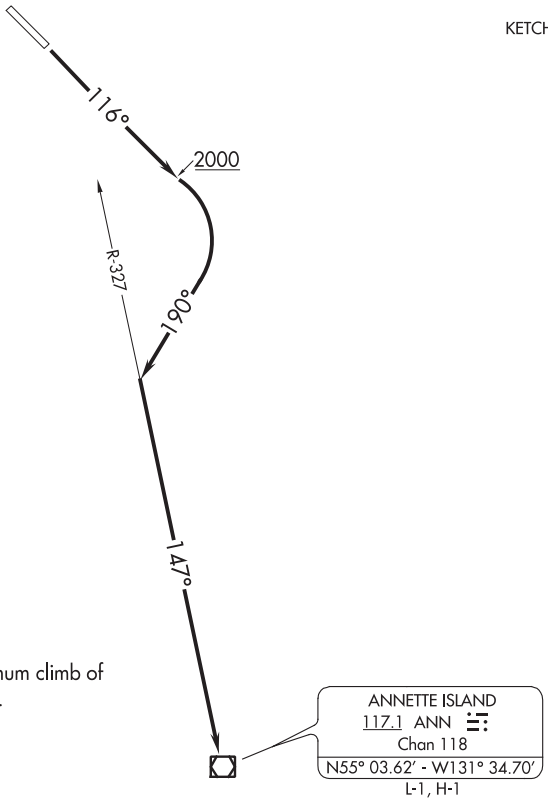
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AIRPORT DIAGRAM
20086
KETCHIKAN, ALASKA
KETCHIKAN INTL (KTN)(PAKT)

KETCHIKAN SIX DEPARTURE (OBSTACLE)

ANCHORAGE CENTER
118.5 284.6
KETCHIKAN RADIO
121.5
CTAF
123.6



TAKEOFF MINIMUMS

Rwy 11: Standard with a minimum climb of 360′ per NM to 2000.

Rwy 29: NA - ATC.

TAKEOFF OBSTACLE NOTES

Rwy 11: Electrical system 5′ from DER, 55′ left of centerline, 1′ AGL/90′ MSL.
Electrical system 5′ from DER, 54′ right of centerline, 1′ AGL/90′ MSL.
Tree 107′ from DER, 514′ left of centerline, 93′ MSL.
Tree 190′ from DER, 508′ left of centerline, 76′ AGL/95′ MSL.
Tree 483′ from DER, 572′ right of centerline, 126′ MSL.
Trees 966′ from DER, 692′ right of centerline, 128′ MSL.
Tree 1072′ from DER, 693′ right of centerline, 144′ MSL.
Trees beginning 1195′ from DER, 659′ right of centerline, up to 154′ MSL.
Tree 2469′ from DER, 1001′ right of centerline, 164′ MSL.
Tree 2567′ from DER, 1060′ right of centerline, 168′ MSL.
Trees beginning 2768′ from DER, 1014′ right of centerline, up to 173′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climb heading 116° to 2000, then climbing right turn to 5000 on heading 190° to intercept ANN VOR/DME R-327 to ANN VOR/DME before proceeding on course.

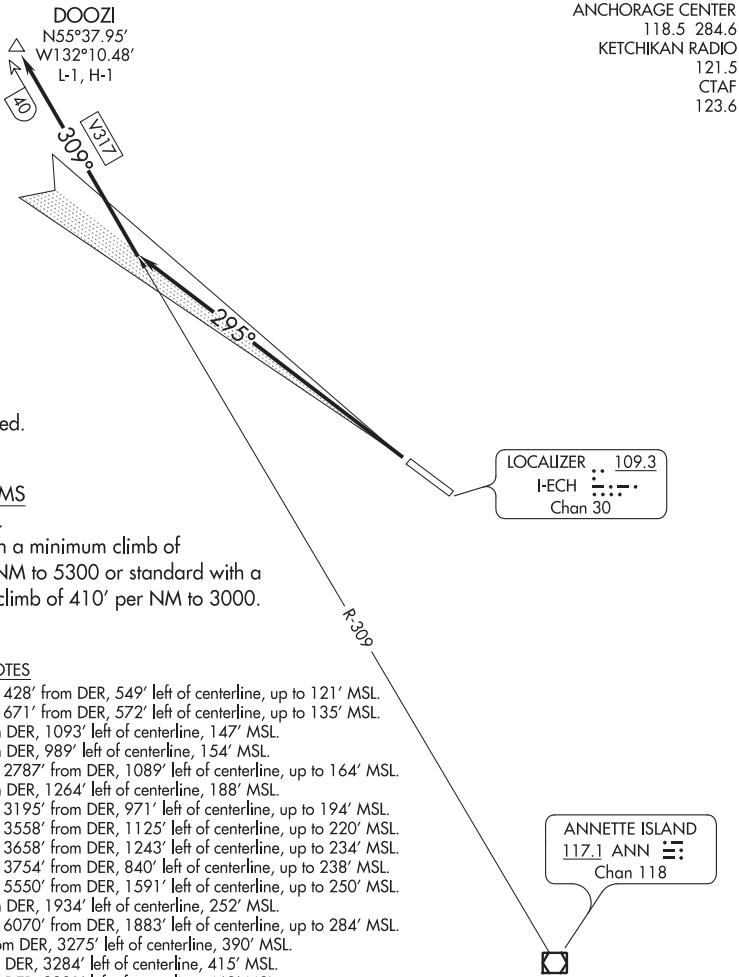
AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

(SKOWL2.DOOZI) 18200

SKOWL TWO DEPARTURE (OBSTACLE)

AL-6053 (FAA)

KETCHIKAN INTL (KTN)(PAKT)
KETCHIKAN, ALASKA



ANCHORAGE CENTER
118.5 284.6
KETCHIKAN RADIO
121.5
CTAF
123.6

NOTE: DME required.

TAKEOFF MINIMUMS

Rwy 11: NA - ATC.

Rwy 29: 800-3 with a minimum climb of 275′ per NM to 5300 or standard with a minimum climb of 410′ per NM to 3000.

TAKEOFF OBSTACLE NOTES

Rwy 29: Trees beginning 428′ from DER, 549′ left of centerline, up to 121′ MSL.
Trees beginning 671′ from DER, 572′ left of centerline, up to 135′ MSL.
Tree 2370′ from DER, 1093′ left of centerline, 147′ MSL.
Tree 2728′ from DER, 989′ left of centerline, 154′ MSL.
Trees beginning 2787′ from DER, 1089′ left of centerline, up to 164′ MSL.
Tree 3059′ from DER, 1264′ left of centerline, 188′ MSL.
Trees beginning 3195′ from DER, 971′ left of centerline, up to 194′ MSL.
Trees beginning 3558′ from DER, 1125′ left of centerline, up to 220′ MSL.
Trees beginning 3658′ from DER, 1243′ left of centerline, up to 234′ MSL.
Trees beginning 3754′ from DER, 840′ left of centerline, up to 238′ MSL.
Trees beginning 5550′ from DER, 1591′ left of centerline, up to 250′ MSL.
Tree 6050′ from DER, 1934′ left of centerline, 252′ MSL.
Trees beginning 6070′ from DER, 1883′ left of centerline, up to 284′ MSL.
Tree 1.9 NM from DER, 3275′ left of centerline, 390′ MSL.
Tree 2 NM from DER, 3284′ left of centerline, 415′ MSL.
Tree 2 NM from DER, 3381′ left of centerline, 462′ MSL.
Tree 2.2 NM from DER, 4085′ left of centerline, 100′ AGL/576′ MSL.
Trees beginning 2.2 NM from DER, 2371′ left of centerline, up to 607′ MSL.
Trees beginning 2.3 NM from DER, 3644′ left of centerline, up to 100′ AGL/622′ MSL.
Trees beginning 2.3 NM from DER, 2461′ left of centerline, up to 640′ MSL.
Trees beginning 2.3 NM from DER, 2432′ left of centerline, up to 647′ MSL.
Tree 2.3 NM from DER, 4153′ left of centerline, 100′ AGL/658′ MSL.
Trees beginning 2.3 NM from DER, 2171′ left of centerline, up to 783′ MSL.
Trees beginning 2.4 NM from DER, 2456′ left of centerline, up to 866′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 29: Climb to assigned altitude on I-ECH localizer NW course (295°) to intercept/join ANN VOR/DME R-309/V317 to DOOZI/40 DME before proceeding on course.

APP CRS	Rwy ldg	3400
064°	TDZE	171
	Apt Elev	171

RNAV (GPS) RWY 6
BOB BAKER MEMORIAL (IAN) (PAIK)

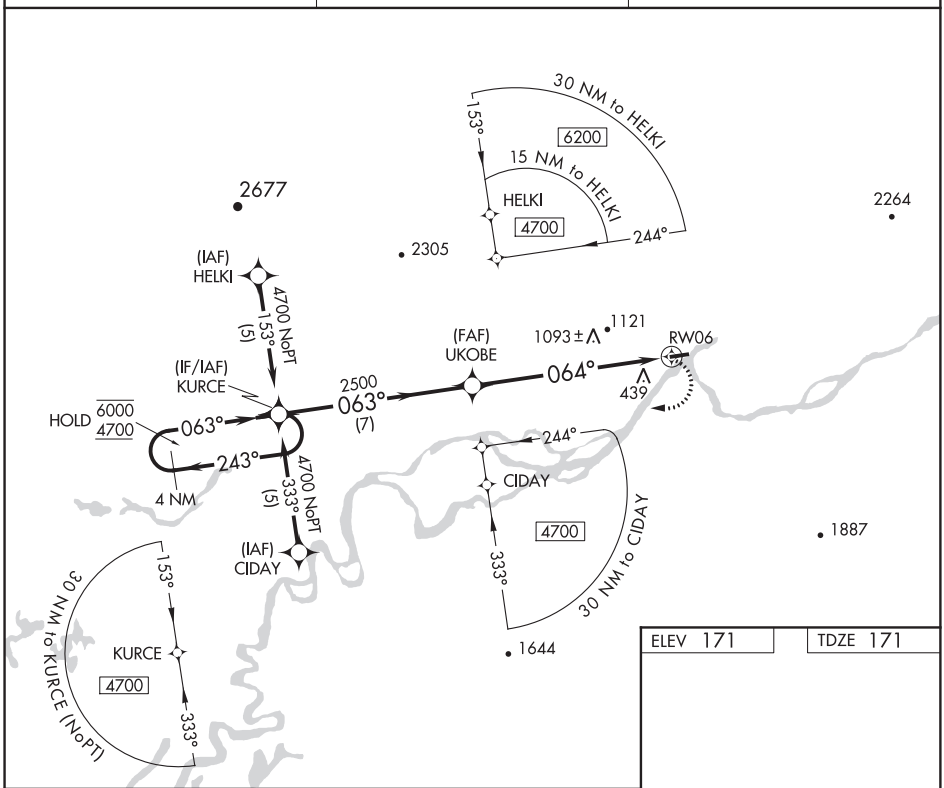
RNP APCH.

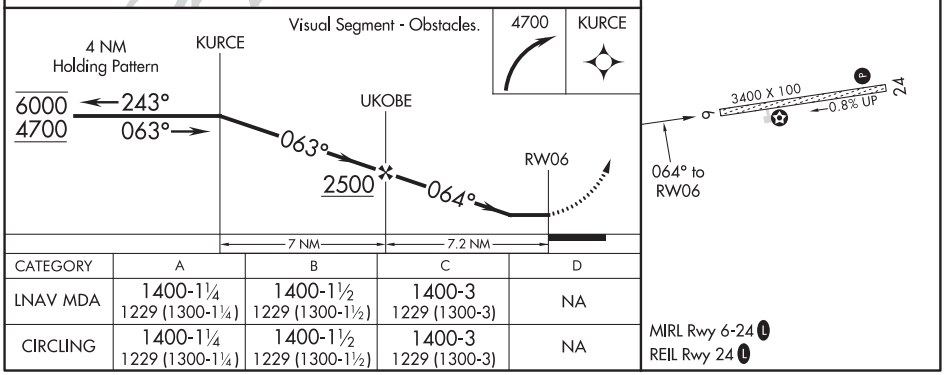
NA
-28°C

Procedure NA at night. Rwy 6 helicopter visibility reduction below 1 SM NA. When local altimeter not received, use Selawik altimeter setting.

MISSED APPROACH: Climbing right turn to 4700 direct KURCE and hold.

AWOS-3	ANCHORAGE CENTER	CTAF
119.025	119.2 263.0	122.7 L





CATEGORY	A	B	C	D
LNAV MDA	1400-1¼ 1229 (1300-1¼)	1400-1½ 1229 (1300-1½)	1400-3 1229 (1300-3)	NA
CIRCLING	1400-1¼ 1229 (1300-1¼)	1400-1½ 1229 (1300-1½)	1400-3 1229 (1300-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KIANA, ALASKA | AL-10234 (FAA) | 19171

RNAV (GPS) RWY 24
BOB BAKER MEMORIAL (IAN)(PAIK)

APP CRS	Rwy ldg	3400
244°	TDZE	169
	Apt Elev	171

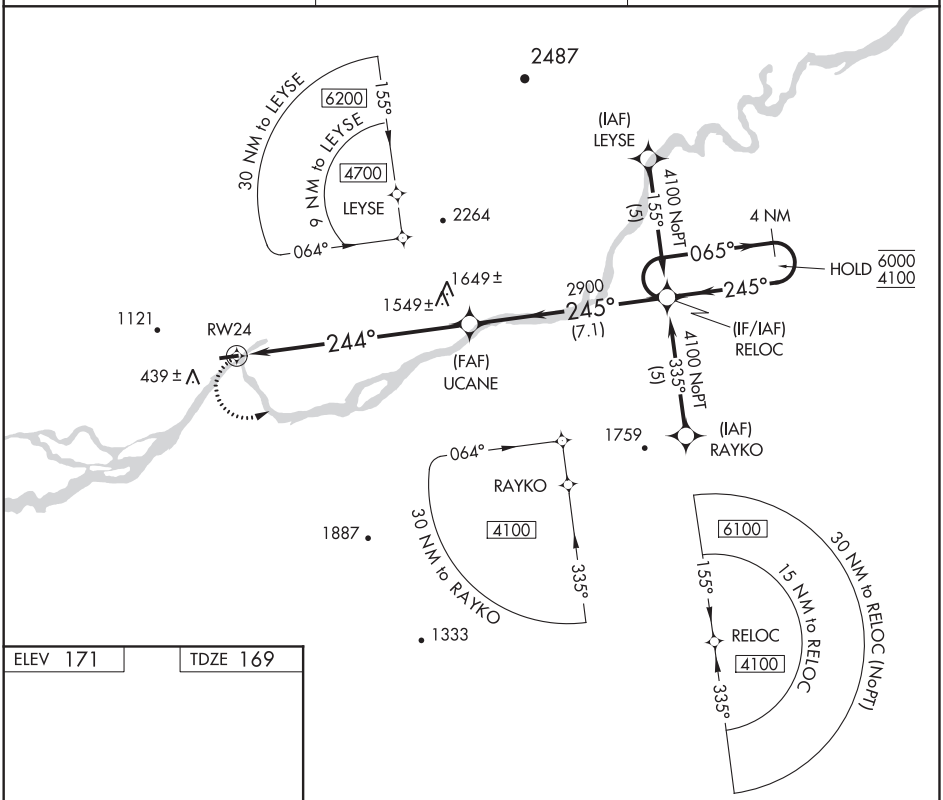
RNP APCH.

Procedure NA at night.
When local altimeter setting not received, use Selawik altimeter setting.

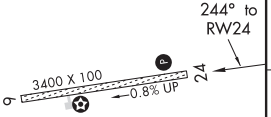
NA
-28°C

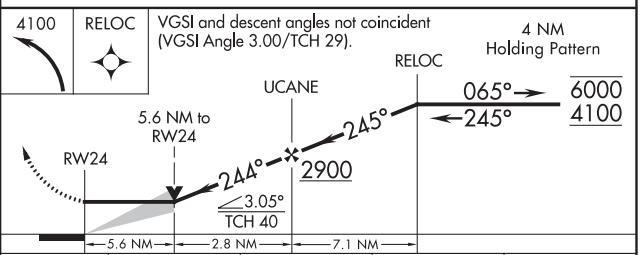
MISSED APPROACH: Climbing left turn to 4100 direct RELOC and hold.

AWOS-3	ANCHORAGE CENTER	CTAF
119.025	119.2 263.0	122.7 L



ELEV 171 | TDZE 169





CATEGORY	A	B	C	D
LNAV MDA	2000-1¼ 1831 (1900-1¼)	2000-1½ 1831 (1900-1½)	2000-3 1831 (1900-3)	NA
CIRCLING	2000-1¼ 1829 (1900-1¼)	2000-1½ 1829 (1900-1½)	2000-3 1829 (1900-3)	NA

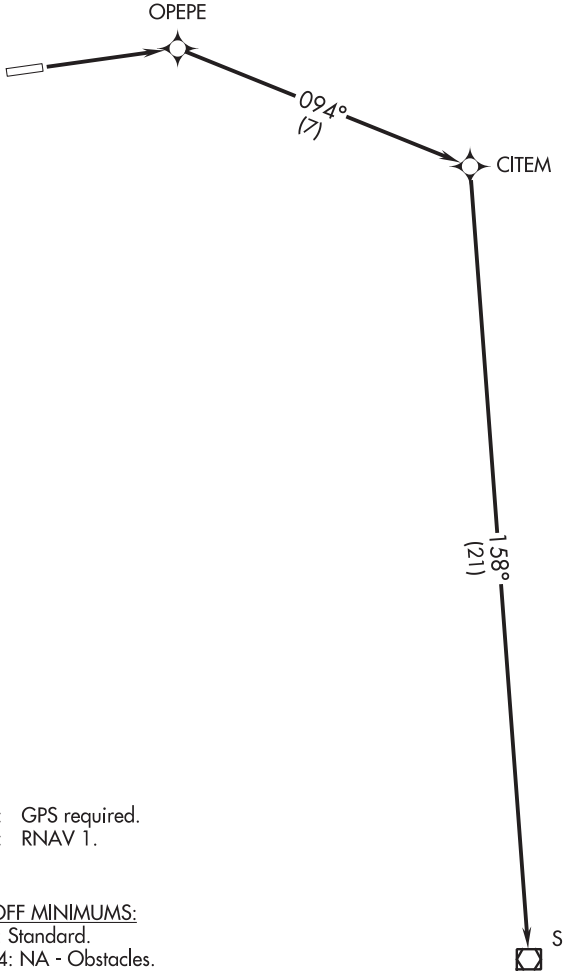
MIRL Rwy 6-24 L
REIL Rwy 24 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

SELAWIK ONE DEPARTURE (OBSTACLE) (RNAV)

KIANA, ALASKA



NOTE: GPS required.
NOTE: RNAV 1.

TAKEOFF MINIMUMS:
Rwy 6: Standard.
Rwy 24: NA - Obstacles.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 6: Climb direct OPEPE WP, then via depicted route to WLK VOR/DME, maintain 4000.

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SELAWIK ONE DEPARTURE (OBSTACLE) (RNAV)
KIANA, ALASKA

KING COVE, ALASKA | AL-9292 (FAA) | 20142

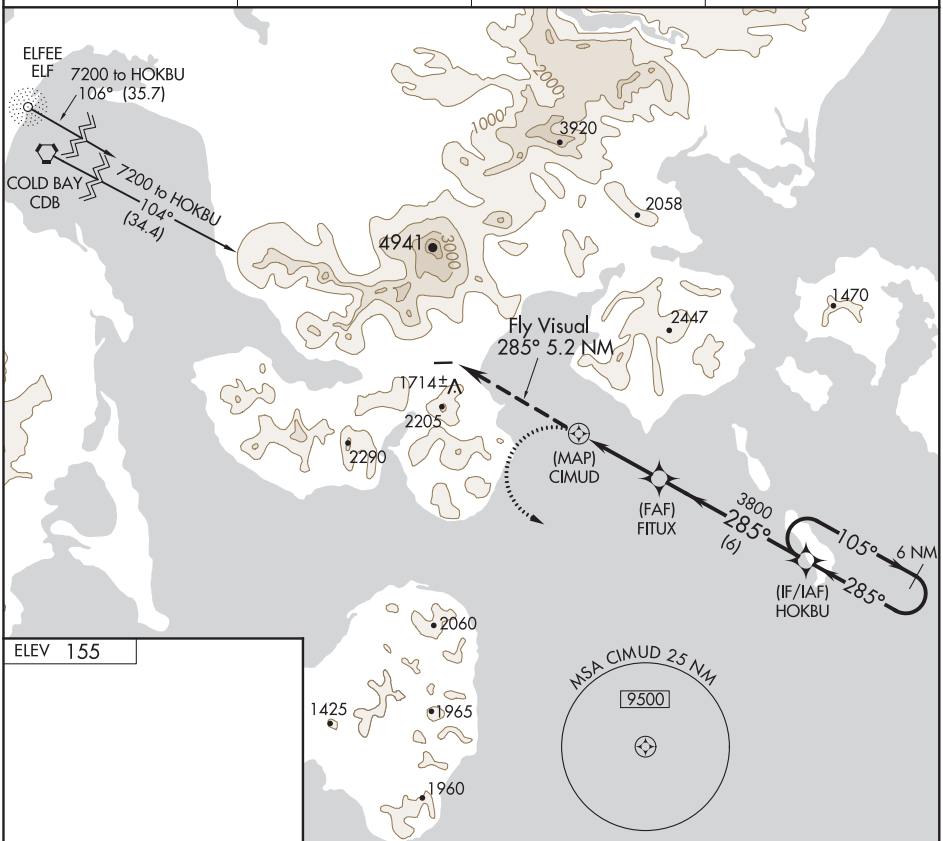
RNAV (GPS)-A
KING COVE (KVC)(PAVC)

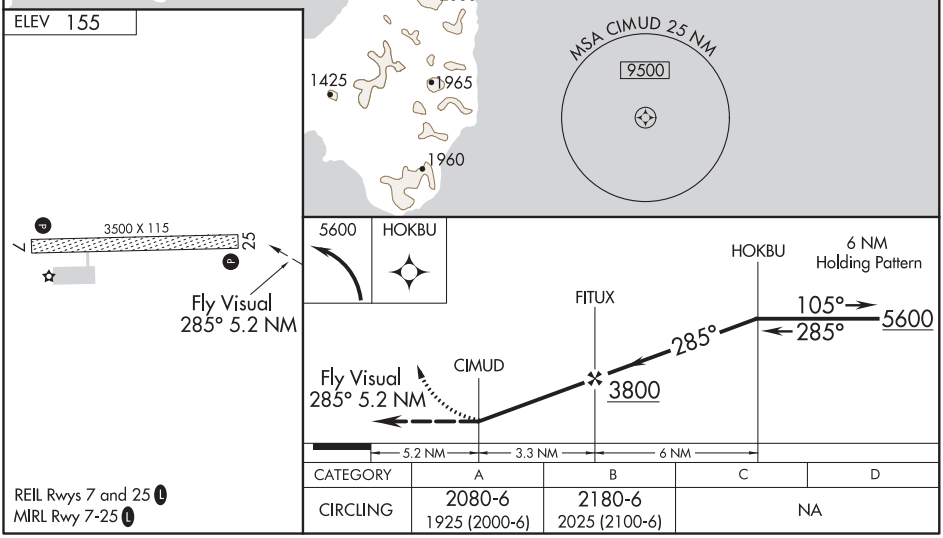
APP CRS	Rwy ldg	N/A
285°	TDZE	N/A
	Apt Elev	155

Circling NA north of Rwy 7-25. Procedure NA at night. DME/DME RNP-0.3 NA. If local altimeter setting not received, use Cold Bay altimeter setting.

MISSED APPROACH: Climbing left turn to 5600 direct HOKBU and hold, continue climb in hold to 5600.

AWOS-3P	CDB/PACD ASOS	ANCHORAGE CENTER	CTAF
118.325	135.75	118.5 278.3	122.9 L



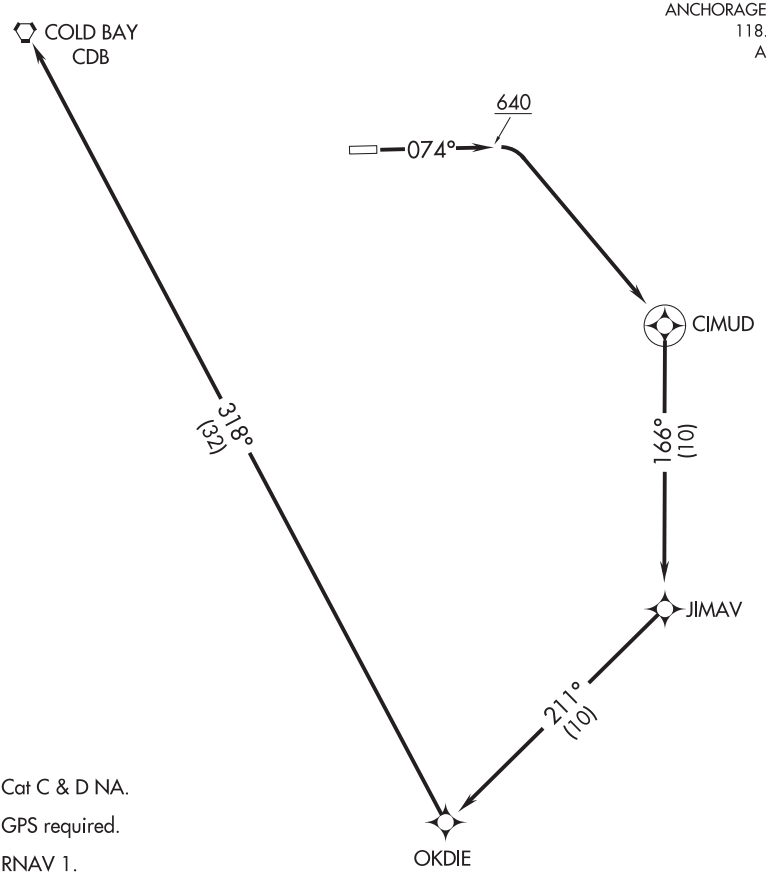


CATEGORY	A	B	C	D
CIRCLING	2080-6 1925 (2000-6)	2180-6 2025 (2100-6)	NA	

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020



NOTE: Cat C & D NA.

NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 7: Standard with a minimum climb of 245′ per NM to 640.
Do not exceed 160K until passing JIMAV.

Rwy 25: NA-obstacles.

TAKEOFF OBSTACLE NOTES

Rwy 7: Trees 193′ from DER, 523′ right of centerline, 15′ AGL/214′ MSL.
Trees 634′ from DER, 649′ left of centerline, 15′ AGL/214′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb via heading 074° to 640, then climbing right turn to 4000 direct CIMUD, and via 166° track to JIMAV, and via 211° track to OKDIE and right turn via 318° track to CDB VORTAC.

19171

KING SALMON, ALASKA

HI-ILS or LOC/DME RWY 12

LOC/DME I-AKN	APCH CRS	Rwy ldg	8901
110.3	116°	THRE	60
Chan 40		Arpt Elev	73

JAL-1237 [USAF]

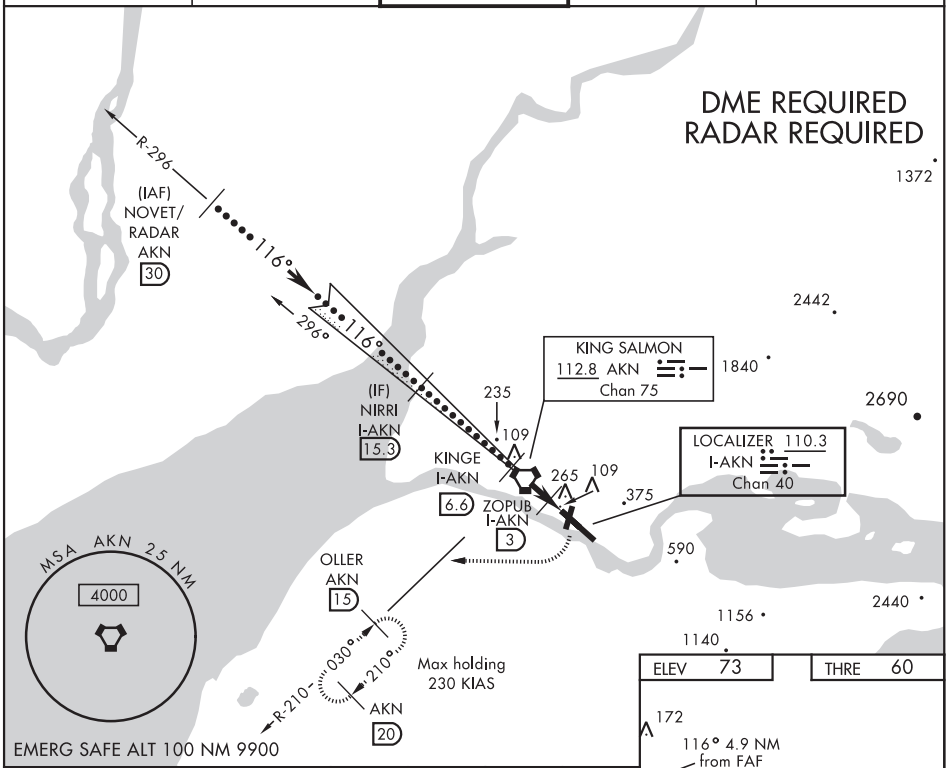
KING SALMON (PAKN)

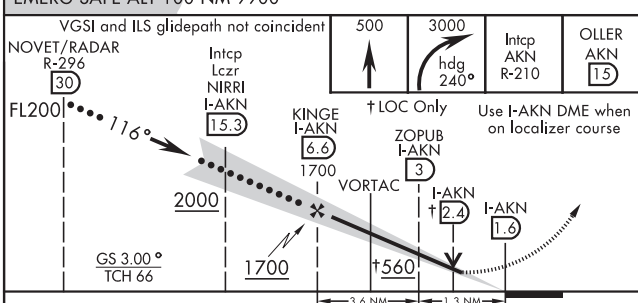
*When ALS inop, increase CAT CDE vis to ¾ mile.
**When ALS inop, increase CAT CDE vis to ⅞ mile.
Autopilot coupled approaches not authorized below 500′ MSL.

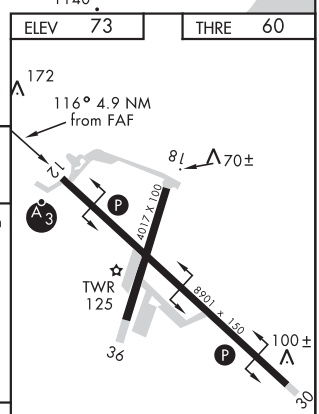
SSALR

MISSED APPROACH: Climb to 500′, then climbing right turn to 3000′ via heading 240° and AKN VORTAC R-210 to OLLER/AKN 15 DME and hold.

ATIS	ANCHORAGE CENTER	KING SALMON TOWER★	GND CON	CTAF
128.8	124.8 354.0	118.3 279.5	121.9	121.9 L 352.05







CATEGORY	C	D	E
S-ILS 12*	260-½	200 (200-½)	
S-LOC 12**	360-½	300 (300-½)	
CIRCLING	580-1½ 507 (600-1½)	640-2 567 (600-2)	880-2¾ 807 (900-2¾)

HIRL Rwy 12-30 L
MIRL Rwy 18-36 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KING SALMON, ALASKA 58°41′N-156°39′W KING SALMON (PAKN)

Amdt 7 20SEP12

HI-ILS or LOC/DME RWY 12

LOC/DME I-AKN 110.3 Chan 40	APP CRS 116°	Rwy ldg 8501 TDZE 62 Apt Elev 73

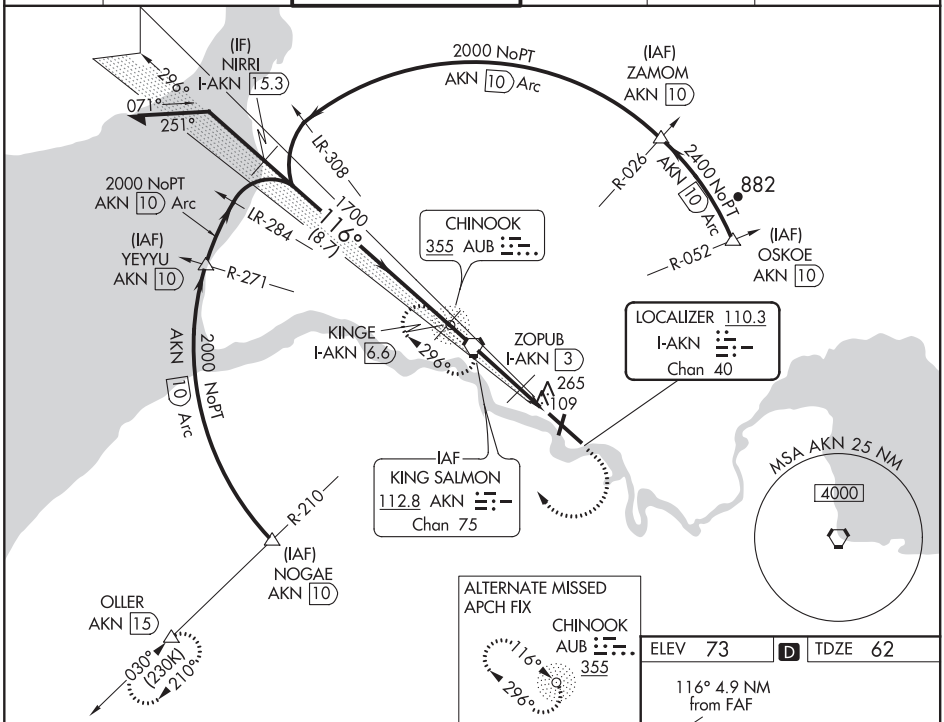
ILS or LOC RWY 12
KING SALMON (AKN)(PAKN)

DME required. Autopilot coupled approach NA below 700. For inoperative ALSF, increase S-ILS 12 Cat E visibility to ¾ mile, and increase S-LOC 12 Cats C-E visibility to 1 mile. -31°C

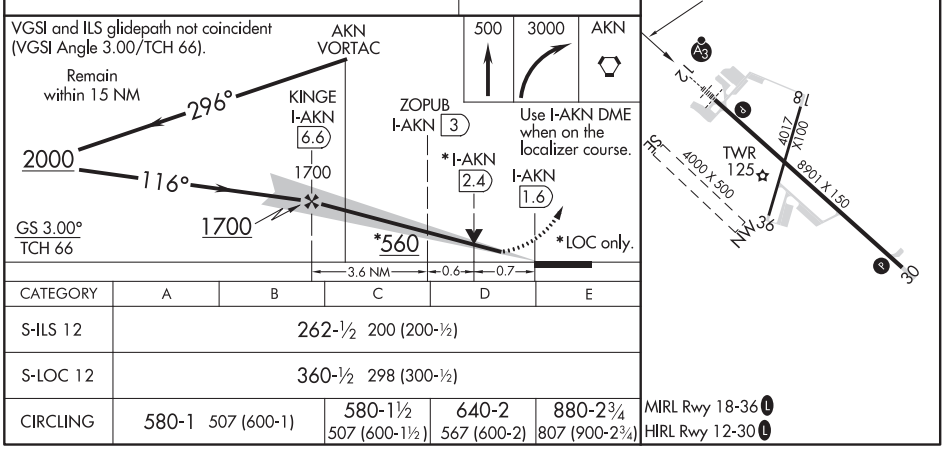
SSALR

MISSED APPROACH: Climb to 500 then climbing right turn to 3000 direct AKN VORTAC and hold, continue climb-in-hold to 3000. (TACAN AIRCRAFT climb to 500 then climbing right turn to 3000 on heading 240° and AKN VORTAC R-210 to OLLER/15 DME and hold SW, right turn, 030° inbound).

ATIS	ANCHORAGE CENTER	KING SALMON TOWER ★	GND CON	UNICOM	CTAF
128.8	124.8 354.0	118.3 279.5	121.9	122.95	121.9 L 352.05



ELEV 73	D	TDZE 62



CATEGORY	A	B	C	D	E
S-ILS 12	262-½ 200 (200-½)				
S-LOC 12	360-½ 298 (300-½)				
CIRCLING	580-1 507 (600-1)		580-1½ 507 (600-1½)	640-2 567 (600-2)	880-2¾ 807 (900-2¾)

MIRL Rwy 18-36 L
HIRL Rwy 12-30 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KING SALMON, ALASKA | AL-1237 (FAA) | 19227

RNAV (GPS) RWY 12
KING SALMON (AKN)(PAKN)

WAAS CH 72608 W12A	APP CRS 116°	Rwy ldg 8501 TDZE 62 Apt Elev 73

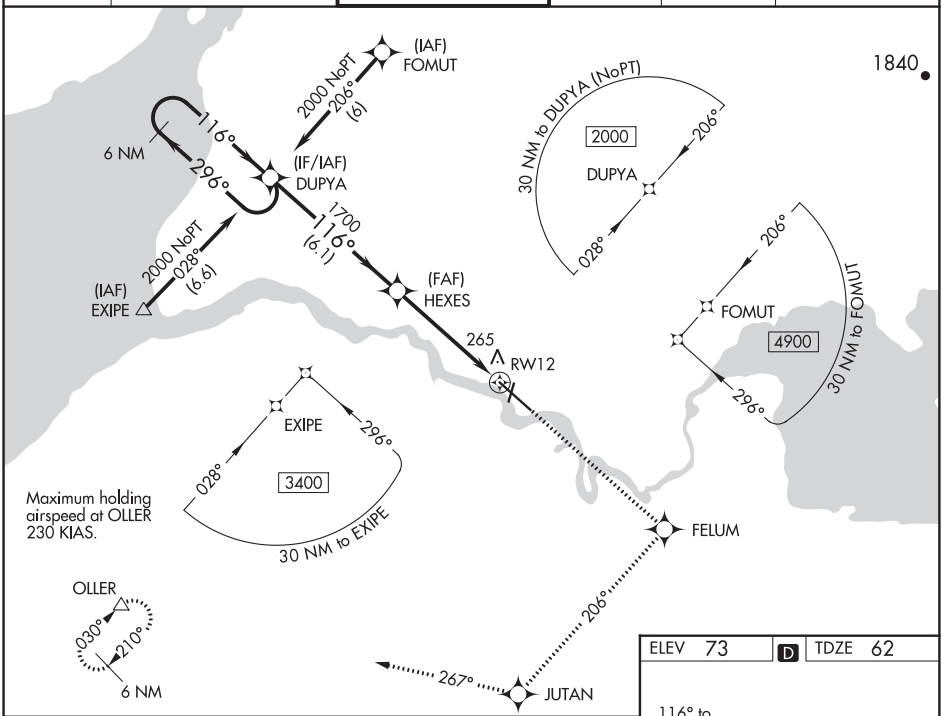
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (118°F). DME/DME RNP -0.3 NA. For inoperative ALSF increase LPV Cat E visibility to ¾ mile, LNAV/VNAV Cat E visibility to 1¾ mile, LNAV Cat E visibility to 1½ mile.

-31°C

SSALR

MISSED APPROACH: Climb to 3000 direct FELUM and via 206° track to JUTAN and via 267° track to OLLER and hold.

ATIS	ANCHORAGE CENTER	KING SALMON TOWER*	GND CON	UNICOM	CTAF
128.8	124.8 354.0	118.3 279.5	121.9	122.95	121.9 L 352.05

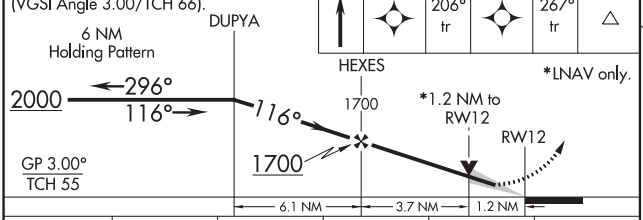


AK, 05 NOV 2020 to 31 DEC 2020

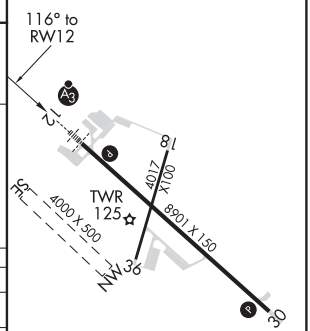
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 66).

3000	FELUM	206° tr	JUTAN	267° tr	OLLER

*LNAV only.



ELEV 73 | D | TDZE 62



CATEGORY	A	B	C	D	E
LPV DA	317-½ 255 (300-½)				
LNAV/VNAV DA	524-1 462 (500-1)				524-1¼ 462 (500-1¼)
LNAV MDA	520-½ 458 (500-½)		520-¾ 458 (500-¾)	520-1 458 (500-1)	
CIRCLING	580-1 507 (600-1)		580-1½ 507 (600-1½)	640-2 567 (600-2)	720-2¼ 647 (700-2¼)

MIRL Rwy 18-36 L
HIRL Rwy 12-30 L

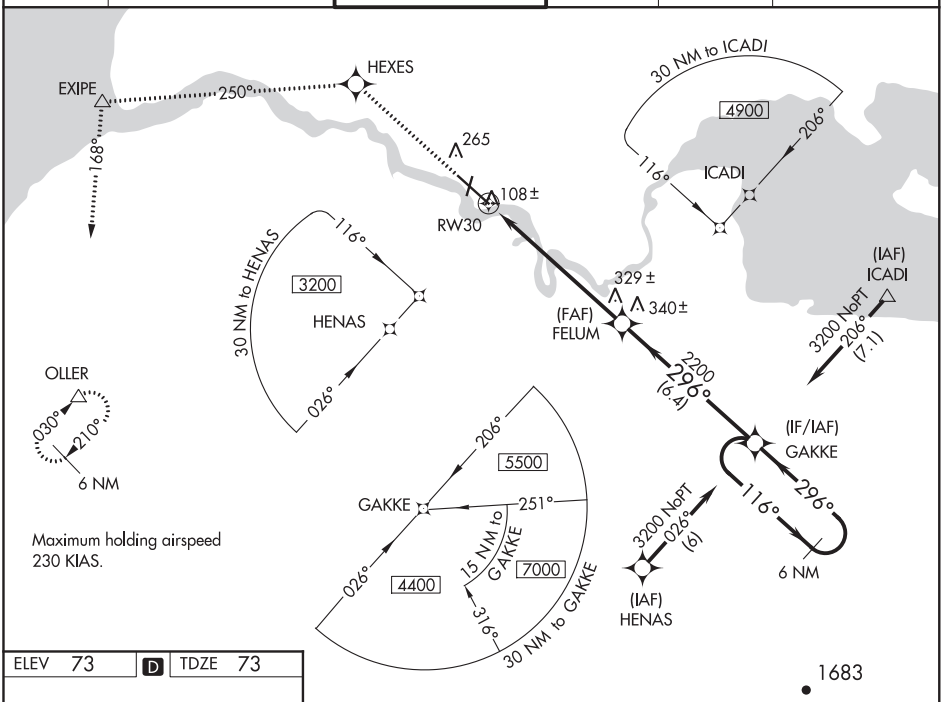
WAAS CH 77908 W30A	APP CRS 296°	Rwy ldg 8501 TDZE 73 Apt Elev 73

RNAV (GPS) RWY 30
KING SALMON (AKN)(PAKN)

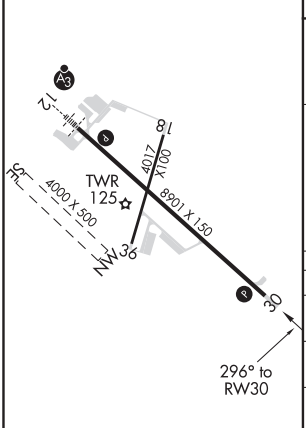
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. -31°C

MISSED APPROACH: Climb to 3000 direct HEXES and via 250° track to EXIPE and via 168° track to OLLER and hold.

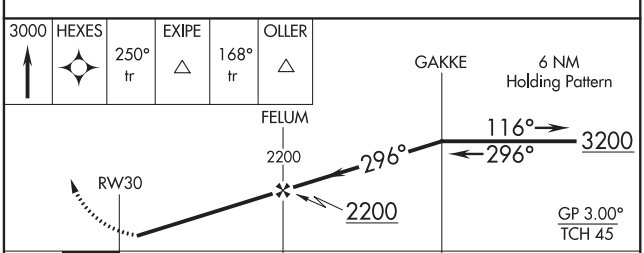
ATIS	ANCHORAGE CENTER	KING SALMON TOWER★	GND CON	UNICOM	CTAF
128.8	124.8 354.0	118.3 279.5	121.9	122.95	121.9L 352.05



ELEV 73	D	TDZE 73



MIRL Rwy 18-36L
HIRL Rwy 12-30L



CATEGORY	A	B	C	D	E
LPV DA	323-1 250 (300-1)				
LNAV/VNAV DA	358-1 285 (300-1)				
LNAV MDA	600-1 527 (600-1)		600-1½ 527 (600-1½)	600-1¾ 527 (600-1¾)	
CIRCLING	600-1 527 (600-1)		600-1½ 527 (600-1½)	640-2 567 (600-2)	720-2¼ 647 (700-2¼)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

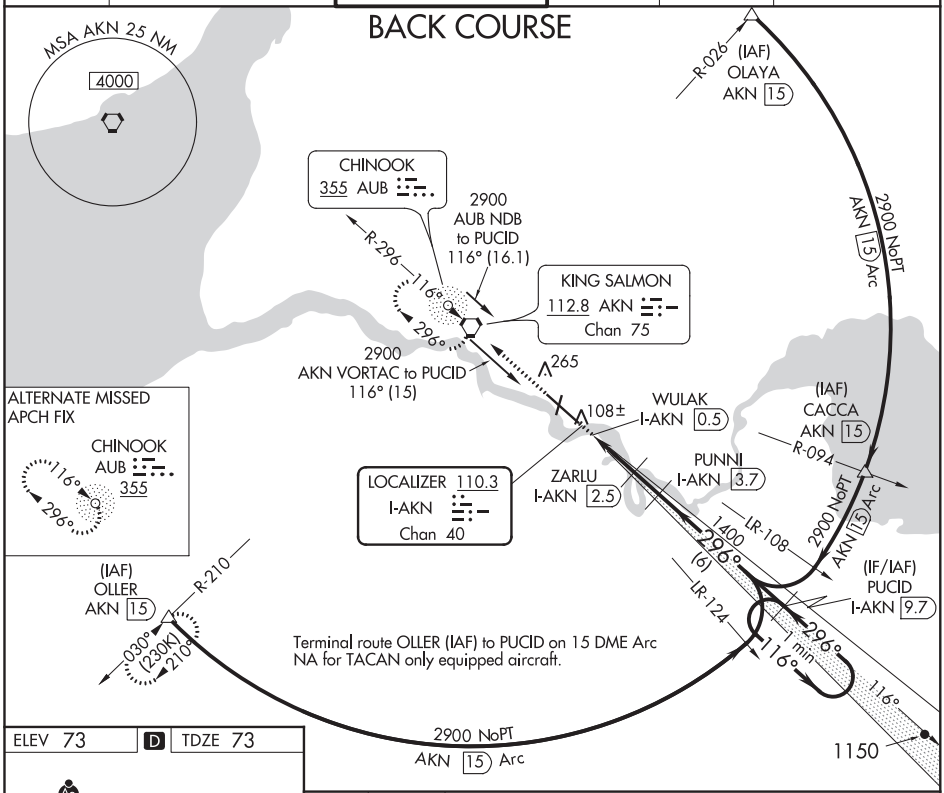
LOC/DME I-AKN	APP CRS	Rwy ldg	8501
110.3	296°	TDZE	73
Chan 40		Apt Elev	73

LOC/DME BC RWY 30
KING SALMON (AKN)(PAKN)

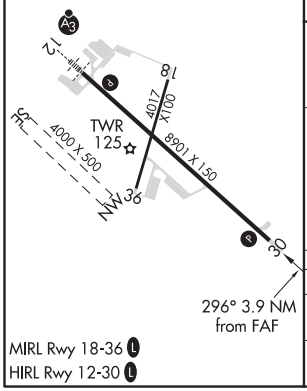
When VGSI inop, Straight-in/Circling Rwy 30 procedure NA at night.
Visibility reduction by helicopters NA.
-31°C

MISSED APPROACH: Climb to 3000 direct AKN VORTAC and hold, continue climb-in-hold to 3000. (TACAN AIRCRAFT climb to 500 then climbing left turn to 3000 on heading 230° and on AKN VORTAC R-210 to OLLER/15 DME and hold SW, right turn, 030° inbound).

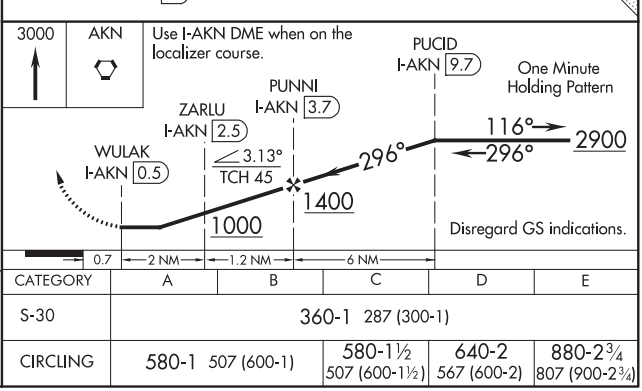
ATIS	ANCHORAGE CENTER	KING SALMON TOWER★	GND CON	UNICOM	CTAF
128.8	124.8 354.0	118.3 279.5	121.9	122.95	121.9 (L) 352.05



ELEV 73 | D | TDZE 73



MIRL Rwy 18-36 (L)
HIRL Rwy 12-30 (L)



CATEGORY	A	B	C	D	E
S-30	360-1 287 (300-1)				
CIRCLING	580-1 507 (600-1)		580-1½ 507 (600-1½)	640-2 567 (600-2)	880-2¾ 807 (900-2¾)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

HI-VOR/DME or TACAN RWY 12

VORTAC AKN	APCH CRS	Rwy ldg	8901
112.8	116°	TDZE	62
Chan 75		Arpt Elev	73

JAL-1237 [USAF]

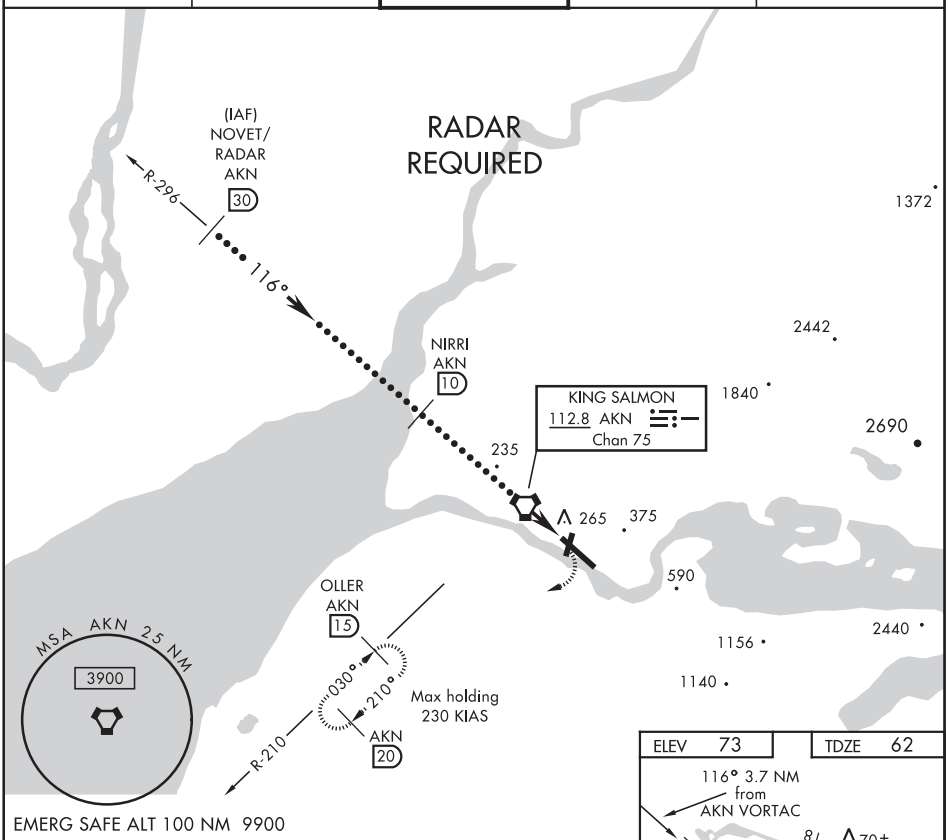
KING SALMON (PAKN)

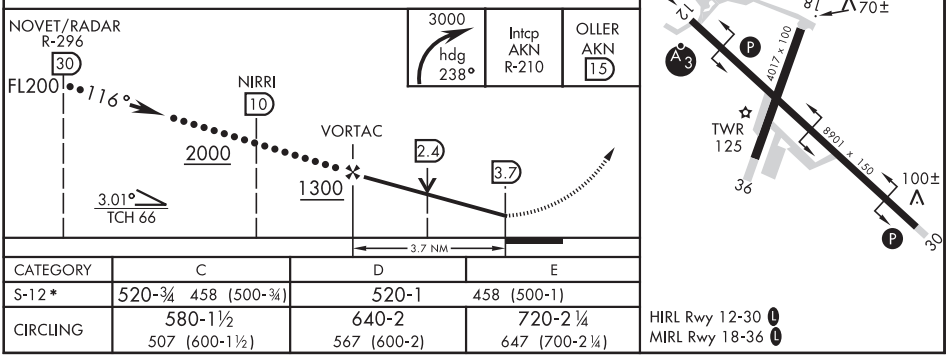
T A * When ALS inop, increase CAT E vis to 1½ miles.

SSALR A3

MISSED APPROACH: Climbing right turn to 3000 via heading 238° and AKN VORTAC R-210 to OLLER/15 DME and hold.

ATIS	ANCHORAGE CENTER	KING SALMON TOWER★	GND CON	CTAF
128.8	124.8 354.0	118.3 279.5	121.9	121.9 L 352.05





CATEGORY	C	D	E
S-12*	520-¾ 458 (500-¾)	520-1	458 (500-1)
CIRCLING	580-1½ 507 (600-1½)	640-2 567 (600-2)	720-2¼ 647 (700-2¼)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KING SALMON, ALASKA

HI-VOR/DME or TACAN RWY 30

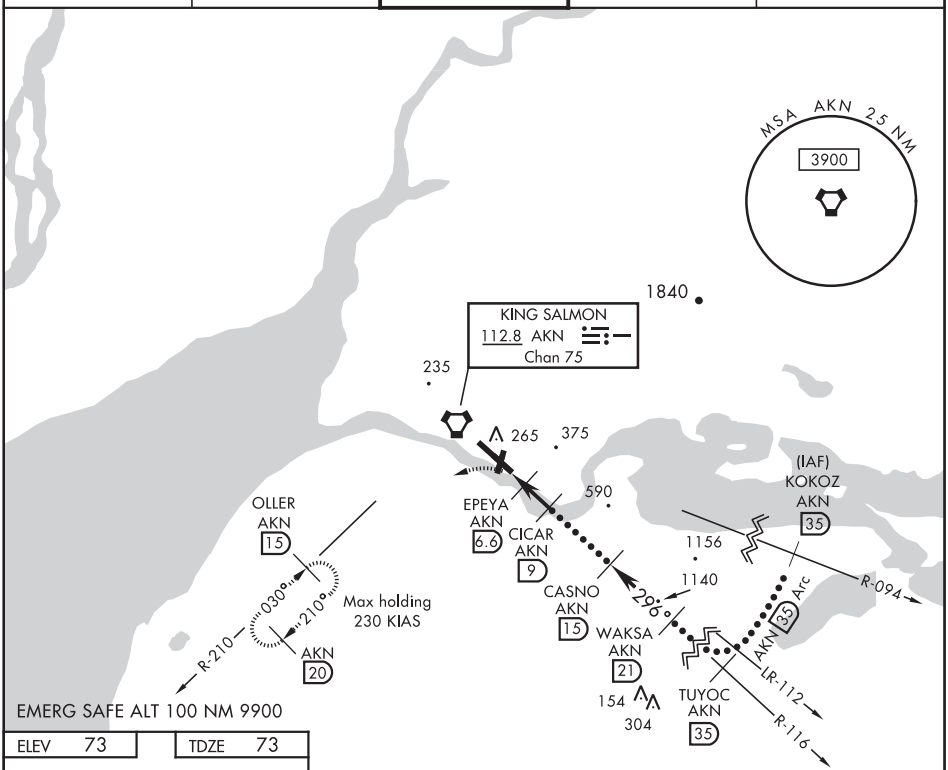
VORTAC AKN	APCH CRS	Rwy ldg	8901
112.8	296°	TDZE	73
Chan 75		Arpt Elev	73

JAL-1237 [USAF]

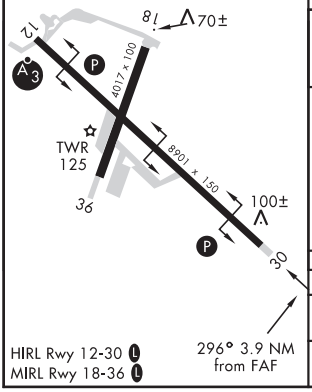
KING SALMON (PAKN)

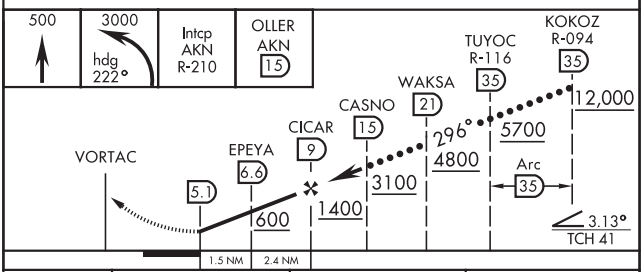
MISSED APPROACH: Climb to 500, then climbing left turn to 3000 via heading 222° and AKN VORTAC R-210 to OLLER/ AKN 15 DME and hold.

ATIS	ANCHORAGE CENTER	KING SALMON TOWER★	GND CON	CTAF
128.8	124.8 354.0	118.3 279.5	121.9	121.9 Ⓛ 352.05



ELEV	73	TDZE	73





CATEGORY	C	D	E
S-30	420-1 347 (400-1)	420-1¼	347 (400-1¼)
CIRCLING	580-1½ 507 (600-1½)	640-2 567 (600-2)	720-2¼ 647 (800-2¼)

KING SALMON, ALASKA 58°41′N-156°39′W KING SALMON (PAKN)

Amdt 4 19171

HI-VOR/DME or TACAN RWY 30

AK, 05 NOV 2020 to 31 DEC 2020

VORTAC AKN	APP CRS	Rwy ldg	8501
112.8	296°	TDZE	73
Chan 75		Apt Elev	73

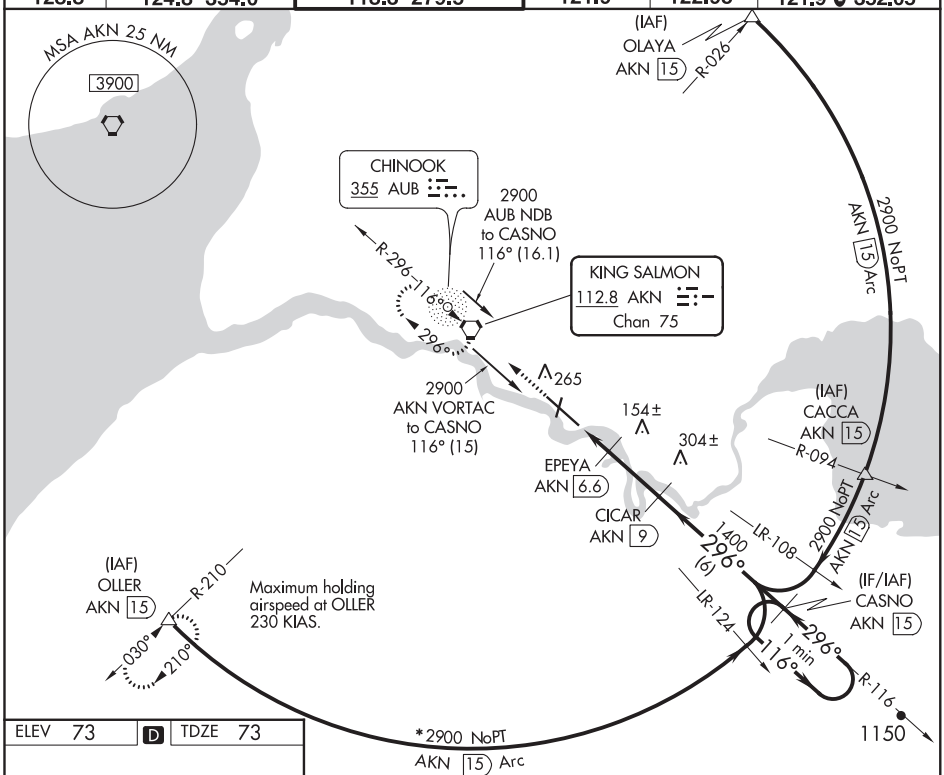
VOR/DME or TACAN RWY 30
KING SALMON (AKN)(PAKN)

Visibility reduction by helicopters NA.

-31°C

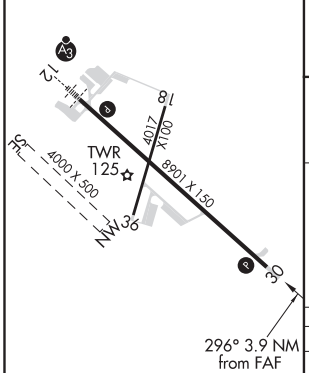
MISSED APPROACH: Climb to 3000 direct AKN VORTAC and hold, continue climb-in-hold to 3000. (TACAN AIRCRAFT: Climb to 500, then climbing left turn to 3000 via heading 222° and AKN VORTAC R-210 to OLLER/AKN 15 DME and hold SW, right turn, 030° inbound).

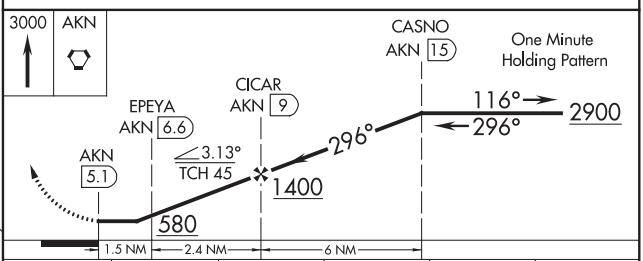
ATIS	ANCHORAGE CENTER	KING SALMON TOWER ★	GND CON	UNICOM	CTAF
128.8	124.8 354.0	118.3 279.5	121.9	122.95	121.9 L 352.05



* Terminal Route OLLER (IAF) to CASNO via 15 DME Arc NA for TACAN only equipped aircraft.

ELEV 73 D TDZE 73





CATEGORY	A	B	C	D	E
S-30	420-1 347 (400-1)			420-1¼ 347 (400-1¼)	
CIRCLING	580-1 507 (600-1)		580-1½ 507 (600-1½)	640-2 567 (600-2)	720-2¼ 647 (700-2¼)

MIRL Rwy 18-36 L
HIRL Rwy 12-30 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KING SALMON, ALASKA | AL-1237 (FAA) | 19227

VOR or TACAN RWY 12
KING SALMON (AKN)(PAKN)

VORTAC AKN	APP CRS	Rwy ldg	8501
112.8	116°	TDZE	62
Chan 75		Apt Elev	73

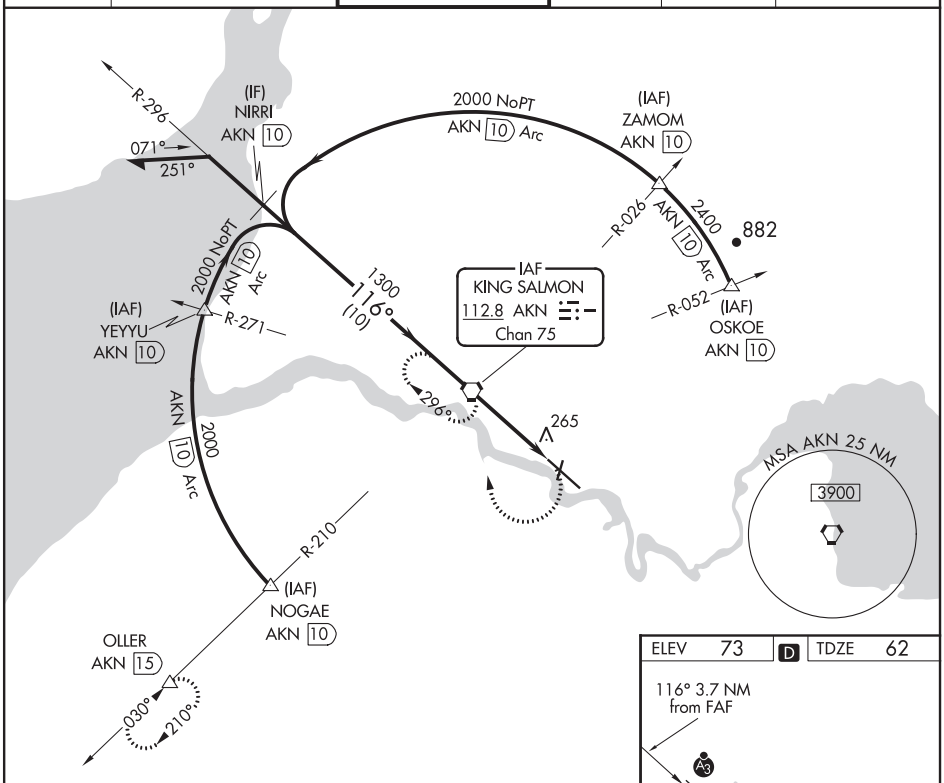
For inop ALSF, increase Cat E visibility to 1½ mile.

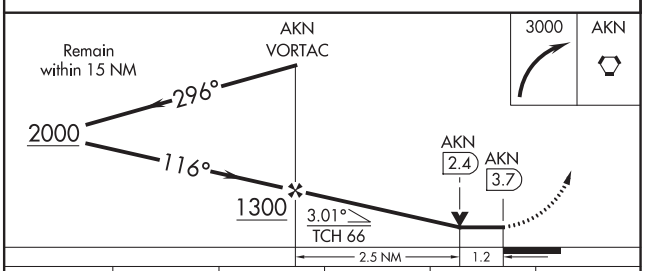
-31°C

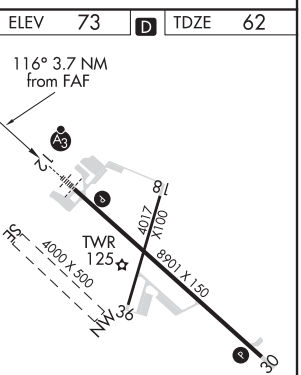
SSALR

MISSED APPROACH: Climbing right turn to 3000 direct AKN VORTAC and hold, continue climb-in-hold to 3000. (TACAN AIRCRAFT: Climbing right turn to 3000 via heading 238° and AKN VORTAC R-210 to OLLER 15 DME and hold SW, right turn, 030° inbound.)

ATIS	ANCHORAGE CENTER	KING SALMON TOWER★	GND CON	UNICOM	CTAF
128.8	124.8 354.0	118.3 279.5	121.9	122.95	121.9 L 352.05







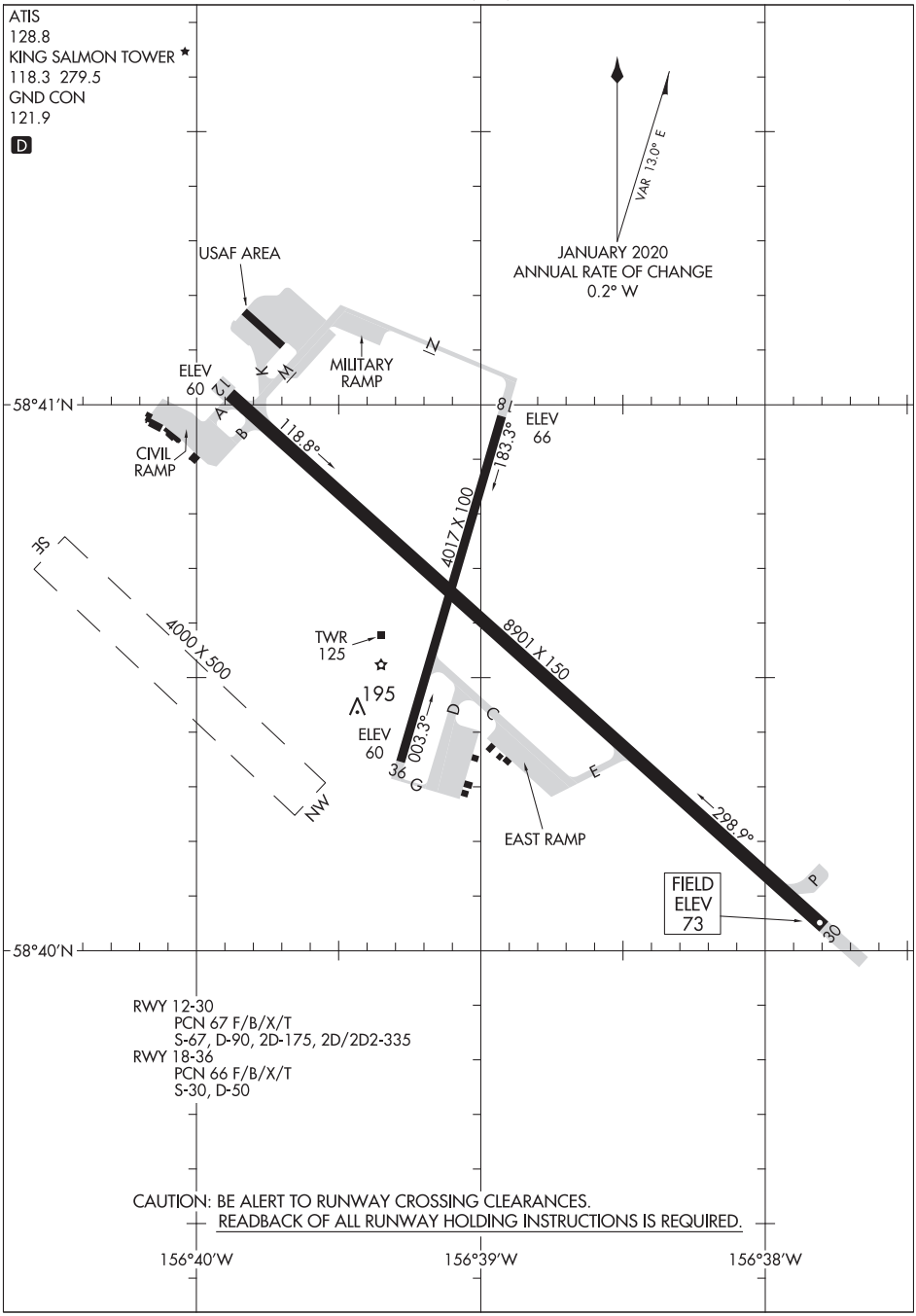
MIRL Rwy 18-36 L
HIRL Rwy 12-30 L

CATEGORY	A	B	C	D	E
S-12	520-½ 458 (500-½)		520-¾ 458 (500-¾)	520-1 458 (500-1)	
CIRCLING	580-1 507 (600-1)		580-1½ 507 (600-1½)	640-2 567 (600-2)	720-2¼ 647 (700-2¼)

FAF to MAP 3.7 NM					
Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020


ATIS
128.8
KING SALMON TOWER ★
118.3 279.5
GND CON
121.9
D
VAR 13.0° E
JANUARY 2020
ANNUAL RATE OF CHANGE
0.2° W
USAF AREA
MILITARY RAMP
ELEV 60
CIVIL RAMP
58°41′N
118.8°
183.3°
ELEV 66
4017 X 100
8901 X 150
4000 X 500
SE
NW
TWR 125
195
ELEV 60
003.3°
EAST RAMP
298.9°
FIELD ELEV 73
58°40′N
RWY 12-30
PCN 67 F/B/X/T
S-67, D-90, 2D-175, 2D/2D2-335
RWY 18-36
PCN 66 F/B/X/T
S-30, D-50
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
156°40′W
156°39′W
156°38′W

KIPNUK, ALASKA | AL-9464 (FAA) | 18032

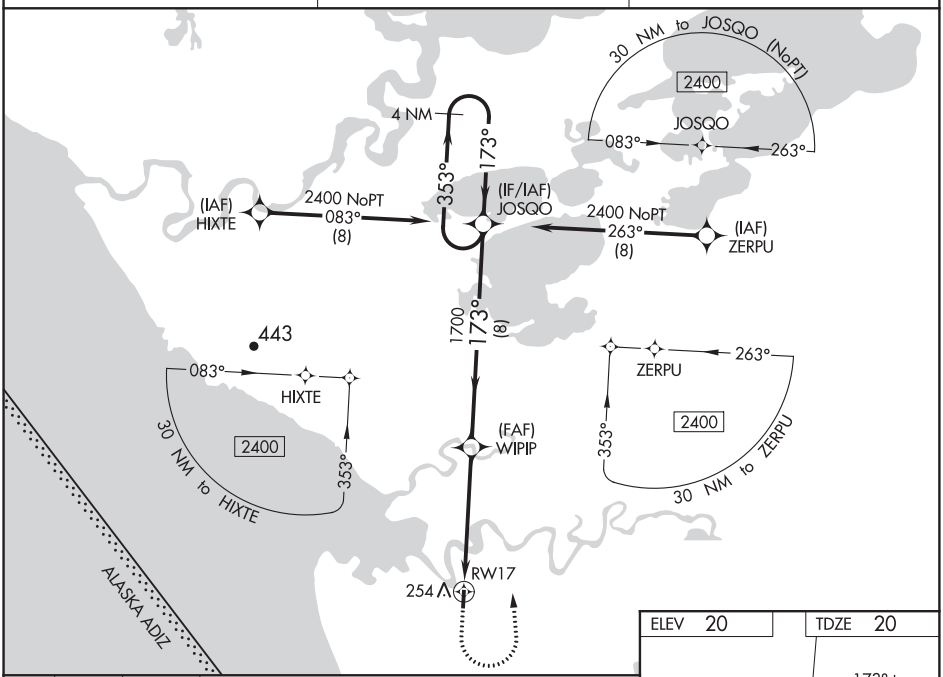
RNAV (GPS) RWY 17
KIPNUK (IIK) (PAKI)

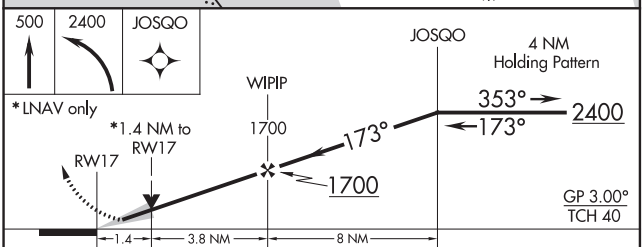
WAAS CH 87033 W17A	APP CRS 173°	Rwy ldg 3200 TDZE 20 Apt Elev 20

T A Baro-VNAV NA when using Toksook Bay altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Procedure NA at night. VDP NA when using Toksook Bay altimeter setting. When local altimeter setting not received use Toksook Bay altimeter setting: increase LPV DA to 389 feet and visibility all Cats ¼ SM. Increase LNAV/VNAV DA to 553 feet and visibility all Cats ½ SM. Increase all MDA 120 feet. Increase LNAV Cat C and D visibility to 1¾ SM, Circling Cat C to 2 SM, Cat D to 2¼ SM.

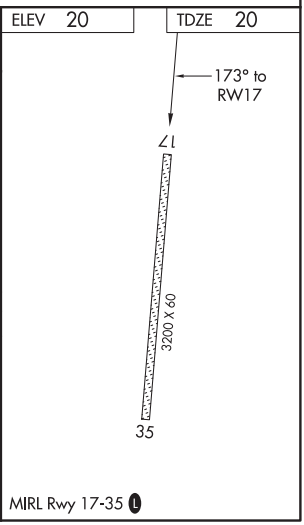
MISSED APPROACH: Climb to 500 then climbing left turn to 2400 direct JOSQO and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
118.325	125.2 372.0	122.7 L





CATEGORY	A	B	C	D
LPV DA	270-1 250 (300-1)			
LNAV/VNAV DA	434-1⅜ 414 (500-1⅜)			
LNAV MDA	520-1 500 (500-1)		520-1⅜ 500 (500-1⅜)	
C CIRCLING	580-1 560 (600-1)		580-1½ 560 (600-1½)	580-2 560 (600-2)



KIPNUK, ALASKA
Orig 01FEB18

59°56′N-164°02′W

KIPNUK (IIK) (PAKI)
RNAV (GPS) RWY 17

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

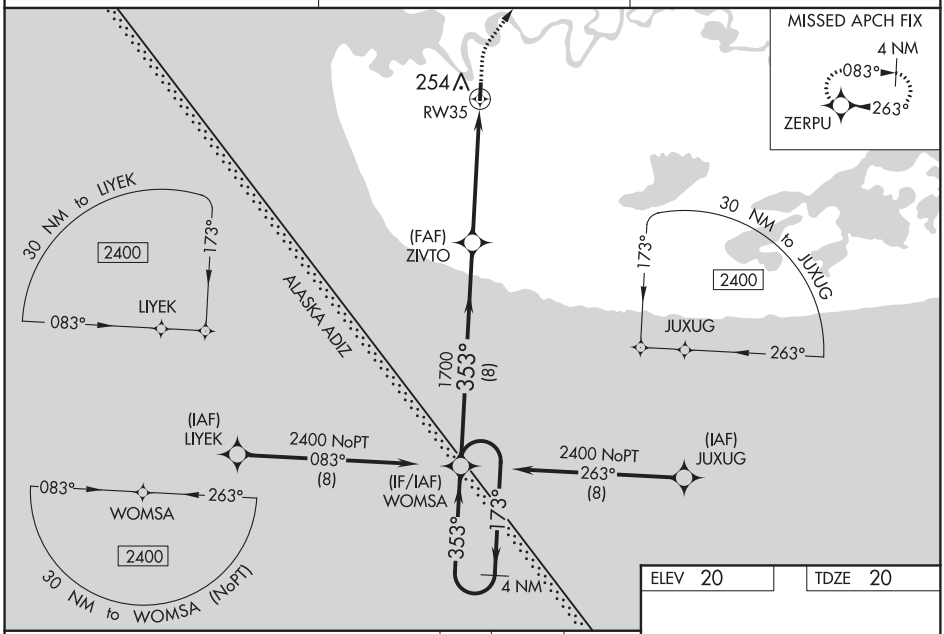
WAAS CH 93833 W35A	APP CRS 353°	Rwy ldg 3200 TDZE 20 Apt Elev 20

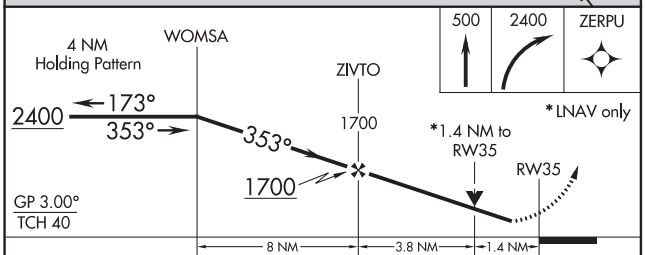
RNAV (GPS) RWY 35
KIPNUK (IIK) (PAKI)

Baro-VNAV NA when using Toksook Bay altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA. Procedure NA at night. VDP NA when using Toksook Bay altimeter setting. When local altimeter setting is not received use Toksook Bay altimeter setting: increase LPV DA to 389 feet and visibility all Cats ¼ SM. Increase LNAV/VNAV DA to 465 and visibility all Cats ⅜ SM. Increase all MDA 120 feet. Increase LNAV Cat C and D visibility to 1¾ SM, Circling Cat C to 2 SM, Cat D to 2¼ SM.

MISSED APPROACH: Climb to 500 then climbing right turn to 2400 direct ZERPU and hold.

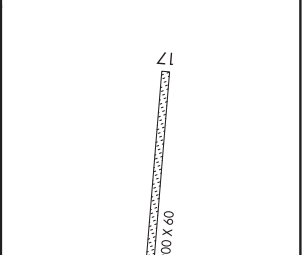
AWOS-3P	ANCHORAGE CENTER	CTAF
118.325	125.2 372.0	122.7 L





CATEGORY	A	B	C	D
LPV DA	270-1 250 (300-1)			
LNAV/VNAV DA	346-1⅛ 326 (400-1⅛)			
LNAV MDA	520-1 500 (500-1)		520-1⅜ 500 (500-1⅜)	
C CIRCLING	580-1 560 (600-1)		580-1½ 560 (600-1½)	580-2 560 (600-2)

ELEV 20 TDZE 20



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KIVALINA, ALASKA | AL-10159 (FAA) | 19339

RNAV (GPS) RWY 12
KIVALINA (KVL)(PAVL)

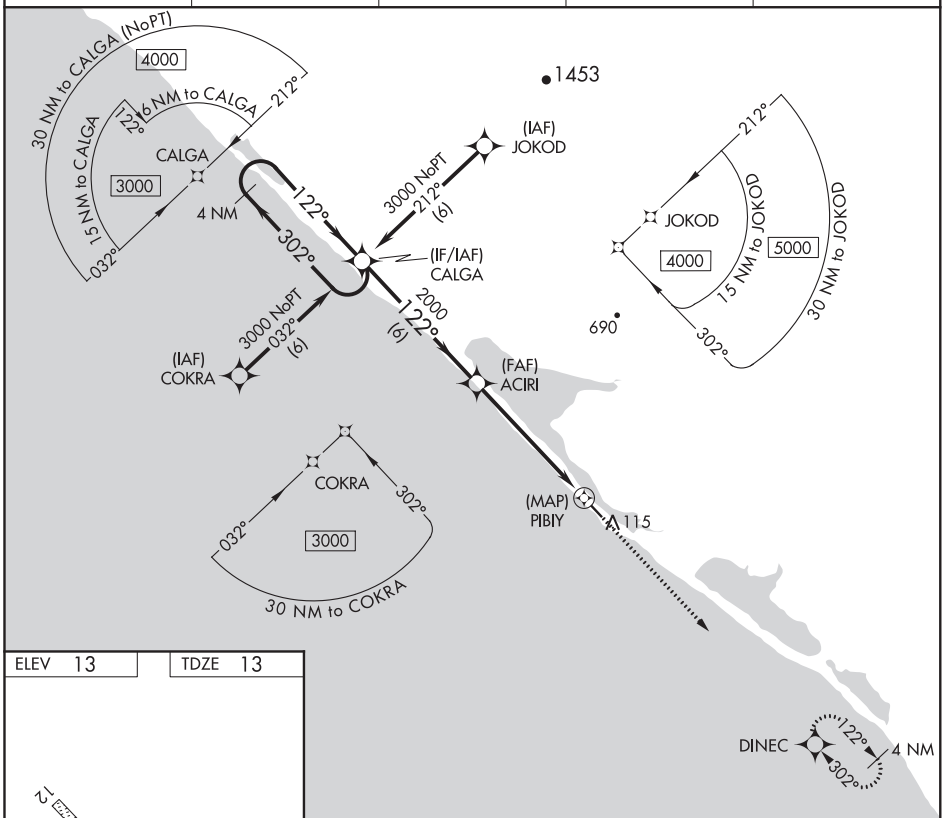
APP CRS	Rwy ldg	3000
122°	TDZE	13
	Apt Elev	13

T A -34°C

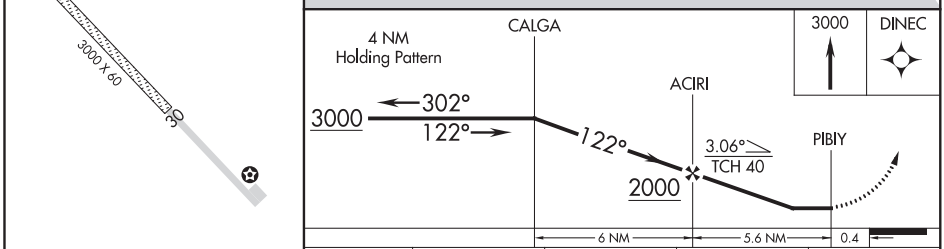
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Noatak altimeter setting and increase all MDA 340 feet and Cat C visibility ¾ mile.

MISSED APPROACH: Climb to 3000 direct DINEC and hold.

ASOS	WTK/PAWN AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	UNICOM
135.8	135.75	119.2 263.0	122.55	122.8 (CTAF) L



ELEV 13 | TDZE 13



CATEGORY	A	B	C	D
LNAV MDA	340-1 327 (400-1)			NA
CIRCLING	440-1 427 (500-1)	480-1 467 (500-1)	480-1½ 467 (500-1½)	NA

MIRL Rwy 12-30 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	3000
302°	TDZE	13
	Apt Elev	13

RNAV (GPS) RWY 30
KIVALINA (KVL)(PAVL)

-34°C

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Noatak altimeter setting and increase all MDA 340 feet and LNAV Cat C visibility 1 mile and Circling Cat C visibility ¾ mile. VDP NA when using Noatak altimeter setting.

MISSED APPROACH: Climb to 3000 direct CALGA and hold.

ASOS	WTK/PAWN AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	UNICOM
135.8	135.75	119.2 263.0	122.55	122.8 (CTAF) L

AK, 05 NOV 2020 to 31 DEC 2020

1456
4 NM
122°
302°
CALGA
690
30 NM to ZADUS
5000
15 NM to ZADUS
4000
122°
213°
ZADUS
(MAP)
WOTKO
115
(FAF)
BAYAR
(IAF)
ZADUS
3000 NoPT
213°
(6)
1700
302°
(6)
30 NM to WULSI
122°
4000
WULSI
032°
122°
302°
4 NM
213°
4500
6 NM to DINEC
3000 NoPT
032°
(6)
(IF/IAF)
DINEC
DINEC
3000
(IAF)
WULSI
032°
15 NM to DINEC
302°
4000
30 NM to DINEC (NoPT)

ELEV 13 TDZE 13

12
3000 X 60
30
302° to WOTKO

MIRL Rwy 12-30 L

3000 CALGA

DINEC
4 NM
Holding Pattern
BAYAR
122°
3000
302°
302°
0.6 NM to WOTKO
3.00°
TCH 40
WOTKO
1700
0.4 0.6 4.2 NM 6 NM

CATEGORY	A	B	C	D
LNAV MDA	380-1 367 (400-1)			NA
CIRCLING	440-1 427 (500-1)	480-1 467 (500-1)	480-1½ 467 (500-1½)	NA

KLAWOCK, ALASKA | AL-9230 (FAA) | 20198

RNAV (GPS) RWY 20
KLAWOCK (AKW) (PAKW)

APP CRS	Rwy ldg	5000
216°	TDZE	80
	Apt Elev	80

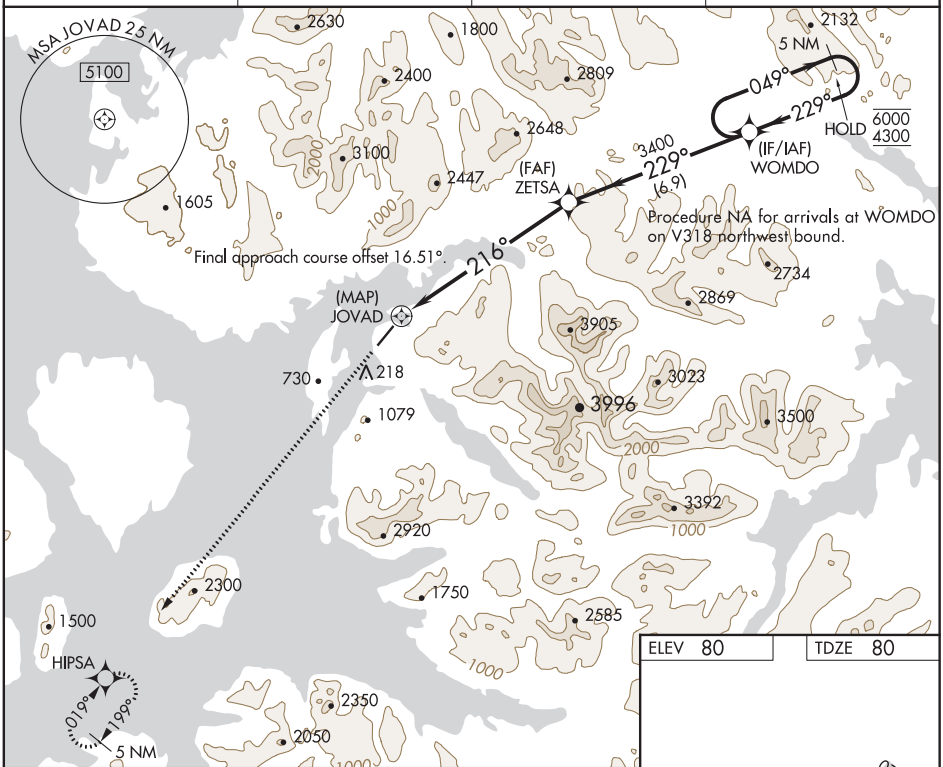
RNP APCH.

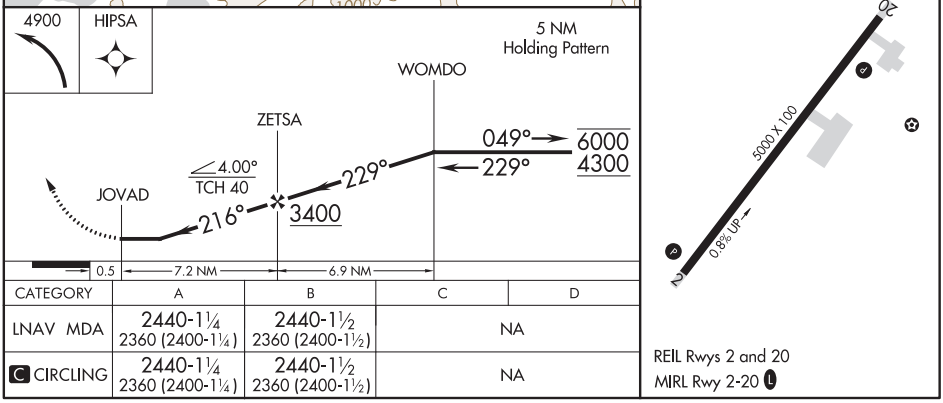
T A ❄ -10°C

Rwy 20 helicopter visibility reduction below 1 SM NA. Circling NA east of Rwy 2-20. Procedure NA at night.

MISSED APPROACH: Climbing left turn to 4900 direct HIPSA and hold.

ASOS	ANCHORAGE CENTER	KETCHIKAN RADIO	CTAF
135.45	118.5 284.6	122.25 L	120.9





CATEGORY	A	B	C	D
LNAV MDA	2440-1¼ 2360 (2400-1¼)	2440-1½ 2360 (2400-1½)	NA	
C CIRCLING	2440-1¼ 2360 (2400-1¼)	2440-1½ 2360 (2400-1½)	NA	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	5000
024°	TDZE	57
	Apt Elev	80

RNAV (GPS) Y RWY 2
KLAWOCK (AKW) (PAKW)

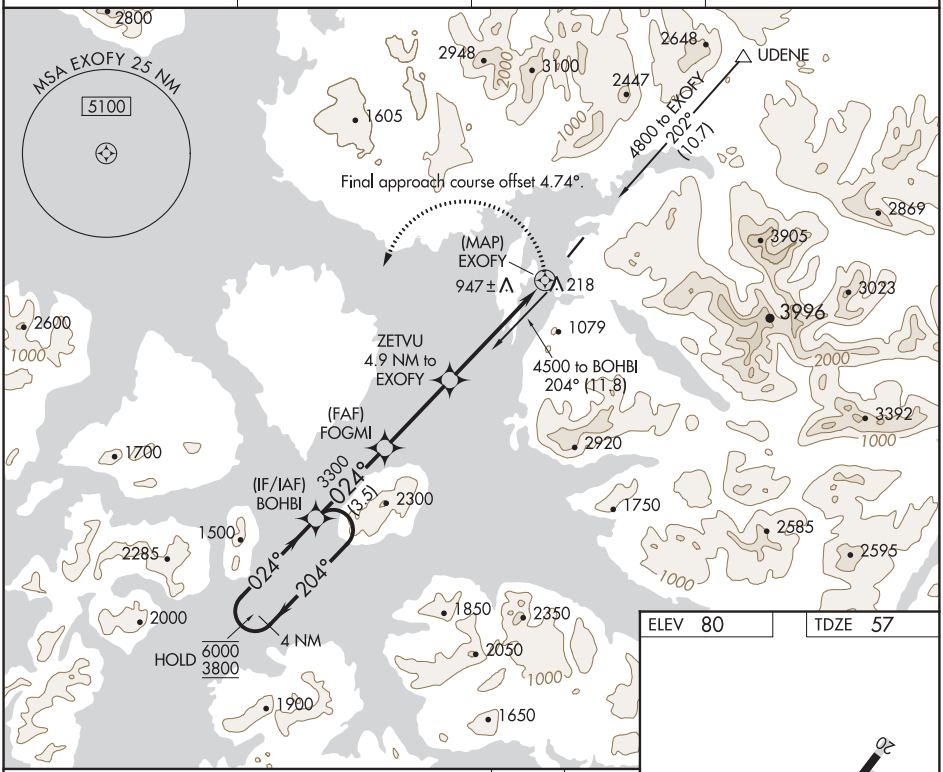
RNP APCH.

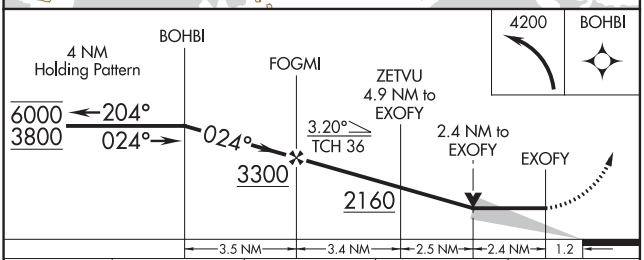
Circling to Rwy 20 NA at night.
Circling NA east of Rwy 2-20.

-10°C

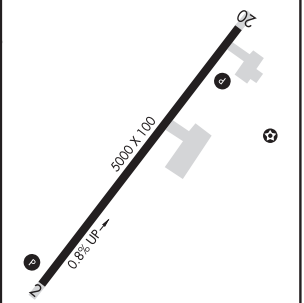
MISSED APPROACH: (Do not exceed 165K until BOHBI)
Climbing left turn to 4200 direct BOHBI and hold, continue climb-in-hold to 4200.

ASOS	ANCHORAGE CENTER	KETCHIKAN RADIO	CTAF
135.45	118.5 284.6	122.25 L	120.9





ELEV 80 TDZE 57



REIL Rwys 2 and 20
MIRL Rwy 2-20 L

CATEGORY	A	B	C	D
LNAV MDA	1220-1½ 1163 (1200-1½)		1220-3 1163 (1200-3)	NA
C CIRCLING	1220-1½ 1140 (1200-1½)		1300-3 1220 (1300-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KLAWOCK, ALASKA | AL-9230 (FAA) | 20310

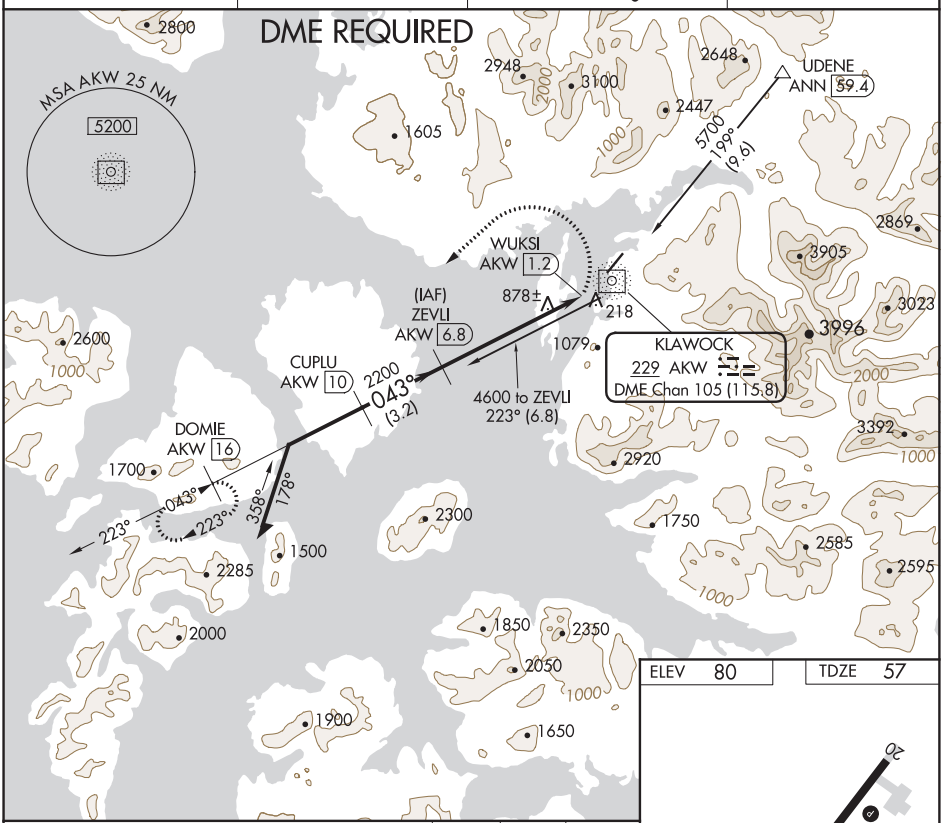
NDB/DME AKW 229 Chan 105 (115.8)	APP CRS 043°	Rwy ldg 5000 TDZE 57 Apt Elev 80

NDB/DME RWY 2
KLAWOCK (AKW) (PAKW)

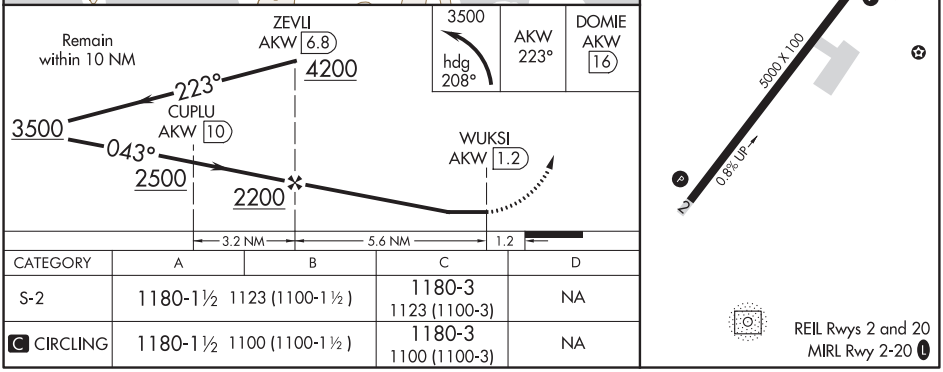
Circling NA east of Rwy 2-20. -10°C

MISSED APPROACH: Climbing left turn to 3500 on heading 208° and AKW NDB/DME bearing 223° to DOMIE/16 DME and hold.

ASOS	ANCHORAGE CENTER	KETCHIKAN RADIO	CTAF
135.45	118.5 284.6	122.25 L	120.9



ELEV	80	TDZE	57

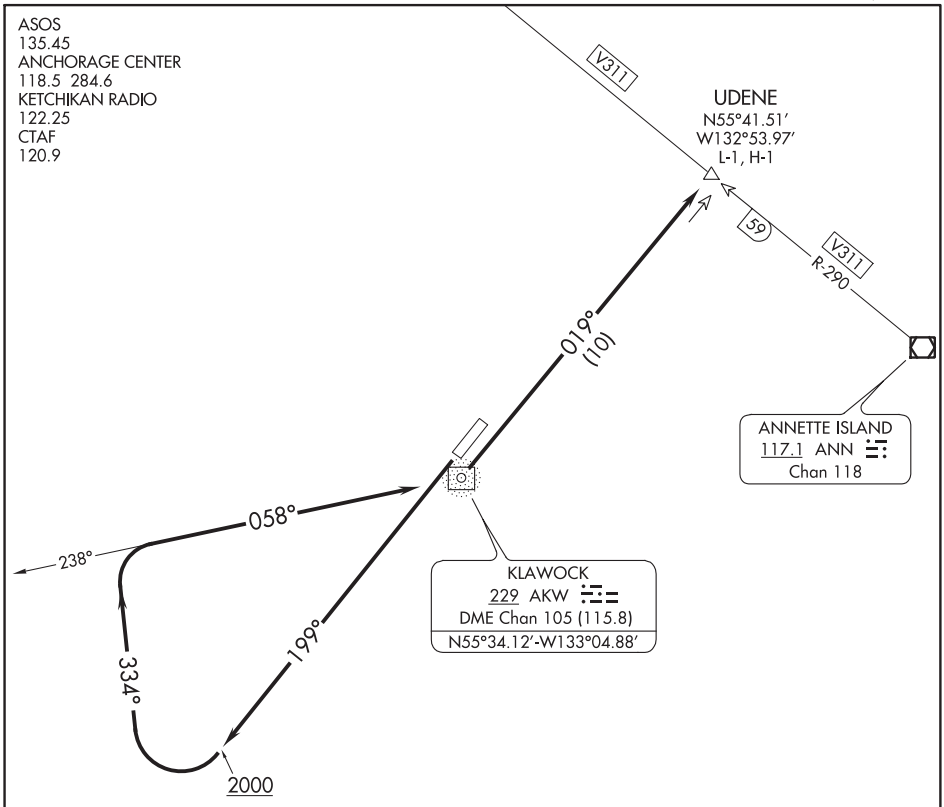


CATEGORY	A	B	C	D
S-2	1180-1½ 1123 (1100-1½)		1180-3 1123 (1100-3)	NA
C CIRCLING	1180-1½ 1100 (1100-1½)		1180-3 1100 (1100-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KLAWOCK TWO DEPARTURE (OBSTACLE)



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

TAKEOFF MINIMUMS
Rwy 2: NA - Obstacles.
Rwy 20: Standard with a minimum climb of 427′ per NM to 1500.

TAKEOFF OBSTACLE NOTE
Rwy 20: Trees 5964′ from DER, 1369′ left of centerline, up to 158′ AGL/357′ MSL.

NOTE: DME required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

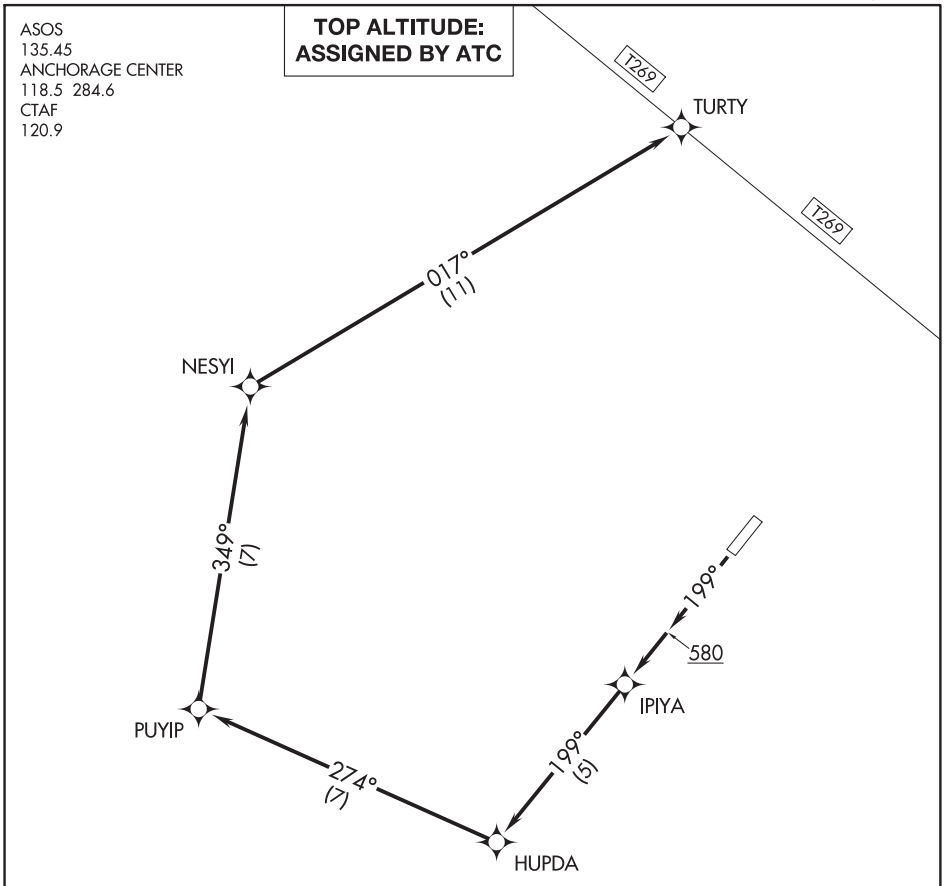
TAKEOFF RUNWAY 20: Climb heading 199° to 2000, then climbing right turn to 6000 on heading 334° to intercept bearing 238° from AKW NDB/DME to AKW NDB/DME, then on bearing 019° to UDENE INT/ANN 59 DME.

(TURTY4.TURTY) 18032

TURTY FOUR DEPARTURE (RNAV)

KLAWOCK (AKW)(PAKW)
KLAWOCK, ALASKA

AL-9230 (FAA)



NOTE: RNAV 1.

NOTE: GPS required.

TAKEOFF MINIMUMS

Rwy 2: NA- Obstacles.

Rwy 20: Standard with a minimum climb of 427′ per NM to 2500.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 20: Climb heading 199° to 580, then climb to 6000 direct IPIYA and on depicted route to TURTY, thence . . . .

. . . . maintain ATC assigned altitude. Expect clearance to filed altitude 10 minutes after departure.

APP CRS	Rwy ldg	4020
080°	TDZE	137
	Apt Elev	137

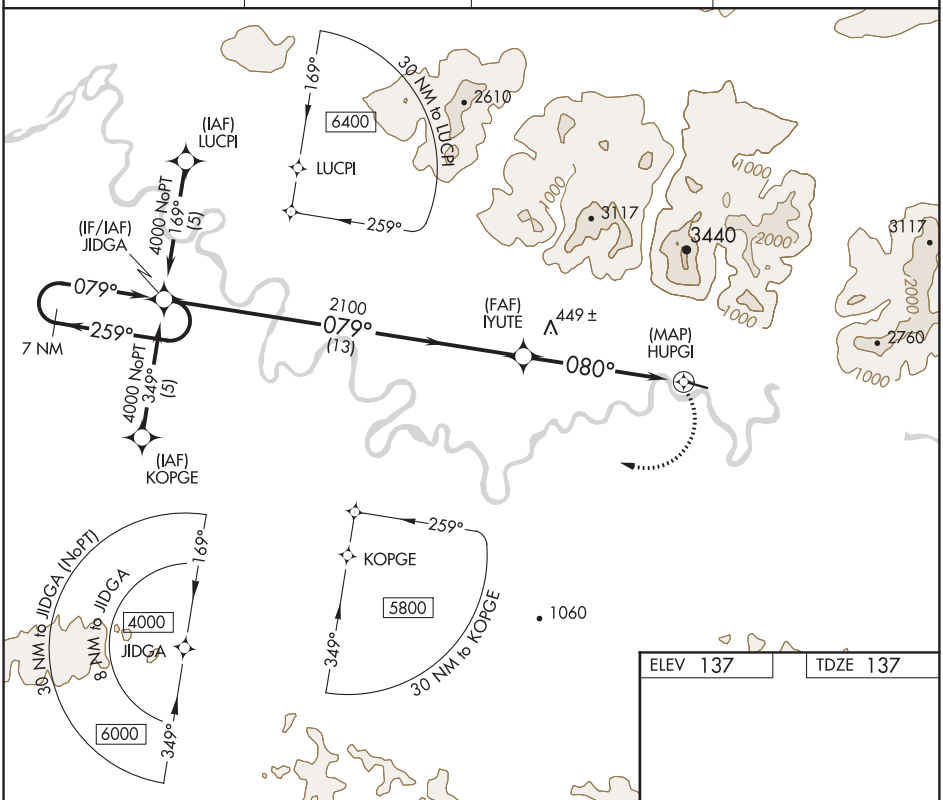
RNAV (GPS) RWY 9
KOBUK (OBU) (PAOB)

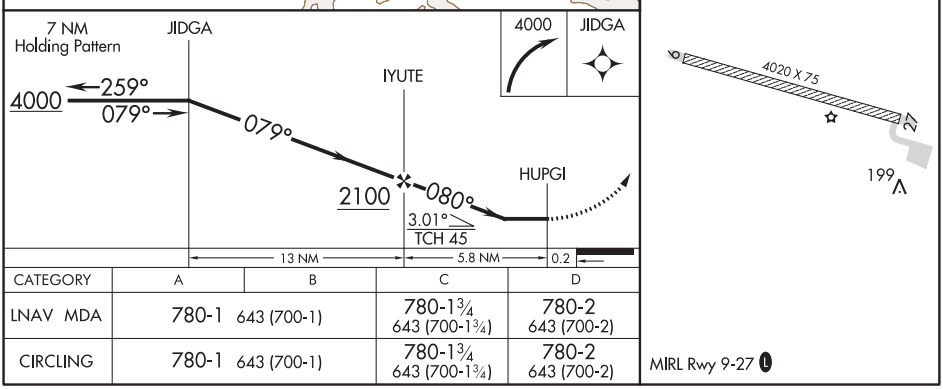
T
A NA

Use Ambler altimeter setting. Circling NA north of Rwy 9-27.
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climbing right turn to 4000 direct JIDGA and hold.

AFM/PAFM AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
132.1	119.2 263.0	122.0	122.7 L





CATEGORY	A	B	C	D
LNAV MDA	780-1 643 (700-1)		780-1¾ 643 (700-1¾)	780-2 643 (700-2)
CIRCLING	780-1 643 (700-1)		780-1¾ 643 (700-1¾)	780-2 643 (700-2)

MIRL Rwy 9-27 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KOBUK, ALASKA | AL-10304 (FAA) | 19339

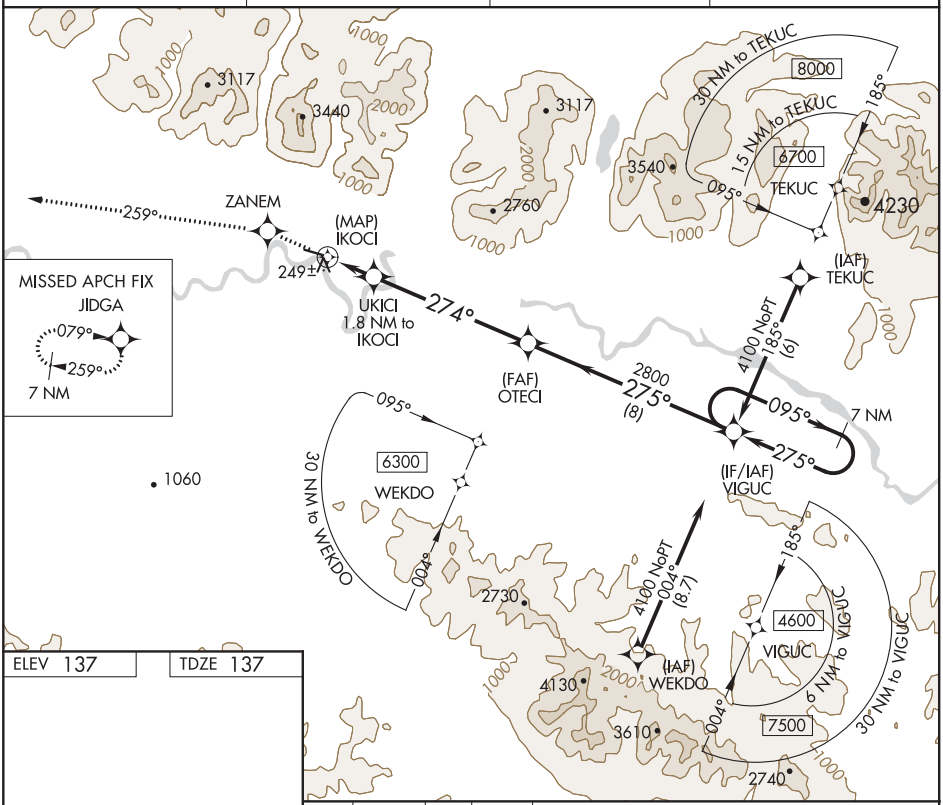
APP CRS	Rwy ldg	4020
274°	TDZE	137
	Apt Elev	137

RNAV (GPS) RWY 27
KOBUK (OBU) (PAOB)

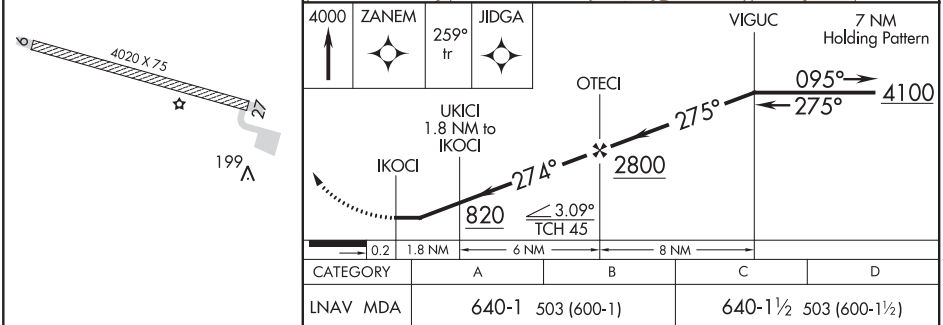
Use Ambler altimeter setting. Circling NA north of Rwy 9-27. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 4000 direct ZANEM and via 259° track to JIDGA and hold.

AFM/PAFM AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
132.1	119.2 263.0	122.0	122.7 L



ELEV 137 | TDZE 137



CATEGORY	A	B	C	D
LNAV MDA	640-1 503 (600-1)		640-1½ 503 (600-1½)	
CIRCLING	700-1 563 (600-1)		700-1½ 563 (600-1½)	740-2 603 (700-2)

MIRL Rwy 9-27 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC/DME I-ADQ 110.9 Chan 46	APP CRS 258°	Rwy ldg 7534 TDZE 32 Apt Elev 79

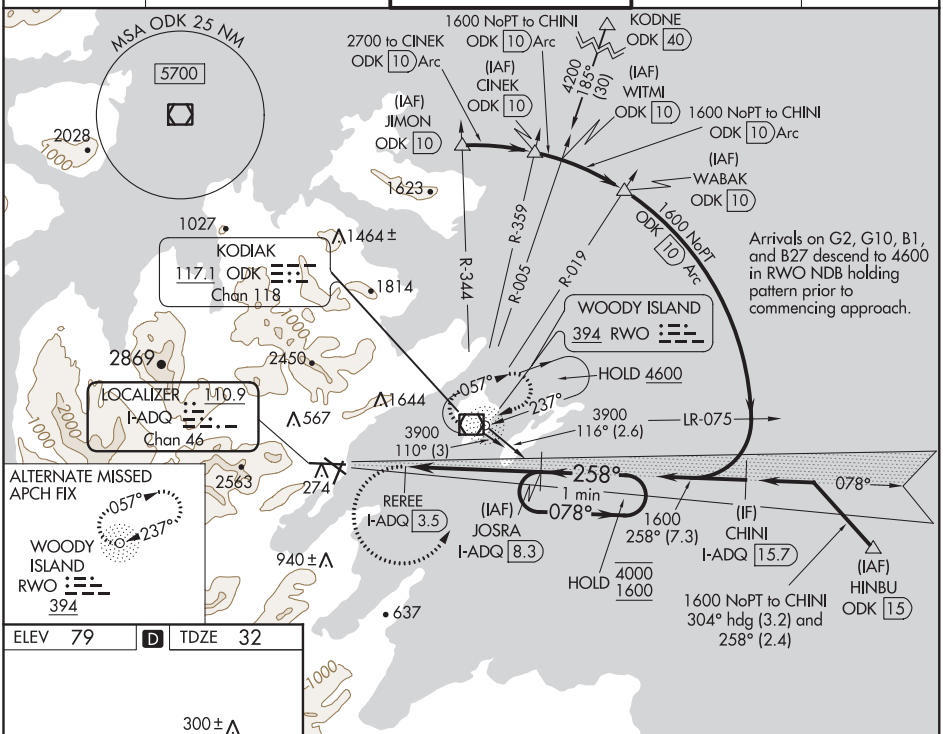
ILS Y or LOC Y RWY 26
KODIAK (ADQ)(PADQ)

DME required.

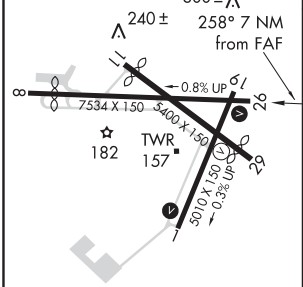
Circling NA north of Rwy 8-26 and west of Rwy 1-19. Circling Rwy 1 NA at night.
Circling NA to Rwys 8, 11 and 19. Rapidly rising terrain north, west, and south of airport. ILS unusable from 2 DME inbound.

MISSED APPROACH: Climbing left turn to 3900 on heading 079° then direct ODK VOR/DME and hold.

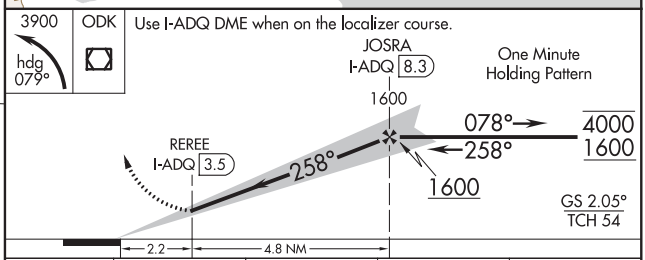
ATIS	ANCHORAGE CENTER	KODIAK TOWER *	GND CON	UNICOM
134.45	125.1 281.4	119.8 (CTAF) L 239.0	121.9	122.8



ELEV 79 | D | TDZE 32



3900	ODK	Use I-ADQ DME when on the localizer course.
hdg 079°		



CATEGORY	A	B	C	D
S-ILS 26	636-3 604 (600-3)			818-3 786 (800-3)
S-LOC 26	640-2½ 608 (600-2½)			1060-3 1028 (1000-3)
C CIRCLING	660-2½ 581 (600-2½)	720-2½ 641 (700-2½)	1140-3 1061 (1100-3)	NA

REIL Rwys 1 and 26 L
HIRL Rwys 1-19, 8-26, and 11-29 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

KODIAK, ALASKA | AL-1238 (FAA) | 20030

RNAV (GPS) RWY 26

KODIAK (ADQ)(PADQ)

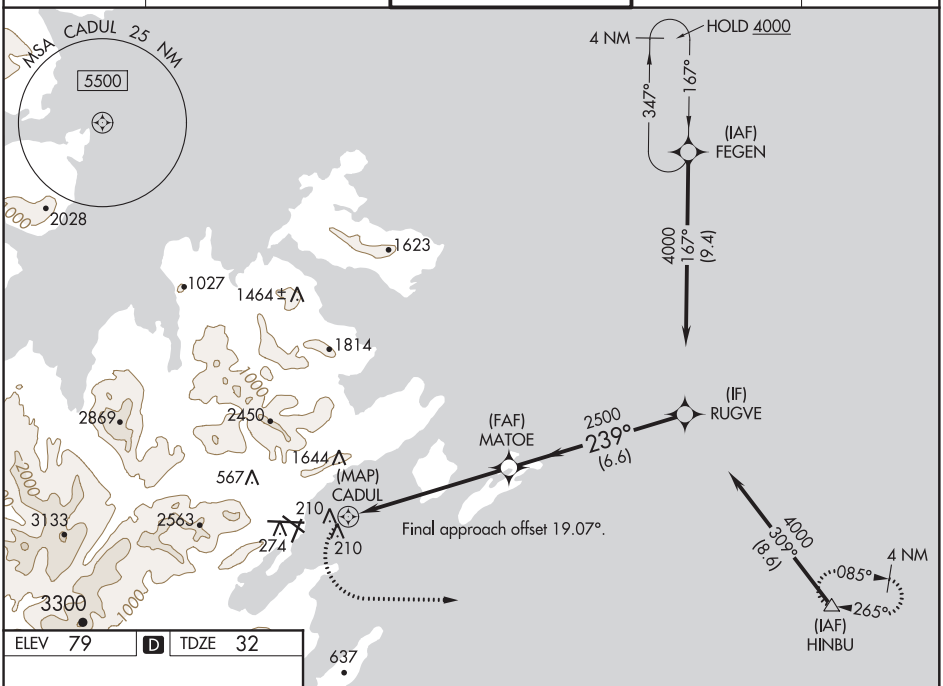
WAAS CH 93941 W26A	APP CRS 239°	Rwy ldg 7534 TDZE 32 Apt Elev 79

RNP APCH.

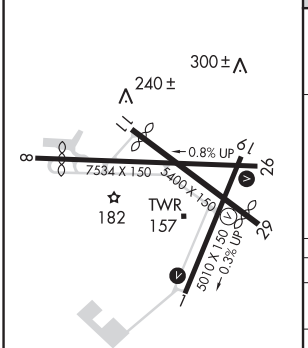
Circling NA north of Rwy 8-26 and west of Rwy 1-19.
Procedure NA at night. Circling to Rwy 8, 11 and 19 NA.
Rapidly rising terrain north, west, and south of airport.

MISSED APPROACH: (Do not exceed 210K until HINBU)
Climbing left turn to 4000 direct HINBU and hold, continue climb-in-hold to 4000. *Missed approach requires minimum climb of 357 feet per NM to 1500.

ATIS	ANCHORAGE CENTER	KODIAK TOWER*	GND CON	UNICOM
134.45	125.1 281.4	119.8 (CTAF) L 239.0	121.9	122.8



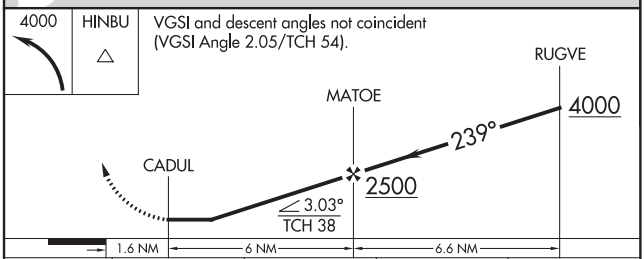
ELEV 79 | D | TDZE 32



REIL Rwys 1 and 26 L
HIRL Rwys 1-19, 8-26, and 11-29 L

4000 | HINBU

VGSI and descent angles not coincident
(VGSI Angle 2.05/TCH 54).



CATEGORY	A	B	C	D
LP MDA	560-1⅞ 528 (500-1⅞)			
LNAV MDA*	560-1⅞ 528 (500-1⅞)			
LNAV MDA	940-1⅞ 908 (900-1⅞)		940-2½ 908 (900-2½)	
C CIRCLING	940-1⅞ 861 (900-1⅞)		1140-3 1060 (1100-3)	2020-3 1941 (2000-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

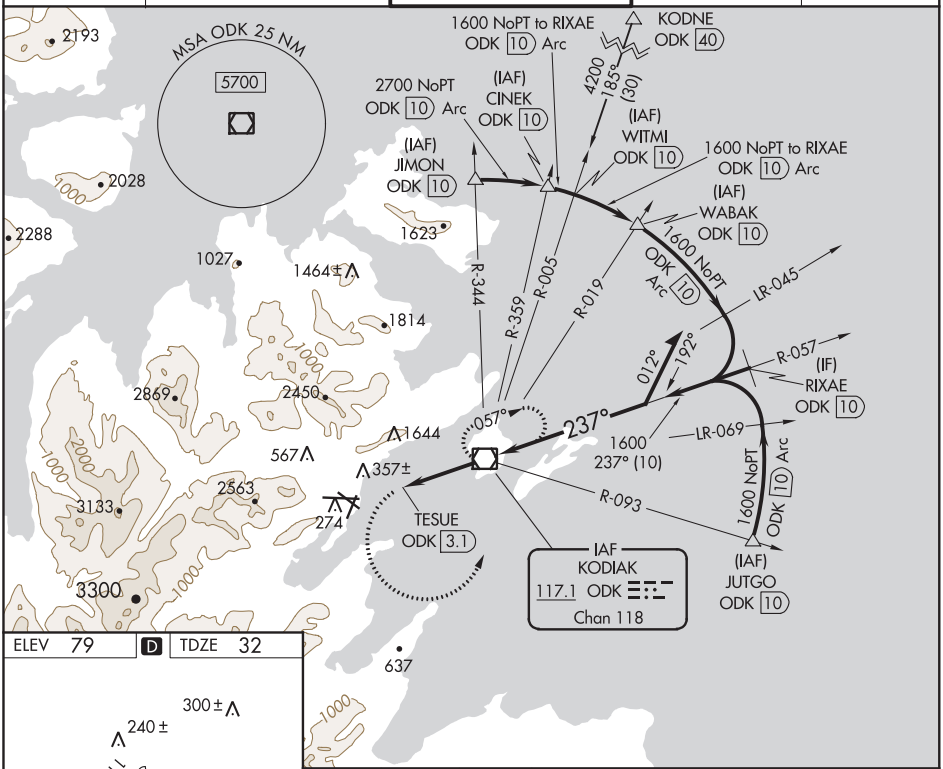
VOR/DME ODK 117.1 Chan 118	APP CRS 237°	Rwy ldg 7534 TDZE 32 Apt Elev 79

VOR RWY 26
KODIAK (ADQ)(PADQ)

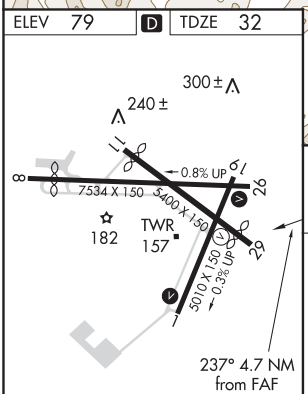
Circling NA north of Rwy 8-26 and west of Rwy 1-19.
Circling Rwy 1 NA at night. Circling NA to Rwys 8, 11 and 19.
Rapidly rising terrain north, west, and south of airport.

MISSED APPROACH: Climbing left turn to 3700 on heading 079° then left turn direct ODK VOR/DME and hold.

ATIS	ANCHORAGE CENTER	KODIAK TOWER*	GND CON	UNICOM
134.45	125.1 281.4	119.8 (CTAF) L 239.0	121.9	122.8

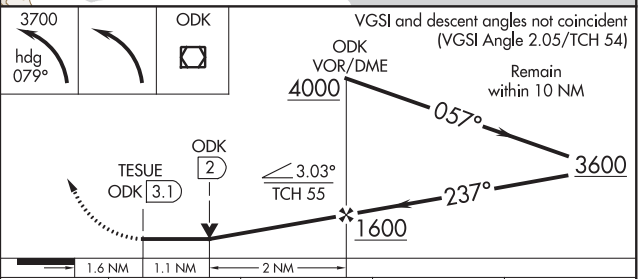


ELEV 79	D	TDZE 32



REIL Rwys 1 and 26 L
HIRL Rwys 1-19, 8-26, and 11-29 L

FAF to MAP 3.1 NM					
Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02



CATEGORY	A	B	C	D
S-26	660-2 628 (600-2)			
C CIRCLING	660-2 581 (600-2)	720-2 641 (700-2)	1140-3 1061 (1100-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

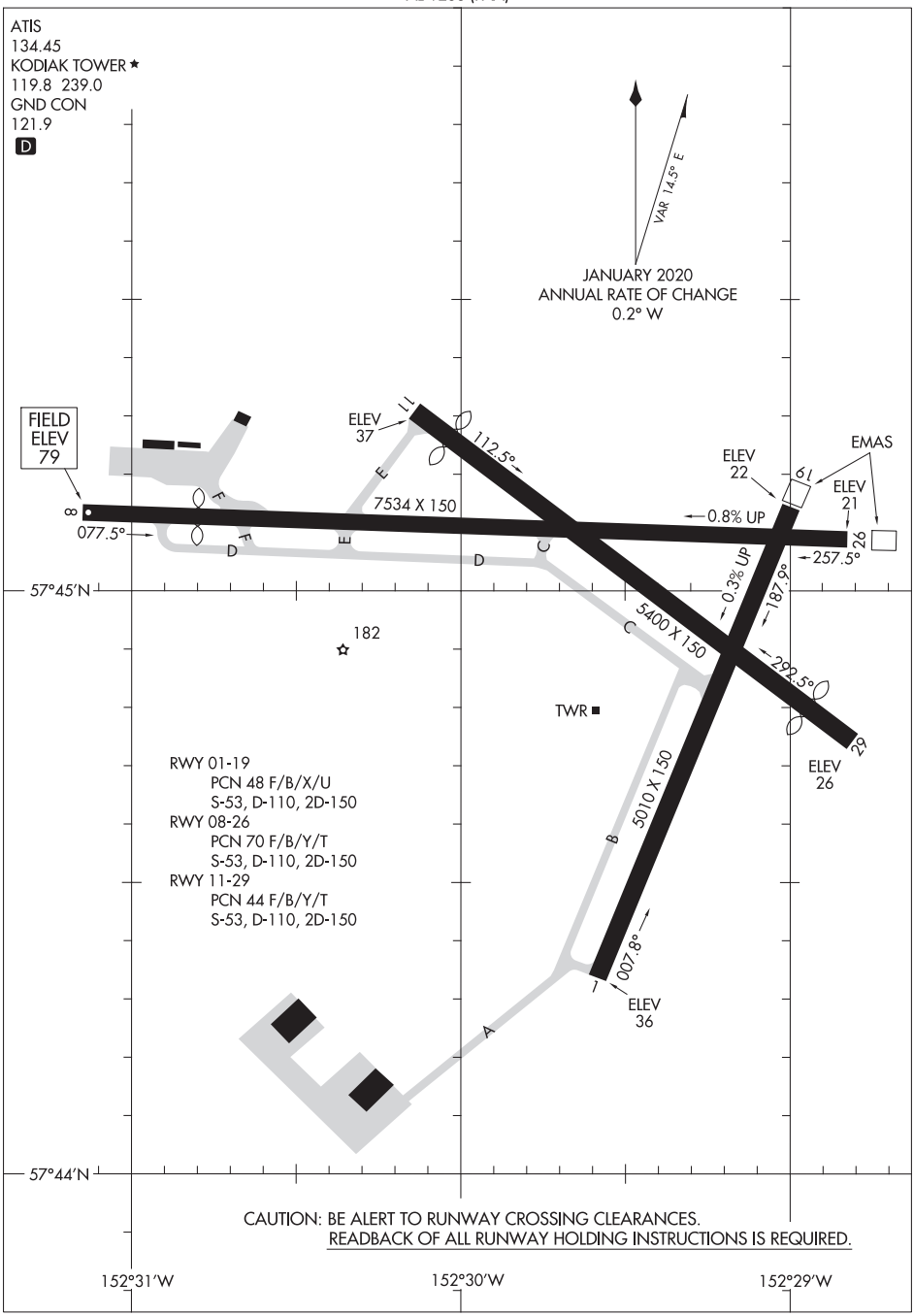
AK, 05 NOV 2020 to 31 DEC 2020

20086

AIRPORT DIAGRAM

KODIAK (ADQ)(PADQ)
KODIAK, ALASKA

AL-1238 (FAA)



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

AIRPORT DIAGRAM
20086
KODIAK, ALASKA
KODIAK (ADQ)(PADQ)

KODIAK SEVEN DEPARTURE (OBSTACLE)

TAKEOFF MINIMUMS:

Rwy 26: NA - Terrain.

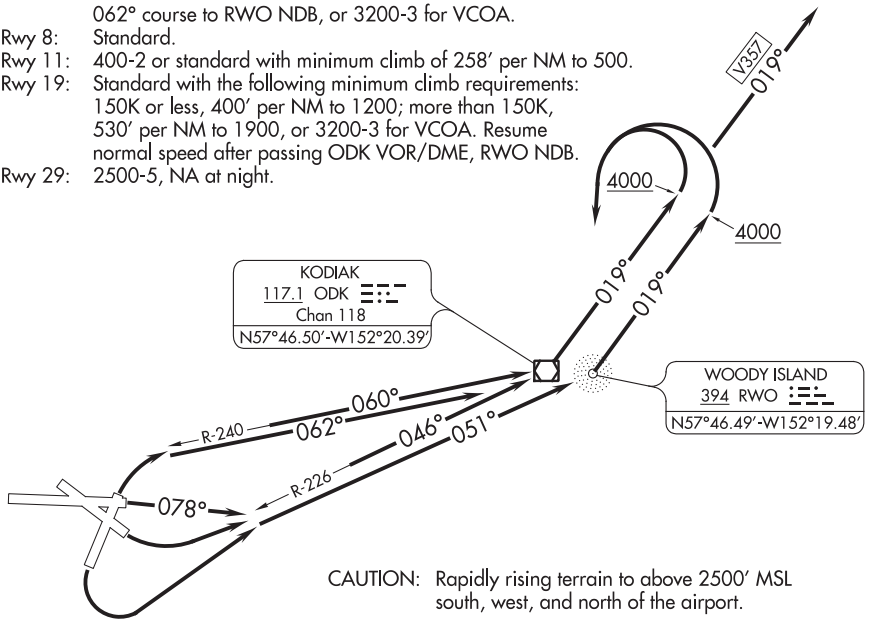
Rwy 1: 1100-2 with a minimum climb of 445′ per NM to 400, maintain 210K or less until established on the ODK R-240 or 062° course to RWO NDB, or 3200-3 for VCOA.

Rwy 8: Standard.

Rwy 11: 400-2 or standard with minimum climb of 258′ per NM to 500.

Rwy 19: Standard with the following minimum climb requirements: 150K or less, 400′ per NM to 1200; more than 150K, 530′ per NM to 1900, or 3200-3 for VCOA. Resume normal speed after passing ODK VOR/DME, RWO NDB.

Rwy 29: 2500-5, NA at night.



CAUTION: Rapidly rising terrain to above 2500′ MSL south, west, and north of the airport.

TAKEOFF OBSTACLE NOTES:

Rwy 1: Vehicles beginning 28′ from DER, 147′ right of centerline, up to 15′ AGL/50′ MSL.
Vehicles beginning 56′ from DER, 13′ left of centerline, up to 15′ AGL/50′ MSL.

Rwy 8: Vehicles beginning 37′ from DER, left and right of centerline, 15′ AGL/50′ MSL.
Trees and vegetation beginning 25′ from DER, left and right of centerline, up to 15′ AGL/23′ MSL.
Ships beginning 2400′ from DER, left and right of centerline, up to 35′ AGL/35′ MSL.

Rwy 11: Tree 10′ from DER, 411′ right of centerline, 38′ AGL/64′ MSL.
Tree 78′ from DER, 330′ right of centerline, 23′ AGL/49′ MSL.
Vegetation 132′ from DER, 469′ right of centerline, 17′ AGL/43′ MSL.
Ships beginning 3564′ from DER, left and right of centerline, 210′ AGL/210′ MSL.
Tree 1.7 NM from DER, 2679′ right of centerline, up to 100′ AGL/360′ MSL.

Rwy 19: Vehicles beginning 5′ from DER, left and right of centerline, up to 15′ AGL/59′ MSL.
Trees and bushes beginning 31′ from DER, 490′ right of centerline, up to 50′ AGL/84′ MSL.
Building 1682′ from DER, 608′ right of centerline, 51′ AGL/103′ MSL.
Trees beginning 2183′ from DER, left and right of centerline, up to 100′ AGL/133′ MSL.
Trees beginning 3355′ from DER, left and right of centerline, up to 100′ AGL/169′ MSL.

Rwy 29: Trees beginning 13′ from DER, 370′ right of centerline, up to 39′ AGL/76′ MSL.
Vehicles 160′ from DER, 486′ left of centerline, up to 15′ AGL/73′ MSL.
Trees, bushes, and terrain beginning 184′ from DER, 123′ left of centerline, up to 100′ AGL/185′ MSL.
Trees, vehicle, bushes, and terrain beginning 130′ from DER, right of centerline, up to 100′ AGL/268′ MSL.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Initiate a climbing right turn as soon as practicable but not later than the DER to intercept ODK VOR/DME R-240 to ODK, or 062° course to RWO NDB. Thence. . . .

TAKEOFF RWY 8: Climb heading 078° to intercept ODK VOR/DME R-226 to ODK, or 051° course to RWO NDB. Thence . . . .

TAKEOFF RWY 11: Climbing left turn to intercept ODK VOR/DME R-226 to ODK, or 051° course to RWO NDB. Thence. . . .

TAKEOFF RWY 19: Climbing left turn to intercept ODK VOR/DME R-226 to ODK, or 051° to RWO NDB. Thence. . . .

TAKEOFF RWY 29: Climb in visual conditions direct ODK VOR/DME or RWO NDB (visual conditions must be maintained from takeoff until established over ODK VOR/DME or RWO NDB); cross ODK VOR/DME, or RWO NDB, at or above 2400 MSL. Thence. . . .

VISUAL CLIMB OVER AIRPORT RWYS 1, 19: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Kodiak Airport at or above 3100 to intercept ODK R-226 to ODK or 062° course to RWO NDB. Thence. . . .

. . . .climb to 4000 via ODK VOR/DME R-019 or 019° bearing from RWO NDB. V357 proceed on course, all others climbing left turn direct ODK VOR/DME or RWO NDB and then proceed on course.

RNAV (GPS) RWY 7
KOKHANOK (9K2) (PFKK)

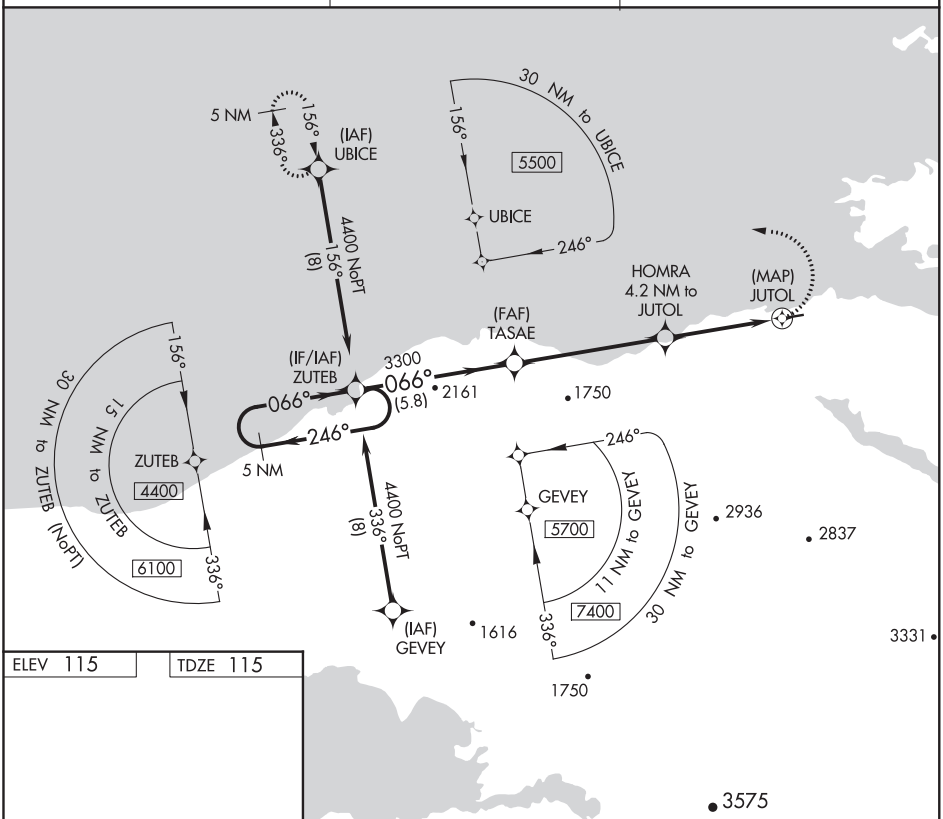
APP CRS	Rwy ldg	3300
066°	TDZE	115
	Apt Elev	115

T A NA

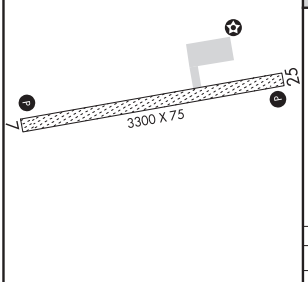
Rwy 7 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Use Iliamna altimeter setting. Procedure NA at night.

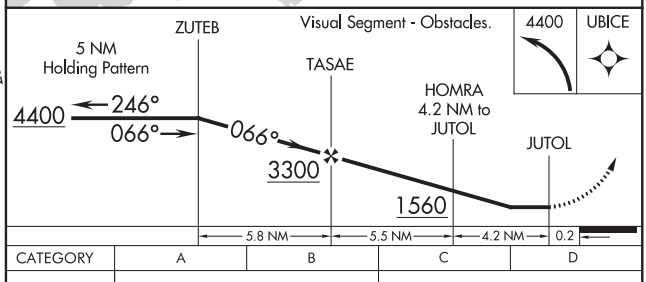
MISSED APPROACH: Climbing left turn to 4400 direct UBICE and hold, continue climb-in-hold to 4400.

ILI/PAIL ASOS	ANCHORAGE CENTER	CTAF
134.95	118.8	122.9 L



ELEV 115 TDZE 115





CATEGORY	A	B	C	D
LNAV MDA	820-1 705 (800-1)		820-2 705 (800-2)	
C CIRCLING	1040-1¼ 925 (1000-1¼)	1100-1½ 985 (1000-1½)	1100-3 985 (1000-3)	

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

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KOKHANOK, ALASKA | AL-10160 (FAA) | 20198

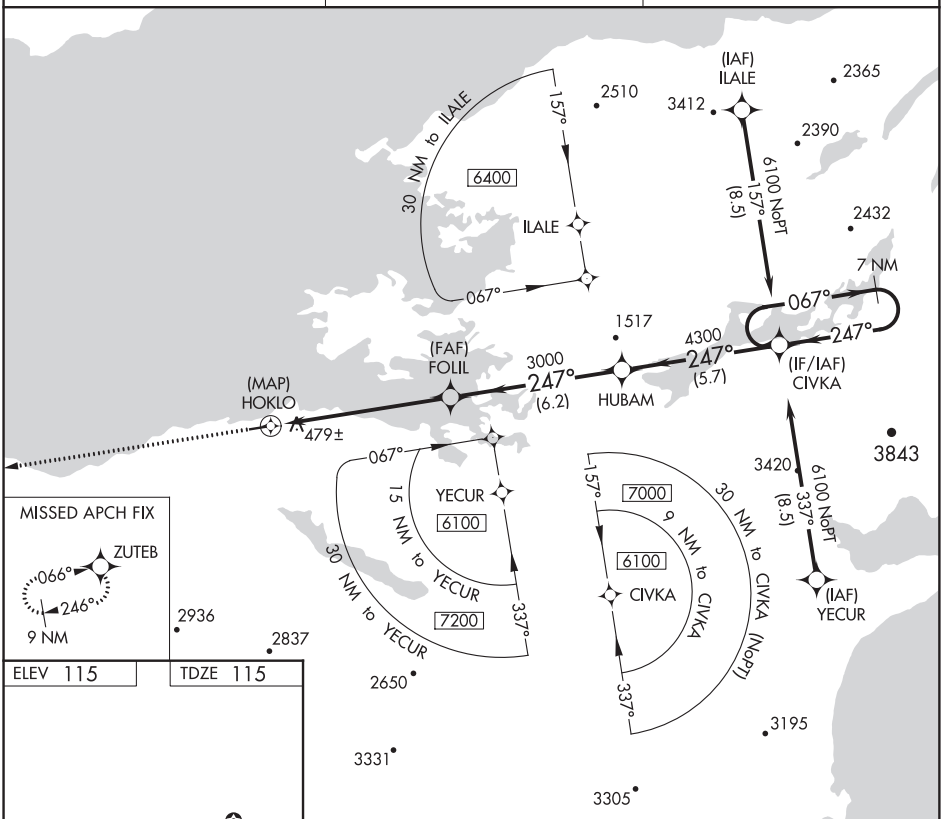
RNAV (GPS) RWY 25
KOKHANOK (9K2) (PFKK)

APP CRS	Rwy ldg	3300
247°	TDZE	115
	Apt Elev	115

T A NA — Rwy 25 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Use Iliamna altimeter setting. Procedure NA at night.

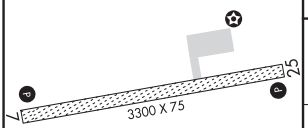
MISSED APPROACH: Climb to 4400 direct ZUTEB and hold, continue climb-in-hold to 4400.

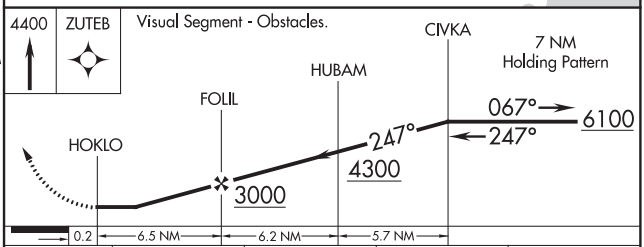
ILI/PAIL ASOS	ANCHORAGE CENTER	CTAF
134.95	118.8	122.9 L



MISSED APCH FIX

ELEV 115 | TDZE 115





CATEGORY	A	B	C	D
LNAV MDA	880-1 765 (800-1)	880-1¼ 765 (800-1¼)	NA	
C CIRCLING	1040-1¼ 925 (1000-1¼)	1100-1½ 985 (1000-1½)	NA	

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

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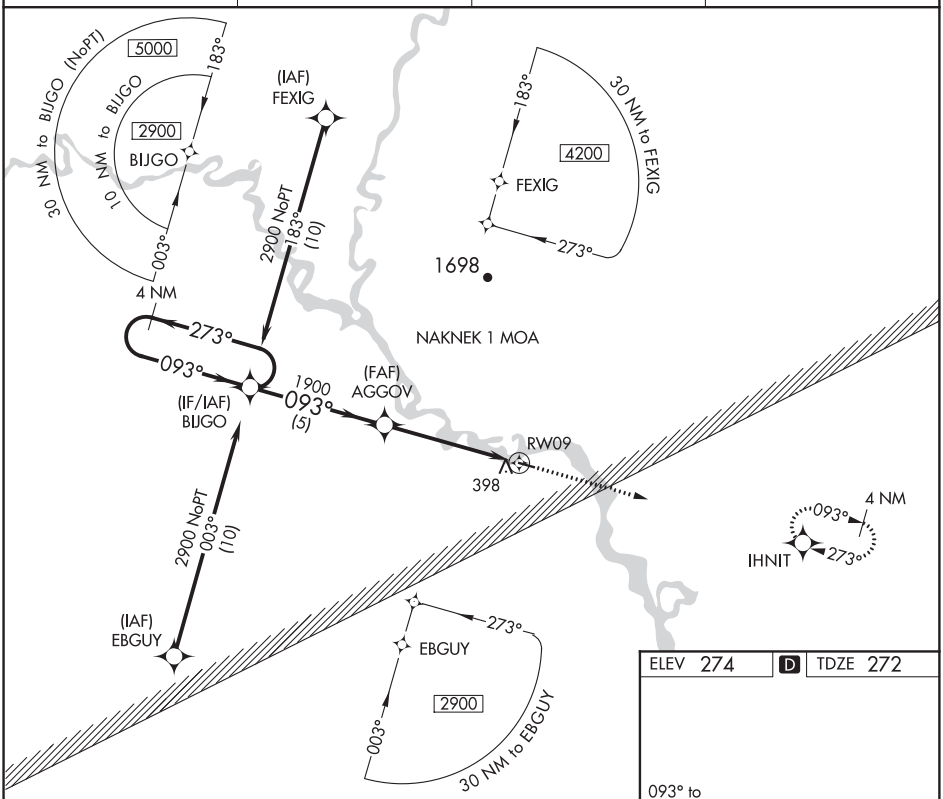
APP CRS	Rwy ldg	3300
093°	TDZE	272
	Apt Elev	274

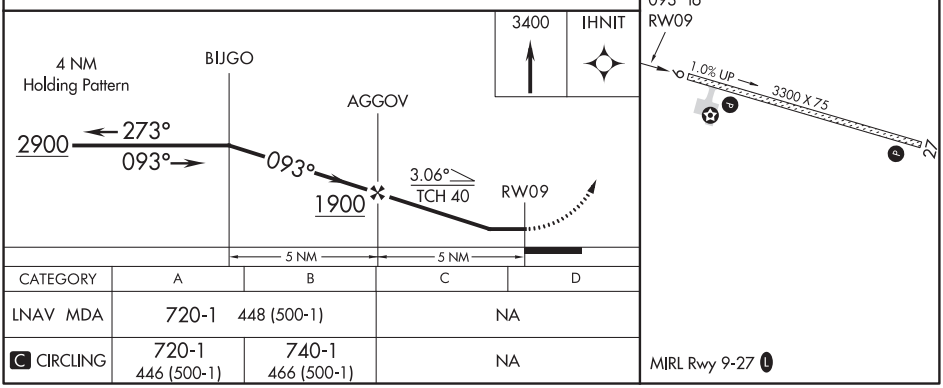
RNAV (GPS) RWY 9
KOLIGANEK (JZZ) (PAJZ)

When local altimeter setting not received, use new Stuyahok altimeter setting and increase all MDA 60 feet. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 3400 direct IHNIT and hold, continue climb-in-hold to 3400.

AWOS-3P	ANCHORAGE CENTER	DILLINGHAM RADIO	CTAF
118.525	132.75 282.35	122.55	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	720-1 448 (500-1)		NA	
C CIRCLING	720-1 446 (500-1)	740-1 466 (500-1)	NA	

MIRL Rwy 9-27 L

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KOLIGANEK, ALASKA | AL-9459 (FAA) | 20254

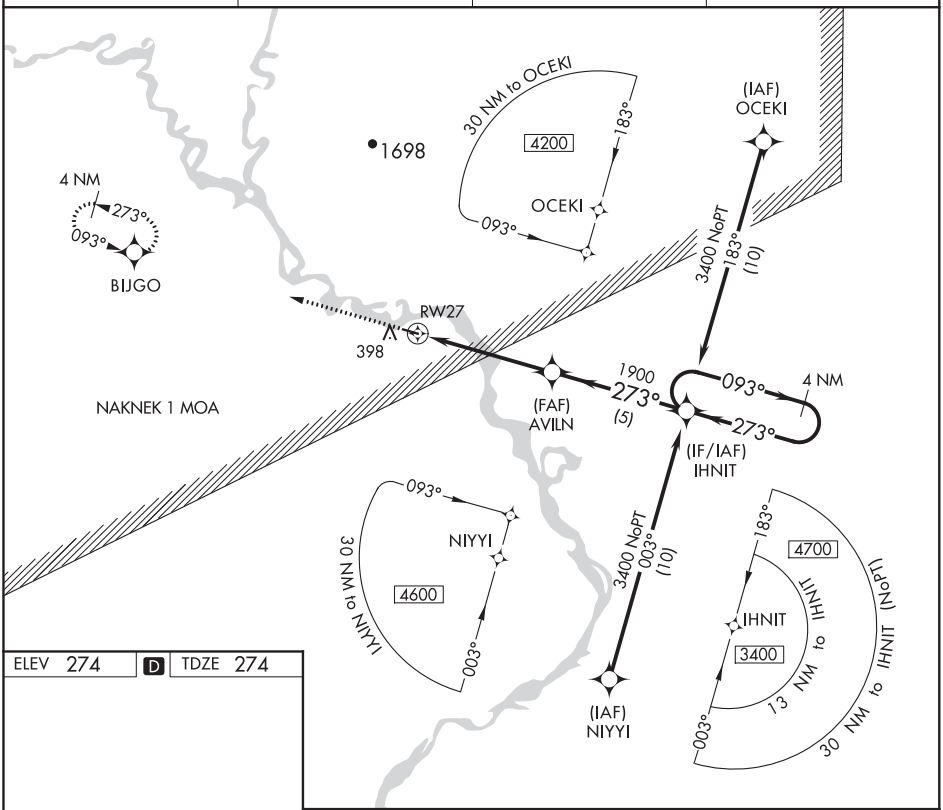
APP CRS	Rwy ldg	3300
273°	TDZE	274
	Apt Elev	274

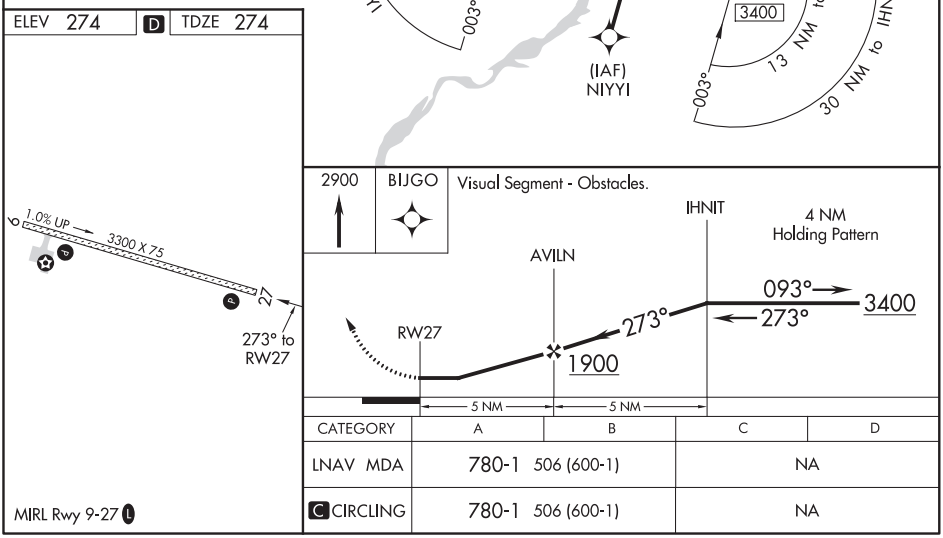
RNAV (GPS) RWY 27
KOLIGANEK (JZZ) (PAJZ)

When local altimeter setting not received, use New Stuyahok altimeter setting and increase all MDAs 60 feet. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 2900 direct BIJGO and hold.

AWOS-3P	ANCHORAGE CENTER	DILLINGHAM RADIO	CTAF
118.525	132.75 282.35	122.55	122.9





CATEGORY	A	B	C	D
LNAV MDA	780-1 506 (600-1)		NA	
C CIRCLING	780-1 506 (600-1)		NA	

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APP CRS	Rwy ldg	4400
017°	TDZE	13
	Apt Elev	14

RNAV (GPS) RWY 2

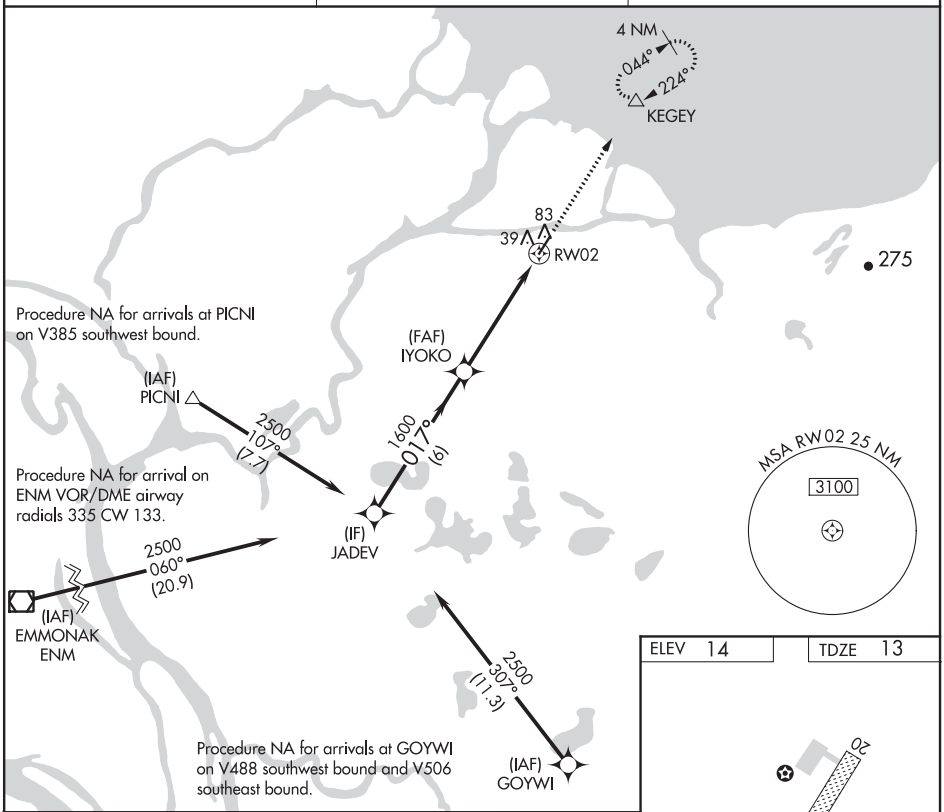
KOTLIK (2A9) (PFKO)

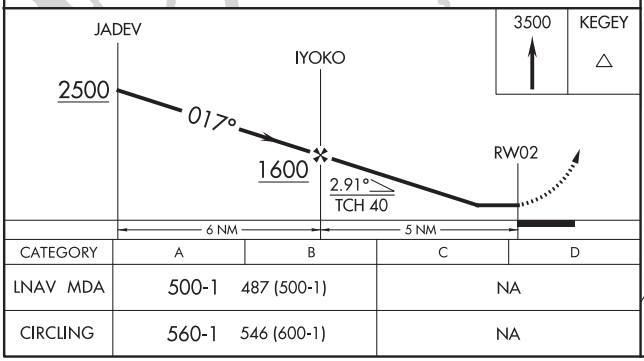
RNP APCH.

Circling Rwy 20 NA at night.
Rwy 2 helicopter visibility reduction below ¾ SM NA.

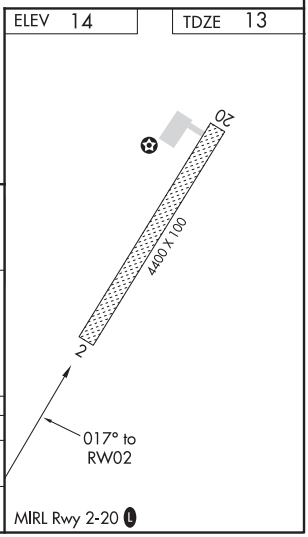
MISSED APPROACH: Climb to 3500 direct KEGEY and hold.

ENM/PAEM AWOS-3P	ANCHORAGE CENTER	CTAF
135.35	124.5	122.9





CATEGORY	A	B	C	D
LNAV MDA	500-1 487 (500-1)		NA	
CIRCLING	560-1 546 (600-1)		NA	



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KOTLIK, ALASKA | AL-9750 (FAA) | 19339

APP CRS	Rwy ldg	4400
198°	TDZE	15
	Apt Elev	15

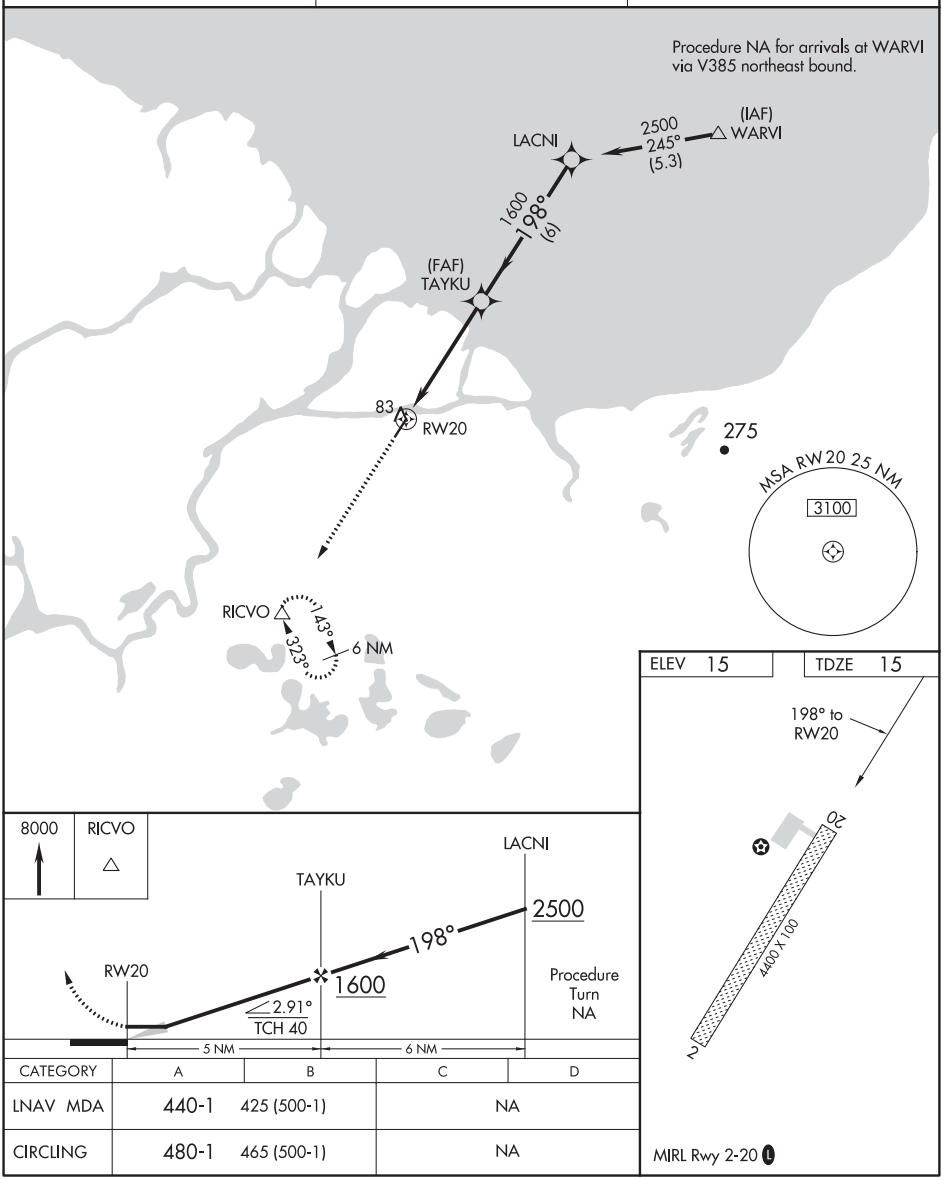
RNAV (GPS) RWY 20
KOTLIK (2A9) (PFKO)

NA

DME/DME RNP-0.3 NA. Use Emmonak altimeter setting. Procedure NA at night.

MISSED APPROACH: Climb to 8000 direct RICVO WP and hold.

ENM/PAEM AWOS-3P	ANCHORAGE CENTER	CTAF
135.35	124.5	122.9 L



CATEGORY	A	B	C	D
LNAV MDA	440-1	425 (500-1)	NA	
CIRCLING	480-1	465 (500-1)	NA	

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ILS or LOC RWY 9

RALPH WIEN MEMORIAL (OTZ) (PAOT)

LOC/DME I-OTZ	APP CRS	Rwy ldg	5900
110.7	089°	TDZE	13
Chan 44		Apt Elev	15

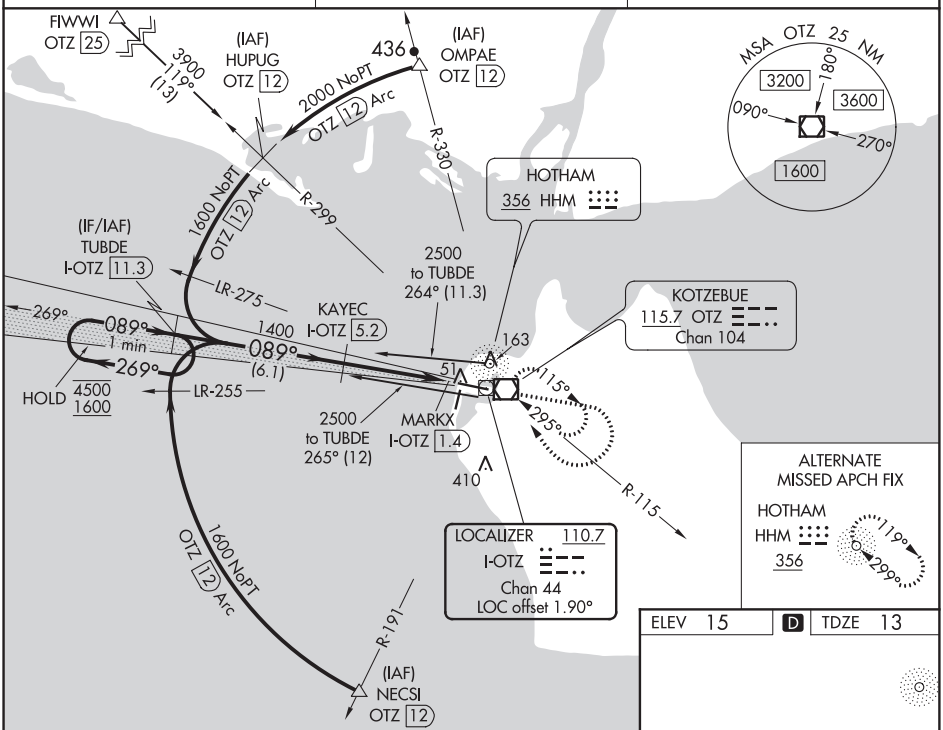
DME required.

Circling Rwy 18, 36 NA at night, Circling Rwy 27 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. Rwy 9 helicopter visibility reduction below RVR 4000 NA.

-44°C

MISSED APPROACH: Climb to 1700 then climbing right turn to 2000 direct OTZ VOR/DME and hold, continue climb-in-hold to 2000.

AFIS	ANCHORAGE CENTER	KOTZEBUE RADIO
135.45	119.2 263.0	123.6 L (CTAF)



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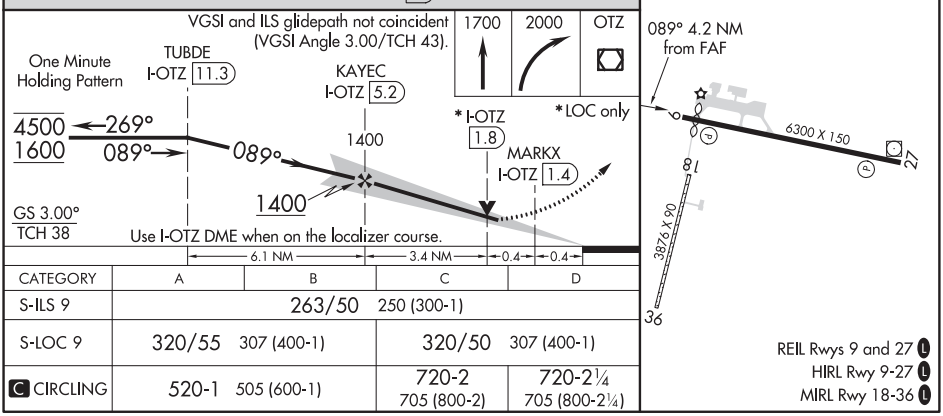
AK, 05 NOV 2020 to 31 DEC 2020

ELEV 15 | D | TDZE 13



CATEGORY	A	B	C	D
S-ILS 9	263/50	250 (300-1)		
S-LOC 9	320/55	307 (400-1)	320/50	307 (400-1)
C CIRCLING	520-1	505 (600-1)	720-2 705 (800-2)	720-2¼ 705 (800-2¼)

REIL Rwys 9 and 27 L
HIRL Rwy 9-27 L
MIRL Rwy 18-36 L

KOTZEBUE, ALASKA | AL-2118 (FAA) | 20310

RNAV (GPS) RWY 9
RALPH WIEN MEMORIAL (OTZ) (PAOT)

WAAS CH 57941 W09A	APP CRS 091°	Rwy ldg 5900 TDZE 13 Apt Elev 15

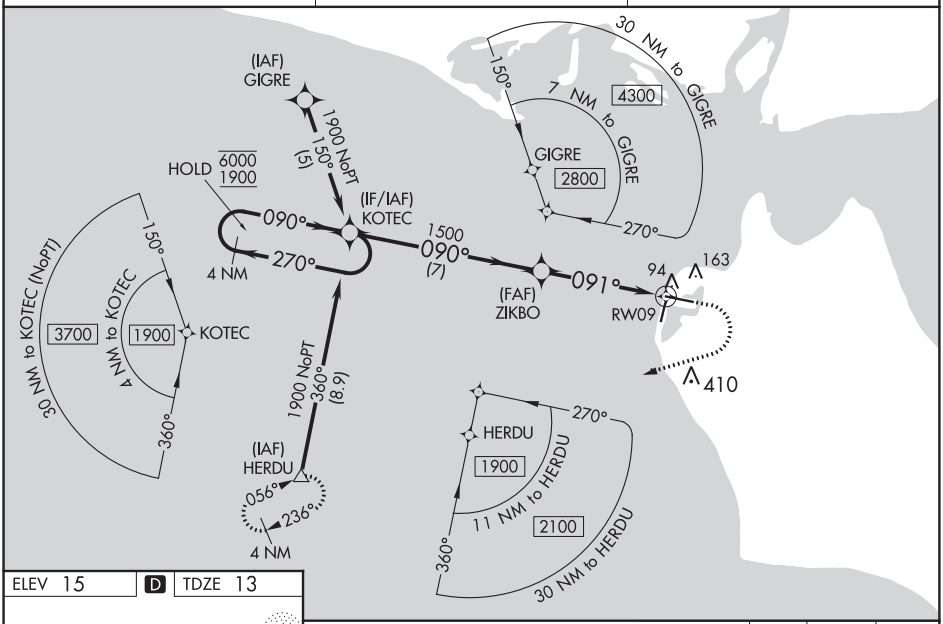
RNP APCH.

T A -44°C

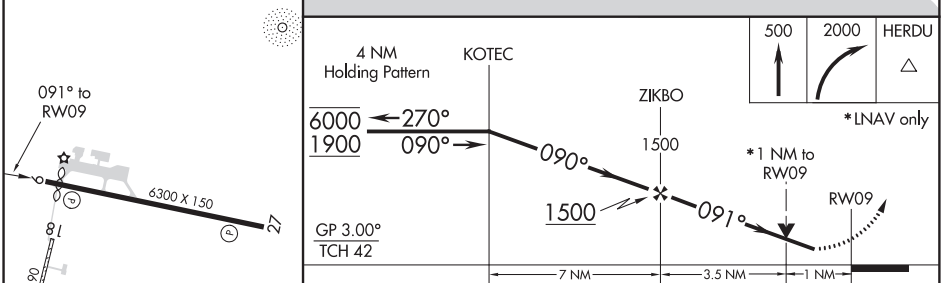
Circling Rwy 18, 36 NA at night, Circling Rwy 27 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. Rwy 9 helicopter visibility reduction below RVR 4000 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C.

MISSED APPROACH: Climb to 500 then climbing right turn to 2000 direct HERDU and hold.

AFIS	ANCHORAGE CENTER	KOTZEBUE RADIO
135.45	119.2 263.0	123.6 L (CTAF)



ELEV 15 | D | TDZE 13



CATEGORY	A	B	C	D
LPV DA	263/50 250 (300-1)			
LNAV/VNAV DA	263/50 250 (300-1)			
LNAV MDA	360/55 347 (400-1)			
C CIRCLING	520-1 505 (600-1)		720-2 705 (800-2)	720-2¼ 705 (800-2¼)

REIL Rwys 9 and 27 L
HIRL Rwy 9-27 L
MIRL Rwy 18-36 L

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APP CRS	Rwy ldg	5900
271°	TDZE	15
	Apt Elev	15

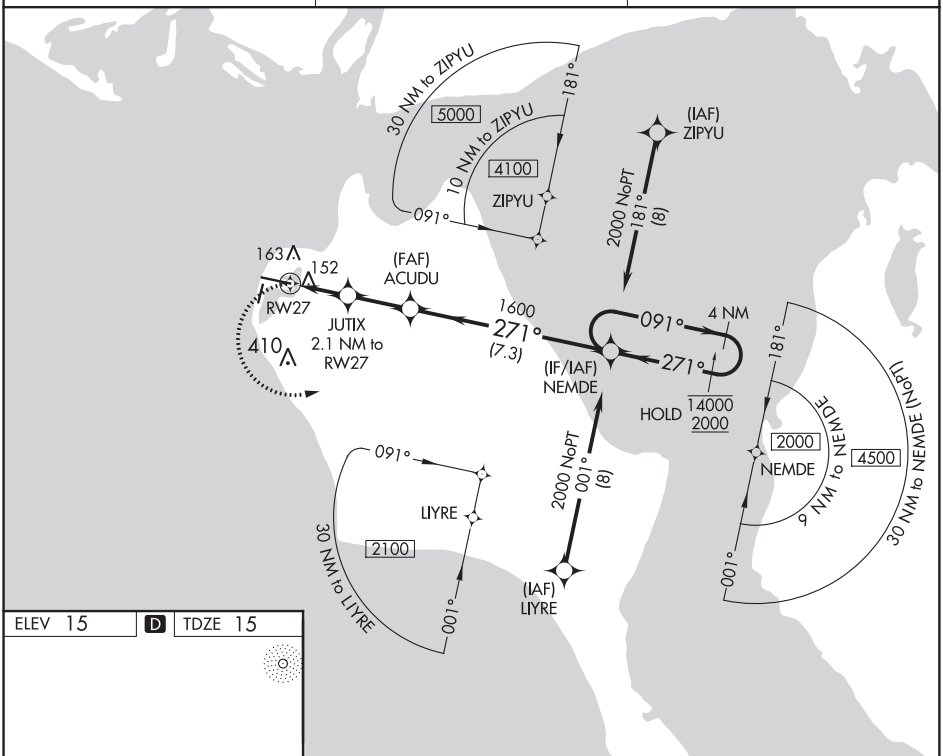
RNAV (GPS) RWY 27
RALPH WIEN MEMORIAL (OTZ) (PAOT)

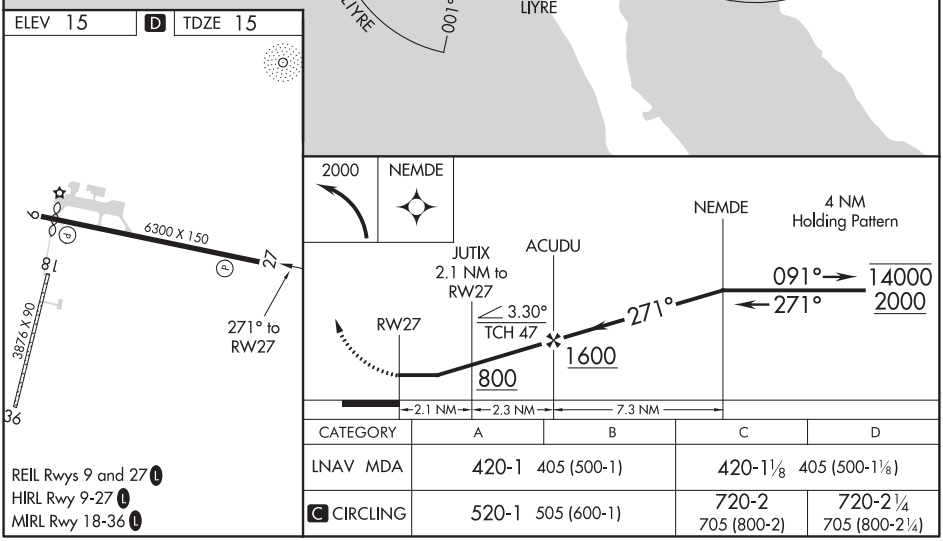
RNP APCH.

Circling Rwy 18, 36 NA at night. Rwy 27 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 27 NA at night, Circling Rwy 27 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. -44°C

MISSED APPROACH: Climbing left turn to 2000 direct NEMDE and hold.

AFIS	ANCHORAGE CENTER	KOTZEBUE RADIO
135.45	119.2 263.0	123.6 L (CTAF)





REIL Rwys 9 and 27 L
HIRL Rwy 9-27 L
MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
LNAV MDA	420-1 405 (500-1)		420-1⅛ 405 (500-1⅛)	
C CIRCLING	520-1 505 (600-1)		720-2 705 (800-2)	720-2¼ 705 (800-2¼)

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KOTZEBUE, ALASKA AL-2118 (FAA) 20310

VOR RWY 9

RALPH WIEN MEMORIAL (OTZ) (PAOT)

VOR/DME OTZ	APP CRS	Rwy ldg	5900
115.7	084°	TDZE	13
Chan 104		Apt Elev	15

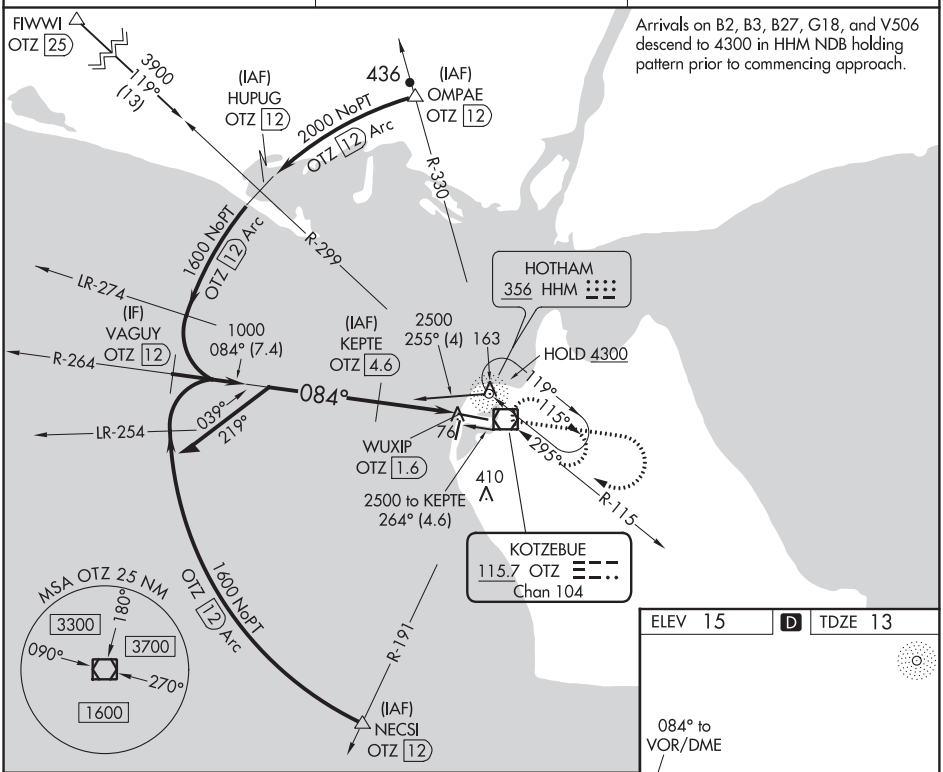
DME required.

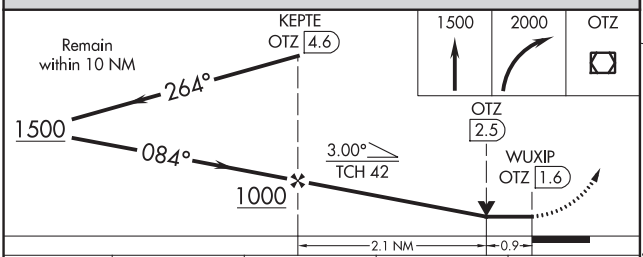
T A -44°C Circling Rwy 18, 36 NA at night, Circling Rwy 27 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. Rwy 9 helicopter visibility reduction below RVR 4000 NA.

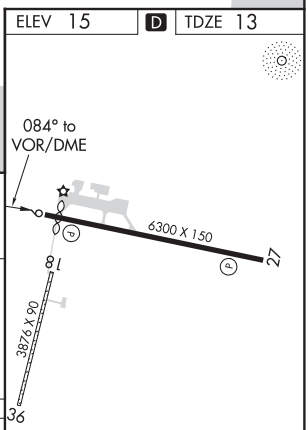
MISSED APPROACH: Climb to 1500 then climbing right turn to 2000 direct OTZ VOR/DME and hold, continue climb-in-hold to 2000.

AFIS	ANCHORAGE CENTER	KOTZEBUE RADIO
135.45	119.2 263.0	123.6 L (CTAF)

Arrivals on B2, B3, B27, G18, and V506 descend to 4300 in HHM NDB holding pattern prior to commencing approach.







CATEGORY	A	B	C	D
S-9	340/55 327 (400-1)		340/50 327 (400-1)	
C CIRCLING	520-1 505 (600-1)		720-2 705 (800-2)	720-2¼ 705 (800-2¼)

REIL Rwys 9 and 27 L
HIRL Rwy 9-27 L
MIRL Rwy 18-36 L

AK, 05 NOV 2020 to 31 DEC 2020

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KOTZEBUE, ALASKA
Orig-D 03JAN19

66°53′N-162°36′W

RALPH WIEN MEMORIAL (OTZ) (PAOT)

VOR RWY 9

VOR RWY 27

RALPH WIEN MEMORIAL (OTZ) (PAOT)

VOR/DME OTZ 115.7 Chan 104	APP CRS 257°	Rwy ldg 5900 TDZE 15 Apt Elev 15

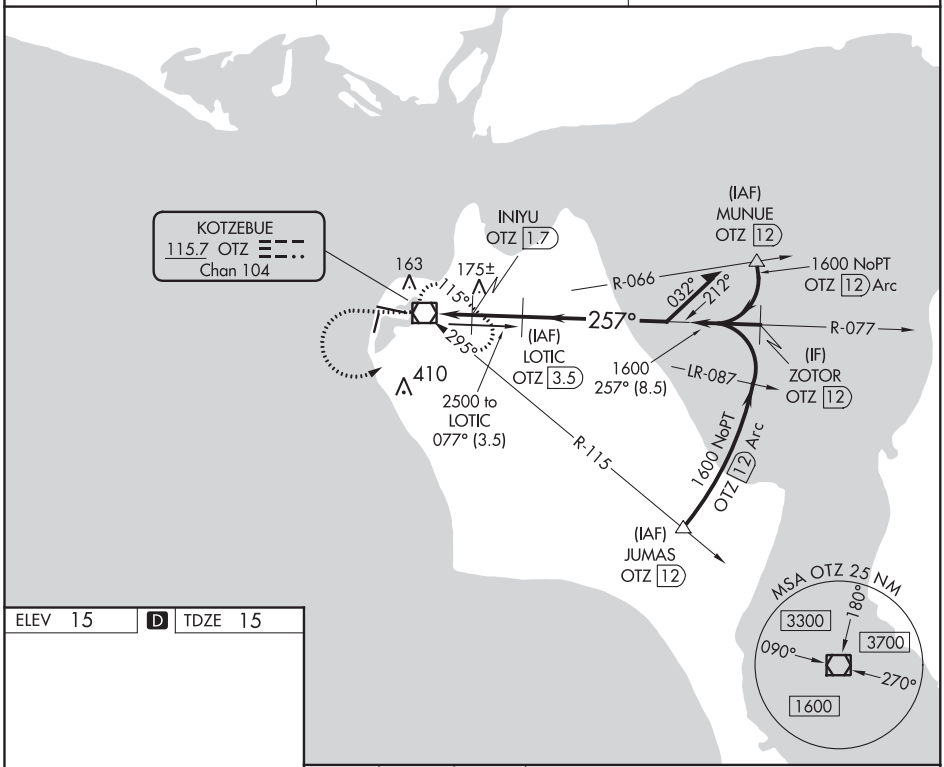
DME required.

Circling to Rwy 18, 36 NA at night. Rwy 27 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 27 at night, Circling Rwy 27 at night, operational VGSI required, remain on or above glidepath until threshold.

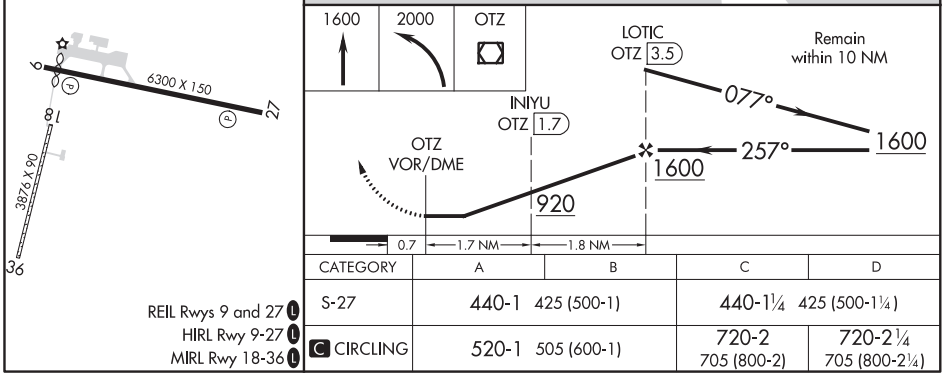
-44°C

MISSED APPROACH: Climb to 1600 then climbing left turn to 2000 direct OTZ VOR/DME and hold, continue climb-in-hold to 2000.

AFIS	ANCHORAGE CENTER	KOTZEBUE RADIO
135.45	119.2 263.0	123.6 L (CTAF)



ELEV 15 D TDZE 15



REIL Rwys 9 and 27 L
HIRL Rwy 9-27 L
MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-27	440-1 425 (500-1)		440-1¼ 425 (500-1¼)	
C CIRCLING	520-1 505 (600-1)		720-2 705 (800-2)	720-2¼ 705 (800-2¼)

KOYUK, ALASKA | AL-9204 (FAA) | 20310

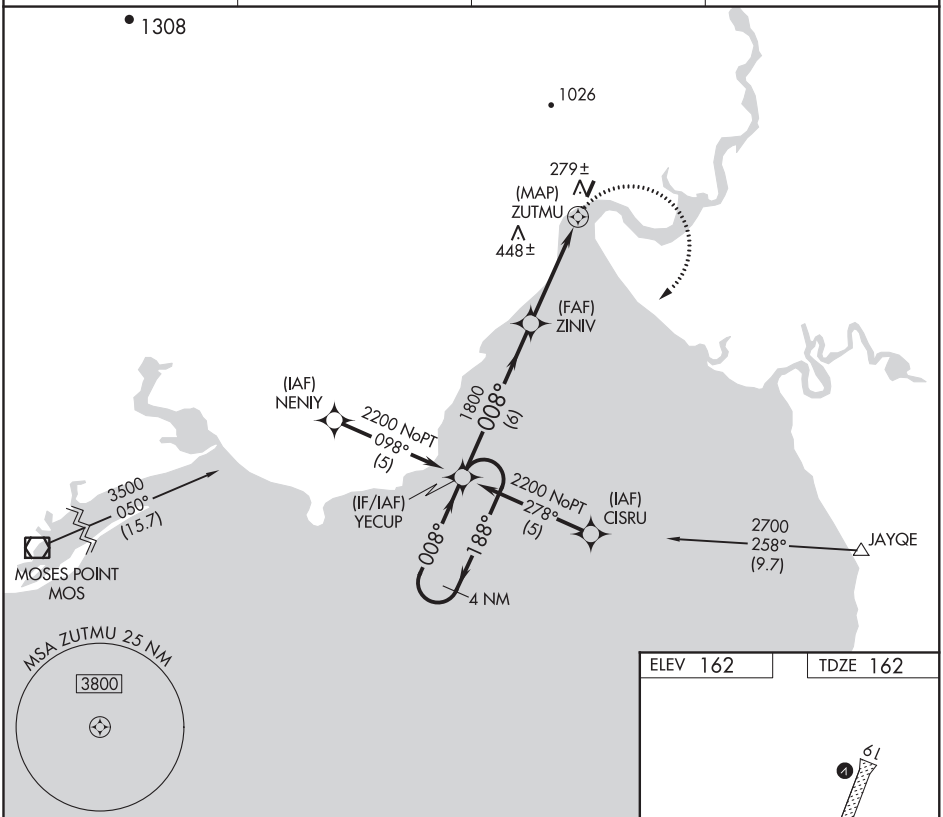
APP CRS	Rwy ldg	3002
008°	TDZE	162
	Apt Elev	162

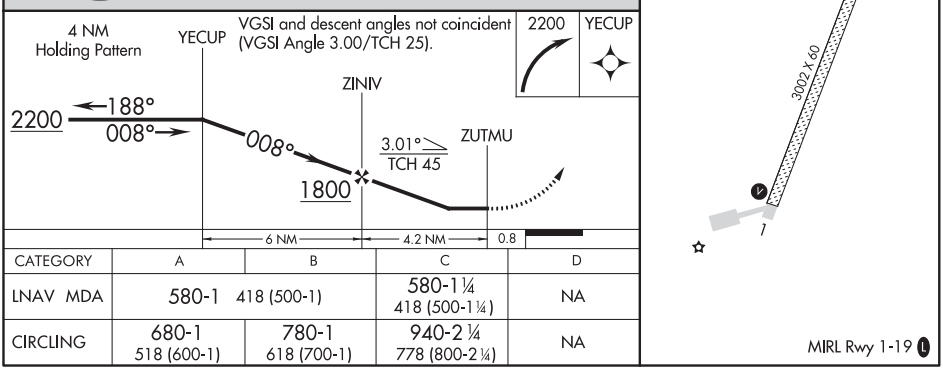
RNAV (GPS) RWY 1
KOYUK ALFRED ADAMS (KKA)(PAKK)

Circling NA west of Rwy 1-19.
When VGSI inoperative, procedure NA at night.
DME/DME RNP- 0.3 NA.

MISSED APPROACH: Climbing right turn to 2200 direct YECUP and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
134.95	135.7 335.5	122.35	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	580-1 418 (500-1)		580-1¼ 418 (500-1¼)	NA
CIRCLING	680-1 518 (600-1)	780-1 618 (700-1)	940-2¼ 778 (800-2¼)	NA

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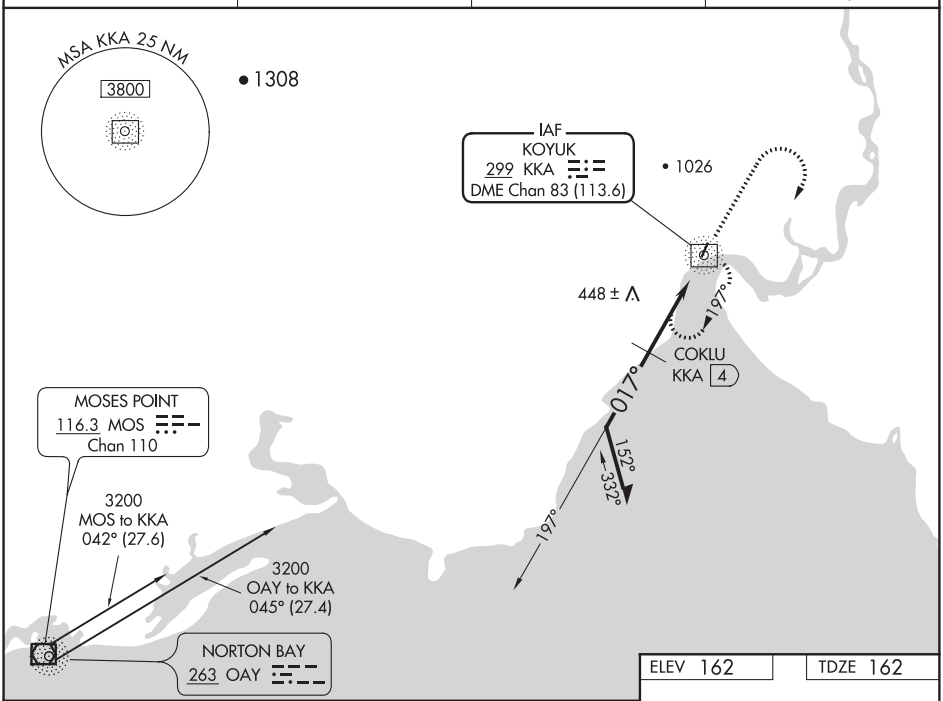
NDB/DME KKA 299 Chan 83 (113.6)	APP CRS 017°	Rwy ldg 3002 TDZE 162 Apt Elev 162

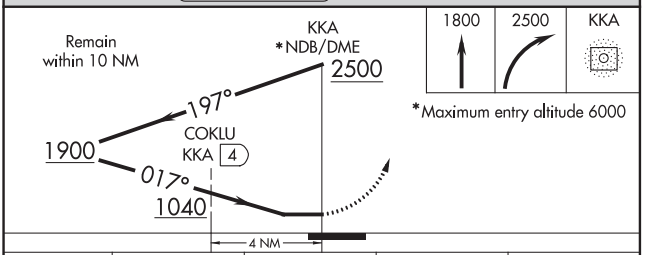
NDB RWY 1
KOYUK ALFRED ADAMS (KKA)(PAKK)

Circling NA west of Rwy 1-19.

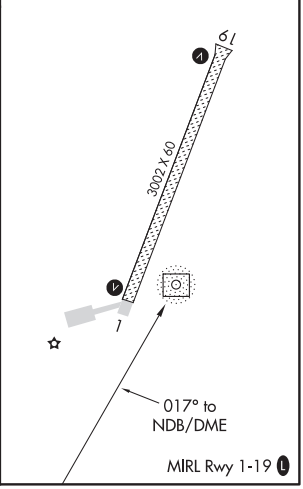
MISSED APPROACH: Climb to 1800 then climbing right turn to 2500 direct KKA NDB/DME and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
134.95	135.7 335.5	122.35	122.8





ELEV 162 TDZE 162



CATEGORY	A	B	C	D
S-1	1040-1¼ 878 (900-1¼)		1040-2¾ 878 (900-2¾)	NA
CIRCLING	1040-1¼ 878 (900-1¼)		1040-2¾ 878 (900-2¾)	NA
COKLU FIX MINIMUMS				
S-1	800-1 638 (700-1)		800-1¾ 638 (700-1¾)	NA
CIRCLING	800-1 638 (700-1)		940-2¼ 778 (800-2¼)	NA

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AK, 05 NOV 2020 to 31 DEC 2020

KOYUKUK, ALASKA | AL-10161 (FAA) | 19339

RNAV (GPS) RWY 6
KOYUKUK (KYU) (PFKU)

WAAS CH 42714 W06A	APP CRS 062°	Rwy ldg 4000 TDZE 149 Apt Elev 149

RNP APCH.

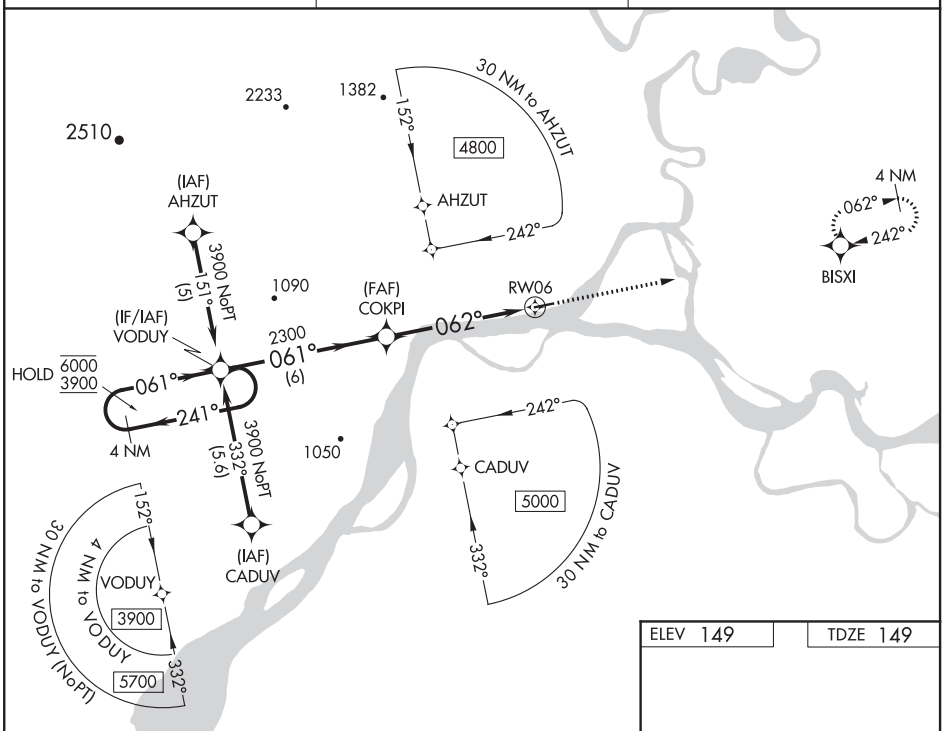
Circling Rwy 24 NA at night. Rwy 6 helicopter visibility reduction below ¾ NA. Use Galena altimeter setting, when not received, procedure NA.

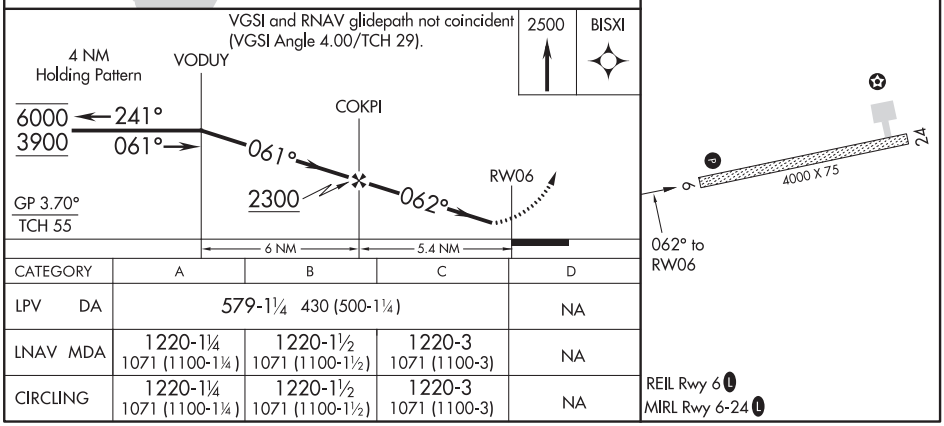
NA

-25°C

MISSED APPROACH: Climb to 2500 direct BISXI and hold.

GAL/PAGA AWOS-3	ANCHORAGE CENTER	CTAF
132.525	127.0 290.2	122.9 L





CATEGORY	A	B	C	D
LPV DA	579-1¼ 430 (500-1¼)			NA
LNAV MDA	1220-1¼ 1071 (1100-1¼)	1220-1½ 1071 (1100-1½)	1220-3 1071 (1100-3)	NA
CIRCLING	1220-1¼ 1071 (1100-1¼)	1220-1½ 1071 (1100-1½)	1220-3 1071 (1100-3)	NA

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WAAS CH 99314 W24A	APP CRS 242°	Rwy ldg 4000 TDZE 149 Apt Elev 149

RNAV (GPS) RWY 24
KOYUKUK (KYU) (PFKU)

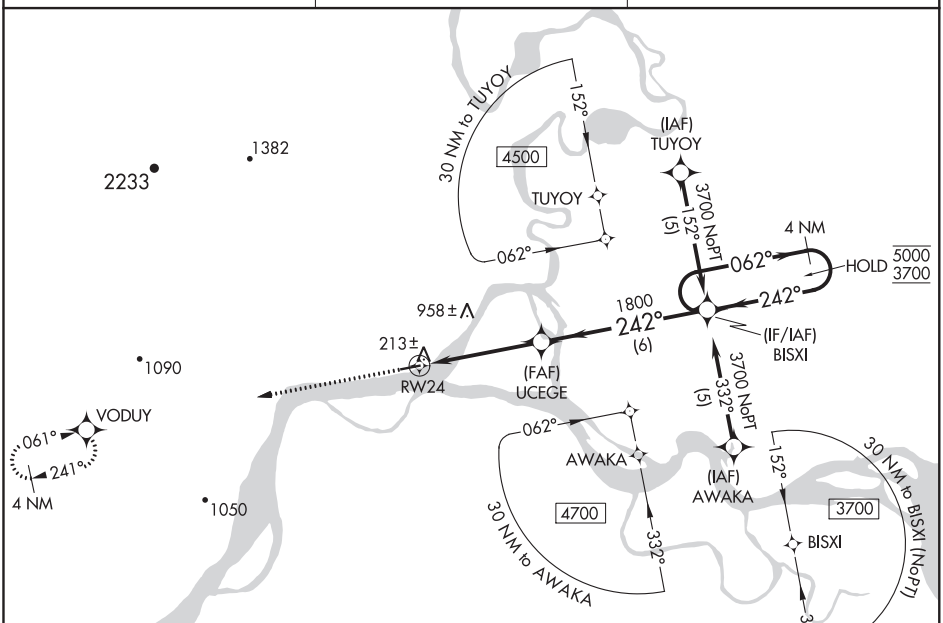
RNP APCH.

NA
-25°C

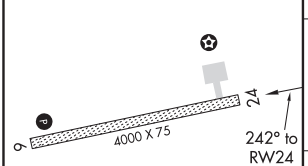
Rwy 24 helicopter visibility reduction below 1 SM NA. Baro-VNAV NA. Use Galena altimeter setting; when not received, procedure NA. Straight-in and Circling Rwy 24 NA at night.

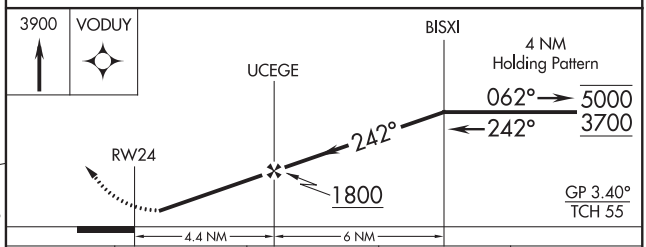
MISSED APPROACH: Climb to 3900 direct VODUY and hold, continue climb-in-hold to 3900.

GAL/PAGA AWOS-3	ANCHORAGE CENTER	CTAF
132.525	127.0 290.2	122.9 L



ELEV 149 TDZE 149





CATEGORY	A	B	C	D
LPV DA	484-1 335 (400-1)			NA
LNAV/VNAV DA	537-1¼ 388 (400-1¼)			NA
LNAV MDA	1060-1¼ 911 (1000-1¼)		1060-2¾ 911 (1000-2¾)	NA
CIRCLING	1060-1¼ 911 (1000-1¼)		1060-2¾ 911 (1000-2¾)	NA

REIL Rwy 6 L
MIRL Rwy 6-24 L

AK, 05 NOV 2020 to 31 DEC 2020

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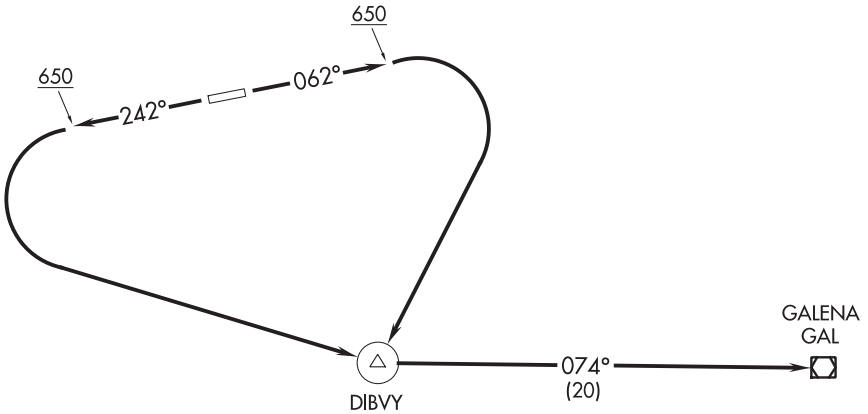
(DIBVY2.GAL) 17229 AL-10161 (FAA)

DIBVY TWO DEPARTURE (OBSTACLE) (RNAV)

KOYUKUK (KYU) (PFKU)
KOYUKUK, ALASKA

ANCHORAGE CENTER
127.0 290.2
CTAF
122.9



NOTE: GPS required.
NOTE: RNAV 1.

TAKEOFF MINIMUMS:
Rwys 6, 24: Standard.

TAKEOFF OBSTACLE NOTES:
Rwy 6: Numerous trees beginning 243′ from DER, 78′ right of centerline, 50′ AGL/181′ MSL.
Numerous trees beginning 1014′ from DER, 491′ left of centerline, 50′ AGL/165′ MSL.
Rwy 24: Numerous trees beginning 1914′ from DER, 86′ right of centerline, 50′ AGL/240′ MSL.
Numerous trees beginning 224′ from DER, 367′ left of centerline, 50′ AGL/191′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 6: Climb heading 062° to 650 then climbing right turn to 6000 direct DIBVY, and on 074° track to GAL VOR/DME thence. . . .

TAKEOFF RWY 24: Climb heading 242° to 650 then climbing left turn to 6000 direct DIBVY, and on 074° track to GAL VOR/DME thence. . . .

. . . .via filed route and altitude.

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WAAS CH 63208 W18A	APP CRS 182°	Rwy ldg 3199 TDZE 25 Apt Elev 25

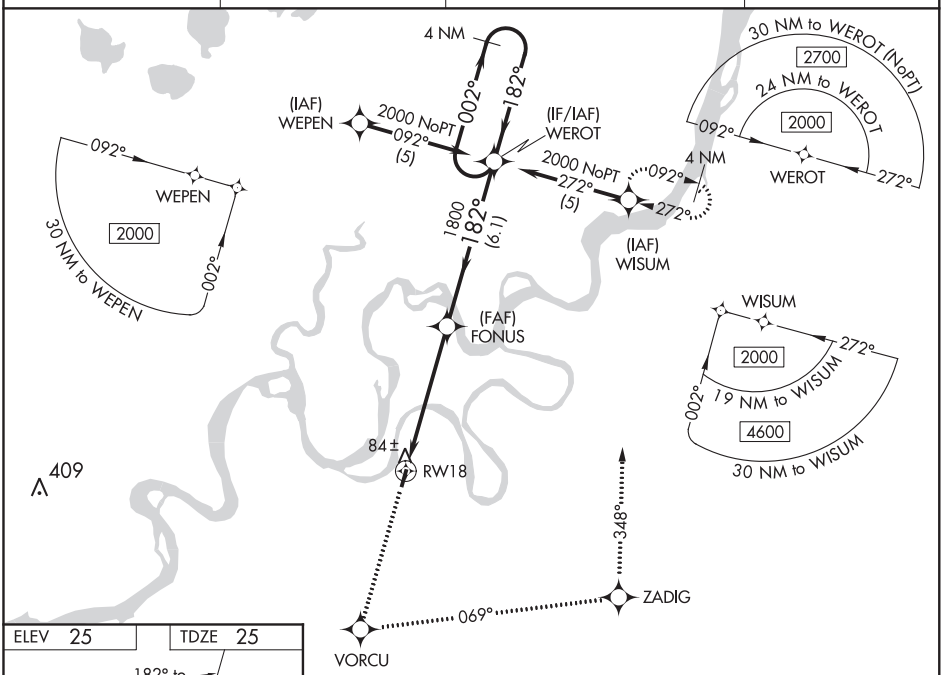
RNAV (GPS) RWY 18
KWETHLUK (KWT) (PFKW)

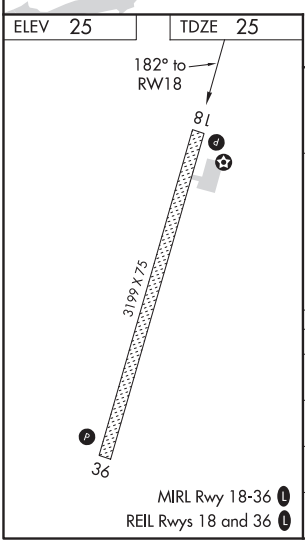
T
A NA
W
-38°C

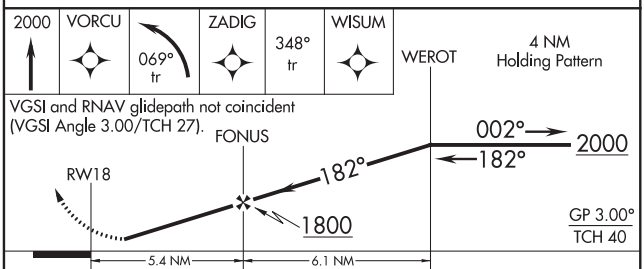
Baro-VNAV NA.
DME/DME RNP-0.3 NA.
When local altimeter setting not received, use Bethel altimeter setting.

MISSED APPROACH: Climb to 2000 direct VORCU and left turn via 069° track to ZADIG and via 348° track to WISUM and hold.

AWOS-3P	BET/PABE ASOS	ANCHORAGE CENTER	CTAF
120.0	135.45	125.2 372.0	122.9 L







CATEGORY	A	B	C	D
LPV DA	316-1 291 (300-1)			
LNAV/VNAV DA	594-2 569 (600-2)			
LNAV MDA	620-1 595 (600-1)		620-1¾ 595 (600-1¾)	
CIRCLING	680-1 655 (700-1)		680-1¾ 655 (700-1¾)	680-2 655 (700-2)

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AK, 05 NOV 2020 to 31 DEC 2020

KWETHLUK, ALASKA

AL-10325 (FAA)

20142

RNAV (GPS) RWY 36
KWETHLUK (KWT) (PFKW)

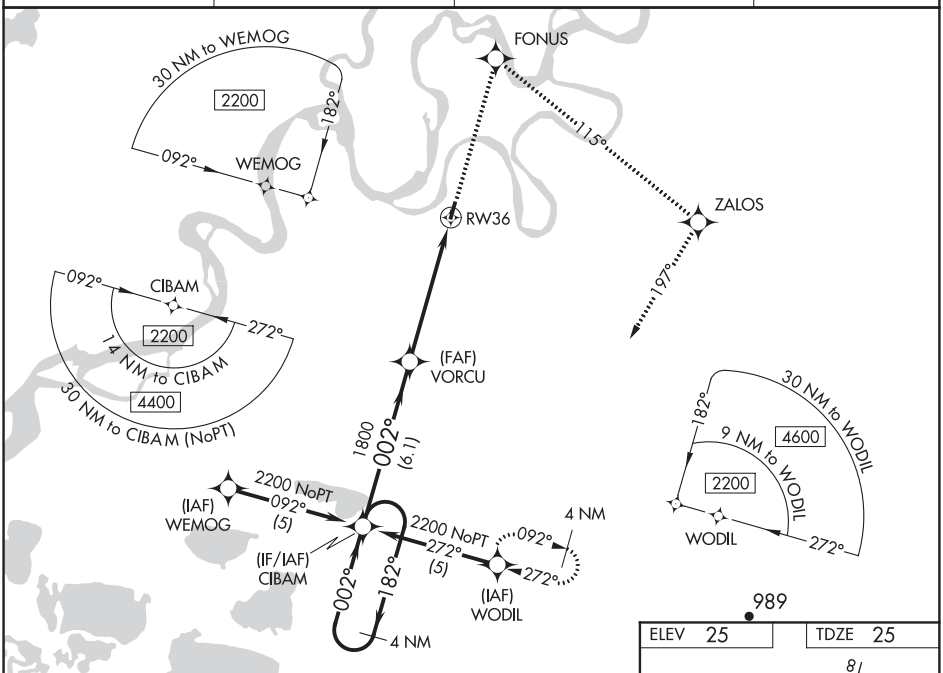
WAAS CH 97508 W36A	APP CRS 002°	Rwy ldg 3199 TDZE 25 Apt Elev 25

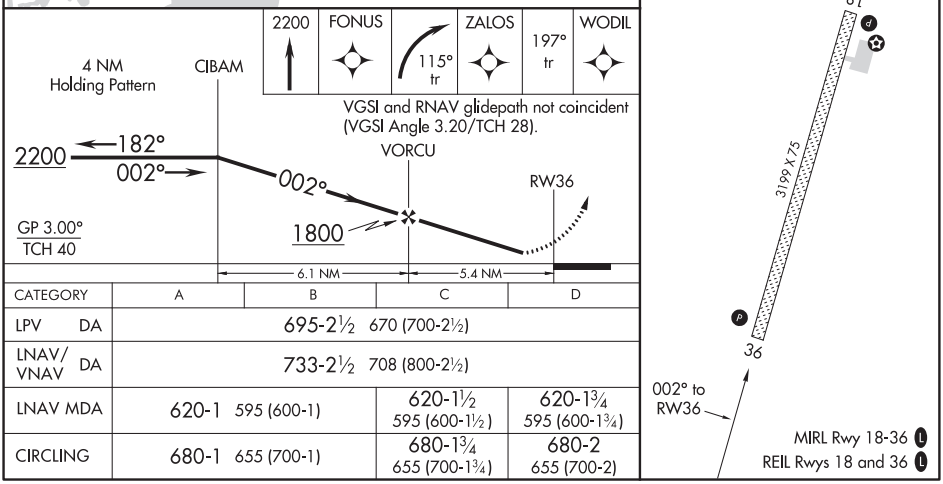
T
NA
W
-38°C

Baro-VNAV NA.
DME/DME RNP-0.3 NA.
When local altimeter setting not received use Bethel altimeter setting.
Rwy 36 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2200 direct FONUS and right turn via 115° track to ZALOS and via 197° track to WODIL and hold.

AWOS-3P	BET/PABE ASOS	ANCHORAGE CENTER	CTAF
120.0	135.45	125.2 372.0	122.9 L





CATEGORY	A	B	C	D
LPV DA	695-2½ 670 (700-2½)			
LNAV/VNAV DA	733-2½ 708 (800-2½)			
LNAV MDA	620-1 595 (600-1)		620-1½ 595 (600-1½)	620-1¾ 595 (600-1¾)
CIRCLING	680-1 655 (700-1)		680-1¾ 655 (700-1¾)	680-2 655 (700-2)

AK, 05 NOV 2020 to 31 DEC 2020

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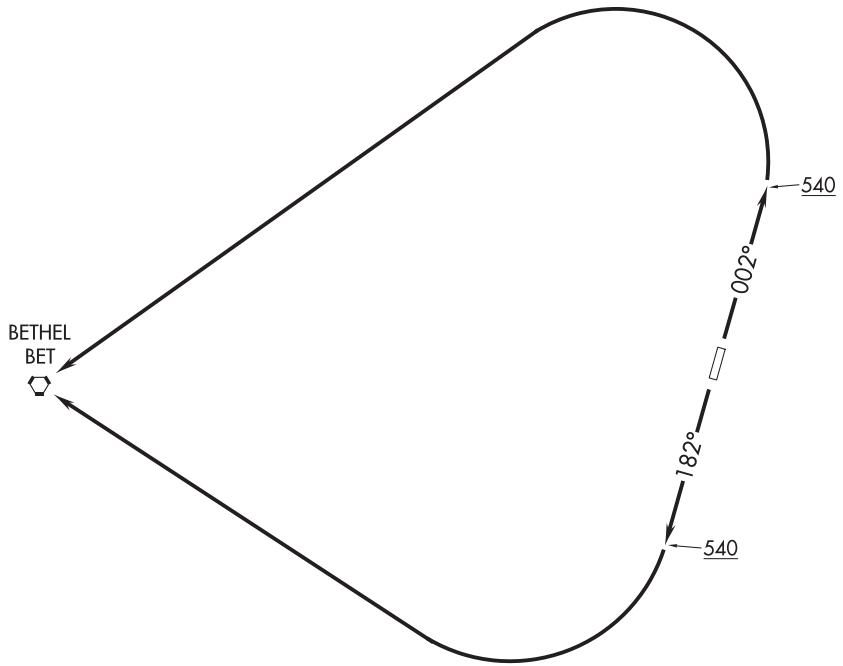
KWETHLUK, ALASKA
Orig-B 12OCT17

60°47′N-161°27′W

KWETHLUK (KWT) (PFKW)
RNAV (GPS) RWY 36

ANCHORAGE CENTER
125.2 372.0
AWOS-3P
120.0
BET/PABE ASOS
135.45
CTAF
122.9

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: GPS required.
NOTE: RNAV 1

TAKEOFF MINIMUMS
Rwy 36: Standard.
Rwy 18: 400-2 or standard with minimum climb of 240′ per NM to 500′.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb heading 182° to 540 then right turn direct BET VORTAC, thence. . . .
TAKEOFF RUNWAY 36: Climb heading 002° to 540 then left turn direct BET VORTAC, thence. . . .

. . . .maintain 2500 or ATC assigned altitude.

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19339

FAIRBANKS/FORT WAINWRIGHT, ALASKA

RNAV (GPS) RWY 25

APCH CRS	Rwy ldg	8575
252°	TDZE	449
	Arpt Elev	449

AL-1219 [USA]

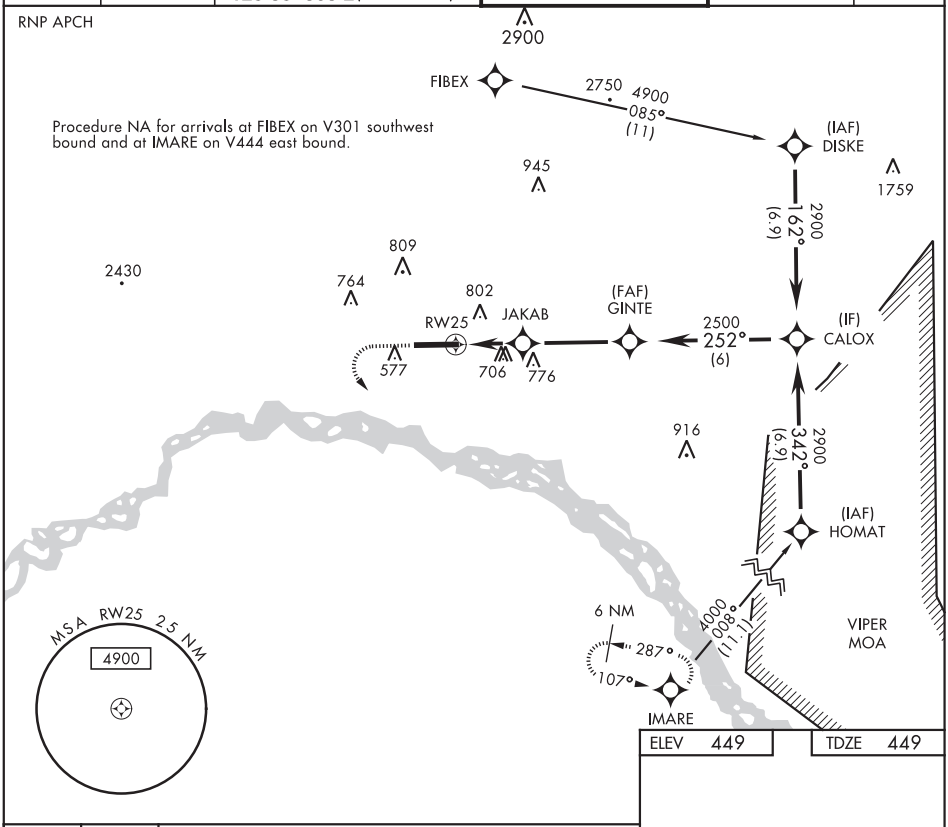
LADD AAF (PAFB)

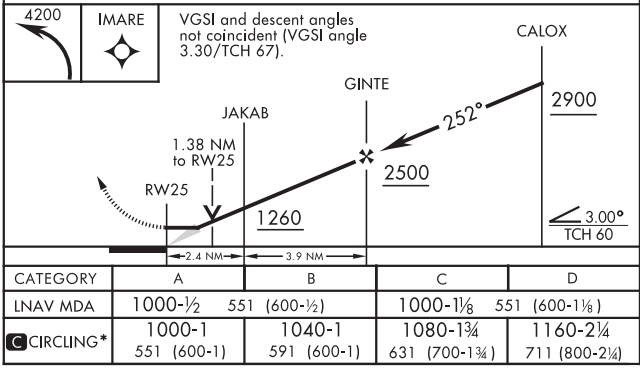
* Circling not authorized N of Rwy 7-25.

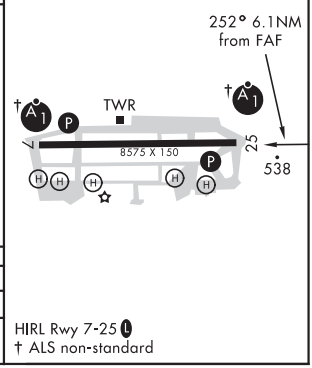
ALSF-1

MISSED APPROACH: Climbing left turn to 4200 direct IMARE and hold.

ATIS ★	ASOS	FAIRBANKS APP CON	LADD TOWER ★	GND CON	ASR/PAR
134.25	119.275	127.1 251.1 (360°- 179°) 125.35 363.2 (180°- 359°)	125.0 (CTAF) L 284.6	121.7 263.15	







CATEGORY	A	B	C	D
LNAV MDA	1000-½ 551 (600-½)		1000-1⅛ 551 (600-1⅛)	
C CIRCLING*	1000-1 551 (600-1)	1040-1 591 (600-1)	1080-1¾ 631 (700-1¾)	1160-2¼ 711 (800-2¼)

HIRL Rwy 7-25 L
† ALS non-standard

FAIRBANKS/FORT WAINWRIGHT, ALASKA

64°50′N-147°37′W

LADD AAF (PAFB)

Amdt 4 05DEC19

RNAV (GPS) RWY 25

AK, 05 NOV 2020 to 31 DEC 2020

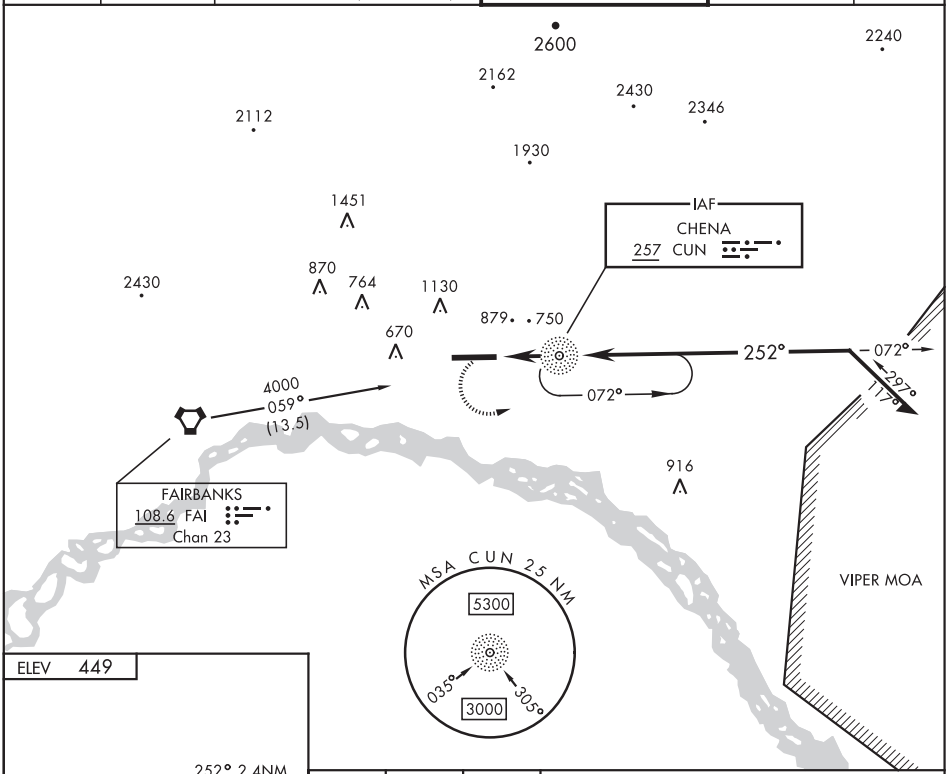
AK, 05 NOV 2020 to 31 DEC 2020

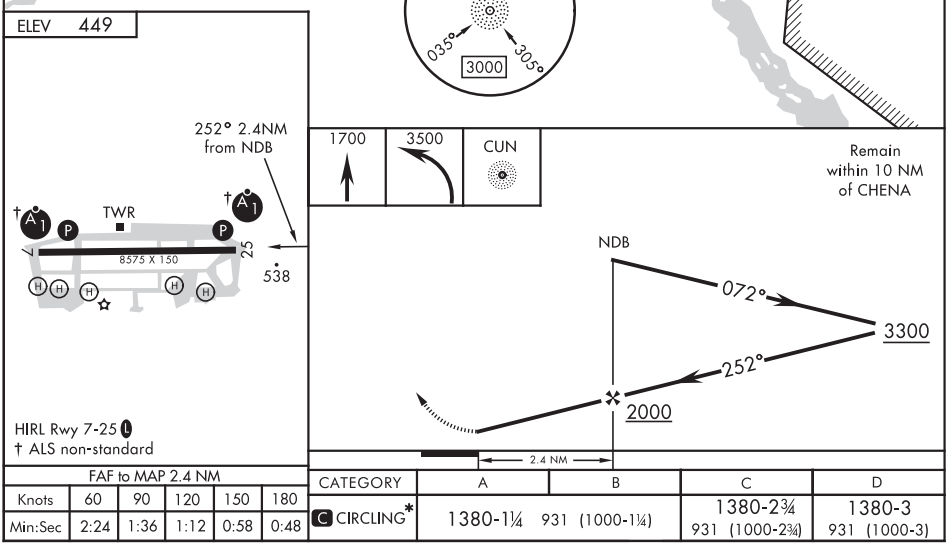
NDB CUN 257	APCH CRS 252°	Rwy ldg N/A TDZE N/A Arpt Elev 449	AL-1219 [USA]	LADD AAF (PAFB)

T A * Circling not authorized N of Rwy 7-25.

MISSED APPROACH: Climb to 1700 then climbing left turn to 3500 direct CUN NDB and hold, continue climb-in-hold to 3500.

ATIS ★	ASOS	FAIRBANKS APP CON	LADD TOWER ★	GND CON	ASR/PAR
134.25	119.275	127.1 251.1 (360°- 179°) 125.35 363.2 (180°- 359°)	125.0 (CTAF) L 284.6	121.7 263.15	





FAF to MAP 2.4 NM					
Knots	60	90	120	150	180
Min:Sec	2:24	1:36	1:12	0:58	0:48

CATEGORY	A	B	C	D
C CIRCLING*	1380-1¼ 931 (1000-1¼)		1380-2¾ 931 (1000-2¾)	1380-3 931 (1000-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

MANLEY HOT SPRINGS, ALASKA | AL-10889 (FAA) | 20198

RNAV (GPS) RWY 18
MANLEY HOT SPRINGS (MLY)(PAML)

WAAS CH 69541 W18A	APP CRS 203°	Rwy ldg 3400 TDZE 275 Apt Elev 275

RNP APCH.

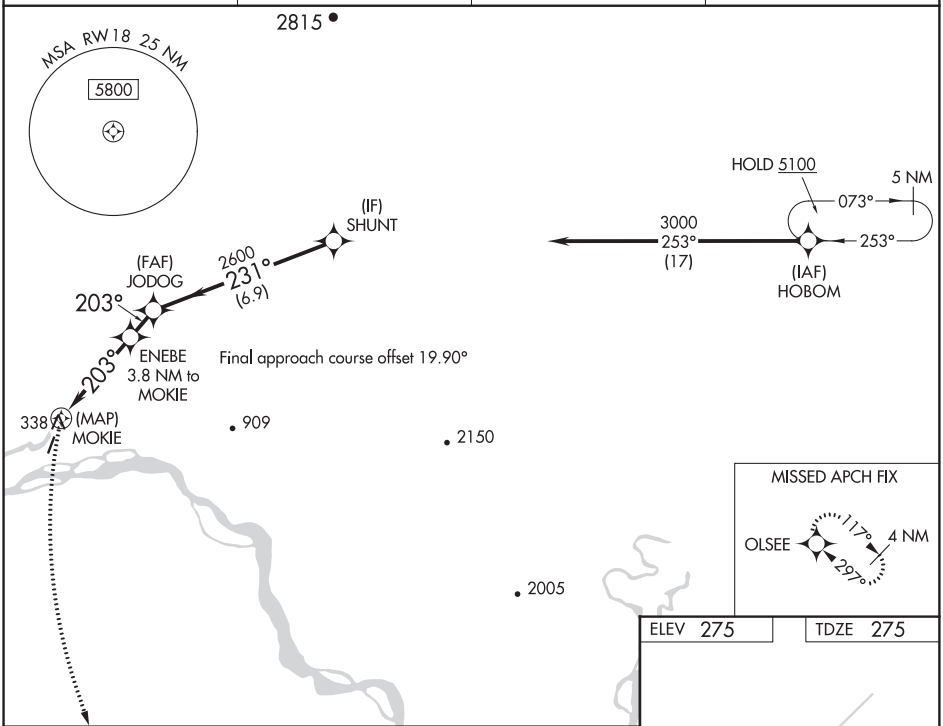
When Tanana altimeter setting not received, procedure NA. Circling NA west of Rwy 18-36. Rwy 18 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

NA

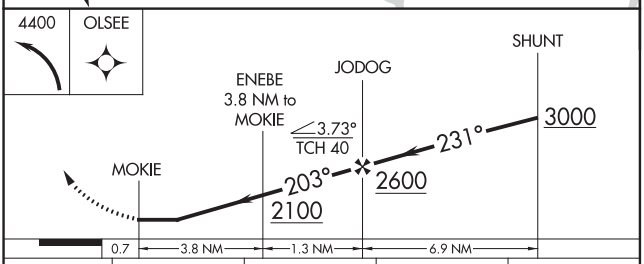
-22°C

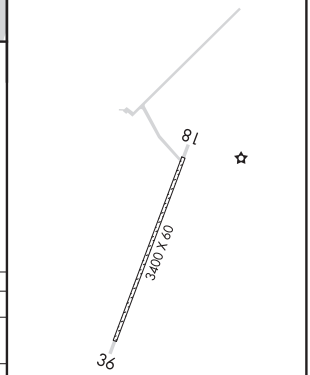
MISSED APPROACH: Climbing left turn to 4400 direct OLSEE and hold.

TAL/PATA ASOS	ANCHORAGE CENTER	FAIRBANKS RADIO	UNICOM
135.1	120.9 319.2	122.3 122.65	122.8 (CTAF) L



ELEV 275 | TDZE 275





MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
LP MDA	1860-1¼ 1585 (1600-1¼)	1860-1½ 1585 (1600-1½)	1860-3 1585 (1600-3)	NA
LNAV MDA	1960-1¼ 1685 (1700-1¼)	1960-1½ 1685 (1700-1½)	1960-3 1685 (1700-3)	NA
C CIRCLING	1960-1¼ 1685 (1700-1¼)	1960-1½ 1685 (1700-1½)	1960-3 1685 (1700-3)	NA

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AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 63141 W36A	APP CRS 022°	Rwy ldg 3400 TDZE 275 Apt Elev 275

RNAV (GPS) RWY 36
MANLEY HOT SPRINGS (MLY)(PAML)

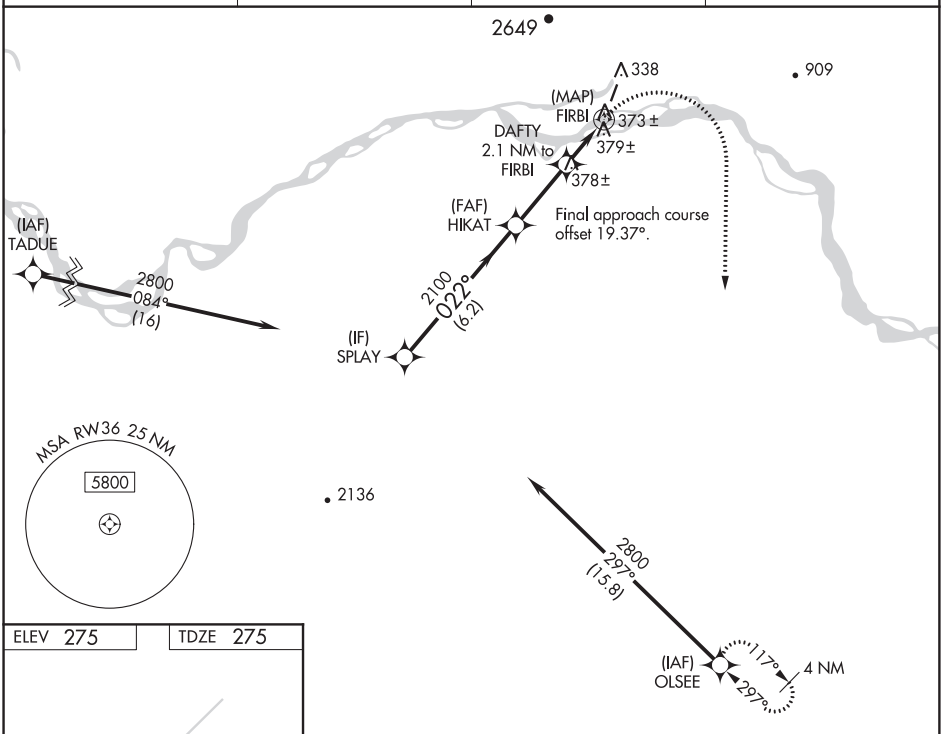
RNP APCH.

When Tanana altimeter setting not received, procedure NA.
Circling NA west of Rwy 18-36. Rwy 36 helicopter visibility reduction below ¾ SM NA. Procedure NA at night.

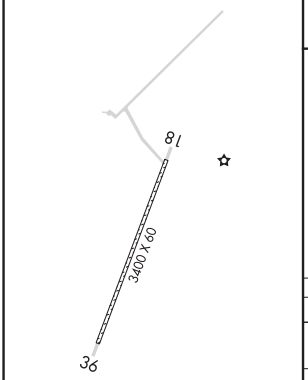
NA
-22°C

MISSED APPROACH: Climbing right turn to 4400 direct OLSEE and hold.

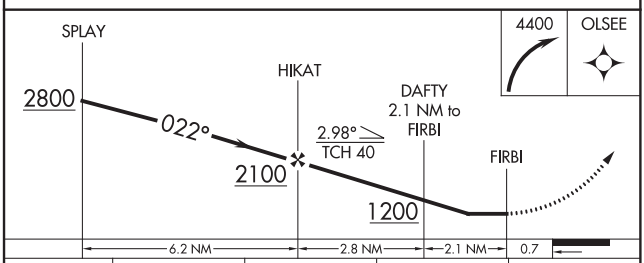
TAL/PATA ASOS	ANCHORAGE CENTER	FAIRBANKS RADIO	UNICOM
135.1	120.9 319.2	122.3 122.65	122.8 (CTAF) L



ELEV 275	TDZE 275



MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LP MDA	720-1 445 (500-1)		720-1⅜ 445 (500-1⅜)	NA
LNAV MDA	1020-1 745 (800-1)	1020-1¼ 745 (800-1¼)	1020-2 745 (800-2)	NA
C CIRCLING	1140-1¼ 865 (900-1¼)	1280-1¼ 1005 (1100-1¼)	1580-3 1305 (1400-3)	NA

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AK, 05 NOV 2020 to 31 DEC 2020

MANOKOTAK, ALASKA | AL-10163 (FAA) | 17173

APP CRS	Rwy ldg	3300
024°	TDZE	105
	Apt Elev	107

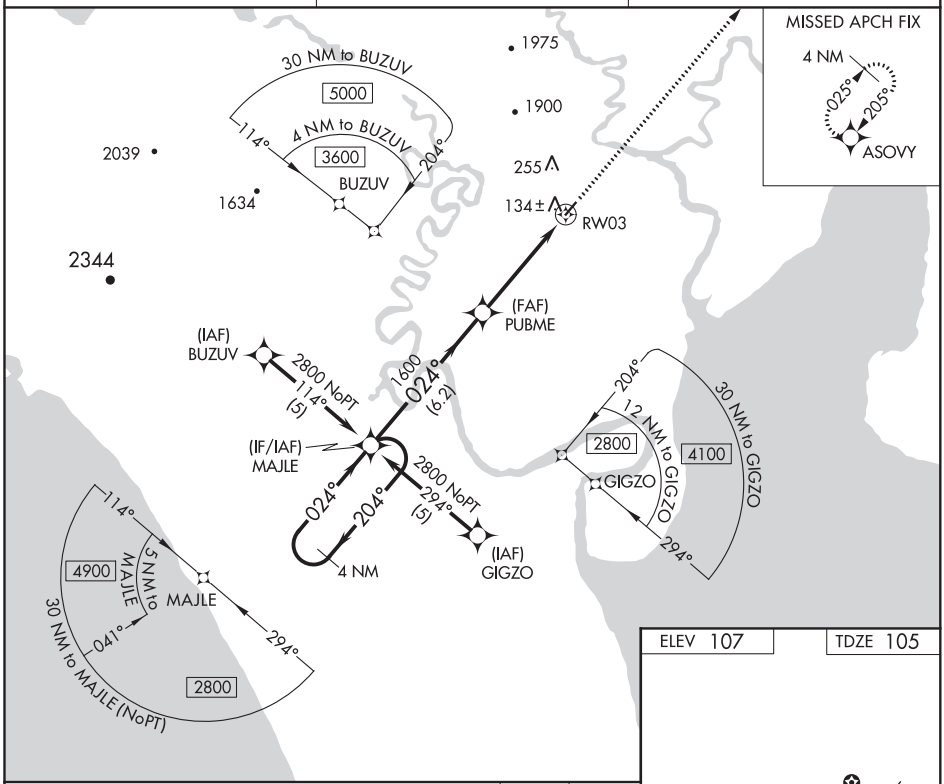
RNAV (GPS) RWY 3
MANOKOTAK (MBA) (PAMB)

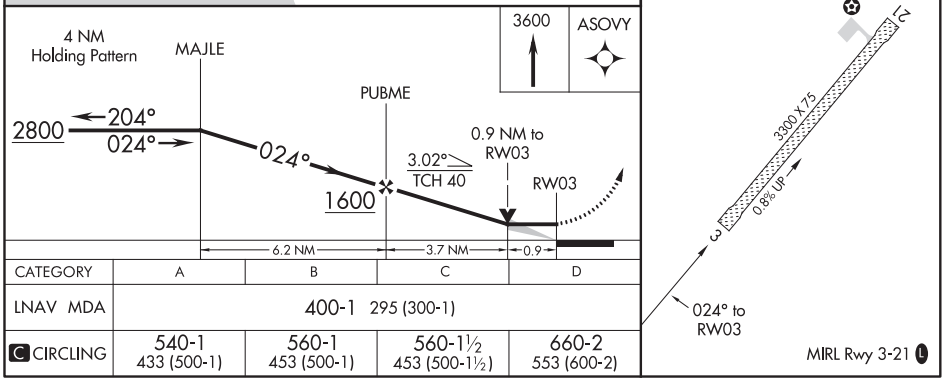
Circling NA northwest of Rwys 3 and 21. DME/DME RNP-0.3 NA. VDP NA when using Dillingham altimeter setting. When local altimeter setting not received use Dillingham altimeter setting and increase all MDA 40 feet and LNAV Cat D visibility ¼ SM. Rwy 3 helicopter visibilty below 1 SM NA.

-34°C

MISSED APPROACH: Climb to 3600 direct ASOVY and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
120.625	132.75 282.35	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	400-1 295 (300-1)			
C CIRCLING	540-1 433 (500-1)	560-1 453 (500-1)	560-1½ 453 (500-1½)	660-2 553 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	3300
204°	TDZE	107
	Apt Elev	107

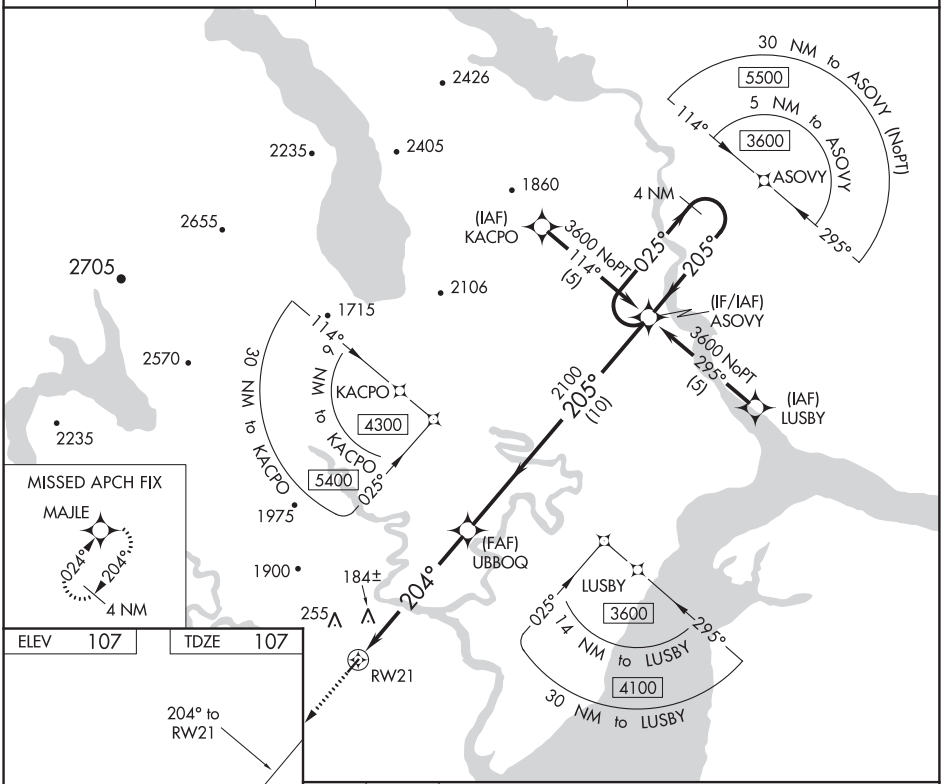
RNAV (GPS) RWY 21
MANOKOTAK (MBA) (PAMB)

Circling NA northwest of Rwys 3 and 21. DME/DME RNP-0.3 NA. VDP NA when using Dillingham altimeter setting. When local altimeter setting not received use Dillingham altimeter setting and increase all MDA 40 feet and increase LNAV Cat D visibility ¼ SM. Rwy 21 helicopter visibility below 1 SM NA.

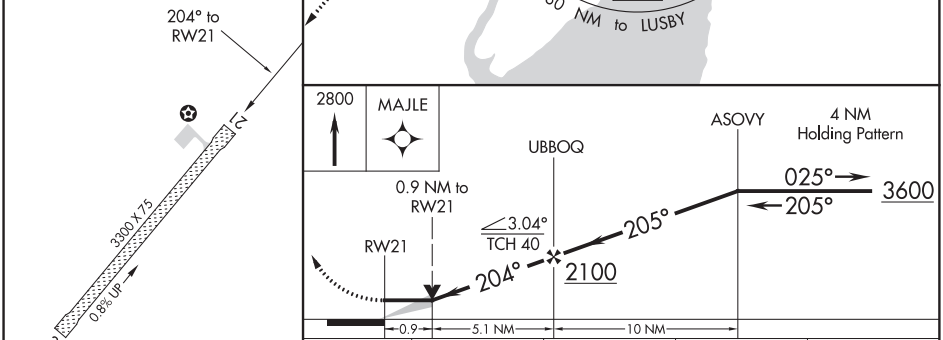
-34°C

MISSED APPROACH: Climb to 2800 direct MAJLE and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
120.625	132.75 282.35	122.9 L



ELEV 107	TDZE 107



CATEGORY	A	B	C	D
LNAV MDA	440-1 333 (400-1)			
C CIRCLING	540-1 433 (500-1)	560-1 453 (500-1)	560-1½ 453 (500-1½)	660-2 553 (600-2)

MIRL Rwy 3-21 L

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AK, 05 NOV 2020 to 31 DEC 2020

MARSHALL, ALASKA | AL-9736 (FAA) | 20198

WAAS CH 57929 W07A	APP CRS 072°	Rwy ldg 3200 TDZE 113 Apt Elev 115

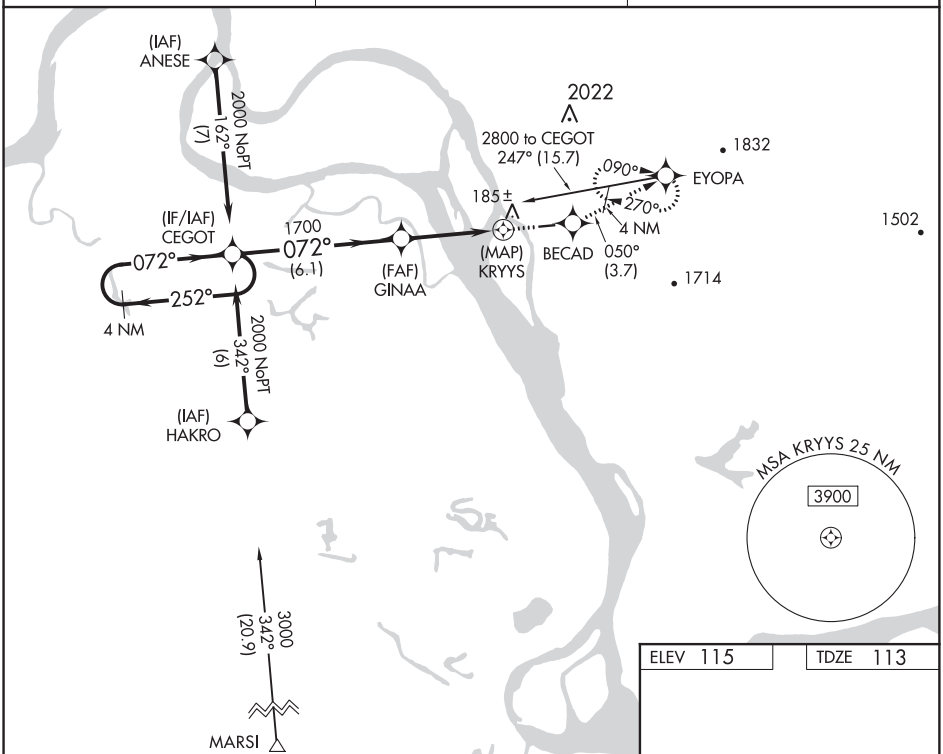
RNAV (GPS) RWY 7
MARSHALL DON HUNTER SR (MDM)(PADM)

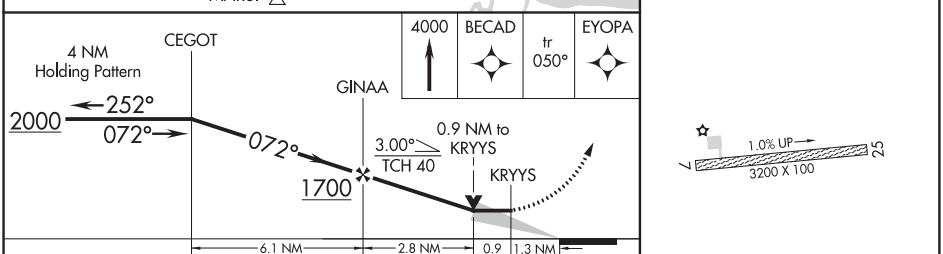
When local altimeter setting not received, use Russian Mission altimeter setting and increase all MDA 60 feet. DME/DME RNP-0.3 NA. VDP NA with Russian Mission altimeter setting.

-27°C

MISSED APPROACH: Climb to 4000 direct BECAD and on track 050° to EYOPA and hold, continue climb-in-hold to 4000.

AWOS-3P	ANCHORAGE CENTER	CTAF
119.675	124.0	122.9 L





ELEV 115 | TDZE 113

CATEGORY	A	B	C	D
LP MDA	820-1½	707 (800-1½)	NA	
LNAV MDA	1060-1½	947 (1000-1½)	NA	
CIRCLING	1060-1½	945 (1000-1½)	NA	

REIL Rwy 7 L
MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

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APP CRS	Rwy ldg	N/A
233°	TDZE	N/A
	Apt Elev	115

RNAV (GPS)-A

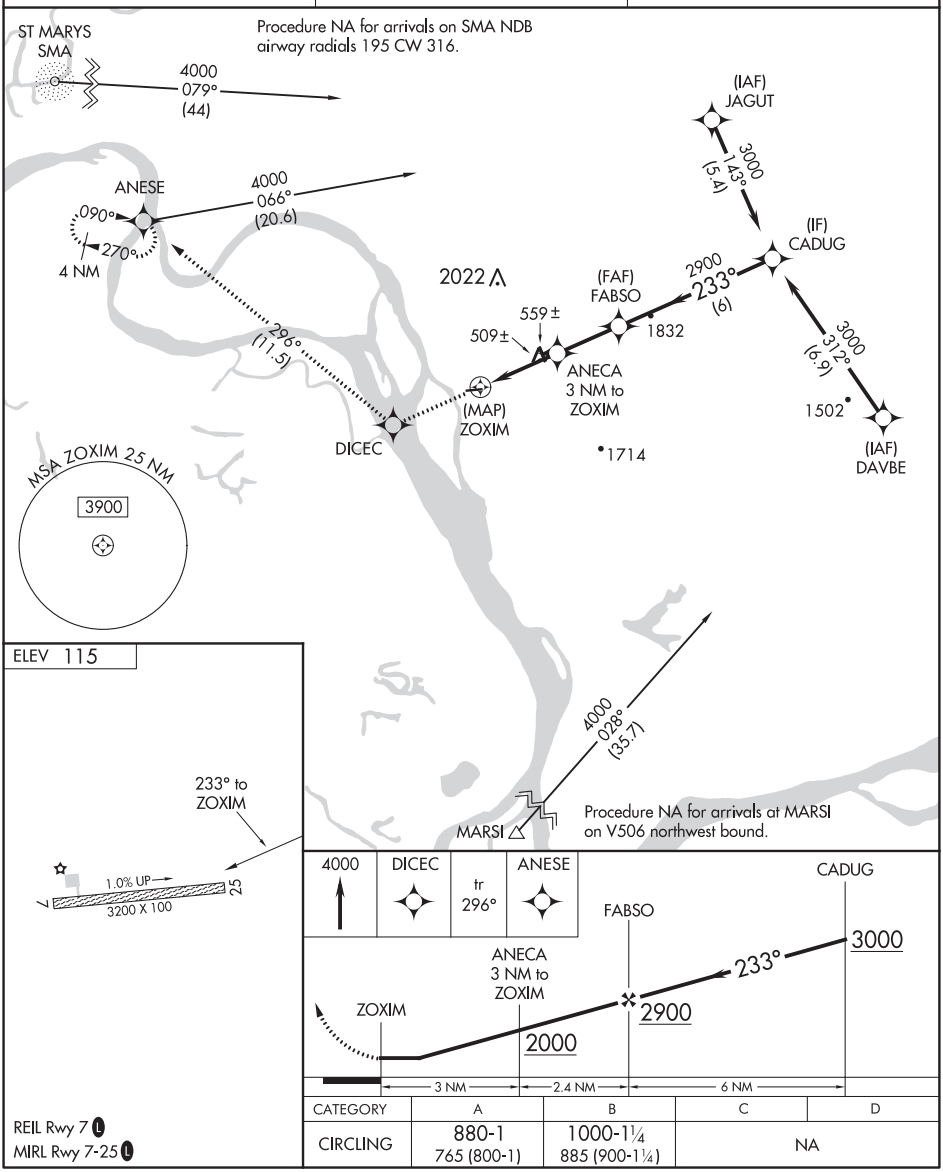
MARSHALL DON HUNTER SR (MDM) (PADM)

-27°C

When local altimeter setting not received, use Russian Mission altimeter setting and increase Cat B MDA 60 feet.
DME/DME RNP- 0.3 NA.

MISSED APPROACH: Climb to 4000 direct DICEC and on track 296° to ANESE and hold, continue climb-in-hold to 4000.

AWOS-3P	ANCHORAGE CENTER	CTAF
119.675	124.0	122.9 L



CATEGORY	A	B	C	D
CIRCLING	880-1 765 (800-1)	1000-1¼ 885 (900-1¼)	NA	

REIL Rwy 7 L
MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

(BIBNE3.BIBNE) 16259

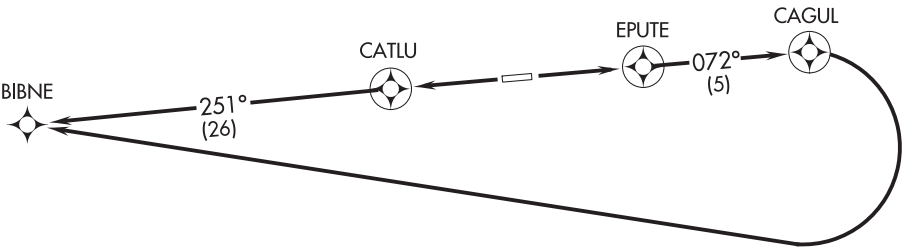
MARSHALL DON HUNTER SR (MDM)(PADM)

BIBNE THREE DEPARTURE (OBSTACLE) (RNAV)

SL-9736 (FAA)

MARSHALL, ALASKA

ANCHORAGE CENTER
124.0
AWOS-3P
119.675



NOTE: GPS required.

NOTE: Pilots of RNP capable aircraft use RNP 1.0.

NOTE: RNAV 1.

TAKEOFF MINIMUMS

Rwy 7: Standard with minimum climb of 415′ per NM to 3000.
Rwy 25: Standard.

TAKEOFF OBSTACLE NOTES

Rwy 7: Lights beginning 9′ from DER, 40′ right of centerline, up to 3′ AGL/117′ MSL.
Lights beginning 9′ from DER, 39′ left of centerline, up to 3′ AGL/117′ MSL.
Trees beginning 1.1 NM from DER, 2110′ right of centerline, 60′ AGL/309′ MSL.
Trees beginning 1.8 NM from DER, 1199′ right of centerline, up to 60′ AGL/709′ MSL.
Rising terrain 1.4 NM from DER, 1605′ right of centerline, up to 651′ MSL
Rwy 25: Lights beginning 9′ from DER, 40′ right of centerline, up to 6′ AGL/84′ MSL.
Lights beginning 9′ from DER, 39′ left of centerline, up to 3′ AGL/84′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb to 3000 direct EPUTE, and on track 072° to CAGUL and climbing right turn direct BIBNE, before proceeding on course.

TAKEOFF RUNWAY 25: Climb to 3000 direct CATLU, and on track 251° to BIBNE, before proceeding on course.

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WAAS CH 90226 W16A	APP CRS 160°	Rwy ldg 4843 TDZE 341 Apt Elev 341

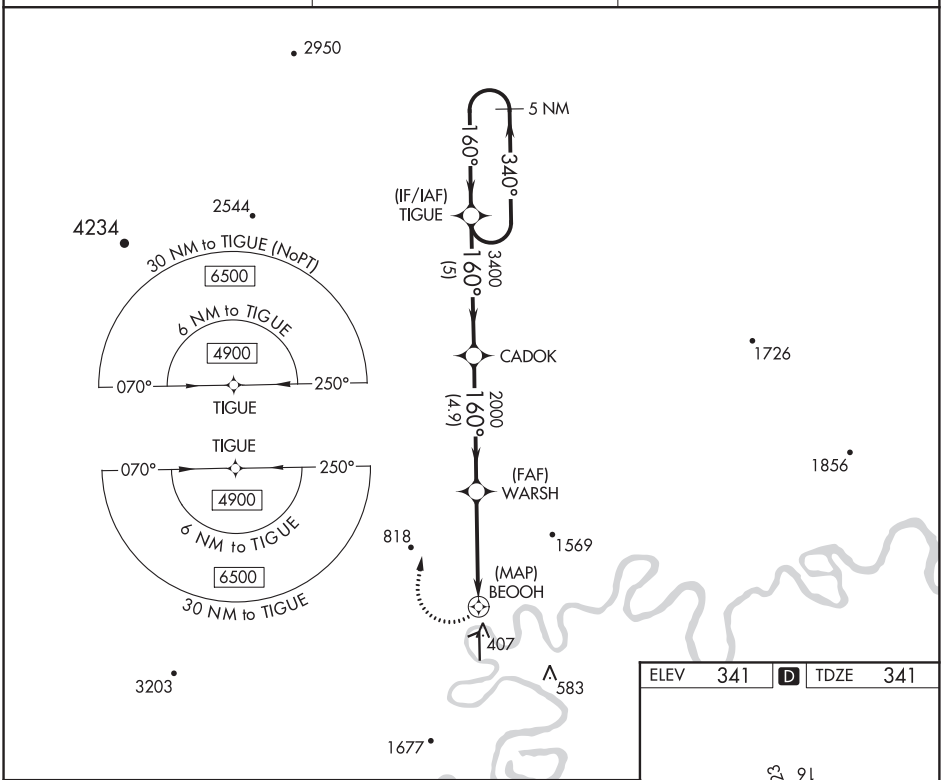
RNAV (GPS) RWY 16
MC GRATH (MCG) (PAMC)

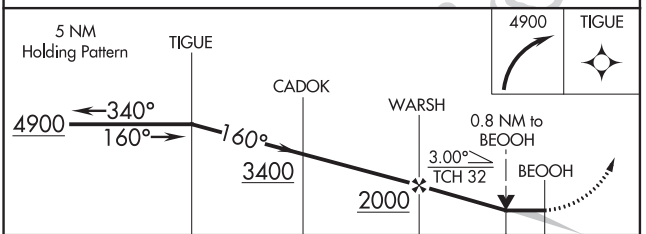
DME/DME RNP-0.3 NA.

-46°C

MISSED APPROACH: Climbing right turn to 4900 direct TIGUE and hold, continue climb-in-hold to 4900.

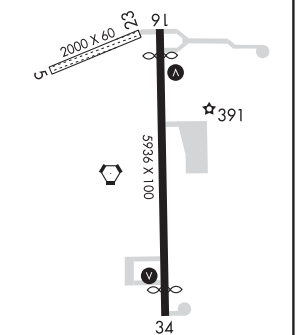
ASOS	ANCHORAGE CENTER	MCGRATH RADIO
135.65	128.1 353.8	123.6 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	960-1¼ 619 (700-1¼)		960-1¾ 619 (700-1¾)	
LNAV MDA	960-1¼ 619 (700-1¼)		960-1¾ 619 (700-1¾)	
CIRCLING	960-1¼ 619 (700-1¼)		960-1¾ 619 (700-1¾)	1180-2¾ 839 (900-2¾)

ELEV 341	D	TDZE 341



MIRL Rwys 5-23 and 16-34 L

REIL Rwys 16 and 34 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

MCGRATH, ALASKA | AL-1225 (FAA) | 20310

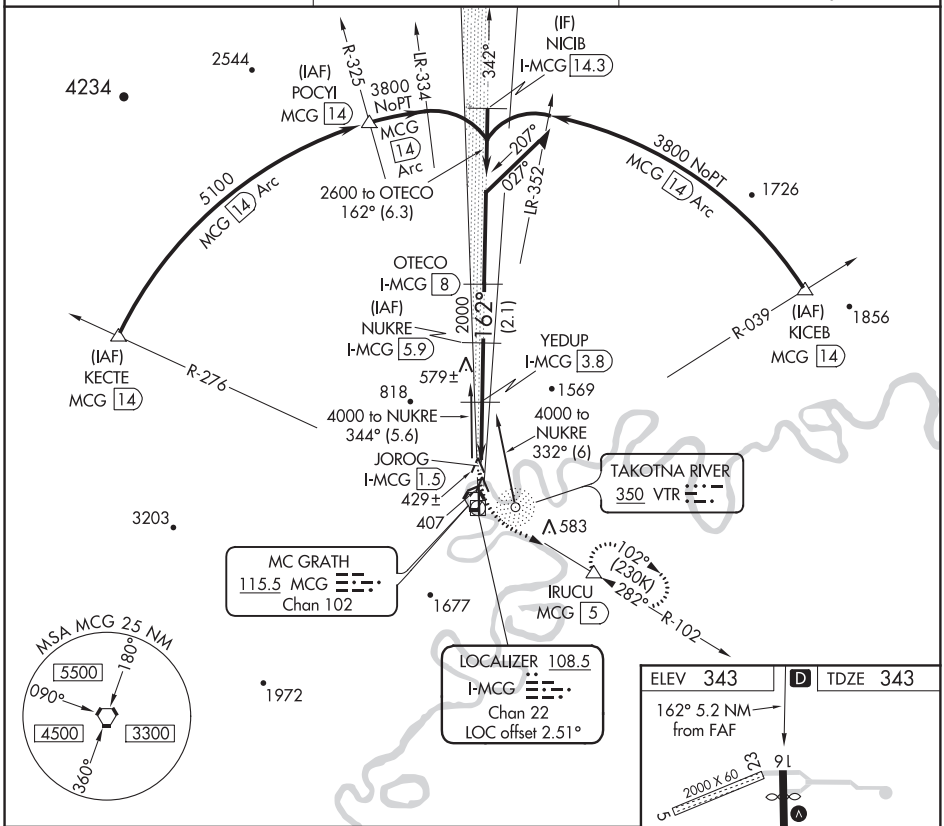
LOC/DME RWY 16
MC GRATH (MCG)(PAMC)

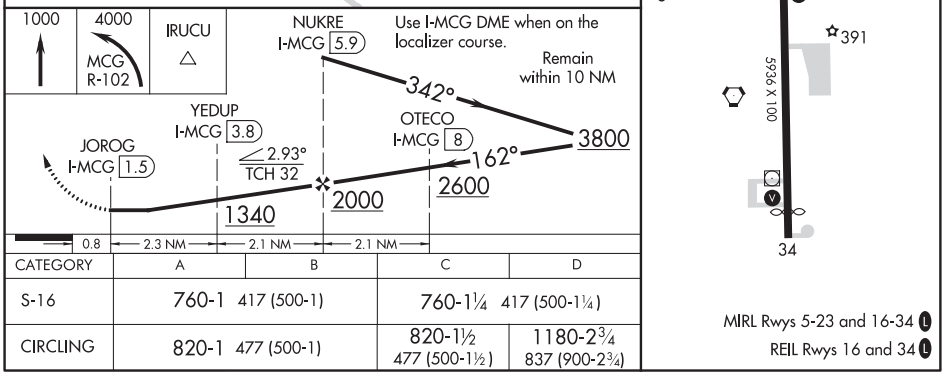
LOC/DME I-MCG	APP CRS	Rwy ldg	4843
108.5	162°	TDZE	343
Chan 22		Apt Elev	343

-46°C

MISSED APPROACH: Climb to 1000 then climbing left turn to 4000 via MCG VORTAC R-102 to IRUCU/MCG 5 DME and hold, continue climb-in-hold to 4000.

ASOS	ANCHORAGE CENTER	MCGRATH RADIO
135.65	128.1 353.8	123.6 (CTAF) L





CATEGORY	A	B	C	D
S-16	760-1 417 (500-1)		760-1¼ 417 (500-1¼)	
CIRCLING	820-1 477 (500-1)		820-1½ 477 (500-1½)	1180-2¾ 837 (900-2¾)

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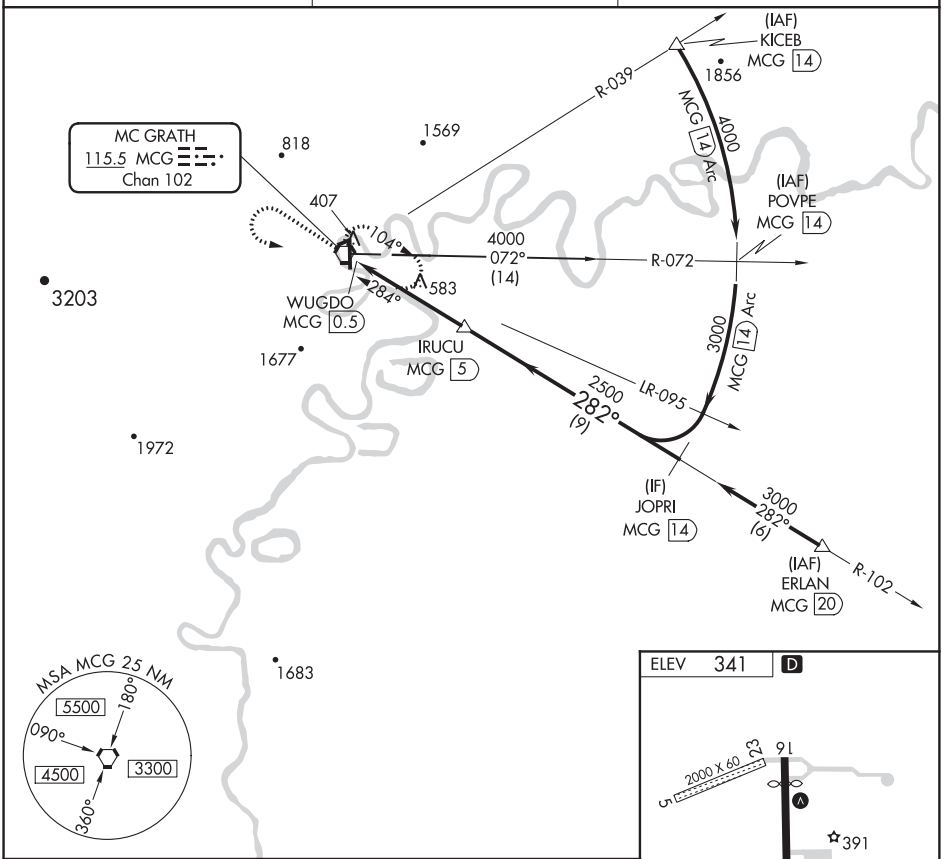
VORTAC MCG	APP CRS	Rwy ldg	N/A
115.5	282°	TDZE	N/A
Chan 102		Apt Elev	341

VOR/DME-C
MC GRATH (MCG)(PAMC)

-46°C

MISSED APPROACH: Climb to 2200 then climbing left turn to 4000 direct MCG VORTAC and hold, continue climb-in-hold to 4000.

ASOS	ANCHORAGE CENTER	MCGRATH RADIO
135.65	128.1 353.8	123.6 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	1060-1 719 (800-1)		1060-2 719 (800-2)	1180-2¾ 839 (900-2¾)

MIRL Rwys 5-23 and 16-34 L
REIL Rwys 16 and 34 L

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AK, 05 NOV 2020 to 31 DEC 2020

MEKORYUK, ALASKA

AL-6821 (FAA)

17341

RNAV (GPS) RWY 5

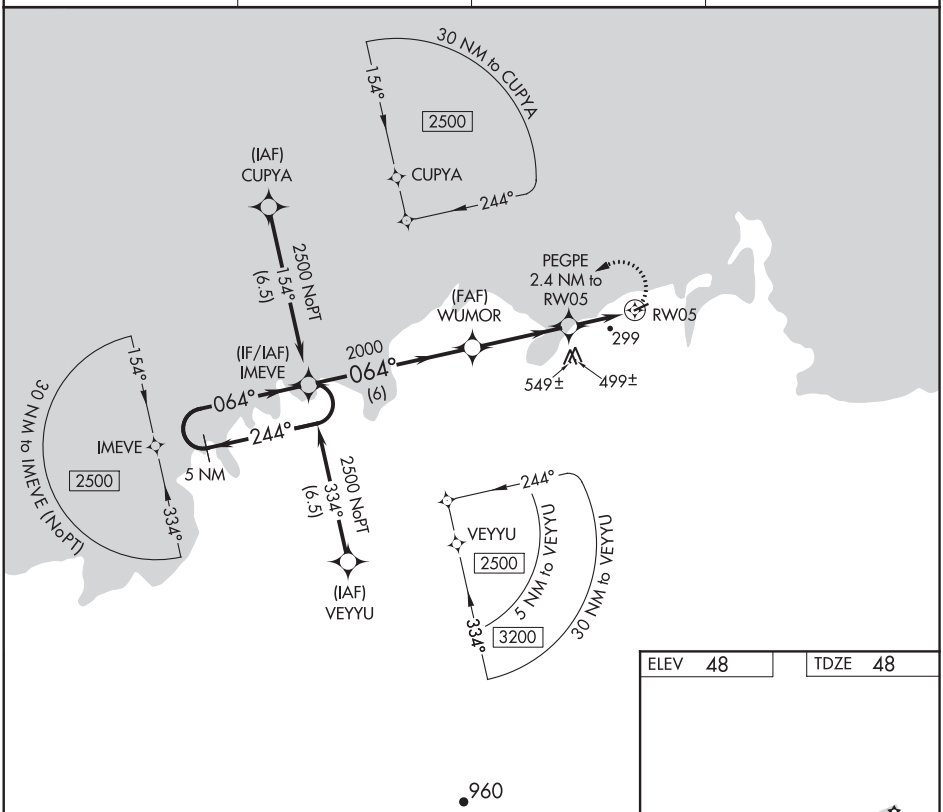
MEKORYUK (MYU) (PAMY)

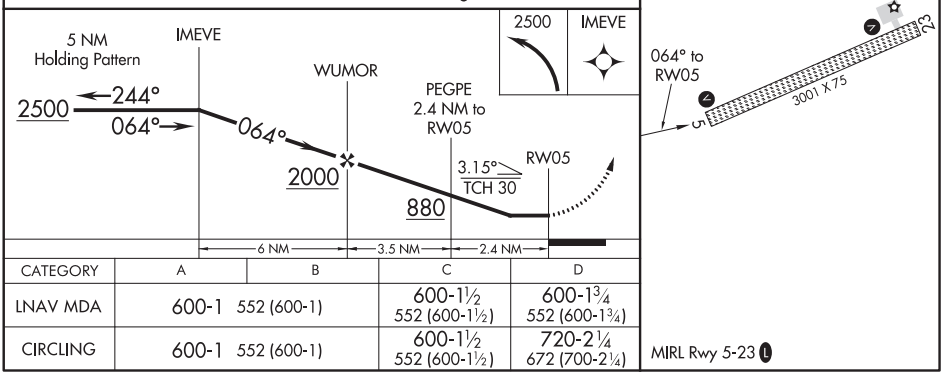
APP CRS	Rwy ldg	3001
064°	TDZE	48
	Apt Elev	48

DME/DME RNP-0.3 NA.
Visibility reduction by helicopters NA.

MISSED APPROACH: Climbing left turn to 2500 direct IMEVE and hold.

AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	CTAF
123.9	124.5 372.0	122.0	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	600-1 552 (600-1)		600-1½ 552 (600-1½)	600-1¾ 552 (600-1¾)
CIRCLING	600-1 552 (600-1)		600-1½ 552 (600-1½)	720-2¼ 672 (700-2¼)

MEKORYUK, ALASKA
Orig 23NOV06

60°22′N-166°16′W

MEKORYUK (MYU) (PAMY)
RNAV (GPS) RWY 5

AK, 05 NOV 2020 to 31 DEC 2020

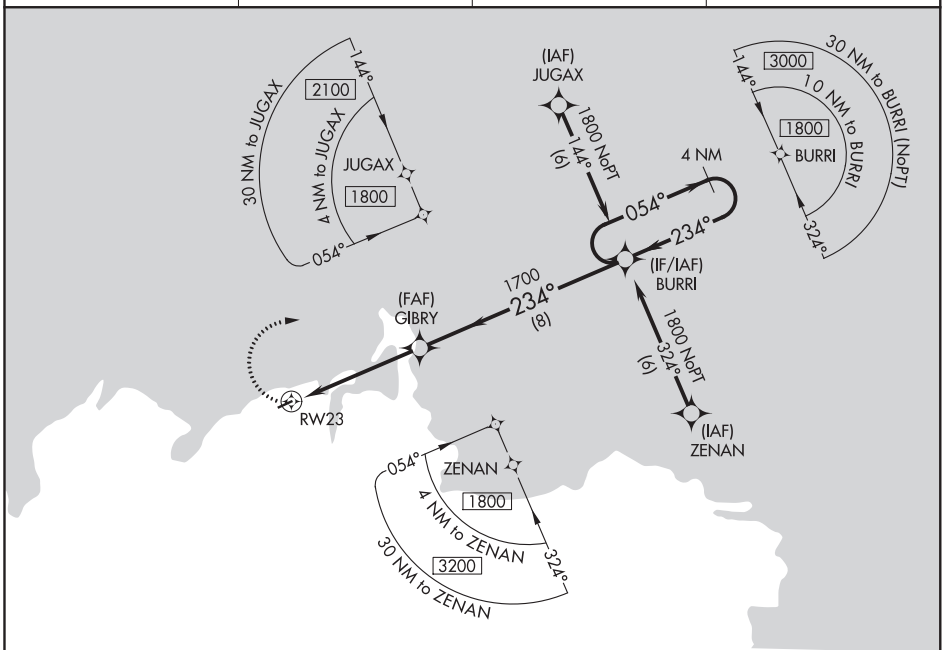
AK, 05 NOV 2020 to 31 DEC 2020

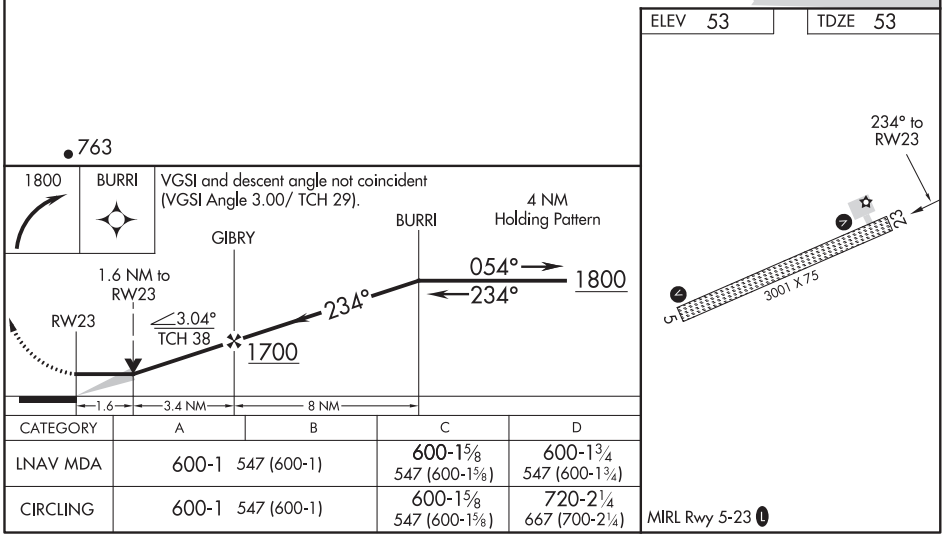
APP CRS	Rwy ldg	3001
234°	TDZE	53
	Apt Elev	53

RNAV (GPS) RWY 23
MEKORYUK (MYU) (PAMY)

DME/DME RNP-0.3 NA.	MISSED APPROACH: Climbing right turn to 1800 direct BURRI and hold.

AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	CTAF
123.9	124.5 372.0	122.0	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	600-1 547 (600-1)		600-1⅝ 547 (600-1⅝)	600-1¾ 547 (600-1¾)
CIRCLING	600-1 547 (600-1)		600-1⅝ 547 (600-1⅝)	720-2¼ 667 (700-2¼)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

MIDDLETON ISLAND, ALASKA | AL-2115 (FAA) | 20254

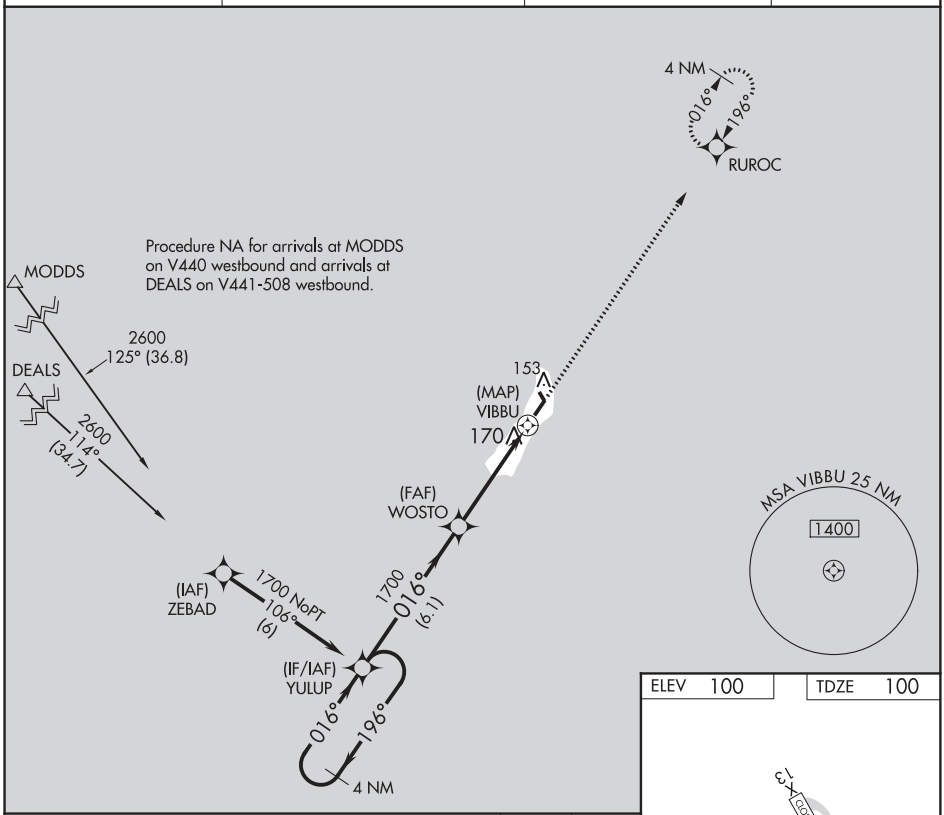
RNAV (GPS) RWY 2
MIDDLETON ISLAND (MDO) (PAMD)

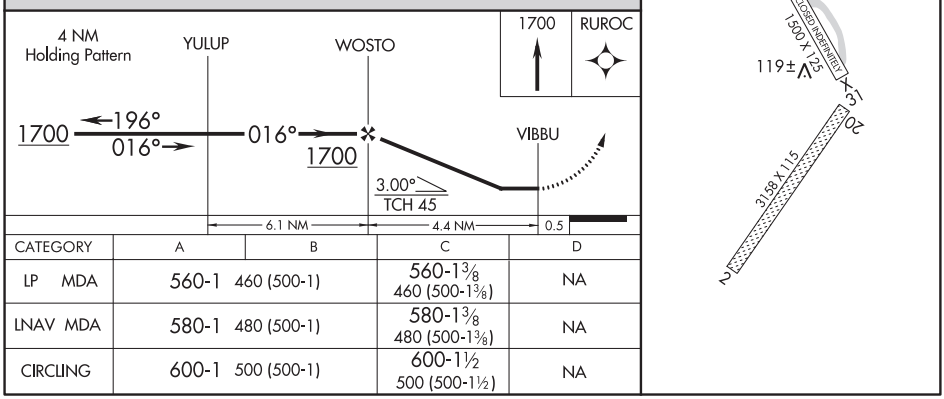
WAAS CH 86427 W02A	APP CRS 016°	Rwy ldg 3158 TDZE 100 Apt Elev 100

DME/DME RNP-0.3 NA Procedure NA at night.
Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 1700 direct RUROC and hold.

AWOS-3P	ANCHORAGE CENTER	JUNEAU RADIO	CTAF
135.725	133.6 269.4	122.05	122.9





CATEGORY	A	B	C	D
LP MDA	560-1 460 (500-1)		560-1 3/8 460 (500-1 3/8)	NA
LNAV MDA	580-1 480 (500-1)		580-1 3/8 480 (500-1 3/8)	NA
CIRCLING	600-1 500 (500-1)		600-1 1/2 500 (500-1 1/2)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

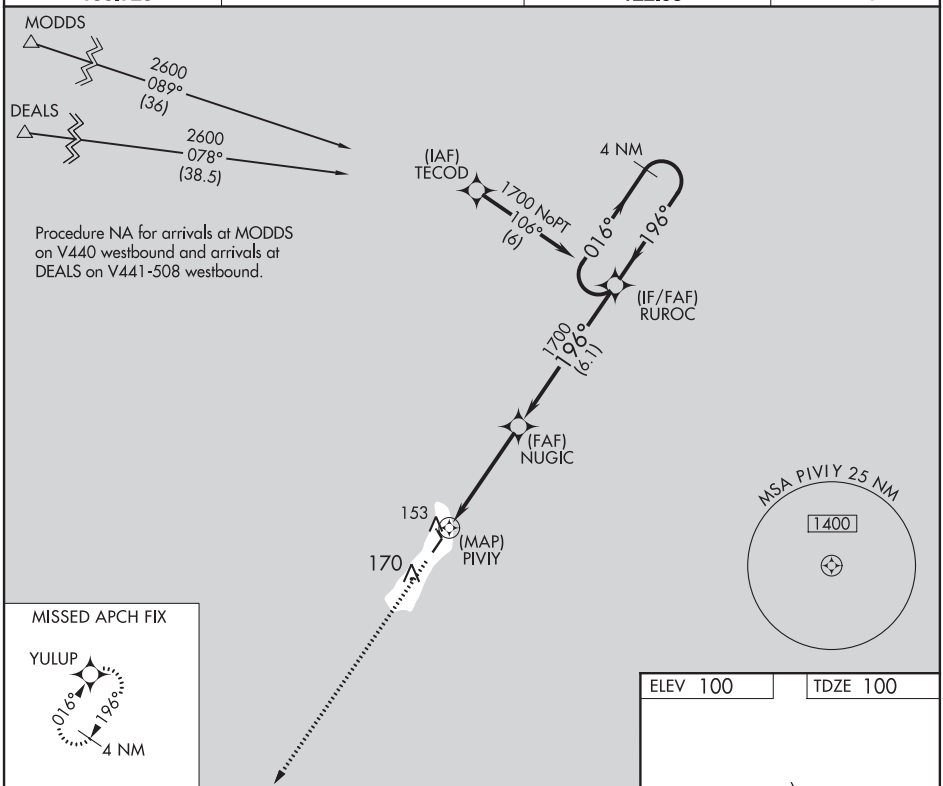
WAAS CH 42627 W20A	APP CRS 196°	Rwy ldg 3158 TDZE 100 Apt Elev 100

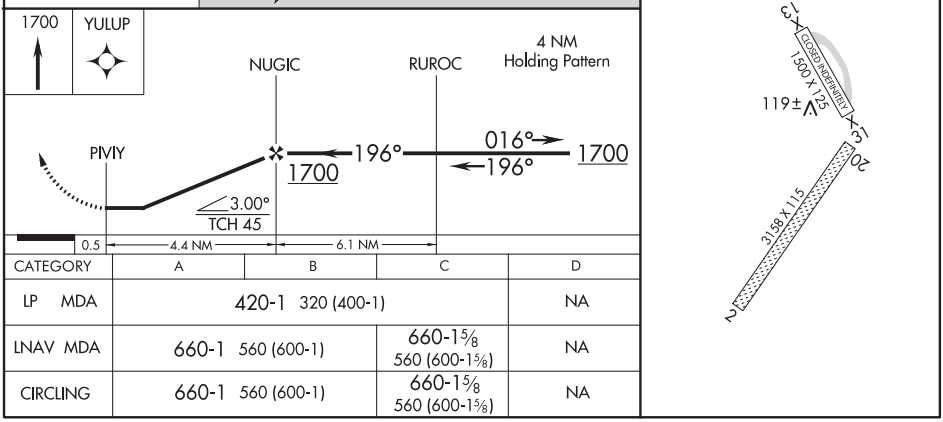
RNAV (GPS) RWY 20
MIDDLETON ISLAND (MDO) (PAMD)

DME/DME RNP-0.3 NA. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 1700 direct YULUP and hold.

AWOS-3P	ANCHORAGE CENTER	JUNEAU RADIO	CTAF
135.725	133.6 269.4	122.05	122.9





CATEGORY	A	B	C	D
LP MDA	420-1 320 (400-1)			NA
LNAV MDA	660-1 560 (600-1)		660-1⅝ 560 (600-1⅝)	NA
CIRCLING	660-1 560 (600-1)		660-1⅝ 560 (600-1⅝)	NA

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AK, 05 NOV 2020 to 31 DEC 2020

VOR/DME MDO	APP CRS	Rwy ldg	3158
115.3	022°	TDZE	100
Chan 100		Apt Elev	100

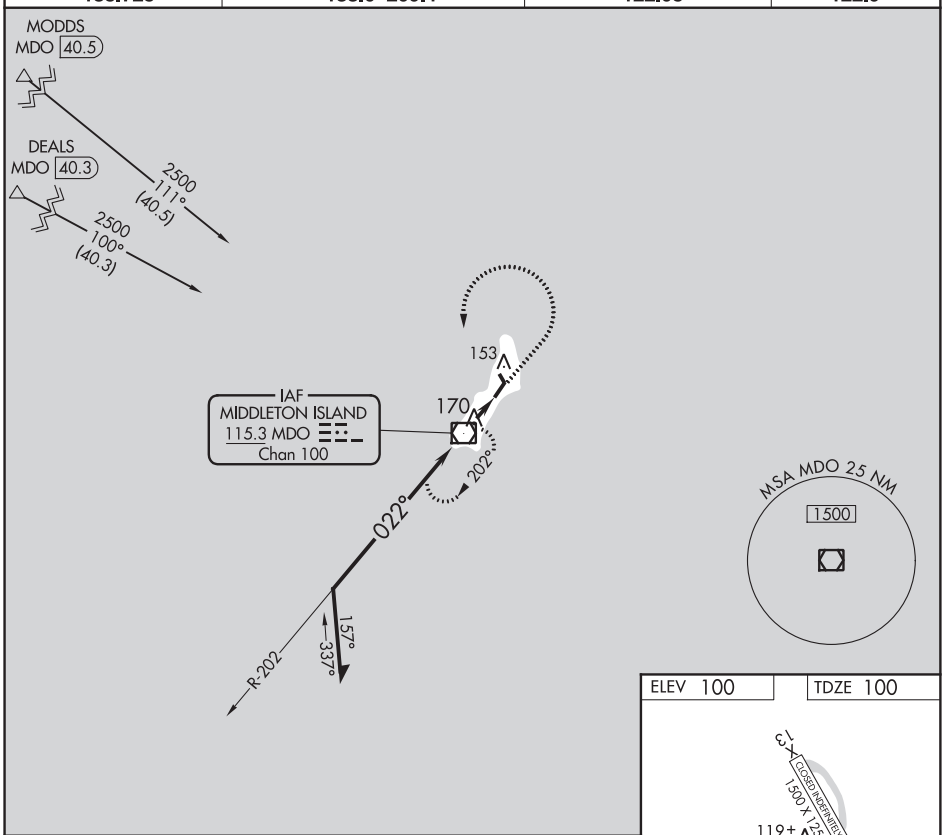
VOR RWY 2

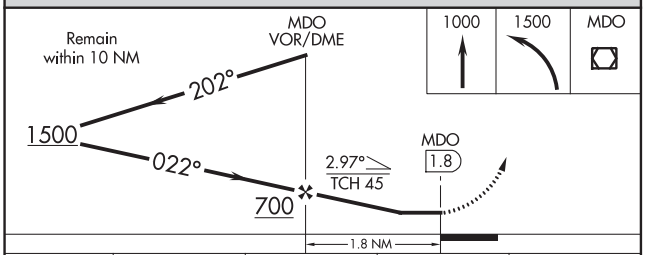
MIDDLETON ISLAND (MDO) (PAMD)

When local altimeter setting not received, procedure NA.
Procedure NA at night.
Helicopter visibility reduction below 1 SM NA.

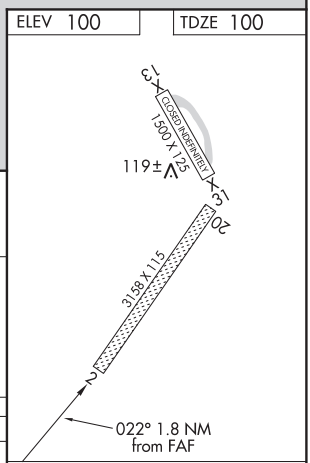
MISSED APPROACH: Climb to 1000 then climbing left turn to 1500 direct MDO VOR/DME and hold.

AWOS-3P	ANCHORAGE CENTER	JUNEAU RADIO	CTAF
135.725	133.6 269.4	122.05	122.9





CATEGORY	A	B	C	D
S-2	560-1 460 (500-1)		560-1 3/8 460 (500-1 3/8)	NA
CIRCLING	600-1 500 (500-1)		600-1 1/2 500 (500-1 1/2)	NA



FAF to MAP 1.8 NM

Knots	60	90	120	150	180
Min:Sec	1:48	1:12	0:54	0:43	0:36

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) RWY 3
MINCHUMINA (MHM) (PAMH)

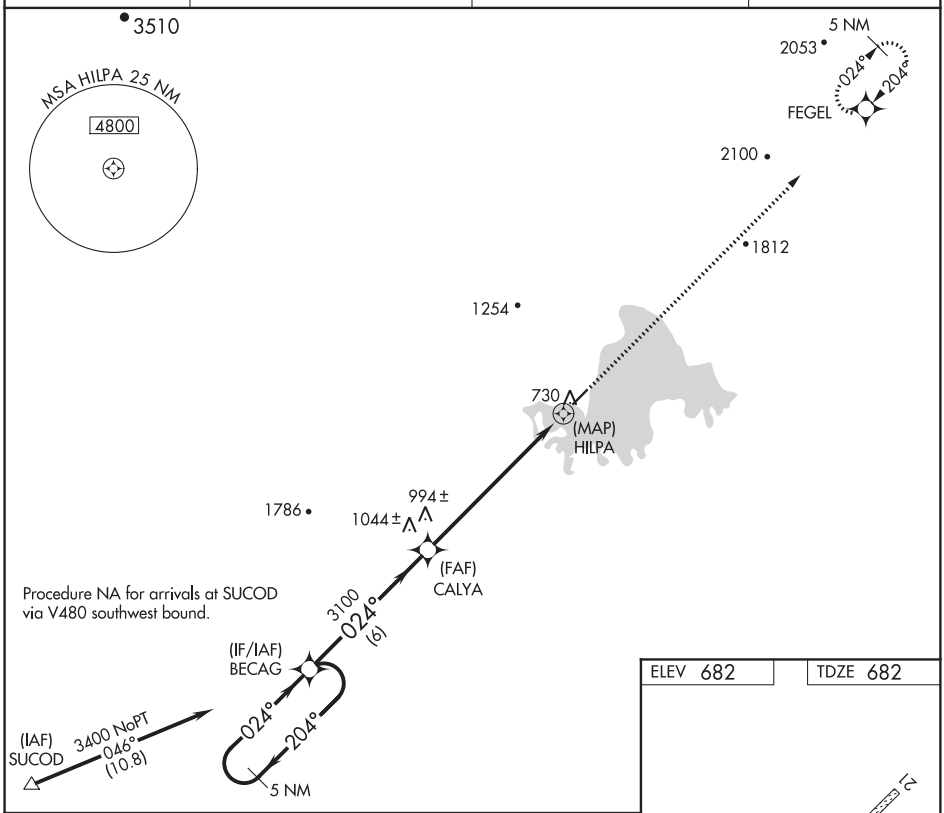
APP CRS	Rwy ldg	4184
024°	TDZE	682
	Apt Elev	682

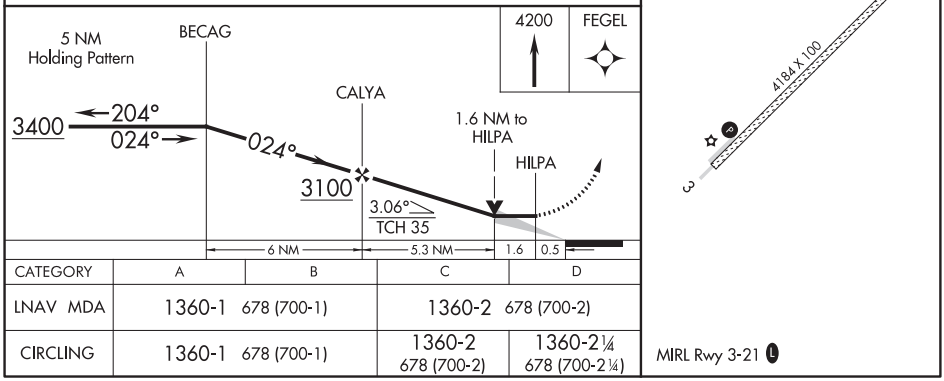
T A -37°C

DME/DME RNP-0.3 NA.
Circling NA west of Rwy 3-21.

MISSED APPROACH: Climb to 4200 direct FEGEL and hold.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.55	120.9 319.2	122.2	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	1360-1 678 (700-1)		1360-2 678 (700-2)	
CIRCLING	1360-1 678 (700-1)		1360-2 678 (700-2)	1360-2¼ 678 (700-2¼)

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AK, 05 NOV 2020 to 31 DEC 2020

MINCHUMINA, ALASKA | AL-1224 (FAA) | 20310

RNAV (GPS) RWY 21
MINCHUMINA (MHM) (PAMH)

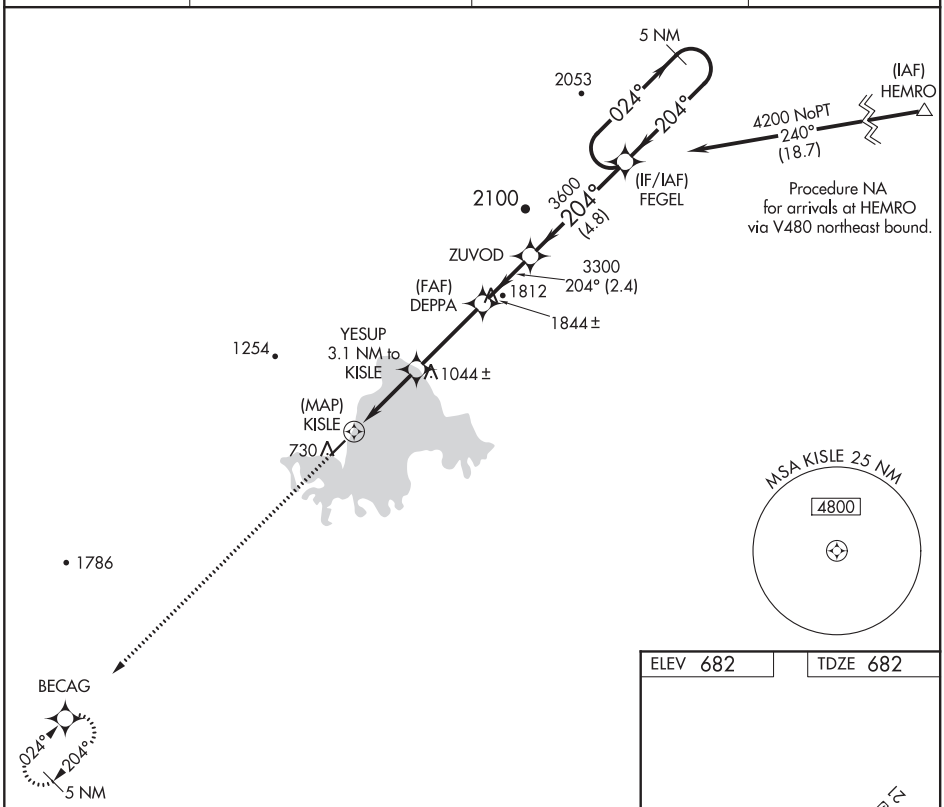
APP CRS	Rwy ldg	4184
204°	TDZE	682
	Apt Elev	682

T A -37°C

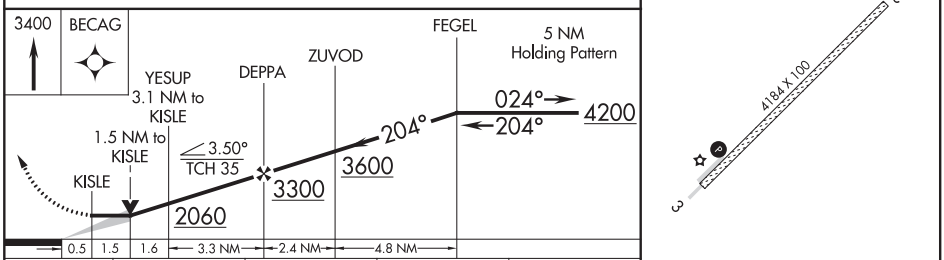
DME/DME RNP-0.3 NA.
Circling NA west of Rwy 3-21.

MISSED APPROACH: Climb to 3400 direct BECAG and hold.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.55	120.9 319.2	122.2	122.9 L



ELEV 682	TDZE 682



CATEGORY	A	B	C	D
LNAV MDA	1460-1 778 (800-1)	1460-1¼ 778 (800-1¼)	1460-2½ 778 (800-2½)	
C CIRCLING	1460-1 778 (800-1)	1460-1¼ 778 (800-1¼)	1460-2½ 778 (800-2½)	

MIRL Rwy 3-21 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

NDB MHM	APP CRS	Rwy ldg	4184
227	007°	TDZE	682
		Apt Elev	682

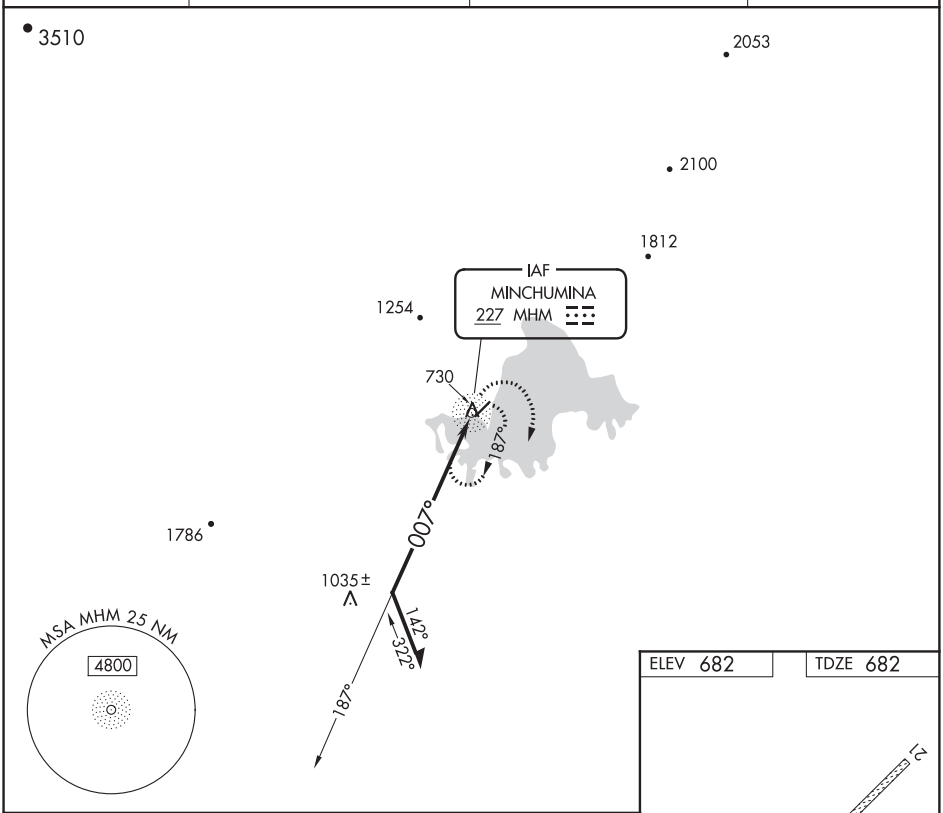
NDB RWY 3
MINCHUMINA (MHM) (PAMH)

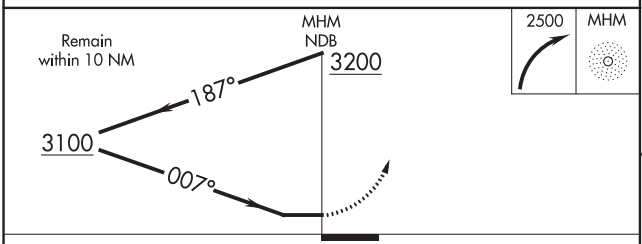
T A -37°C

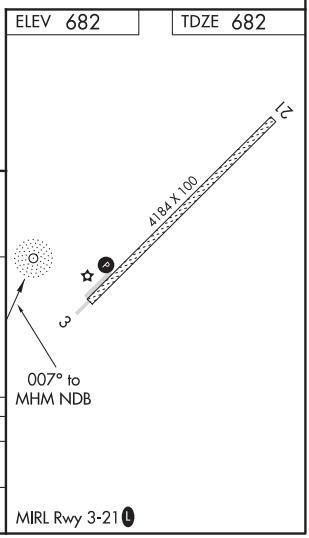
Circling NA west of Rwy 3-21.

MISSED APPROACH: Climbing right turn to 2500 in MHM NDB holding pattern.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.55	120.9 319.2	122.2	122.9 L







CATEGORY	A	B	C	D
S-3	1600-1¼ 918 (1000-1¼)		1600-2¾ 918 (1000-2¾)	1600-3 918 (1000-3)
C CIRCLING	1600-1¼ 918 (1000-1¼)		1600-2¾ 918 (1000-2¾)	1600-3 918 (1000-3)

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AK, 05 NOV 2020 to 31 DEC 2020

MOUNTAIN VILLAGE, ALASKA | AL-9445 (FAA) | 20030

WAAS CH 56244 W02A	APP CRS 022°	Rwy ldg 3501 TDZE 334 Apt Elev 339

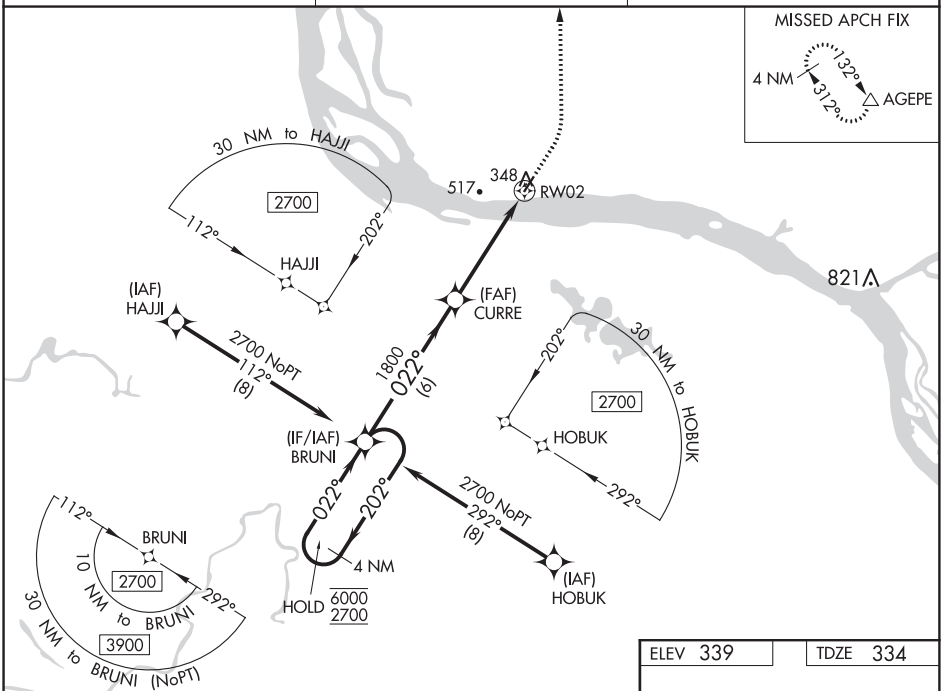
RNAV (GPS) RWY 2
MOUNTAIN VILLAGE (MOU) (PAMO)

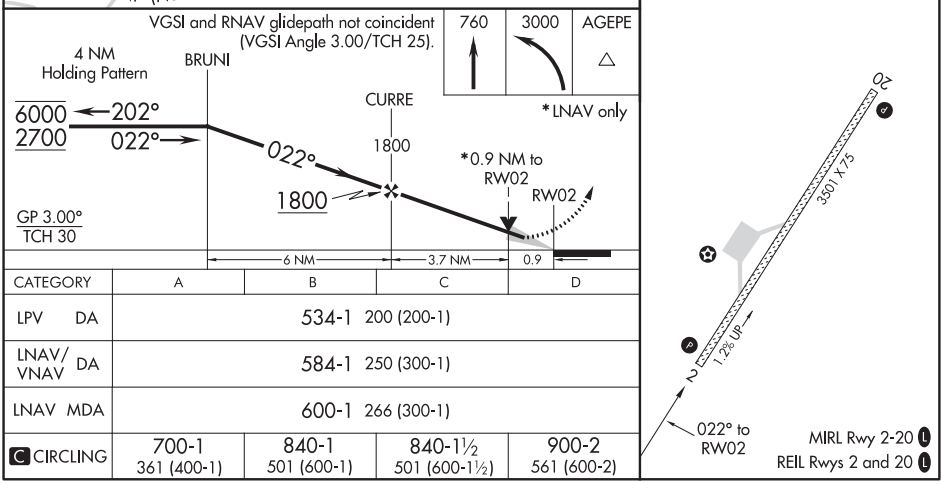
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 54°C.

MISSED APPROACH: Climb to 760 then climbing left turn to 3000 direct AGEPE and hold, continue climb-in-hold to 3000.

AWOS-3P	ANCHORAGE CENTER	CTAF
118.35	124.0	122.9 L





CATEGORY	A	B	C	D
LPV DA	534-1 200 (200-1)			
LNAV/VNAV DA	584-1 250 (300-1)			
LNAV MDA	600-1 266 (300-1)			
C CIRCLING	700-1 361 (400-1)	840-1 501 (600-1)	840-1½ 501 (600-1½)	900-2 561 (600-2)

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WAAS CH 60944 W20A	APP CRS 203°	Rwy ldg 3501 TDZE 339 Apt Elev 339

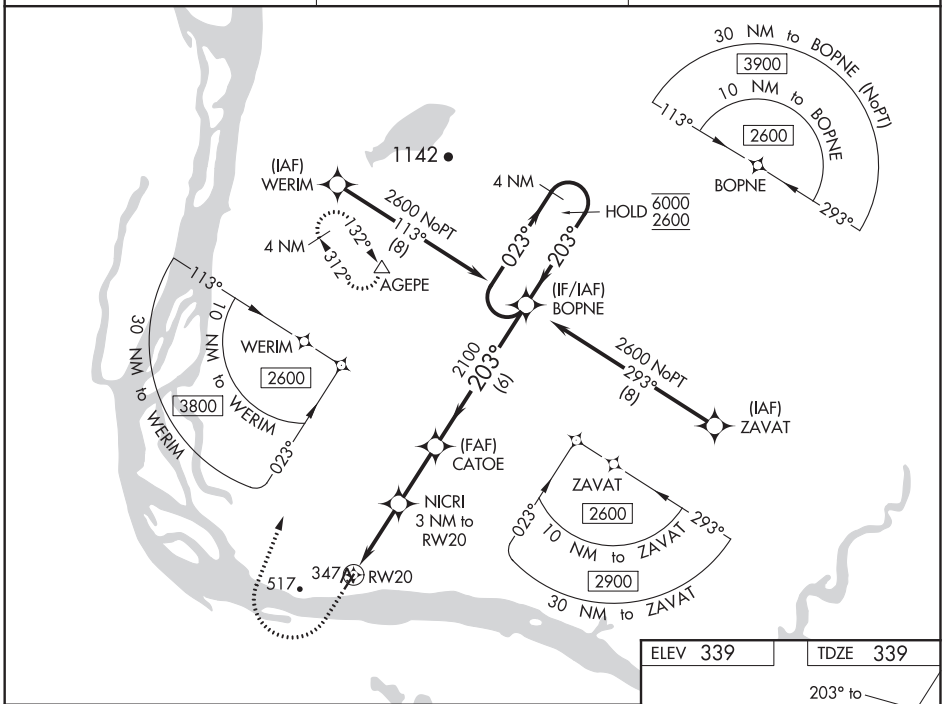
RNAV (GPS) RWY 20
MOUNTAIN VILLAGE (MOU) (PAMO)

RNP APCH.

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

MISSED APPROACH: Climb to 740 then climbing right turn to 3000 direct AGEPE and hold, continue climb-in-hold to 3000.

AWOS-3P	ANCHORAGE CENTER	CTAF
118.35	124.0	122.9 L



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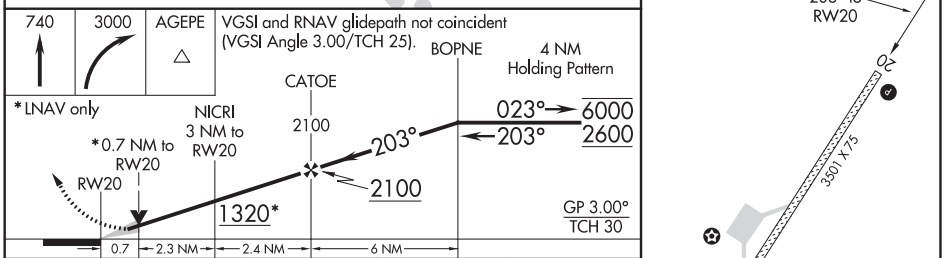


CATEGORY	A	B	C	D
LPV DA	539-1 200 (200-1)			
LNAV/VNAV DA	589-1 250 (300-1)			
LNAV MDA	600-1 261 (300-1)			
C CIRCLING	700-1 361 (400-1)	840-1 501 (600-1)	840-1½ 501 (600-1½)	900-2 561 (600-2)

MIRL Rwy 2-20 L
REIL Rwys 2 and 20 L

NAPAKIAK, ALASKA | AL-9752 (FAA) | 17173

RNAV (GPS) RWY 16
NAPAKIAK (WNA) (PANA)

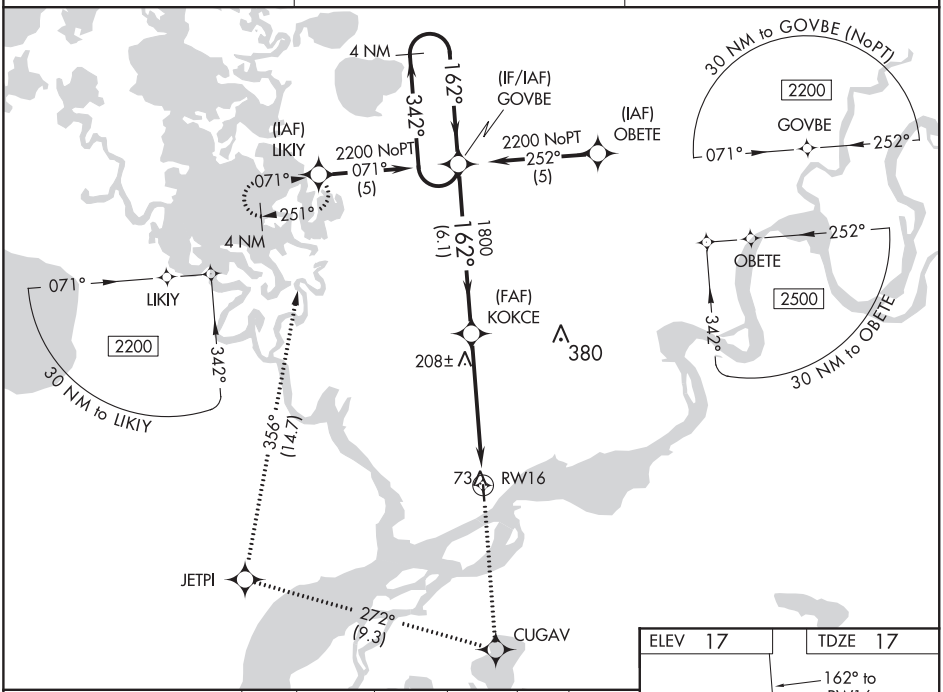
WAAS CH 69409 W16A	APP CRS 162°	Rwy ldg 3248 TDZE 17 Apt Elev 17

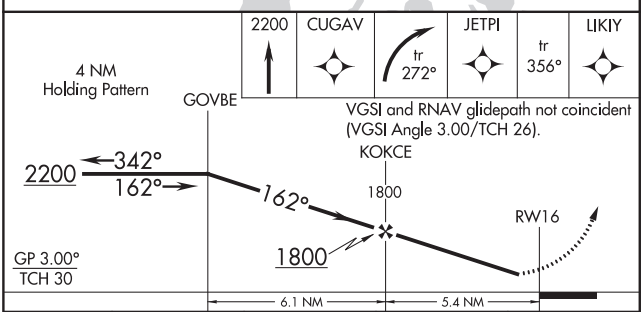
NA
-37°C

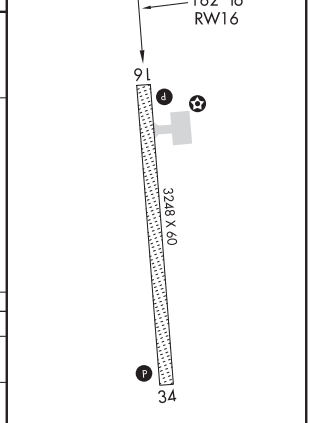
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Bethel altimeter setting. Rwy 16 helicopter visibility reduction 1 SM NA. Procedure NA at night for Cat C and D aircraft.

MISSED APPROACH: Climb to 2200 direct CUGAV and right turn on track 272° to JETPI on track 356° to LIKIY and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
121.425	125.2 372.0	122.9 L







REIL Rwys 16 and 34 L
MIRL Rwy 16-34 L

CATEGORY	A	B	C	D
LPV DA	298-1 281 (300-1)			
LNAV MDA	500-1 483 (500-1)		500-1¼ 483 (500-1¼)	500-1½ 483 (500-1½)
CIRCLING	500-1 483 (500-1)		500-1½ 483 (500-1½)	580-2 563 (600-2)

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NAPAKIAK, ALASKA
Orig-A 10NOV16

60°41′N-161°59′W

NAPAKIAK (WNA) (PANA)
RNAV (GPS) RWY 16

RNAV (GPS) RWY 34
NAPAKIAK (WNA) (PANA)

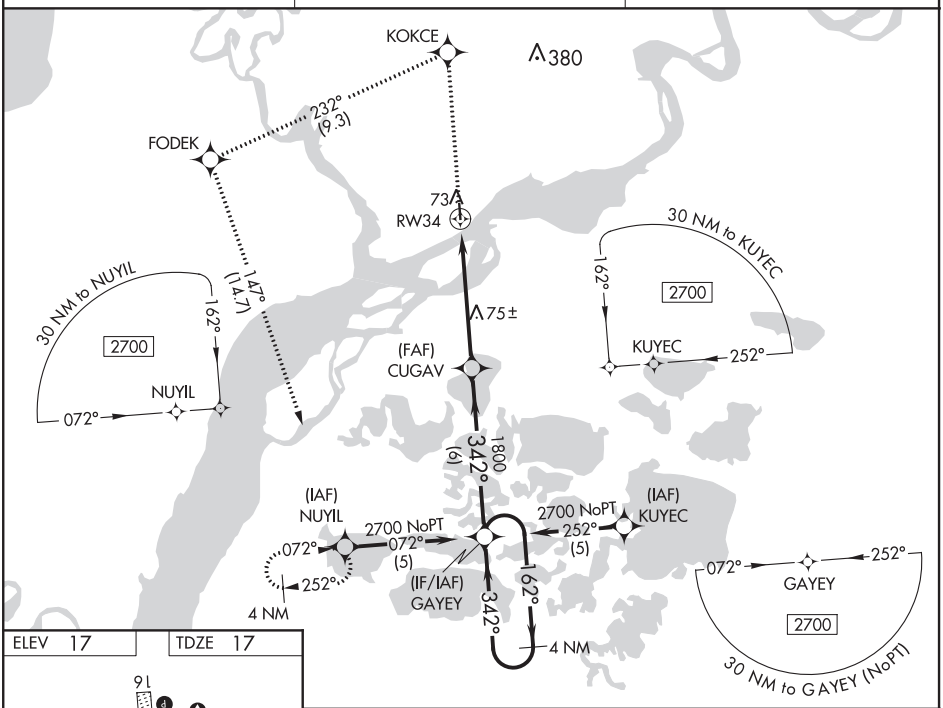
WAAS CH 40209 W34A	APP CRS 342°	Rwy ldg 3248 TDZE 17 Apt Elev 17

T
A NA
W
-37°C

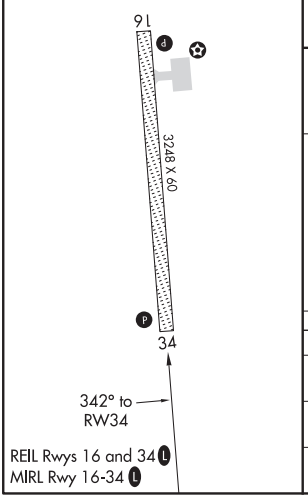
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Bethel altimeter setting. Procedure NA at night for Cat C and D aircraft. Rwy 34 helicopter visibility reduction 1 SM NA.

MISSED APPROACH: Climb to 2700 direct KOKCE and left turn on track 232° to FODEK on track 147° to NUYIL and hold.

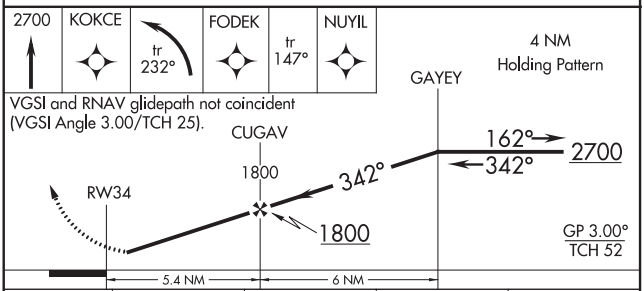
AWOS-3P	ANCHORAGE CENTER	CTAF
121.425	125.2 372.0	122.9 L



ELEV 17 TDZE 17



REIL Rwys 16 and 34 L
MIRL Rwy 16-34 L



CATEGORY	A	B	C	D
LPV DA	298-1 281 (300-1)			
LNAV MDA	360-1 343 (400-1)			360-1¼ 343 (400-1¼)
CIRCLING	500-1 483 (500-1)		500-1½ 483 (500-1½)	580-2 563 (600-2)

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NAPASKIAK, ALASKA | AL-10259 (FAA) | 20142

APP CRS	Rwy ldg	3000
016°	TDZE	15
	Apt Elev	15

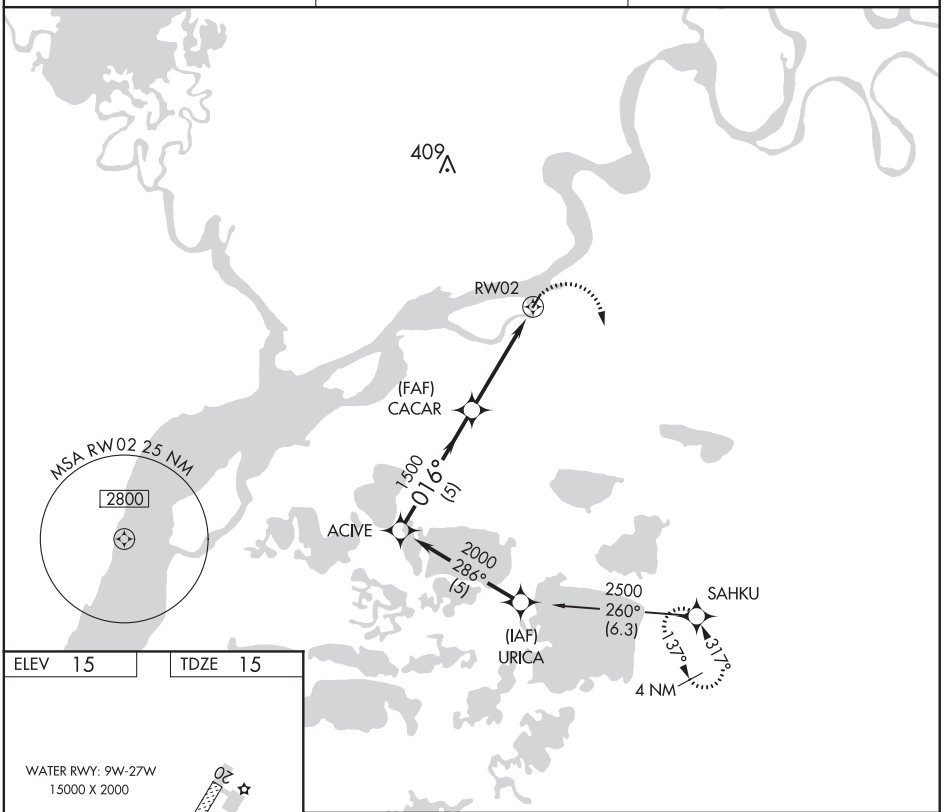
RNAV (GPS) RWY 2
NAPASKIAK (PKA) (PAPK)

NA

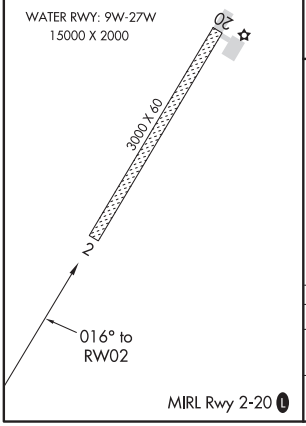
Use Bethel altimeter setting.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

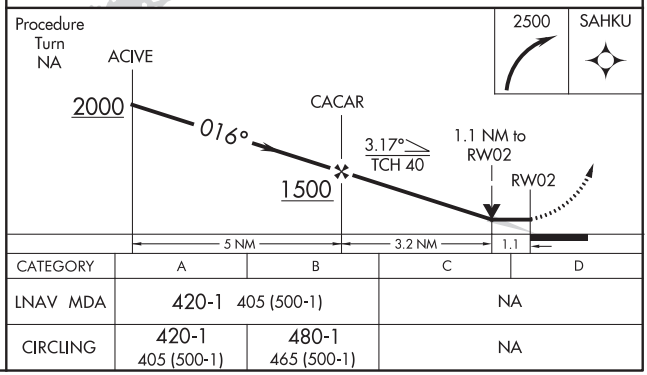
MISSED APPROACH: Climbing right turn to 2500 direct SAHKU WP and hold.

BET/PABE ASOS	ANCHORAGE CENTER	CTAF
135.45	125.2 372.0	122.9 L



ELEV 15	TDZE 15





CATEGORY	A	B	C	D
LNAV MDA	420-1 405 (500-1)		NA	
CIRCLING	420-1 405 (500-1)	480-1 465 (500-1)	NA	

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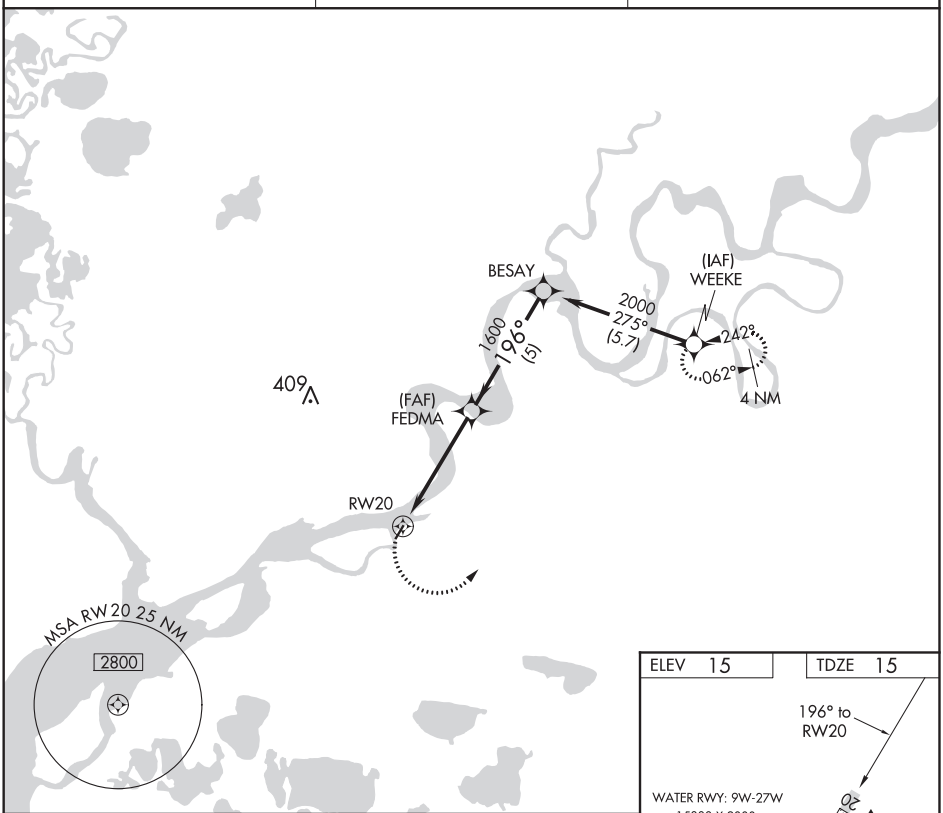
APP CRS	Rwy ldg	3000
196°	TDZE	15
	Apt Elev	15

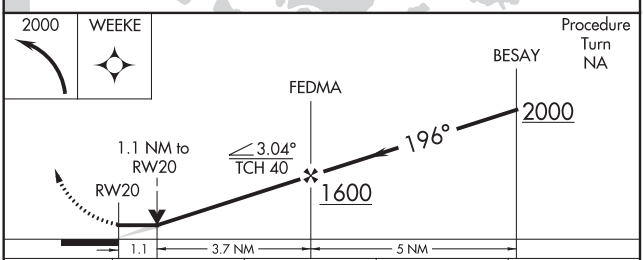
RNAV (GPS) RWY 20
NAPASKIAK (PKA) (PAPK)

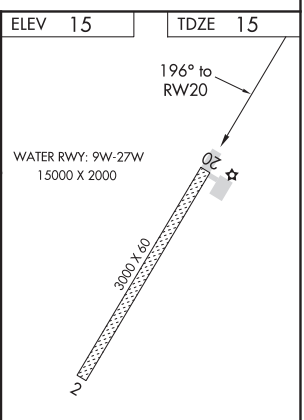
T A NA — Use Bethel altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing left turn to 2000 direct WEEKE WP and hold.

BET/PABE ASOS	ANCHORAGE CENTER	CTAF
135.45	125.2 372.0	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	420-1 405 (500-1)		NA	
CIRCLING	420-1 405 (500-1)	480-1 465 (500-1)	NA	

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NELSON LAGOON, ALASKA | AL-9293 (FAA) | 19339

APP CRS	Rwy ldg	4003
085°	TDZE	14
	Apt Elev	14

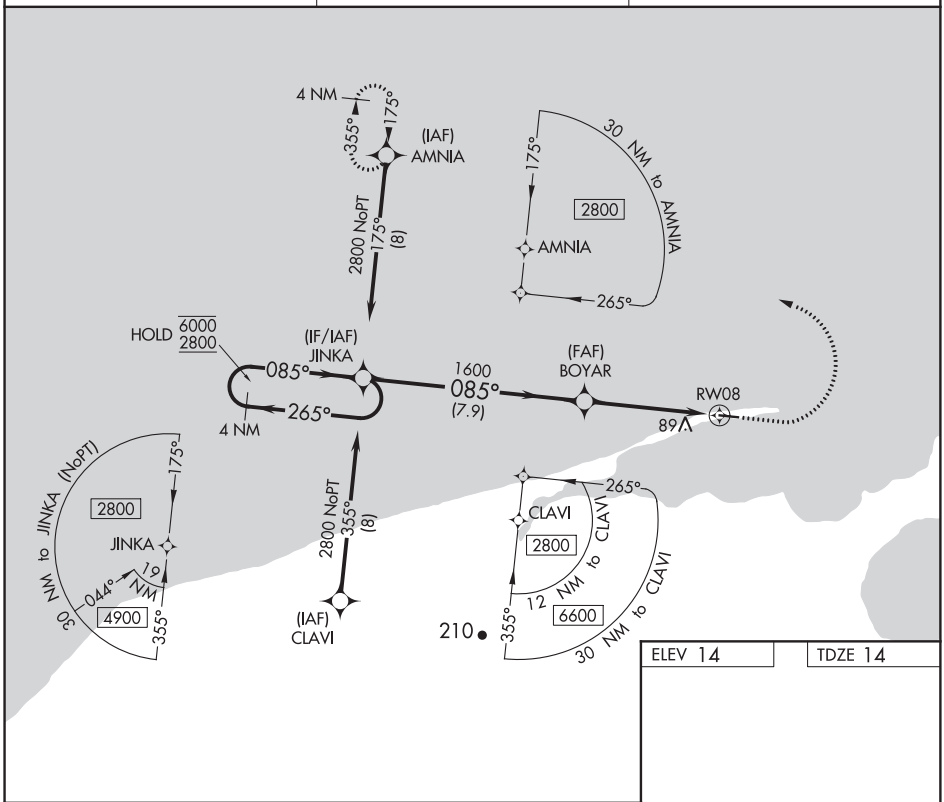
RNAV (GPS) RWY 8
NELSON LAGOON (OUL) (PAOU)

RNP APCH.

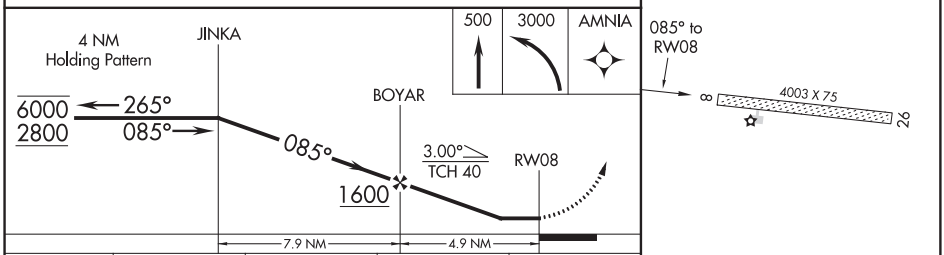
Procedure NA at night.
Rwy 8 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 500, then climbing left turn to 3000 direct AMNIA and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
119.025	118.5 278.3	122.9 L



ELEV 14 | TDZE 14



CATEGORY	A	B	C	D
LNAV MDA	380-1 366 (400-1)			
C CIRCLING	380-1 366 (400-1)	480-1 466 (500-1)	480-1½ 466 (500-1½)	580-2 566 (600-2)

MIRL Rwy 8-26 L

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APP CRS	Rwy ldg	4003
265°	TDZE	10
	Apt Elev	14

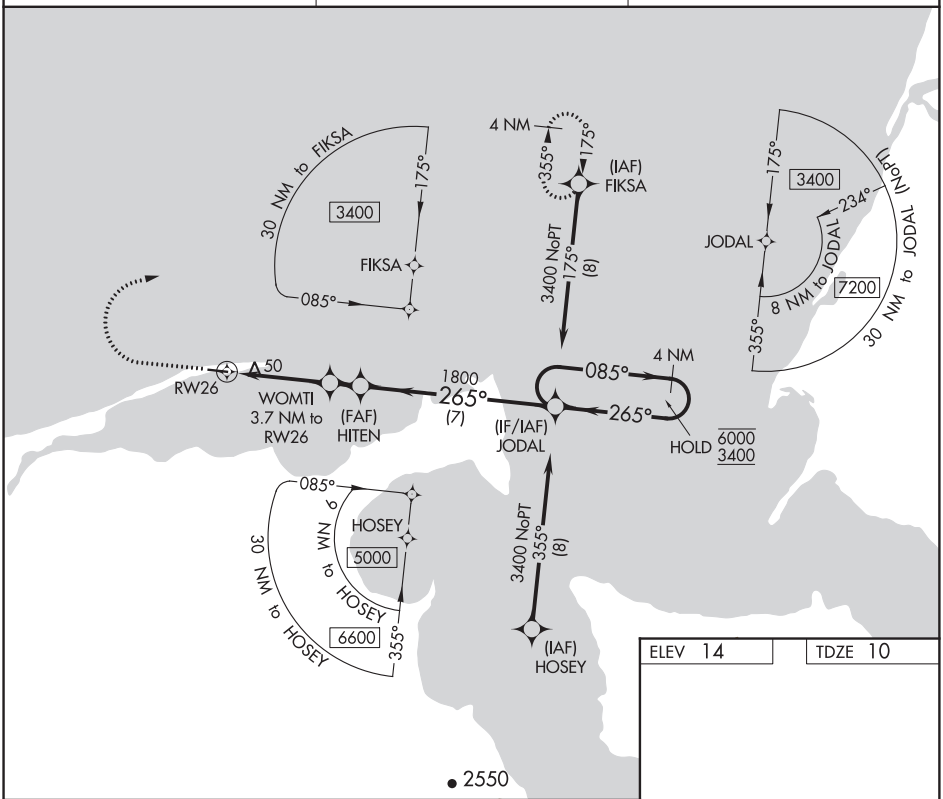
RNAV (GPS) RWY 26
NELSON LAGOON (OUL) (PAOU)

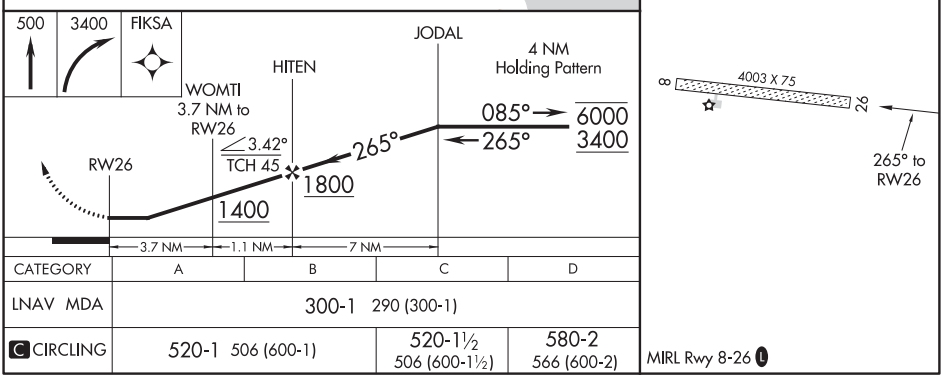
RNP APCH.

Procedure NA at night.
Rwy 26 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 500, then climbing right turn to 3400 direct FIKSA and hold. Continue climb in hold to 3400.

AWOS-3P	ANCHORAGE CENTER	CTAF
119.025	118.5 278.3	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	300-1 290 (300-1)			
C CIRCLING	520-1 506 (600-1)		520-1½ 506 (600-1½)	580-2 566 (600-2)

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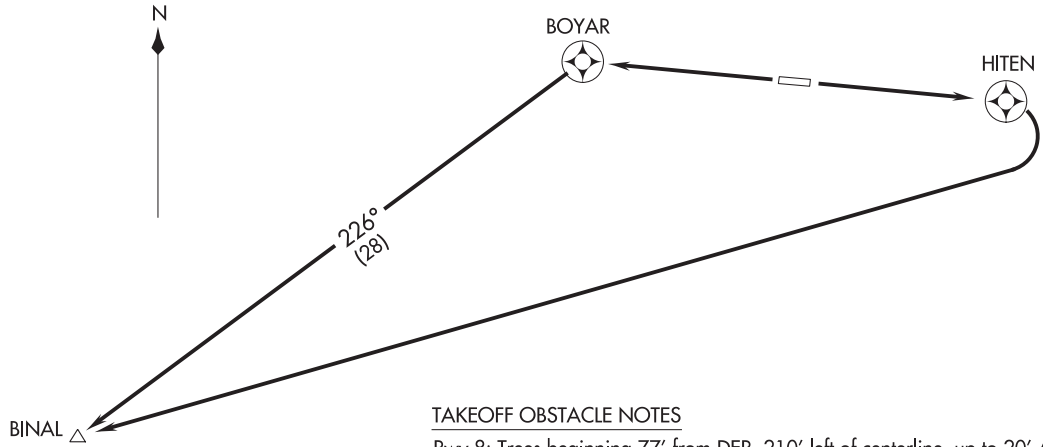
ANCHORAGE CENTER
118.5 278.3
CTAF
122.9
ASOS
119.025



TAKEOFF OBSTACLE NOTES

Rwy 8: Trees beginning 77′ from DER, 210′ left of centerline, up to 20′ AGL/43′ MSL.
Trees beginning 142′ from DER, 56′ right of centerline, up to 20′ AGL/30′ MSL.
Rwy 26: Trees beginning 21′ from DER, 10′ right of centerline, up to 20′ AGL/40′ MSL.
Tree 265′ from DER, 559′ left of centerline, 20′ AGL/34′ MSL.
Trees beginning 296′ from DER, 25′ left of centerline, up to 20′ AGL/40′ MSL.

TAKEOFF MINIMUMS

Rwys 8, 26: Standard.

NOTE: GPS required.
NOTE: RNAV 1.

NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb direct HITEN, then right turn direct BINAL, thence. . . .
TAKEOFF RUNWAY 26: Climb direct BOYAR, then on track 226° to BINAL, thence. . .

. . . . on assigned route, maintain 5000, expect clearance to filed altitude 10 minutes after departure.

APP CRS	Rwy ldg	4600
038°	TDZE	368
	Apt Elev	368

RNAV (GPS) RWY 4L
NENANA MUNI (ENN) (PANN)

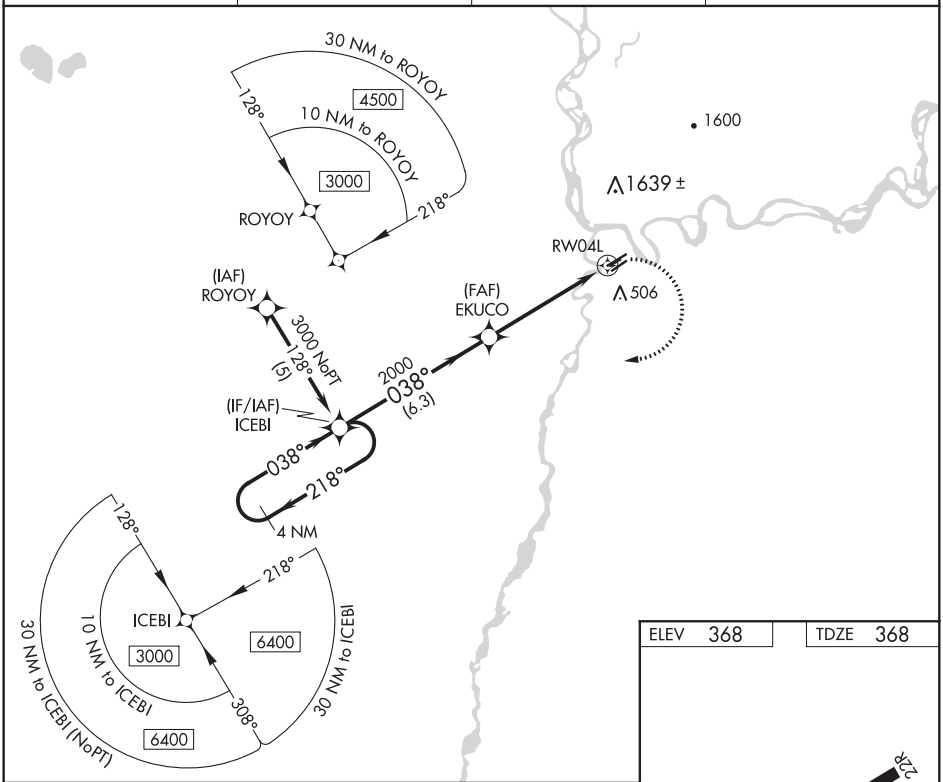
RNP APCH.

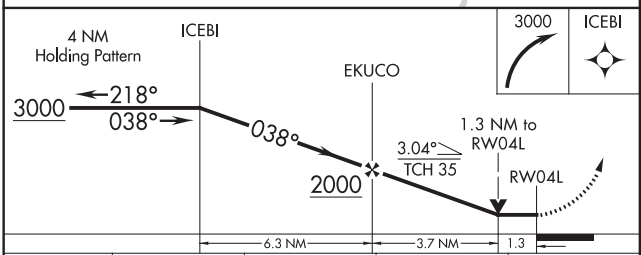
When local altimeter setting not received, use Fairbanks Intl altimeter setting and increase all MDAs 100 feet and visibility LNAV Cat C ¼ SM. Circling NA west of Rwy 4L-22R. Procedure NA at night. Circling NA to Rwys 4R, 22L, 4W and 22W. Rwy 4L helicopter visibility reduction below 1 SM NA.

-43°C

MISSED APPROACH: Climbing right turn to 3000 direct ICEBI and hold.

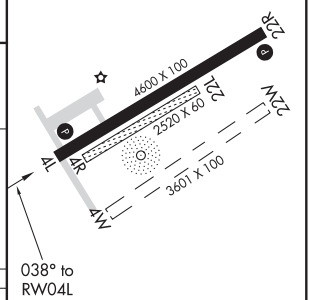
ASOS	FAIRBANKS APP CON	FAIRBANKS RADIO	CTAF
125.2	125.35 363.2	122.5	122.1 L





CATEGORY	A	B	C	D
LNAV MDA	800-1 432 (500-1)		800-1¼ 432 (500-1¼)	800-1½ 432 (500-1½)
CIRCLING	860-1 492 (500-1)		860-1½ 492 (500-1½)	920-2 552 (600-2)

ELEV 368 TDZE 368



MIRL Rwys 4L-22R and 4R-22L
REIL Rwys 4L and 22R L

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NDB RWY 4L

NENANA MUNI (ENN) (PANN)

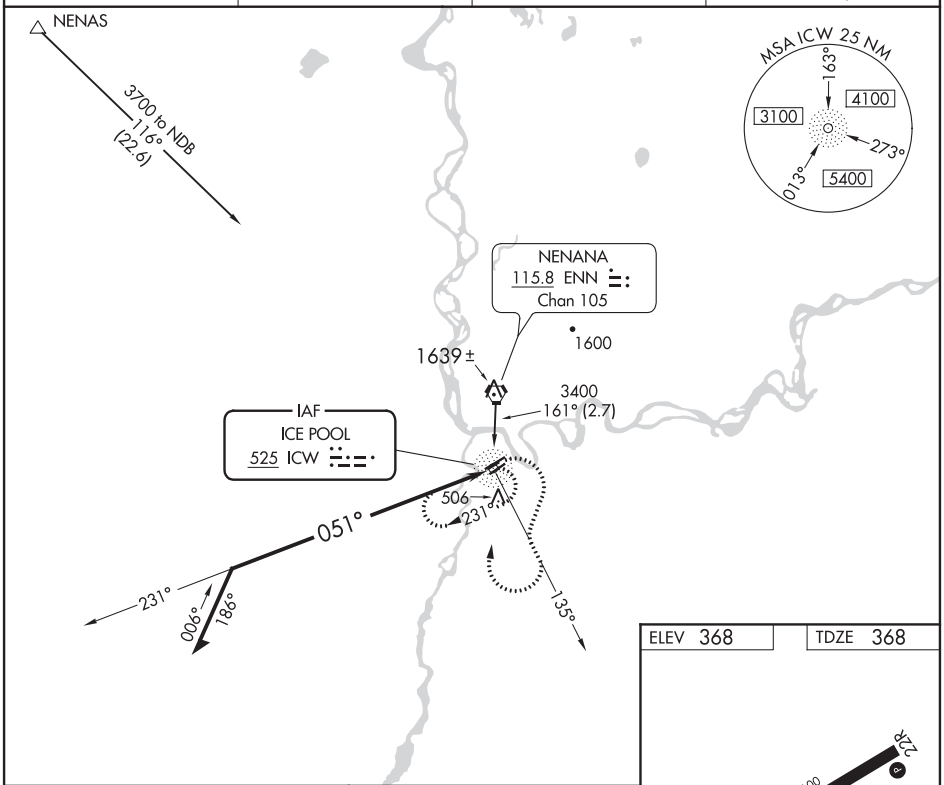
NDB ICW	APP CRS	Rwy ldg / TDZE / Apt Elev
525	051°	4600 / 368 / 368

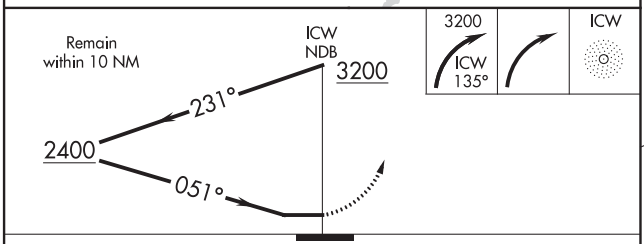
-43°C

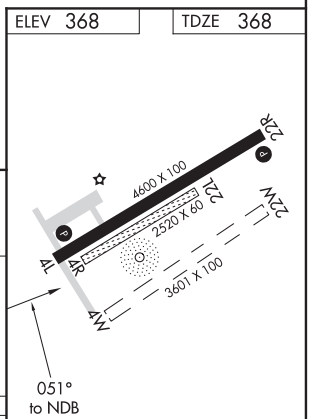
Circling NA northwest of Rwy 4L-22R. When local altimeter setting not received, use Fairbanks Intl altimeter setting and increase all MDAs 100 feet and visibility Cat C and Circling Cat D ¼ SM. Procedure NA at night. Circling NA to Rwys 4R, 22L, 4W and 22W. Rwy 4L helicopter visiblity reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 3200 on ICW NDB 135° bearing, then right turn direct ICW NDB and hold.

ASOS	FAIRBANKS APP CON	FAIRBANKS RADIO	CTAF
125.2	125.35 363.2	122.5	122.1 L







CATEGORY	A	B	C	D
S-4L	1000-1 632 (700-1)		1000-1¾ 632 (700-1¾)	1000-2 632 (700-2)
CIRCLING	1000-1 632 (700-1)		1000-1¾ 632 (700-1¾)	1000-2 632 (700-2)

MIRL Rwys 4L-22R and 4R-22L
REIL Rwys 4L and 22R L

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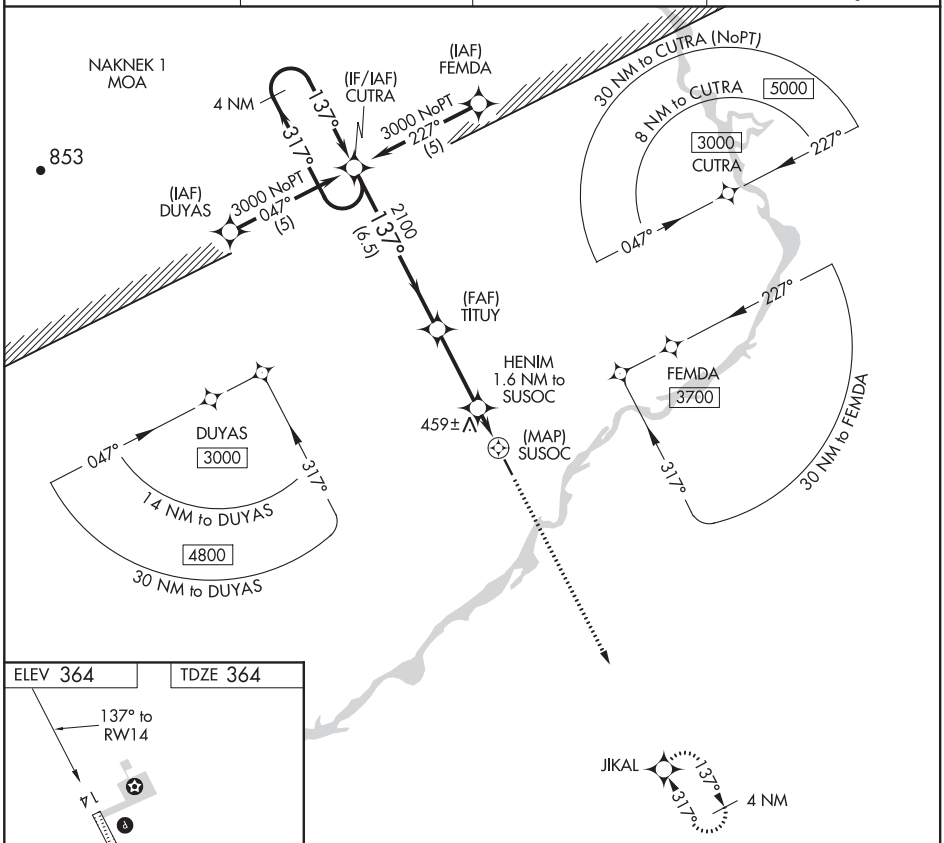
APP CRS	Rwy ldg	3281
137°	TDZE	364
	Apt Elev	364

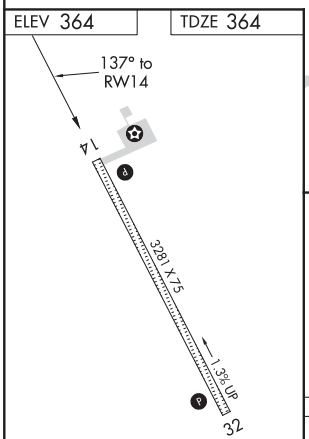
RNAV (GPS) RWY 14
NEW STUYAHOK (KNW) (PANW)

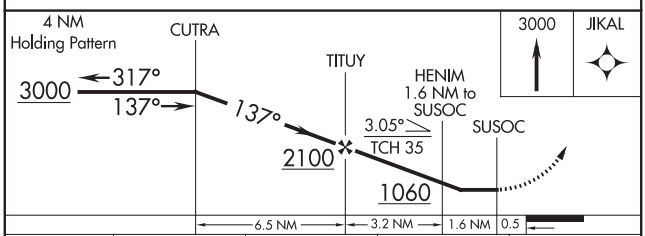
When local altimeter setting not received, use Koliganek altimeter setting and increase all MDAs 60 feet. Procedure NA at night.
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 3000 direct JIKAL and hold.

AWOS-3P	ANCHORAGE CENTER	DILLINGHAM RADIO	CTAF
120.275	132.75 282.35	122.55	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	780-1	416 (500-1)	NA	
CIRCLING	780-1 416 (500-1)	840-1 476 (500-1)	NA	

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

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NEW STUYAHOK, ALASKA | AL-10173 (FAA) | 20030

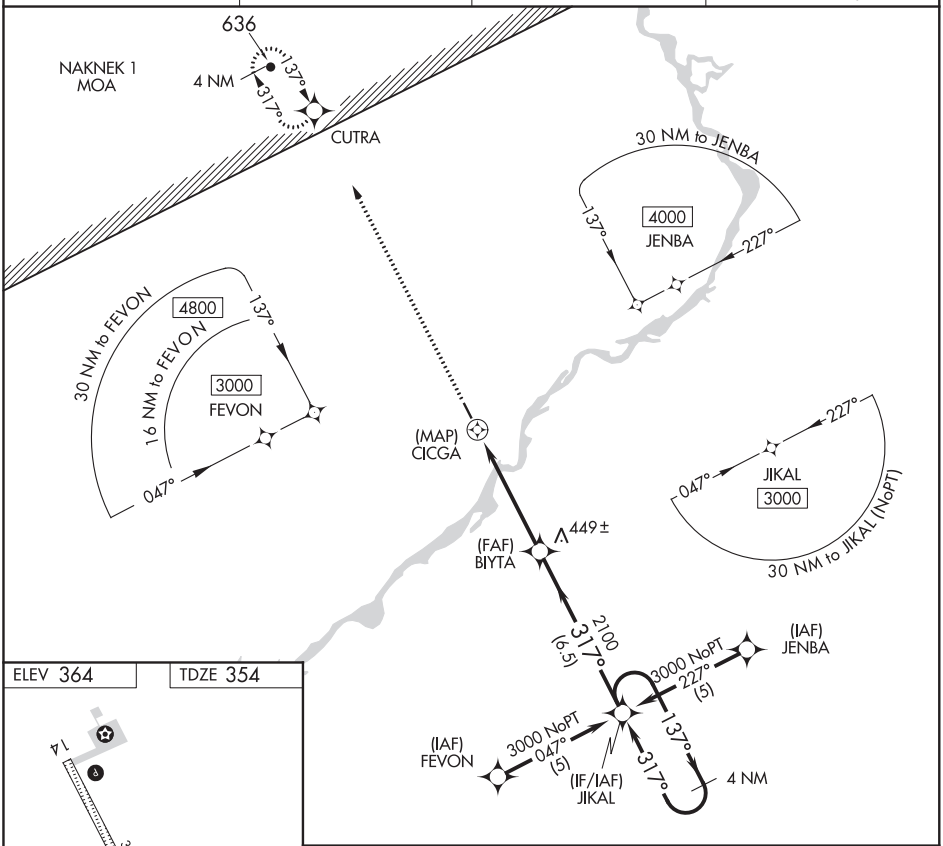
RNAV (GPS) RWY 32
NEW STUYAHOK (KNW) (PANW)

APP CRS	Rwy ldg	3281
317°	TDZE	354
	Apt Elev	364

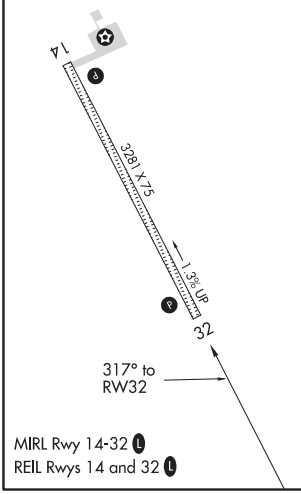
When local altimeter setting not received, use Koliganek altimeter setting and increase all MDAs 60 feet.
Procedure NA at night. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct CUTRA and hold.

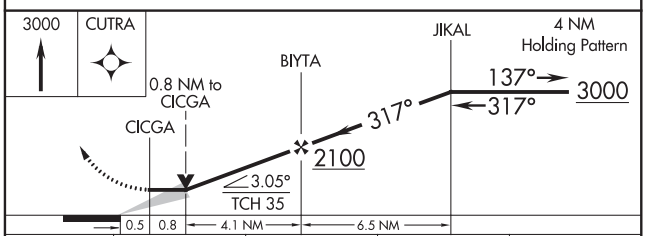
AWOS-3P	ANCHORAGE CENTER	DILLINGHAM RADIO	CTAF
120.275	132.75 282.35	122.55	122.9 L



ELEV 364 | TDZE 354



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



CATEGORY	A	B	C	D
LNAV MDA	760-1	406 (400-1)	NA	
CIRCLING	780-1 416 (500-1)	840-1 476 (500-1)	NA	

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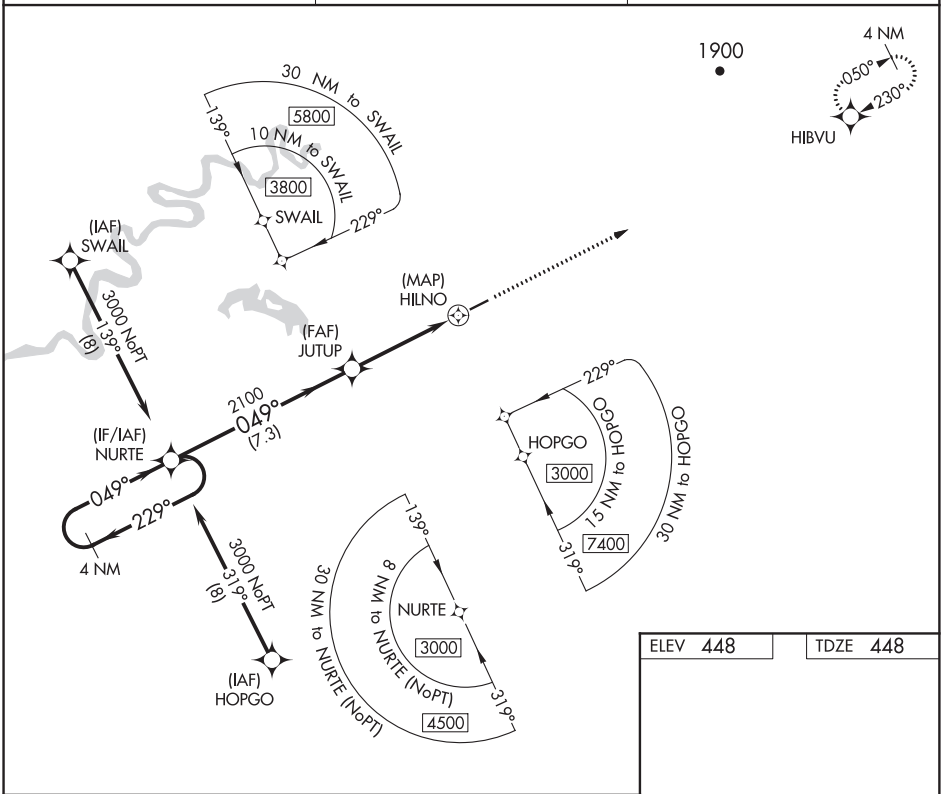
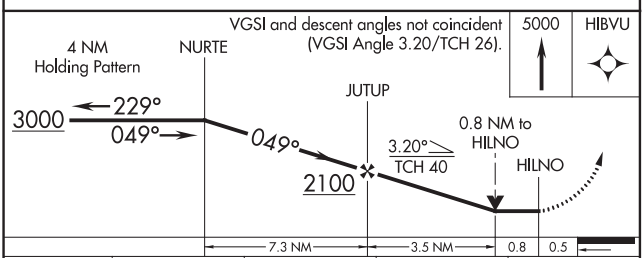
APP CRS	Rwy ldg	4001
049°	TDZE	448
	Apt Elev	448

RNAV (GPS) RWY 5
NIKOLAI (FSP)(PAFS)

RNP APCH.	
T Rwy 5 helicopter visibility reduction below ¾ SM NA.	MISSED APPROACH: Climb to 5000 direct HIBVU and hold, continue climb-in-hold to 5000.

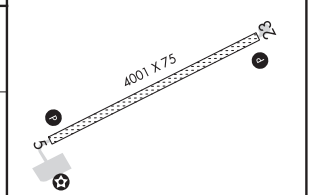
AWOS-3P	ANCHORAGE CENTER	CTAF
118.325	128.1 353.8	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	900-1 452 (500-1)		900-1⅜ 452 (500-1⅜)	
C CIRCLING	900-1 452 (500-1)		900-1½ 452 (500-1½)	1000-2 552 (600-2)

ELEV 448 TDZE 448



MIRL Rwy 5-23 L
REIL Rwys 5 and 23 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

NIKOLAI, ALASKA | AL-10179 (FAA) | 20198

RNAV (GPS) RWY 23
NIKOLAI (FSP)(PAFS)

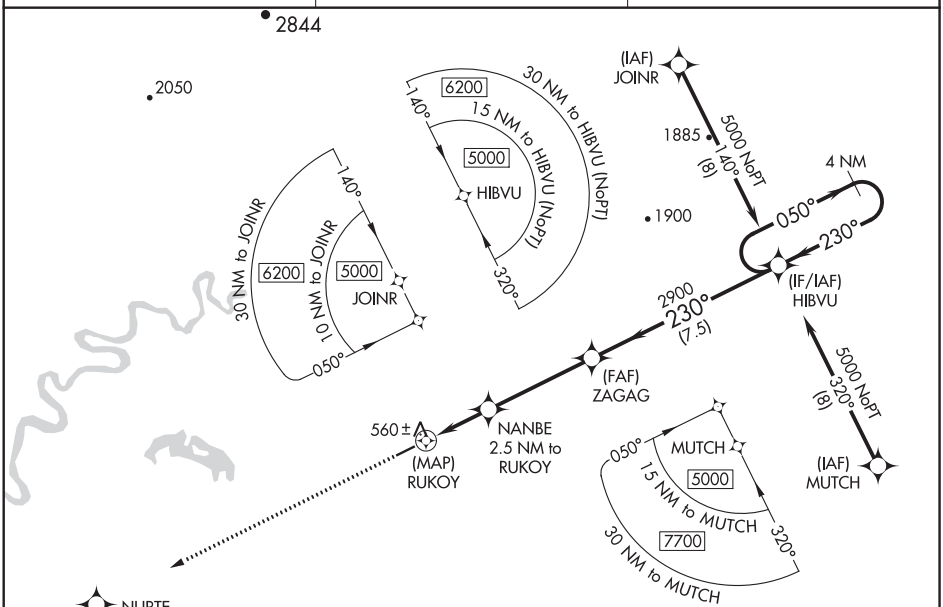
APP CRS	Rwy ldg	4001
230°	TDZE	448
	Apt Elev	448

RNP APCH.

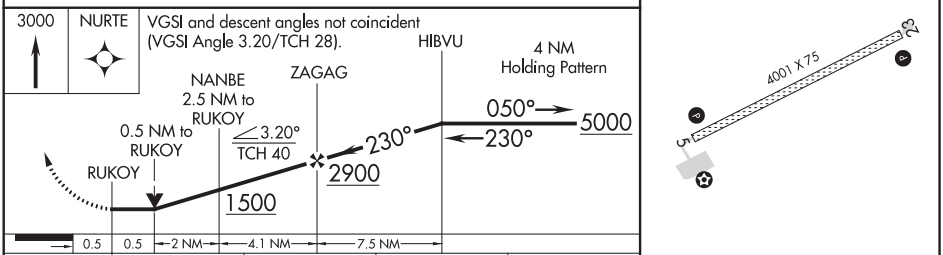
Rwy 23 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct NURTE and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
118.325	128.1 353.8	122.8 L



ELEV 448	TDZE 448



CATEGORY	A	B	C	D
LNAV MDA	820-1 372 (400-1)			
C CIRCLING	860-1 412 (500-1)	900-1 452 (500-1)	900-1½ 452 (500-1½)	1000-2 552 (600-2)

MIRL Rwy 5-23 L
REIL Rwys 5 and 23 L

NIKOLAI, ALASKA
Amdt 1 19JUL18

63°01′N-154°22′W

NIKOLAI (FSP)(PAFS)
RNAV (GPS) RWY 23

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 61142 W01A	APP CRS 011°	Rwy ldg 3992 TDZE 89 Apt Elev 92

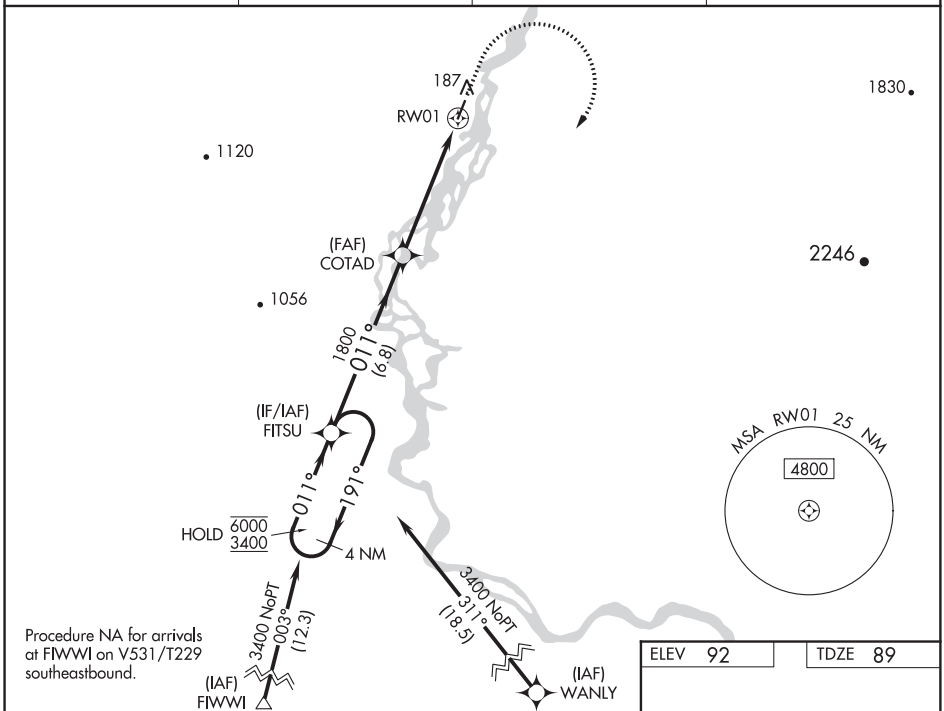
RNAV (GPS) RWY 1
NOATAK (WTK)(PAWN)

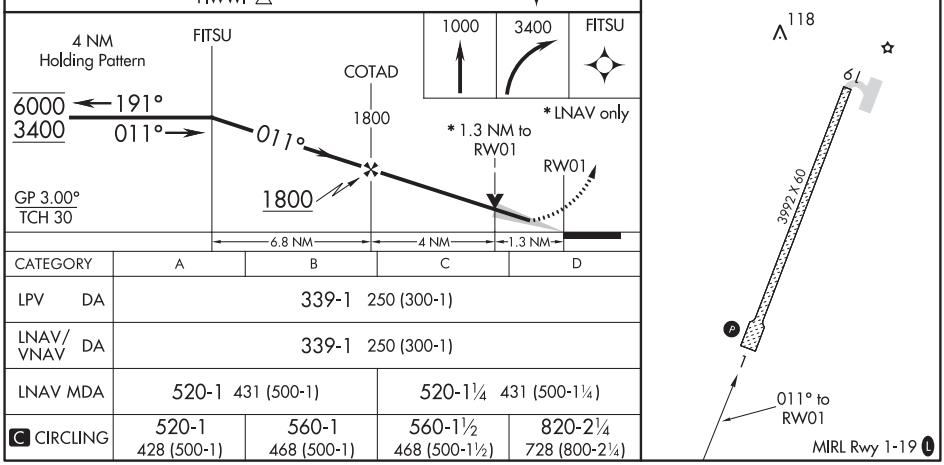
RNP APCH.

For uncompensated Baro-VNAV systems, procedure NA below -22°C or above 54°C.

MISSED APPROACH: Climb to 1000 then climbing right turn to 3400 direct FITSU and hold.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	UNICOM
135.75	119.2 263.0	122.4	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	339-1 250 (300-1)			
LNAV/VNAV DA	339-1 250 (300-1)			
LNAV MDA	520-1 431 (500-1)		520-1¼ 431 (500-1¼)	
C CIRCLING	520-1 428 (500-1)	560-1 468 (500-1)	560-1½ 468 (500-1½)	820-2¼ 728 (800-2¼)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

NOATAK, ALASKA | AL-9206 (FAA) | 19003

RNAV (GPS) RWY 19
NOATAK (WTK)(PAWN)

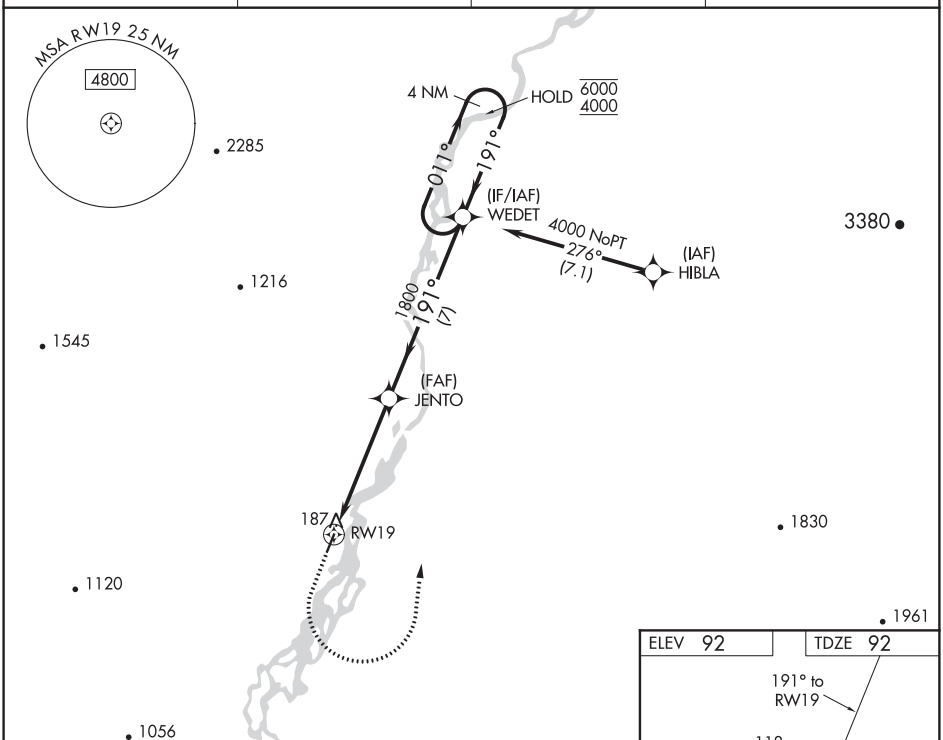
WAAS CH 86842 W19A	APP CRS 191°	Rwy ldg 3992 TDZE 92 Apt Elev 92

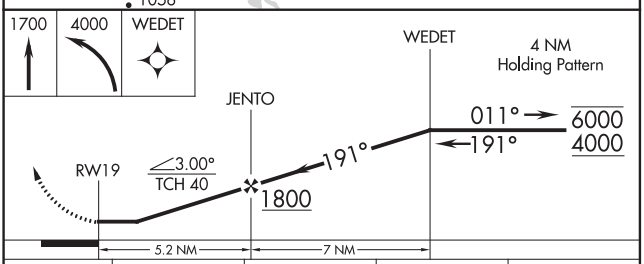
RNP APCH.

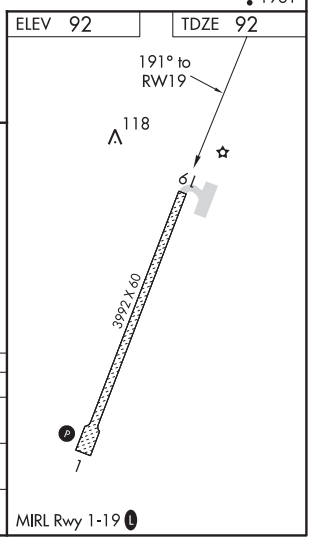
Straight-in minimums NA at night.
Rwy 19 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 1700 then climbing left turn to 4000 direct WEDET and hold.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	UNICOM
135.75	119.2 263.0	122.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
LP MDA	540-1 448 (500-1)		540-1⅜ 448 (500-1⅜)	
LNAV MDA	560-1 468 (500-1)		560-1⅜ 468 (500-1⅜)	
C CIRCLING	560-1 468 (500-1)		560-1½ 468 (500-1½)	820-2¼ 728 (800-2¼)

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AK, 05 NOV 2020 to 31 DEC 2020

LOC/DME I-OME 108.7 Chan 24	APP CRS 279°	Rwy ldg 6009 TDZE 25 Apt Elev 41

ILS Y or LOC Y RWY 28
NOME (OME)(PAOM)

RNAV 1-GPS required. DME required.

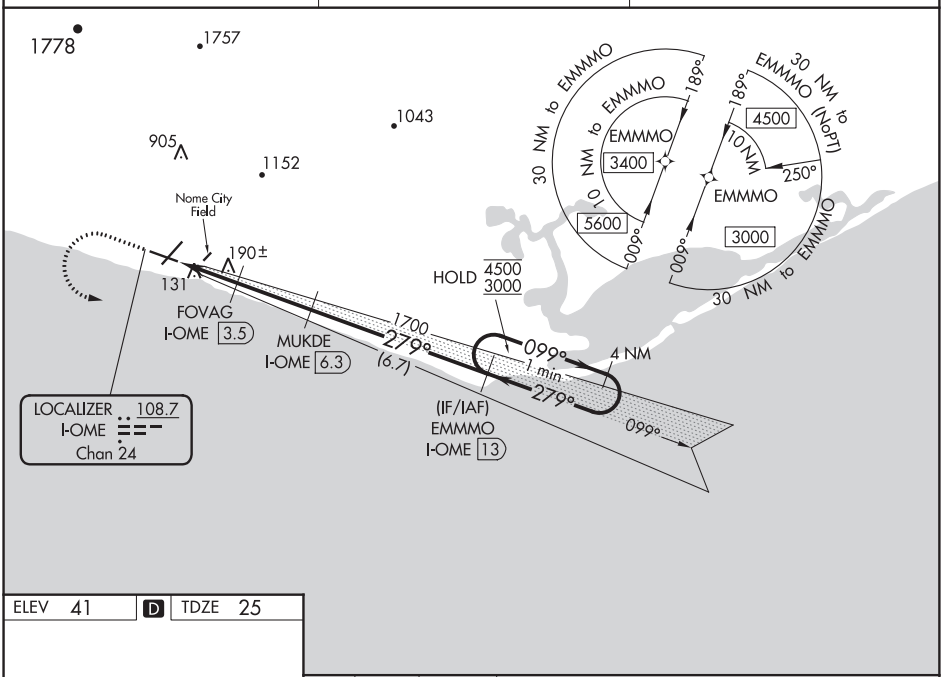
T A -34°C

Circling Rwy 21 NA at night. Rwy 28 helicopter visibility reduction below RVR 4000 NA. For inop ALS, increase S-LOC 28 Cats A/B visibility to RVR 5500 and Cats C/D visibility to RVR 6000. Inop table does not apply to S-ILS Rwy 28. Circling NA for Cats C and D north of Rwy 10-28.

MALSR A5

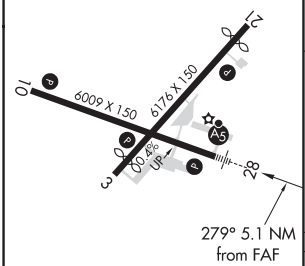
MISSED APPROACH: Climb to 1300 then climbing left turn to 3000 direct EMMMO and hold.

AFIS	ANCHORAGE CENTER	NOME RADIO
119.925	133.3 290.4	123.6 (CTAF) L

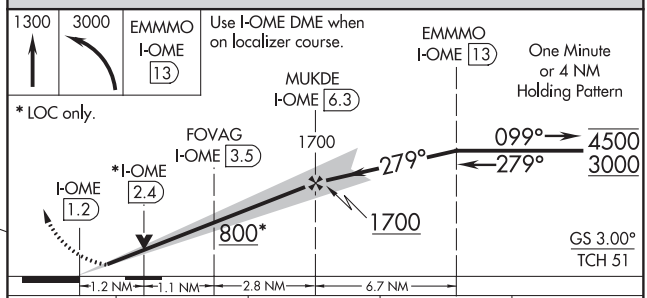


AK, 05 NOV 2020 to 31 DEC 2020

ELEV 41 D TDZE 25



REIL Rwys 3 and 10 L
HIRL Rwy 10-28 L
MIRL Rwy 3-21 L



CATEGORY	A	B	C	D
S-ILS 28	275/40 250 (300-¾)			
S-LOC 28	440/40 415 (400-¾)			
C CIRCLING	540-1 499 (500-1)		540-1½ 499 (500-1½)	700-2 659 (700-2)

NOME, ALASKA | AL-1231 (FAA) | 19227

ILS Z or LOC Z RWY 28
NOME (OME) (PAOM)

LOC/DME I-OME	APP CRS	Rwy ldg	6009
108.7	279°	TDZE	22
Chan 24		Apt Elev	38

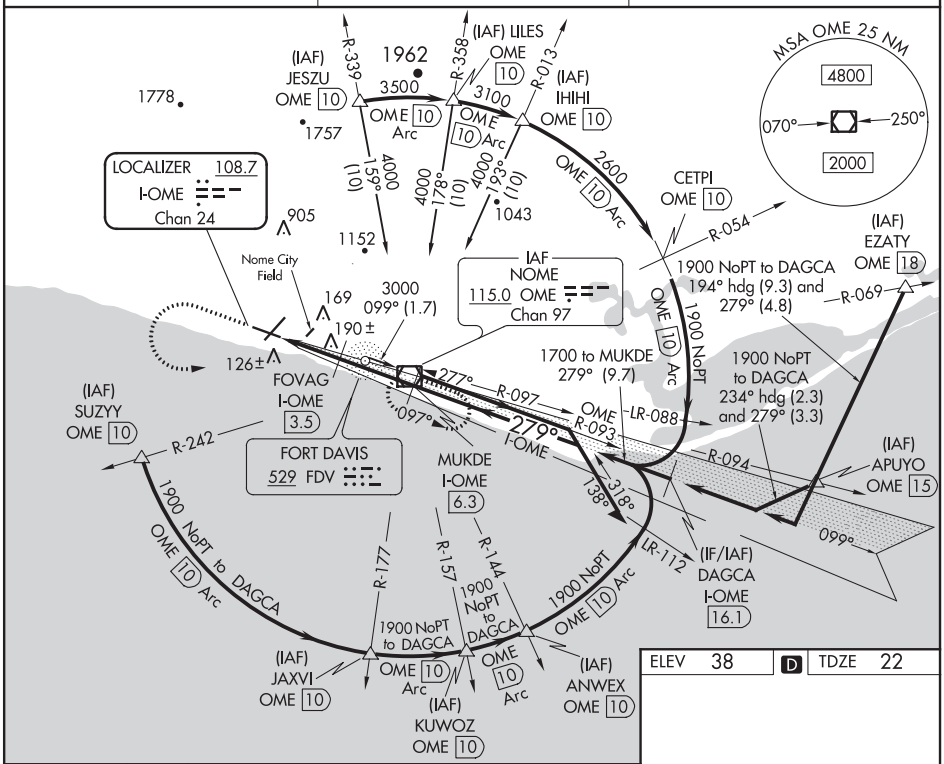
-34°C

DME required. Circling Rwy 21 NA at night. Circling NA for Cats C and D north of Rwy 10-28. Inop table does not apply to S-ILS 28 all Cats and S-LOC 28 Cats A and B. For inop ALS, increase S-LOC 28 Cats C and D to RVR 6000.

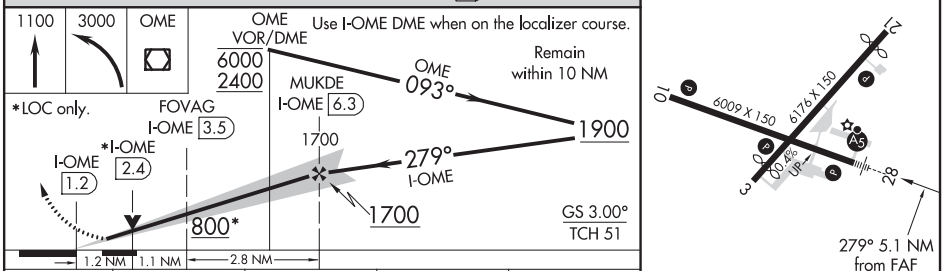
MALSR

MISSED APPROACH: Climb to 1100 then climbing left turn to 3000 direct OME VOR/DME and hold, continue climb-in-hold to 3000.

AFIS	ANCHORAGE CENTER	NOME RADIO
119.925	133.3 290.4	123.6 (CTAF) L



AK, 05 NOV 2020 to 31 DEC 2020



ELEV 38	D	TDZE 22

CATEGORY	A	B	C	D
S-ILS 28	272/50		250 (300-1)	
S-LOC 28	440/50		418 (500-1)	
C CIRCLING	540-1 502 (600-1)		540-1½ 502 (600-1½)	700-2 662 (700-2)

REIL Rwys 3 and 10 L
HIRL Rwy 10-28 L
MIRL Rwy 3-21 L

RNAV (GPS) RWY 3
NOME (OME)(PAOM)

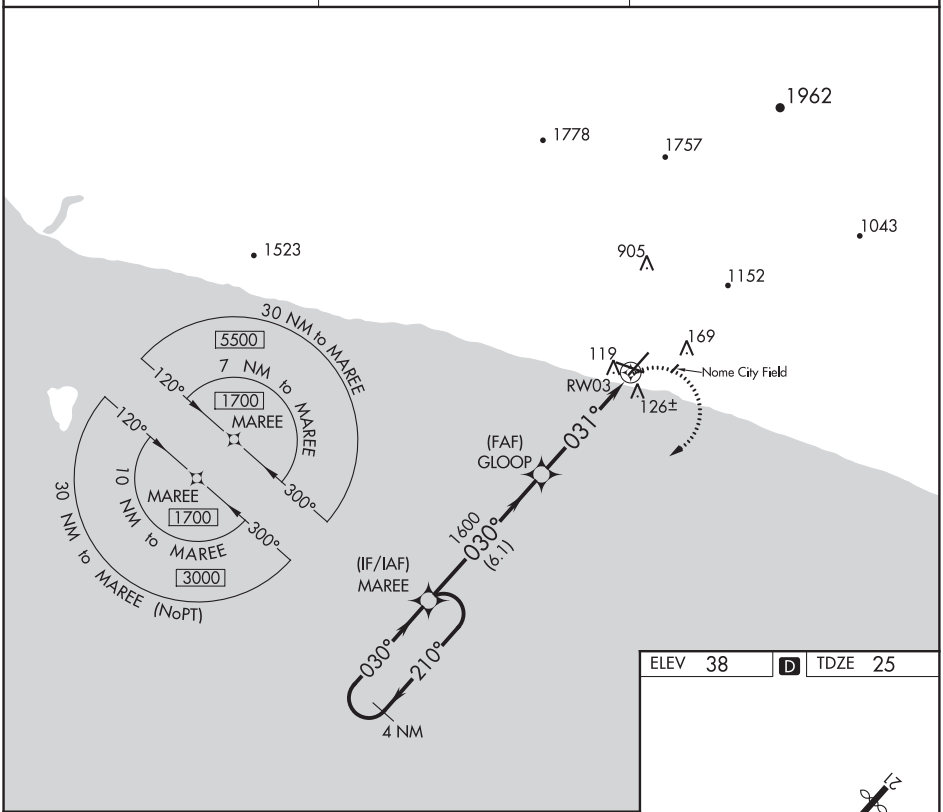
APP CRS	Rwy ldg	5576
031°	TDZE	25
	Apt Elev	38

T -34°C

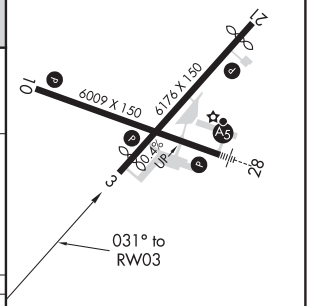
DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. Night landing: Rwy 21 NA. Circling NA for Cats C and D north of Rwy 10-28.

MISSED APPROACH: Climbing right turn to 1700 direct MAREE and hold.

AFIS	ANCHORAGE CENTER	NOME RADIO
119.925	133.3 290.4	123.6 (CTAF) L

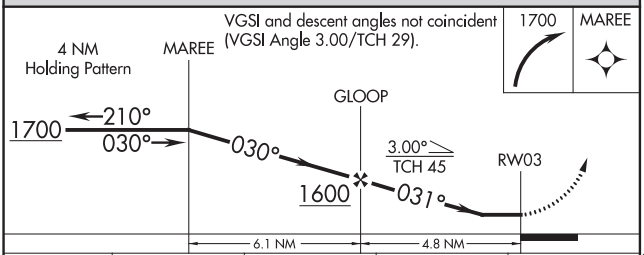


ELEV 38 D TDZE 25



REIL Rwys 3 and 10 L
HIRL Rwy 10-28 L
MIRL Rwy 3-21 L

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 29).



CATEGORY	A	B	C	D
LNAV MDA	440-1 415 (500-1)		440-1¼ 415 (500-1¼)	
C CIRCLING	540-1 502 (600-1)		540-1½ 502 (600-1½)	700-2 662 (700-2)

AK, 05 NOV 2020 to 31 DEC 2020
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NOME, ALASKA | AL-1231 (FAA) | 19227

RNAV (GPS) RWY 10
NOME (OME)(PAOM)

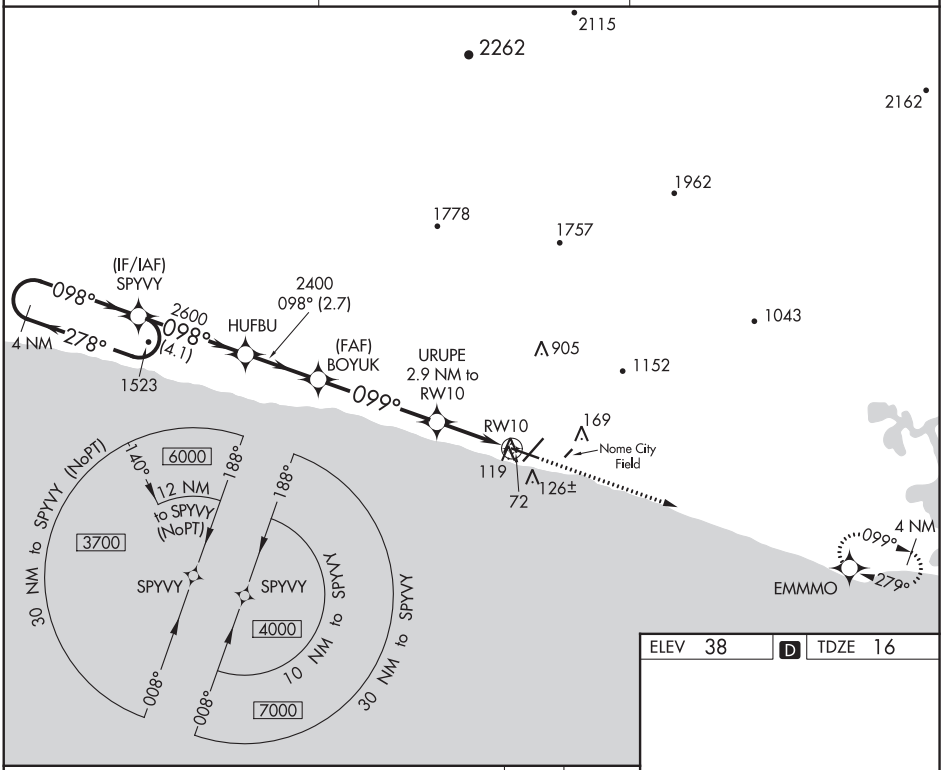
WAAS CH 40434 W10A	APP CRS 099°	Rwy ldg 6009 TDZE 16 Apt Elev 38

T
-34°C

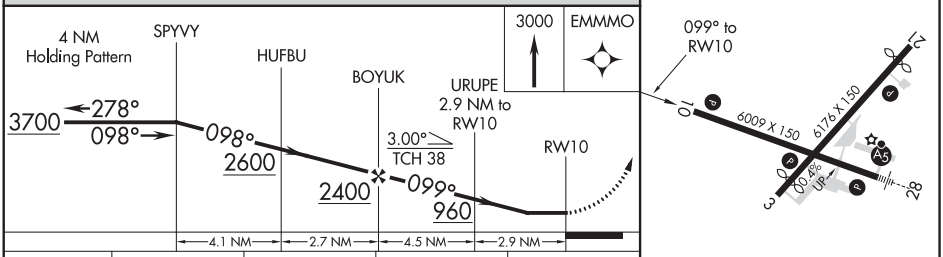
DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. Night Landing: Rwy 21 NA, Rwy 10 operational VGSI required, remain on or above VGSI glidepath until threshold. Circling NA for Cats C and D north of Rwy 10-28.

MISSED APPROACH: Climb to 3000 direct EMMMO and hold.

AFIS	ANCHORAGE CENTER	NOME RADIO
119.925	133.3 290.4	123.6 (CTAF) L



ELEV 38 | D | TDZE 16



CATEGORY	A	B	C	D
LP MDA	340-1 324 (400-1)			
LNAV MDA	380-1 364 (400-1)			
C CIRCLING	540-1 502 (600-1)		540-1½ 502 (600-1½)	700-2 662 (700-2)

REIL Rwys 3 and 10 L
HIRL Rwy 10-28 L
MIRL Rwy 3-21 L

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AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) RWY 28
NOME (OME)(PAOM)

WAAS CH 45927 W28A	APP CRS 279°	Rwy ldg 6009 TDZE 22 Apt Elev 38

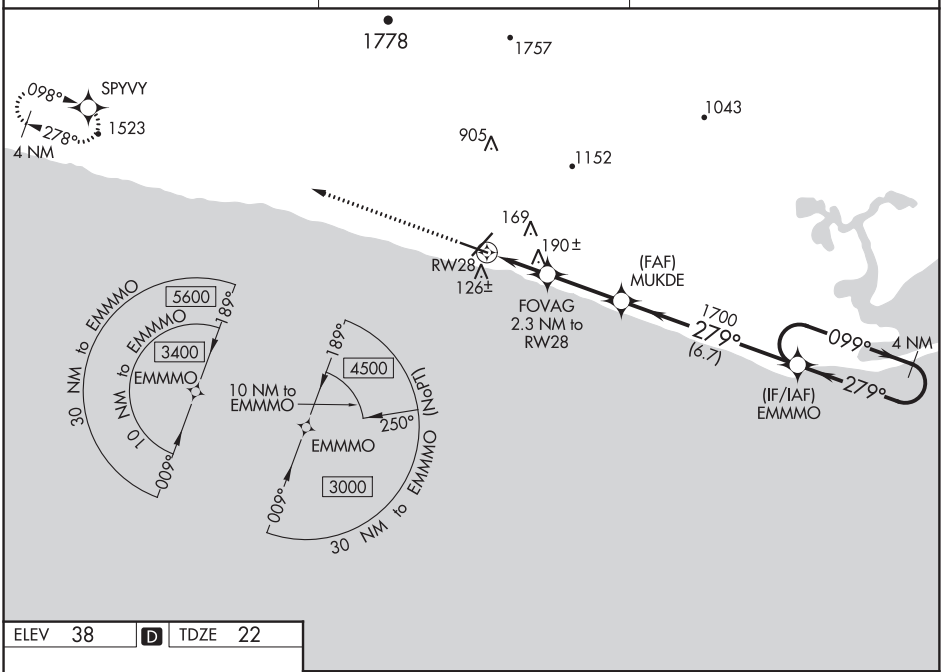
T -34°C

Inoperative table does not apply to LPV 28 all Cats. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). Circling NA for Cats C and D north of Rwy 10-28. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 4000 NA. Night landing: Rwy 21 NA.

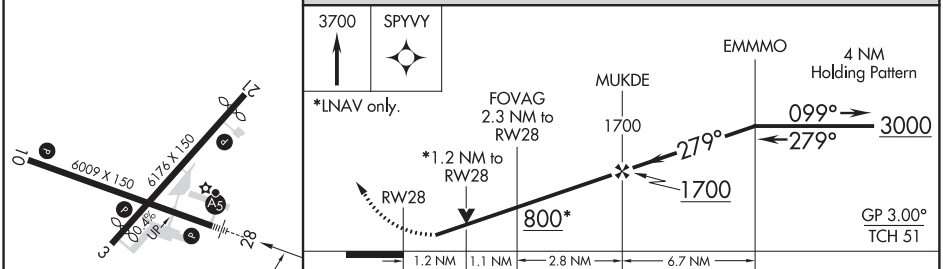
MALSR

MISSED APPROACH: Climb to 3700 direct SPYVY and hold, continue climb-in-hold to 3700.

AFIS	ANCHORAGE CENTER	NOME RADIO
119.925	133.3 290.4	123.6 (CTAF) L



ELEV 38	D	TDZE 22



REIL Rwys 3 and 10 L
HIRL Rwy 10-28 L
MIRL Rwy 3-21 L

CATEGORY	A	B	C	D
LPV DA	272/40 250 (300-¾)			
LNAV/VNAV DA	298/40 276 (300-¾)			
LNAV MDA	440/40 418 (500-¾)			
C CIRCLING	540-1 502 (600-1)		540-1½ 502 (600-1½)	700-2 662 (700-2)

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AK, 05 NOV 2020 to 31 DEC 2020

NOME, ALASKA | AL-1231 (FAA) | 19227

LOC/DME BC RWY 10
NOME (OME) (PAOM)

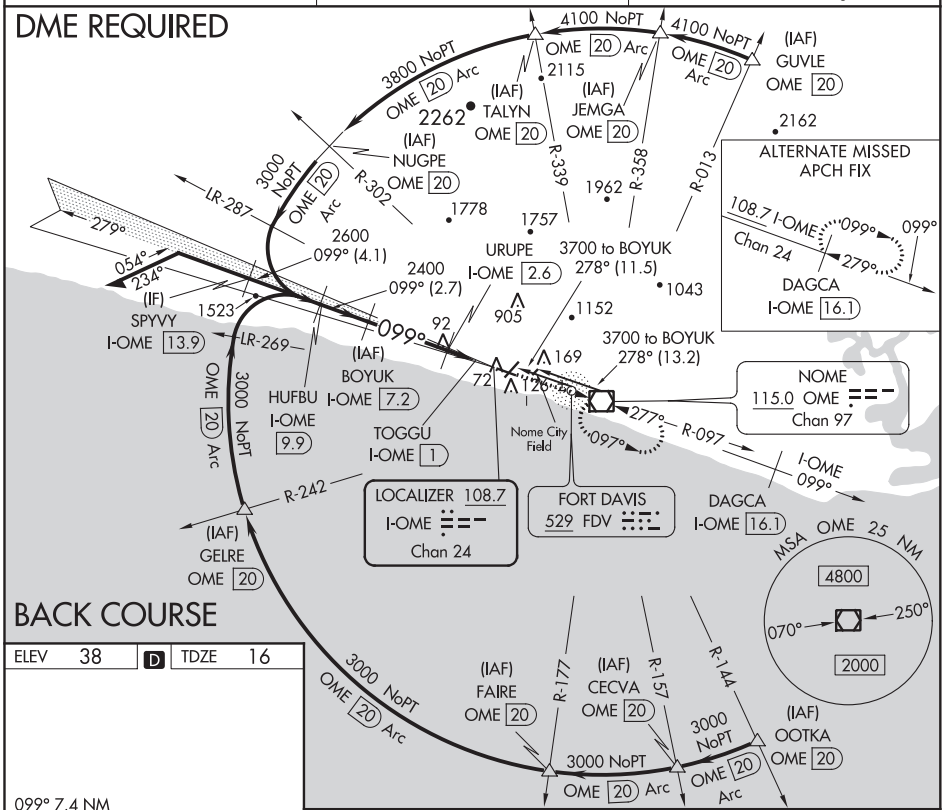
LOC/DME I-OME	APP CRS	Rwy ldg	6009
108.7	099°	TDZE	16
Chan 24		Apt Elev	38

-34°C

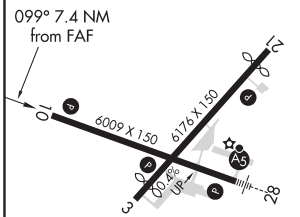
LOC BC unusable inside TOGGU/I-OME 1 DME. Night landing: Rwy 10 operational VGSI required, remain on or above VGSI glidepath until threshold. Night landing: Rwy 21 NA. Circling NA for Cats C and D north of Rwy 10-28.

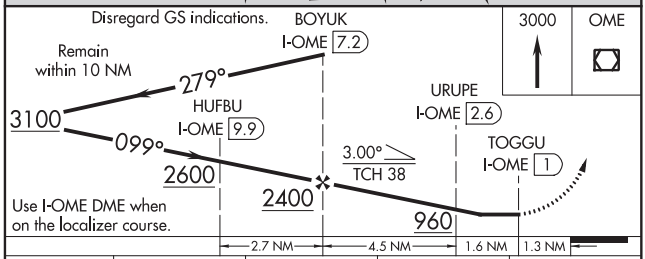
MISSED APPROACH: Climb to 3000 direct OME VOR/DME and hold, continue climb-in-hold to 3000.

AFIS	ANCHORAGE CENTER	NOME RADIO
119.925	133.3 290.4	123.6 (CTAF) L



ELEV 38 | D | TDZE 16





CATEGORY	A	B	C	D
S-10	340-1½ 324 (400-1½)			
C CIRCLING	540-1½ 502 (600-1½)			700-2 662 (700-2)

MIRL Rwy 3-21 L
HIRL Rwy 10-28 L
REIL Rwys 3 and 10 L

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VOR/DME OME	APP CRS	Rwy ldg 6009
115.0	276°	TDZE 22
Chan 97		Apt Elev 38

VOR RWY 28
NOME (OME)(PAOM)

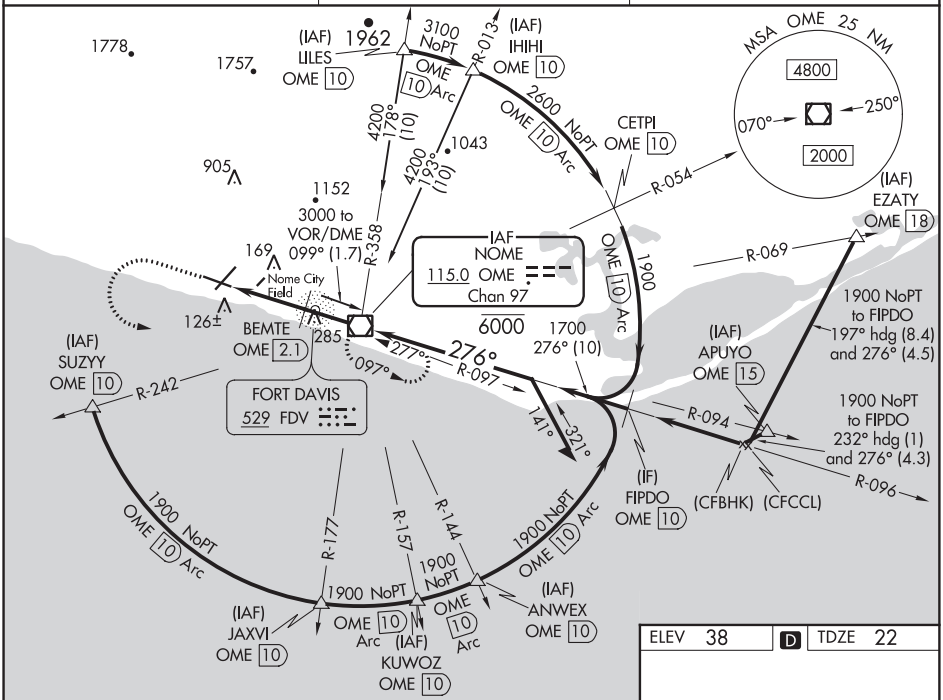
For inoperative MALSR, increase S-28 BEMTE FIX minimums Cat A/B visibility to RVR 5000, Cat C/D visibility to 1⅜ mile. Circling NA for Cats C and D north of Rwy 10-28. Night Landing: Rwy 21 NA. Helicopter visibility reduction below RVR 4000 NA.

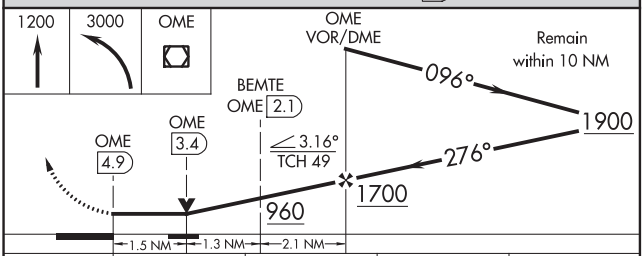
-34°C

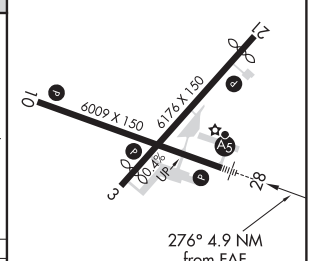
MALSR A5

MISSED APPROACH: Climb to 1200 then climbing left turn to 3000 direct OME VOR/DME and hold, continue climb-in-hold to 3000.

AFIS	ANCHORAGE CENTER	NOME RADIO
119.925	133.3 290.4	123.6 (CTAF) L







CATEGORY	A	B	C	D
S-28	960/40 938 (1000-¾)		960-2 938 (1000-2)	
C CIRCLING	960-1¼ 922 (1000-1¼)		960-2¾ 922 (1000-2¾)	960-3 922 (1000-3)
BEMTE FIX MINIMUMS				
S-28	540/40 518 (600-¾)		540/55 518 (600-1)	
C CIRCLING	540-1 502 (600-1)		540-1½ 502 (600-1½)	700-2 662 (700-2)

REIL Rwys 3 and 10 L
HIRL Rwy 10-28 L
MIRL Rwy 3-21 L

FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

NOME, ALASKA
Amdt 3 13NOV14
64°31′N-165°27′W
NOME (OME)(PAOM)
VOR RWY 28
383

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NOME, ALASKA

AL-1231 (FAA)

19227

NDB-A

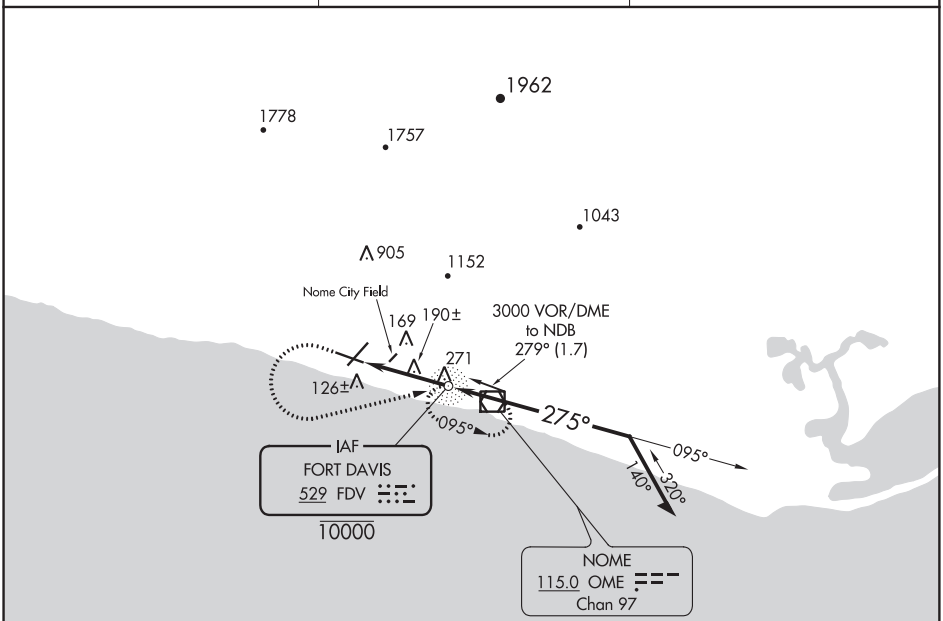
NOME (OME)(PAOM)

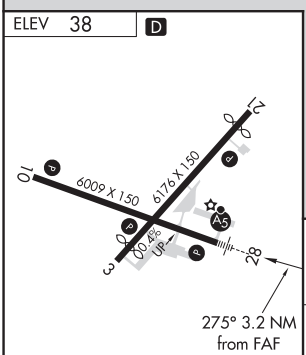
NDB FDV	APP CRS	Rwy ldg	N/A
529	275°	TDZE	N/A
		Apt Elev	38

Circling NA for Cats C and D north of Rwy 10-28.
-34°C Helicopter visibility reduction below 1 SM NA.
Night Landing: Rwy 21, NA.

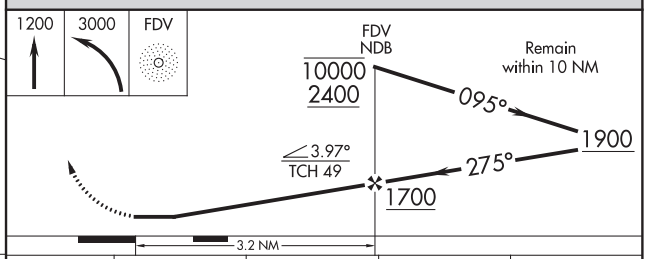
MISSED APPROACH: Climb to 1200 then climbing left turn to 3000 direct FDV NDB and hold.

AFIS	ANCHORAGE CENTER	NOME RADIO
119.925	133.3 290.4	123.6 (CTAF) L





REIL Rwys 3 and 10 L
HIRL Rwy 10-28 L
MIRL Rwy 3-21 L

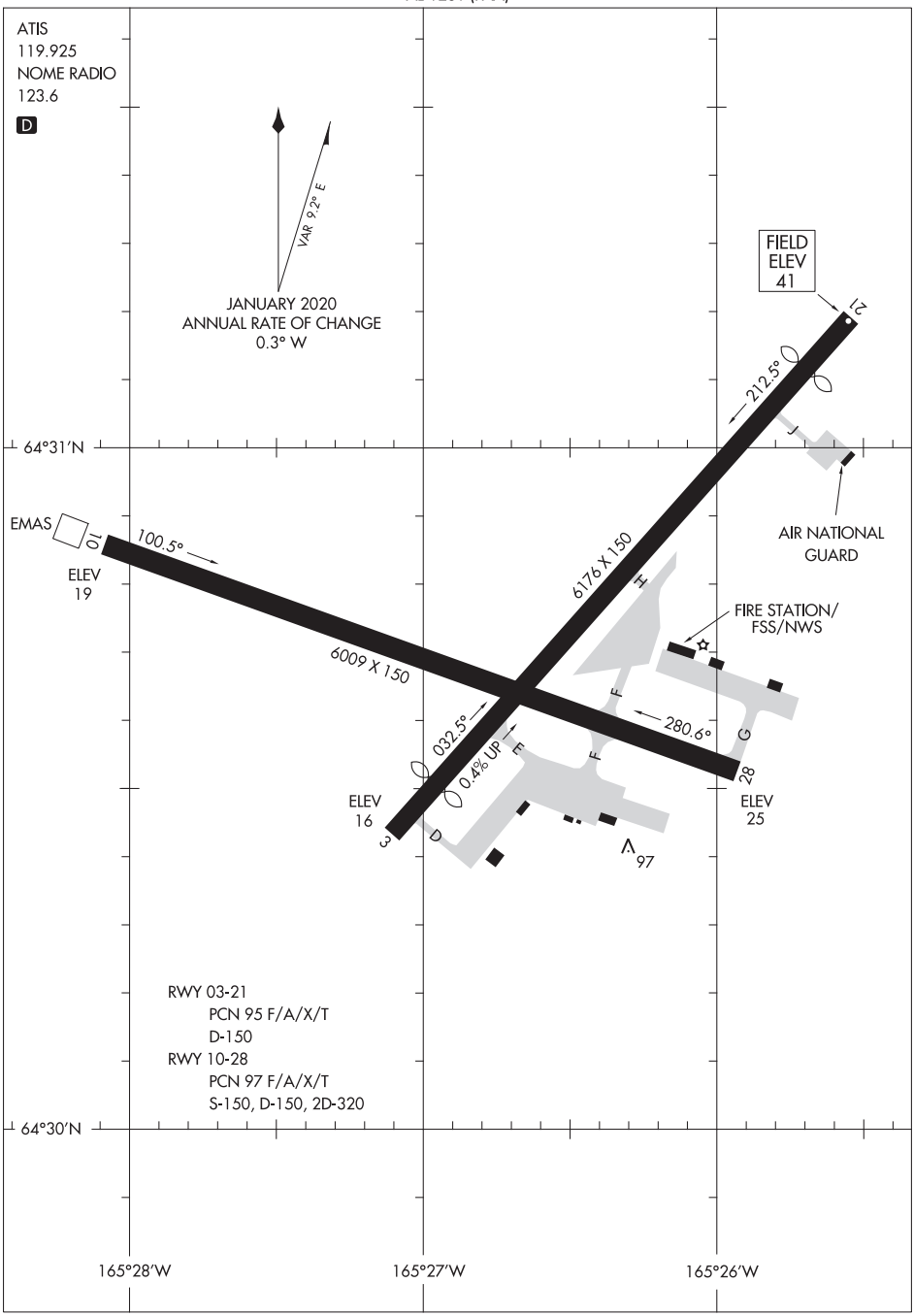


FAF to MAP 3.2 NM					
Knots	60	90	120	150	180
Min:Sec	3:12	2:08	1:36	1:17	1:04

CATEGORY	A	B	C	D
C CIRCLING	540-1	502 (600-1)	540-1½ 502 (600-1½)	700-2 662 (700-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020



AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

NONDALTON, ALASKA | AL-10164 (FAA) | 20198

RNAV (GPS) RWY 2
NONDALTON (5NN) (PANO)

APP CRS	Rwy ldg	2800
020°	TDZE	314
	Apt Elev	314

RNP APCH.

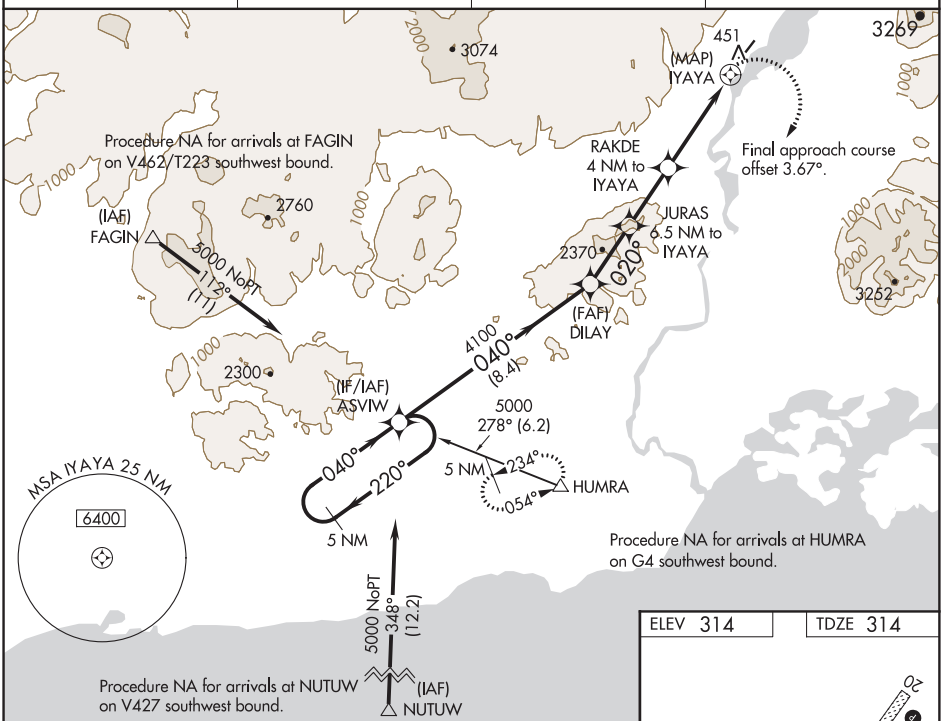
When Iliamna altimeter setting not received, procedure NA. Circling NA west of Rwy 2-20. Rwy 2 helicopter visibility reduction below 1 SM NA. Straight-In Rwy 2 NA at night, Circling Rwy 2 NA at night.

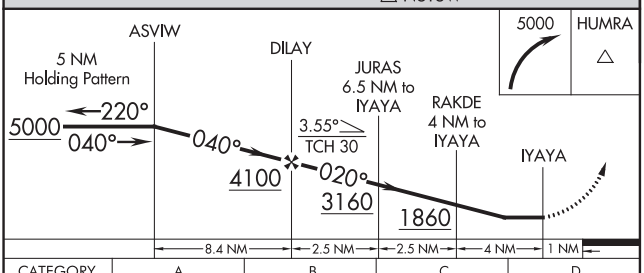
NA

-14°C

MISSED APPROACH: Climbing right turn to 5000 direct HUMRA and hold, continue climb-in-hold to 5000.
*Missed approach requires minimum climb of 265 feet per NM to 2500.

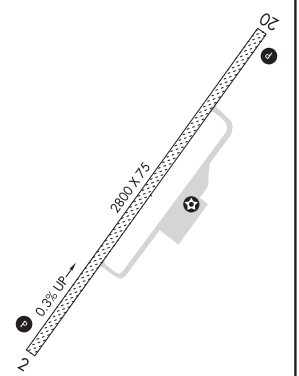
ILI/PAIL ASOS	ANCHORAGE CENTER	KENAI RADIO	CTAF
134.95	118.8	122.2	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	1660-1¼ (1346 (1400-1¼))	1660-1½ (1346 (1400-1½))	NA	
LNAV MDA*	1380-1¼ (1066 (1100-1¼))	1380-1½ (1066 (1100-1½))	NA	
C CIRCLING	1660-1¼ (1346 (1400-1¼))	1660-1½ (1346 (1400-1½))	NA	

ELEV 314 | TDZE 314



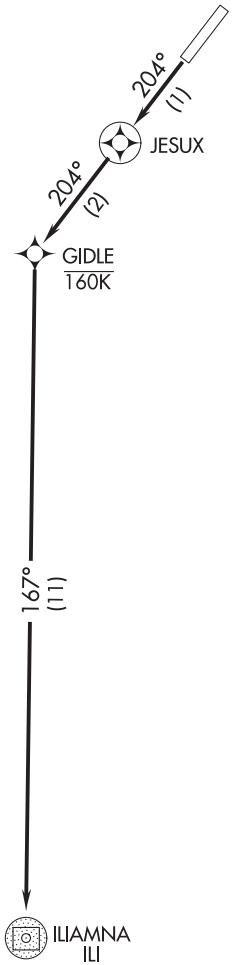
REIL Rwys 2 and 20 L
MIRL Rwy 2-20 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ILIAMNA TWO DEPARTURE (OBSTACLE) (RNAV)

ANCHORAGE CENTER
118.8
ILIAMNA RADIO
122.2



NOTE: GPS required.

NOTE: RNAV 1.

NOTE: Do not exceed 160K until GIDLE.

TAKEOFF MINIMUMS

Rwy 2: NA - Obstacles.

Rwy 20: Standard with minimum climb of 474′ per NM to 2100.

TAKEOFF OBSTACLE NOTE

Rwy 20: Trees 1.3 NM from DER, 1760′ right of centerline, up to 50′ AGL/549′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 20: Climb on course 204° to JESUX, then on depicted route to ILI NDB/DME. Then on assigned route and altitude.

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NOORVIK, ALASKA | AL-10379 (FAA) | 20254

WAAS CH 78213 W06A	APP CRS 059°	Rwy ldg 4000 TDZE 54 Apt Elev 55

RNAV (GPS) RWY 6

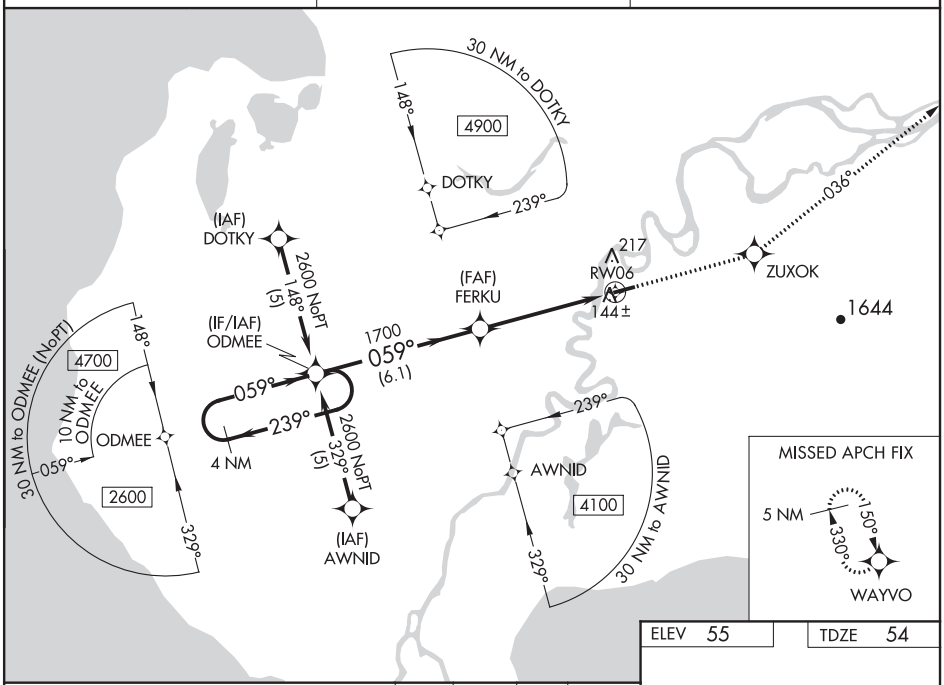
ROBERT/BOB/CURTIS MEMORIAL (D76) (PFNO)

RNP APCH.

T A NA — Baro-VNAV NA. Use Selawik altimeter setting; when not received, use Kotzebue altimeter setting and increase all DA/MDA 40 feet, increase LPV and LNAV/VNAV all Cats and LNAV Cat D visibility ¼ mile. Rwy 6 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 4100 direct ZUXOK and via track 036° to WAYVO and hold, continue climb-in-hold to 4100.

AWOS-3P	ANCHORAGE CENTER	CTAF
120.0	119.2 263.0	122.7 L

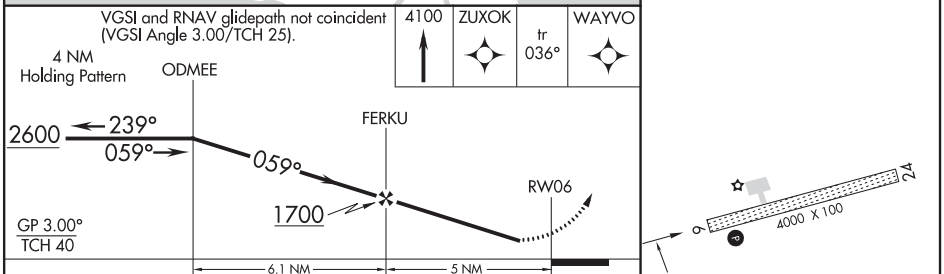


AK, 05 NOV 2020 to 31 DEC 2020

ELEV 55	TDZE 54

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).

4100	ZUXOK	tr 036°	WAYVO



CATEGORY	A	B	C	D
LPV DA	399-1¼ 345 (400-1¼)			
LNAV/VNAV DA	484-1½ 430 (500-1½)			
LNAV MDA	480-1 426 (500-1)		480-1¼ 426 (500-1¼)	
CIRCLING	600-1 545 (600-1)		600-1½ 545 (600-1½)	620-2 565 (600-2)

MIRL Rwy 6-24 L

NOORVIK, ALASKA
Orig-A 08NOV18

ROBERT/BOB/CURTIS MEMORIAL (D76) (PFNO)
66°49′N-161°01′W
RNAV (GPS) RWY 6

WAAS CH 78313 W24A	APP CRS 239°	Rwy ldg 4000 TDZE 55 Apt Elev 55

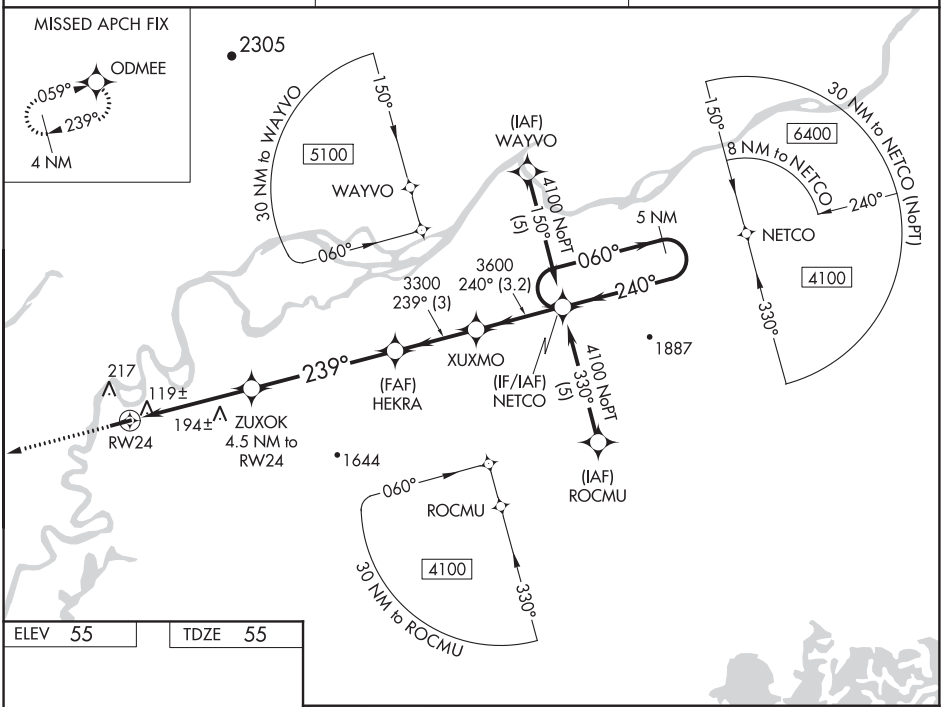
RNAV (GPS) RWY 24
ROBERT/BOB/CURTIS MEMORIAL (D76) (PFNO)

RNP APCH.

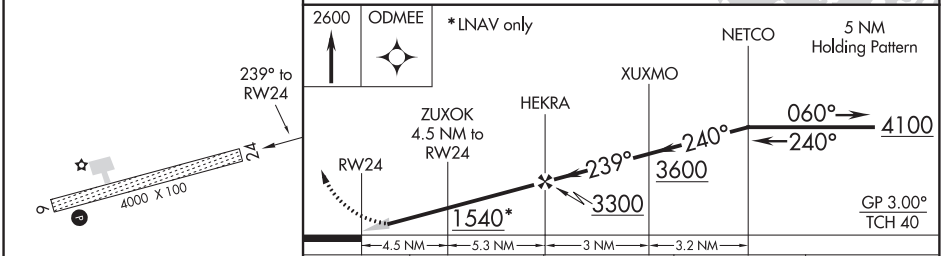
Baro-VNAV NA.
NA
Use Selawik altimeter setting; when not received, use Kotzebue altimeter setting and increase all DA/MDA 40 feet and visibility LPV and LNAV/VNAV ¼ mile all Cats.

MISSED APPROACH: Climb to 2600 direct ODMEE and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
120.0	119.2 263.0	122.7 L



ELEV 55 TDZE 55



CATEGORY	A	B	C	D
LPV DA	431-1¼ 376 (400-1¼)			
LNAV/VNAV DA	486-1½ 431 (500-1½)			
LNAV MDA	500-1 445 (500-1)		500-1¼ 445 (500-1¼)	500-1½ 445 (500-1½)
CIRCLING	600-1 545 (600-1)		600-1½ 545 (600-1½)	620-2 565 (600-2)

MIRL Rwy 6-24 L

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AK, 05 NOV 2020 to 31 DEC 2020

NORTHWAY, ALASKA | AL-1216 (FAA) | 20254

APP CRS	Rwy ldg	5100
052°	TDZE	1713
	Apt Elev	1716

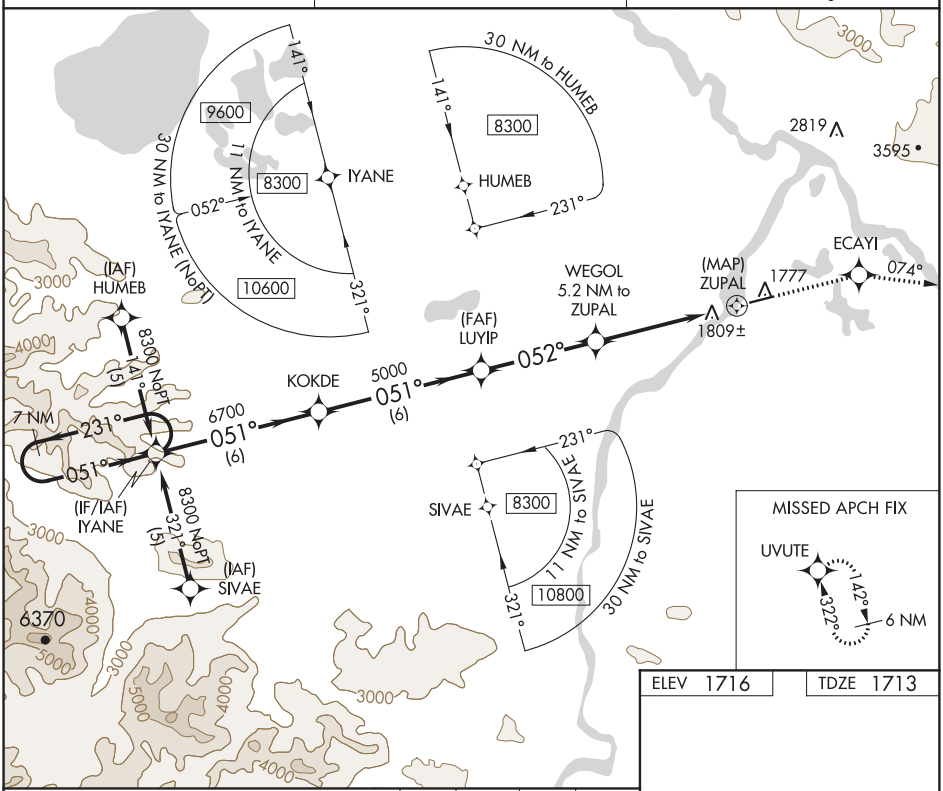
RNAV (GPS) RWY 5
NORTHWAY (ORT)(PAOR)

-38°C

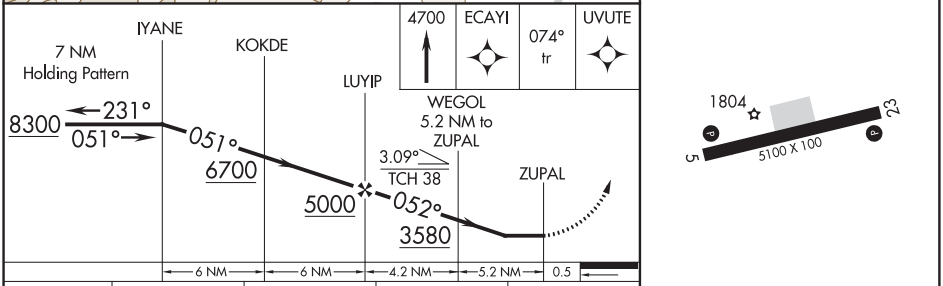
DME/DME RNP-0.3 NA.
Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 4700 direct ECAYI and via 074° track to UVUTE and hold.

ASOS	ANCHORAGE CENTER	NORTHWAY RADIO
135.4	126.55 323.0	123.6 (CTAF) L



ELEV 1716 | TDZE 1713



CATEGORY	A	B	C	D
LNAV MDA	2060-1 347 (400-1)			2060-1¼ 347 (400-1¼)
CIRCLING	2220-1 504 (600-1)		2220-1½ 504 (600-1½)	2280-2 564 (600-2)

REIL Rwy 23 L
MIRL Rwy 5-23 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) RWY 23
NORTHWAY (ORT)(PAOR)

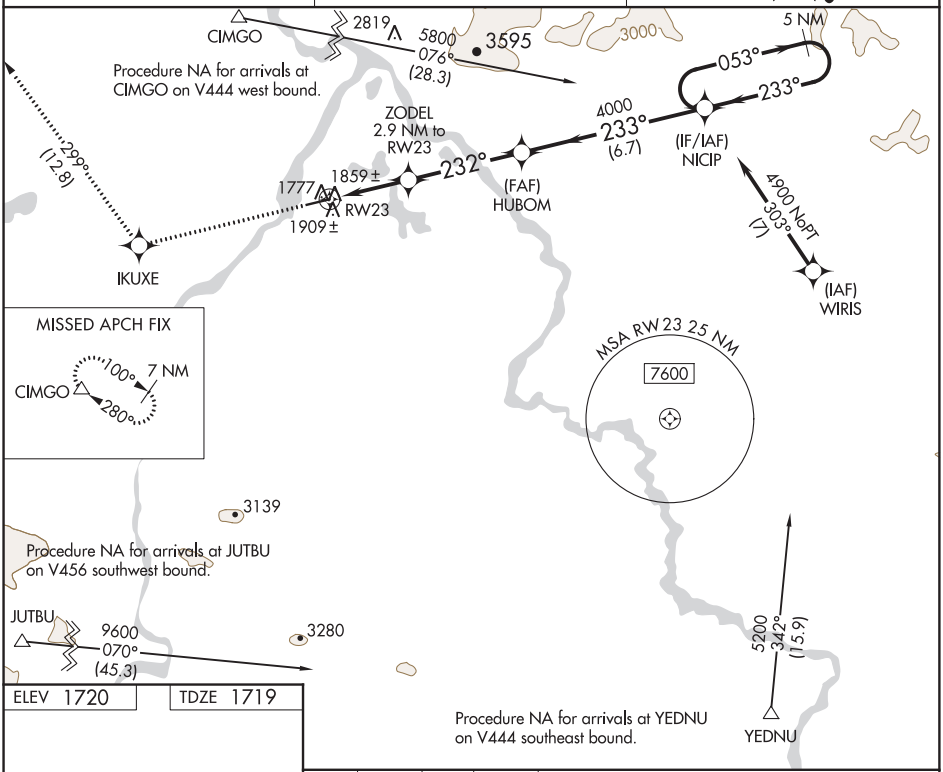
WAAS CH 48924 W23A	APP CRS 232°	Rwy ldg 5100 TDZE 1719 Apt Elev 1720

-38°C

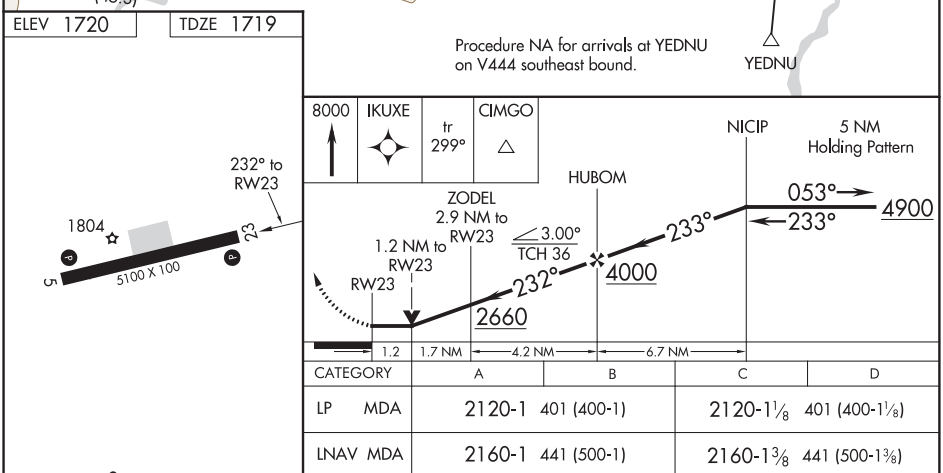
When local altimeter setting not received, procedure NA. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 8000 direct IKUXE and on track 299° to CIMGO and hold, continue climb-in-hold to 8000.

ASOS	ANCHORAGE CENTER	NORTHWAY RADIO
135.4	126.55 323.0	123.6 (CTAF) L



ELEV 1720 TDZE 1719



CATEGORY	A	B	C	D
LP MDA	2120-1 401 (400-1)		2120-1⅛ 401 (400-1⅛)	
LNAV MDA	2160-1 441 (500-1)		2160-1⅜ 441 (500-1⅜)	
CIRCLING	2220-1 500 (500-1)		2220-1½ 500 (500-1½)	2280-2 560 (600-2)

REIL Rwy 23 L
MIRL Rwy 5-23 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

NORTHWAY, ALASKA

AL-1216 (FAA)

20254

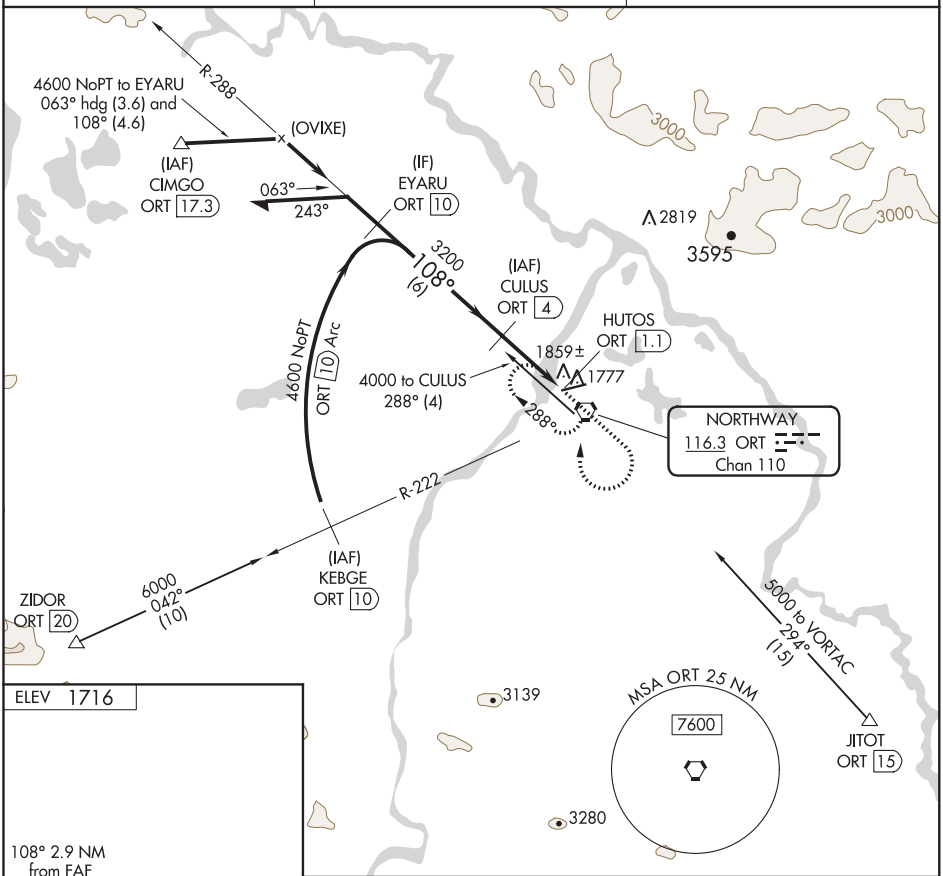
VOR/DME-A
NORTHWAY (ORT)(PAOR)

VORTAC ORT 116.3 Chan 110	APP CRS 108°	Rwy ldg N/A TDZE N/A Apt Elev 1716

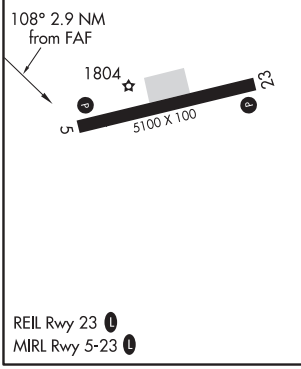
-38°C

MISSED APPROACH: Climb to 3500 then climbing right turn to 8000 direct ORT VORTAC and hold, continue climb-in-hold to 8000.

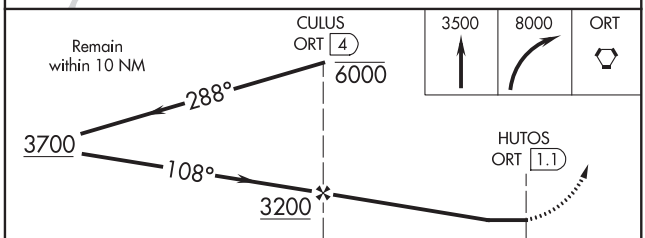
ASOS	ANCHORAGE CENTER	NORTHWAY RADIO
135.4	126.55 323.0	123.6 (CTAF)



ELEV 1716



REIL Rwy 23
MIRL Rwy 5-23



CATEGORY	A	B	C	D
CIRCLING	2220-1	504 (600-1)	2220-1½ 504 (600-1½)	2280-2 564 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 90225 W05A	APP CRS 048°	Rwy ldg 4589 TDZE 45 Apt Elev 45

RNAV (GPS) RWY 5
NUIQSUT (AQT) (PAQT)

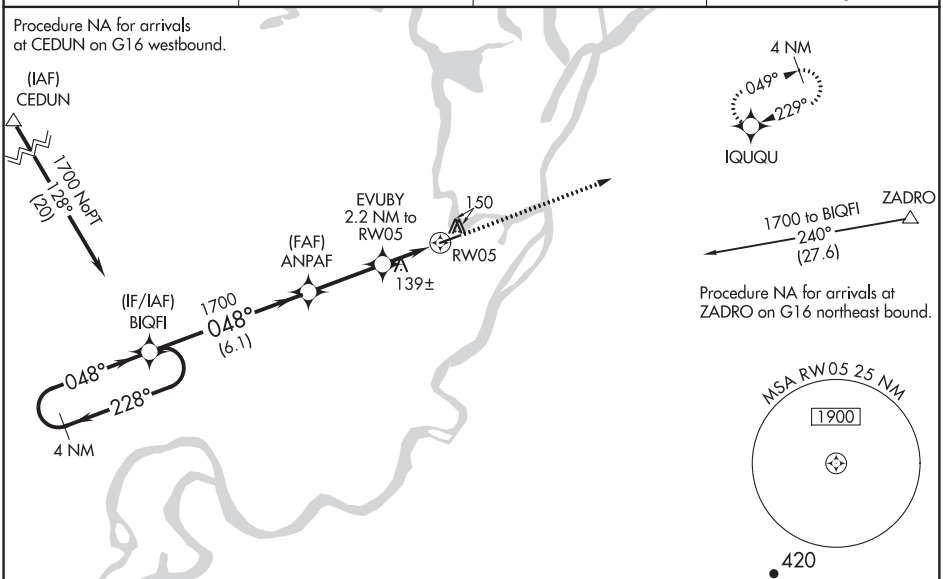
-41°C

Inoperative table does not apply. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Deadhorse altimeter setting and increase all DA 123 feet and all MDA 140 feet, increase LPV all Cats, LNAV/VNAV all Cats, and Circling Cat C visibility ¼ mile, increase LNAV Cat C visibility ½ mile. VDP and Baro-VNAV NA with Deadhorse altimeter setting.

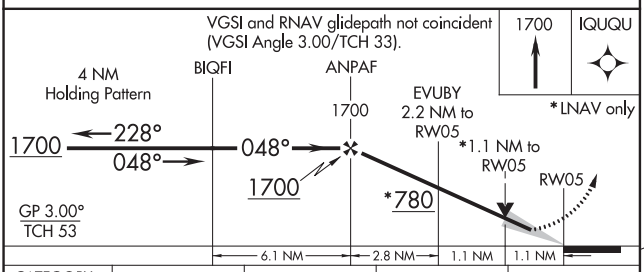
MALSF

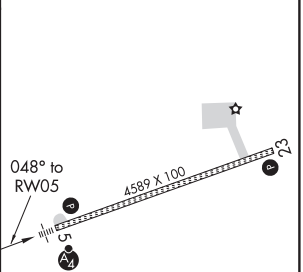
MISSED APPROACH: Climb to 1700 direct IQUQU and hold.

ASOS	ANCHORAGE CENTER	DEADHORSE RADIO	CTAF
135.35	119.4	122.5	122.8 L



ELEV 45	TDZE 45





CATEGORY	A	B	C	D
LPV DA	295-1 250 (300-1)			NA
LNAV/VNAV DA	295-1 250 (300-1)			NA
LNAV MDA	440-1 395 (400-1)		440-1⅛ 395 (400-1⅛)	NA
CIRCLING	520-1 475 (500-1)		520-1½ 475 (500-1½)	NA

HIRL Rwy 5-23 L
REIL Rwy 23 L

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AK, 05 NOV 2020 to 31 DEC 2020

NUIQSUT, ALASKA

AL-9239 (FAA)

19171

RNAV (GPS) RWY 23

NUIQSUT (AQT) (PAQT)

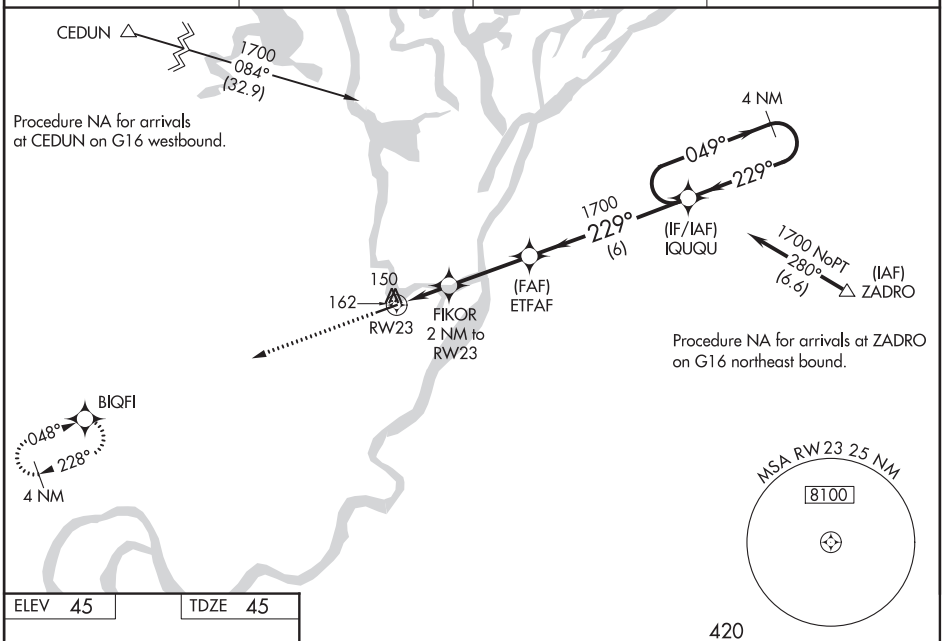
WAAS CH 99425 W23A	APP CRS 229°	Rwy ldg 4589 TDZE 45 Apt Elev 45

-41°C

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Baro-VNAV NA with Deadhorse altimeter setting. When local altimeter setting not received, use Deadhorse altimeter setting and increase all DA 123 feet and all MDA 140 feet, increase LPV all Cats and LNAV Circling Cat C visibility ¼ mile, increase LNAV/VNAV all Cats and LNAV Cat C visibility ½ mile.

MISSED APPROACH: Climb to 1700 direct BIQFI and hold.

ASOS	ANCHORAGE CENTER	DEADHORSE RADIO	CTAF
135.35	119.4	122.5	122.8 L



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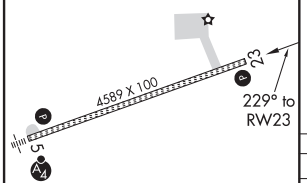
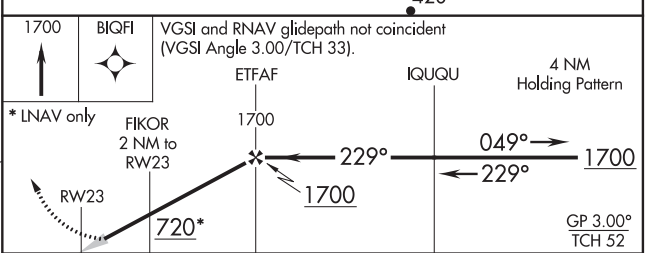
AK, 05 NOV 2020 to 31 DEC 2020

ELEV 45 | TDZE 45





CATEGORY	A	B	C	D
LPV DA	295-1 250 (300-1)			NA
LNAV/VNAV DA	369-1 324 (400-1)			NA
LNAV MDA	480-1 435 (500-1)		480-1⅜ 435 (500-1⅜)	NA
CIRCLING	520-1 475 (500-1)		520-1½ 475 (500-1½)	NA

HIRL Rwy 5-23 L
REIL Rwy 23 L

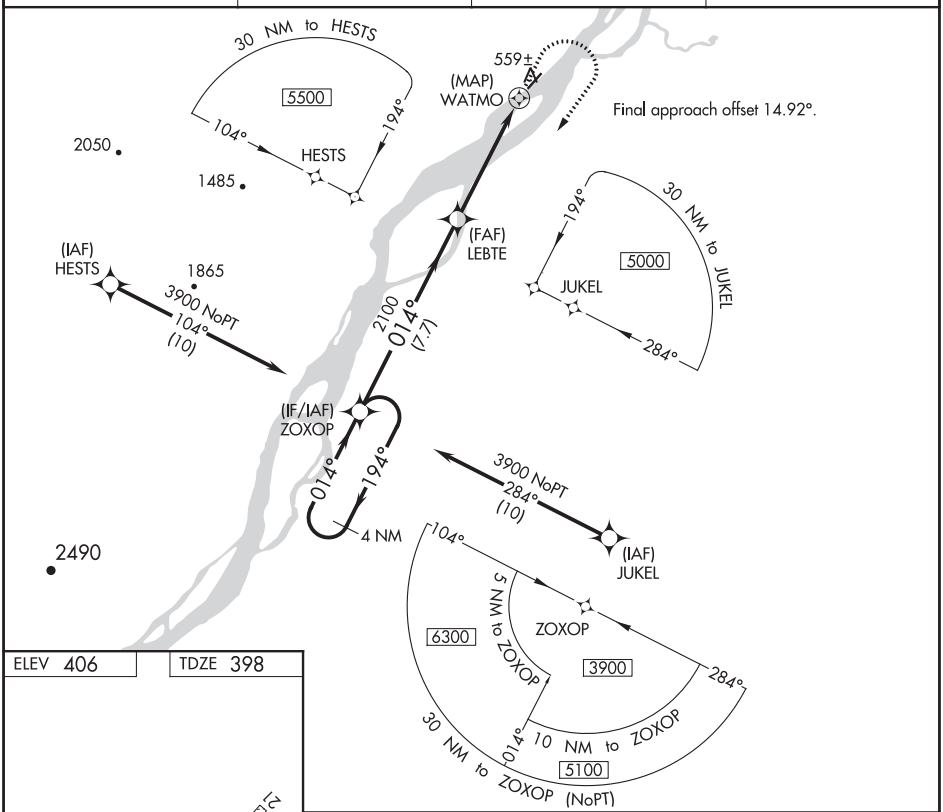
APP CRS	Rwy ldg	4011
014°	TDZE	398
	Apt Elev	406

RNAV (GPS) RWY 3
NULATO (NUL) (PANU)

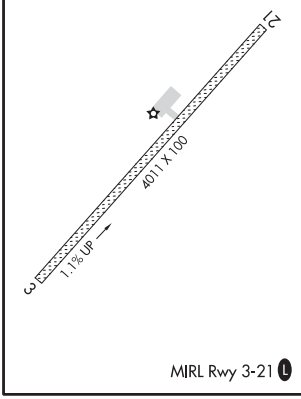
T A NA — Rwy 3 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Procedure NA at night. Use Galena altimeter setting.

MISSED APPROACH: Climb to 1500 then climbing right turn to 3900 direct ZOXOP and hold.

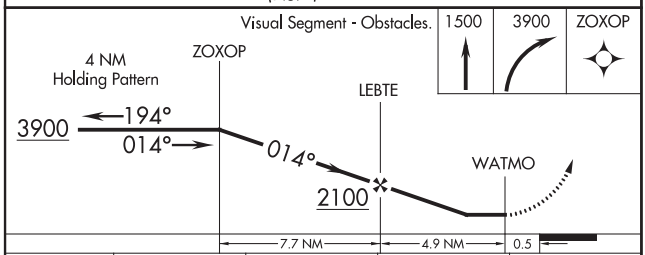
GAL/PAGA AWOS-3	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
132.525	127.0 290.2	122.2	122.9 L



ELEV 406 TDZE 398



MIRL Rwy 3-21 L



CATEGORY	A	B	C	D
LNAV MDA	920-1 522 (600-1)		920-1½ 522 (600-1½)	
C CIRCLING	1280-1¼ 874 (900-1¼)	1380-1½ 974 (1000-1½)	1420-3 1014 (1100-3)	1620-3 1214 (1300-3)

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NULATO, ALASKA | AL-10165 (FAA) | 20198

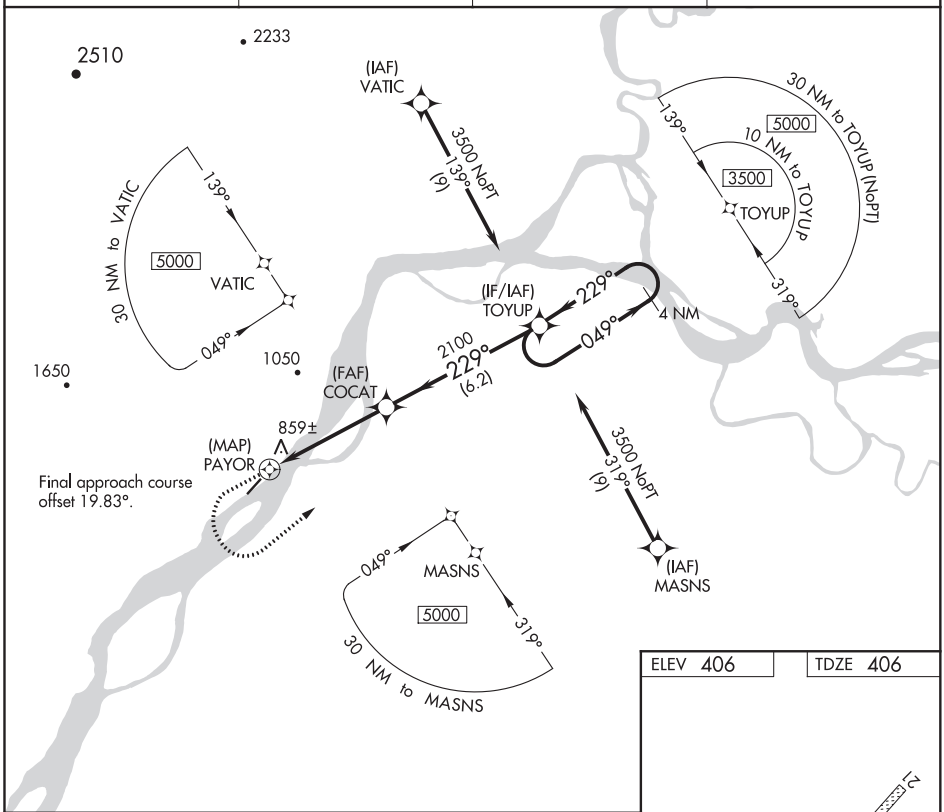
RNAV (GPS) RWY 21
NULATO (NUL) (PANU)

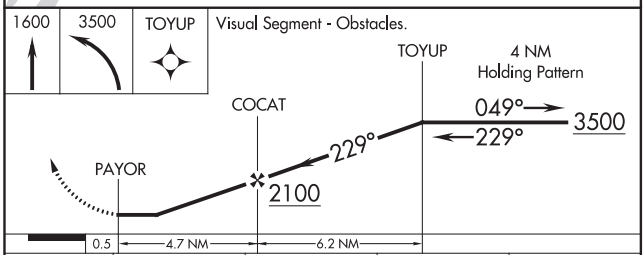
APP CRS	Rwy ldg	4011
229°	TDZE	406
	Apt Elev	406

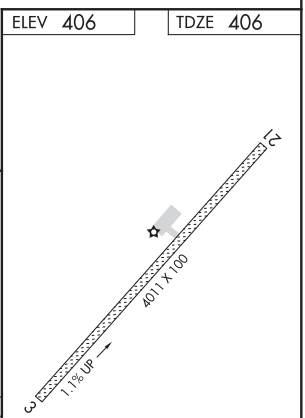
Rwy 21 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Use Galena altimeter setting. Procedure NA at night.

MISSED APPROACH: Climb to 1600 then climbing left turn to 3500 direct TOYUP and hold.

GAL/PAGA AWOS-3	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
132.525	127.0 290.2	122.2	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	1220-1 814 (900-1)	1220-1¼ 814 (900-1¼)	1220-2½	814 (900-2½)
C CIRCLING	1280-1¼ 874 (900-1¼)	1380-1½ 974 (1000-1½)	1420-3 1014 (1100-3)	1620-3 1214 (1300-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 40425 W10A	APP CRS 097°	Rwy ldg 3616 TDZE 233 Apt Elev 249

RNAV (GPS) RWY 10

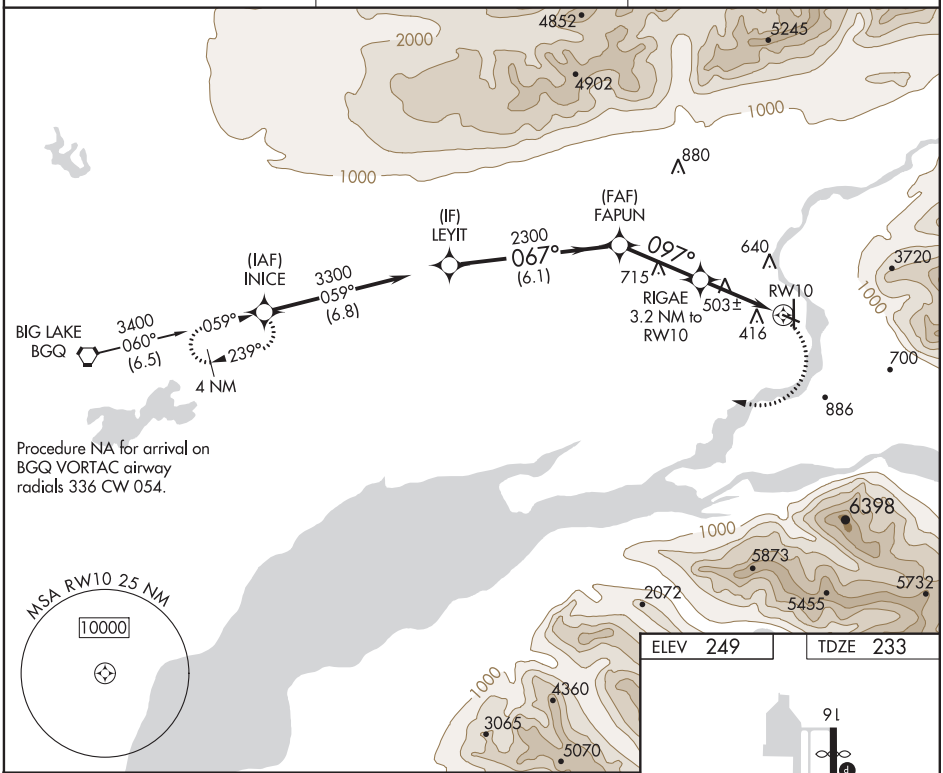
WARREN "BUD" WOODS PALMER MUNI (PAQ) (PAAQ)

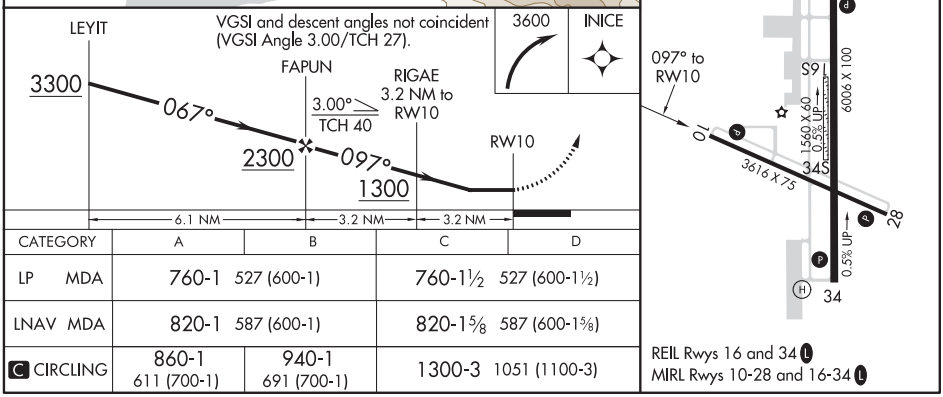
RNP APCH.

Circling NA northeast of Rwy 16-28. Procedure NA at night.
Rwy 10 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: (Do not exceed 185K until INICE)
Climbing right turn to 3600 direct INICE and hold.

ASOS	ANCHORAGE APP CON	PALMER RADIO
134.75	118.6 290.5	123.6 (CTAF) L 122.4





CATEGORY	A	B	C	D
LP MDA	760-1 527 (600-1)		760-1½ 527 (600-1½)	
LNAV MDA	820-1 587 (600-1)		820-1⅝ 587 (600-1⅝)	
C CIRCLING	860-1 611 (700-1)	940-1 691 (700-1)	1300-3 1051 (1100-3)	

REIL Rwys 16 and 34 L
MIRL Rwys 10-28 and 16-34 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

PALMER, ALASKA | AL-9294 (FAA) | 20310

APP CRS	Rwy ldg	N/A
024°	TDZE	N/A
	Apt Elev	249

RNAV (GPS)-A

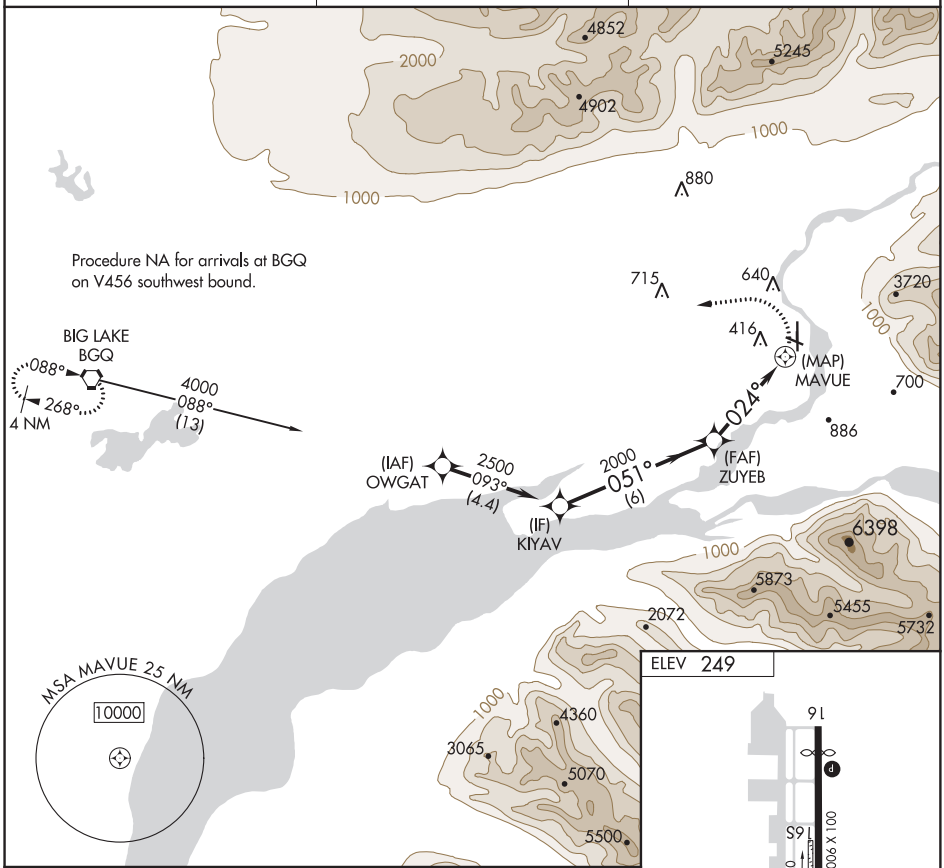
WARREN "BUD" WOODS PALMER MUNI (PAQ) (PAAQ)

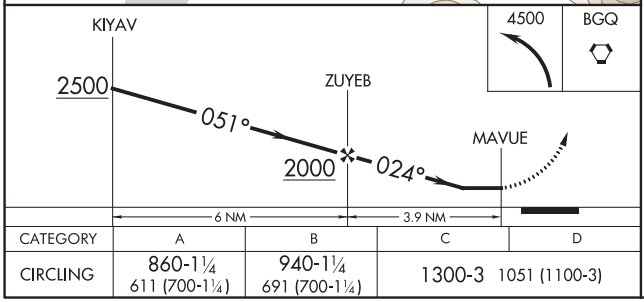
RNP APCH.

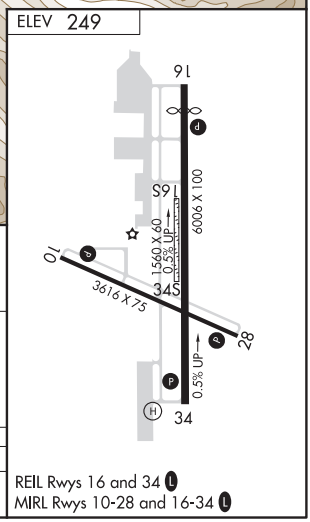
Circling NA northeast of Rwy 16-28.
Procedure NA at night.

MISSED APPROACH: Climbing left turn to 4500 direct BGQ VORTAC and hold.

ASOS	ANCHORAGE APP CON	PALMER RADIO
134.75	118.6 290.5	123.6 (CTAF) L 122.4







CATEGORY	A	B	C	D
CIRCLING	860-1¼ 611 (700-1¼)	940-1¼ 691 (700-1¼)	1300-3 1051 (1100-3)	

REIL Rwys 16 and 34 L
MIRL Rwys 10-28 and 16-34 L

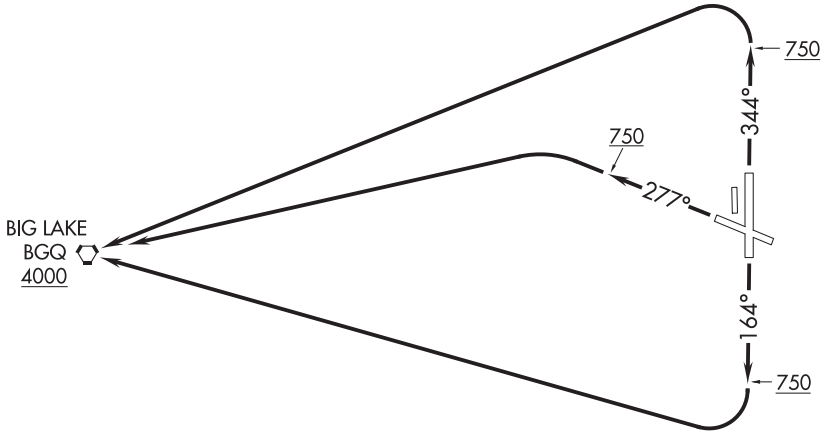
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

PALMER FIVE DEPARTURE (OBSTACLE) (RNAV)

AL-9294 (FAA) PALMER, ALASKA

ANCHORAGE DEP CON
118.6 290.5
CTAF
123.6



NOTE: RNAV 1.
NOTE: GPS required.
NOTE: Rwy 16: Do not exceed 210K until established direct BGQ VORTAC.

TAKEOFF MINIMUMS
Rwy 10: NA-obstacles.
Rwy 16: Standard with minimum climb of 319′ per NM to 1100.
Rwy 28: 300-1⅞ , or standard with minimum climb of 209′ per NM to 750.
Rwy 34: Standard with minimum climb of 432′ per NM to 900.

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

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 16: Climb heading 164° to 750, then right turn direct to cross BGQ VORTAC at or above 4000, thence. . . .
TAKEOFF RUNWAY 28: Climb heading 277° to 750, then left turn direct to cross BGQ VORTAC at or above 4000, thence. . . .
TAKEOFF RUNWAY 34: Climb heading 344° to 750, then left turn direct to cross BGQ VORTAC at or above 4000, thence. . . .

. . . .maintain 4000 or assigned altitude, expect filed altitude 10 minutes after departure.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

TAKEOFF OBSTACLE NOTES

Rwy 16: NAVAID beginning 3′ from DER, 40′ right of centerline, up to 2′ AGL/222′ MSL.
NAVAID, fence beginning 4′ from DER, 49′ left of centerline, up to 1′ AGL/222′ MSL.
Terrain beginning 197′ from DER, 393′ right of centerline, up to 227′ MSL.
Trees beginning 584′ from DER, 161′ left of centerline, up to 60′ AGL/274′ MSL.
Catenary 910′ from DER, 623′ right of centerline, 39′ AGL/259′ MSL.
Trees beginning 991′ from DER, 40′ right of centerline, up to 72′ AGL/292′ MSL.
Trees beginning 2340′ from DER, 246′ right of centerline, up to 90′ AGL/301′ MSL.

Rwy 28: NAVAID beginning 3′ from DER, 27′ right of centerline, up to 2′ AGL/234′ MSL.
NAVAID beginning 11′ from DER, 37′ left of centerline, up to 1′ AGL/234′ MSL.
Vegetation 11′ from DER, 48′ right of centerline, 3′ AGL/236′ MSL.
Vertical structure, tree, vegetation beginning 20′ from DER, 183′ right of centerline, up to 22′ AGL/259′ MSL.
Trees beginning 20′ from DER, 10′ left of centerline, up to 90′ AGL/322′ MSL.
Tree, vegetation beginning 278′ from DER, 18′ right of centerline, up to 79′ AGL/317′ MSL.
Tree, pole, catenary, antenna beginning 513′ from DER, 12′ right of centerline, up to 92′ AGL/328′ MSL.
Trees beginning 1377′ from DER, 45′ left of centerline, up to 94′ AGL/331′ MSL.
Trees beginning 2121′ from DER, 594′ left of centerline, up to 97′ AGL/337′ MSL.
Trees beginning 3799′ from DER, 876′ left of centerline, up to 67′ AGL/345′ MSL.
Tree 3965′ from DER, 773′ left of centerline, 69′ AGL/354′ MSL.

Rwy 34: Tree, NAVAID beginning 1′ from DER, 39′ right of centerline, up to 79′ AGL/287′ MSL.
NAVAID beginning 9′ from DER, 40′ left of centerline, up to 2′ AGL/250′ MSL.
Sign 28′ from DER, 198′ left of centerline, 3′ AGL/251′ MSL.
Vegetation 38′ from DER, 431′ left of centerline, 4′ AGL/253′ MSL.
Tree 73′ from DER, 192′ right of centerline, 47′ AGL/289′ MSL.
Trees beginning 138′ from DER, 144′ right of centerline, up to 82′ AGL/306′ MSL.
Vegetation beginning 164′ from DER, 287′ left of centerline, up to 2′ AGL/255′ MSL.
Tree 270′ from DER, 545′ left of centerline, 5′ AGL/257′ MSL.
Tree, catenary, pole beginning 393′ from DER, 108′ right of centerline, up to 73′ AGL/313′ MSL.
Tree 575′ from DER, 512′ left of centerline, 4′ AGL/265′ MSL.
Trees beginning 653′ from DER, 170′ left of centerline, up to 4′ AGL/266′ MSL.
Catenary, pole, tree beginning 1046′ from DER, 52′ left of centerline, up to 42′ AGL/284′ MSL.
Trees beginning 1123′ from DER, 133′ left of centerline, up to 83′ AGL/327′ MSL.
Trees beginning 1129′ from DER, 12′ right of centerline, up to 82′ AGL/325′ MSL.
Tree 1256′ from DER, 397′ left of centerline, 80′ AGL/329′ MSL.
Trees beginning 1880′ from DER, 34′ left of centerline, up to 97′ AGL/352′ MSL.
Tree 1990′ from DER, 75′ right of centerline, 102′ AGL/341′ MSL.
Trees beginning 2184′ from DER, 4′ right of centerline, up to 109′ AGL/344′ MSL.
Trees beginning 2546′ from DER, 162′ left of centerline, up to 98′ AGL/356′ MSL.
Tree 2963′ from DER, 1188′ right of centerline, 82′ AGL/355′ MSL.
Trees beginning 2973′ from DER, 1191′ right of centerline, up to 86′ AGL/364′ MSL.
Trees beginning 4046′ from DER, 1574′ right of centerline, up to 119′ AGL/379′ MSL.
Tree 4818′ from DER, 1704′ right of centerline, 118′ AGL/385′ MSL.
Tree 1 NM from DER, 2106′ right of centerline, 96′ AGL/590′ MSL.

APP CRS	Rwy ldg	3300
032°	TDZE	30
	Apt Elev	30

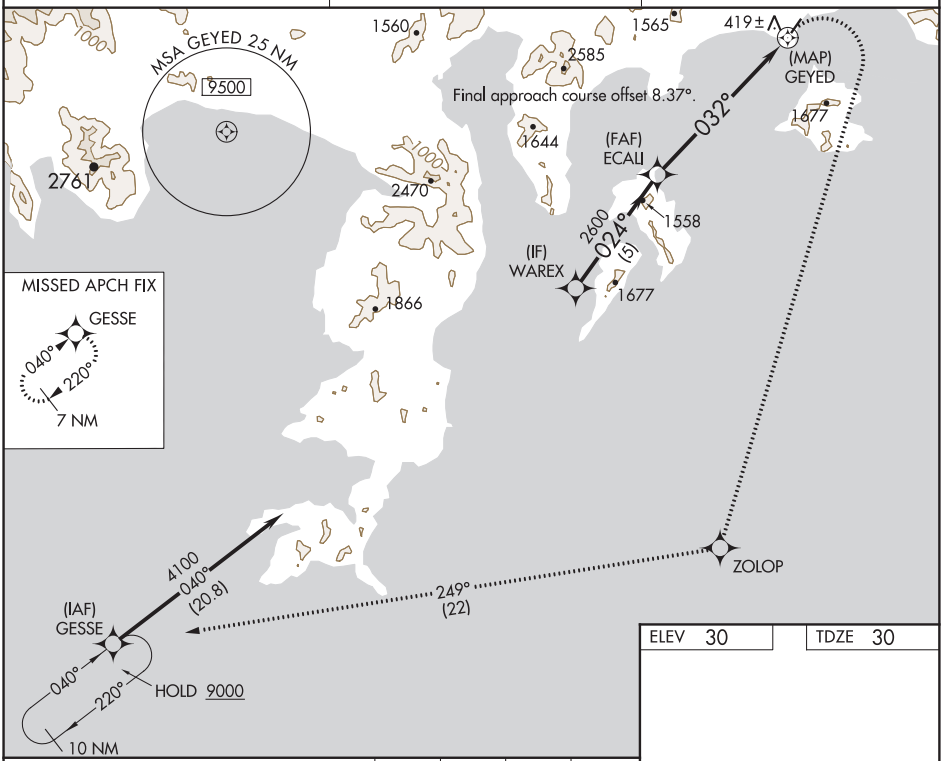
RNAV (GPS) RWY 2
PERRYVILLE (PEV) (PAPE)

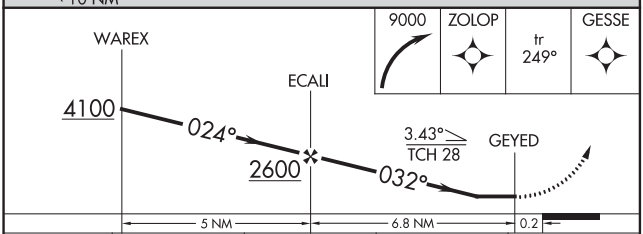
RNP APCH.

T A NA Rwy 2 helicopter visibility reduction below 1 SM NA. Procedure NA at night. Use Chignik altimeter setting; when not received, use Sand Point altimeter setting and increase all MDAs 60 feet.

MISSED APPROACH: (Do not exceed 230K until completion of climbing right turn) Climbing right turn to 9000 direct ZOLOP and on track 249° to GESSE, continue climb-in-hold to 9000.
*Missed approach requires minimum climb of 418′ per NM to 2400.

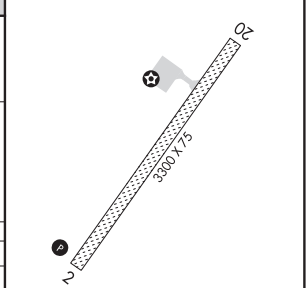
AJC/PAJC AWOS-3P	ANCHORAGE CENTER	CTAF
135.75	125.35 346.3	122.9 L





CATEGORY	A	B	C	D
LNAV MDA*	1360-1¼ 1330 (1400-1¼)	1360-1½ 1330 (1400-1½)	1360-3 1330 (1400-3)	
LNAV MDA	2080-1¼ 2050 (2100-1¼)	2080-1½ 2050 (2100-1½)	2080-3 2050 (2100-3)	
C CIRCLING	2080-1¼ 2050 (2100-1¼)	2080-1½ 2050 (2100-1½)	2160-3 2130 (2200-3)	2840-3 2810 (2900-3)

ELEV 30 TDZE 30



MIRL Rwy 2-20 L
REIL Rwy 2 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

(CILAC3.CILAC) 18312 AL-9295 (FAA)

CILAC THREE DEPARTURE (OBSTACLE) (RNAV)

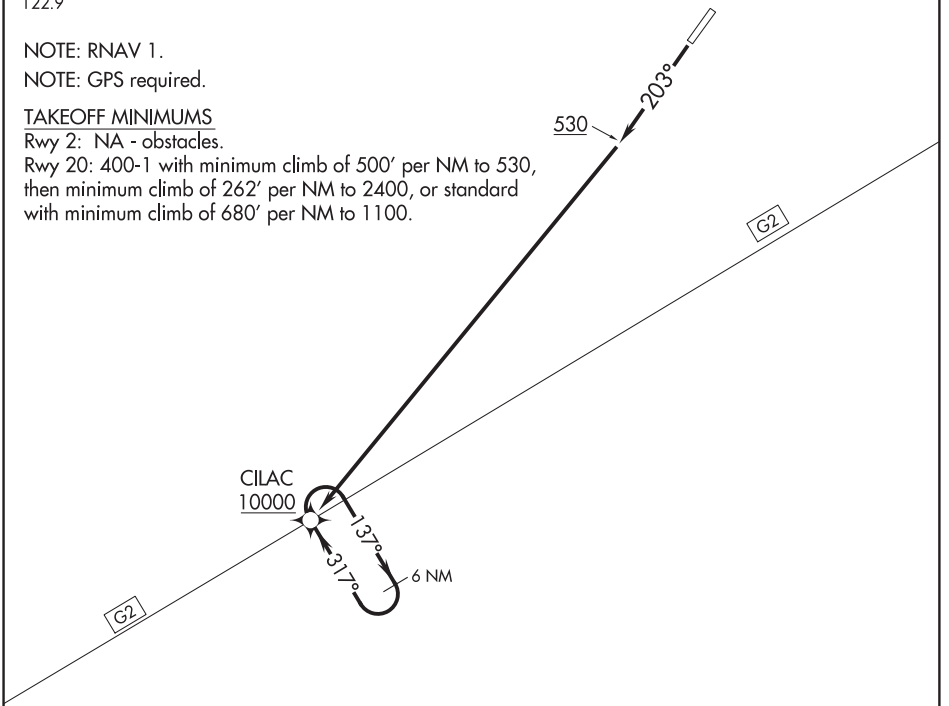
PERRYVILLE (PEV) (PAPE)
PERRYVILLE, ALASKA

ANCHORAGE CENTER
125.35 346.3
CTAF
122.9

NOTE: RNAV 1.

NOTE: GPS required.

TAKEOFF MINIMUMS
Rwy 2: NA - obstacles.
Rwy 20: 400-1 with minimum climb of 500′ per NM to 530, then minimum climb of 262′ per NM to 2400, or standard with minimum climb of 680′ per NM to 1100.



TAKEOFF OBSTACLE NOTES
Rwy 20: Tree 52′ from DER, 264′ right of centerline, 50′ AGL/67′ MSL.
Trees beginning 83′ from DER, 17′ right of centerline, up to 50′ AGL/99′ MSL.
Trees beginning 103′ from DER, 190′ left of centerline, up to 50′ AGL/50′ MSL.
Trees beginning 549′ from DER, 86′ left of centerline, up to 50′ AGL/64′ MSL.
Vehicle 1567′ from DER, 156′ left of centerline, 15′ AGL/64′ MSL.
Tree 1690′ from DER, 54′ left of centerline, 50′ AGL/70′ MSL.
Trees beginning 1937′ from DER, 35′ right of centerline, up to 50′ AGL/149′ MSL.
Tree 2385′ from DER, 125′ left of centerline, 50′ AGL/90′ MSL.
Tree 2633′ from DER, 301′ left of centerline, 50′ AGL/100′ MSL.
Trees beginning 2666′ from DER, 303′ right of centerline, up to 50′ AGL/249′ MSL.
Tree 2831′ from DER, 21′ left of centerline, 50′ AGL/113′ MSL.
Trees beginning 2850′ from DER, 322′ left of centerline, up to 50′ AGL/149′ MSL.
Trees beginning 4867′ from DER, 1170′ left of centerline, up to 50′ AGL/349′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 20: Climb heading 203° to 530, then climb direct CILAC to at/above 10000, continue climb in CILAC holding pattern to at/above 10000 before proceeding on assigned route.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	N/A
166°	TDZE	N/A
	Apt Elev	113

RNAV (GPS)-B

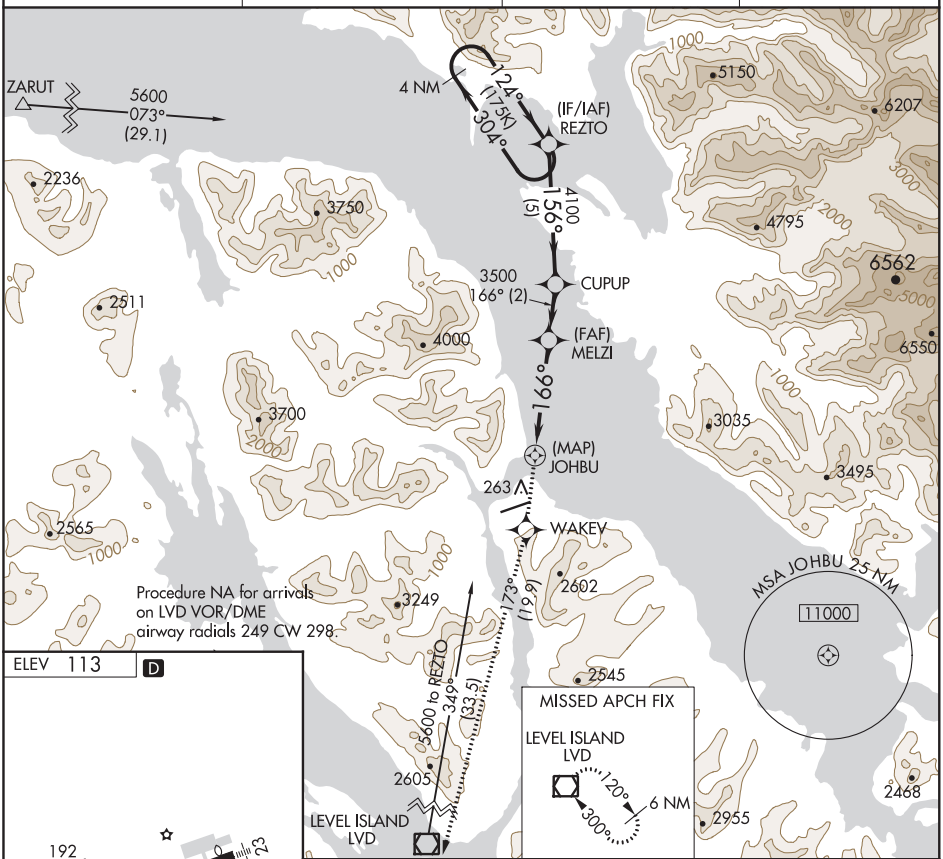
PETERSBURG JAMES A JOHNSON (PSG) (PAPG)

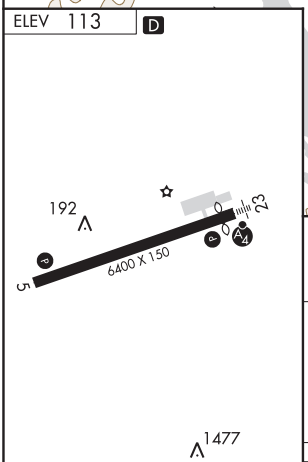
When local altimeter setting not received, use Wrangell altimeter setting and increase all MDA 80 feet. Circling NA southeast of Rwy 5-23. DME/DME RNP-0.3 NA.

-11°C

MISSED APPROACH: Climb to 6000 direct WAKEV and on track 173° to LVD VOR/DME and hold, continue climb-in-hold to 6000.

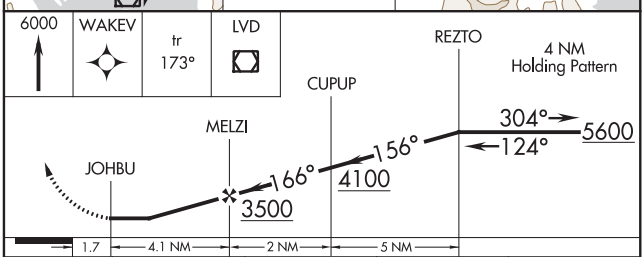
AWOS-3P	ANCHORAGE CENTER	SITKA RADIO	CTAF
125.8	118.0	122.35	122.5





HIRL Rwy 5-23

REIL Rwy 5



CATEGORY	A	B	C	D
C CIRCLING	2460-2 2347 (2400-2)		3080-3 2967 (3000-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

PETERSBURG, ALASKA | AL-5619 (FAA) | 20310

LDA/DME-D

PETERSBURG JAMES A JOHNSON (PSG) (PAPG)

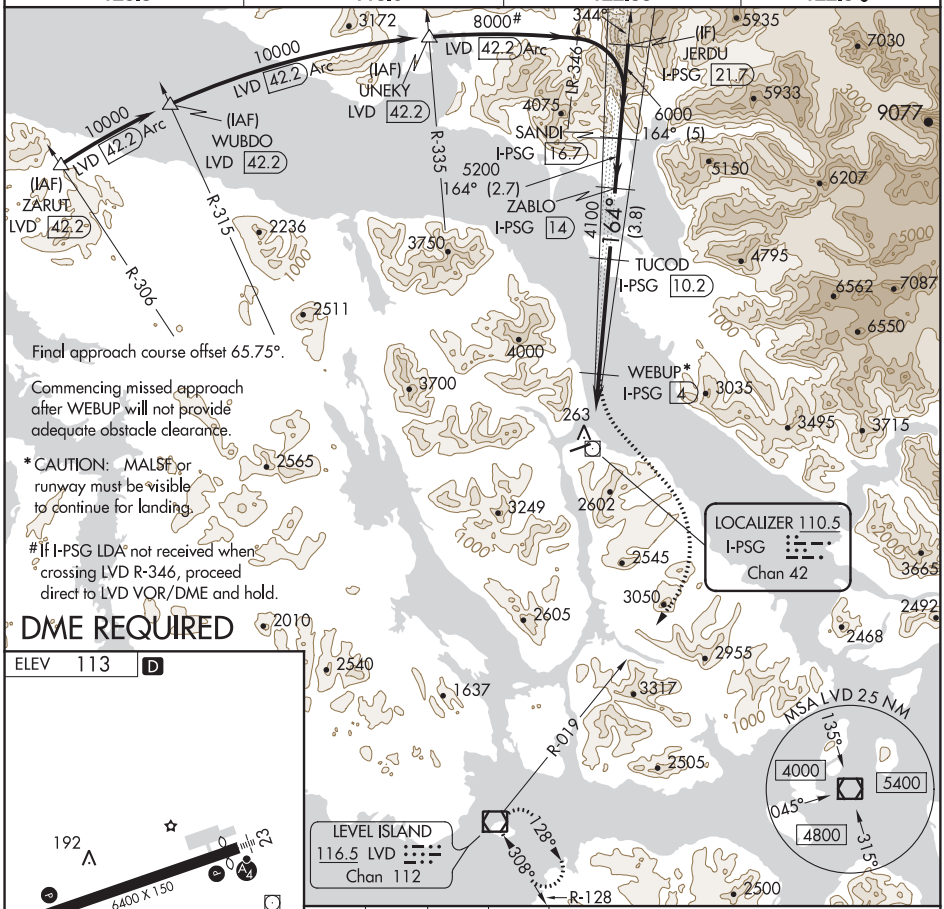
LOC/DME I-PSG	APP CRS	Rwy ldg	N/A
110.5	164°	TDZE	N/A
Chan 42		Apt Elev	113

Circling to Rwy 5 NA at night. Inop table does not apply. Circling NA southeast of Rwy 5-23. When local altimeter setting not received, use Wrangell altimeter setting and increase all MDA 80 feet.

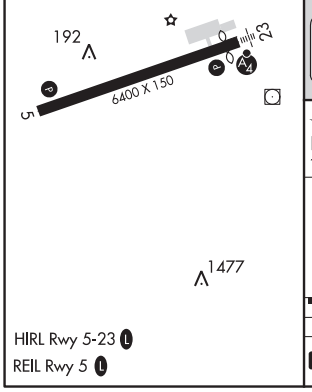
-11°C

MISSED APPROACH: Climbing left turn to 4000 on heading 117° then climbing right turn to 7000 on LVD VOR/DME R-019 to LVD VOR/DME and hold, continue climb-in-hold to 7000.

AWOS-3P	ANCHORAGE CENTER	SITKA RADIO	CTAF
125.8	118.0	122.35	122.5 L

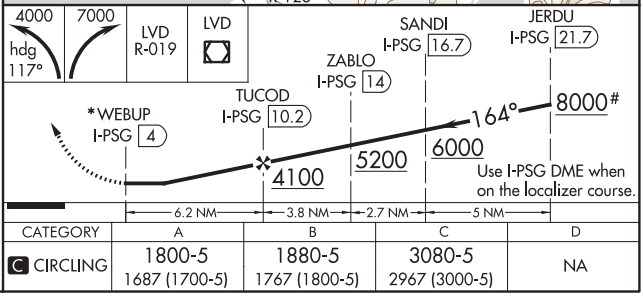


ELEV 113 D



HIRL Rwy 5-23 L

REIL Rwy 5 L



CATEGORY	A	B	C	D
C CIRCLING	1800-5 1687 (1700-5)	1880-5 1767 (1800-5)	3080-5 2967 (3000-5)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

PETERSBURG ONE DEPARTURE (OBSTACLE)

AL-5619 (FAA) PETERSBURG, ALASKA

ANCHORAGE CENTER
118.0
SITKA RADIO
122.35
CTAF
122.5

JERDU
N57°09.59′
W132°52.11′

WUBDO
N57°06.31′
W133°37.14′

ZARUT
N57°03.02′
W133°47.79′
L-1

LVD 42 Arc

LVD 42 Arc

42

42

42

22

344°

300°

R-315

R-306

LOCALIZER 110.5
I-PSG
Chan 42

LEVEL ISLAND
116.5 LVD
Chan 112

TAKEOFF MINIMUMS

Rwy 5: Standard with a minimum climb of 340′ per NM to 9000.

Rwy 23: 6400-3 for climb in visual conditions.

TAKEOFF OBSTACLE NOTES

Rwy 5: Multiple trees beginning 883′ from DER, 560′ left of centerline, up to 65′ AGL/144′ MSL.
Multiple trees beginning 170′ from DER, 353′ right of centerline, up to 100′ AGL/193′ MSL.
NAVAID light 10′ from DER, 55′ left of centerline, 3′ AGL/107′ MSL.

Rwy 23: Multiple trees beginning 896′ from DER, 199′ left of centerline, up to 58′ AGL/177′ MSL.
Multiple trees beginning 532′ from DER, 559′ right of centerline, up to 122′ AGL/240′ MSL.
Fence 801′ from DER, 178′ left of centerline, up to 8′ AGL/146′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb to MEA for direction of flight via climbing left turn heading 300° to intercept I-PSG LDA north course (344°) to JERDU/I-PSG 22 DME, then on LVD VOR/DME 42 DME Arc CCW to WUBDO/LVD 42 DME, then on LVD 42 DME Arc CCW to ZARUT/LVD 42 DME before proceeding on course. Thence. . . .

TAKEOFF RUNWAY 23: For climb in visual conditions cross Petersburg James A Johnson Airport at or above 6400 before proceeding on course. When executing VCOA, notify ATC prior to departure. Thence. . . .

. . . . expect filed altitude 10 minutes after departure.

PILOT POINT, ALASKA | AL-10169 (FAA) | 20198

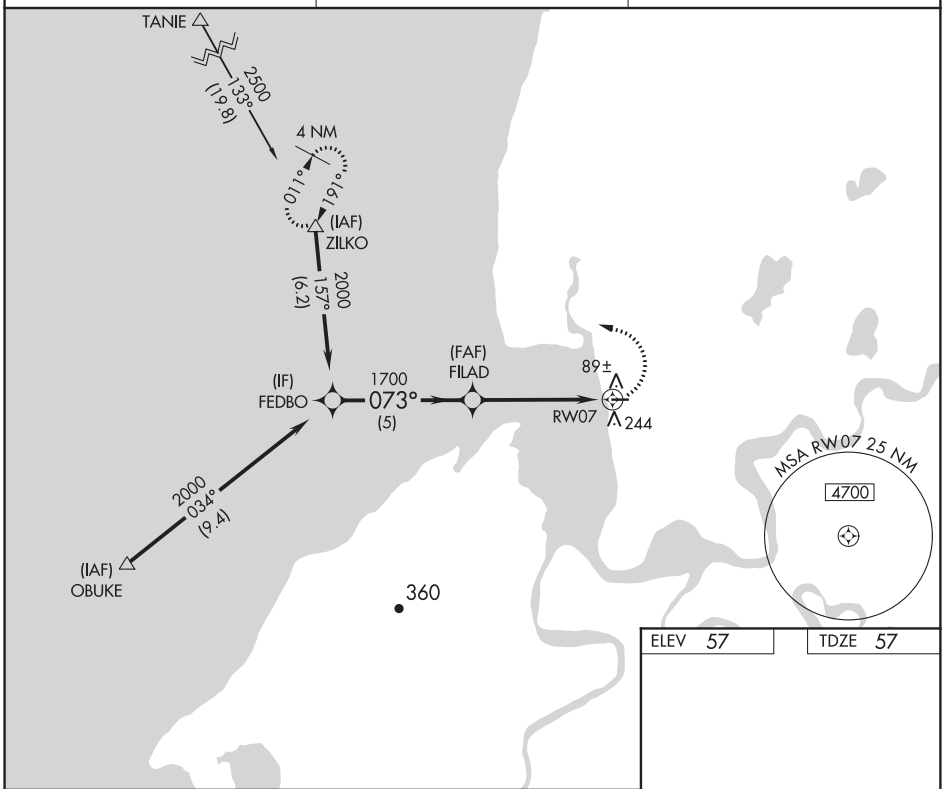
RNAV (GPS) RWY 7
PILOT POINT (PNP)(PAPN)

APP CRS	Rwy ldg	3280
073°	TDZE	57
	Apt Elev	57

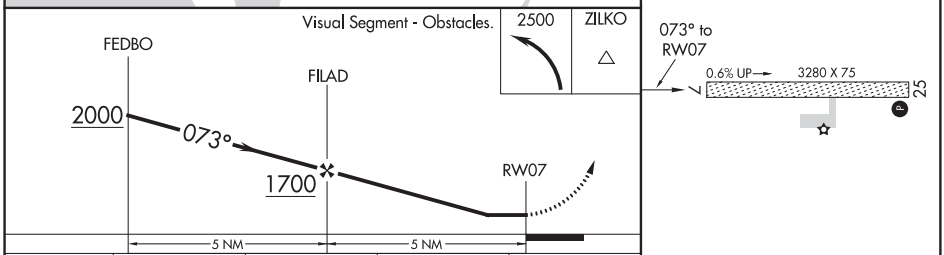
DME/DME RNP-0.3 NA. When local altimeter setting not received, use King Salmon altimeter setting and increase all MDA 180 feet.

MISSED APPROACH: Climbing left turn to 2500 direct ZILKO and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
118.375	132.9 288.3	122.9 (L)



ELEV 57 | TDZE 57



CATEGORY	A	B	C	D
LNAV MDA	520-1 463 (500-1)		NA	
CIRCLING	600-1 543 (600-1)		NA	

MIRL Rwy 7-25 (L)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

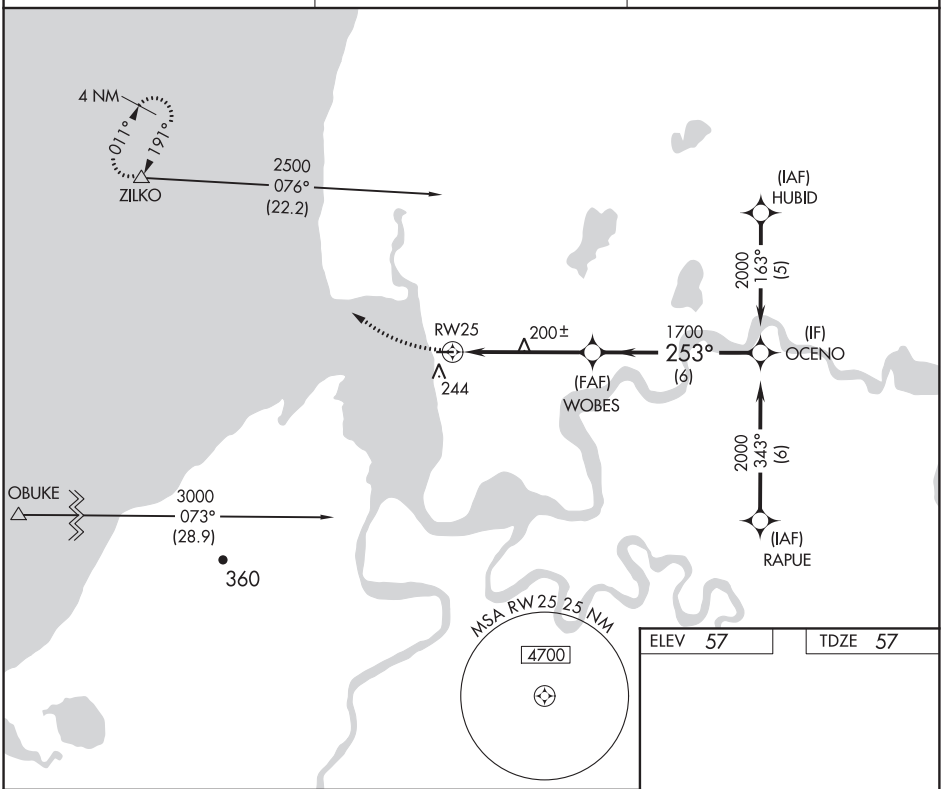
APP CRS	Rwy ldg	3280
253°	TDZE	57
	Apt Elev	57

RNAV (GPS) RWY 25
PILOT POINT (PNP)(PAPN)

DME/DME RNP-0.3 NA. When local altimeter setting not received, use King Salmon altimeter setting and increase all MDA 180 feet.

MISSED APPROACH: Climbing right turn to 2500 direct ZILKO and hold.

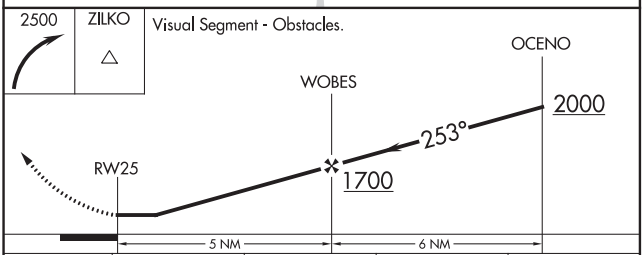
AWOS-3P	ANCHORAGE CENTER	CTAF
118.375	132.9 288.3	122.9 L

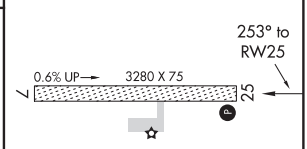


AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 57	TDZE 57





CATEGORY	A	B	C	D
LNAV MDA	540-1 483 (500-1)		NA	
CIRCLING	600-1 543 (600-1)		NA	

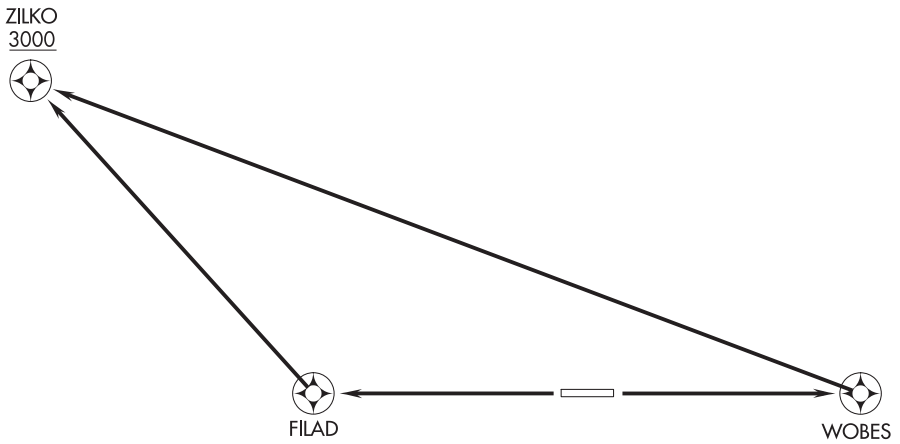
MIRL Rwy 7-25 L

(ZILKO1.ZILKO) 18032

ZILKO ONE DEPARTURE (OBSTACLE) (RNAV)

PILOT POINT (PNP)(PAPN)
AL-10169 (FAA) PILOT POINT, ALASKA

ANCHORAGE CENTER
132.9 288.3



TAKEOFF MINIMUMS

Rwys 7, 25: Standard.

NOTE: GPS required.

NOTE: RNAV 1.

NOTE: For use by Cat A and B aircraft only.

NOTE: Rwy 7: Do not exceed 200K until ZILKO WP.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb to 3000 direct WOBES WP then left turn direct ZILKO WP, thence. . . .

TAKEOFF RUNWAY 25: Climb to 3000 direct FILAD WP then right turn direct ZILKO WP, thence. . . .

. . . . via assigned route or further clearance.

WAAS CH 86640 W14A	APP CRS 144°	Rwy ldg 5000 TDZE 18 Apt Elev 18

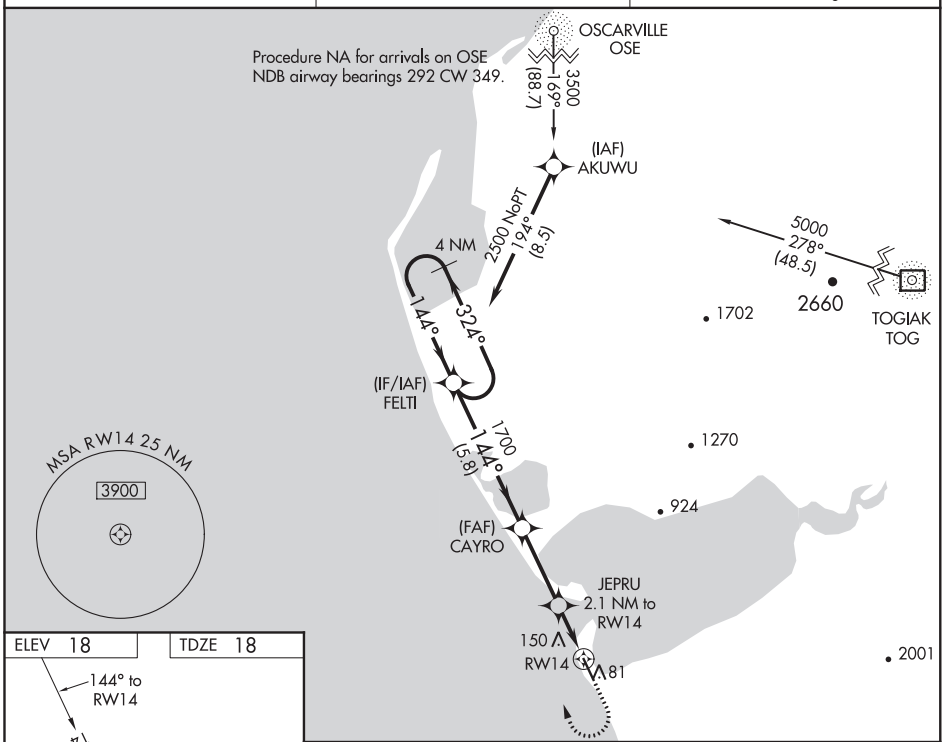
RNAV (GPS) RWY 14

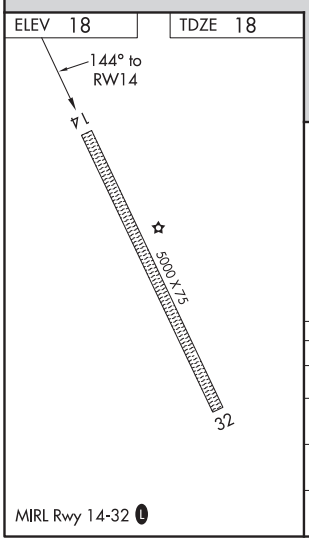
PLATINUM (PTU)(PAPM)

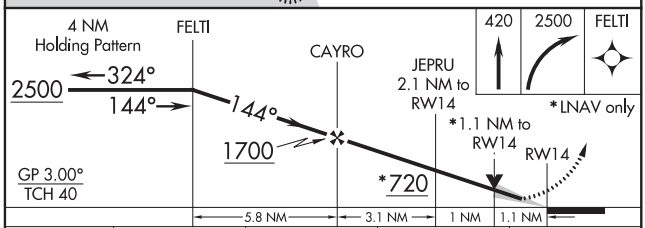
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using Togiak altimeter setting. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Togiak altimeter setting: increase LPV DA to 371 feet; increase LNAV/VNAV DA to 424 feet and all Cats visibilities ⅜ SM; increase all MDA 120 feet and increase LNAV and Circling Cat C visibility ¼ SM.

MISSED APPROACH: Climb to 420 then Climbing right turn to 2500 direct FELTI and hold.

AWOS-3P	ANCHORAGE CENTER	UNICOM
118.375	124.2 251.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	268-1 250 (300-1)			NA
LNAV/VNAV DA	321-1 303 (400-1)			NA
LNAV MDA	400-1 382 (400-1)		400-1⅛ 382 (400-1⅛)	NA
C CIRCLING	460-1 442 (500-1)	480-1 462 (500-1)	520-1½ 502 (600-1½)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

POINT HOPE, ALASKA | AL-6685 (FAA) | 19171

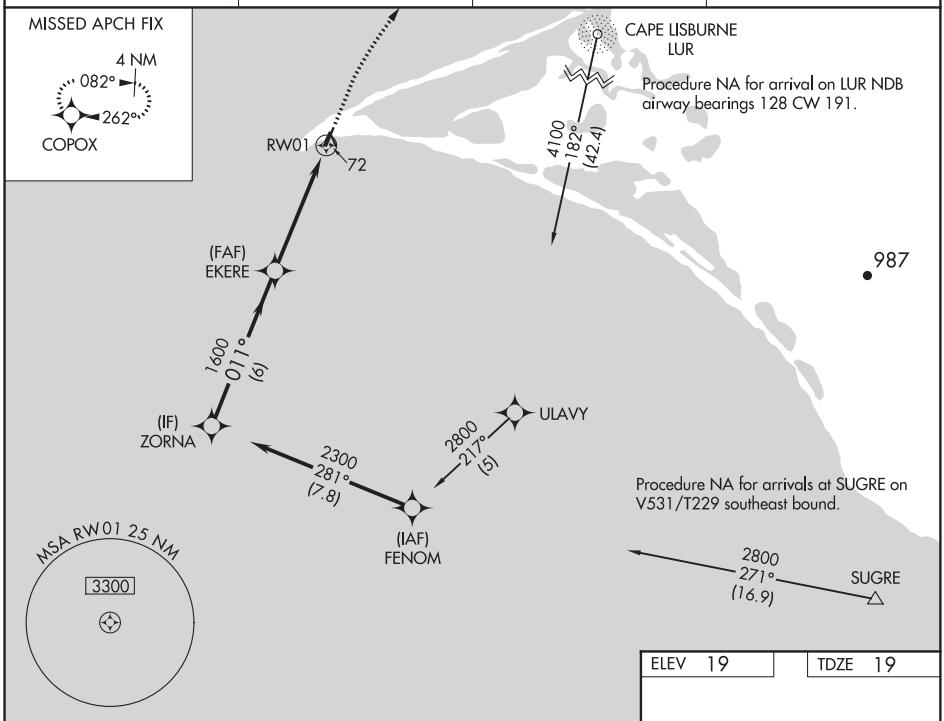
RNAV (GPS) RWY 1
POINT HOPE (PHO) (PAPO)

WAAS CH 82434 W01A	APP CRS 011°	Rwy ldg 3992 TDZE 19 Apt Elev 19

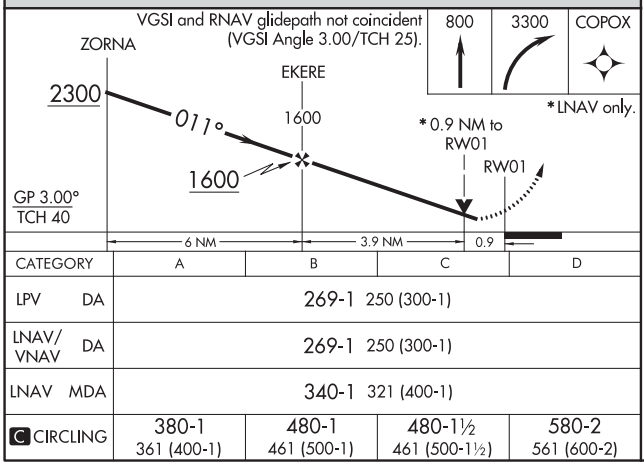
T A NA For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). When local altimeter setting not received, procedure NA. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 800 then climbing right turn to 3300 direct COPOX and hold.

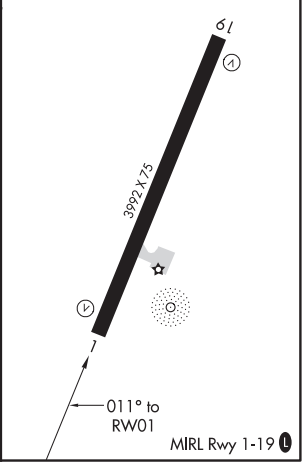
AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
118.325	119.65 363.25	122.25	122.8 L



ELEV 19 | TDZE 19



CATEGORY	A	B	C	D
LPV DA	269-1 250 (300-1)			
LNAV/VNAV DA	269-1 250 (300-1)			
LNAV MDA	340-1 321 (400-1)			
C CIRCLING	380-1 361 (400-1)	480-1 461 (500-1)	480-1½ 461 (500-1½)	580-2 561 (600-2)



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AK, 05 NOV 2020 to 31 DEC 2020

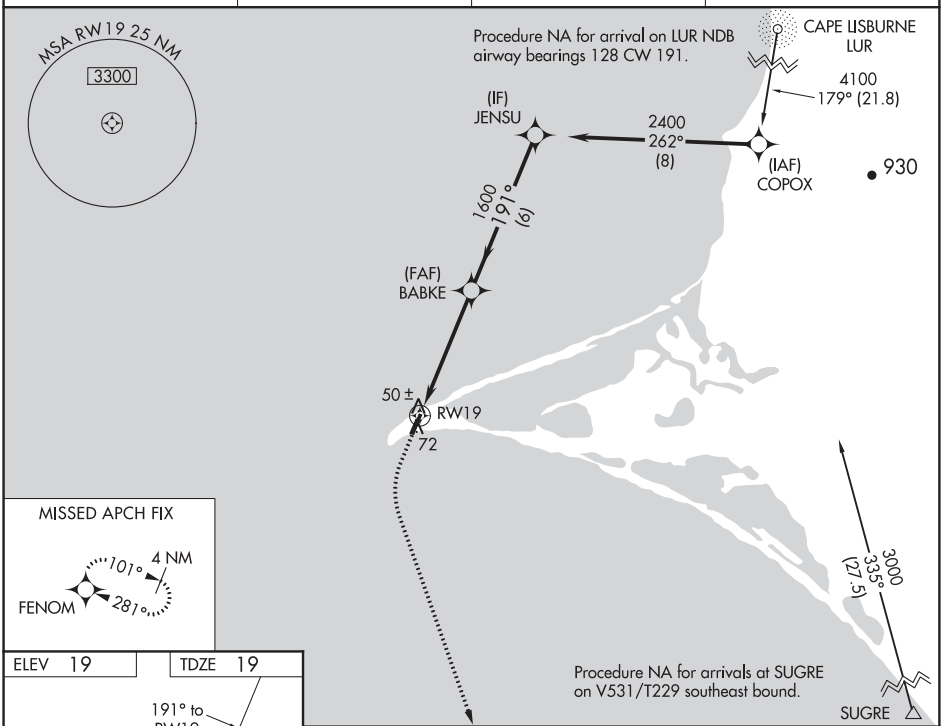
WAAS CH 63034 W19A	APP CRS 191°	Rwy ldg 3992 TDZE 19 Apt Elev 19

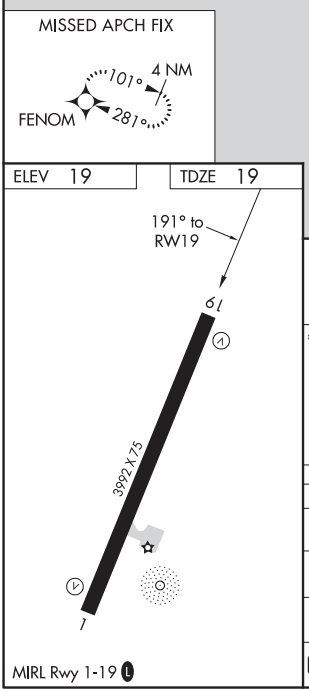
RNAV (GPS) RWY 19
POINT HOPE (PHO) (PAPO)

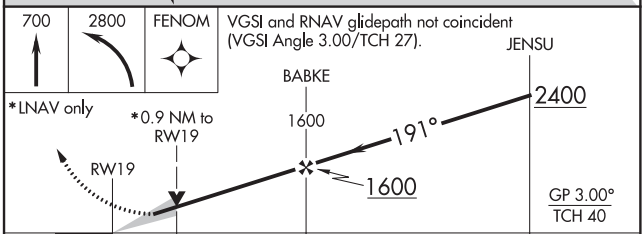
T A NA For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). When local altimeter setting not received, procedure NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 700 then climbing left turn to 2800 direct FENOM and hold.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
118.325	119.65 363.25	122.25	122.8 L







CATEGORY		A	B	C	D
LPV	DA	269-1 250 (300-1)			
LNAV/VNAV	DA	269-1 250 (300-1)			
LNAV	MDA	360-1 341 (400-1)			
C CIRCLING		380-1 361 (400-1)	480-1 461 (500-1)	480-1½ 461 (500-1½)	580-2 561 (600-2)

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POINT LAY, ALASKA

AL-2303 (FAA)

16259

RNAV (GPS) RWY 5

POINT LAY LRRS (PIZ)(PPIZ)

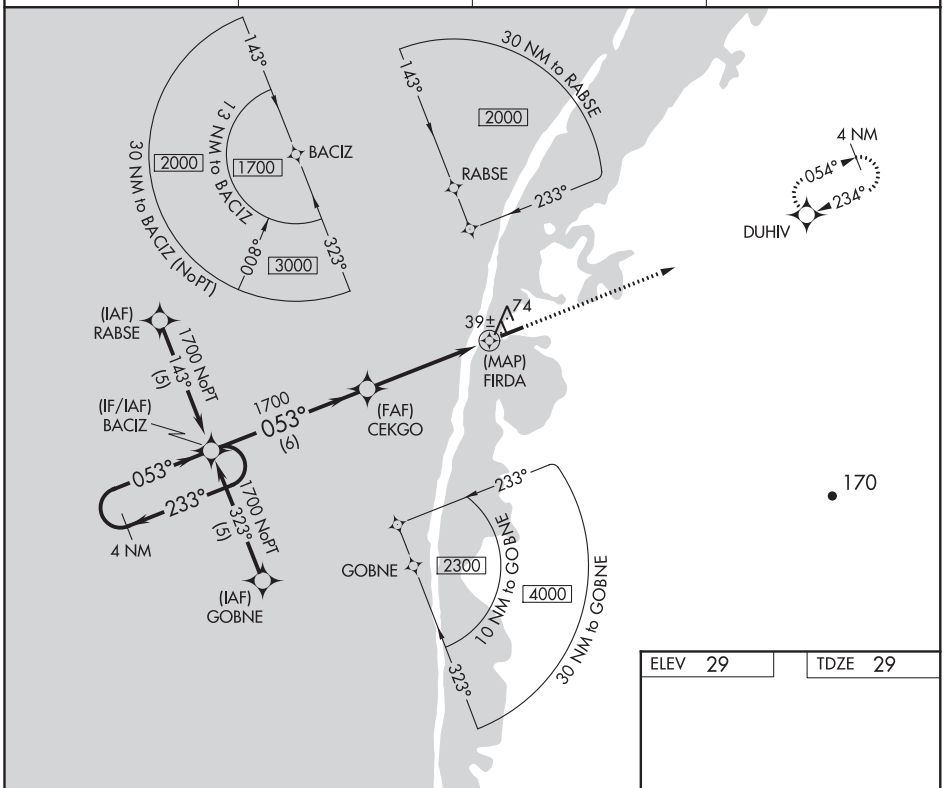
APP CRS	Rwy ldg	4500
053°	TDZE	29
	Apt Elev	29

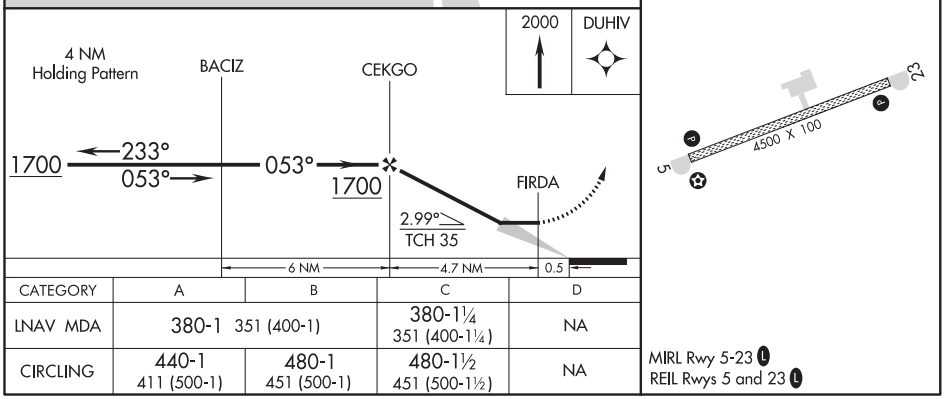
-33°C/-27°F

DME/DME RNP- 0.3 NA. When local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 2000 direct DUHIV and hold.

AWOS-3P	ANCHORAGE CENTER	BARROW RADIO	CTAF
135.65	119.65 363.25	122.4	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	380-1 351 (400-1)		380-1¼ 351 (400-1¼)	NA
CIRCLING	440-1 411 (500-1)	480-1 451 (500-1)	480-1½ 451 (500-1½)	NA

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AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	4500
234°	TDZE	24
	Apt Elev	29

RNAV (GPS) RWY 23

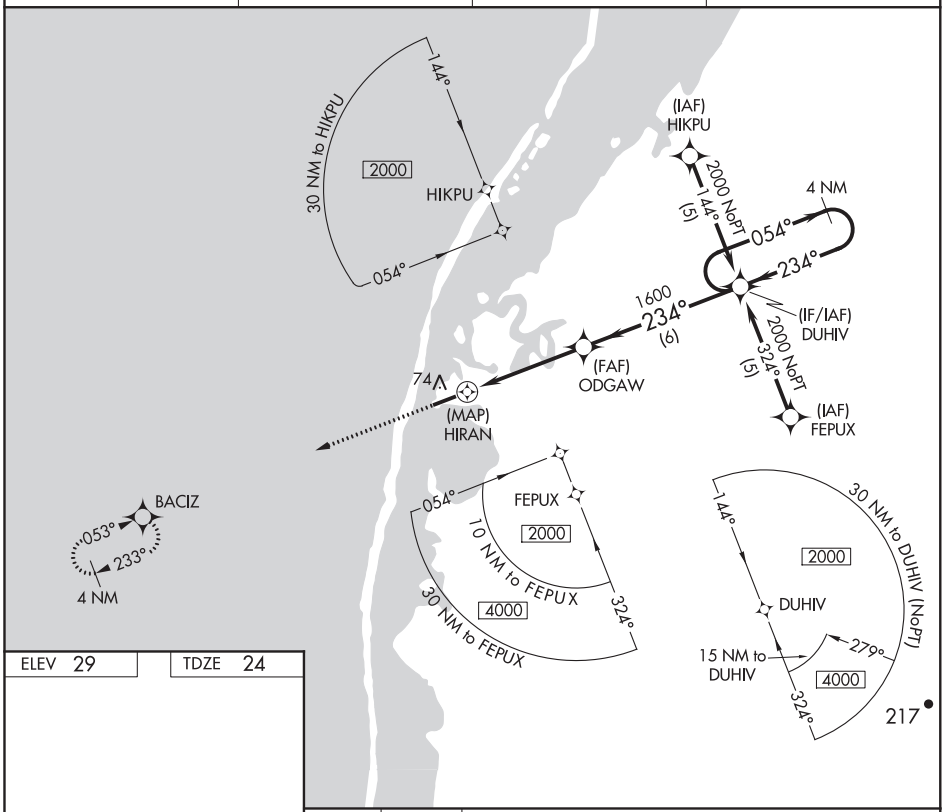
POINT LAY LRRS (PIZ)(PPIZ)

-33°C/-27°F

DME/DME RNP- 0.3 NA. When local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 2000 direct BACIZ and hold.

AWOS-3P	ANCHORAGE CENTER	BARROW RADIO	CTAF
135.65	119.65 363.25	122.4	122.8 L



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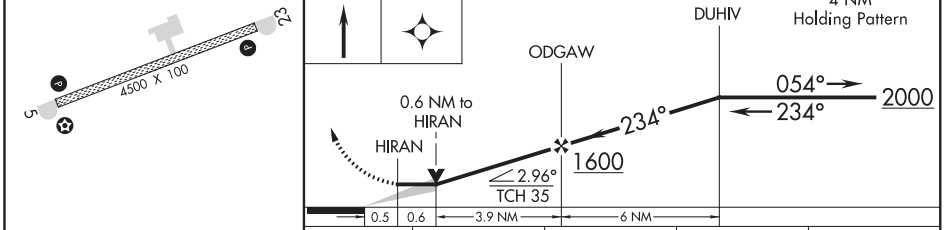
ELEV 29 TDZE 24



CATEGORY	A	B	C	D
LNAV MDA	400-1 376 (400-1)			NA
CIRCLING	440-1 411 (500-1)	480-1 451 (500-1)	480-1½ 451 (500-1½)	NA

MIRL Rwy 5-23 L
REIL Rwys 5 and 23 L

POINT LAY, ALASKA | AL-2303 (FAA) | 20310

NDB RWY 5

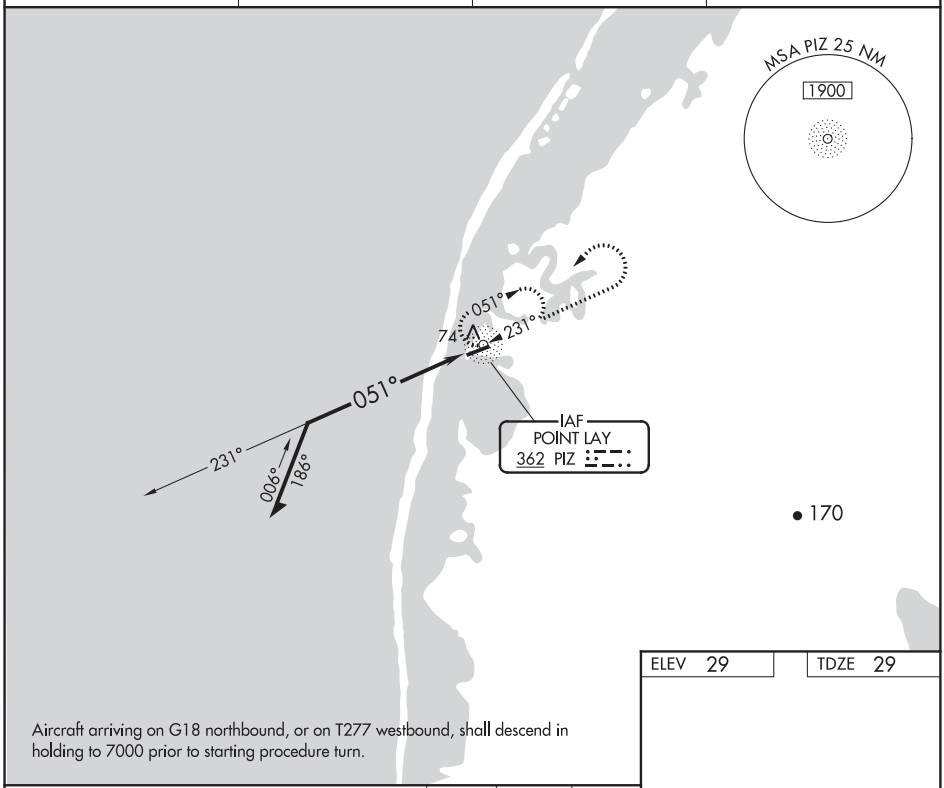
POINT LAY LRRS (PIZ) (PPIZ)

NDB PIZ	APP CRS	Rwy ldg	4500
362	051°	TDZE	29
		Apt Elev	29

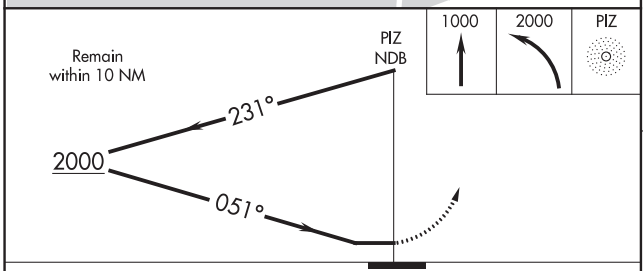
-33°C/-27°F

MISSED APPROACH: Climb to 1000, then climbing left turn to 2000 direct PIZ NDB and hold.

AWOS-3P	ANCHORAGE CENTER	BARROW RADIO	CTAF
135.65	119.65 363.25	122.4	122.8 L

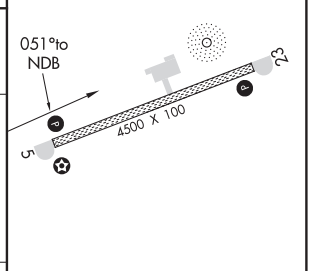


Aircraft arriving on G18 northbound, or on T277 westbound, shall descend in holding to 7000 prior to starting procedure turn.



CATEGORY	A	B	C	D
S-5	500-1	471 (500-1)	500-1¼ 471 (500-1¼)	NA
CIRCLING	500-1	471 (500-1)	500-1½ 471 (500-1½)	NA

ELEV 29 | TDZE 29



MIRL Rwy 5-23 L
REIL Rwys 5 and 23 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	5000
058°	TDZE	93
	Apt Elev	95

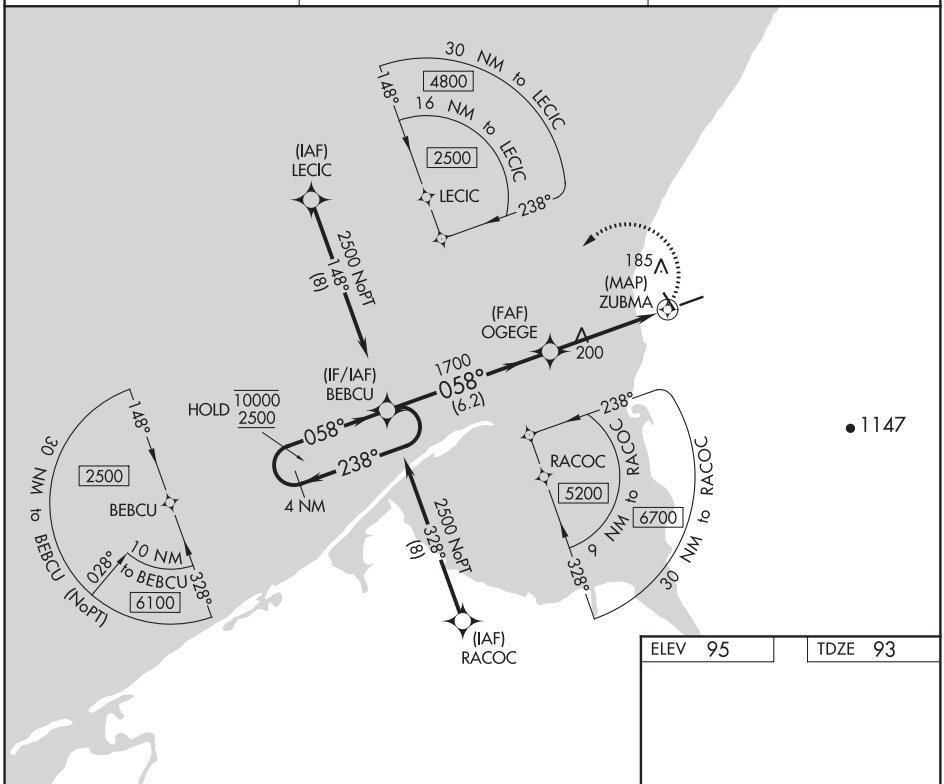
RNAV (GPS) RWY 6
PORT HEIDEN (PTH)(PAPH)

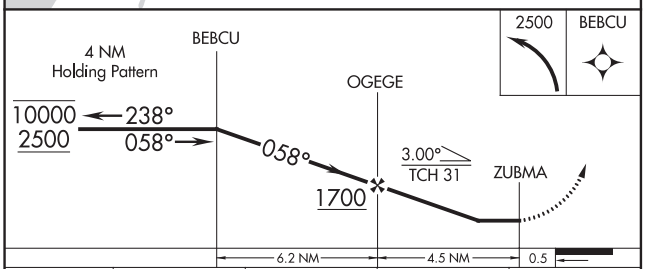
RNP APCH.

Rwy 6 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing left turn to 2500 direct BEBCU and hold.

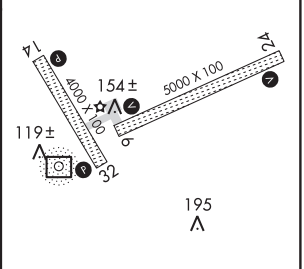
AWOS-3P	ANCHORAGE CENTER	CTAF
124.4	132.9 288.3	122.8 L





CATEGORY	A	B	C	D
LNAV MDA	500-1 407 (500-1)		500-1⅛ 407 (500-1⅛)	
C CIRCLING	500-1 405 (500-1)	560-1 465 (500-1)	560-1½ 465 (500-1½)	700-2 605 (700-2)

ELEV 95 TDZE 93



REIL Rwys 14 L
MIRL Rwys 6-24 and 14-32 L

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APP CRS	Rwy ldg	4000
135°	TDZE	85
	Apt Elev	95

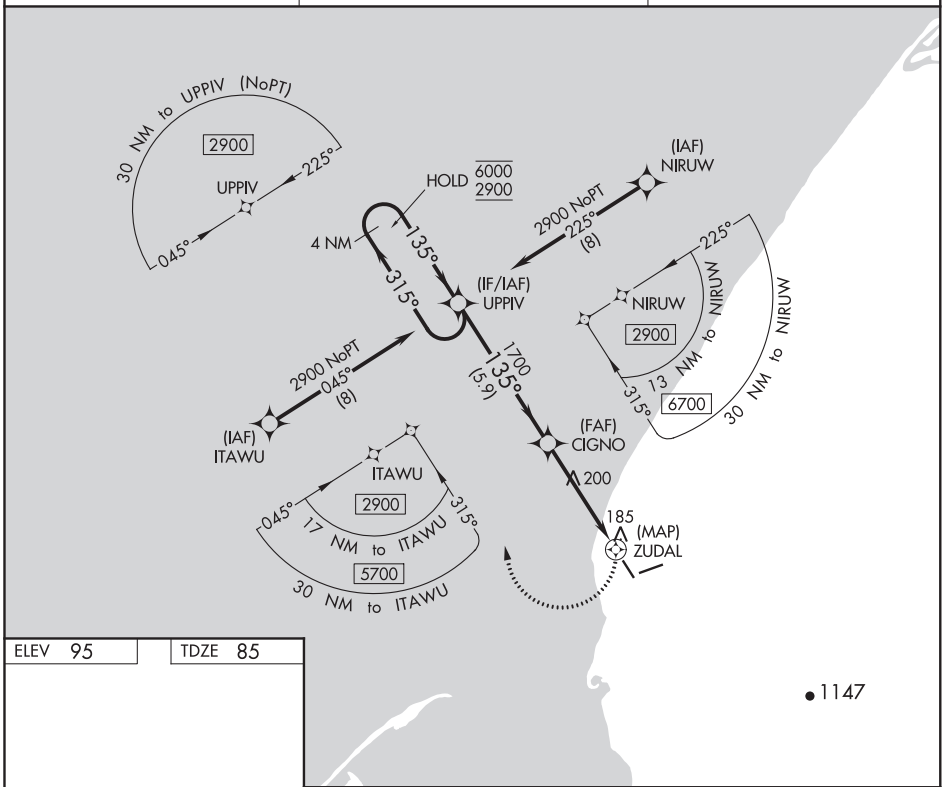
RNAV (GPS) RWY 14
PORT HEIDEN (PTH)(PAPH)

RNP APCH.

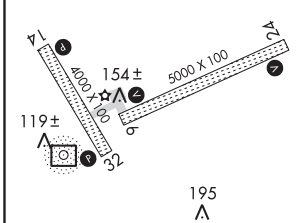
Rwy 14 helicopter visibility reduction below 1 SM NA.

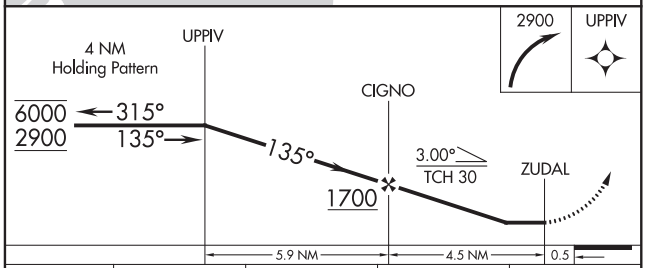
MISSED APPROACH: Climbing right turn to 2900 direct UPPIV and hold, continue climb-in-hold to 2900.

AWOS-3P	ANCHORAGE CENTER	CTAF
124.4	132.9 288.3	122.8 L



ELEV 95 TDZE 85





CATEGORY	A	B	C	D
LNAV MDA	500-1 415 (500-1)		500-1⅛ 415 (500-1⅛)	
C CIRCLING	500-1 405 (500-1)	560-1 465 (500-1)	560-1½ 465 (500-1½)	700-2 605 (700-2)

REIL Rwys 14 L

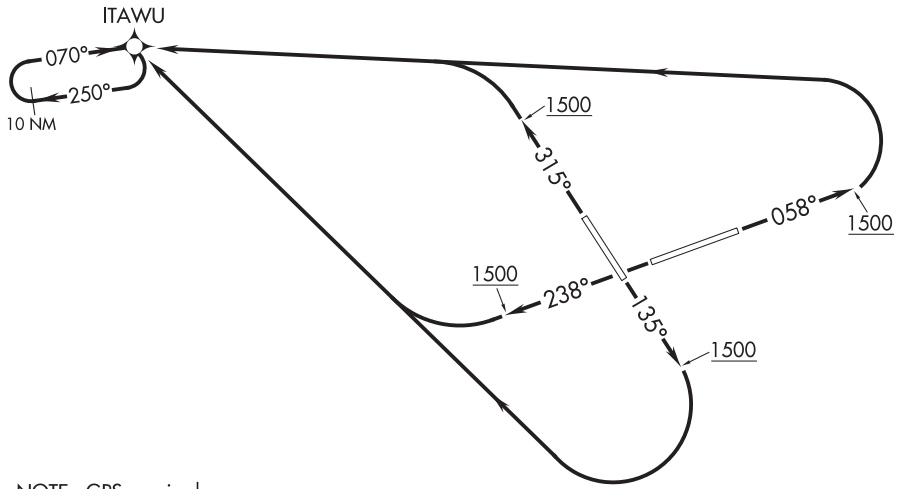
MIRL Rwys 6-24 and 14-32 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ITAWU TWO DEPARTURE (OBSTACLE) (RNAV)

AWOS-3P
124.4
ANCHORAGE CENTER
132.9 288.3
CTAF
122.8



NOTE: GPS required.
NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwys 6, 14, 24, 32: Standard

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Climb on heading 058° to 1500, then climbing left turn to 3000 direct ITAWU and hold. Thence . . . .
TAKEOFF RUNWAY 14: Climb on heading 135° to 1500, then climbing right turn to 3000 direct ITAWU and hold. Thence . . . .
TAKEOFF RUNWAY 24: Climb on heading 238° to 1500, then climbing right turn to 3000 direct ITAWU and hold. Thence . . . .
TAKEOFF RUNWAY 32: Climb on heading 315° to 1500, then climbing left turn to 3000 direct ITAWU and hold. Thence . . . .

. . . . continue climb in holding pattern to at or above 10000 before proceeding on course.

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QUINHAGAK, ALASKA | AL-10363 (FAA) | 19171

RNAV (GPS) RWY 12
QUINHAGAK (AQH) (PAQH)

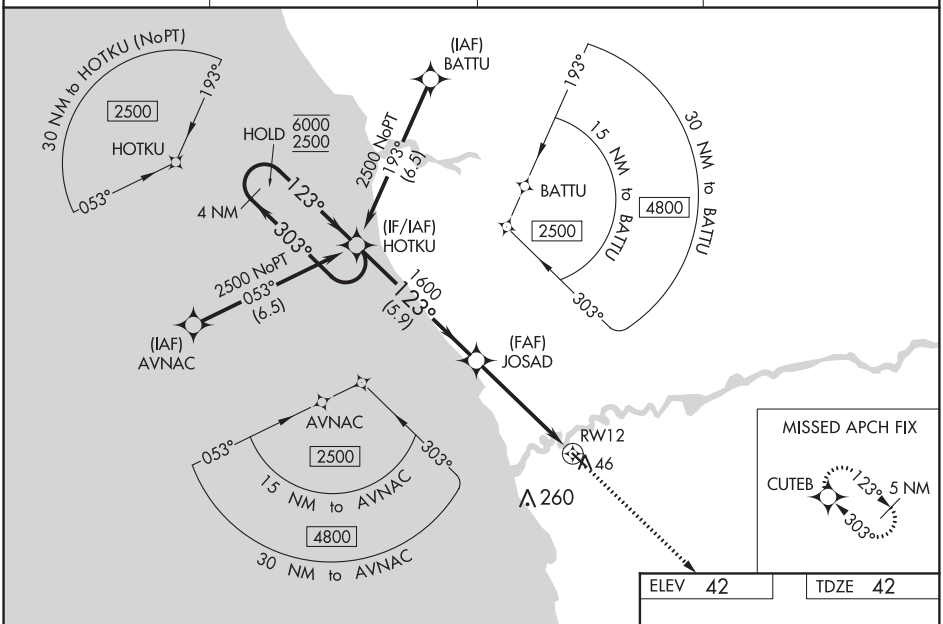
WAAS CH 99311 W12A	APP CRS 123°	Rwy ldg 4000 TDZE 42 Apt Elev 42

RNP APCH.

Procedure NA at night. Baro-VNAV and VDP NA when using Kipnuk altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C. When local altimeter setting not received, use Kipnuk altimeter setting and increase all DA and MDA 160 feet; increase LPV all Cats visibility and LNAV/VNAV all Cats visibility ⅛ SM, LNAV Cats C, D visibility ⅜ SM, increase Circling Cat C visibility ½ SM, increase Circling Cat D visibility ¼ SM. -36°C

MISSED APPROACH: Climb to 5200 direct CUTEB and hold, continue climb-in-hold to 5200.

AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	UNICOM
121.575	125.2 372.0	122.1	122.8 (CTAF) L



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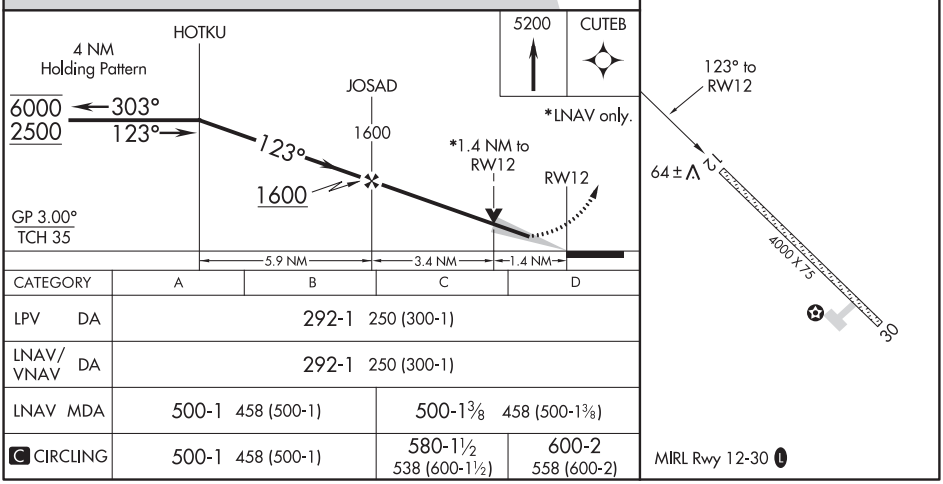
AK, 05 NOV 2020 to 31 DEC 2020

ELEV 42 | TDZE 42



CATEGORY	A	B	C	D
LPV DA	292-1 250 (300-1)			
LNAV/VNAV DA	292-1 250 (300-1)			
LNAV MDA	500-1 458 (500-1)		500-1⅜ 458 (500-1⅜)	
C CIRCLING	500-1 458 (500-1)		580-1½ 538 (600-1½)	600-2 558 (600-2)

WAAS CH 58310 W30A	APP CRS 303°	Rwy ldg 4000 TDZE 42 Apt Elev 42

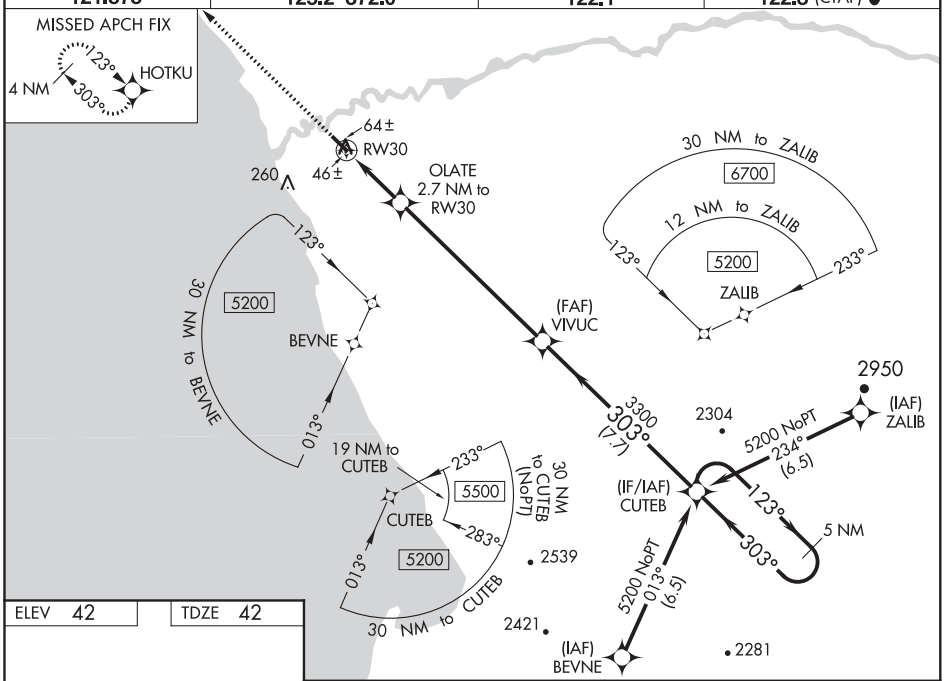
RNAV (GPS) RWY 30
QUINHAGAK (AQH) (PAQH)

-36°C

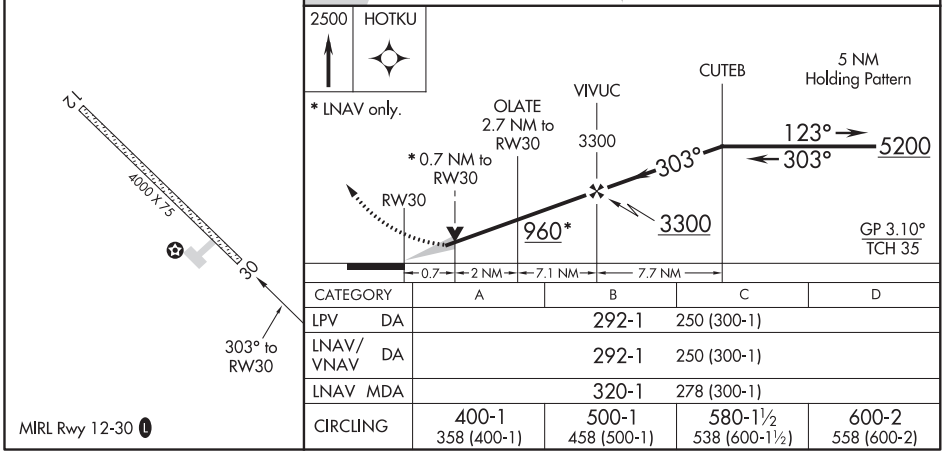
DME/DME RNP-0.3 NA. Procedure NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 51°C (124°F). Baro-VNAV and VDP NA when using Kipnuk altimeter setting. When local altimeter setting not received, use Kipnuk altimeter setting and increase all DA and MDA 160 feet; increase LPV all Cats visibility and LNAV/VNAV all Cats visibility ⅜ mile, increase LNAV Cats C, D visibility ¼ mile, increase Circling Cat C visibility ½ mile, increase Circling Cat D visibility ¼ mile.

MISSED APPROACH: Climb to 2500 direct HOTKU and hold.

AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	UNICOM
121.575	125.2 372.0	122.1	122.8 (CTAF) L



ELEV 42 TDZE 42



CATEGORY	A	B	C	D
LPV DA	292-1		250 (300-1)	
LNAV/VNAV DA	292-1		250 (300-1)	
LNAV MDA	320-1		278 (300-1)	
CIRCLING	400-1 358 (400-1)	500-1 458 (500-1)	580-1½ 538 (600-1½)	600-2 558 (600-2)

MIRL Rwy 12-30 L

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AK, 05 NOV 2020 to 31 DEC 2020

RUBY, ALASKA | AL-10166 (FAA) | 20254

RNAV (GPS) RWY 3

RUBY (RBY) (PARY)

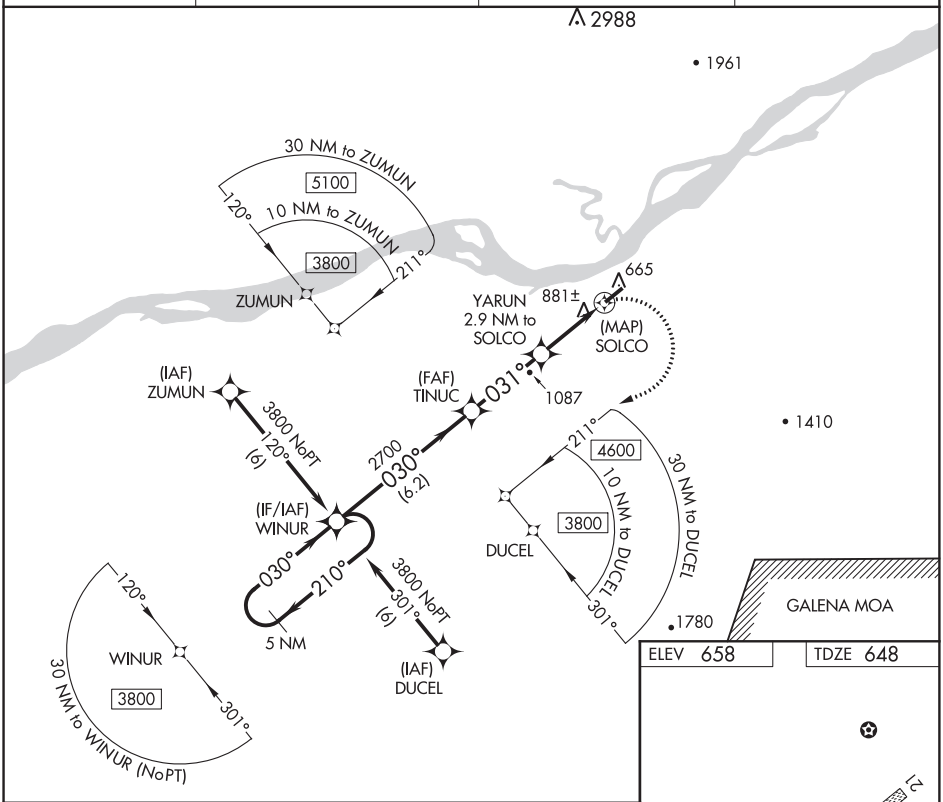
APP CRS	Rwy ldg	4000
031°	TDZE	648
	Apt Elev	658

When local altimeter setting not received, use Galena altimeter setting and increase all MDA 340 feet, increase LNAV and Circling Cat A visibility ¼ mile, Cat B ½ mile and Cat C 1¼ mile. DME/DME RNP-0.3 NA. Rwy 3 Straight-in and Circling minimums NA at night. Helicopter visibility reduction below 1 SM NA.

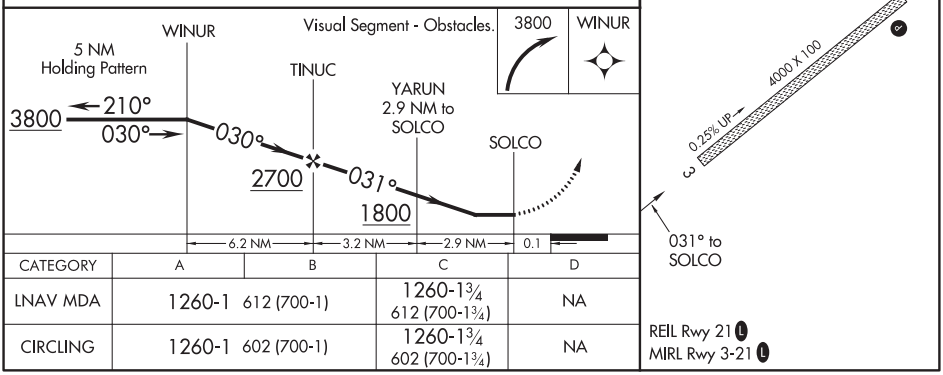
-40°C

MISSED APPROACH: Climbing right turn to 3800 direct WINUR and hold.

AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
118.25	127.0 290.2	122.25	122.8 L



ELEV 658 | TDZE 648



CATEGORY	A	B	C	D
LNAV MDA	1260-1 612 (700-1)		1260-1¾ 612 (700-1¾)	NA
CIRCLING	1260-1 602 (700-1)		1260-1¾ 602 (700-1¾)	NA

REIL Rwy 21 L
MIRL Rwy 3-21 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) RWY 21

RUBY (RBY) (PARY)

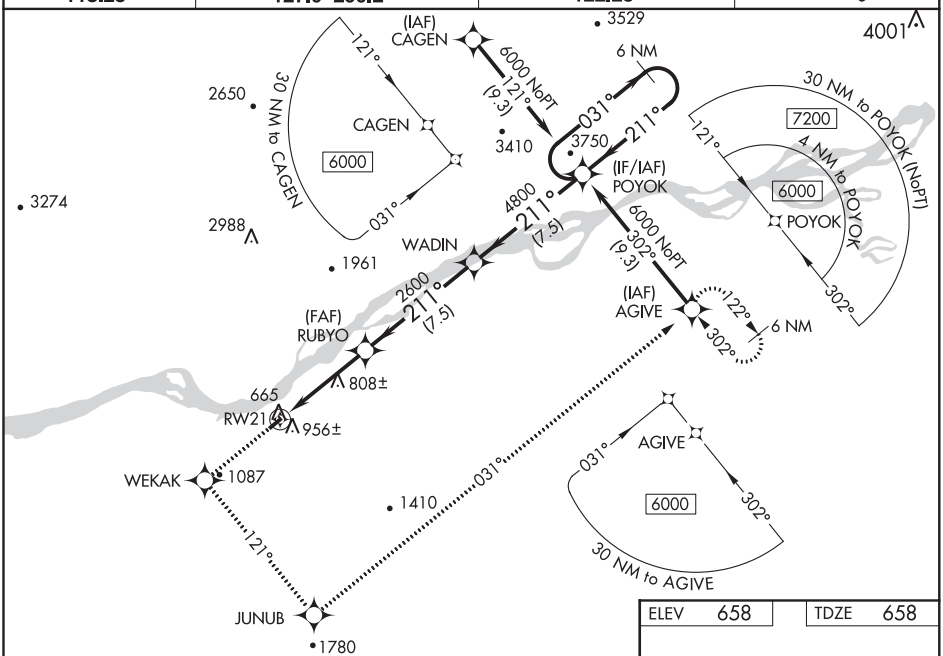
WAAS CH 77807 W21A	APP CRS 211°	Rwy ldg 4000 TDZE 658 Apt Elev 658

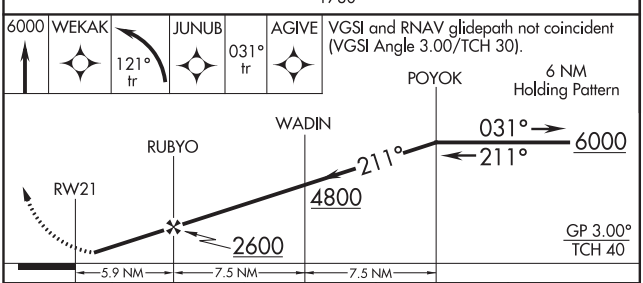
-40°C

Baro-VNAV NA when using Galena altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Galena altimeter setting and increase all DA/MDA 340 feet; increase LPV visibility all Cats and LNAV Cat C 1¼ mile, LNAV/ VNAV all Cats visibility 2 miles, LNAV Cats A/B and Circling Cats A/B visibility ¼ mile, Circling Cat C visibility 1 mile.

MISSED APPROACH: Climb to 6000 direct WEKAK and left turn via 121° track to JUNUB and via 031° track to AGIVE and hold.

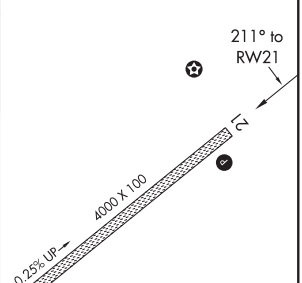
AWOS-3P	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
118.25	127.0 290.2	122.25	122.8 L





CATEGORY	A	B	C	D
LPV DA	919-1 261 (300-1)			NA
LNAV/ VNAV DA	1199-2 541 (600-2)			NA
LNAV MDA	1220-1 562 (600-1)		1220-1½ 562 (600-1½)	NA
CIRCLING	1260-1 602 (700-1)		1260-1¾ 602 (700-1¾)	NA

ELEV 658	TDZE 658



REIL Rwy 21 L
MIRL Rwy 3-21 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RUSSIAN MISSION, ALASKA | AL-9466 (FAA) | 20254

WAAS CH 87142 W18A	APP CRS 176°	Rwy ldg 3620 TDZE 58 Apt Elev 58

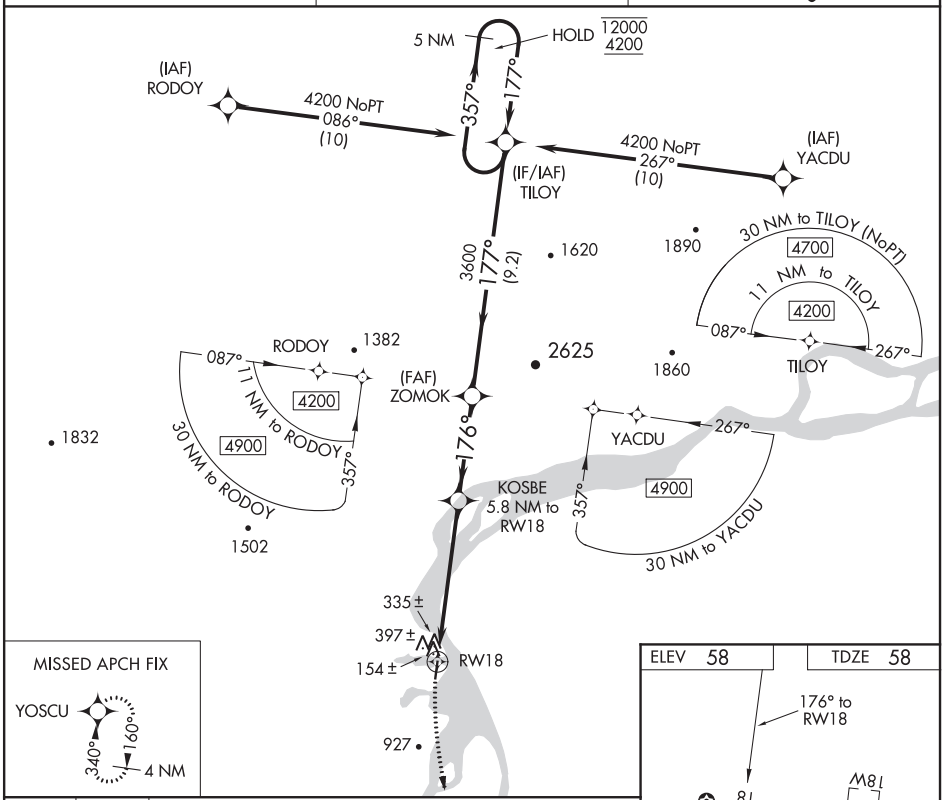
RNAV (GPS) RWY 18
RUSSIAN MISSION (RSH)(PARS)

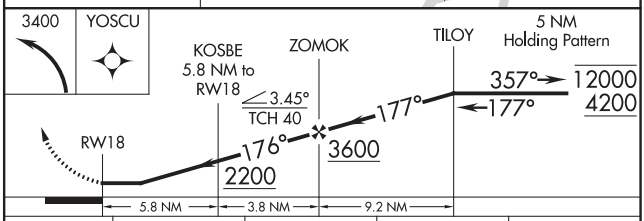
RNP APCH.

Rwy 18 helicopter visibility reduction below 1 SM NA.
Rwy 18 Straight-in and Circling minimums NA at night.
-31°C

MISSED APPROACH: Climbing left turn to 3400 direct YOSCU and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
118.375	118.15 251.05	122.9 L





CATEGORY	A	B	C	D
LP MDA	580-1 522 (600-1)		580-1½ 522 (600-1½)	
LNAV MDA	660-1 602 (700-1)		660-1¾ 602 (700-1¾)	
C CIRCLING	740-1 682 (700-1)		1120-3 1062 (1100-3)	1360-3 1302 (1400-3)

MIRL Rwy 18-36 L
REIL Rwys 18 and 38 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 93942 W36A	APP CRS 340°	Rwy ldg 3620 TDZE 58 Apt Elev 58

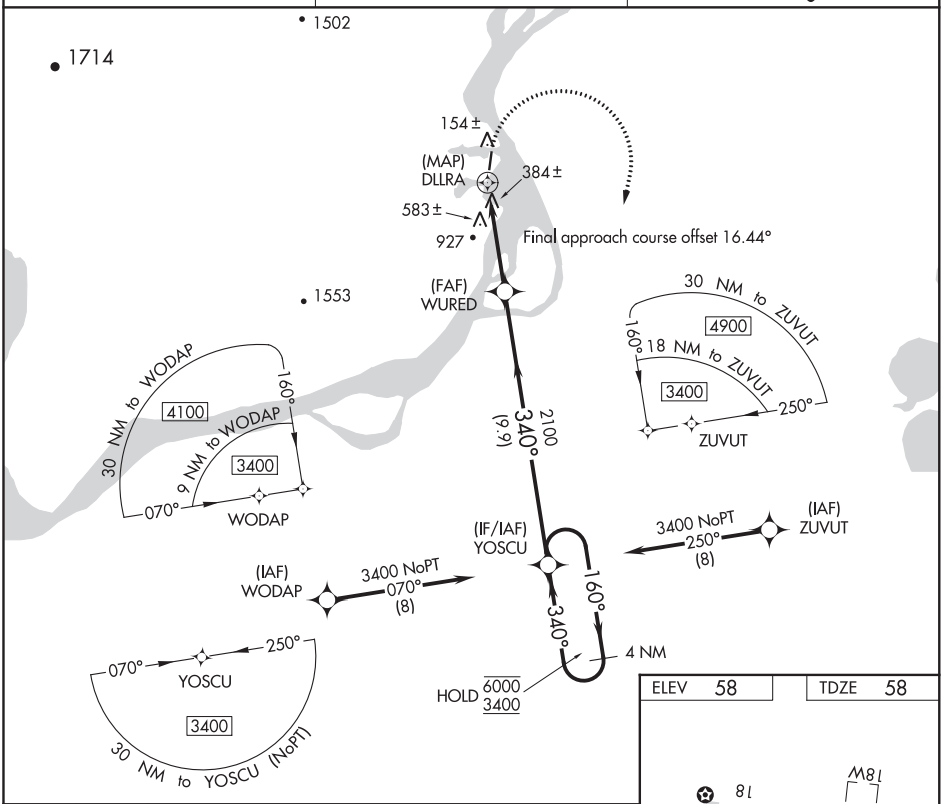
RNAV (GPS) RWY 36
RUSSIAN MISSION (RSH)(PARS)

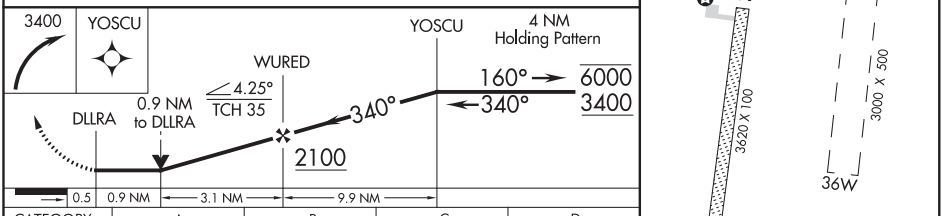
RNP APCH.

Circling Rwy 18 NA at night.
Rwy 36 helicopter visibility reduction below ¾ SM NA.
-31°C

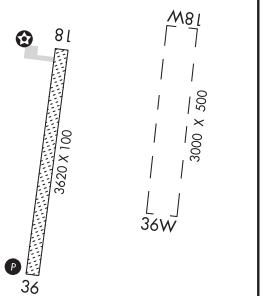
MISSED APPROACH: Climbing right turn to 3400 direct YOSCU and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
118.375	118.15 251.05	122.9 L





ELEV 58 TDZE 58



MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

CATEGORY	A	B	C	D
LP MDA	700-1 642 (700-1)	NA		
LNAV MDA	840-1 782 (800-1)	NA		
C CIRCLING	840-1 782 (800-1)	840-1¼ 782 (800-1¼)	1120-3 1062 (1100-3)	1360-3 1302 (1400-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ST GEORGE, ALASKA | AL-9124 (FAA) | 18256

ILS or LOC RWY 11
ST GEORGE (PBV) (PAPB)

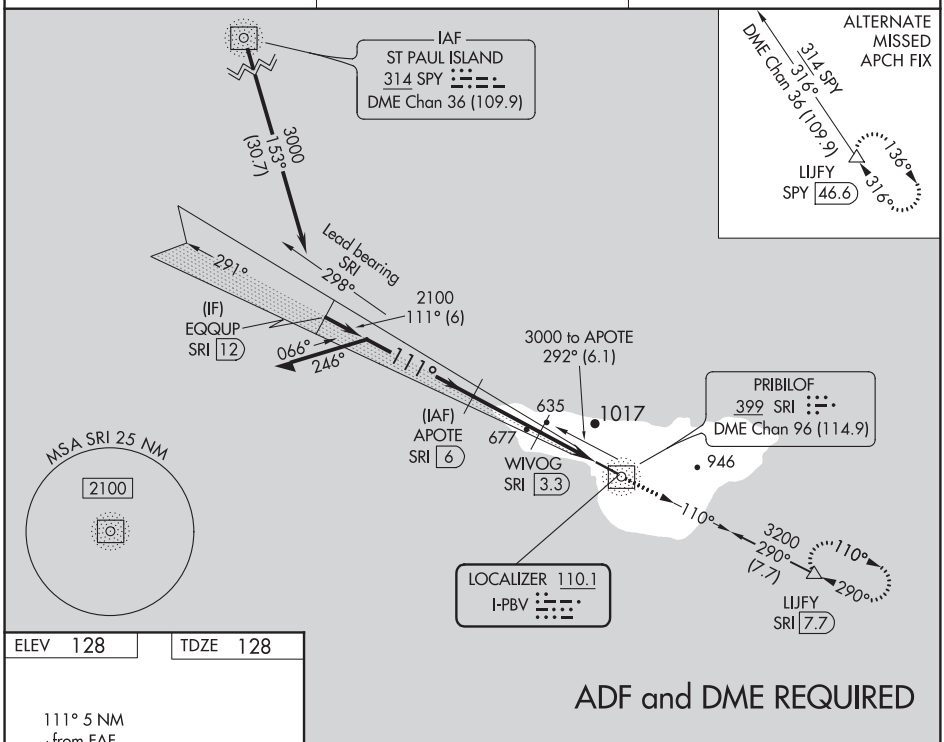
LOC I-PBV	APP CRS	Rwy ldg / TDZE / Apt Elev
110.1	111°	4982 / 128 / 128

DME from SRI NDB/DME. Simultaneous reception of I-PBV and SRI DME required. Circling NA north of Rwy 11-29. ADF and DME required. Inop table does not apply to S-LOC 11 Cats A and B and S-ILS 11 all Cats.

MALSF

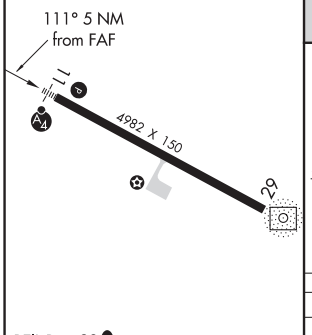
MISSED APPROACH: Climb to 3200 on SRI NDB/DME bearing 110° to LIJFY/SRI 7.7 DME and hold, continue climb-in-hold to 3200.

ASOS	ANCHORAGE CENTER	CTAF
135.45	119.1 339.8	122.8 L



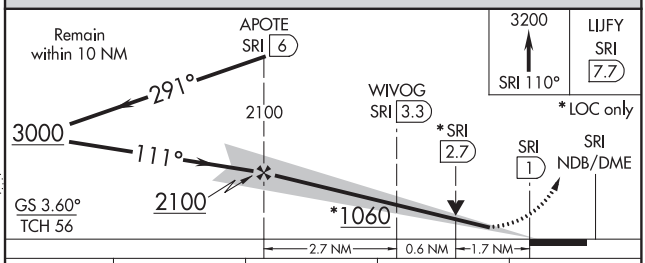
ADF and DME REQUIRED

ELEV 128 | TDZE 128



REIL Rwy 29 L
HIRL Rwy 11-29 L

FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40



CATEGORY	A	B	C	D
S-ILS 11	428-1 300 (300-1)			NA
S-LOC 11	840-1 712 (800-1)		840-1¾ 712 (800-1¾)	NA
C CIRCLING	840-1 712 (800-1)	980-1¼ 852 (900-1¼)	980-2½ 852 (900-2½)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 42741 W11A	APP CRS 111°	Rwy ldg 4982 TDZE 128 Apt Elev 128

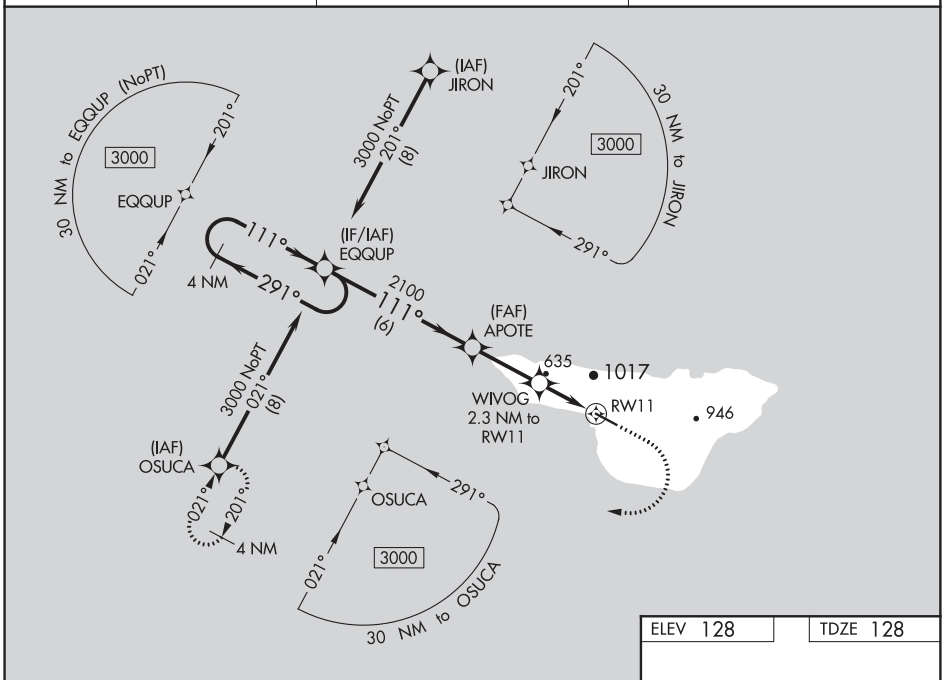
RNAV (GPS) RWY 11
ST GEORGE (PBV) (PAPB)

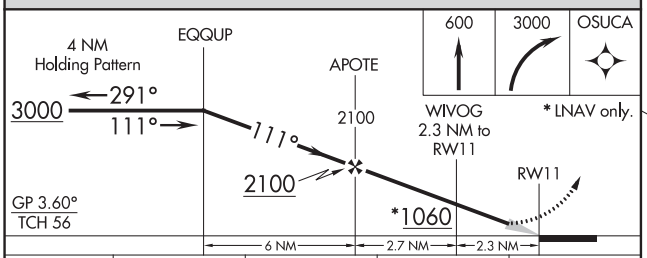
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -14°C (7°F) or above 47°C (117°F). DME/DME RNP-0.3 NA. Circling NA north of Rwy 11-29. Inop table does not apply to LPV all Cats and LNAV Cat A. For inop ALS, increase LNAV/VNAV all Cats visibility to 2½ SM. For inop ALS, increase LNAV Cat C visibility to 2½ SM.

MALSF

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct OSUCA and hold.

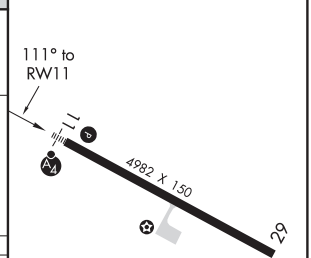
ASOS	ANCHORAGE CENTER	CTAF
135.45	119.1 339.8	122.8 L





CATEGORY	A	B	C	D
LPV DA	428-1 300 (300-1)			NA
LNAV/VNAV DA	957-2 829 (900-2)			NA
LNAV MDA	900-1 772 (800-1)		900-2 772 (800-2)	NA
C CIRCLING	900-1 772 (800-1)	980-1¼ 852 (900-1¼)	980-2½ 852 (900-2½)	NA

ELEV 128 TDZE 128



REIL Rwy 29 L
HIRL Rwy 11-29 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ST GEORGE, ALASKA | AL-9124 (FAA) | 20310

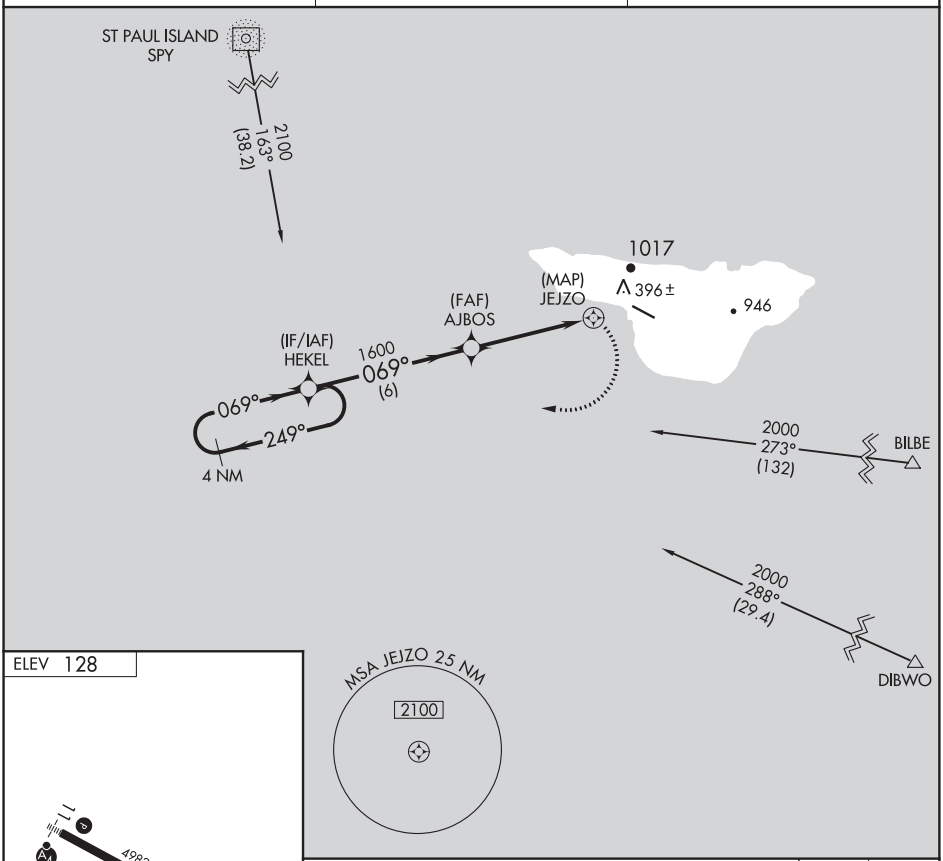
APP CRS	Rwy ldg	N/A
069°	TDZE	N/A
	Apt Elev	128

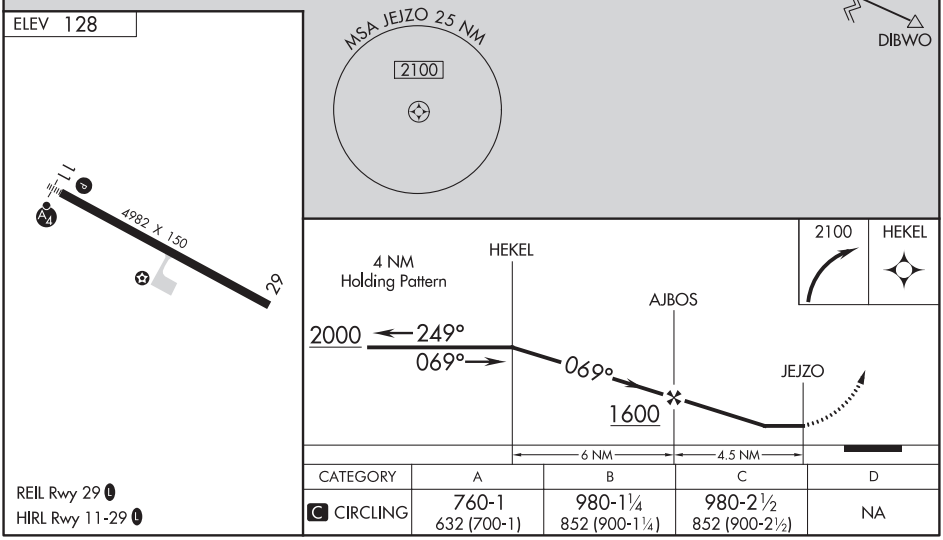
RNAV (GPS)-D
ST GEORGE (PBV) (PAPB)

DME/DME RNP-0.3 NA.
Circling NA north of Rwy 11-29.

MISSED APPROACH: Climbing right turn to 2100 direct HEKEL and hold.

ASOS	ANCHORAGE CENTER	CTAF
135.45	119.1 339.8	122.8 L





CATEGORY	A	B	C	D
C CIRCLING	760-1 632 (700-1)	980-1¼ 852 (900-1¼)	980-2½ 852 (900-2½)	NA

REIL Rwy 29 L
HIRL Rwy 11-29 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 45928 W17A	APP CRS 170°	Rwy ldg 6008 TDZE 302 Apt Elev 312

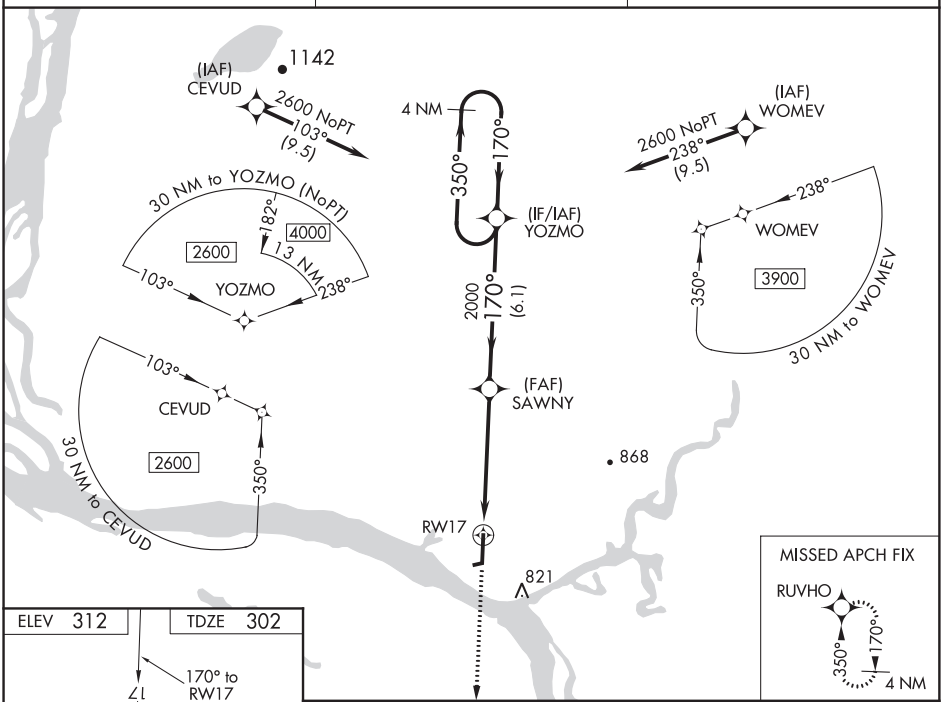
RNAV (GPS) RWY 17
ST MARY'S (KSM)(PASM)

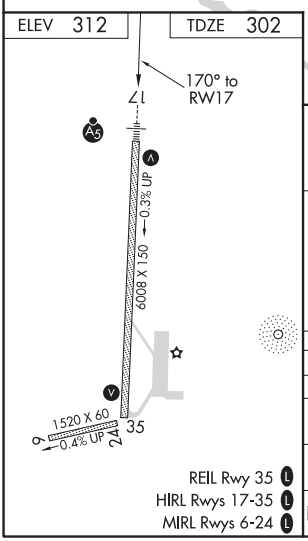
Inoperative table does not apply. Circling NA east of Rwy 17-35. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Mountain Village altimeter setting and increase all DA/MDA 40 feet and all visibilities ¼ mile. VDP NA when using Mountain Village altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 42°C (107°F).

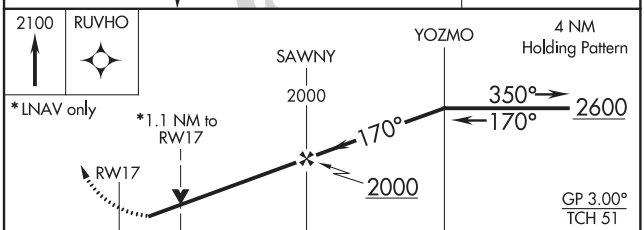
MALSR

MISSED APPROACH: Climb to 2100 direct RUVHO and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
128.7	124.0	122.3 L







CATEGORY	A	B	C	D
LPV DA	552-¾ 250 (300-¾)			
LNAV/VNAV DA	624-1 322 (300-1)			
LNAV MDA	700-1 398 (400-1)		700-1⅛ 398 (400-1⅛)	
C CIRCLING	820-1 508 (600-1)		820-1½ 508 (600-1½)	880-2 568 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ST MARY'S, ALASKA | AL-6072 (FAA) | 20310

RNAV (GPS) RWY 35
ST MARY'S (KSM)(PASM)

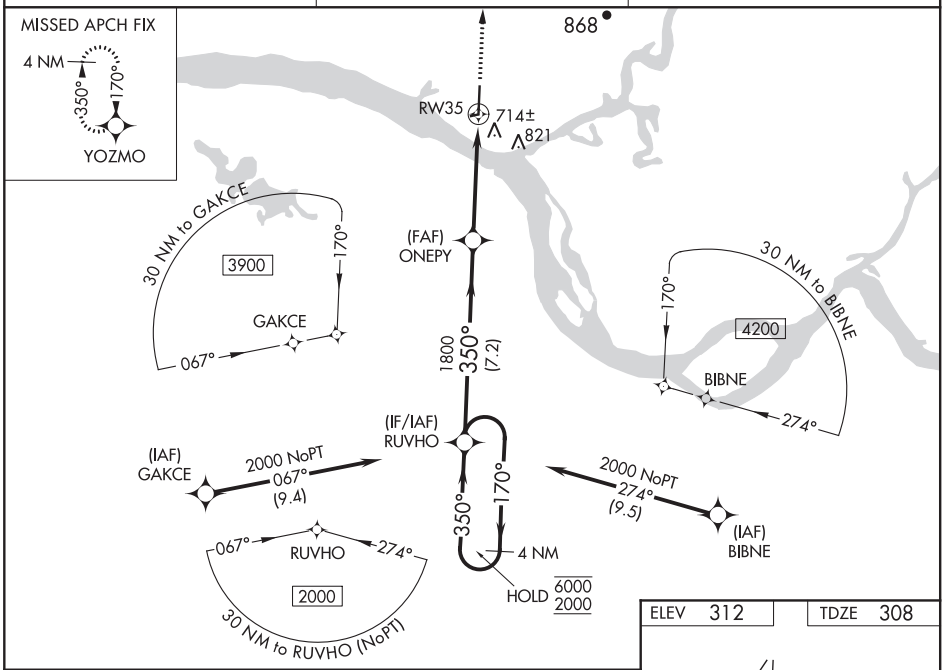
WAAS CH 87028 W35A	APP CRS 350°	Rwy ldg 6008 TDZE 308 Apt Elev 312

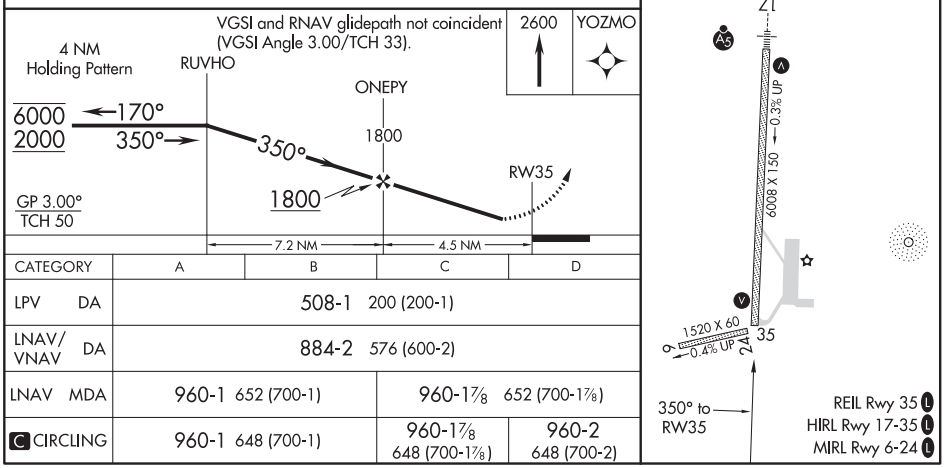
RNP APCH.

Circling NA east of Rwy 17-35. Rwy 35 helicopter visibility reduction below 1 SM NA. Baro-VNAV NA when using Mountain Village altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. When local altimeter setting not received, use Mountain Village altimeter setting and increase all DA 29 feet and all MDAs 40 feet and LNAV visibility Cat C/D ⅛ SM and Circling visibility Cat C ⅛ SM, Cat D ¼ SM.

MISSED APPROACH: Climb to 2600 direct YOZMO and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
128.7	124.0	122.3 L





CATEGORY	A	B	C	D
LPV DA	508-1 200 (200-1)			
LNAV/VNAV DA	884-2 576 (600-2)			
LNAV MDA	960-1 652 (700-1)		960-1⅞ 652 (700-1⅞)	
C CIRCLING	960-1 648 (700-1)		960-1⅞ 648 (700-1⅞)	960-2 648 (700-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC/DME RWY 17
ST MARY'S (KSM)(PASM)

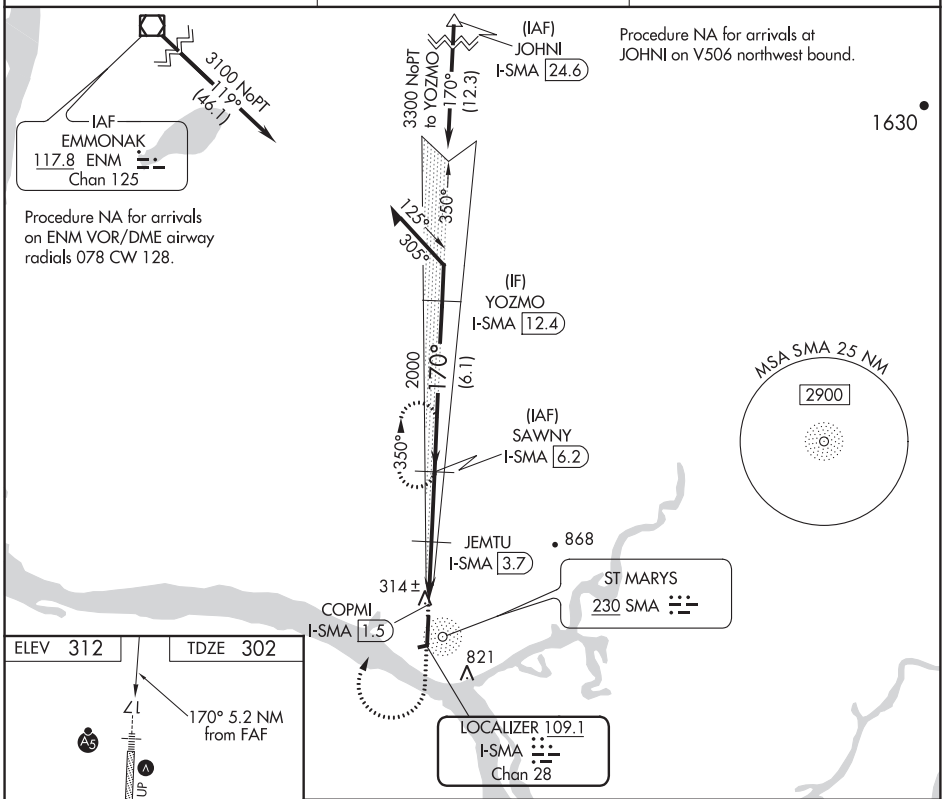
LOC/DME I-SMA	APP CRS	Rwy ldg	6008
109.1	170°	TDZE	302
Chan 28		Apt Elev	312

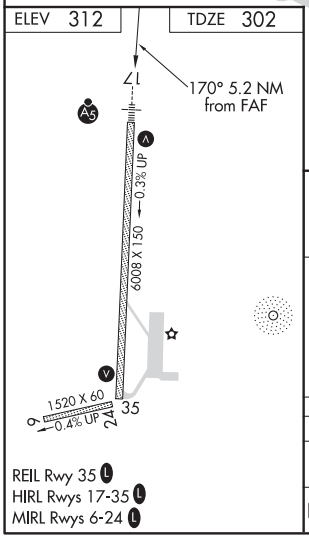
Inoperative table does not apply. Circling NA east of Rwy 17-35. When local altimeter setting not received use Mountain Village altimeter setting and increase all MDAs 40 feet.

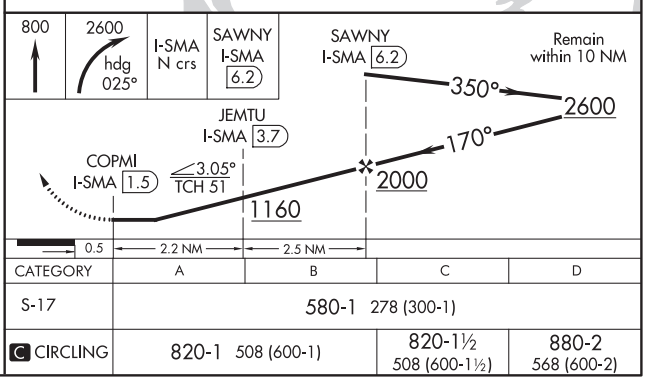
MALSR

MISSED APPROACH: Climb to 800 then climbing right turn to 2600 on heading 025° and on I-SMA north course to SAWNY/I-SMA 6.2 DME and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
128.7	124.0	122.3 L







CATEGORY	A	B	C	D
S-17	580-1 278 (300-1)			
C CIRCLING	820-1 508 (600-1)		820-1½ 508 (600-1½)	880-2 568 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ST MICHAEL, ALASKA

AL-9451 (FAA)

19059

RNAV (GPS) RWY 2
ST MICHAEL (SMK) (PAMK)

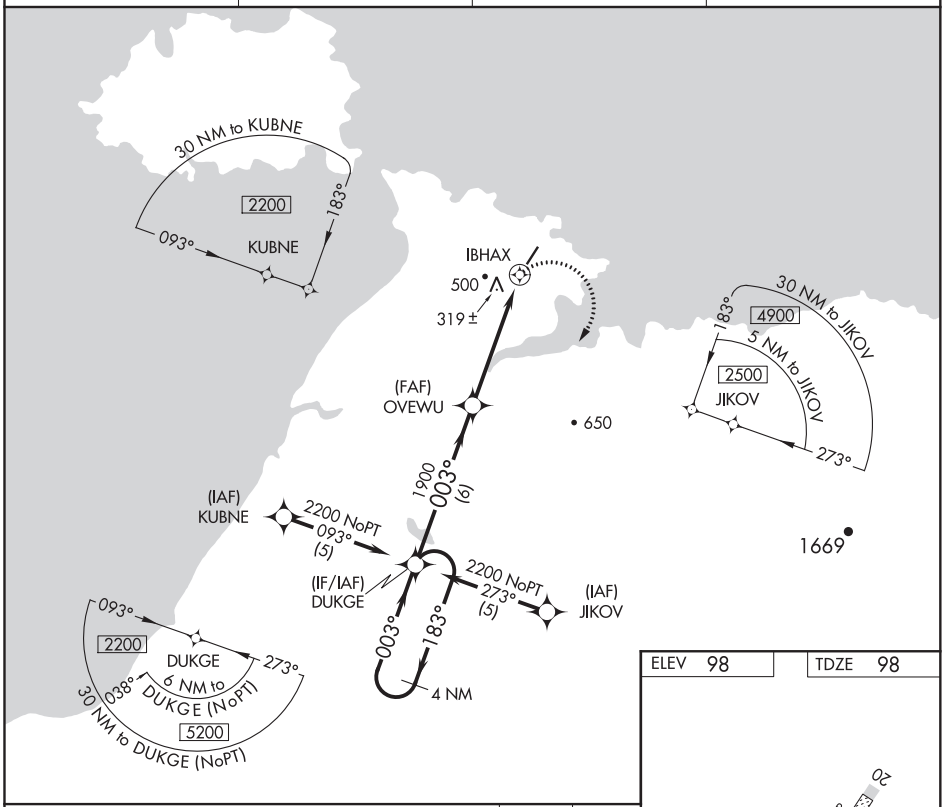
APP CRS	Rwy ldg	4001
003°	TDZE	98
	Apt Elev	98

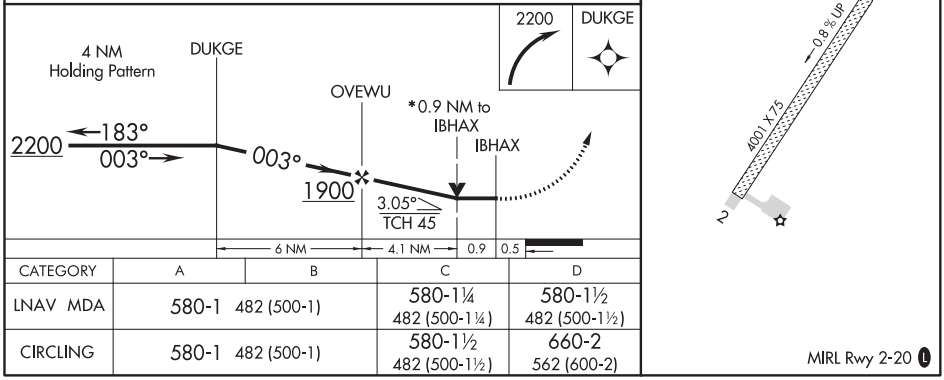
T A -37°C

If local altimeter setting not received, use Unalakleet altimeter setting and increase all MDAs 120 feet. Circling NA west of Rwy 2-20. DME/DME RNP-0.3 NA.
* VDP NA with Unalakleet altimeter setting.

MISSED APPROACH:
Climbing right turn to 2200 direct DUKGE and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	UNICOM
119.275	124.0	122.30	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	580-1 482 (500-1)		580-1¼ 482 (500-1¼)	580-1½ 482 (500-1½)
CIRCLING	580-1 482 (500-1)		580-1½ 482 (500-1½)	660-2 562 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 93602 W20A	APP CRS 196°	Rwy ldg 4001 TDZE 88 Apt Elev 98

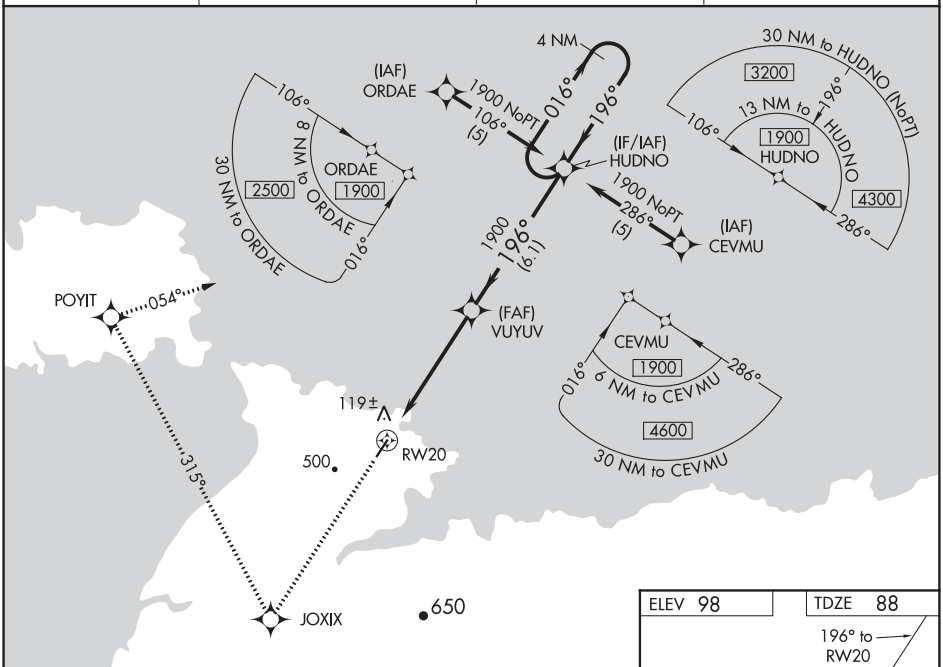
RNAV (GPS) RWY 20
ST MICHAEL (SMK) (PAMK)

T A W -37°C

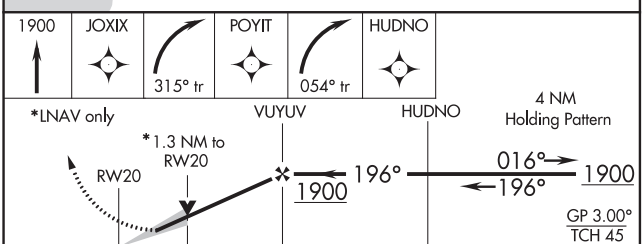
If local altimeter setting not received, use Unalakleet altimeter setting and increase all DAs/MDAs 120 feet. Circling NA west of Rwy 2-20. DME/DME RNP-0.3 NA. Baro-VNAV NA when using Unalakleet altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 48°C (120°F). VDP NA with Unalakleet altimeter setting.

MISSED APPROACH: Climb to 1900 direct JOXIX and right turn via 315° track to POYIT and right turn via 054° track to HUDNO and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	UNICOM
119.275	124.0	122.30	122.8 (CTAF) L

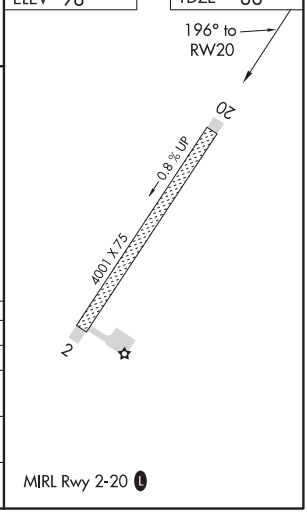


1900	JOXIX	315° tr	POYIT	054° tr	HUDNO



CATEGORY	A	B	C	D
LPV DA	338-1 250 (300-1)			
LNAV/VNAV DA	452-1¼ 364 (400-1¼)			
LNAV MDA	520-1 432 (500-1)		520-1¼ 432 (500-1¼)	520-1½ 432 (500-1½)
CIRCLING	520-1 422 (500-1)	560-1 462 (500-1)	560-1½ 462 (500-1½)	660-2 562 (600-2)

ELEV 98 TDZE 88



MIRL Rwy 2-20 L

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

LOC I-PAU	APP CRS	Rwy ldg	6500
109.9	360°	TDZE	47
		Apt Elev	66

ILS or LOC RWY 36
ST PAUL ISLAND (SNP)(PASN)

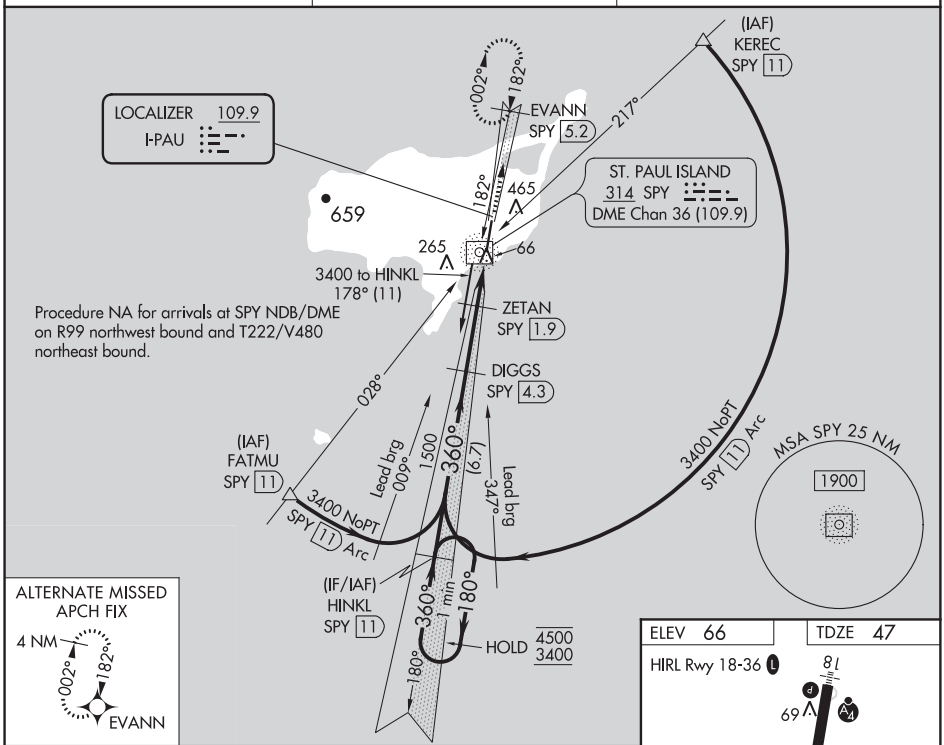
ADF and DME required for procedure entry. DME required.

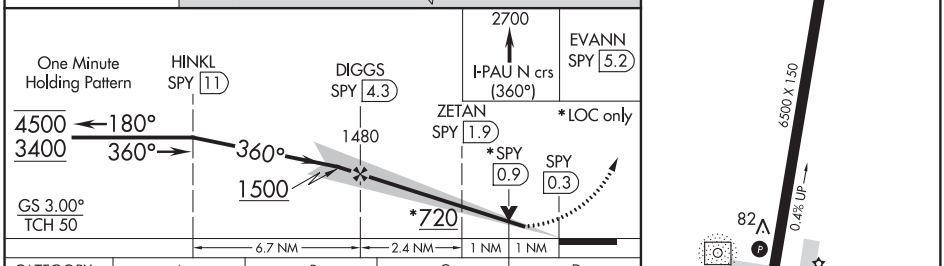
Circling NA west of Rwy 18-36. Inop table does not apply to S-ILS. When local altimeter setting not received, procedure NA. DME from SPY NDB/DME. Simultaneous reception of I-PAU and SPY DME required.

MALSF

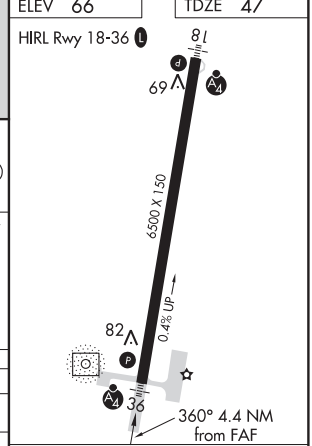
MISSED APPROACH: Climb to 2700 on I-PAU north course (360°) to EVANN/SPY 5.2 DME and hold, continue climb-in-hold to 2700.

ASOS	ANCHORAGE CENTER	CTAF
135.75	119.1 339.8	122.3 L





CATEGORY	A	B	C	D
S-ILS 36	247-¾ 200 (200-¾)			
S-LOC 36	380-¾ 333 (400-¾)			
C CIRCLING	800-1 734 (800-1)		800-2 734 (800-2)	800-2¼ 734 (800-2¼)



FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	6500
180°	TDZE	66
	Apt Elev	66

RNAV (GPS) RWY 18
ST PAUL ISLAND (SNP) (PASN)

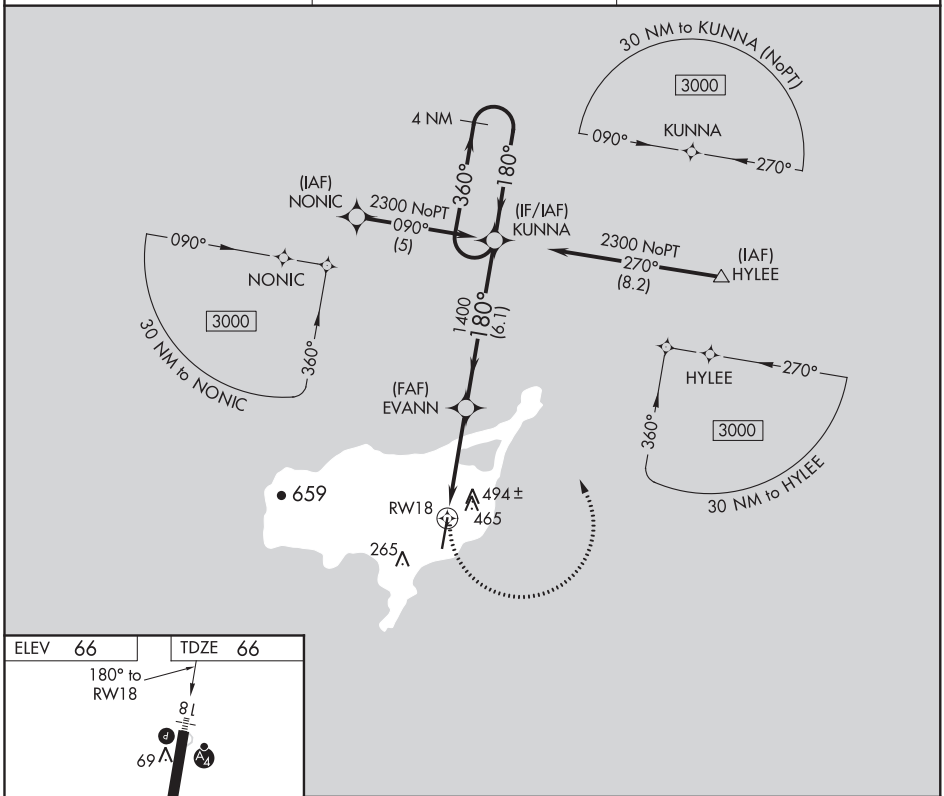
RNP APCH.

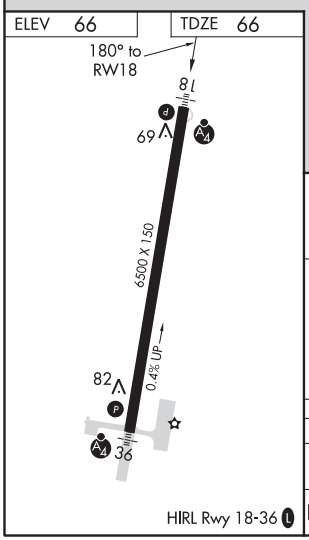
Inoperative table does not apply.
Circling NA west of Rwy 18-36.
Rwy 18 helicopter visibility reduction below 1 SM NA.

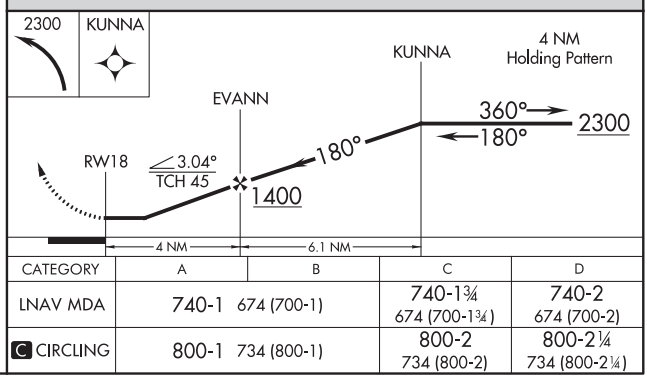
MALSF

MISSED APPROACH: Climbing left turn to 2300 direct KUNNA and hold.

ASOS	ANCHORAGE CENTER	CTAF
135.75	119.1 339.8	122.3 L







CATEGORY	A	B	C	D
LNAV MDA	740-1 674 (700-1)		740-1¾ 674 (700-1¾)	740-2 674 (700-2)
C CIRCLING	800-1 734 (800-1)		800-2 734 (800-2)	800-2¼ 734 (800-2¼)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ST. PAUL ISLAND, ALASKA | AL-2119 (FAA) | 20254

RNAV (GPS) RWY 36
ST PAUL ISLAND (SNP) (PASN)

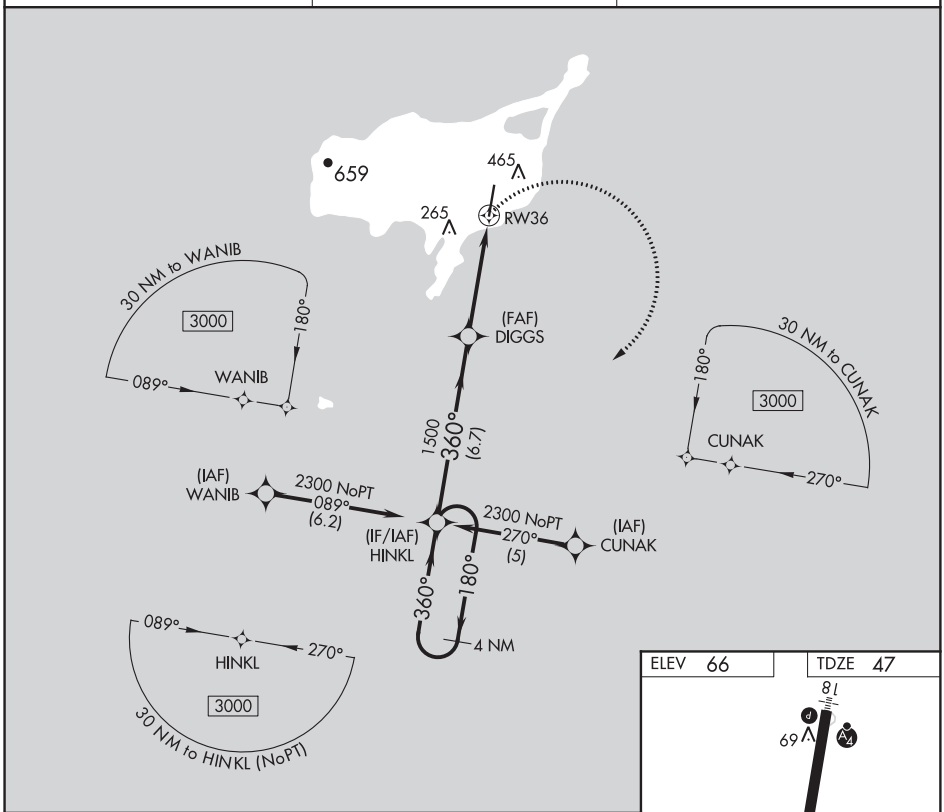
APP CRS	Rwy ldg	6500
360°	TDZE	47
	Apt Elev	66

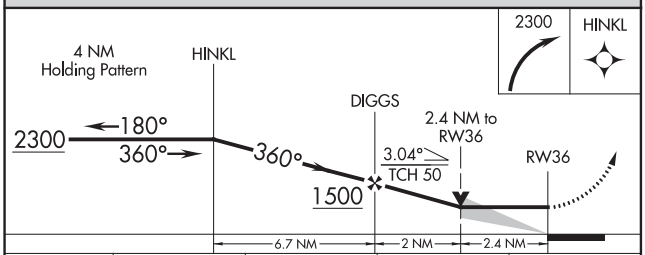
RNP APCH.
Inoperative table does not apply.
Circling NA west of Rwy 18-36.

MALSF

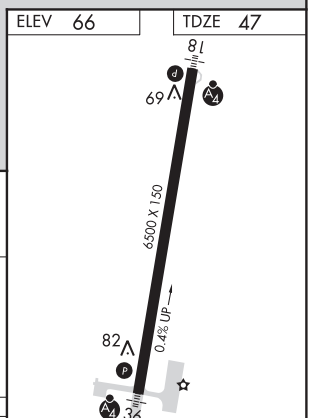
MISSED APPROACH: Climbing right turn to 2300 direct HINKL and hold.

ASOS	ANCHORAGE CENTER	CTAF
135.75	119.1 339.8	122.3 L





CATEGORY	A	B	C	D
LNAV MDA	840-1 793 (800-1)	840-1¼ 793 (800-1¼)	840-2¼ 793 (800-2¼)	840-2½ 793 (800-2½)
C CIRCLING	840-1 774 (800-1)	840-1¼ 774 (800-1¼)	840-2¼ 774 (800-2¼)	840-2½ 774 (800-2½)



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC I-PAU	APP CRS	Rwy ldg	6500
109.9	180°	TDZE	66
		Apt Elev	66

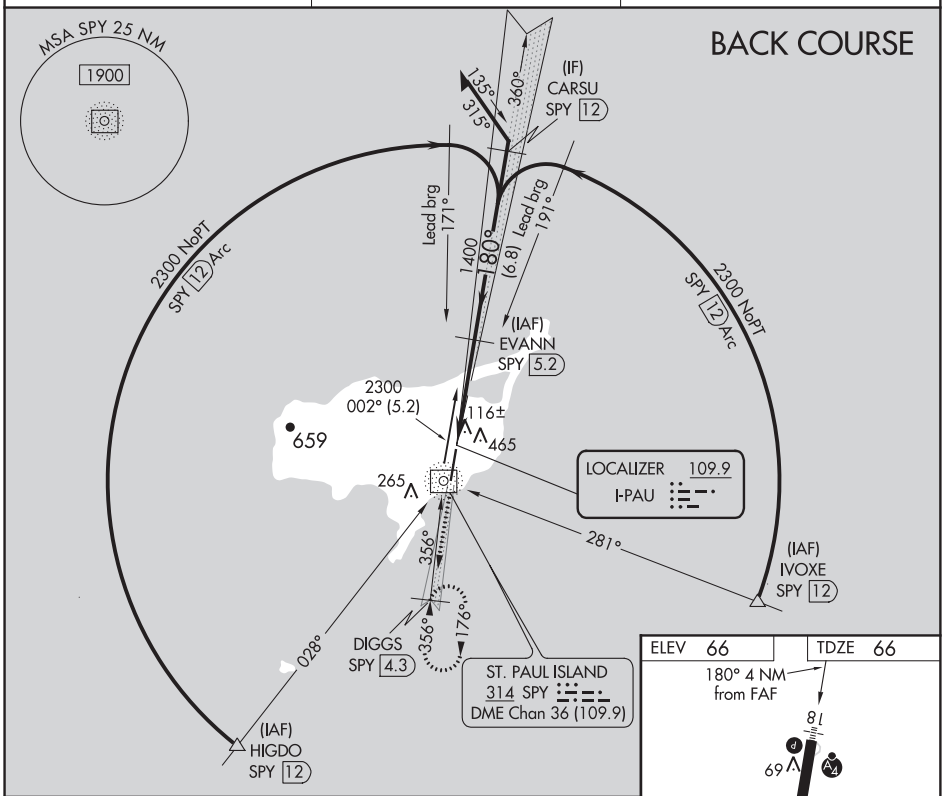
LOC/DME BC RWY 18
ST PAUL ISLAND (SNP) (PASN)

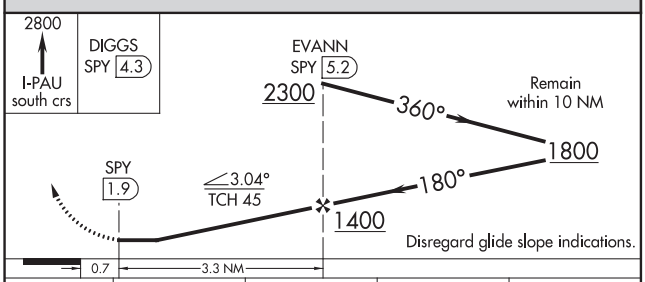
Inoperative table does not apply. Circling NA west of Rwy 18-36. Rwy 18 helicopter visibility reduction below 1 SM NA. DME from SPY NDB/DME. Simultaneous reception of I-PAU and SPY DME required.

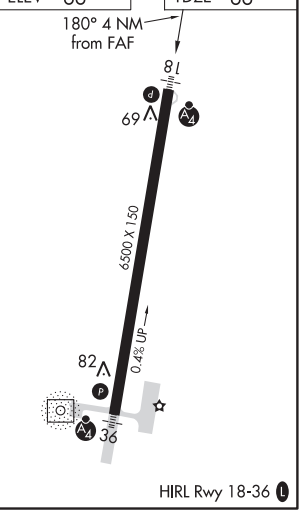
MALSF

MISSED APPROACH: Climb to 2800 via I-PAU south course to DIGGS/SPY 4.3 DME and hold, continue climb-in-hold to 2800.

ASOS	ANCHORAGE CENTER	CTAF
135.75	119.1 339.8	122.3 L







CATEGORY	A	B	C	D
S-18	580-1 514 (600-1)		580-1½ 514 (600-1½)	
C CIRCLING	800-1 734 (800-1)		800-2 734 (800-2)	800-2¼ 734 (800-2¼)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

SAND POINT, ALASKA | AL-6537 (FAA) | 19115

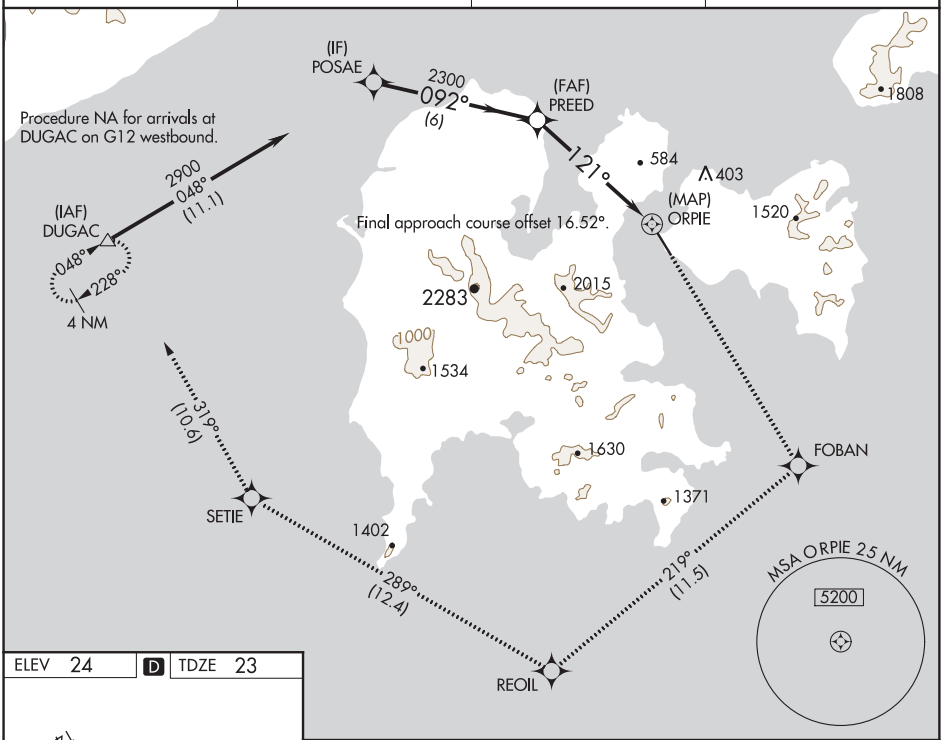
WAAS CH 63041 W14A	APP CRS 121°	Rwy ldg 4099 TDZE 23 Apt Elev 24

RNAV (GPS) RWY 14
SAND POINT (SDP) (PASD)

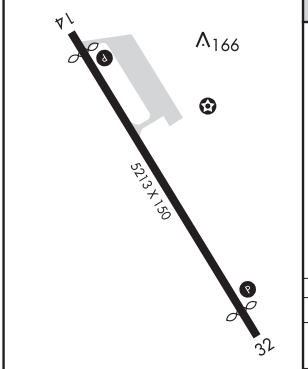
Circling NA northeast of Rwy 14-32.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 5000 direct FOBAN and on track 219° to REOIL and on track 289° to SETIE and on track 319° to DUGAC and hold.

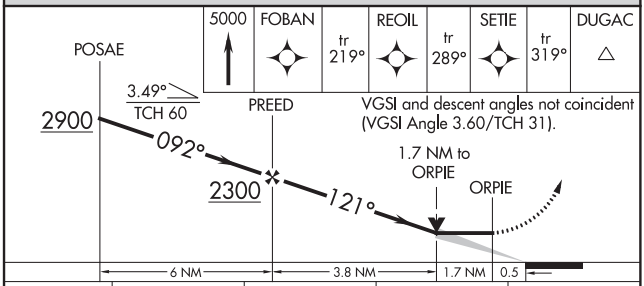
AWOS-3P	ANCHORAGE CENTER	CLNC DEL	UNICOM
134.85	125.35 346.3	122.3 (CTAF) L	122.8



ELEV 24 | D | TDZE 23



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



VGSI and descent angles not coincident (VGSI Angle 3.60/TCH 31).

CATEGORY	A	B	C	D
LP MDA	720-1 697 (700-1)		720-2 697 (700-2)	
LNAV MDA	860-1 837 (900-1)	860-1¼ 837 (900-1¼)	860-2½ 837 (900-2½)	
C CIRCLING	860-1¼ 836 (900-1¼)		1520-3 1496 (1500-3)	2200-3 2176 (2200-3)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

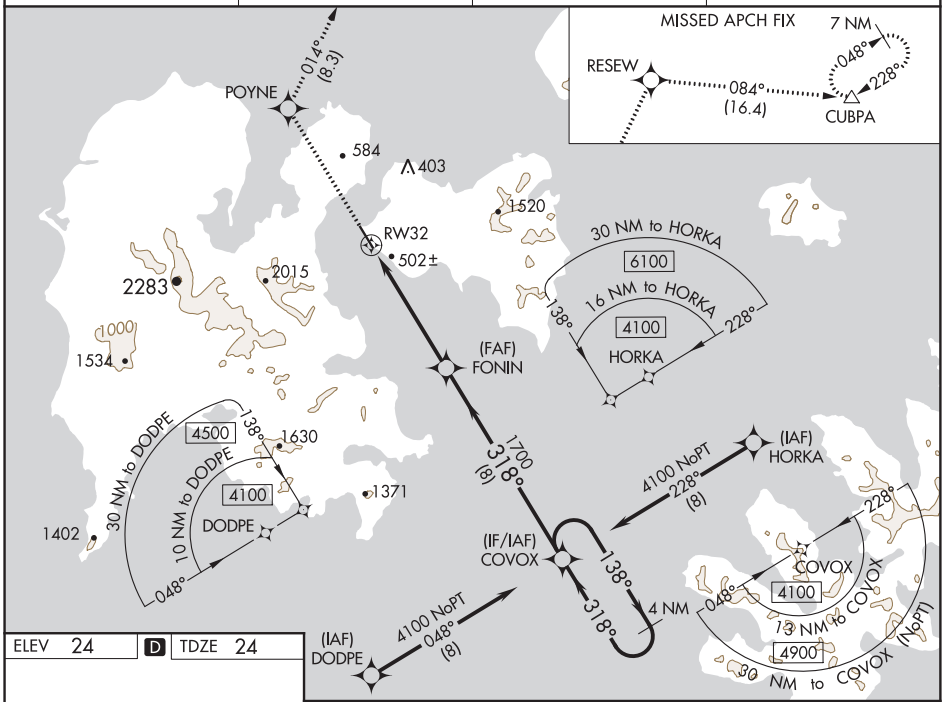
WAAS CH 78241 W32A	APP CRS 318°	Rwy ldg 4099 TDZE 24 Apt Elev 24

RNAV (GPS) RWY 32
SAND POINT (SDP) (PASD)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). When local altimeter setting not received, procedure NA. Circling NA northeast of Rwy 14-32. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 7000 direct POYNE and on track 014° to RESEW and on track 084° to CUBPA and hold, continue climb-in-hold to 7000.

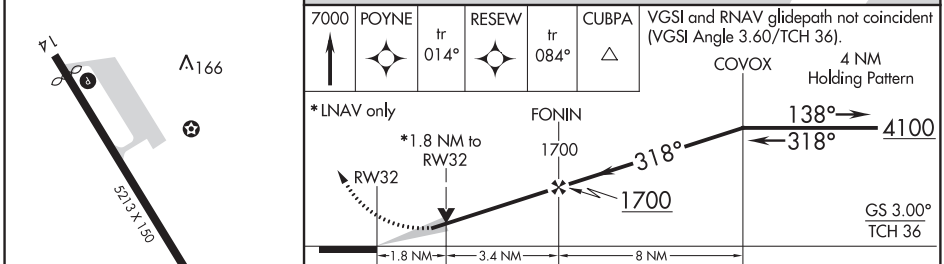
AWOS-3P	ANCHORAGE CENTER	CLNC DEL	UNICOM
134.85	125.35 346.3	122.3 (CTAF) L	122.8



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 24	D	TDZE 24



CATEGORY	A	B	C	D
LPV DA	566-1⅝ 542 (600-1⅝)			
LNAV/VNAV DA	859-2½ 835 (900-2½)			
LNAV MDA	760-1 736 (800-1)		760-2 736 (800-2)	
C CIRCLING	760-1 736 (800-1)		1520-3 1496 (1500-3)	NA

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

SAND POINT, ALASKA | AL-6537 (FAA) | 19115

NDB RWY 14

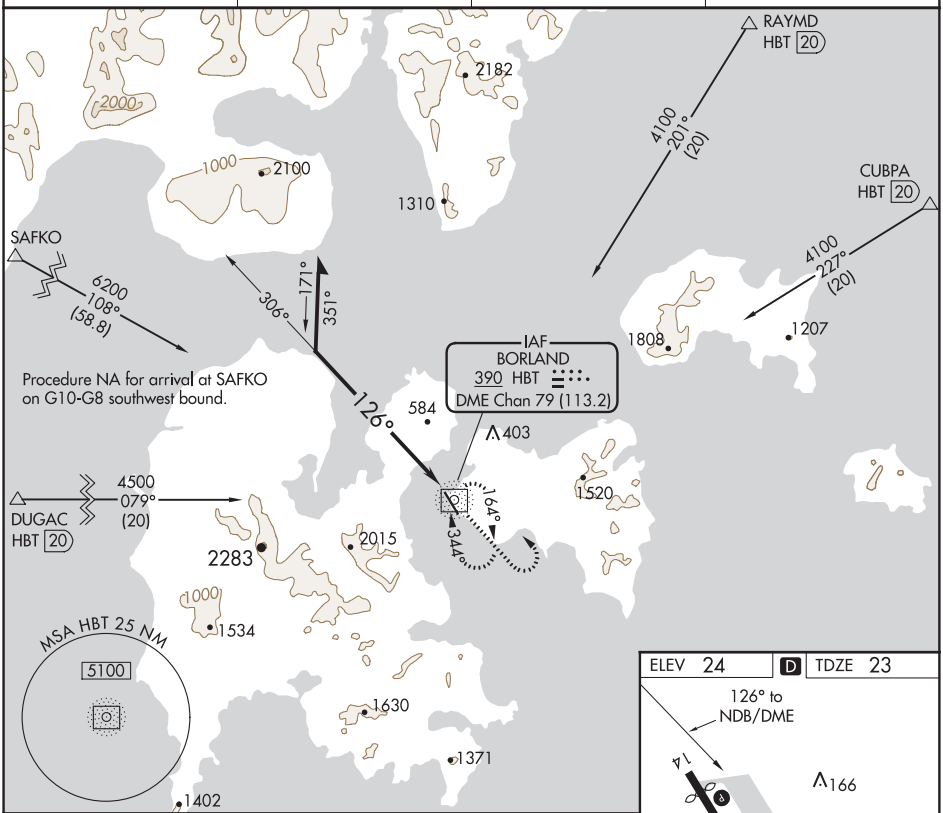
SAND POINT (SDP) (PASD)

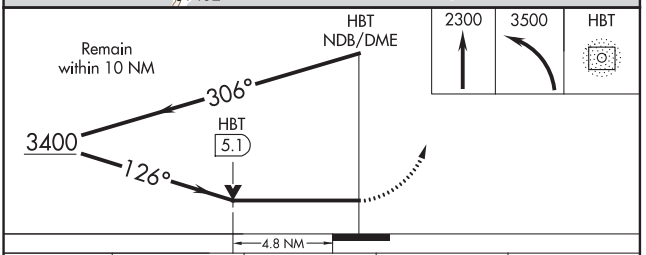
NDB/DME HBT	APP CRS	Rwy ldg	4099
390	126°	TDZE	23
Chan 79 (113.2)		Apt Elev	24

Circling NA northeast of Rwy 14-32.
Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2300 then climbing left turn to 3500 direct HBT NDB and hold, continue climb-in-hold to 3500.

AWOS-3P	ANCHORAGE CENTER	CLNC DEL	UNICOM
134.85	125.35 346.3	122.3 (CTAF) L	122.8





CATEGORY	A	B	C	D
S-14	1900-1¼ 1877 (1900-1¼)	1900-1½ 1877 (1900-1½)	1900-3 1877 (1900-3)	
C CIRCLING	1900-1¼ 1876 (1900-1¼)	1900-1½ 1876 (1900-1½)	1900-3 1876 (1900-3)	2200-3 2176 (2200-3)

SAND POINT, ALASKA
Amdt 2 13SEP18

55°19′N-160°31′W

SAND POINT (SDP) (PASD)
NDB RWY 14

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

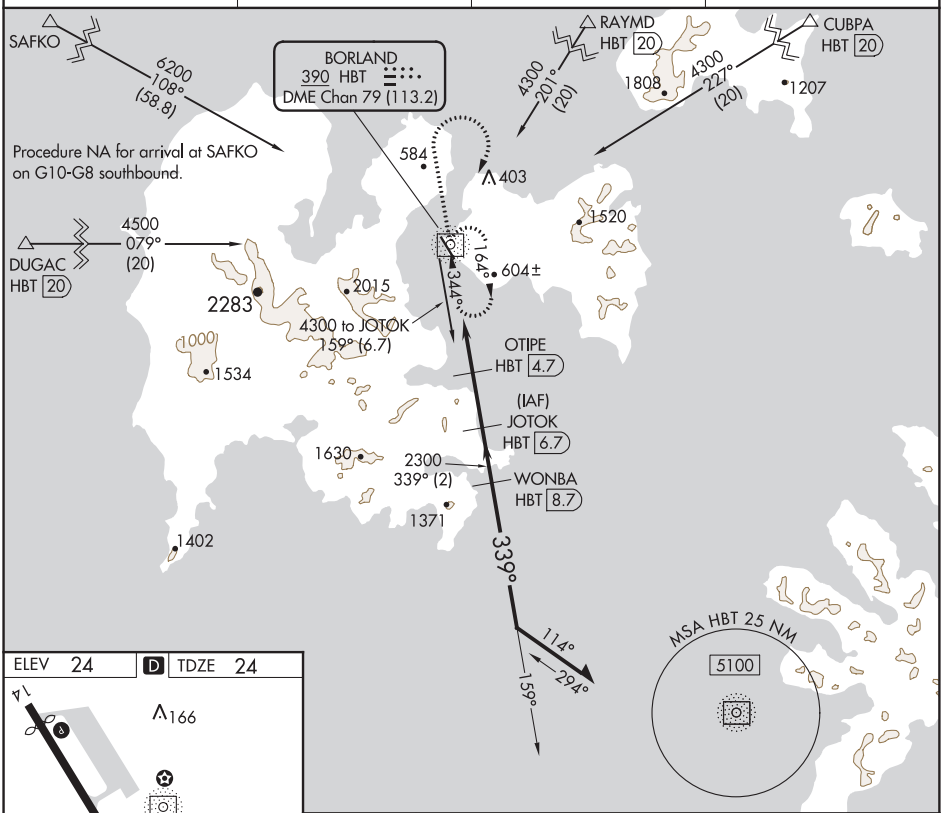
NDB/DME HBT	APP CRS	Rwy ldg	4099
390	339°	TDZE	24
Chan 79 (113.2)		Apt Elev	24

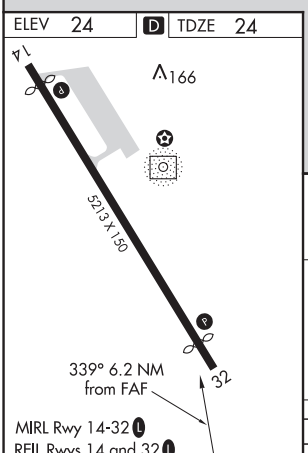
NDB RWY 32
SAND POINT (SDP) (PASD)

Circling NA northeast of Rwy 14-32.
DME required.

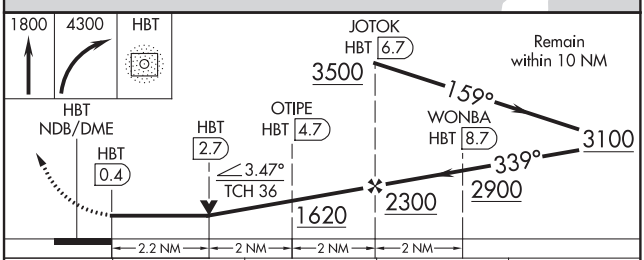
MISSED APPROACH: Climb to 1800 then climbing right turn to 4300 direct HBT NDB and hold, continue climb-in-hold to 4300.

AWOS-3P	ANCHORAGE CENTER	CLNC DEL	UNICOM
134.85	125.35 346.3	122.3 (CTAF) L	122.8





FAF to MAP 6.2 NM					
Knots	60	90	120	150	180
Min:Sec	6:12	4:08	3:06	2:29	2:04



CATEGORY	A	B	C	D
S-32	920-1¼ 896 (900-1¼)		920-2½ 896 (900-2½)	
C CIRCLING	920-1¼ 896 (900-1¼)		1520-3 1496 (1500-3)	2200-3 2176 (2200-3)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

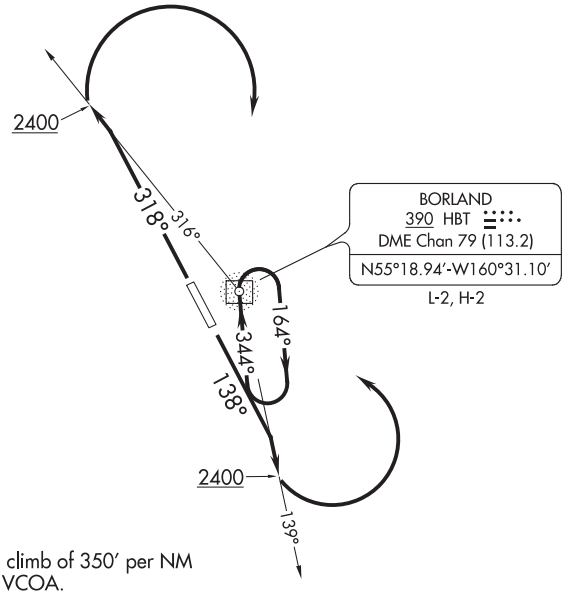
(HBT2.HBT) 18256

BORLAND TWO DEPARTURE (OBSTACLE)

AL-6537 (FAA)

SAND POINT (SDP) (PASD)
SAND POINT, ALASKA

ANCHORAGE CENTER
125.35 346.3
COLD BAY RADIO
122.3
CTAF
122.3



NOTE: ADF required.

TAKEOFF MINIMUMS

Rwy 14: Standard.

Rwy 32: Standard with minimum climb of 350′ per NM to 1200, or 2600-3 for VCOA.

TAKEOFF OBSTACLE NOTES

Rwy 32: Ships beginning 1493′ from DER, crossing extended runway centerline, 100′ MSL.
Vegetation beginning 1.4 NM from DER, 392′ right of centerline, up to 6′ AGL/256′ MSL.
Vegetation, terrain beginning 1.5 NM from DER, 534′ right of centerline, up to 296′ MSL.
Vegetation beginning 1.6 NM from DER, 995′ right of centerline, up to 7′ AGL/315′ MSL.
Terrain, vegetation beginning 1.7 NM from DER, on and left of centerline, up to 410′ MSL.
Vegetation beginning 1.7 NM from DER, 1493′ right of centerline, up to 6′ AGL/351′ MSL.
Vegetation beginning 1.9 NM from DER, 161′ right of centerline, up to 7′ AGL/401′ MSL.
Terrain, vegetation beginning 2 NM from DER, 326′ right of centerline, up to 456′ MSL.
Vegetation 2.1 NM from DER, 2753′ right of centerline, 5′ AGL/478′ MSL.
Terrain, vegetation beginning 2.2 NM from DER, 388′ right of centerline, up to 619′ MSL.
Terrain 2.5 NM from DER, 1994′ right of centerline, 472′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb on heading 138° to intercept bearing 139° from HBT NDB to 2400 then climbing left turn direct HBT NDB, thence. . . .

TAKEOFF RUNWAY 32: Climb on heading 318° to intercept bearing 316° from HBT NDB to 2400 then climbing right turn direct HBT NDB, or for VCOA, cross Sand Point Airport at or above 2500, thence. . . .

VCOA RUNWAY 32: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Sand Point Airport at or above 2500 then climb direct HBT NDB, thence. . . .

. . . .continue climb in HBT NDB holding pattern to 10000 before proceeding on course.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

RAYMD THREE DEPARTURE (RNAV)

AL-6537 (FAA)

TOP ALTITUDE: ASSIGNED BY ATC

ANCHORAGE CENTER
125.35 346.3
COLD BAY RADIO
122.3
CTAF
122.3

RAYMD
238°
058°
5 NM
1000
318°
138°
1800

NOTE: RNAV 1.
NOTE: GPS required.

TAKEOFF MINIMUMS
Rwy 14: Standard.
Rwy 32: 700-3 with minimum climb of 310′ per NM to 1000 or standard with minimum climb of 350′ per NM to 1000.

NOTE: Chart not to scale.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 14: Climb heading 138° to 1800, then climbing left turn direct RAYMD, thence. . . .

TAKEOFF RUNWAY 32: Climb heading 318° to 1000, then climbing right turn direct RAYMD, thence. . . .

. . . .maintain ATC assigned altitude, continue climb in RAYMD holding pattern to MEA before proceeding on course.

SAVOONGA, ALASKA | AL-6772 (FAA) | 19227

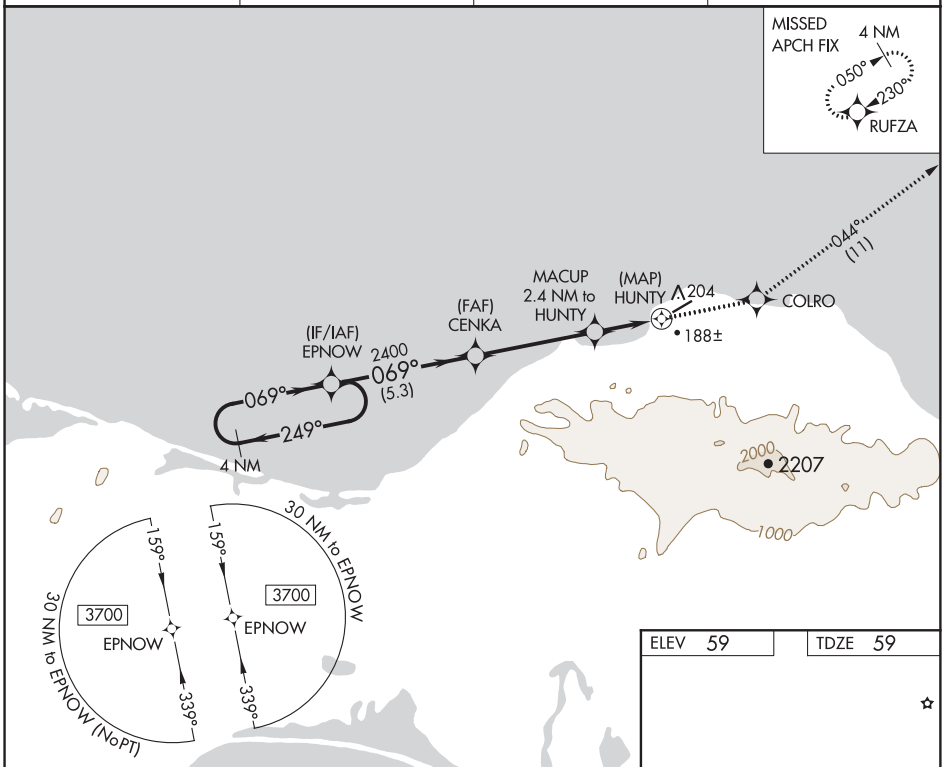
RNAV (GPS) RWY 5
SAVOONGA (SVA) (PASA)

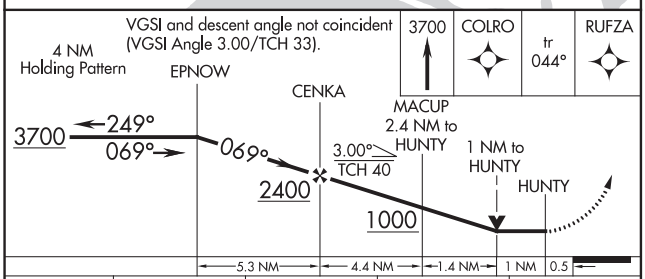
APP CRS	Rwy ldg	4400
069°	TDZE	59
	Apt Elev	59

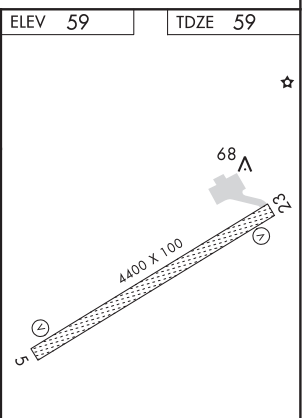
Circling NA southeast of Rwy 5-23. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Gambell altimeter setting and increase all MDA 100 feet, and increase visibility LNAV Cat C/D ⅜ mile and Circling Cat C ¼ mile. VDP NA with Gambell altimeter setting.

MISSED APPROACH: Climb to 3700 direct COLRO and on track 044° to RUFZA and hold, continue climb-in-hold to 3700.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.3	132.2 281.4	122.3	122.7 L







CATEGORY	A	B	C	D
LNAV MDA	560-1 501 (600-1)		560-1⅜ 501 (600-1⅜)	
CIRCLING	560-1 501 (600-1)		560-1½ 501 (600-1½)	620-2 561 (600-2)

SAVOONGA, ALASKA
Amdt 1C 29MAY14

63°41′N-170°30′W

SAVOONGA (SVA) (PASA)
RNAV (GPS) RWY 5

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

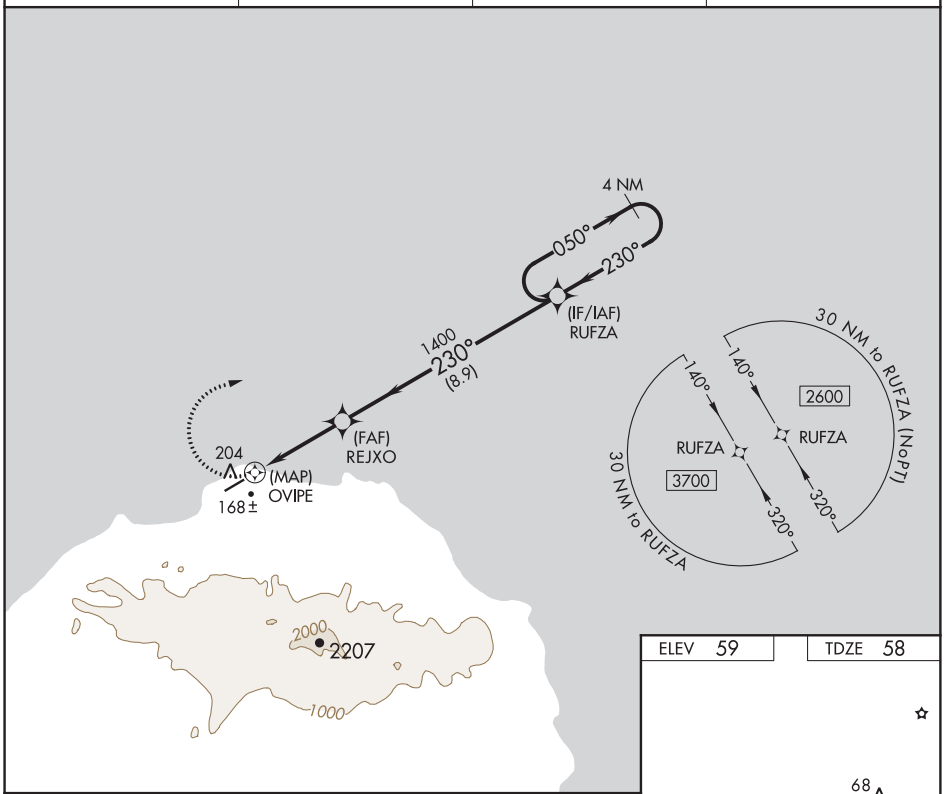
APP CRS	Rwy ldg	4400
230°	TDZE	58
	Apt Elev	59

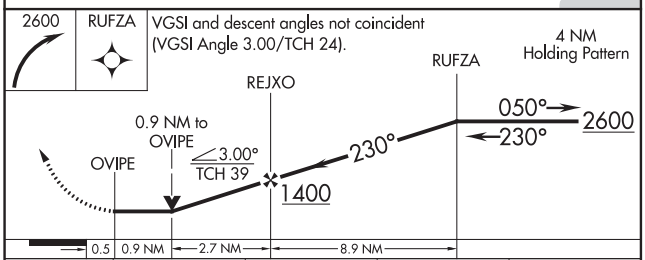
RNAV (GPS) RWY 23
SAVOONGA (SVA) (PASA)

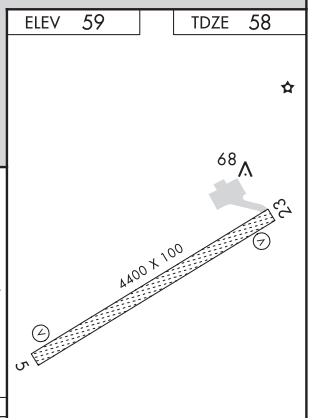
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Gambell altimeter setting and increase all MDA 100 feet, and increase LNAV visibility Cat C and D ¼ mile and Circling Cat C visibility ⅛ mile. Circling NA southeast of Rwy 5-23. VDP NA with Gambell altimeter setting.

MISSED APPROACH: Climbing right turn to 2600 direct RUFZA and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.3	132.2 281.4	122.3	122.7 L







CATEGORY	A	B	C	D
LNAV MDA	520-1 462 (500-1)		520-1⅜ 462 (500-1⅜)	
CIRCLING	520-1 461 (500-1)		520-1½ 461 (500-1½)	620-2 561 (600-2)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

SAVOONGA, ALASKA | AL-6772 (FAA) | 19227

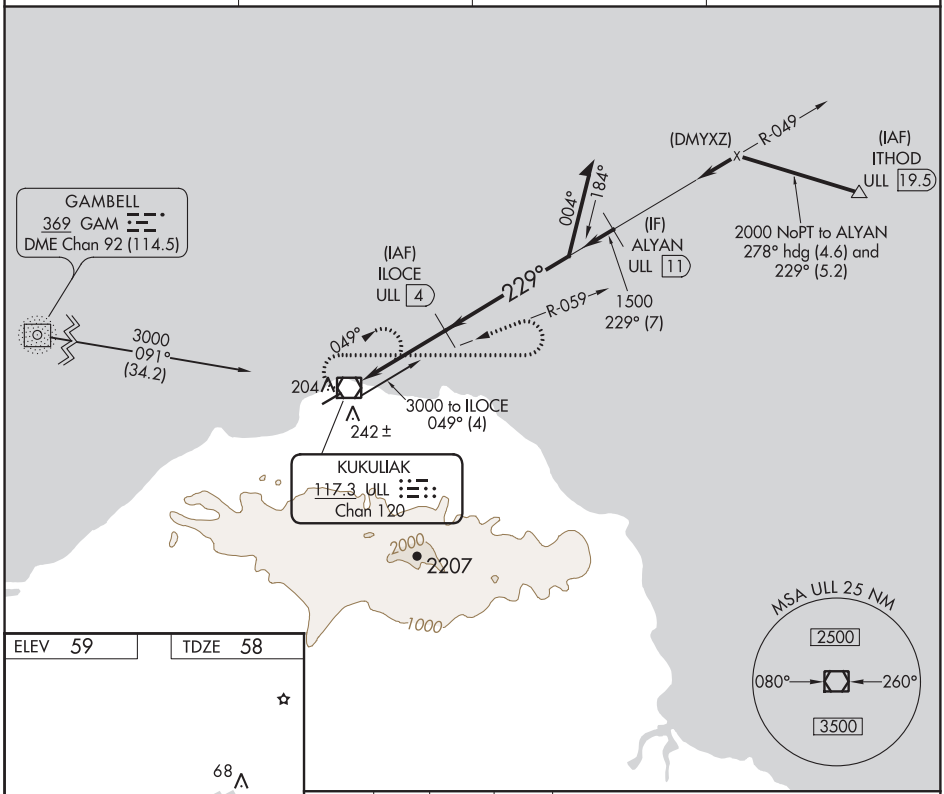
VOR/DME RWY 23
SAVOONGA (SVA) (PASA)

VOR/DME ULL	APP CRS	Rwy ldg	4400
117.3	229°	TDZE	58
Chan 120		Apt Elev	59

Circling NA southeast of Rwy 5-23. When local altimeter setting not received, use Gambell altimeter setting and increase all MDA 100 feet, and increase S-23 Cat C-D and Circling Cat C visibility ¼ mile. VDP NA with Gambell altimeter setting.

MISSED APPROACH: Climbing right turn to 3300 via heading 090° and via ULL VOR/DME R-059 then left turn via ULL VOR/DME R-059 to ULL VOR/DME and hold.

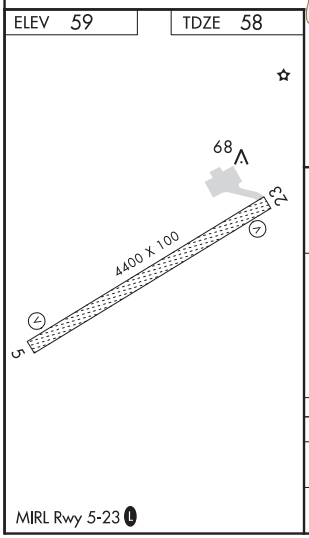
AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.3	132.2 281.4	122.3	122.7 L



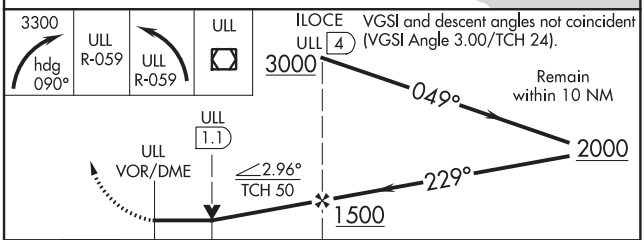
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 59 | TDZE 58



MIRL Rwy 5-23 L



CATEGORY	A	B	C	D
S-23	600-1	542 (600-1)	600-1½ 542 (600-1½)	600-1¾ 542 (600-1¾)
CIRCLING	600-1	541 (600-1)	600-1½ 541 (600-1½)	620-2 561 (600-2)

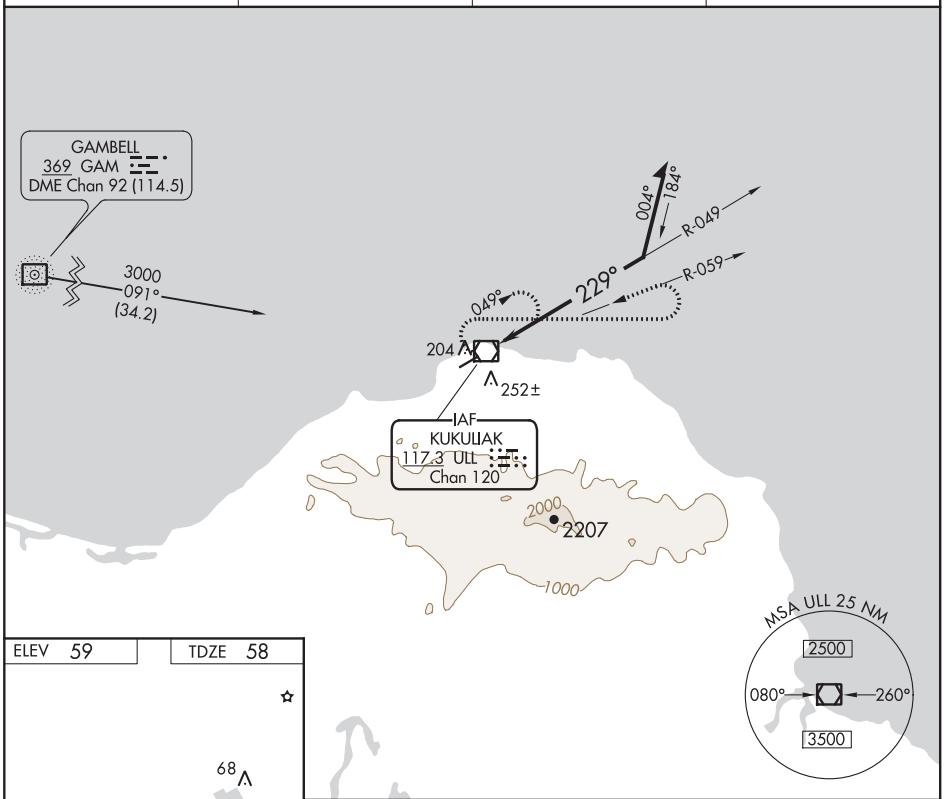
VOR/DME ULL 117.3 Chan 120	APP CRS 229°	Rwy ldg 4400 TDZE 58 Apt Elev 59

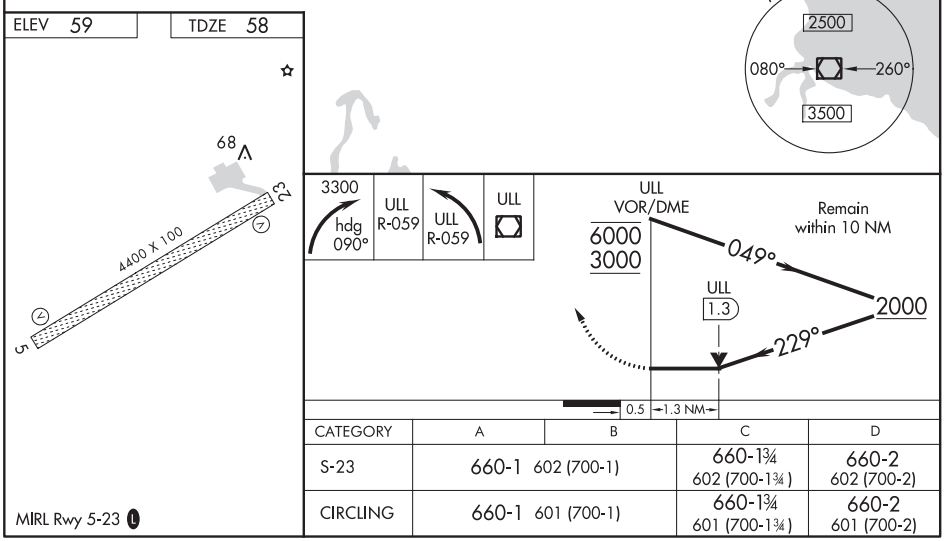
VOR RWY 23
SAVOONGA (SVA) (PASA)

Circling NA southeast of Rwy 5-23. When local altimeter setting not received, use Gambell altimeter setting and increase all MDA 100 feet, and increase S-23 Cat C-D and Circling Cat C-D visibility ¼ mile. VDP NA with Gambell altimeter setting.

MISSED APPROACH: Climbing right turn to 3300 via heading 090° and ULL VOR/DME R-059 then left turn via ULL VOR/DME R-059 to ULL VOR/DME and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.3	132.2 281.4	122.3	122.7 L





CATEGORY	A	B	C	D
S-23	660-1 602 (700-1)		660-1¾ 602 (700-1¾)	660-2 602 (700-2)
CIRCLING	660-1 601 (700-1)		660-1¾ 601 (700-1¾)	660-2 601 (700-2)

MIRL Rwy 5-23 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

SCAMMON BAY, ALASKA | AL-9463 (FAA) | 19115

APP CRS	Rwy ldg	3001
101°	TDZE	14
	Apt Elev	14

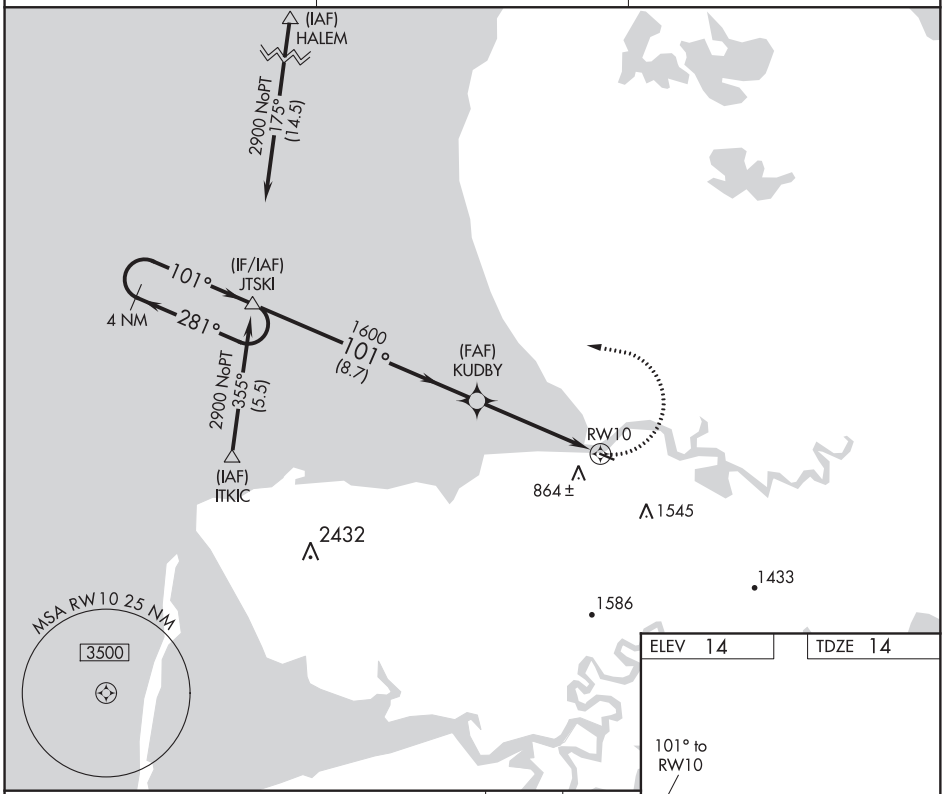
RNAV (GPS) RWY 10
SCAMMON BAY (SCM) (PACM)

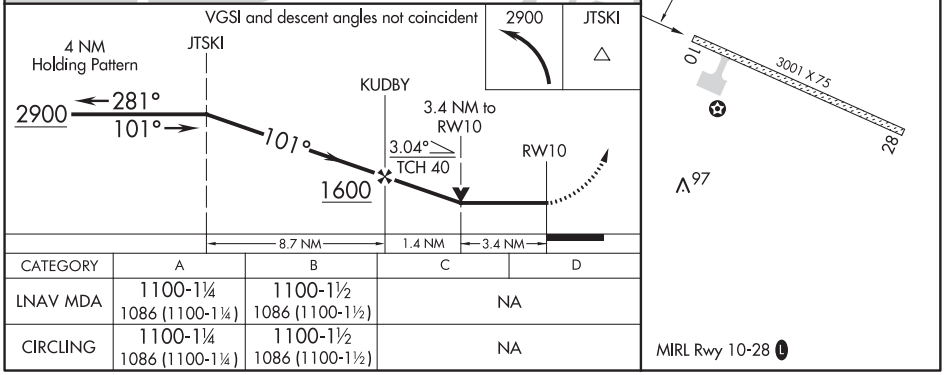
Circling NA south of Rwy 10-28. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Hooper Bay altimeter setting. When local altimeter setting not received, use Hooper Bay altimeter setting and increase all MDA 360 feet.

-21°C

MISSED APPROACH: Climbing left turn to 2900 direct JTSKI and hold.

AWOS-3P	ANCHORAGE CENTER	UNICOM
118.425	124.5	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1100-1¼ 1086 (1100-1¼)	1100-1½ 1086 (1100-1½)	NA	
CIRCLING	1100-1¼ 1086 (1100-1¼)	1100-1½ 1086 (1100-1½)	NA	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 42529 W28A	APP CRS 267°	Rwy ldg 3001 TDZE 14 Apt Elev 14

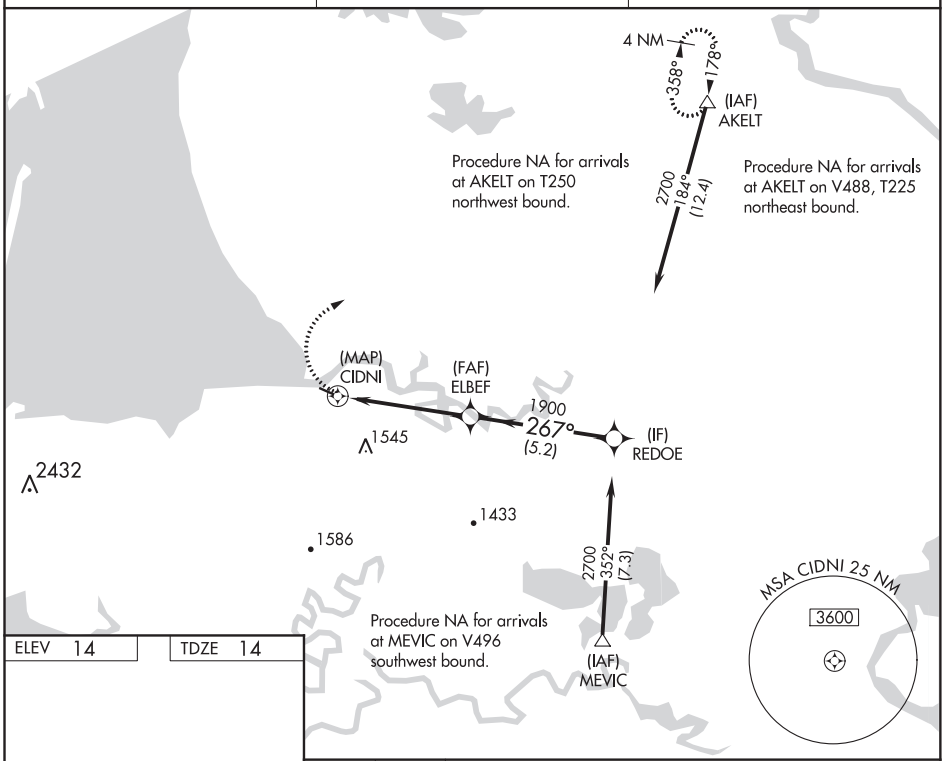
RNAV (GPS) RWY 28
SCAMMON BAY (SCM) (PACM)

-21°C

When local altimeter setting not received, use Hooper Bay altimeter setting and increase all MDA 360 feet increase LP Cat B visibility ¼ mile. Circling NA south of Rwy 10-28. DME/DME RNP-0.3 NA. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 4000 direct AKELT and hold.

AWOS-3P	ANCHORAGE CENTER	UNICOM
118.425	124.5	123.0 (CTAF) L



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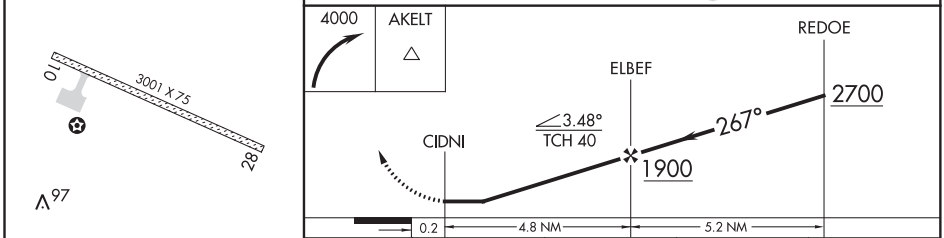
AK, 05 NOV 2020 to 31 DEC 2020

ELEV 14 | TDZE 14



CATEGORY	A	B	C	D
LP MDA	900-1¼ 886 (900-1¼)		NA	
LNAV MDA	1060-1¼ 1046 (1100-1¼)	1060-1½ 1046 (1100-1½)	NA	
CIRCLING	1060-1¼ 1046 (1100-1¼)	1060-1½ 1046 (1100-1½)	NA	

MIRL Rwy 10-28 L

SCAMMON BAY, ALASKA | AL-9463 (FAA) | 20310

RNAV (GPS)-B
SCAMMON BAY (SCM) (PACM)

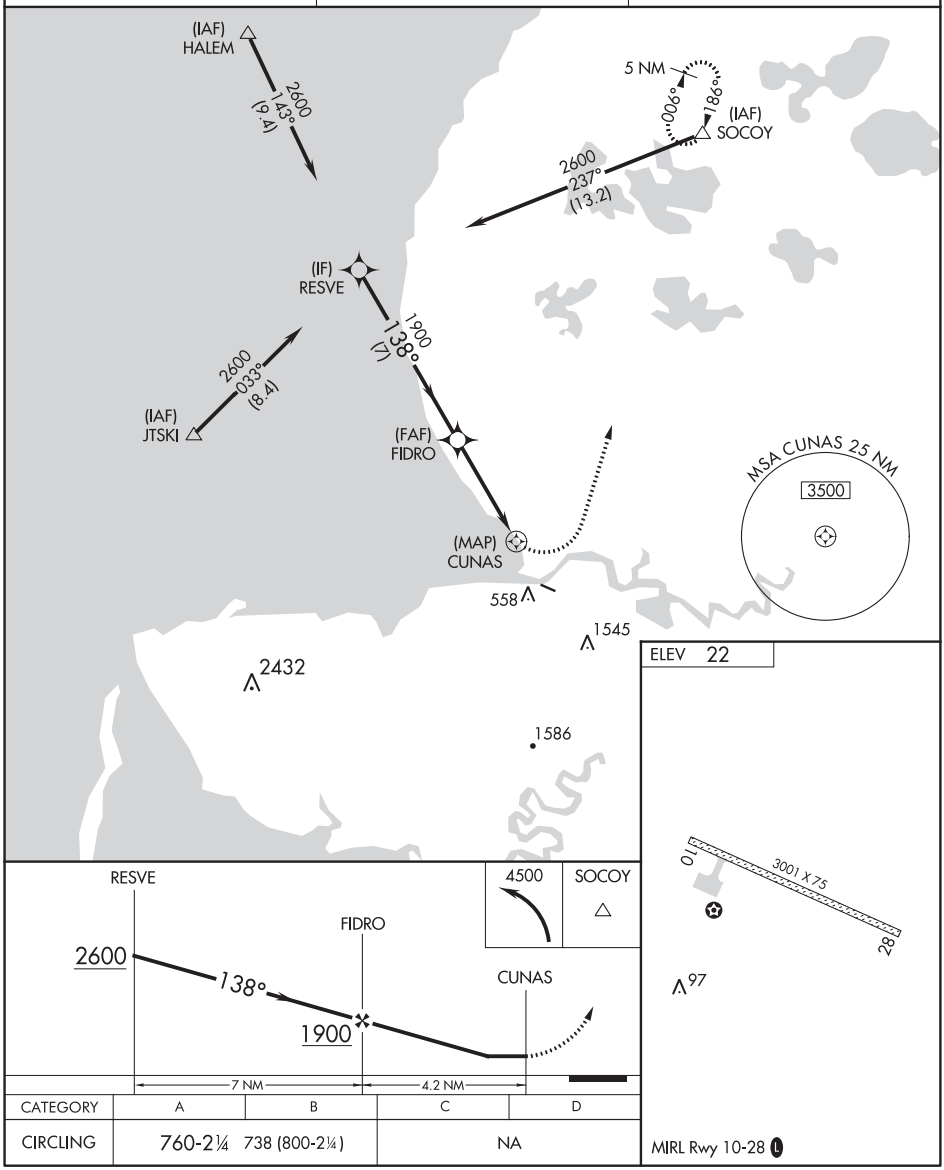
APP CRS	Rwy ldg	N/A
138°	TDZE	N/A
	Apt Elev	22

-21°C

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Hooper Bay altimeter setting and increase all MDA 360 feet. Circling NA south of Rwy 10-28.

MISSED APPROACH: Climbing left turn to 4500 direct SOCOY and hold, continue climb-in-hold to 4500.

AWOS-3P	ANCHORAGE CENTER	UNICOM
118.425	124.5	123.0 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	760-2¼ 738 (800-2¼)		NA	

MIRL Rwy 10-28 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	3002
037°	TDZE	17
	Apt Elev	17

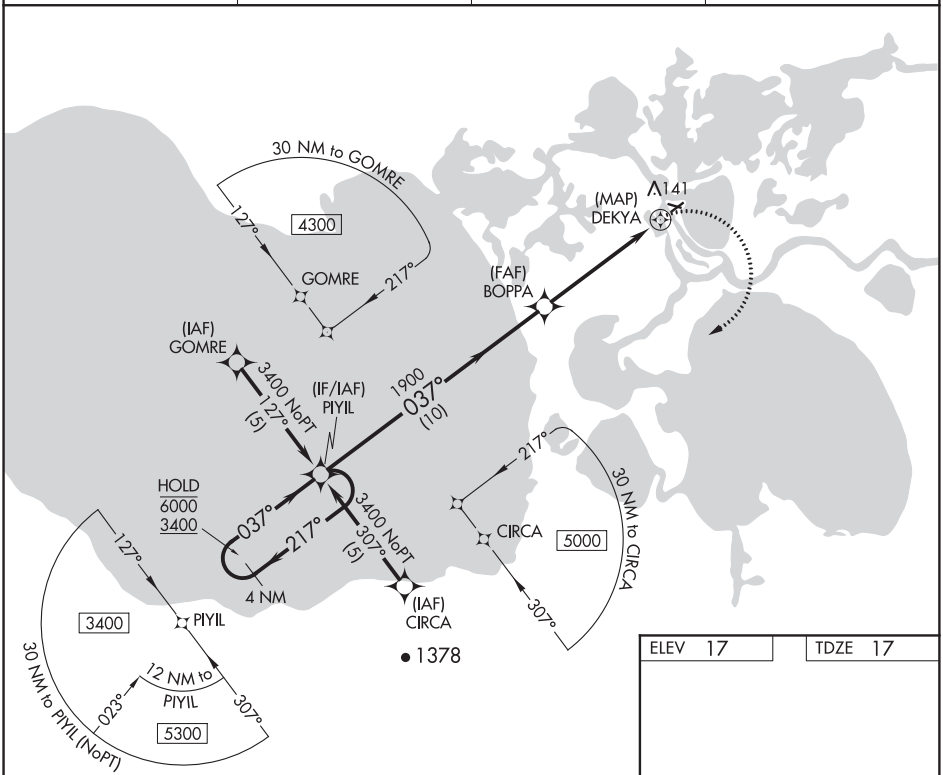
RNAV (GPS) RWY 4
SELAWIK (WLK) (PASK)

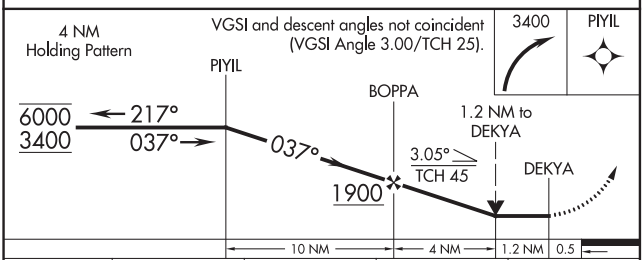
RNP APCH.

Circling Rwy 9, 27 NA at night.
-36°C Rwy 4 helicopter visibility reduction below ¾ SM NA.

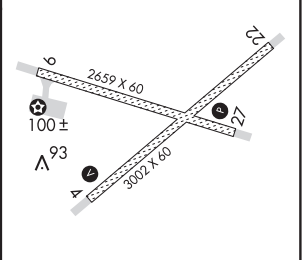
MISSED APPROACH: Climbing right turn to 3400 direct PIYIL and hold.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.65	119.2 263.0	122.5	122.7 L





CATEGORY	A	B	C	D
LNAV MDA	420-1	403 (500-1)	420-1¼	403 (500-1¼)
CIRCLING	480-1	463 (500-1)	480-1½ 463 (500-1½)	580-2 563 (600-2)



MIRL Rwys 9-27 and 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020

SELAWIK, ALASKA
Orig-D 28FEB19
66°36′N-159°59′W
449
SELAWIK (WLK) (PASK)
RNAV (GPS) RWY 4

SELAWIK, ALASKA | AL-9207 (FAA) | 19059

RNAV (GPS) RWY 27
SELAWIK (WLK) (PASK)

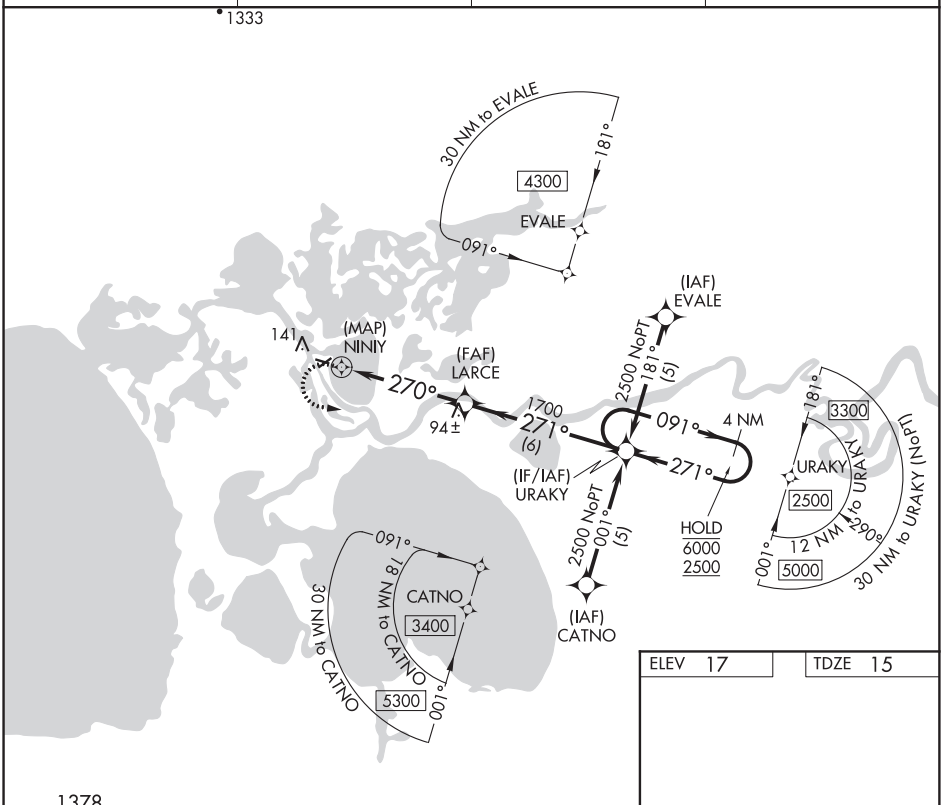
APP CRS	Rwy ldg	2659
270°	TDZE	15
	Apt Elev	17

RNP APCH.

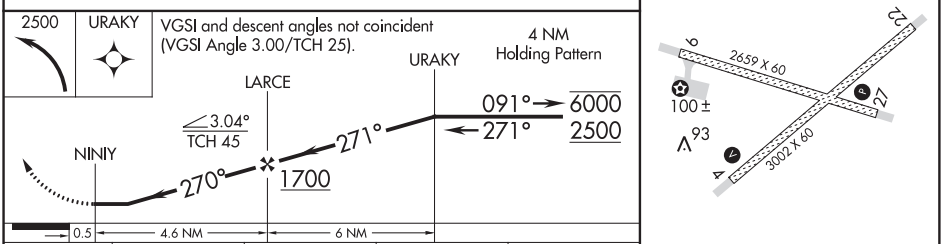
-36°C Rwy 27 helicopter visibility reduction below 1 SM NA. Straight-in and Circling Rwy 27 NA at night, Circling Rwy 9 NA at night.

MISSED APPROACH: Climbing left turn to 2500 direct URAKY and hold.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.65	119.2 263.0	122.5	122.7 L



ELEV 17 | TDZE 15



CATEGORY	A	B	C	D
LNAV MDA	420-1 405 (500-1)		420-1¼ 405 (500-1¼)	
CIRCLING	480-1 463 (500-1)		480-1½ 463 (500-1½)	580-2 563 (600-2)

MIRL Rwys 9-27 and 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	3002
217°	TDZE	17
	Apt Elev	17

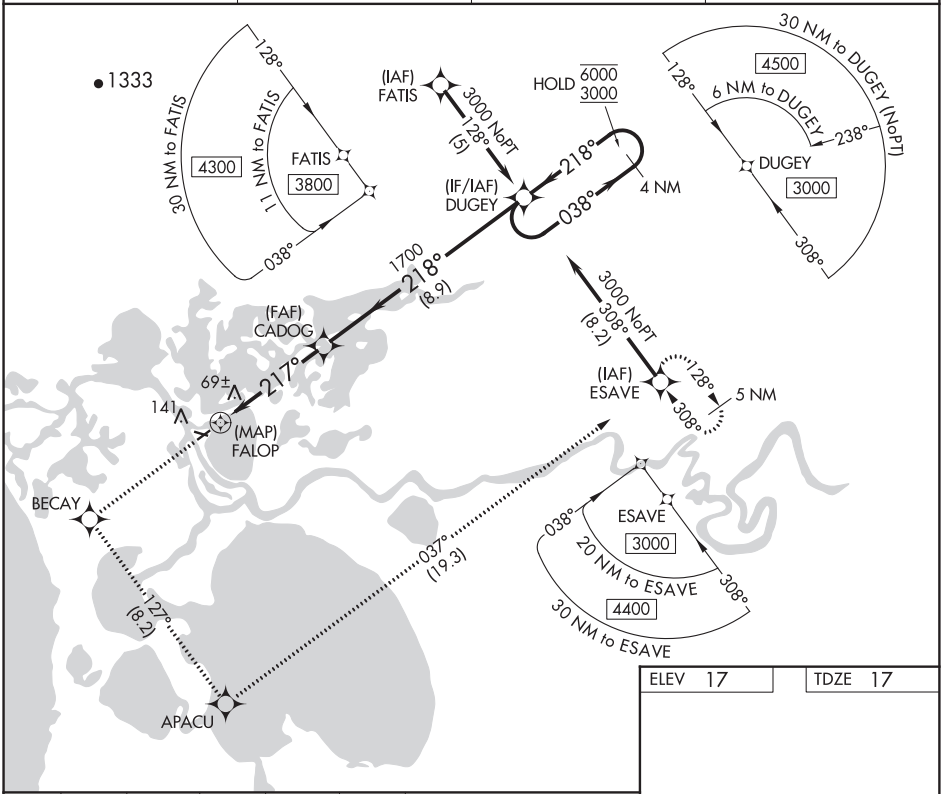
RNAV (GPS) Y RWY 22
SELAWIK (WLK) (PASK)

RNP APCH.

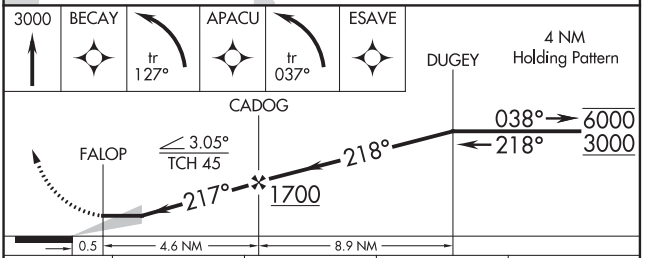
-36°C Circling Rwy 9, 27 NA at night.

MISSED APPROACH: Climb to 3000 direct BECAY and left turn on track 127° to APACU and left turn on track 037° to ESAVE and hold.

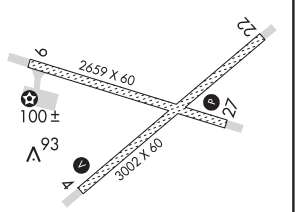
AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.65	119.2 263.0	122.5	122.7 L



3000	BECAY	tr 127°	APACU	tr 037°	ESAVE



ELEV 17 TDZE 17



MIRL Rwys 9-27 and 4-22 L

CATEGORY	A	B	C	D
LNAV MDA	320-1 303 (400-1)			
CIRCLING	480-1 463 (500-1)		480-1½ 463 (500-1½)	580-2 563 (600-2)

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AK, 05 NOV 2020 to 31 DEC 2020

SELAWIK, ALASKA | AL-9207 (FAA) | 19059

WAAS CH 40404 W22A	APP CRS 217°	Rwy ldg 3002 TDZE 17 Apt Elev 17

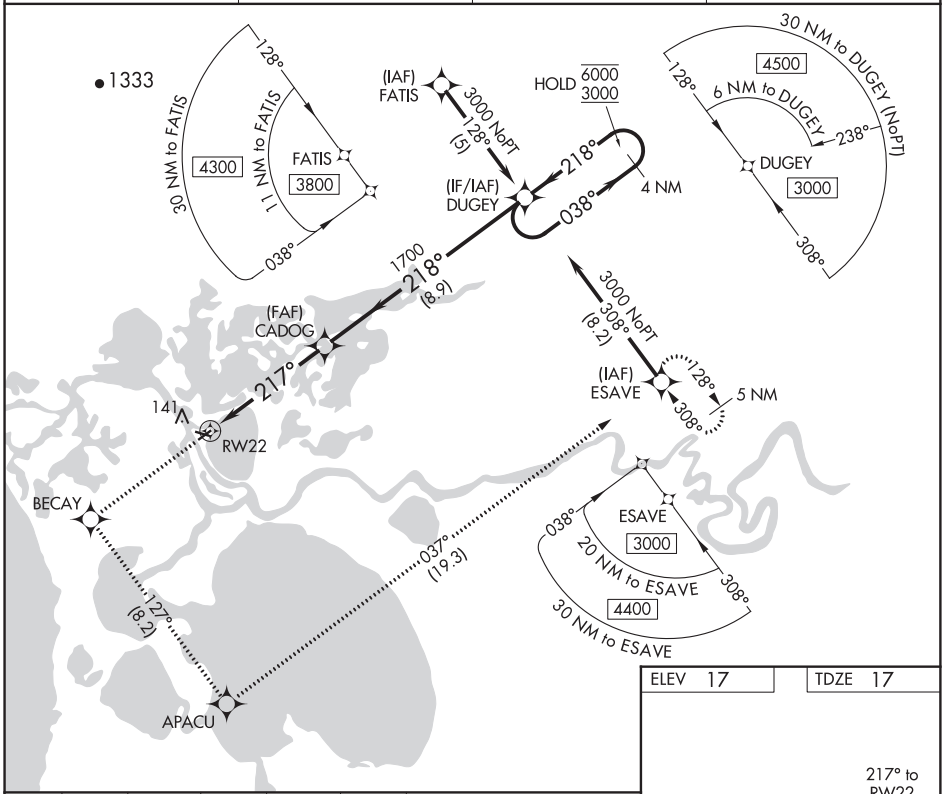
RNAV (GPS) Z RWY 22
SELAWIK (WLK) (PASK)

RNP APCH.

-36°C For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 49°C.

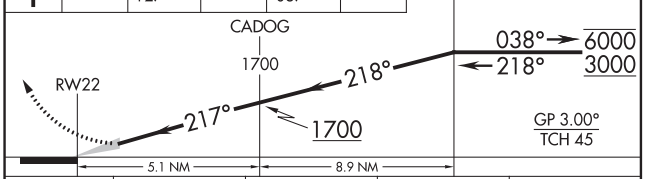
MISSED APPROACH: Climb to 3000 direct BECAY and left turn on track 127° to APACU and left turn on track 037° to ESAVE and hold.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.65	119.2 263.0	122.5	122.7 L



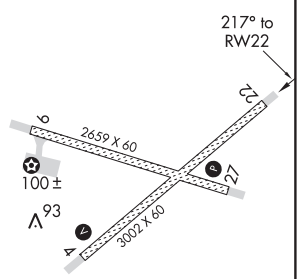
3000	BECAY	tr 127°	APACU	tr 037°	ESAVE

4 NM Holding Pattern



CATEGORY	A	B	C	D
LPV DA	267-1 250 (300-1)			
LNAV/VNAV DA	364-1¼ 347 (400-1¼)			

ELEV 17 | TDZE 17



MIRL Rwys 9-27 and 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

VOR/DME WLK 114.2 Chan 89	APP CRS 029°	Rwy ldg 3002 TDZE 17 Apt Elev 17

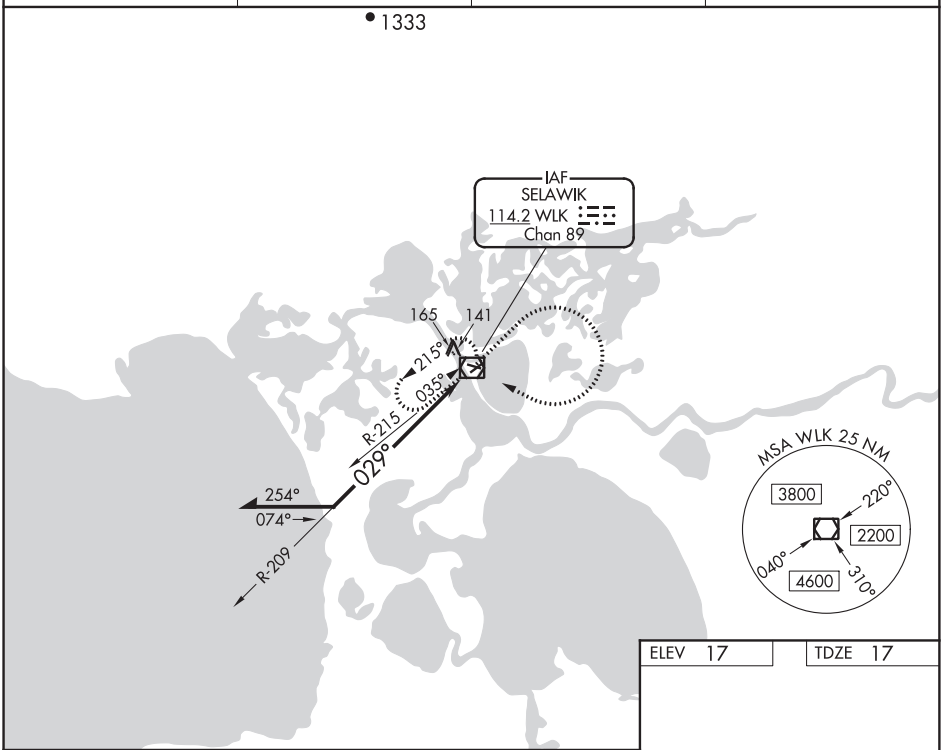
VOR RWY 4
SELAWIK (WLK) (PASK)

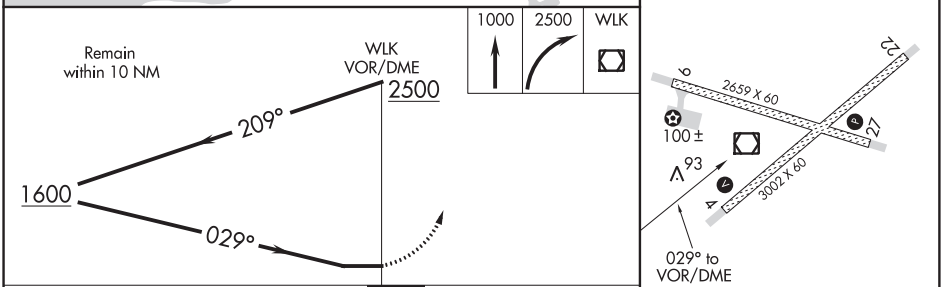
-36°C

Rwy 4 helicopter visibility reduction below ¾ SM NA.
Circling Rwy 9, 27 NA at night.

MISSED APPROACH: Climb to 1000 then climbing right turn to 2500 direct WLK VOR/DME and hold, continue climb-in-hold to 2500.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.65	119.2 263.0	122.5	122.7 L





ELEV 17 TDZE 17

CATEGORY	A	B	C	D
S-4	520-1 503 (600-1)		520-1½ 503 (600-1½)	
CIRCLING	520-1 503 (600-1)		520-1½ 503 (600-1½)	580-2 563 (600-2)

MIRL Rwys 9-27 and 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

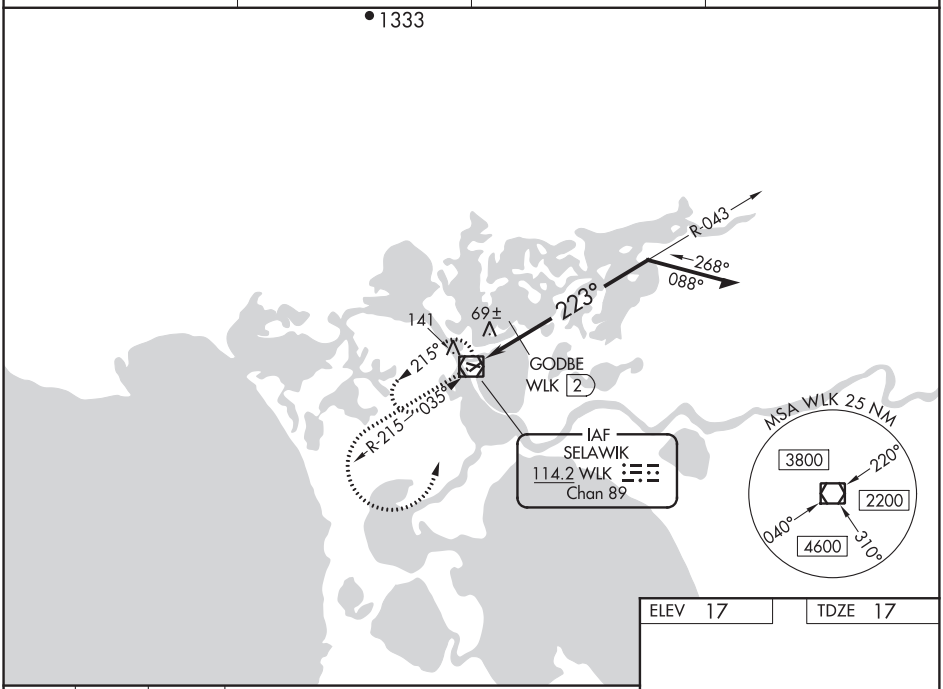
VOR/DME WLK 114.2 Chan 89	APP CRS 223°	Rwy ldg 3002 TDZE 17 Apt Elev 17

VOR RWY 22
SELAWIK (WLK) (PASK)

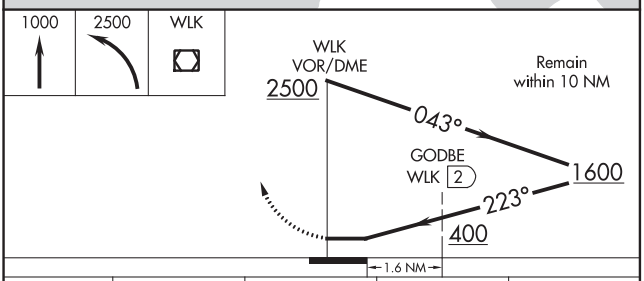
-36°C Circling Rwy 9, 27 NA at night.

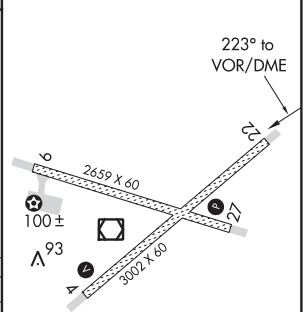
MISSED APPROACH: Climb to 1000 then climbing left turn to 2500 direct WLK VOR/DME and hold, continue climb-in-hold to 2500.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
135.65	119.2 263.0	122.5	122.7 L



ELEV 17 TDZE 17





CATEGORY	A	B	C	D
S-22	400-1	383 (400-1)	400-1¼	383 (400-1¼)
CIRCLING	480-1	463 (500-1)	480-1½ 463 (500-1½)	580-2 563 (600-2)
GODBE FIX MINIMUMS				
S-22	340-1	323 (400-1)		
CIRCLING	480-1	463 (500-1)	480-1½ 463 (500-1½)	580-2 563 (600-2)

MIRL Rwys 9-27 and 4-22 L

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	N/A
166°	TDZE	N/A
	Apt Elev	22

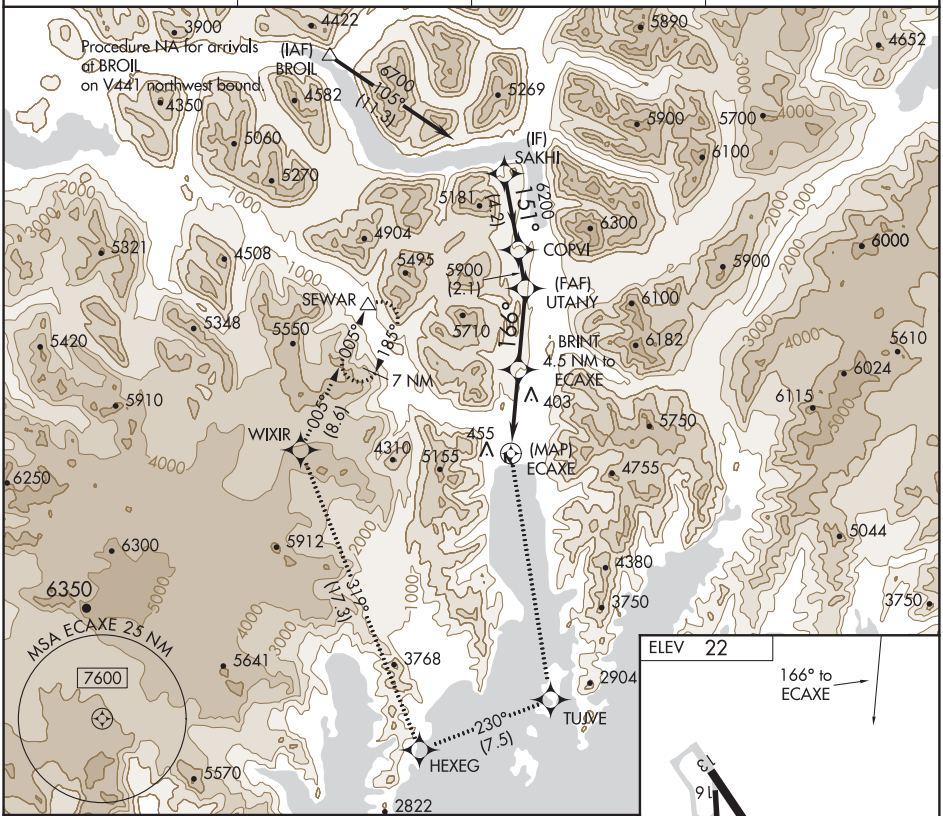
RNAV (GPS)-A
SEWARD (SWD) (PAWD)

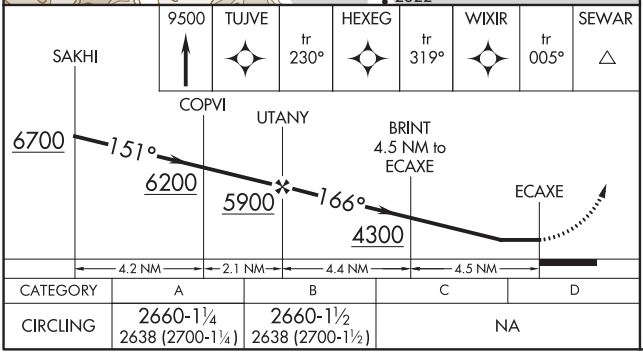
When local altimeter setting not received, procedure NA. Circling NA southwest of Rwys 13 and 34. Procedure NA at night. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA.

-4°C

MISSED APPROACH: Climb to 9500 direct TUJVE and on track 230° to HEXEG and on track 319° to WIXIR and on track 005° to SEWAR and hold.

ASOS	ANCHORAGE CENTER	KENAI RADIO	CTAF
135.2	119.7 269.0	122.6	122.9 L





CATEGORY	A	B	C	D
CIRCLING	2660-1¼ 2638 (2700-1¼)	2660-1½ 2638 (2700-1½)	NA	

AK, 05 NOV 2020 to 31 DEC 2020

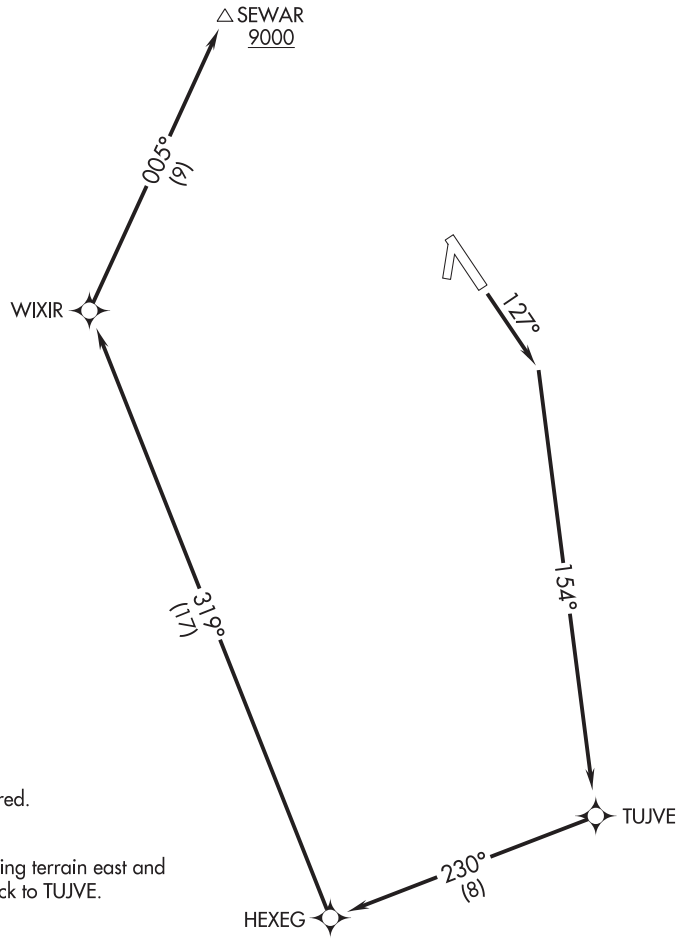
AK, 05 NOV 2020 to 31 DEC 2020

(SEWAR1.SEWAR) 17229

SEWAR ONE DEPARTURE (OBSTACLE) (RNAV)

SEWARD (SWD)(PAWD)
AL-10600 (FAA) SEWARD, ALASKA

ANCHORAGE CENTER
119.7 269.0
KENAI RADIO
122.6
CTAF
122.9



NOTE: GPS required.

NOTE: RNAV 1.

NOTE: Rapidly rising terrain east and west of track to TUJVE.

TAKEOFF MINIMUMS

Rwy 31, 34, 16: NA- Terrain.
Rwy 13: Standard with minimum climb of 490′ per NM to 2700.

TAKEOFF OBSTACLE NOTES

Rwy 13: Terrain beginning 49′ from DER, 14′ left of centerline, up to 36′ MSL.
Terrain beginning 135′ from DER, 142′ right of centerline, up to 23′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb to 9000 on heading 127° to intercept course 154° to TUJVE, and on track 230° to HEXEG, and on track 319° to WIXIR, and on track 005° to SEWAR before proceeding on course.

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH **45610** **W16A**	APP CRS **165°**	Rwy ldg **3400** TDZE **79** Apt Elev **79**

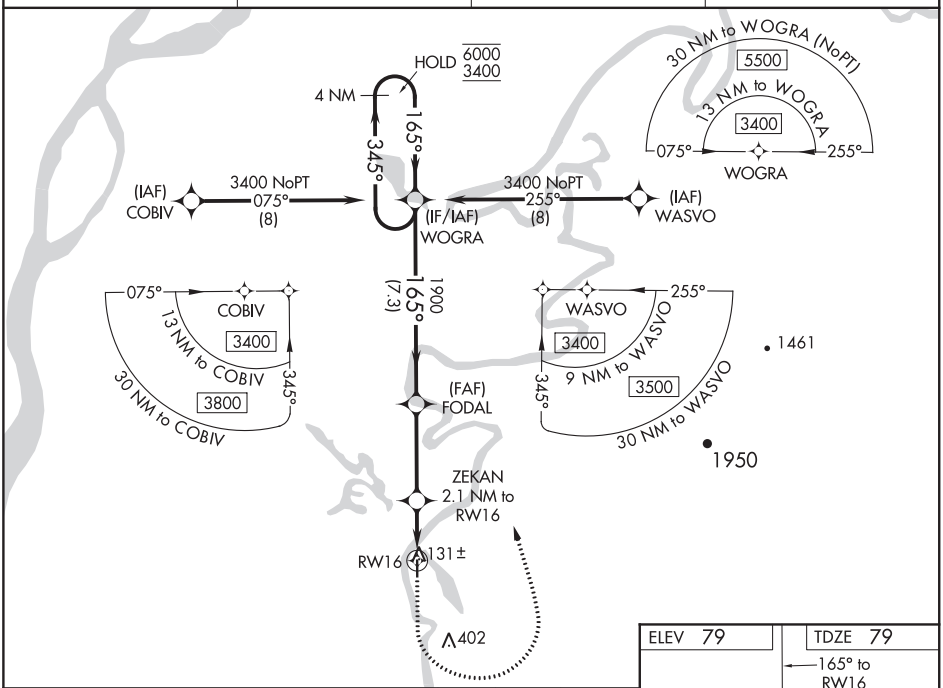
RNAV (GPS) RWY 16
SHAGELUK (SHX) (PAHX)

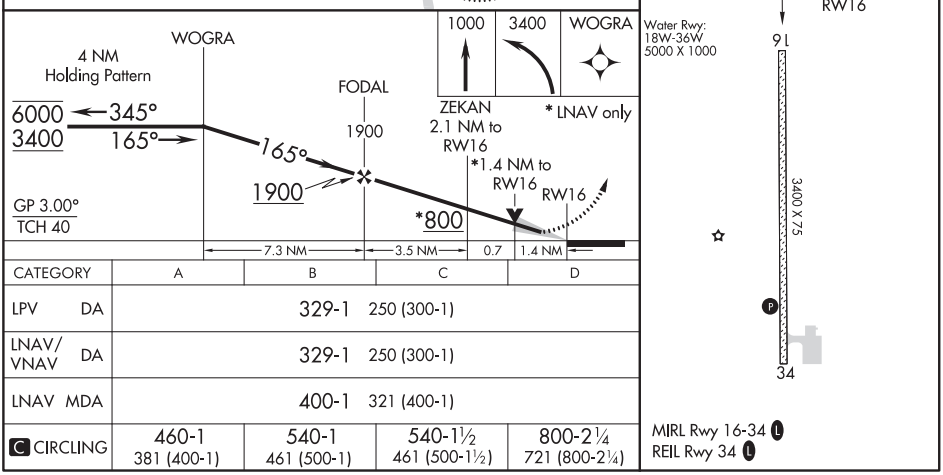
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 54°C.
Circling NA for Cats C and D east of Rwy 16-34.
-37°C

MISSED APPROACH: Climb to 1000 then climbing left turn to 3400 direct WOGRA and hold.

AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	UNICOM
121.575	**135.7 335.5**	**122.4**	**122.8** (CTAF) L





CATEGORY	A	B	C	D
LPV DA	329-1 250 (300-1)			
LNAV/VNAV DA	329-1 250 (300-1)			
LNAV MDA	400-1 321 (400-1)			
C CIRCLING	460-1 381 (400-1)	540-1 461 (500-1)	540-1½ 461 (500-1½)	800-2¼ 721 (800-2¼)

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SHAGELUK, ALASKA | AL-10253 (FAA) | 19339

RNAV (GPS) RWY 34
SHAGELUK (SHX) (PAHX)

WAAS CH 72643 W34A	APP CRS 345°	Rwy ldg 3400 TDZE 79 Apt Elev 79

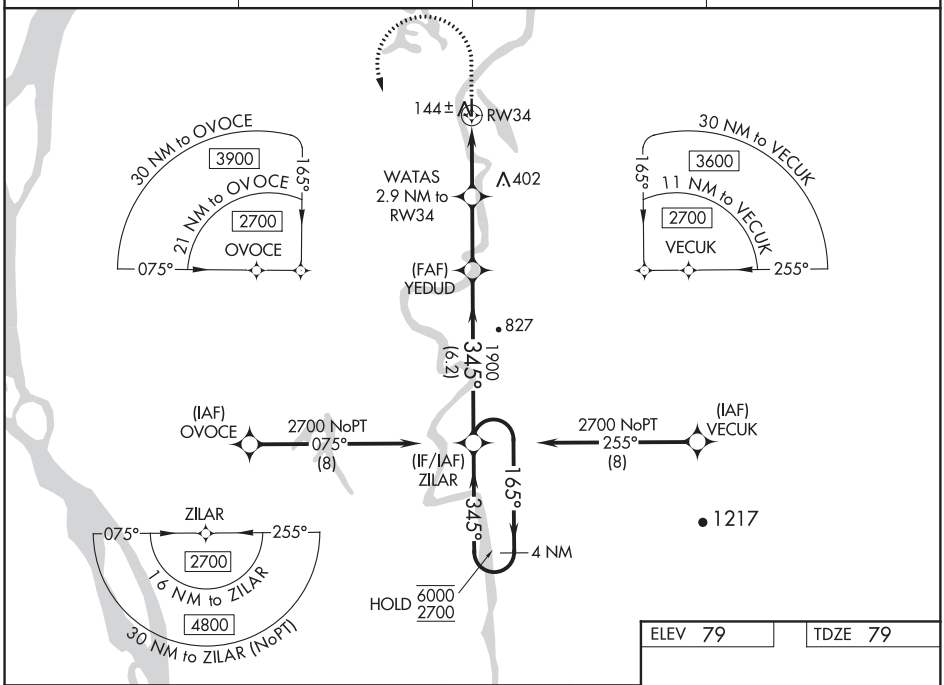
RNP APCH.

Rwy 34 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C. Circling NA for Cats C and D east of Rwy 16-34.

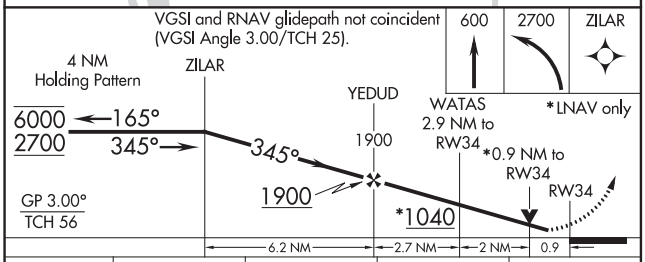
-37°C

MISSED APPROACH: Climb to 600 then climbing left turn to 2700 direct ZILAR and hold.

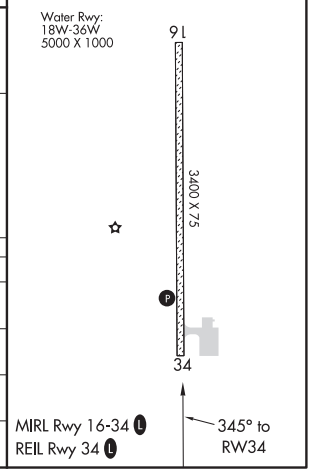
AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	UNICOM
121.575	135.7 335.5	122.4	122.8 (CTAF) L



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).



ELEV 79 | TDZE 79



CATEGORY	A	B	C	D
LPV DA	329-1 250 (300-1)			
LNAV/VNAV DA	329-1 250 (300-1)			
LNAV MDA	400-1 321 (400-1)			
C CIRCLING	460-1 381 (400-1)	540-1 461 (500-1)	540-1½ 461 (500-1½)	800-2¼ 721 (800-2¼)

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WAAS CH **63013** **W15A**	APP CRS **147°**	Rwy ldg **4001** TDZE **21** Apt Elev **24**

RNAV (GPS) RWY 15
SHAKTOOLIK (2C7) (PFSH)

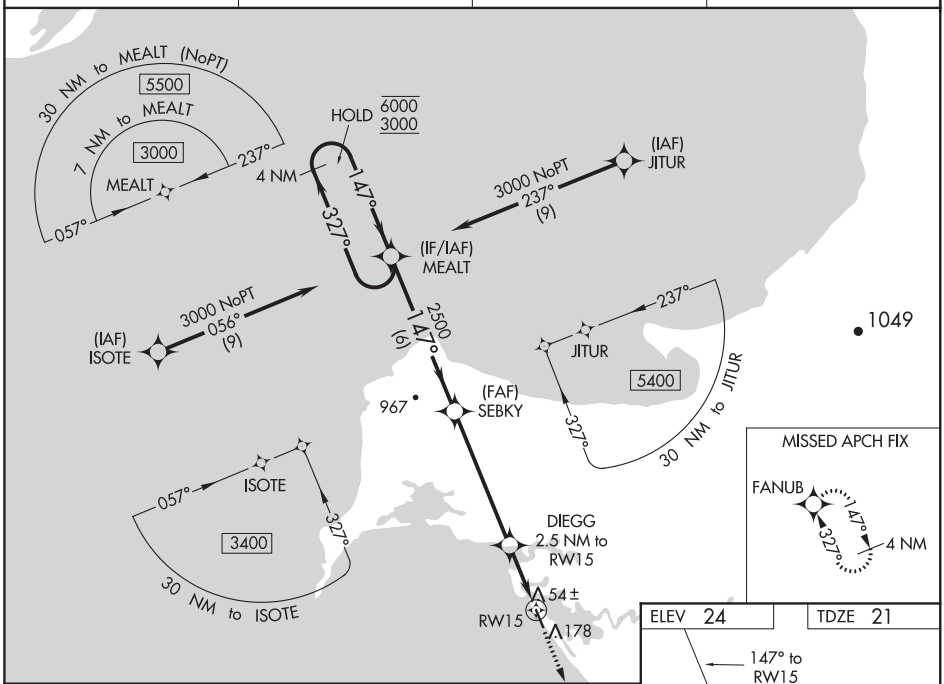
RNP APCH.

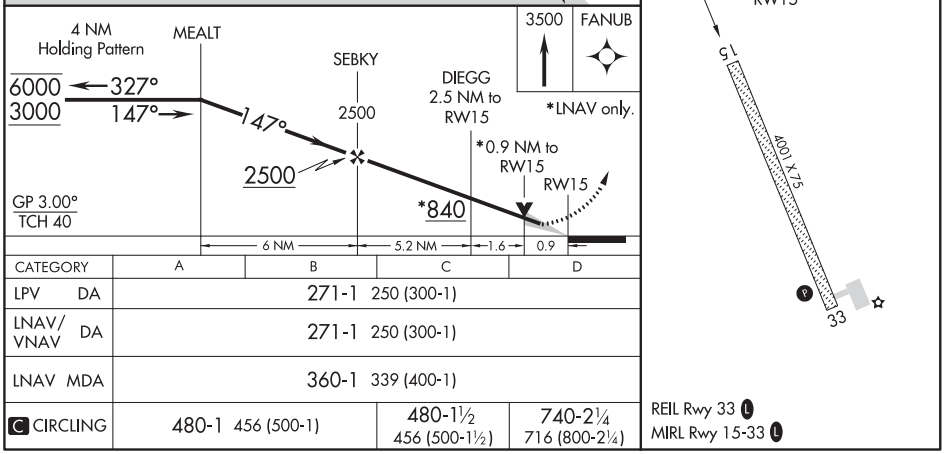
Baro-VNAV and VDP NA when using Unalakeet altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. When local altimeter setting not received use Unalakleet altimeter setting and increase all DA 72 feet and all MDA 80 feet; increase LNAV Cats C and D visibility ⅛ SM, and Circling Cat D visibility ¼ SM.

-35°C

MISSED APPROACH: Climb to 3500 direct FANUB and hold, continue climb-in-hold to 3500.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	UNICOM
124.175	**135.7 335.5**	**122.3**	**122.8** (CTAF) L





CATEGORY	A	B	C	D
LPV DA	271-1 250 (300-1)			
LNAV/VNAV DA	271-1 250 (300-1)			
LNAV MDA	360-1 339 (400-1)			
C CIRCLING	480-1 456 (500-1)	480-1½ 456 (500-1½)	740-2¼ 716 (800-2¼)	

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SHAKTOOLIK, ALASKA | AL-10167 (FAA) | 20310

WAAS CH 69413 W33A	APP CRS 327°	Rwy ldg 4001 TDZE 24 Apt Elev 24

RNAV (GPS) RWY 33
SHAKTOOLIK (2C7) (PFSH)

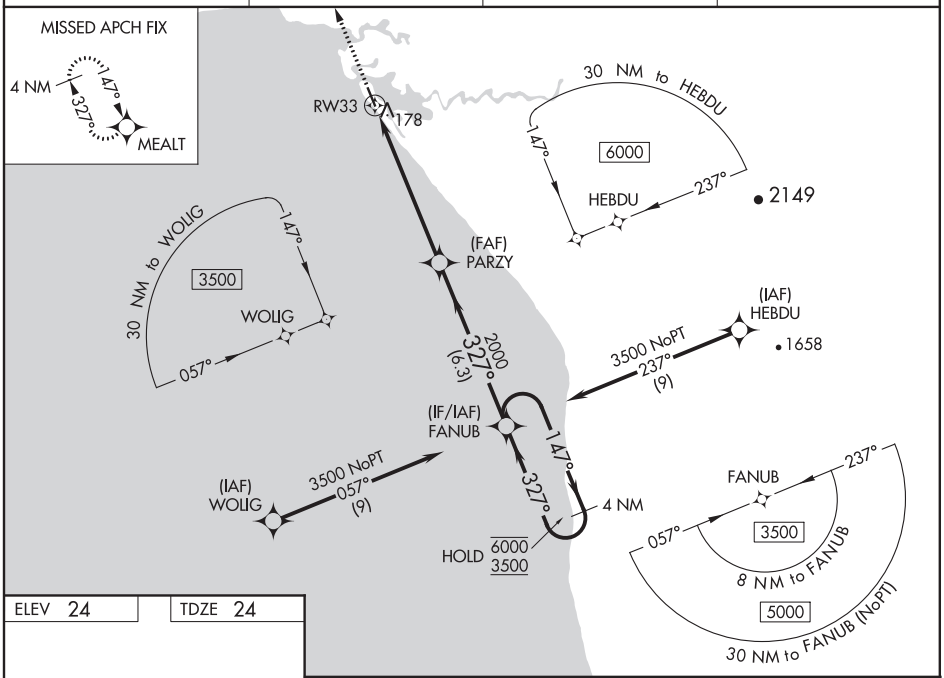
RNP APCH.

T A -35°C

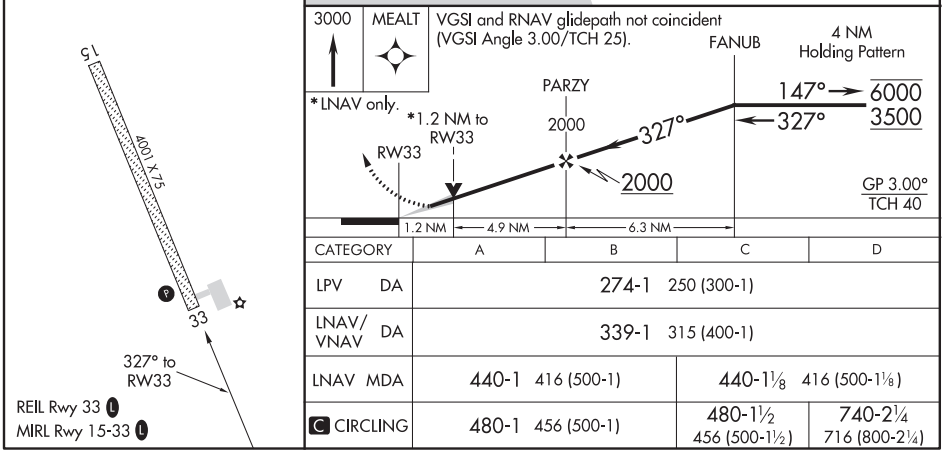
Baro-VNAV and VDP NA when using Unalakleet altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. When local altimeter setting not received, use Unalakleet altimeter setting and increase all DA 72 feet and all MDA 80 feet and increase LNAV/VNAV all Cats visibility ⅛ SM and LNAV Cat C and D and Circling Cat D visibility ¼ SM.

MISSED APPROACH: Climb to 3000 direct MEALT and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	UNICOM
124.175	135.7 335.5	122.3	122.8 (CTAF) L



ELEV 24 | TDZE 24



CATEGORY	A	B	C	D
LPV DA	274-1 250 (300-1)			
LNAV/VNAV DA	339-1 315 (400-1)			
LNAV MDA	440-1 416 (500-1)		440-1⅛ 416 (500-1⅛)	
C CIRCLING	480-1 456 (500-1)		480-1½ 456 (500-1½)	740-2¼ 716 (800-2¼)

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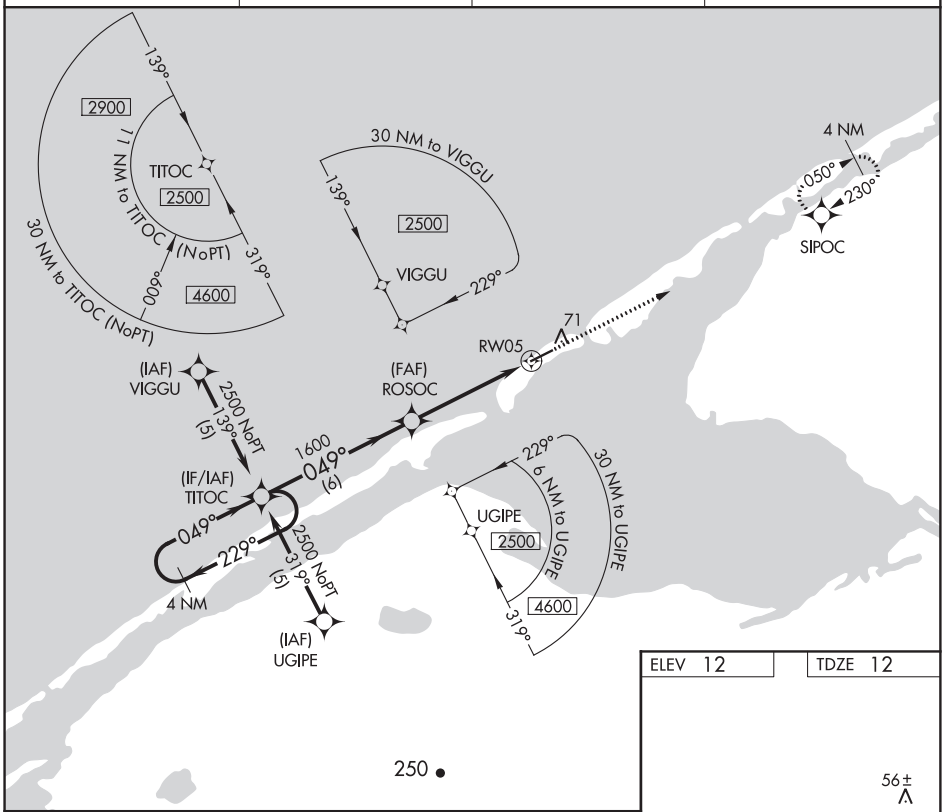
APP CRS	Rwy ldg	4997
049°	TDZE	12
	Apt Elev	12

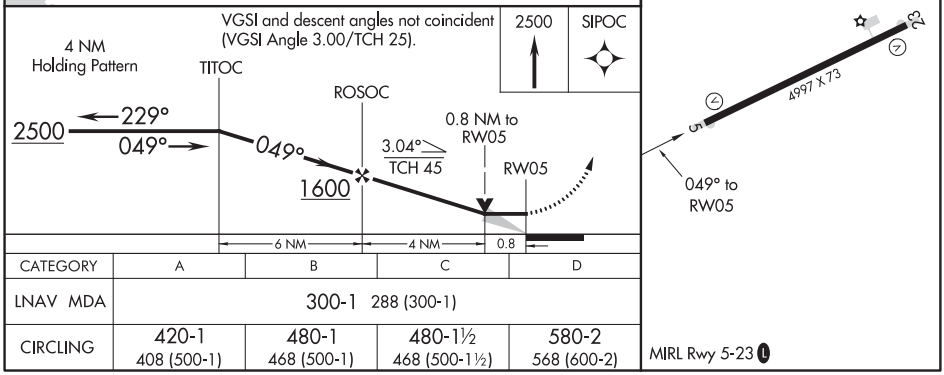
RNAV (GPS) RWY 5
SHISHMAREF (SHH) (PASH)

DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2500 direct SIPOC and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.1	119.2 263.0	122.4	123.0 L





CATEGORY	A	B	C	D
LNAV MDA	300-1 288 (300-1)			
CIRCLING	420-1 408 (500-1)	480-1 468 (500-1)	480-1½ 468 (500-1½)	580-2 568 (600-2)

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AK, 05 NOV 2020 to 31 DEC 2020

SHISHMAREF, ALASKA | AL-6904 (FAA) | 20310

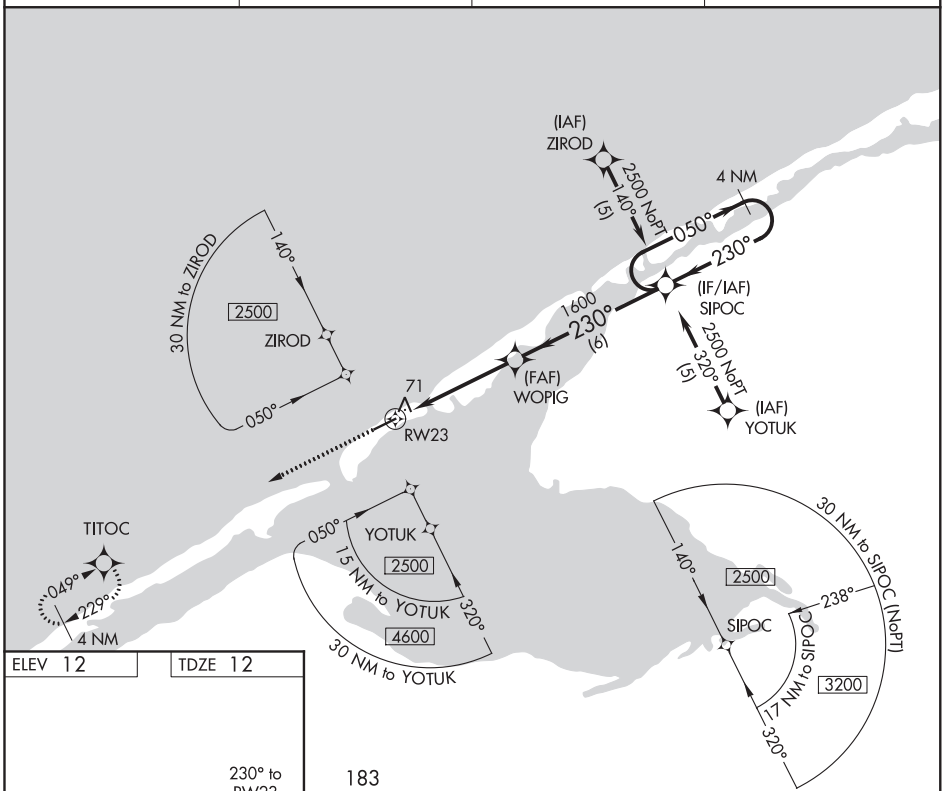
RNAV (GPS) RWY 23
SHISHMAREF (SHH) (PASH)

APP CRS	Rwy ldg	4997
230°	TDZE	12
	Apt Elev	12

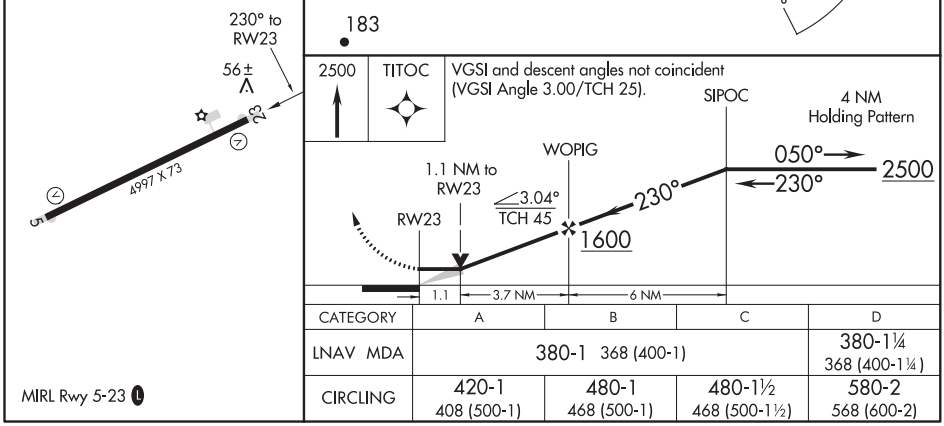
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2500 direct TITOC and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.1	119.2 263.0	122.4	123.0 L



ELEV 12 | TDZE 12



CATEGORY	A	B	C	D
LNAV MDA	380-1 368 (400-1)			380-1¼ 368 (400-1¼)
CIRCLING	420-1 408 (500-1)	480-1 468 (500-1)	480-1½ 468 (500-1½)	580-2 568 (600-2)

MIRL Rwy 5-23 L

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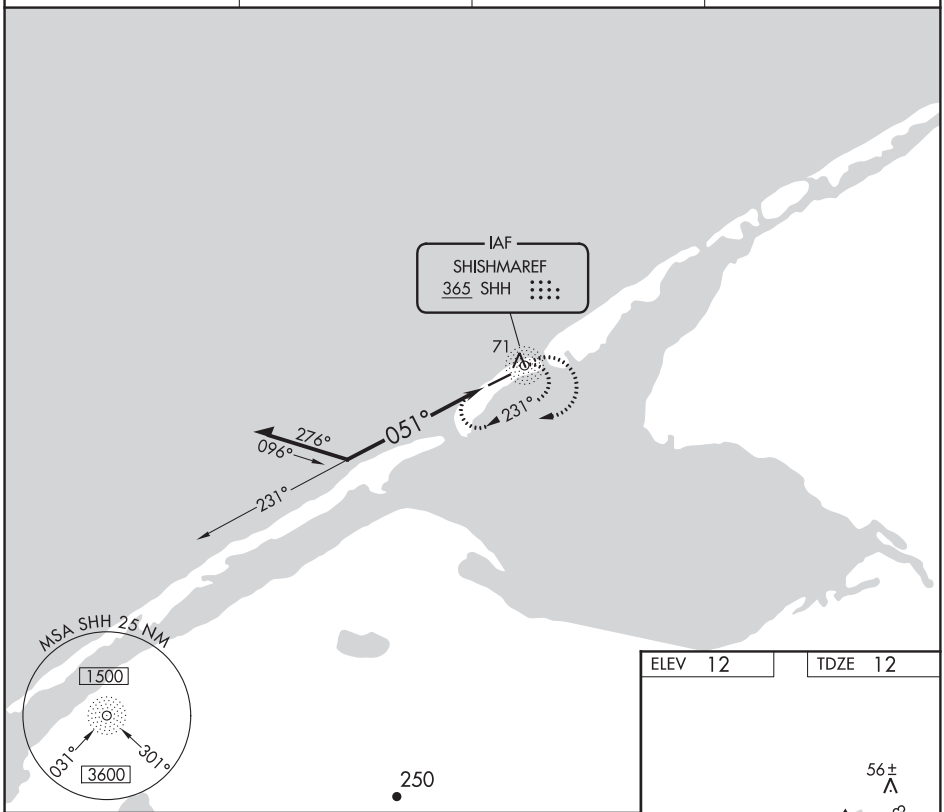
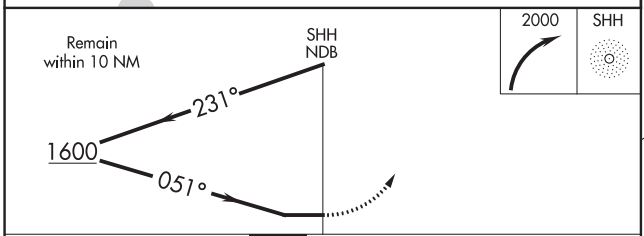
NDB SHH	APP CRS	Rwy ldg	4997
365	051°	TDZE	12
		Apt Elev	12

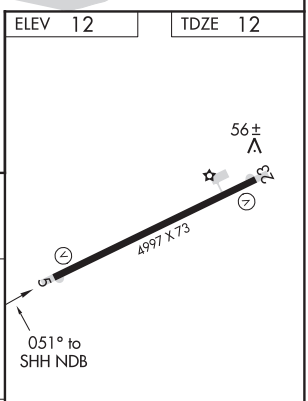
NDB RWY 5
SHISHMAREF (SHH) (PASH)

MISSED APPROACH: Climbing right turn to 2000 in SHH NDB holding pattern.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.1	119.2 263.0	122.4	123.0 L







CATEGORY	A	B	C	D
S-5	460-1 448 (500-1)		460-1¼ 448 (500-1¼)	460-1½ 448 (500-1½)
CIRCLING	460-1 448 (500-1)		480-1½ 468 (500-1½)	580-2 568 (600-2)

MIRL Rwy 5-23 L

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SHUNGNAK, ALASKA | AL-10172 (FAA) | 20254

RNAV (GPS) RWY 10
SHUNGNAK (SHG)(PAGH)

WAAS CH 50226 W10A	APP CRS 103°	Rwy ldg 4001 TDZE 192 Apt Elev 205

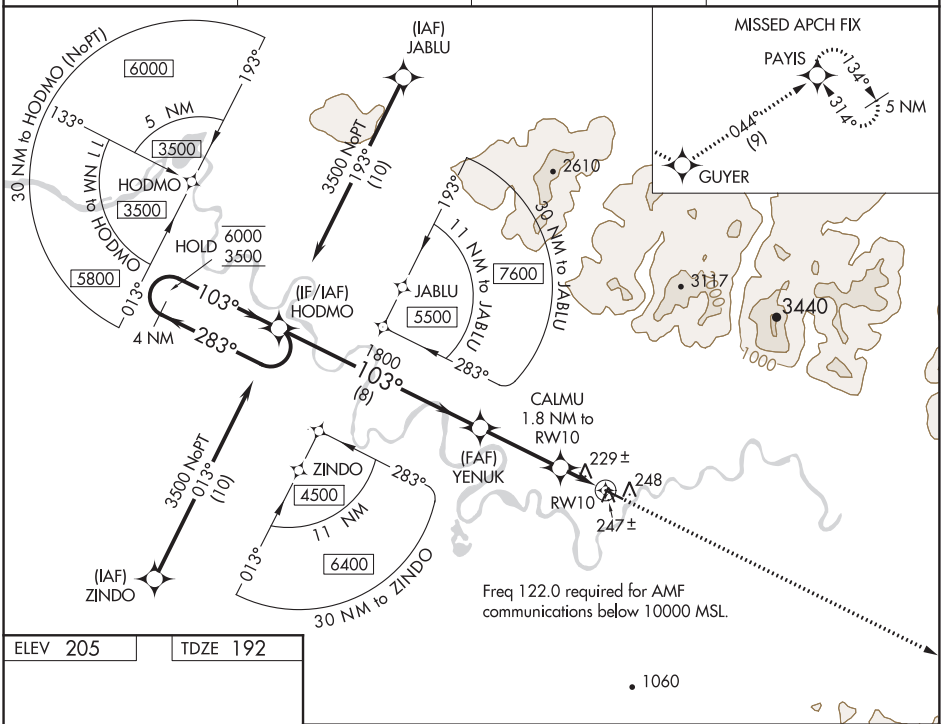
RNP APCH

Circling to Rwy 28 NA at night.

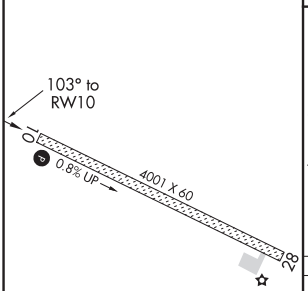
-36°C

MISSED APPROACH: Climb to 6000 direct GUYER and on track 044° to PAYIS and hold, continue climb-in-hold to 6000.

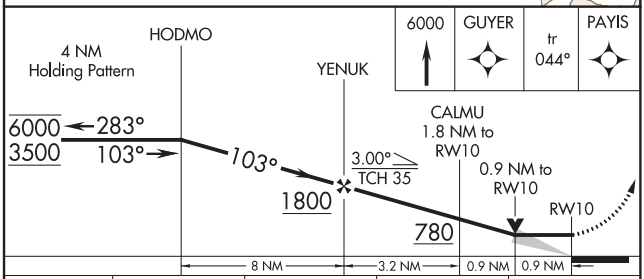
AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
118.525	119.2	122.0	122.7



ELEV 205 | TDZE 192



MIRL Rwy 10-28



CATEGORY	A	B	C	D
LP MDA	480-1 288 (300-1)			NA
LNAV MDA	540-1 348 (400-1)			NA
C CIRCLING	600-1 395 (400-1)	660-1 455 (500-1)	660-1½ 455 (500-1½)	NA

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WAAS CH 40126 W28A	APP CRS 284°	Rwy ldg 4001 TDZE 205 Apt Elev 205

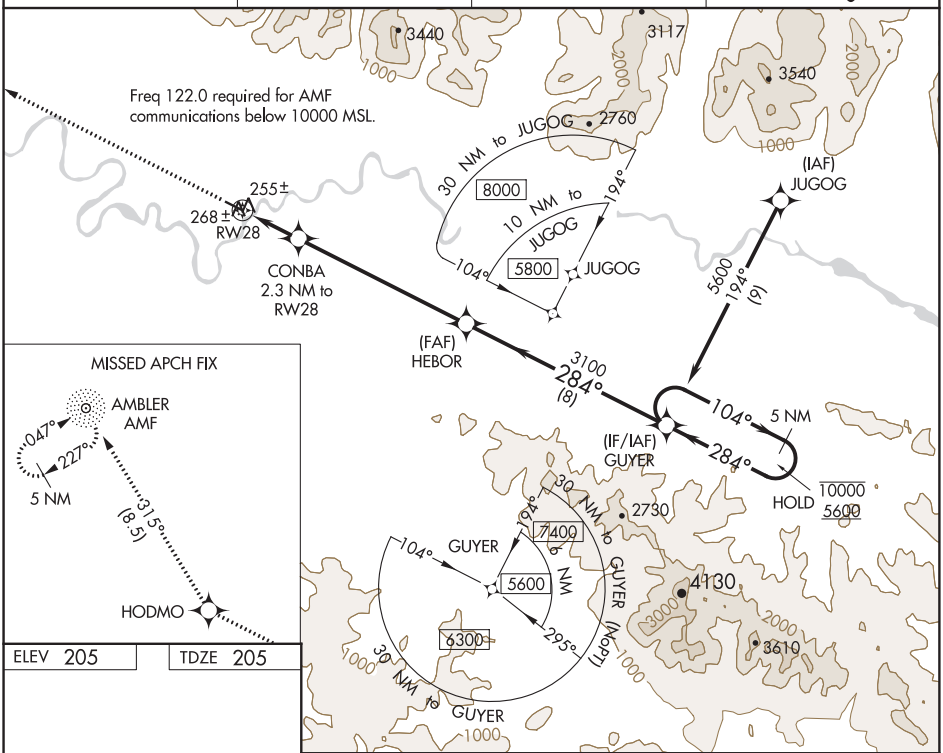
RNAV (GPS) RWY 28
SHUNGNAK (SHG)(PAGH)

RNP APCH

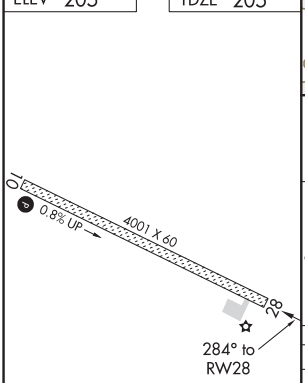
Rwy 28 helicopter visibility reduction below 1 SM NA.
Rwy 28 Straight-in and Circling minimums NA at night.
-36°C

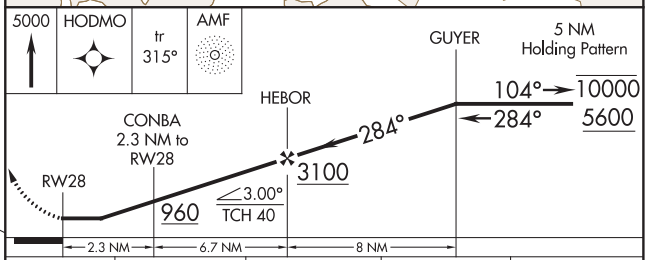
MISSED APPROACH: Climb to 5000 direct HODMO and on track 315° to AMF NDB and hold, continue climb-in-hold to 5000.

AWOS-3P	ANCHORAGE CENTER	KOTZEBUE RADIO	CTAF
118.525	119.2	122.0	122.7 L



ELEV 205 TDZE 205





CATEGORY	A	B	C	D
LP MDA	540-1 335 (400-1)			NA
LNAV MDA	540-1 335 (400-1)			NA
C CIRCLING	600-1 395 (400-1)	660-1 455 (500-1)	660-1½ 455 (500-1½)	NA

MIRL Rwy 10-28 L

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(AMBLR3.AMF) 19339

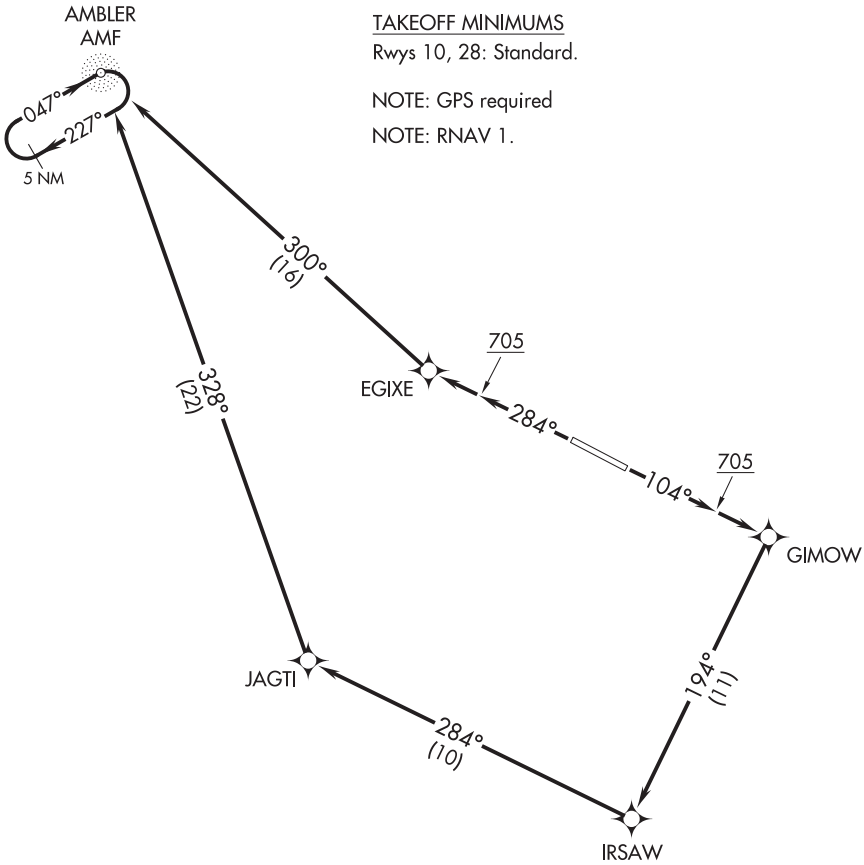
AMBLR THREE DEPARTURE (RNAV)

AL-10172 (FAA)

SHUNGNAK (SHG) (PAGH)
SHUNGNAK, ALASKA

TOP ALTITUDE: ASSIGNED BY ATC

ANCHORAGE CENTER
119.2 263.0
CTAF
122.7



TAKEOFF MINIMUMS
Rwys 10, 28: Standard.

NOTE: GPS required

NOTE: RNAV 1.

NOTE: Chart not to scale.

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DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10: Climb on heading 104° to 705, then direct GIMOW then on depicted route, thence. . .

TAKEOFF RUNWAY 28: Climb on heading 284° to 705, then direct EGIXE then on depicted route, thence. . . .

. . . .Maintain 4000 or as assigned by ATC.

RNAV (GPS) RWY 11
SITKA ROCKY GUTIERREZ (SIT)(PASI)

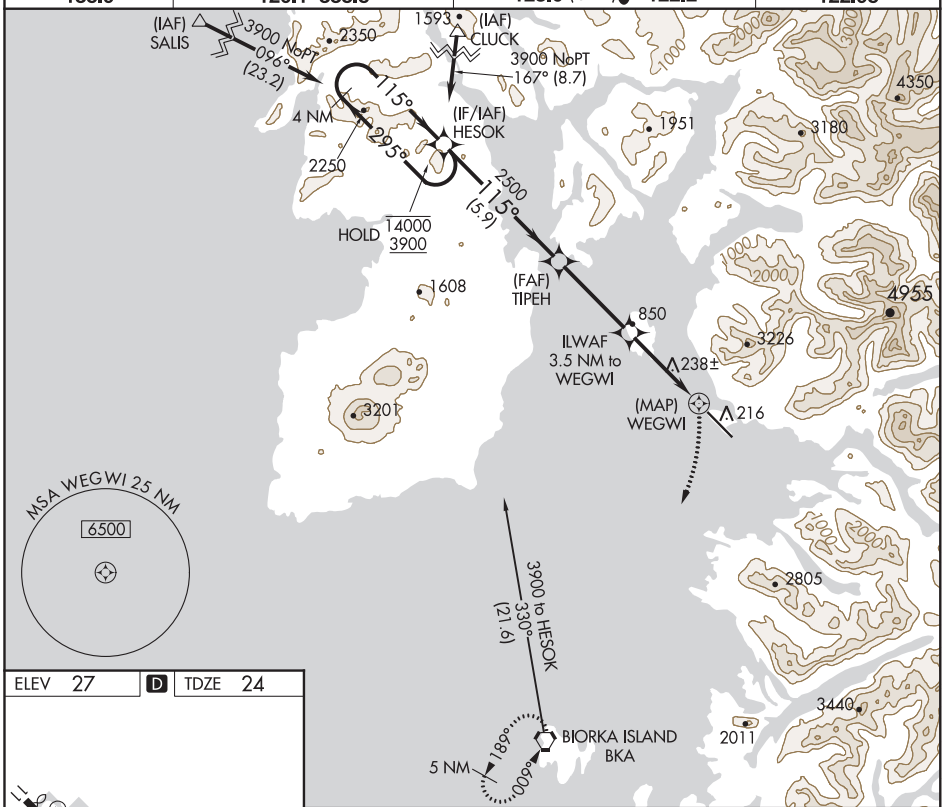
WAAS CH 56632 W11A	APP CRS 115°	Rwy ldg 6500 TDZE 24 Apt Elev 27

RNP APCH.

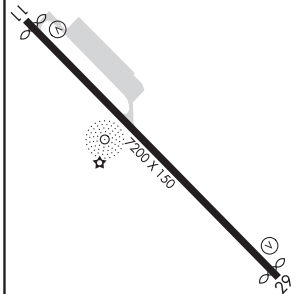
When local altimeter setting not received, procedure NA.
Circling NA northeast of Rwy 11-29.

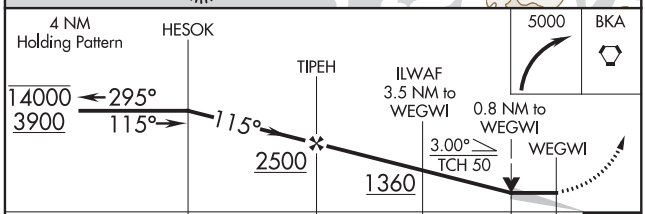
MISSED APPROACH: Climbing right turn to 5000 direct BKA VORTAC and hold, continue climb-in-hold to 5000.

AFIS	ANCHORAGE CENTER	SITKA RADIO	UNICOM
135.9	126.1 335.5	123.6 (CTAF) L 122.2	122.95



ELEV 27 D TDZE 24





CATEGORY	A	B	C	D
LP MDA	500-1 476 (500-1)		500-1⅜ 476 (500-1⅜)	
LNAV MDA	1300-1¼ 1276 (1300-1¼)	1300-1½ 1276 (1300-1½)	1300-3 1276 (1300-3)	
C CIRCLING	1300-1¼ 1273 (1300-1¼)	1300-1½ 1273 (1300-1½)	1300-3 1273 (1300-3)	1660-3 1633 (1700-3)

REIL Rwys 11 and 29 L
HIRL Rwy 11-29 L

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AK, 05 NOV 2020 to 31 DEC 2020

SITKA, ALASKA | AL-5414 (FAA) | 19115

LOC/DME I-SIT 108.9 Chan 26	APP CRS 115°	Rwy ldg 6500 TDZE 24 Apt Elev 26

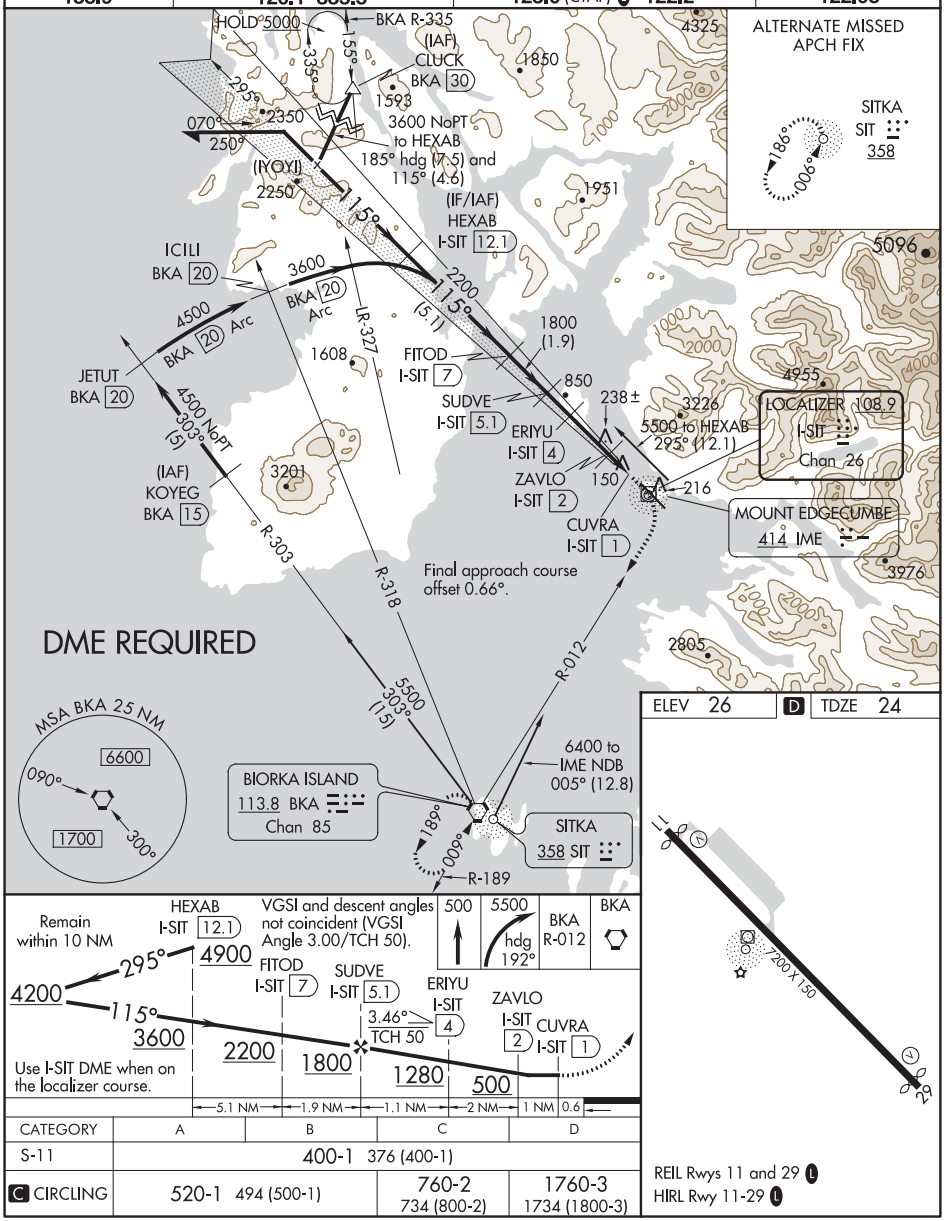
LDA/DME RWY 11

SITKA ROCKY GUTIERREZ (SIT)(PASI)

When local altimeter setting not received, procedure NA. Circling NA northeast of Rwy 11-29.

MISSED APPROACH: Climb to 500 then climbing right turn to 5500 on heading 192° and BKA R-012 to BKA VORTAC and hold, continue climb-in-hold to 5500.

AFIS	ANCHORAGE CENTER	SITKA RADIO	UNICOM
135.9	126.1 335.5	123.6 (CTAF) L 122.2	122.95



CATEGORY	A	B	C	D
S-11	400-1 376 (400-1)			
C CIRCLING	520-1 494 (500-1)		760-2 734 (800-2)	1760-3 1734 (1800-3)

REIL Rwys 11 and 29 L
HIRL Rwy 11-29 L

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VOR/DME-A

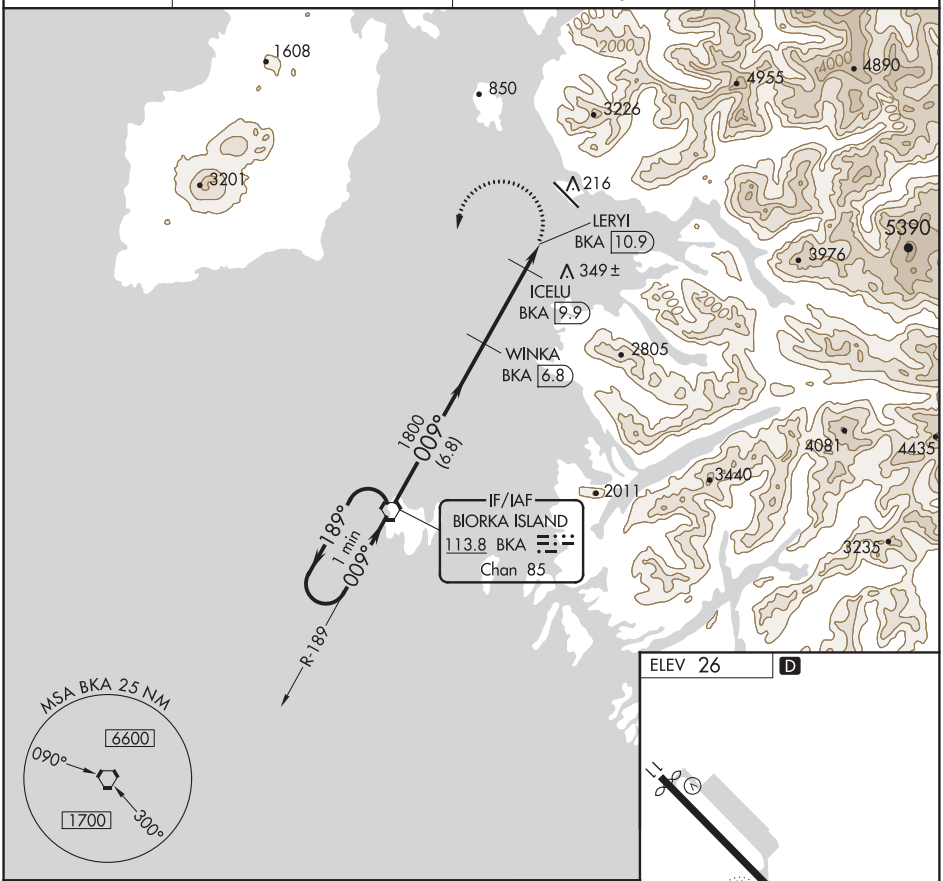
SITKA ROCKY GUTIERREZ (SIT)(PASI)

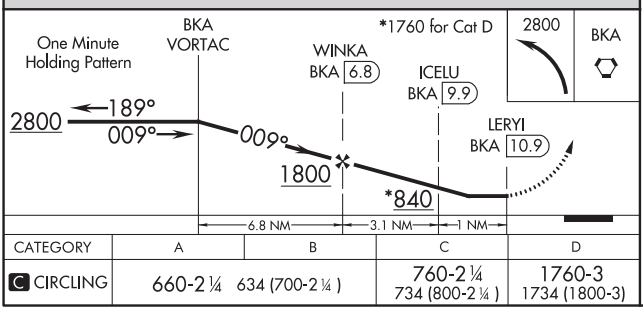
VORTAC BKA	APP CRS	Rwy ldg	N/A
113.8	009°	TDZE	N/A
Chan 85		Apt Elev	26

When local altimeter setting not received, procedure NA.
Circling NA north of Rwy 11-29.

MISSED APPROACH: Climbing left turn to 2800 direct BKA VORTAC and hold.

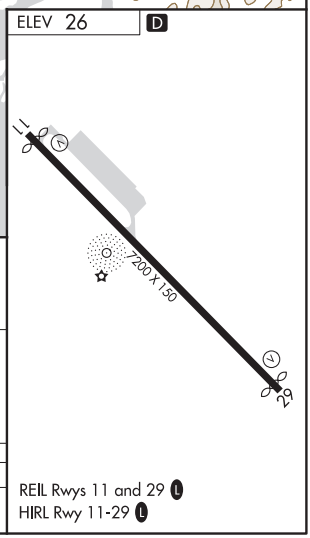
AFIS	ANCHORAGE CENTER	SITKA RADIO	UNICOM
135.9	126.1 335.5	123.6 (CTAF) L 122.2	122.95





CATEGORY	A	B	C	D
C CIRCLING	660-2¼ 634 (700-2¼)		760-2¼ 734 (800-2¼)	1760-3 1734 (1800-3)

ELEV 26 D



REIL Rwys 11 and 29 L
HIRL Rwy 11-29 L

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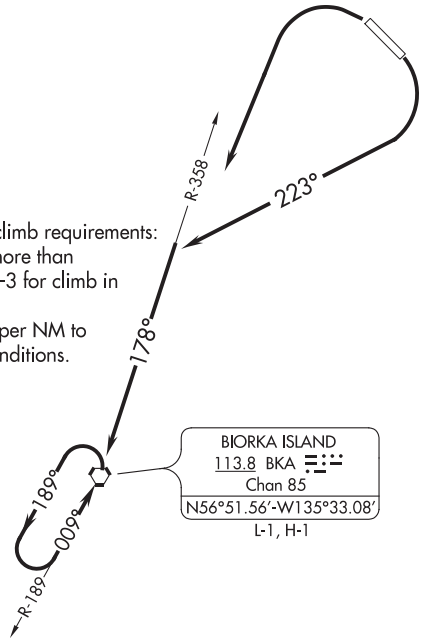
AK, 05 NOV 2020 to 31 DEC 2020

(BKA4.BKA) 18032

BIORKA FOUR DEPARTURE (OBSTACLE)

SITKA ROCKY GUTIERREZ (SIT) (PASI)
AL-5414 (FAA)
SITKA, ALASKA

AFIS
135.9
ANCHORAGE CENTER
126.1 335.5
SITKA RADIO
123.6 (CTAF) 122.2



TAKEOFF MINIMUMS

Rwy 11: Standard with the following minimum climb requirements: 180K or less, 410′ per NM to 1900; more than 180K, 645′ per NM to 3400, or 3900-3 for climb in visual conditions.

Rwy 29: Standard with minimum climb of 233′ per NM to 1000, or 3900-3 for climb in visual conditions.

WARNING: High terrain all quadrants, Mount Edgecumbe 3201′, 13 NM southwest of Sitka Airport.

TAKEOFF OBSTACLE NOTES

Rwy 11: Trees beginning 1418′ from DER, 776′ right of centerline, up to 78′ AGL/102′ MSL.
Trees beginning 1524′ from DER, 576′ right of centerline, up to 64′ AGL/100′ MSL.
Trees beginning 2001′ from DER, 492′ right of centerline, up to 89′ AGL/115′ MSL.
Trees beginning 2055′ from DER, 753′ left of centerline, up to 83′ AGL/108′ MSL.
Trees beginning 2120′ from DER, 548′ right of centerline, up to 113′ AGL/138′ MSL.
Trees beginning 2210′ from DER, 533′ right of centerline, up to 110′ AGL/135′ MSL.
Trees beginning 3496′ from DER, 792′ left of centerline, up to 122′ AGL/139′ MSL.
Trees beginning 4035′ from DER, 774′ left of centerline, up to 160′ AGL/185′ MSL.
Trees beginning 4203′ from DER, 847′ left of centerline, up to 123′ AGL/153′ MSL.
Trees beginning 4445′ from DER, 838′ left of centerline, up to 104′ AGL/174′ MSL.
Trees beginning 4541′ from DER, 529′ left of centerline, up to 99′ AGL/159′ MSL.
Trees beginning 5139′ from DER, 20′ right of centerline, up to 161′ MSL.
Tree 6074′ from DER, 34′ left of centerline, 145′ AGL/184′ MSL.

Rwy 29: Tree 124′ from DER, 505′ right of centerline, 20′ AGL/35′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climbing right turn heading 223° to intercept BKA R-358 to BKA VORTAC, thence. . . .

TAKEOFF RUNWAY 29: Climbing left turn direct BKA VORTAC, thence. . . .

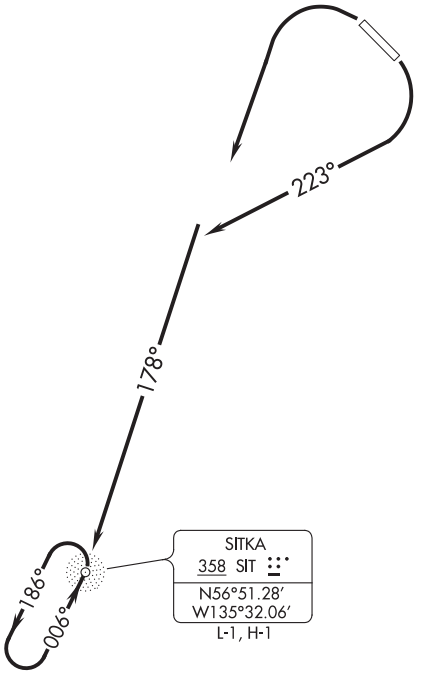
VCOA ALL RUNWAYS: Obtain ATC appproval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Sitka Rocky Gutierrez Airport at or above 3800 then climb direct BKA VORTAC, thence. . . .

. . . .continue climb in BKA VORTAC holding pattern to cross BKA VORTAC at or above MEA for direction of flight before proceeding on course.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

AFIS
135.9
ANCHORAGE CENTER
126.1 335.5
SITKA RADIO
123.6 (CTAF) 122.2

TOP ALTITUDE: ASSIGNED BY ATC



WARNING: High terrain all quadrants, Mount Edgecumbe 3201′ MSL, 13 NM southwest of Sitka Airport.

TAKEOFF MINIMUMS
Rwy 11: Standard with the following minimum climb requirements: 180K or less, 410′ per NM to 1900; more than 180K, 645′ per NM to 3400.
Rwy 29: Standard with minimum climb of 233′ per NM to 1000.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climbing right turn heading 223° to intercept SIT NDB 178° course to SIT NDB thence. . . .
TAKEOFF RUNWAY 29: Climbing left turn direct SIT NDB thence. . . .

. . . .continue climb in SIT NDB holding pattern to cross SIT NDB at or above MEA for direction of flight before proceeding on course, maintain ATC assigned altitude.

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AK, 05 NOV 2020 to 31 DEC 2020

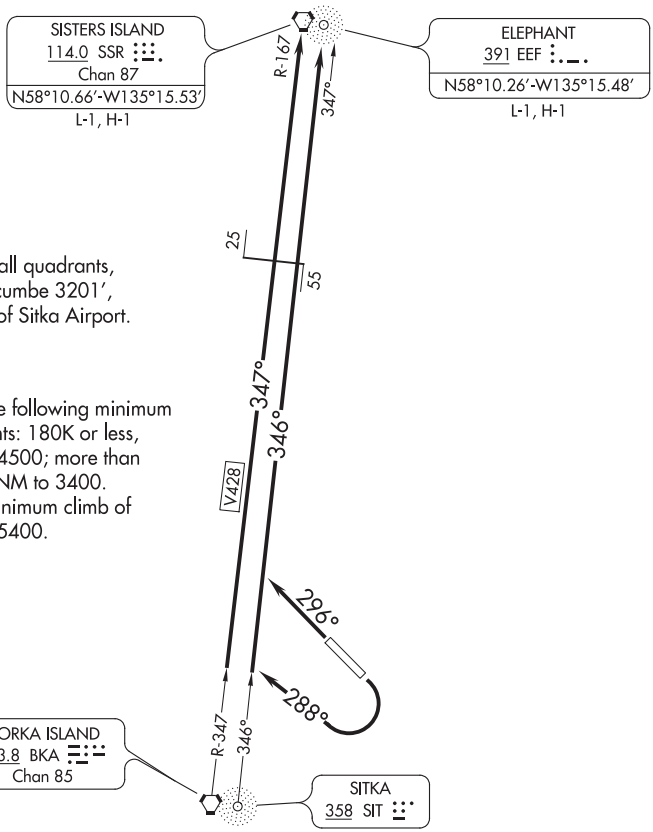
(STKA9.SSR) 17285

SITKA NINE DEPARTURE

AL-5414 (FAA)

SITKA ROCKY GUTIERREZ (SIT) (PASI)
SITKA, ALASKA

AFIS
135.9
ANCHORAGE CENTER
126.1 335.5
SITKA RADIO
123.6 (CTAF) 122.2
UNICOM
122.95



WARNING: High terrain all quadrants,
Mount Edgecumbe 3201′,
13 NM SW of Sitka Airport.

TAKEOFF MINIMUMS

Rwy 11: Standard with the following minimum climb requirements: 180K or less, 390′ per NM to 4500; more than 180K, 645′ per NM to 3400.

Rwy 29: Standard with minimum climb of 357′ per NM to 5400.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climbing right turn heading 288° to join V428 and SSR R-167 to SSR VORTAC or on SIT 346° bearing and EEF 347° course to EEF NDB.

TAKEOFF RUNWAY 29: Climb heading 296° to join V428 to SSR VORTAC or SIT NDB 346° bearing and EEF 347° course to EEF NDB.

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WAAS CH 45942 W07A	APP CRS 075°	Rwy ldg 5001 TDZE 102 Apt Elev 113

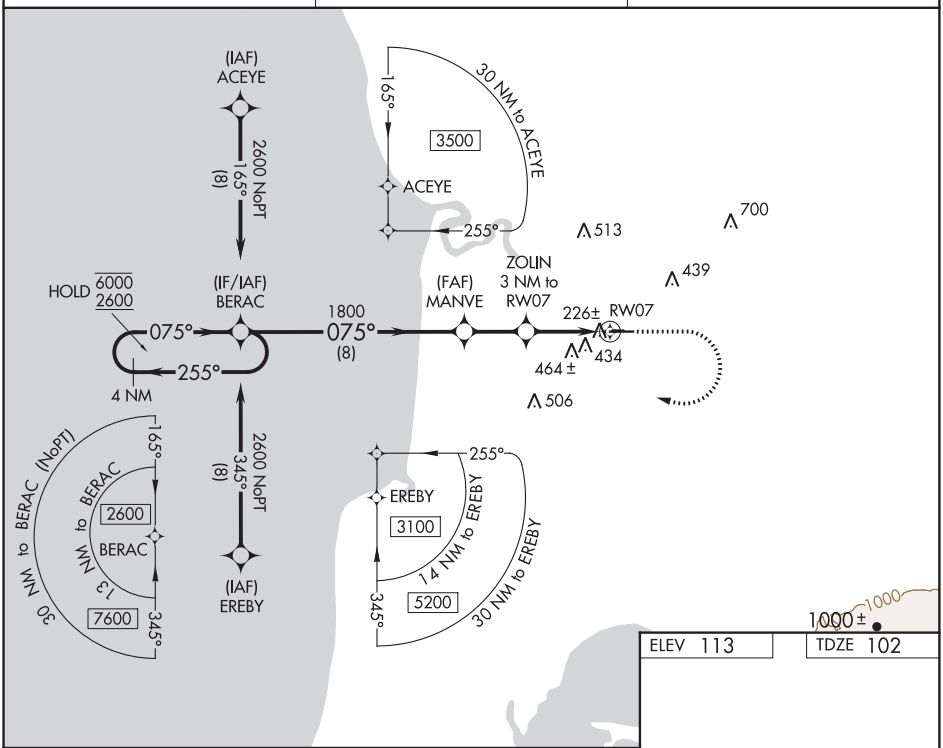
RNAV (GPS) RWY 7
SOLDOTNA (SXQ)(PASX)

RNP APCH.

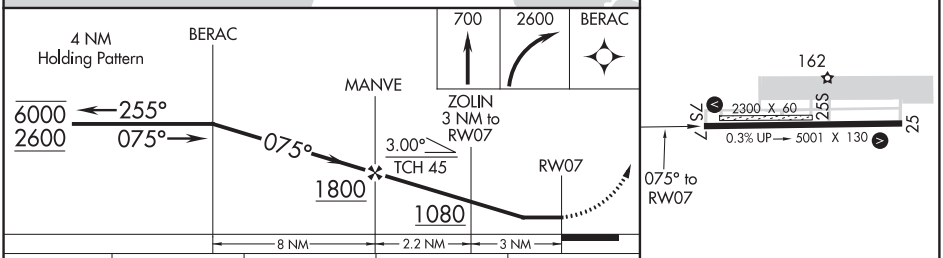
Circling NA to Rwys 7S and 25S. Rwy 7 helicopter visibility reduction below 1 SM NA. Rwy 7 Straight-In and Circling minimums NA at night.

MISSED APPROACH: Climb to 700 then climbing right turn to 2600 direct BERAC and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
135.45	125.7 379.1	122.5 L



ELEV 113	TDZE 102



CATEGORY	A	B	C	D
LP MDA	480-1 378 (400-1)			
LNAV MDA	640-1 538 (600-1)		640-1½ 538 (600-1½)	
C CIRCLING	740-1 627 (700-1)	780-1 667 (700-1)	820-2 707 (800-2)	980-2¾ 867 (900-2¾)

MIRL Rwy 7-25 L

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AK, 05 NOV 2020 to 31 DEC 2020

SOLDOTNA, ALASKA | AL-5464 (FAA) | 19171

WAAS CH 86236 W25A	APP CRS 255°	Rwy ldg 5001 TDZE 113 Apt Elev 113

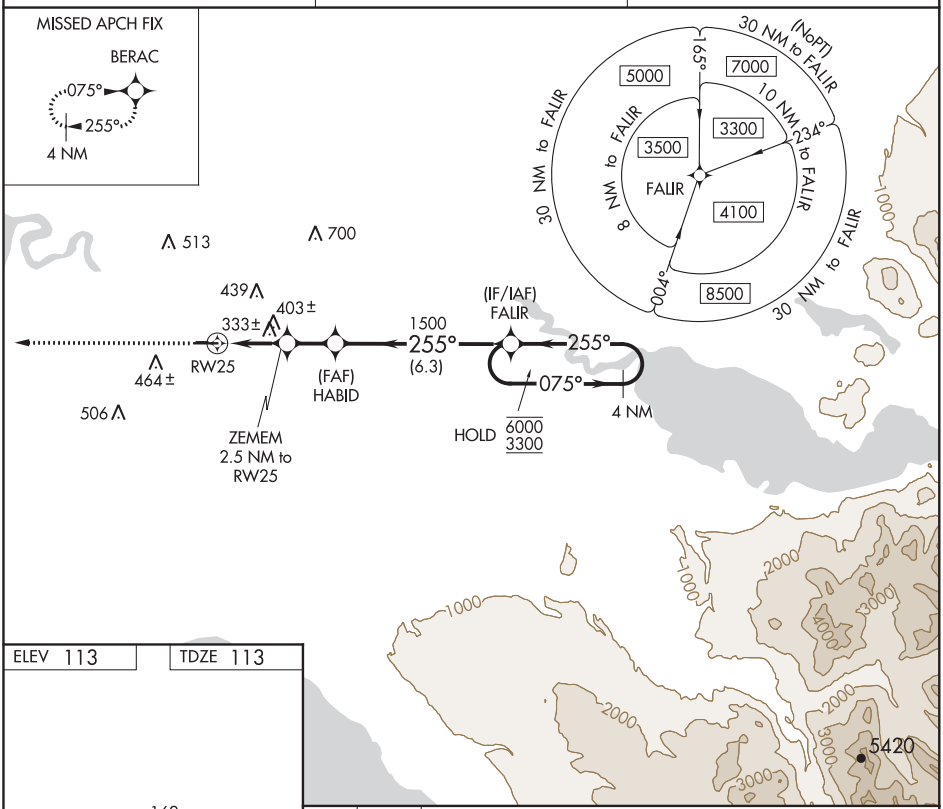
RNAV (GPS) RWY 25
SOLDOTNA (SXQ)(PASX)

RNP APCH.

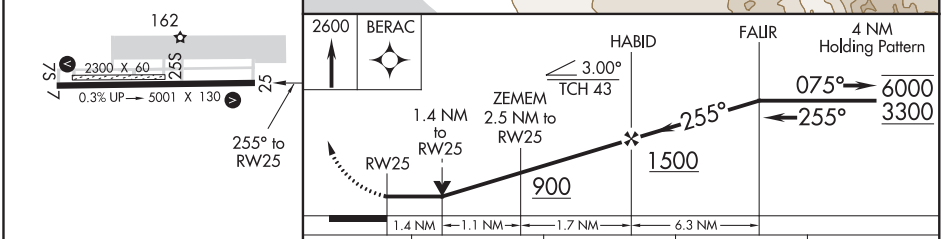
Circling NA to Rwys 7S and 25S. Circling Rwy 7 NA at night.
Rwy 25 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2600 direct BERAC and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
135.45	125.7 379.1	122.5 L



ELEV 113 | TDZE 113



CATEGORY	A	B	C	D
LP MDA	600-1 487 (500-1)		600-1⅜ 487 (500-1⅜)	
LNAV MDA	660-1 547 (600-1)		660-1⅝ 547 (600-1⅝)	
C CIRCLING	740-1 627 (700-1)	780-1 667 (700-1)	820-2 707 (800-2)	980-2¾ 867 (900-2¾)

MIRL Rwy 7-25 L

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AK, 05 NOV 2020 to 31 DEC 2020

VOR/DME ENA 117.6 Chan 123	APP CRS 132°	Rwy ldg N/A TDZE N/A Apt Elev 113

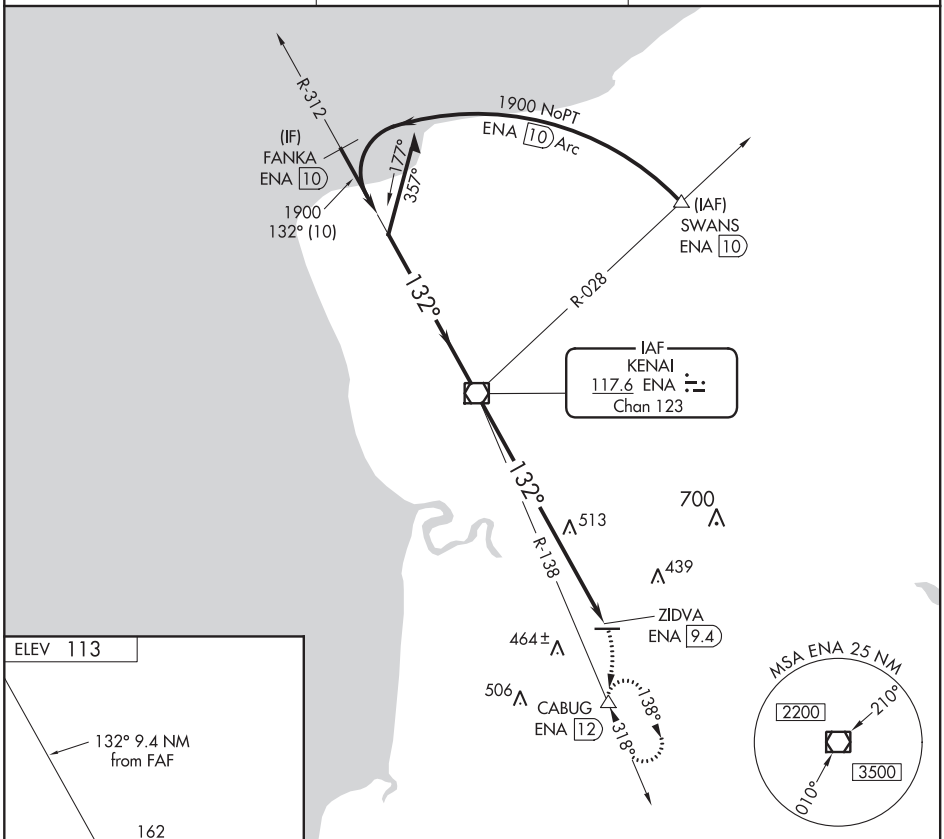
VOR-A
SOLDOTNA (SXQ)(PASX)

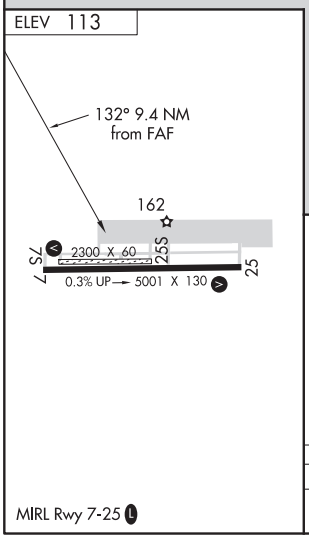
DME required.

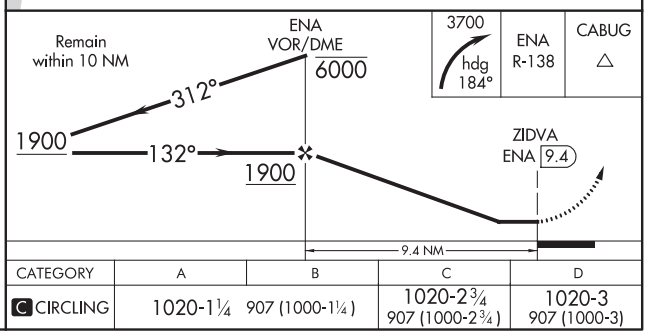
Circling NA to Rwys 7S and 25S.
Circling Rwy 7 NA at night.

MISSED APPROACH: Climbing right turn to 3700 on heading 184° and on ENA R-138 to CABUG/ENA 12 DME and hold, continue climb-in-hold to 3700.

AWOS-3P	ANCHORAGE CENTER	CTAF
135.45	125.7 379.1	122.5







CATEGORY	A	B	C	D
C CIRCLING	1020-1¼ 907 (1000-1¼)		1020-2¾ 907 (1000-2¾)	1020-3 907 (1000-3)

SOLDOTNA, ALASKA

AL-5464 (FAA)

19171

NDB RWY 7

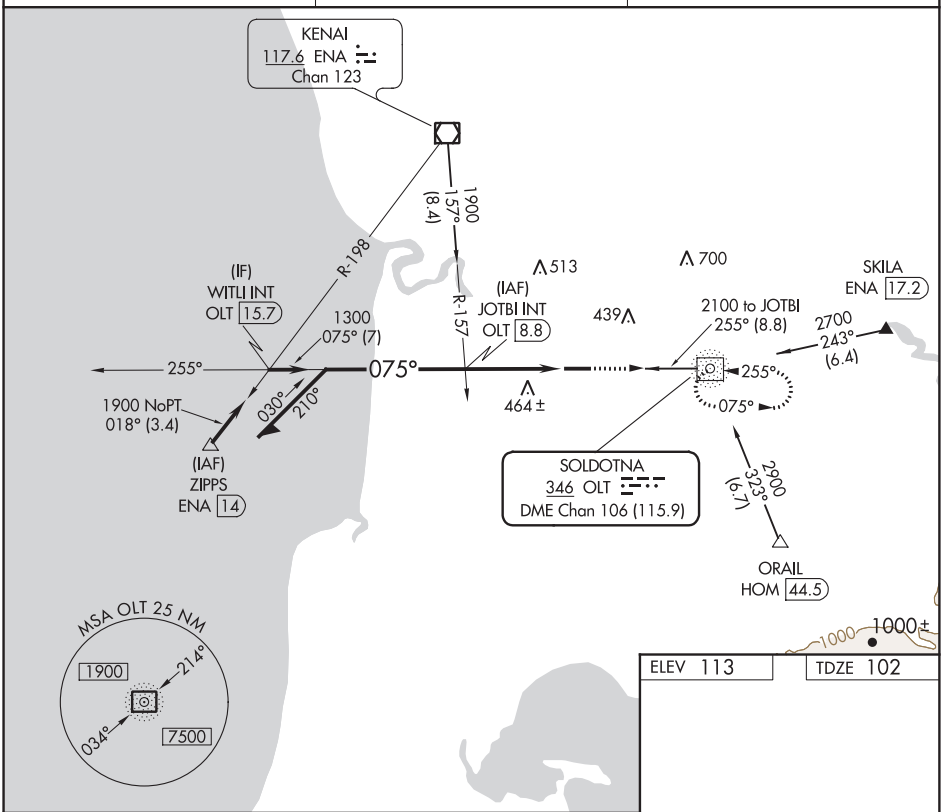
SOLDOTNA (SXQ)(PASX)

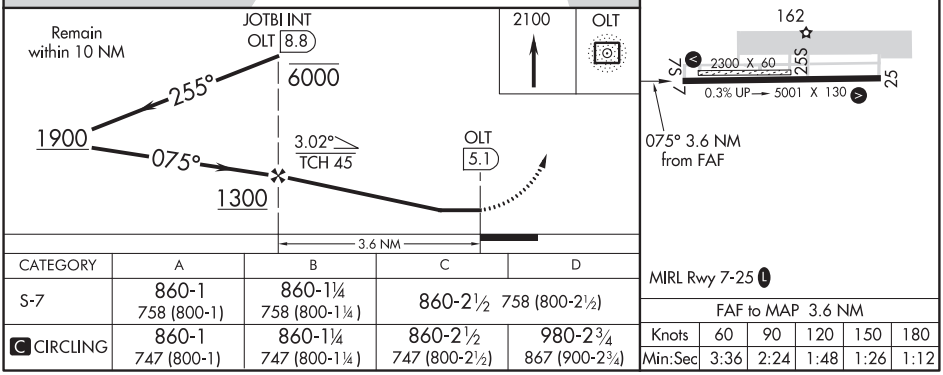
NDB/DME OLT	APP CRS	Rwy ldg	5001
346	075°	TDZE	102
Chan 106 (115.9)		Apt Elev	113

Circling NA to Rwys 7S and 25S. Straight-in Rwy 7 NA at night, Circling Rwy 7 NA at night. Rwy 7 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2100 direct OLT NDB/DME and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
135.45	125.7 379.1	122.5 L





CATEGORY	A	B	C	D
S-7	860-1 758 (800-1)	860-1¼ 758 (800-1¼)	860-2½ 758 (800-2½)	
C CIRCLING	860-1 747 (800-1)	860-1¼ 747 (800-1¼)	860-2½ 747 (800-2½)	980-2¾ 867 (900-2¾)

FAF to MAP 3.6 NM					
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

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AK, 05 NOV 2020 to 31 DEC 2020

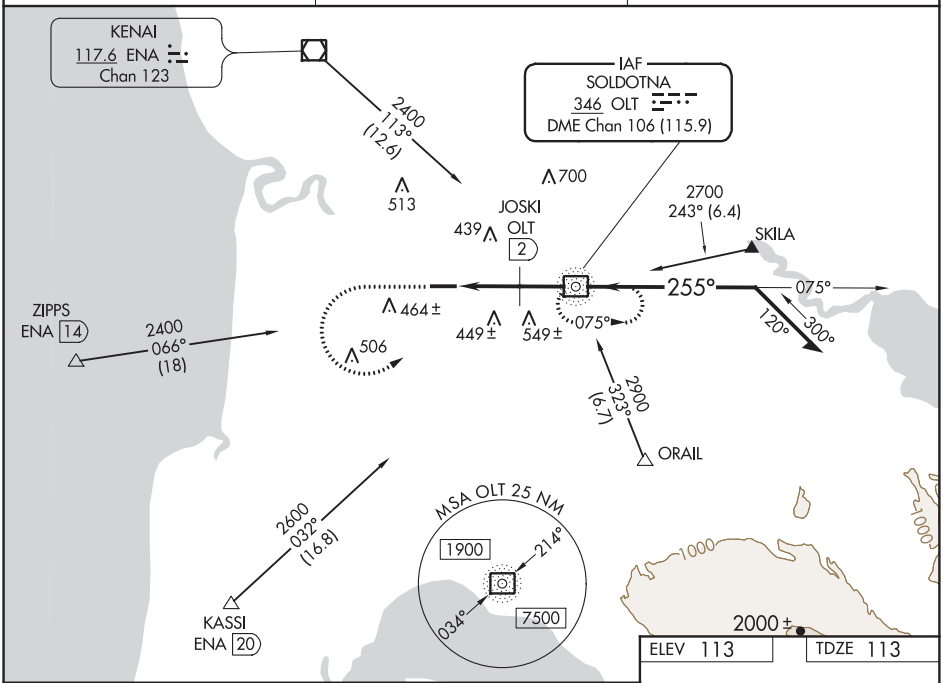
NDB RWY 25
SOLDOTNA (SXQ)(PASX)

NDB/DME OLT 346 Chan 106 (115.9)	APP CRS 255°	Rwy ldg 5001 TDZE 113 Apt Elev 113

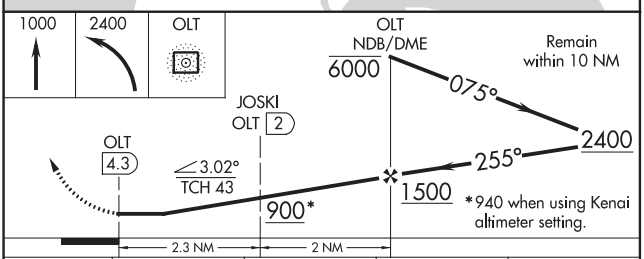
T A Circling NA to Rwys 7S and 25S. Circling Rwy 7 NA at night.

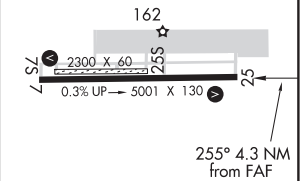
MISSED APPROACH: Climb to 1000 then climbing left turn to 2400 direct OLT NDB and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
135.45	125.7 379.1	122.5 L



ELEV 113	TDZE 113





CATEGORY	A	B	C	D
S-25	900-1 787 (800-1)	900-1¼ 787 (800-1¼)	900-2½ 787 (800-2½)	
C CIRCLING	900-1 787 (800-1)	900-1¼ 787 (800-1¼)	900-2½ 787 (800-2½)	980-2¾ 867 (900-2¾)
JOSKI FIX MINIMUMS				
S-25	760-1 647 (700-1)		760-1⅞ 647 (700-1⅞)	
C CIRCLING	860-1 747 (800-1)		860-2¼ 747 (800-2¼)	980-2¾ 867 (900-2¾)

MIRL Rwy 7-25 L

FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

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AK, 05 NOV 2020 to 31 DEC 2020

SOUTH NAKNEK, ALASKA | AL-10970 (FAA) | 18312

WAAS CH 42937 W13A	APP CRS 126°	Rwy ldg 3314 TDZE 160 Apt Elev 162

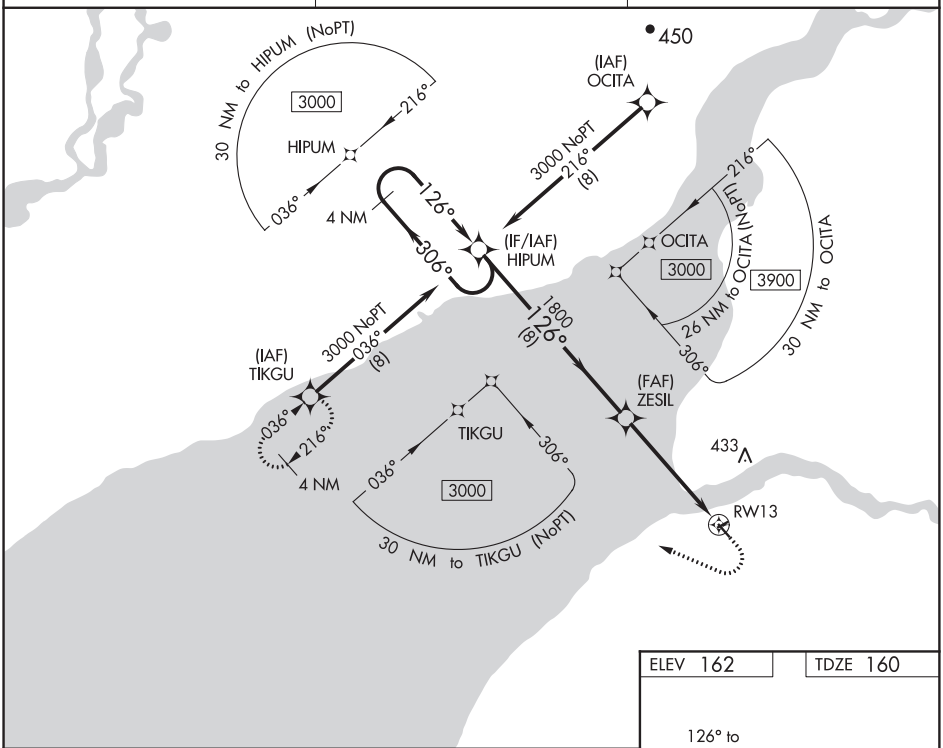
RNAV (GPS) RWY 13
SOUTH NAKNEK NR 2 (WSN)(PFWS)

RNP APCH.

When local altimeter setting not received, use King Salmon altimeter setting and increase all MDA 40 feet. Circling Rwy 5 NA at night. VDP NA when using King Salmon altimeter setting.

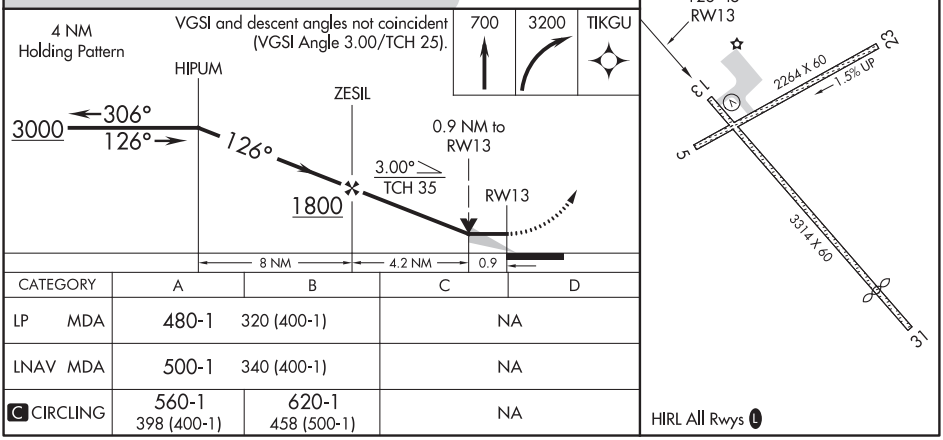
MISSED APPROACH: Climb to 700 then climbing right turn to 3200 direct TIKGU and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
121.575	124.8 354.0	122.9 L



AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020



CATEGORY	A	B	C	D
LP MDA	480-1 320 (400-1)		NA	
LNAV MDA	500-1 340 (400-1)		NA	
C CIRCLING	560-1 398 (400-1)	620-1 458 (500-1)	NA	

WAAS CH 87137 W31B	APP CRS 306°	Rwy ldg 2755 TDZE 160 Apt Elev 162

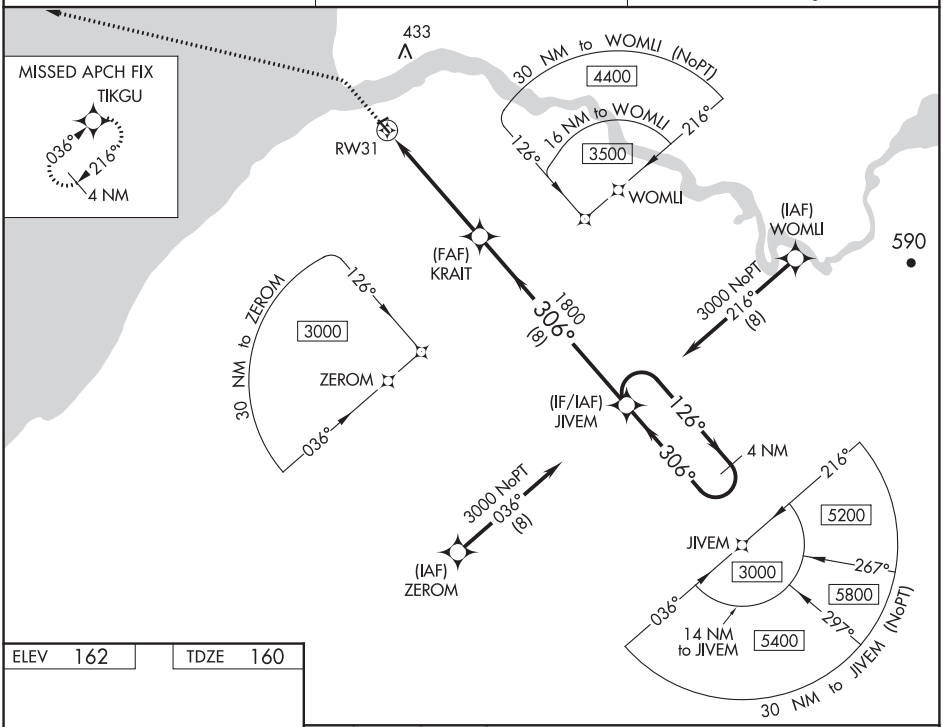
RNAV (GPS) RWY 31
SOUTH NAKNEK NR 2 (WSN)(PFWS)

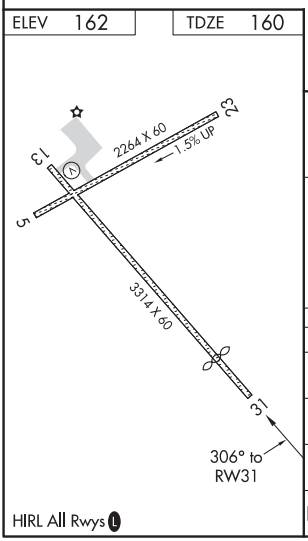
RNP APCH.

Baro-VNAV and VDP NA when using King Salmon altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C. When local altimeter setting not received, use King Salmon altimeter setting and increase all DA/MDA 40 feet. Circling Rwy 5 NA at night.

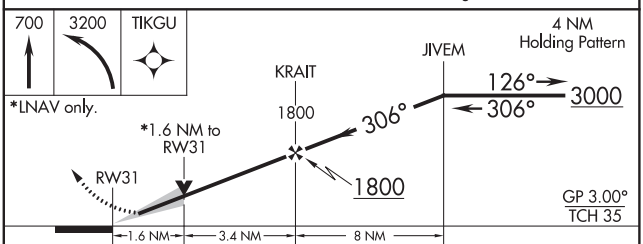
MISSED APPROACH: Climb to 700 then climbing left turn to 3200 direct TIKGU and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
121.575	124.8 354.0	122.9 L





HIRL All Rwys L



CATEGORY	A	B	C	D
LPV DA	410-1	250 (300-1)	NA	
LNAV/VNAV DA	410-1	250 (300-1)	NA	
LNAV MDA	700-1	540 (600-1)	NA	
C CIRCLING	700-1	538 (600-1)	NA	

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AK, 05 NOV 2020 to 31 DEC 2020

SPARREVOHN, ALASKA

RNAV (GPS) RWY 34

APCH CRS	Rwy ldg	4200
345°	TDZE	1476
	Arpt Elev	1565

AL-2332 [USAF]

SPARREVOHN LRRS (PASV)

Night operations not authorized.
Circling not authorized.
DME/DME RNP-0.3 NA

MISSED APPROACH: Climbing right turn to 5500 direct LIVME and hold.

ANCHORAGE CENTER	KENAI RCO	UNICOM	AWOS-3
134.3 351.8	122.5	126.2 (CTAF)	

Visibility reduction by helicopters NA.

Uncontrolled airspace below 700 AGL within 3 NM of Sparrevohn Airport.

Procedure NA when MOA 1782 (NAKNEK 2 MOA) is active unless coordination with Anchorage Center is completed.

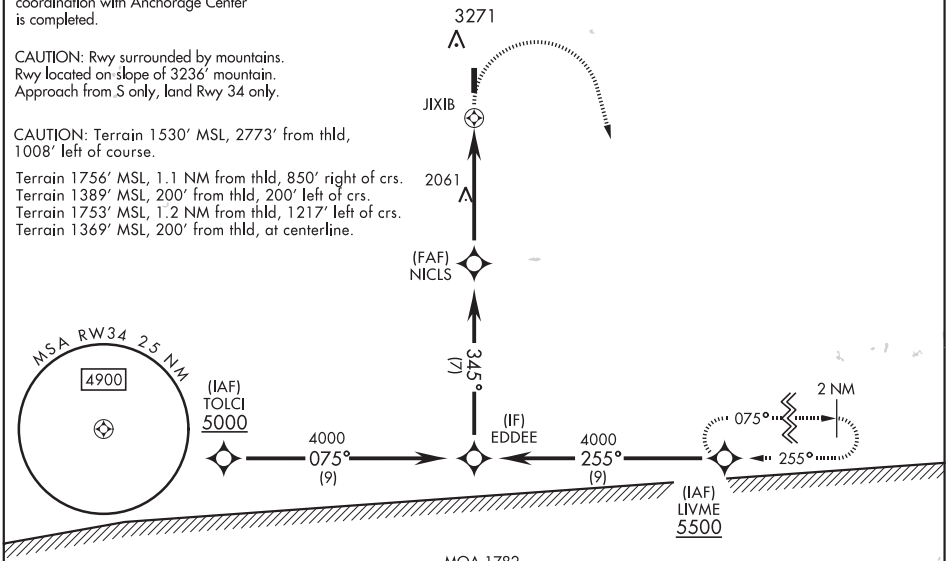
CAUTION: Rwy surrounded by mountains. Rwy located on slope of 3236′ mountain. Approach from S only, land Rwy 34 only.

CAUTION: Terrain 1530′ MSL, 2773′ from thld, 1008′ left of course.

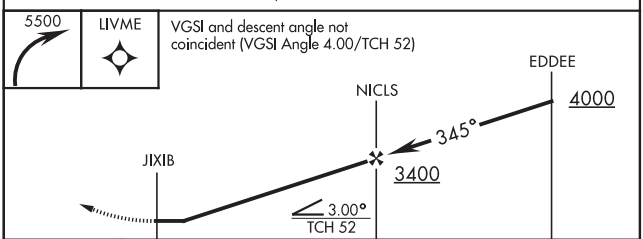
Terrain 1756′ MSL, 1.1 NM from thld, 850′ right of crs.
Terrain 1389′ MSL, 200′ from thld, 200′ left of crs.
Terrain 1753′ MSL, 1.2 NM from thld, 1217′ left of crs.
Terrain 1369′ MSL, 200′ from thld, at centerline.

MILITARY CERTIFIED AIRCEW OR AUTHORIZED CONTRACT AIRCRAFT ONLY

NOT FOR CIVIL USE

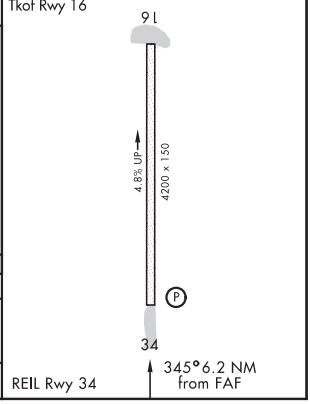


EMERG SAFE ALT 100 NM 13,500 FROM JIXIB



ELEV 1565	TDZE 1476

Land Rwy 34
Tkof Rwy 16



CATEGORY	A	B	C	D
LNAV MDA	3080-1¼ 1604 (1600-1¼)	3240-1½ 1764 (1700-1½)	3320-3 1844 (1800-3)	
CIRCLING	NOT AUTHORIZED			

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AK, 05 NOV 2020 to 31 DEC 2020

SPARREVOHN, ALASKA

NDB RWY 34

NDB CRN	APCH CRS	Rwy ldg / TDZE / Arpt Elev
281	354°	4200 / 1476 / 1565

AL-2332 [USAF]

SPARREVOHN LRRS (PASV)

Night operations not authorized.
Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 4200, then climbing right turn to 5500 direct CRN and hold. Continue climb and hold to 5500.

ANCHORAGE CENTER	KENAI RCO	SPARREVOHN RADIO	AWOS-3
134.3 351.8	122.5	126.2 (CTAF)	

CAUTION: Rwy surrounded by mountains. Rwy located on slope of 3236′ mountain. Approach from S only, land Rwy 34 only.

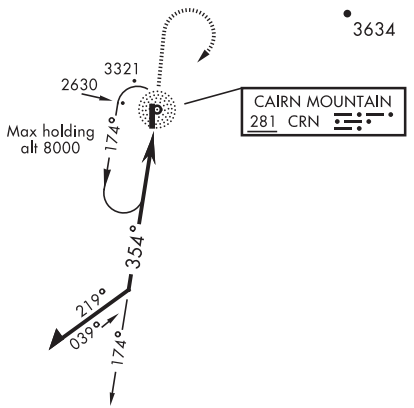
CAUTION: Terrain 1530′ MSL, 2773′ from thld, 1008′ left of course.

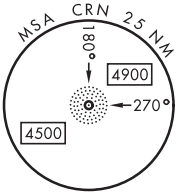
Successful go-around improbable if initiated past the MAP.

Uncontrolled Airspace below 700′ AGL within 3 NM of Sparrevohn airport.

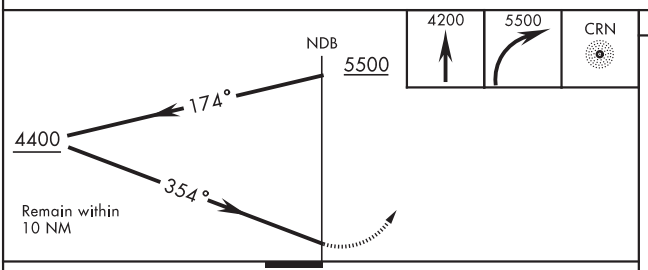
MILITARY CERTIFIED AIRCREWS OR AUTHORIZED CONTRACT AIRCRAFT ONLY

NOT FOR CIVIL USE

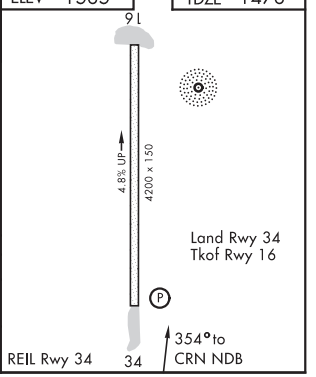




EMERG SAFE ALT 100 NM 13,500



ELEV 1565 TDZE 1476



CATEGORY	A	B	C	D
S-34	3580-1¼ 2104 (2100-1¼)	3580-1½ 2104 (2100-1½)	3580-3 2104	(2100-3)
CIRCLING	NOT AUTHORIZED			

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

TALKEETNA, ALASKA | AL-1222 (FAA) | 20198

RNAV (GPS) RWY 1
TALKEETNA (TKA)(PATK)

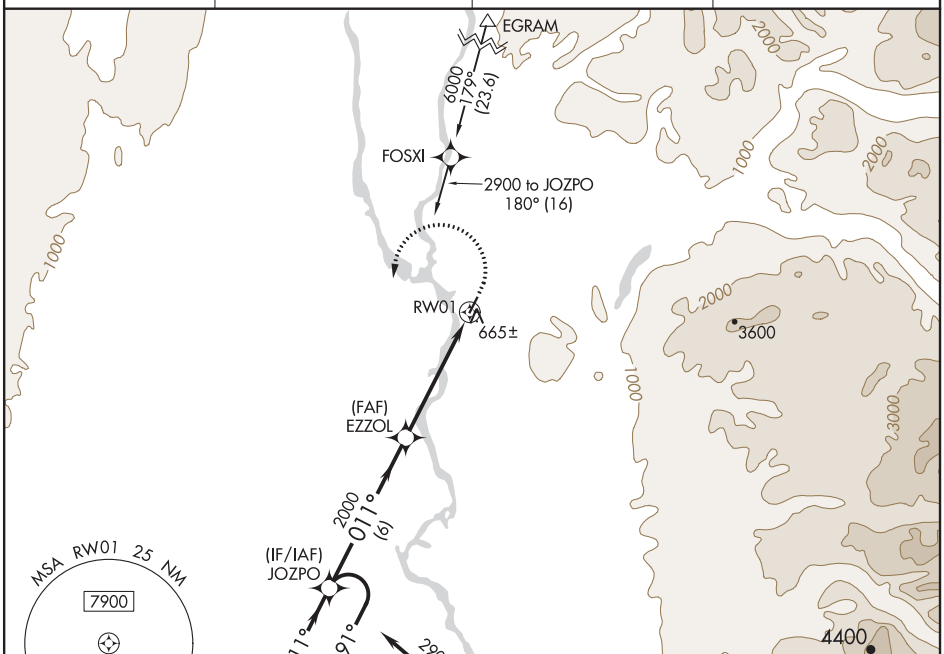
APP CRS	Rwy ldg	3500
011°	TDZE	363
	Apt Elev	365

RNP APCH.

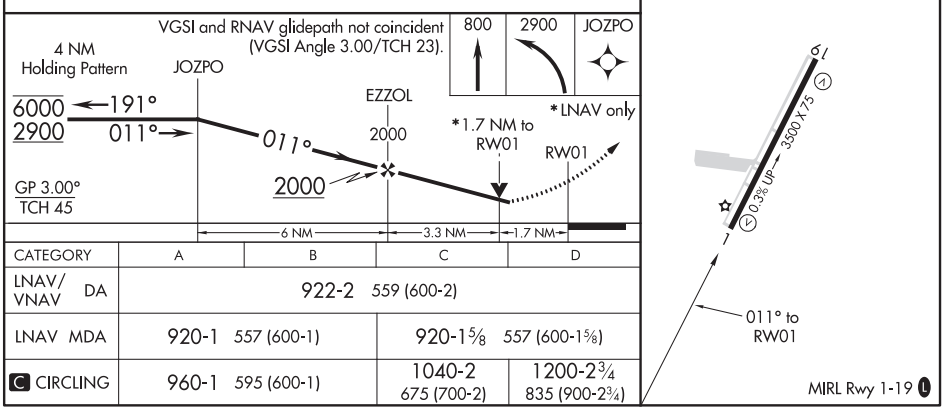
Circling NA east of Rwy 1-19. Rwy 1 helicopter visibility reduction below ¾ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C.

MISSED APPROACH: Climb to 800 then climbing left turn to 2900 direct JOZPO and hold.

AFIS	ANCHORAGE CENTER	TALKEETNA RADIO	UNICOM
135.2	125.55 254.3	123.6 (CTAF) L	123.0



ELEV 365 | TDZE 363



CATEGORY	A	B	C	D
LNAV/VNAV DA	922-2 559 (600-2)			
LNAV MDA	920-1 557 (600-1)		920-1⅝ 557 (600-1⅝)	
C CIRCLING	960-1 595 (600-1)		1040-2 675 (700-2)	1200-2¾ 835 (900-2¾)

TALKEETNA, ALASKA
Amdt 1A 15AUG19

62°19′N-150°06′W

TALKEETNA (TKA)(PATK)
RNAV (GPS) RWY 1

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS) RWY 19
TALKEETNA (TKA)(PATK)

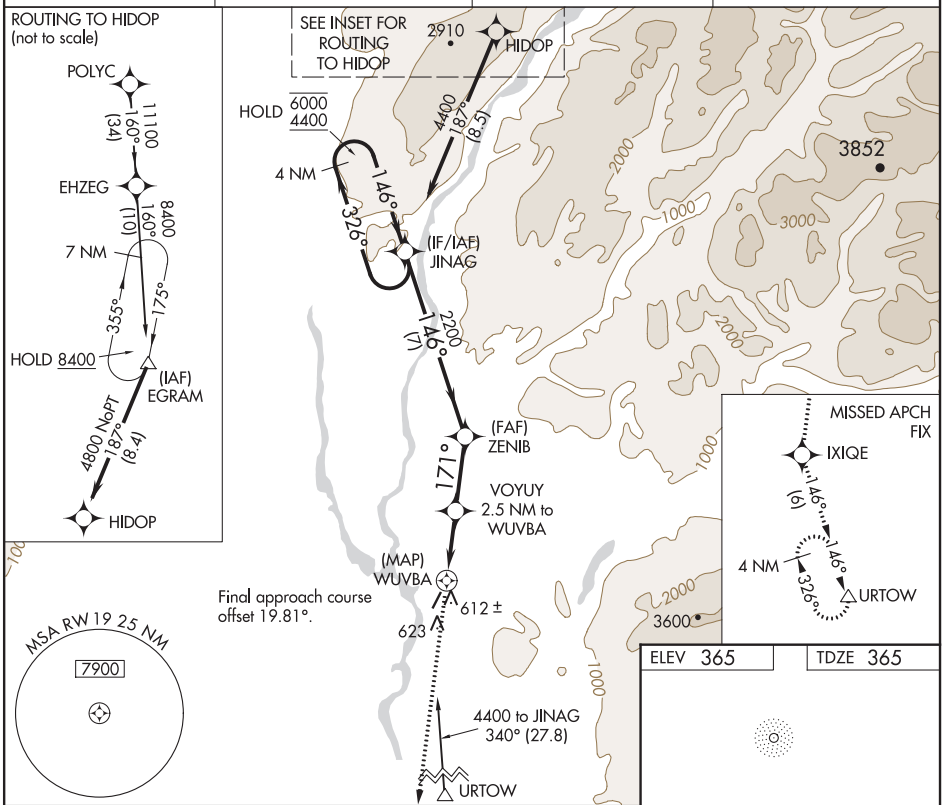
APP CRS	Rwy ldg	3500
171°	TDZE	365
	Apt Elev	365

RNP APCH.

Circling NA east of Rwy 1-19. Rwy 19 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 19 NA at night, Circling Rwy 19 NA at night.

MISSED APPROACH: Climb to 3000 direct IXIQE and on track 146° to URTOW and hold.

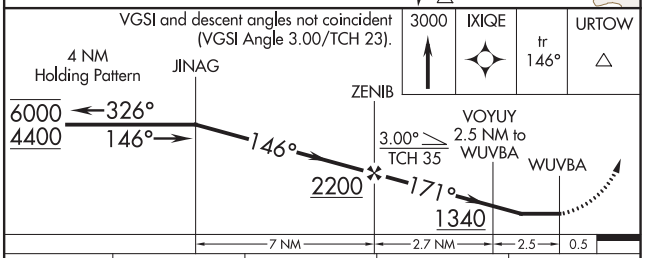
AFIS	ANCHORAGE CENTER	TALKEETNA RADIO	UNICOM
135.2	125.55 254.3	123.6 (CTAF) L	123.0

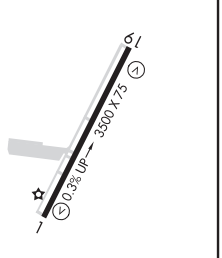


ELEV 365 TDZE 365

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 23).

3000	IXIQE	tr 146°	URTOW





CATEGORY	A	B	C	D
LNAV MDA	880-1 515 (600-1)		880-1⅜ 515 (600-1⅜)	
C CIRCLING	880-1 515 (600-1)		1040-2 675 (700-2)	1200-2¾ 835 (900-2¾)

MIRL Rwy 1-19 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

TALKEETNA, ALASKA | AL-1222 (FAA) | 20198

VOR RWY 1
TALKEETNA (TKA)(PATK)

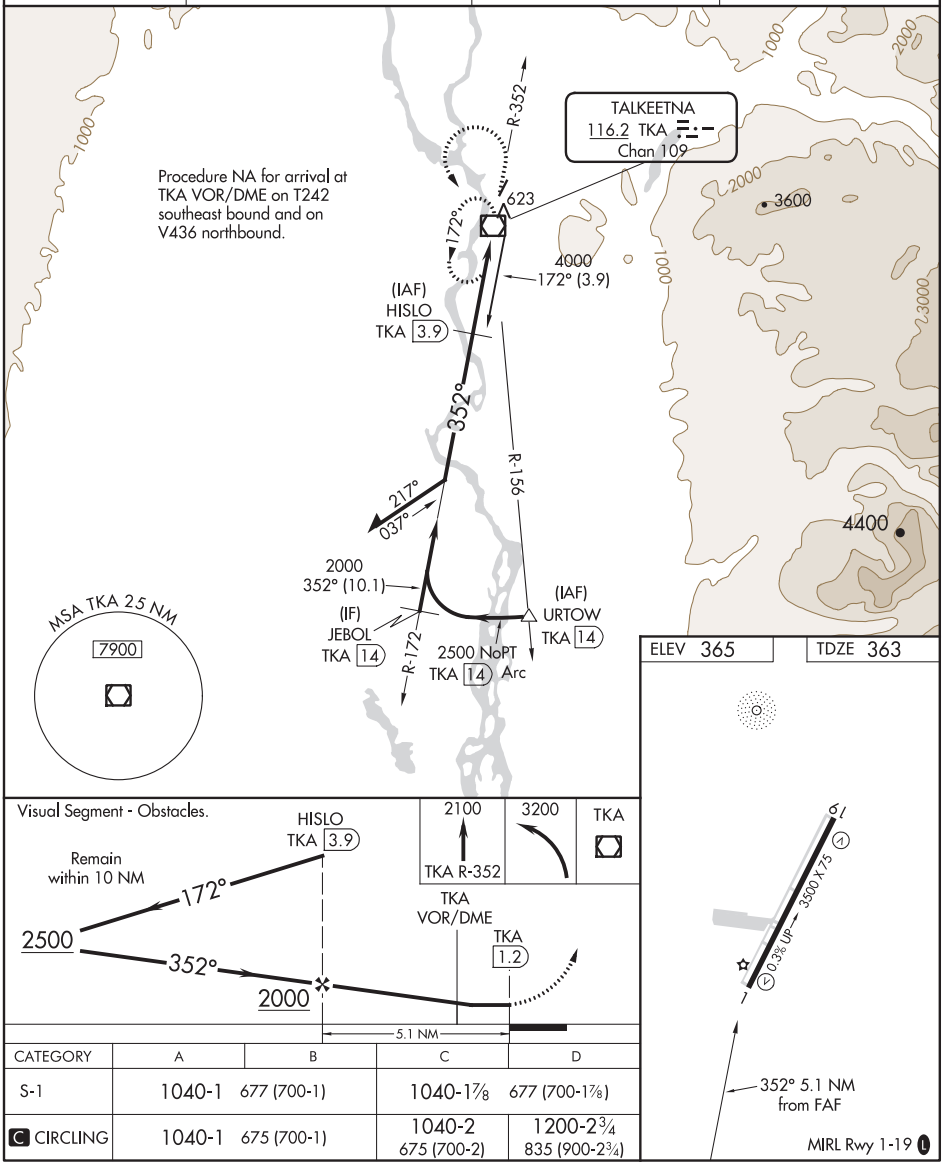
VOR/DME TKA	APP CRS	Rwy ldg	3500
116.2	352°	TDZE	363
Chan 109		Apt Elev	365

DME required.

Circling NA east of Rwy 1-19.
Rwy 1 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 1 NA at night, Circling Rwy 1 NA at night.

MISSED APPROACH: Climb to 2100 on TKA VOR/DME R-352 then climbing left turn to 3200 direct TKA VOR/DME and hold.

AFIS	ANCHORAGE CENTER	TALKEETNA RADIO	UNICOM
135.2	125.55 254.3	123.6 (CTAF) L	123.0



CATEGORY	A	B	C	D
S-1	1040-1 677 (700-1)		1040-1⅞ 677 (700-1⅞)	
C CIRCLING	1040-1 675 (700-1)		1040-2 675 (700-2)	1200-2¾ 835 (900-2¾)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

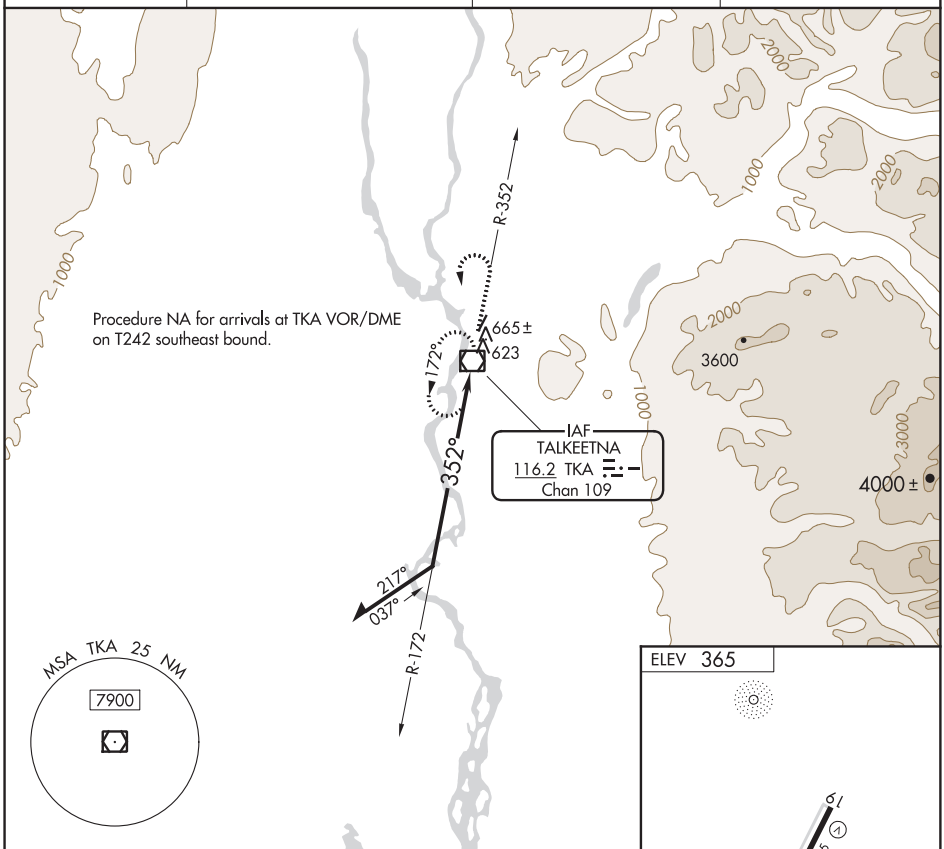
VOR/DME TKA	APP CRS	Rwy ldg	N/A
116.2	352°	TDZE	N/A
Chan 109		Apt Elev	365

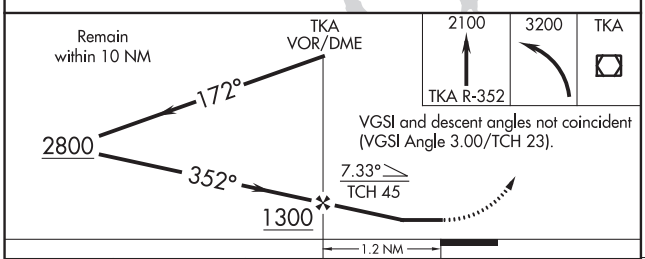
VOR-A
TALKEETNA (TKA)(PATK)

Circling NA east of Rwy 1-19.
Rwy 1 helicopter visibility reduction below 1 SM NA.
Circling Rwy 1 NA at night.

MISSED APPROACH: Climb to 2100 on TKA VOR/DME R-352 then climbing left turn to 3200 direct TKA VOR/DME and hold.

AFIS	ANCHORAGE CENTER	TALKEETNA RADIO	UNICOM
135.2	125.55 254.3	123.6 (CTAF) L	123.0





CATEGORY	A	B	C	D
C CIRCLING	1080-1 715 (800-1)		1080-2 715 (800-2)	1200-2¾ 835 (900-2¾)

FAF to MAP 1.2 NM					
Knots	60	90	120	150	180
Min:Sec	1:12	0:48	0:36	0:29	0:24

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

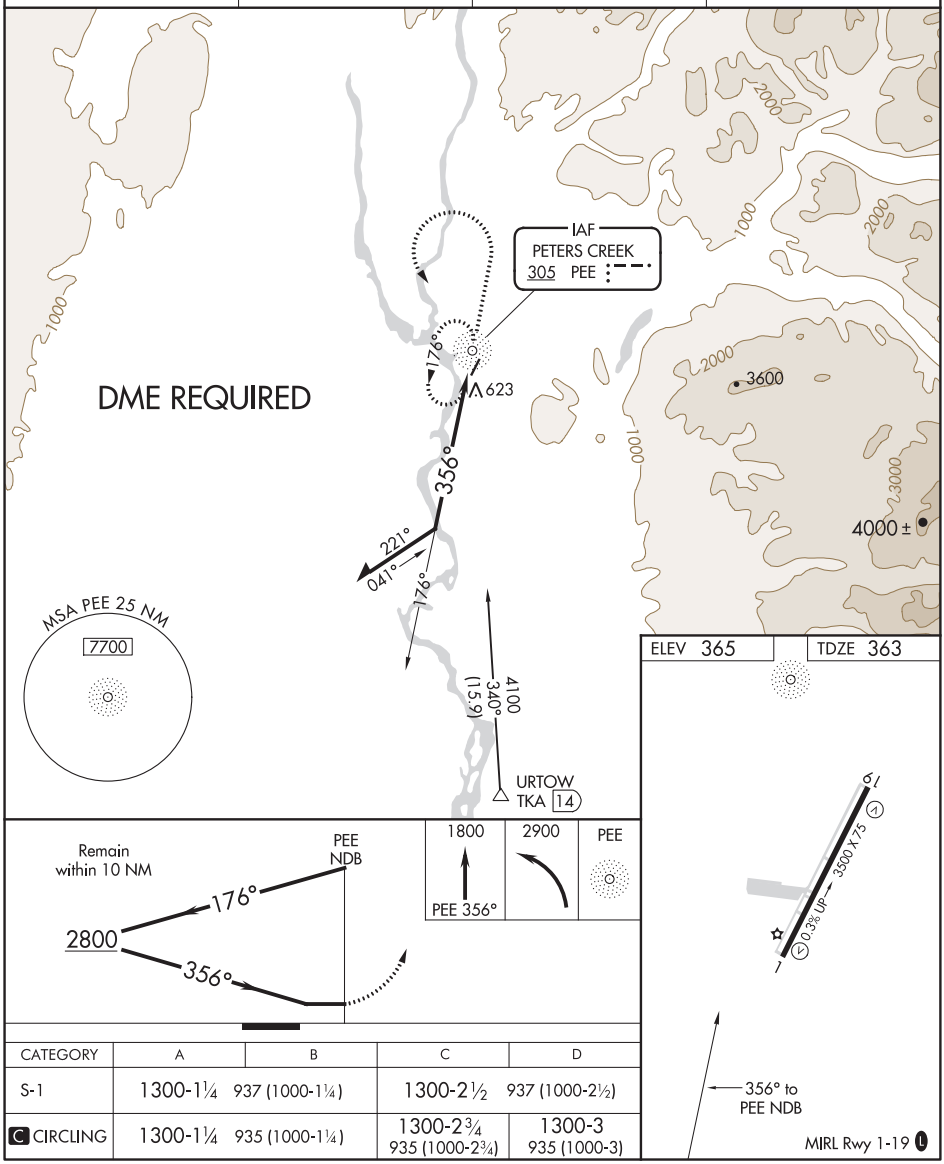
NDB PEE	APP CRS	Rwy ldg	3500
305	356°	TDZE	363
		Apt Elev	365

NDB RWY 1
TALKEETNA (TKA)(PATK)

T A Circling NA east of Rwy 1-19.
Straight-in Rwy 1 NA at night, Circling Rwy 1 NA at night.
Rwy 1 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 1800 on 356° bearing from PEE NDB, then climbing left turn to 2900 direct PEE NDB and hold, continue climb-in-hold to 2900.

AFIS	ANCHORAGE CENTER	TALKEETNA RADIO	UNICOM
135.2	125.55 254.3	123.6 (CTAF) L	123.0



CATEGORY	A	B	C	D
S-1	1300-1¼ 937 (1000-1¼)		1300-2½ 937 (1000-2½)	
C CIRCLING	1300-1¼ 935 (1000-1¼)		1300-2¾ 935 (1000-2¾)	1300-3 935 (1000-3)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	4400
070°	TDZE	229
	Apt Elev	236

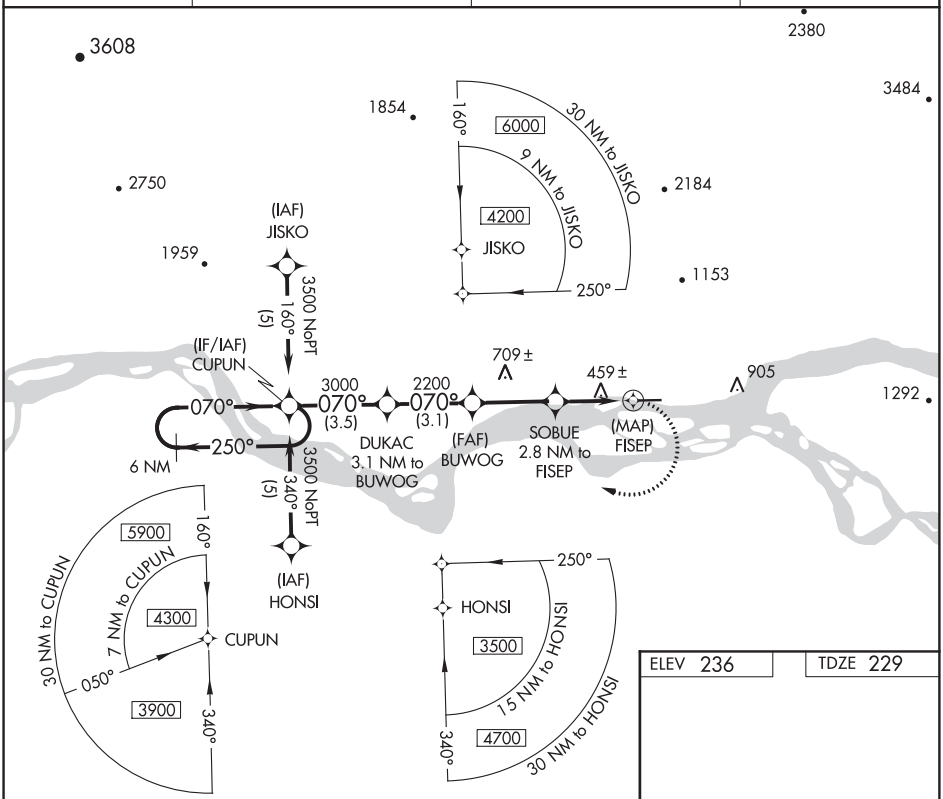
RNAV (GPS) RWY 7
RALPH M CALHOUN MEMORIAL (TAL) (PATA)

-50°C

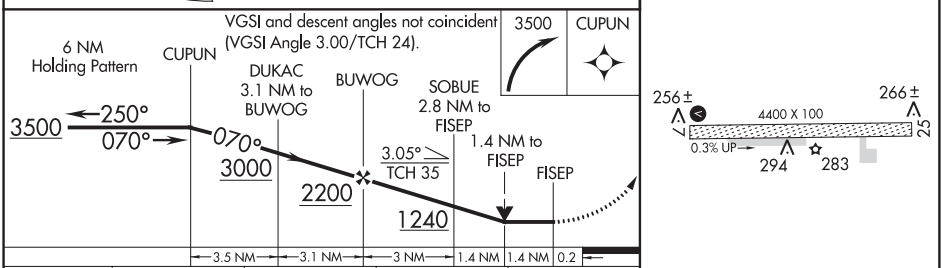
DME/DME RNP-0.3 NA. Circling NA north of Rwy 7-25. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing right turn to 3500 direct CUPUN and hold.

ASOS	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.1	133.1 285.4	122.65	122.9 L



ELEV 236	TDZE 229



CATEGORY	A	B	C	D
LNAV MDA	760-1 531 (600-1)		760-1½ 531 (600-1½)	760-1¾ 531 (600-1¾)
CIRCLING	760-1 524 (600-1)		760-1½ 524 (600-1½)	800-2 564 (600-2)

MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

TANANA, ALASKA | AL-1227 (FAA) | 20198

VOR/DME TAL 116.6 Chan 113	APP CRS 078°	Rwy ldg 4400 TDZE 228 Apt Elev 236

VOR/DME RWY 7

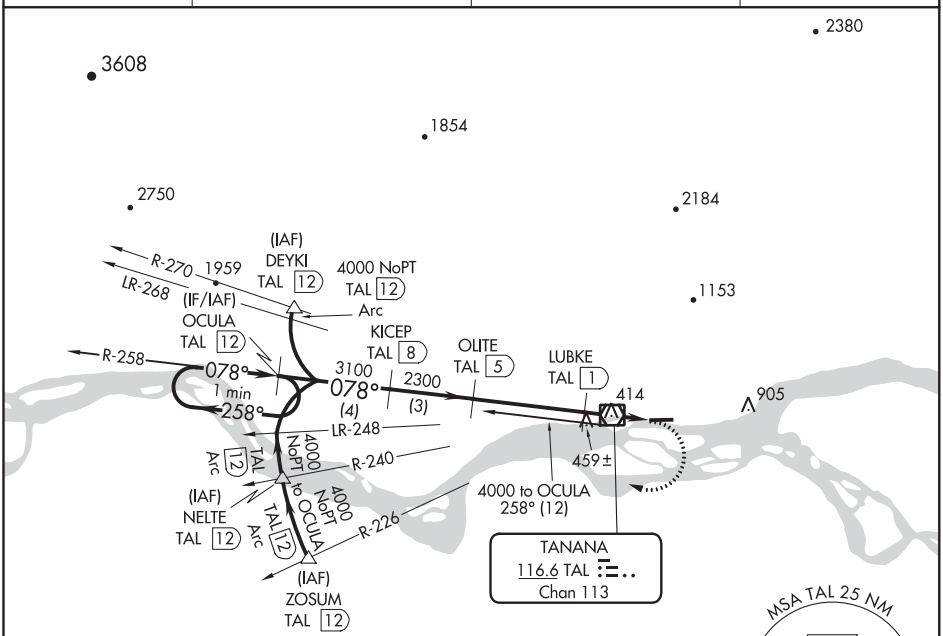
RALPH M CALHOUN MEMORIAL (TAL) (PATA)

-50°C

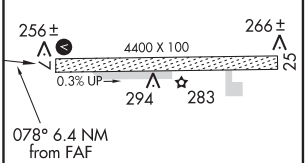
Circling NA north of Rwy 7-25.
Helicopter visibility reduction below ¾ SM NA.

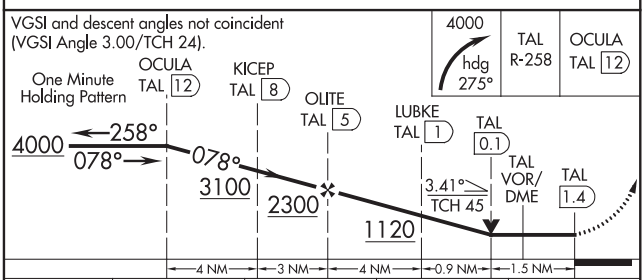
MISSED APPROACH: Climbing right turn to 4000 via heading 275° and TAL VOR/DME R-258 to OCULA 12 DME and hold, continue climb-in-hold to 4000.

ASOS	ANCHORAGE CENTER	FAIRBANKS RADIO	CTAF
135.1	133.1 285.4	122.65	122.9 L



ELEV 236 | TDZE 228





CATEGORY	A	B	C	D
S-7	720-1 492 (500-1)		720-1¼ 492 (500-1¼)	720-1½ 492 (500-1½)
CIRCLING	720-1 484 (500-1)		720-1½ 484 (500-1½)	800-2 564 (600-2)

MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

TAKOTNA, ALASKA

RNAV (GPS) RWY 35

APCH CRS	Rwy ldg	3820
346°	THRE	891
	Arpt Elev	933

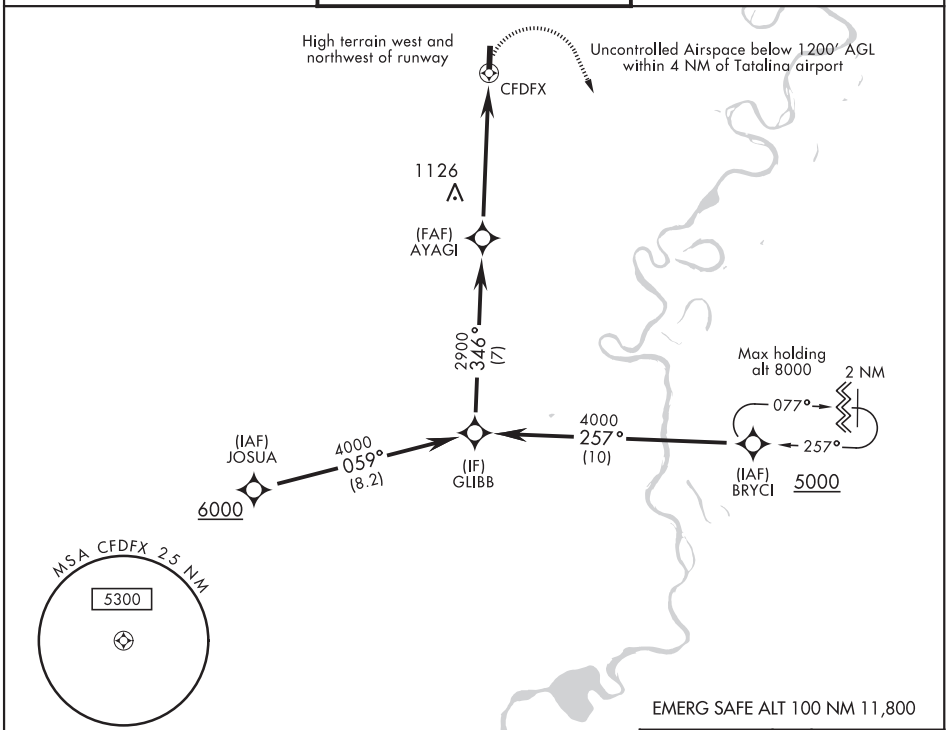
AL-10651 [USAF]

TATALINA LRRS (PATL)

T * Circling not authorized west of Runway 17/35
DME/DME RNP 0.3 NA
Night Operations not authorized.

MISSED APPROACH: Climbing right turn to 5000 direct BRYCI and hold. Continue climb and hold to 5000.

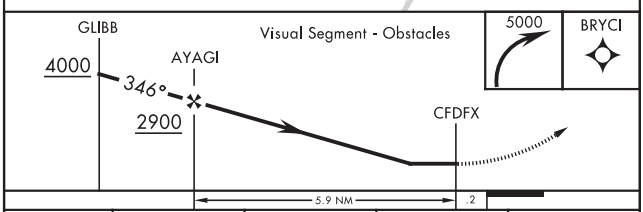
KENAI RADIO	UNICOM	AWOS-3
122.3	126.2 (CTAF) 364.2	



EMERG SAFE ALT 100 NM 11,800

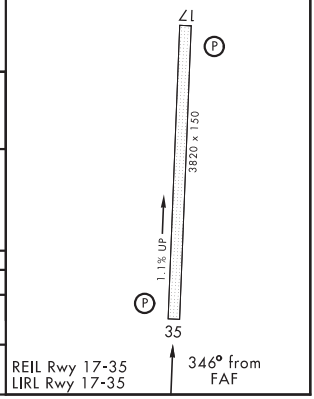
NOT FOR CIVIL USE

MILITARY CERTIFIED AIRCREWS OR AUTHORIZED CONTRACT AIRCRAFT ONLY



CATEGORY	A	B	C	D
LNAV MDA	1640-1 749 (800-1)	1640-1¼ 749 (800-1¼)	1640-2 749 (800-2)	NA
C CIRCLING*	1800-1¼ 867 (900-1¼)	2340-1½ 1407 (1500-1½)	2880-3 1947 (2000-3)	NA

ELEV 933	THRE 891



REIL Rwy 17-35
LIRL Rwy 17-35

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

TAKOTNA, ALASKA 62° 53′N-155° 58′W TATALINA LRRS (PATL)

Amdt 1 26MAY16

RNAV (GPS) RWY 35

TAKOTNA, ALASKA

14261

RNAV (GPS)-A

APCH CRS	Rwy ldg	N/A
207°	TDZE	N/A
	Arpt Elev	933

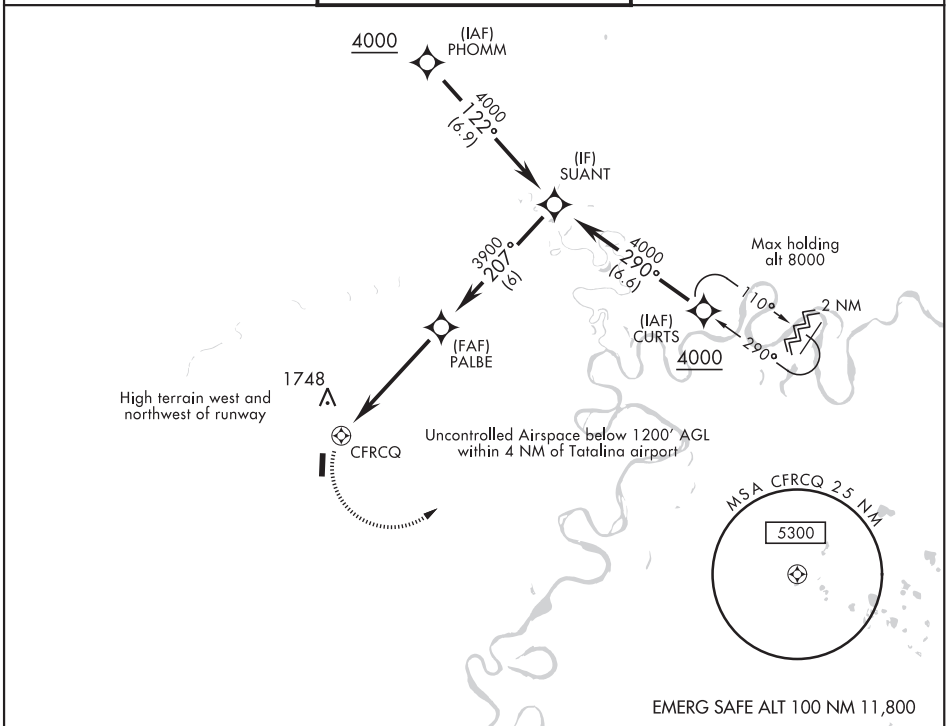
AL-10651 [USAF]

TATALINA LRRS (PATL)

* Circling not authorized west of Runway 17/35
DME/DME RNP 0.3 NA
Night Operations not authorized.

MISSED APPROACH: Climbing left turn to 4000 direct CURTS and hold.

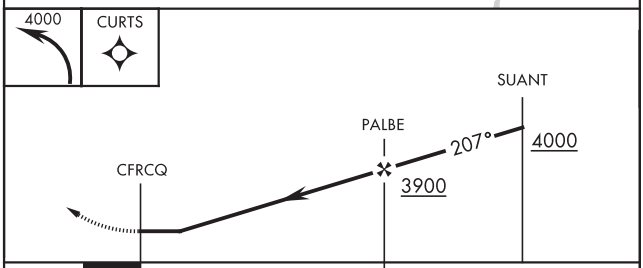
KENAI RADIO	UNICOM	AWOS-3
122.3	126.2 (CTAF) 364.2	

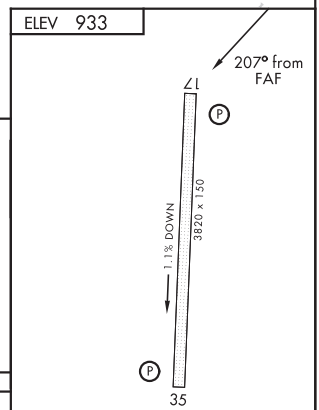


EMERG SAFE ALT 100 NM 11,800

NOT FOR CIVIL USE

MILITARY CERTIFIED AIRCREWS OR
AUTHORIZED CONTRACT AIRCRAFT ONLY





CATEGORY	A	B	C	D
C CIRCLING*	1800-1¼ 867 (900-1¼)	2340-1½ 1407 (1500-1½)	2880-3 1947 (2000-3)	NA

REIL Rwy 17-35
LIRL Rwy 17-35

TAKOTNA, ALASKA

62° 53'N-155° 58'W

TATALINA LRRS (PATL)

Orig 29MAY14

RNAV (GPS)-A

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

SL-10651 [USAF]

AWOS-3
KENAI RADIO
122.3
CTAF
126.2 364.2

Uncontrolled Airspace below 1200′ AGL
within 4 NM of Tatalina airport.

2700

MCGRATH
MCG
L-3, H-1,2

169°

2000

MILITARY CERTIFIED AIRCREWS OR AUTHORIZED CONTRACT AIRCRAFT ONLY

NOT FOR CIVIL USE

RNAV-1

GPS REQUIRED

RADAR REQUIRED
(For Non-GPS Equipped Aircraft)

Night operations not authorized

DME/DME RNP - 0.3 NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 17: Climb heading 169° to 2000, then turn left direct MCG, maintain 4000 or higher as assigned.

TAKE-OFF RWY 35: Not Authorized.

TATITLEK, ALASKA | AL-10333 (FAA) | 19227

RNAV (GPS) RWY 31
TATITLEK (7KA) (PAKA)

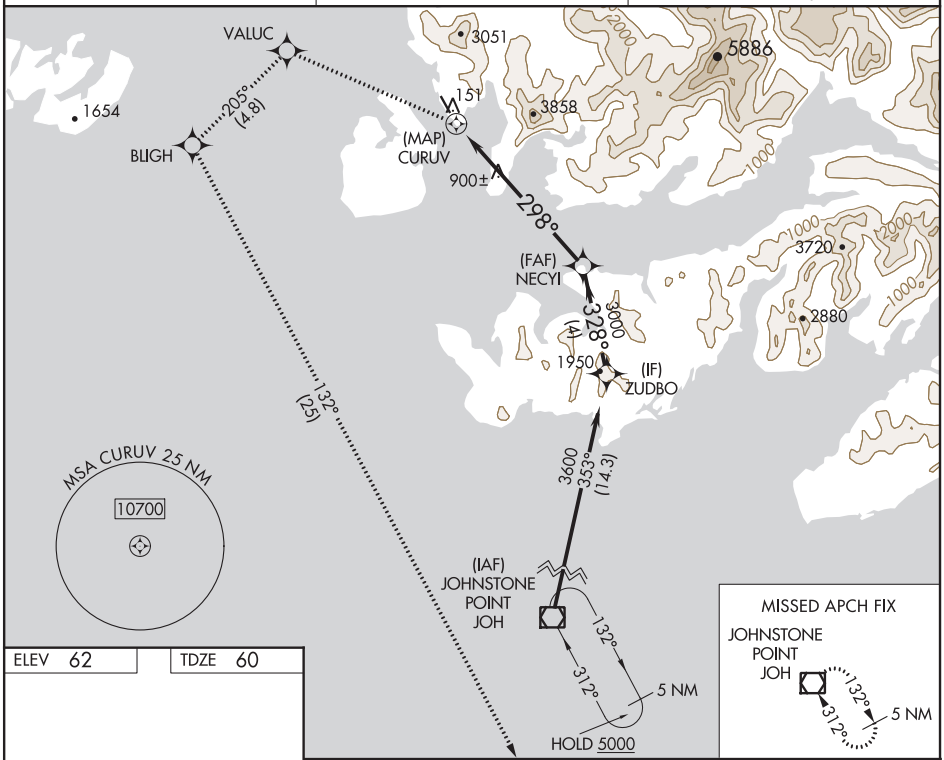
WAAS CH 82225 W31A	APP CRS 298°	Rwy ldg 3701 TDZE 60 Apt Elev 62

NA

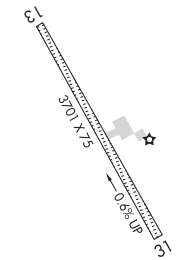
Use Valdez altimeter setting. Circling NA northeast of Rwy 31-13. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climbing left turn to 4400 direct VALUC and on track 205° to BLIGH and on track 132° to JOH VOR/DME and hold.

ANCHORAGE CENTER	JUNEAU RADIO	CTAF
119.3	122.2	122.7 L

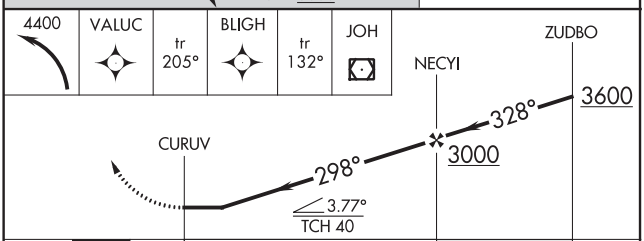


ELEV 62 | TDZE 60



WATER RWY:13W-31W
8000 X 4000

MIRL Rwy 13-31 L



CATEGORY	A	B	C	D
LP MDA	1260-1¼ 1200 (1200-1¼)	1260-1½ 1200 (1200-1½)	NA	
LNAV MDA	1400-1¼ 1340 (1400-1¼)	1400-1½ 1340 (1400-1½)	NA	
CIRCLING	1400-1¼ 1338 (1400-1¼)	1400-1½ 1338 (1400-1½)	NA	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 78143 W08A	APP CRS 080°	Rwy ldg 2983 TDZE 299 Apt Elev 299

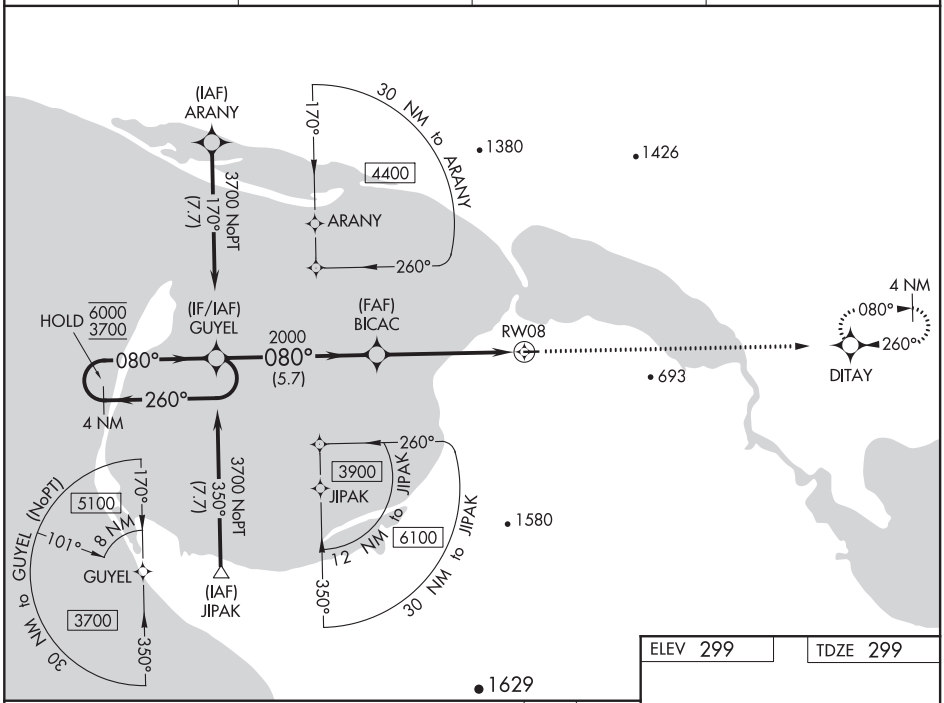
RNAV (GPS) RWY 8
TELLER (TER) (PATE)

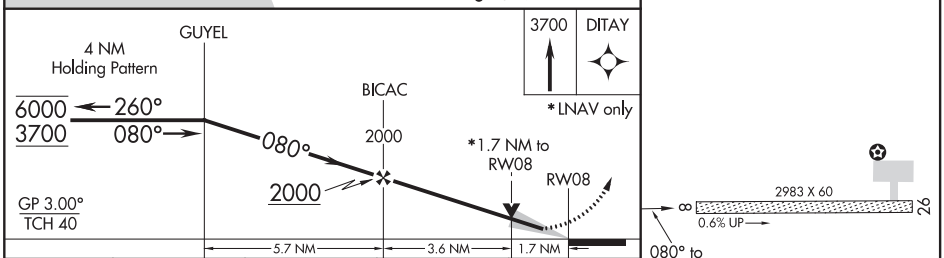
RNP APCH.

Circling NA south of Rwy 8-26. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C or above 54°C.

MISSED APPROACH: Climb to 3700 direct DITAY and hold, continue climb-in-hold to 3700.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
118.375	133.3 290.4	135.6	123.0 L





CATEGORY	A	B	C	D
LPV DA	499-1 200 (200-1)			NA
LNAV/VNAV DA	655-1 356 (400-1)			NA
LNAV MDA	860-1 561 (600-1)		860-1⅝ 561 (600-1⅝)	NA
C CIRCLING	860-1 561 (600-1)	900-1 601 (700-1)	1060-2¼ 761 (800-2¼)	NA

TELLER, ALASKA | AL-10174 (FAA) | 20198

WAAS CH 97543 W26A	APP CRS 260°	Rwy ldg 2983 TDZE 299 Apt Elev 299

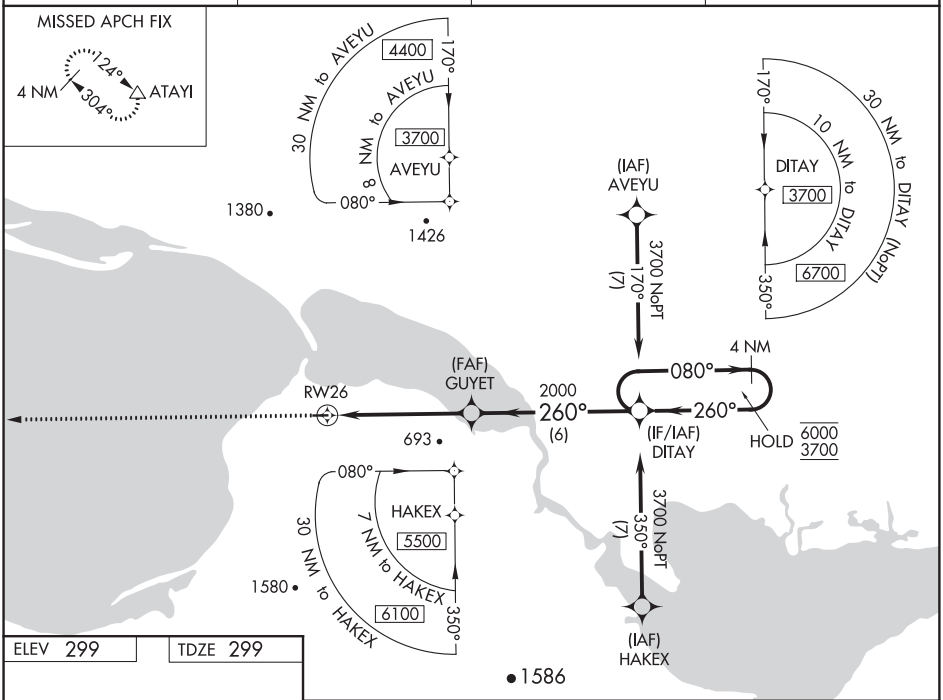
RNAV (GPS) RWY 26
TELLER (TER) (PATE)

RNP APCH.

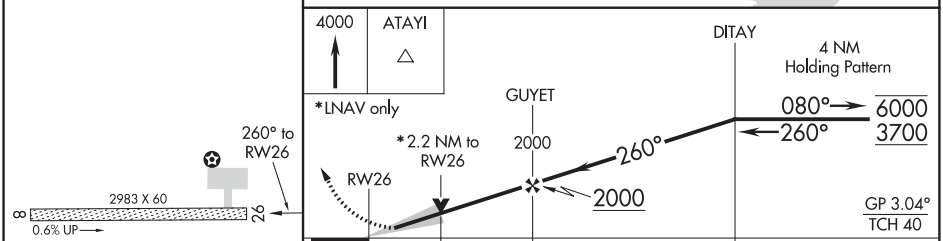
Circling NA south of Rwy 8-26. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C or above 54°C.

MISSED APPROACH: Climb to 4000 direct ATAYI and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
118.375	133.3 290.4	135.6	123.0 L



ELEV 299 | TDZE 299



CATEGORY	A	B	C	D
LPV DA	549-1 250 (300-1)			NA
LNAV/VNAV DA	549-1 250 (300-1)			NA
LNAV MDA	1060-1 761 (800-1)	1060-1¼ 761 (800-1¼)	1060-2½ 761 (800-2½)	NA
C CIRCLING	1060-1 761 (800-1)	1060-1¼ 761 (800-1¼)	1060-2¾ 761 (800-2¾)	NA

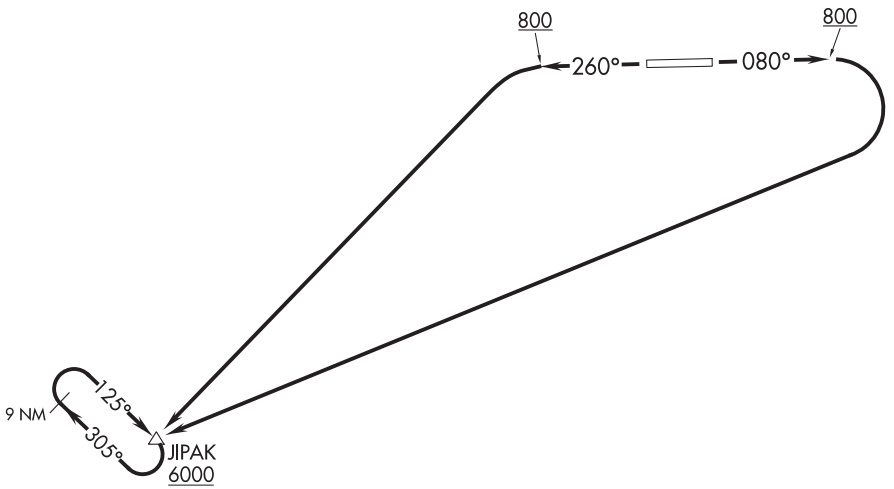
MIRL Rwy 8-26 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3P
118.375
ANCHORAGE CENTER
133.3 290.4
NOME RADIO
135.6



NOTE: GPS required.

NOTE: RNAV 1.

TAKEOFF MINIMUMS
Rwy 8: Standard with minimum climb of 330′ per NM to 1800.
Rwy 26: Standard with minimum climb of 220′ per NM to 800.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 080° to 800, then climbing right turn direct JIPAK, thence. . . .

TAKEOFF RUNWAY 26: Climb on heading 260° to 800, then climbing left turn direct JIPAK, thence. . . .

. . . .continue climb in hold at JIPAK to at or above 6000 then maintain ATC assigned altitude before proceeding on course.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

18312

TIN CITY, ALASKA

RNAV (GPS) RWY 34

APCH CRS	Rwy ldg	4702
345°	TDZE	273
	Arpt Elev	273

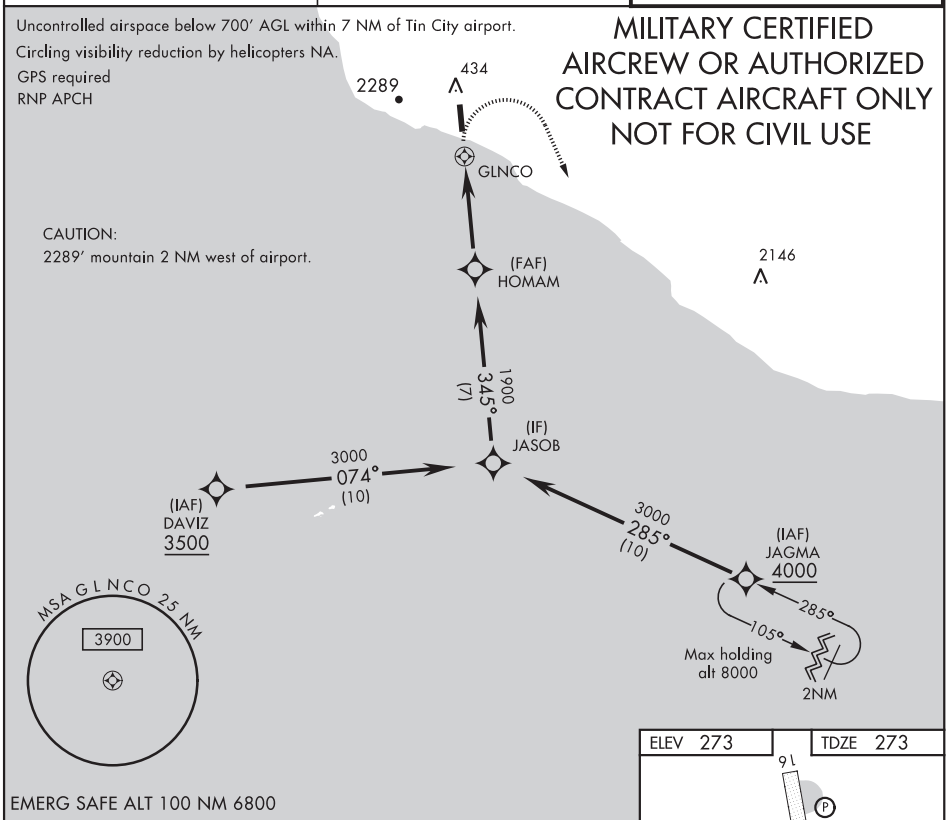
AL-2334 [USAF]

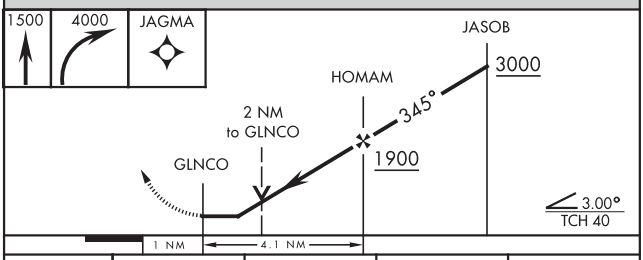
TIN CITY LRRS (PATC)

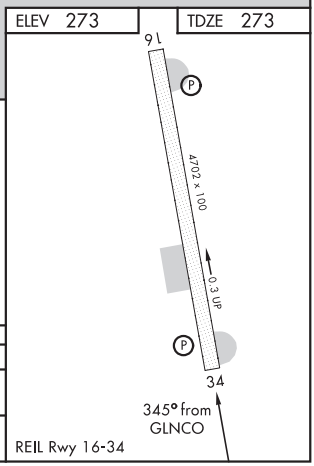
Night operations not authorized
DME/DME RNP - 0.3 NA
*Circling not authorized W of runway 16/34

MISSED APPROACH: Climb to 1500 then climbing right turn to 4000 direct JAGMA and hold.

ANCHORAGE CENTER	TIN CITY RCO (NOME RADIO)	UNICOM
133.3 290.4	122.6	126.2 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1260-1¼ 987 (1000-1¼)	1260-1½ 987 (1000-1½)	1280-3 1007 (1100-3)	
C CIRCLING*	1260-1¼ 987 (1000-1¼)	1260-1½ 987 (1000-1½)	1280-3 1007 (1100-3)	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

TIN CITY, ALASKA

65° 34'N-167° 55'W

TIN CITY LRRS (PATC)

Amdt 1 08NOV18

RNAV (GPS) RWY 34

TIN CITY, ALASKA

NDB/DME RWY 34

NDB/DME TNC 347 Chan 119 (Y)	APCH CRS 339°	Rwy ldg 4702 THRE 242 Arpt Elev 273

AL-2334 [USAF]

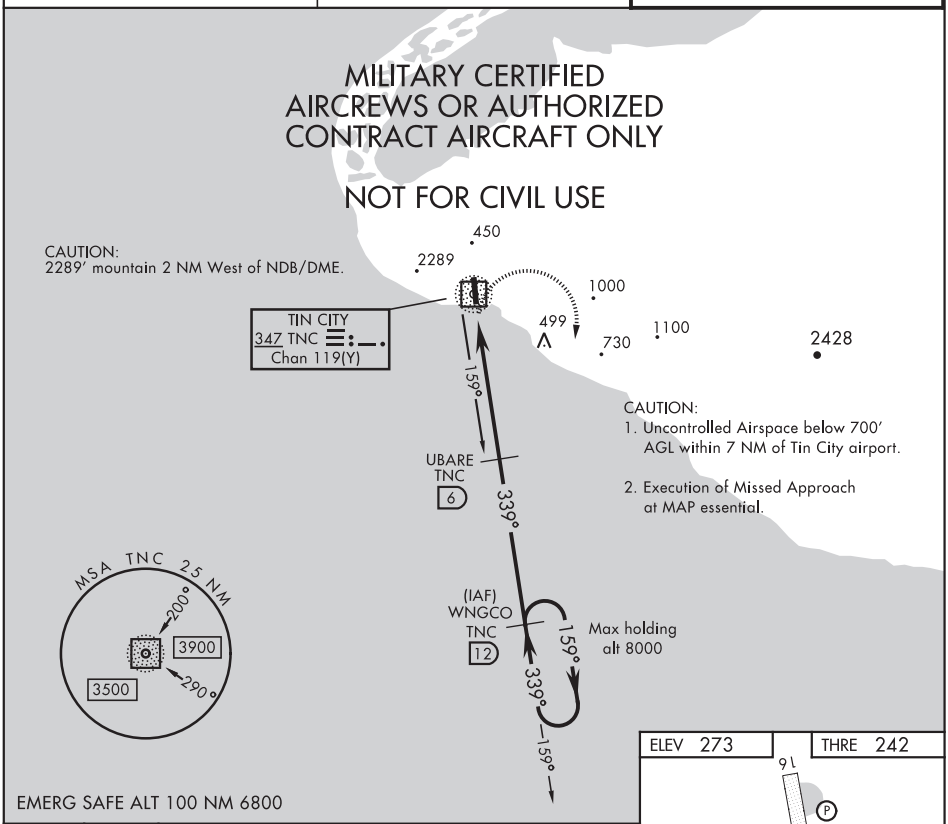
TIN CITY LRRS (PATC)

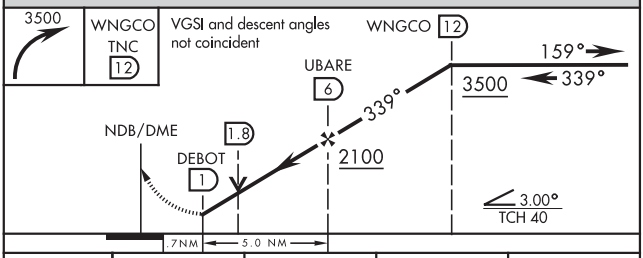
T * Circling not authorized W of Rwy 16-34.

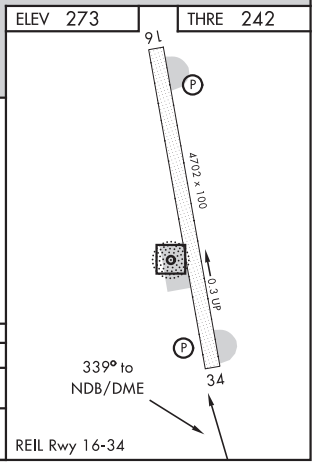
Night operations not authorized.

MISSED APPROACH: Climbing right turn to 3500 intercept TNC 159° bearing to WNGCO and hold. Continue climb-in-hold to 3500.

ANCHORAGE CENTER	TIN CITY RCO (NOME RADIO)	UNICOM
133.3 290.4	122.6	126.2 (CTAF)







CATEGORY	A	B	C	D
S-34	780-1 538 (600-1)		780-1½ 538 (600-1½)	
C CIRCLING*	780-1 507 (600-1)		780-1½ 507 (600-1½)	1120-2¾ 847 (900-2¾)

TIN CITY, ALASKA

Orig 08JAN15

65°34′N-167°55′W

TIN CITY LRRS (PATC)

NDB/DME RWY 34

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

19227

TIN CITY LRRS (PATC)

HONPO TWO DEPARTURE (OBSTACLE) (RNAV) (HONPO2•JIPAK)

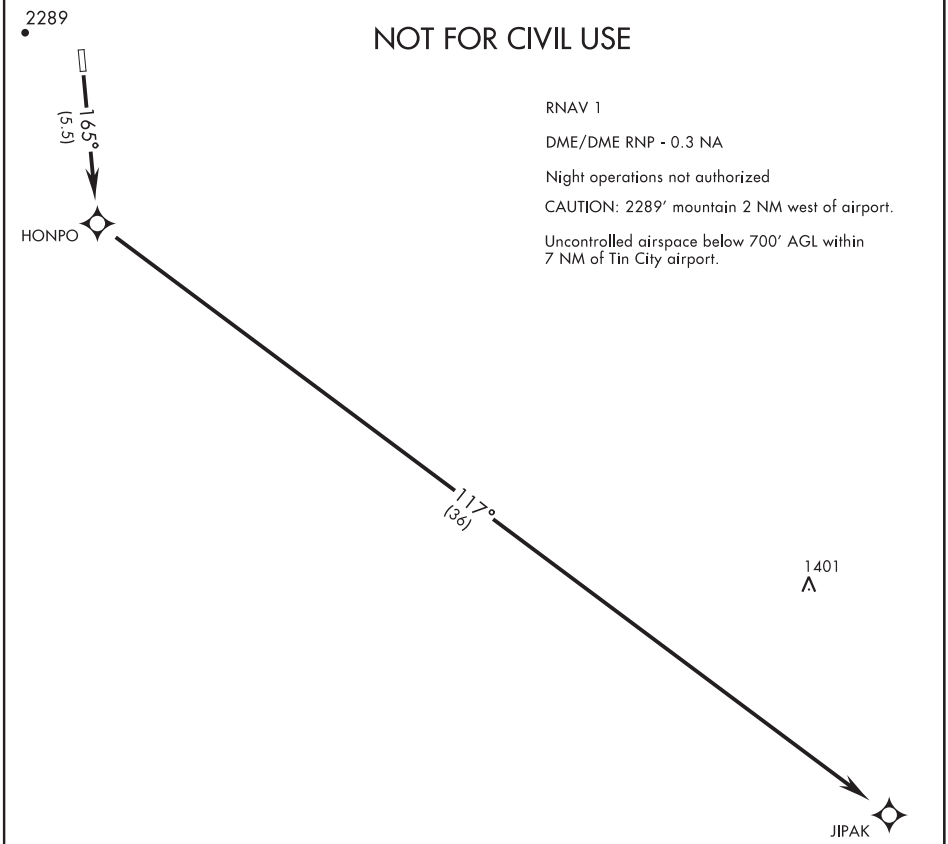
TIN CITY, ALASKA

UNICOM (CTAF)
126.2
TIN CITY RCO (NOME RADIO)
122.6
ANCHORAGE CENTER
133.3 290.4

SL-2334 [USAF]

MILITARY CERTIFIED
AIRCREWS OR AUTHORIZED
CONTRACT AIRCRAFT ONLY

NOT FOR CIVIL USE



RNAV 1

DME/DME RNP - 0.3 NA

Night operations not authorized

CAUTION: 2289′ mountain 2 NM west of airport.

Uncontrolled airspace below 700′ AGL within 7 NM of Tin City airport.

GPS REQUIRED

T

TAKE-OFF RWY 16: Climb to 7000 direct HONPO, then climbing left turn, track 117° to JIPAK.

TAKE-OFF RWY 34: NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

JEKLI ONE DEPARTURE (OBSTACLE) (RNAV) (JEKLI1 • SHH)

SL-2334 [USAF]

Rwy	Knots	60	120	180	240
34	V/V(fpm)	340	680	1020	1360

Minimum obstruction climb rate until 700

UNICOM (CTAF)
126.2
TIN CITY RCO (NOME RADIO)
122.6
ANCHORAGE CENTER
133.3 290.4

MILITARY CERTIFIED
AIRCREW OR AUTHORIZED
CONTRACT AIRCRAFT ONLY

NOT FOR CIVIL USE

GPS REQUIRED

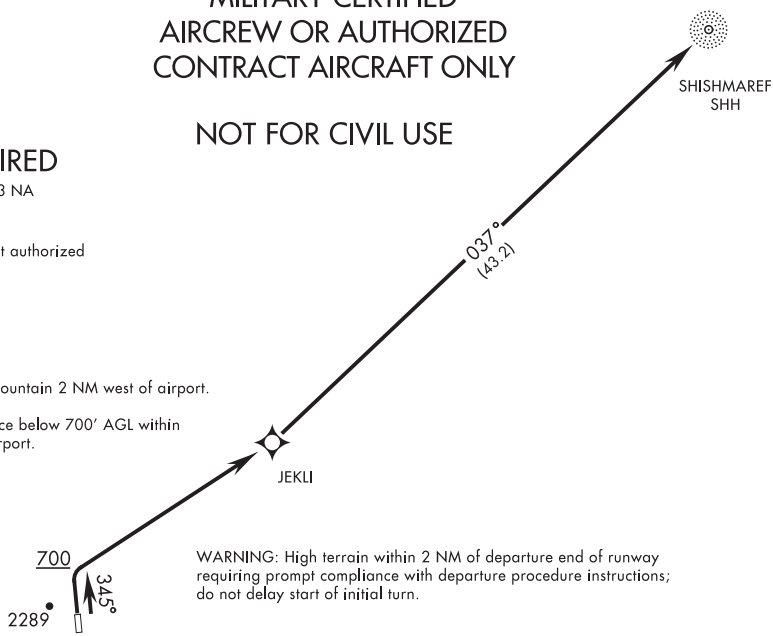
DME/DME RNP - 0.3 NA

RNAV 1

Night operations not authorized

CAUTION: 2289′ mountain 2 NM west of airport.

Uncontrolled airspace below 700′ AGL within 7 NM of Tin City airport.



WARNING: High terrain within 2 NM of departure end of runway requiring prompt compliance with departure procedure instructions; do not delay start of initial turn.

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 16: NA

TAKE-OFF RWY 34: Climb heading 345° to 700, then climbing right turn to 4000 direct JEKLI, then on track 037° to SHH

Orig 18312

TIN CITY FOUR RWY 16 DEPARTURE (TNC4•JIPAK)

TIN CITY LRRS (PATC)
TIN CITY, ALASKA

UNICOM (CTAF)
126.2
TIN CITY RCO (NOME RADIO)
122.6
ANCHORAGE CENTER
133.3 290.4

SL-2334 [USAF]

2428

TIN CITY
347 TNC
Chan 119 (Y)

2289
1134
450
2256

123°

MILITARY CERTIFIED
AIRCREWS OR AUTHORIZED
CONTRACT AIRCRAFT ONLY

NOT FOR CIVIL USE

2119

Night operations not authorized.

Uncontrolled Airspace below 700' AGL
within 7 NM of Tin City airport.

123°

1401

ATAYI

JIPAK
L-2,H-2

EMERG SAFE ALT 100 NM 6800

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 16: Climbing left turn to 7000, intercept TNC 123° bearing to ATAYI, then direct JIPAK.

TAKE-OFF RWY 34: NA

TIN CITY FOUR RWY 16 DEPARTURE (TNC4•JIPAK)

TIN CITY, ALASKA
TIN CITY LRRS (PATC)

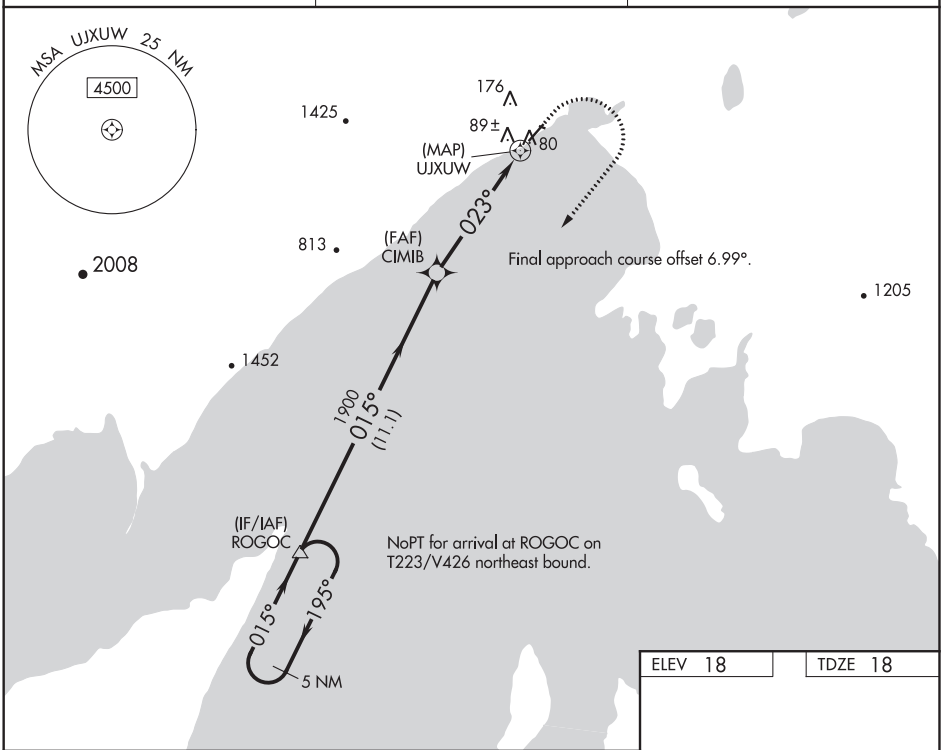
WAAS CH 69441 W03A	APP CRS 023°	Rwy ldg 4400 TDZE 18 Apt Elev 18

RNAV (GPS) RWY 3
TOGIAK (TOG)(PATG)

Circling NA northwest of Rwy 3-21.
Rwy 3 helicopter visibility reduction below 1 SM NA.
DME/DME RNP-0.3 NA. Procedure NA at night.

MISSED APPROACH: Climb to 420 then climbing right turn to 4400 direct ROGOC and hold, continue climb-in-hold to 4400.

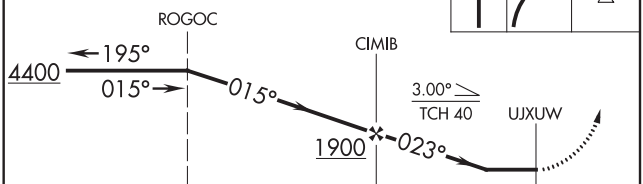
AWOS-3P	ANCHORAGE CENTER	CTAF
119.3	132.75 282.35	122.5 L

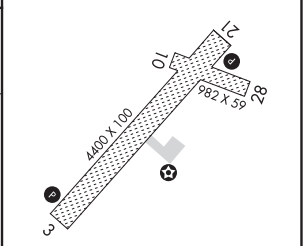


ELEV 18 TDZE 18

5 NM Holding Pattern

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 25).





CATEGORY	A	B	C	D
LP MDA	380-1 362 (400-1)			
LNAV MDA	400-1 382 (400-1)		400-1⅛ 382 (400-1⅛)	
C CIRCLING	400-1 382 (400-1)	480-1 462 (500-1)	480-1½ 462 (500-1½)	800-2½ 782 (800-2½)

MIRL Rwy 3-21 L

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

TOGIAK VILLAGE, ALASKA | AL-6819 (FAA) | 20086

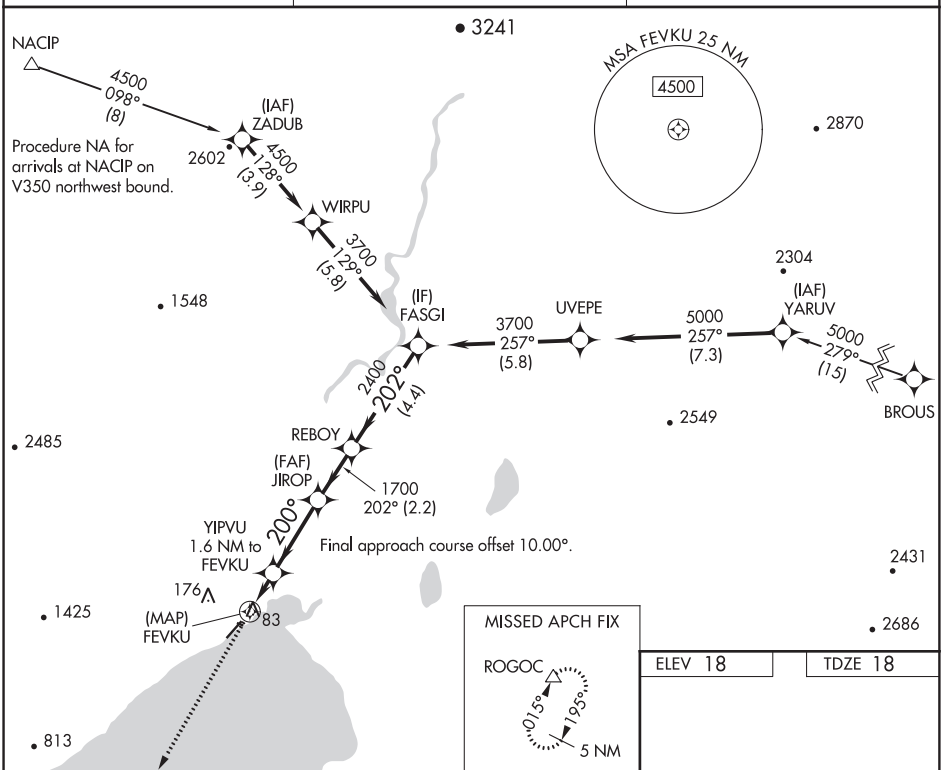
RNAV (GPS) RWY 21
TOGIAK (TOG)(PATG)

WAAS CH 72841 W21A	APP CRS 200°	Rwy ldg 4400 TDZE 18 Apt Elev 18

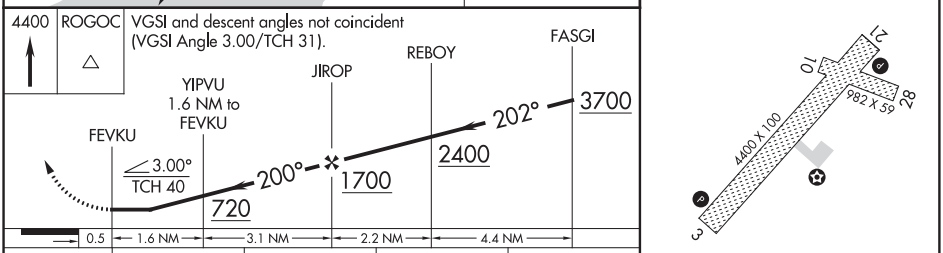
Circling NA northwest of Rwy 3-21.
Rwy 21 helicopter visibility reduction below 1 SM NA.
DME/DME RNP-0.3 NA. Procedure NA at night.

MISSED APPROACH: Climb to 4400 direct ROGOC and hold, continue climb-in-hold to 4400.

AWOS-3P	ANCHORAGE CENTER	CTAF
119.3	132.75 282.35	122.5 L



ELEV 18 | TDZE 18



CATEGORY	A	B	C	D
LP MDA	340-1 322 (400-1)			
LNAV MDA	340-1 322 (400-1)			
C CIRCLING	400-1 382 (400-1)	480-1 462 (500-1)	480-1½ 462 (500-1½)	800-2½ 782 (800-2½)

MIRL Rwy 3-21 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	2509
070°	TDZE	1643
	Apt Elev	1643

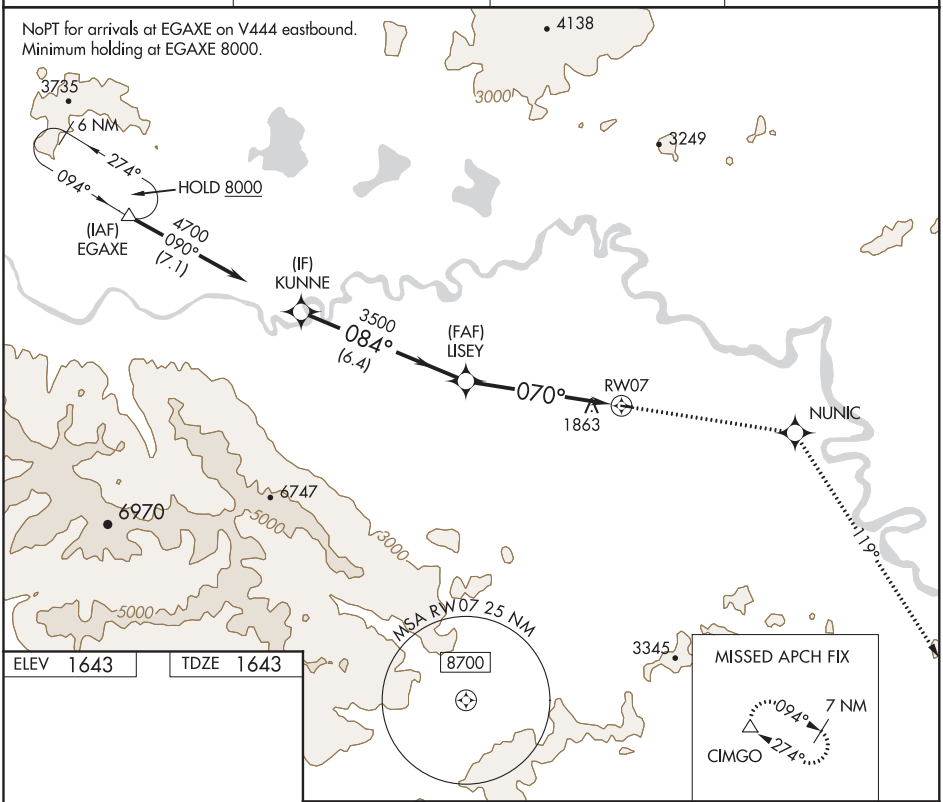
RNAV (GPS) RWY 7
TOK JUNCTION (6K8) (PFTO)

NA

DME/DME RNP-0.3 NA.
Use Northway altimeter setting.

MISSED APPROACH: Climb to 8000 direct NUNIC and via 119° track to CIMGO and hold, continue climb-in-hold to 8000.

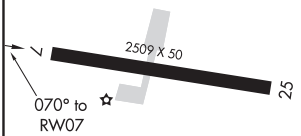
ORT/PAOR ASOS	ANCHORAGE CENTER	NORTHWAY RADIO	UNICOM
135.4	126.55 323.0	122.4	122.8 (CTAF) L



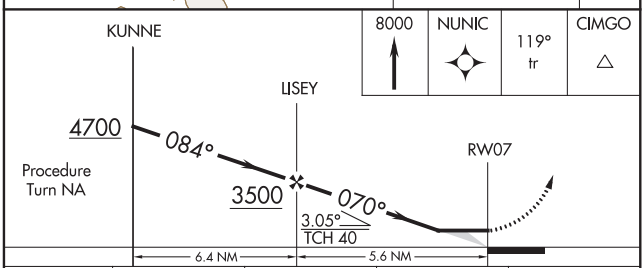
AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

ELEV 1643 TDZE 1643



MIRL Rwy 7-25 L



CATEGORY	A	B	C	D
LNAV MDA	2500-1 857 (900-1)	2500-1¼ 857 (900-1¼)	2500-2½ 857 (900-2½)	NA
CIRCLING	2540-1¼ 897 (900-1¼)		2540-2¾ 897 (900-2¾)	NA

TOK, ALASKA | AL-10059 (FAA) | 20310

RNAV (GPS)-A
TOK JUNCTION (6K8) (PFTO)

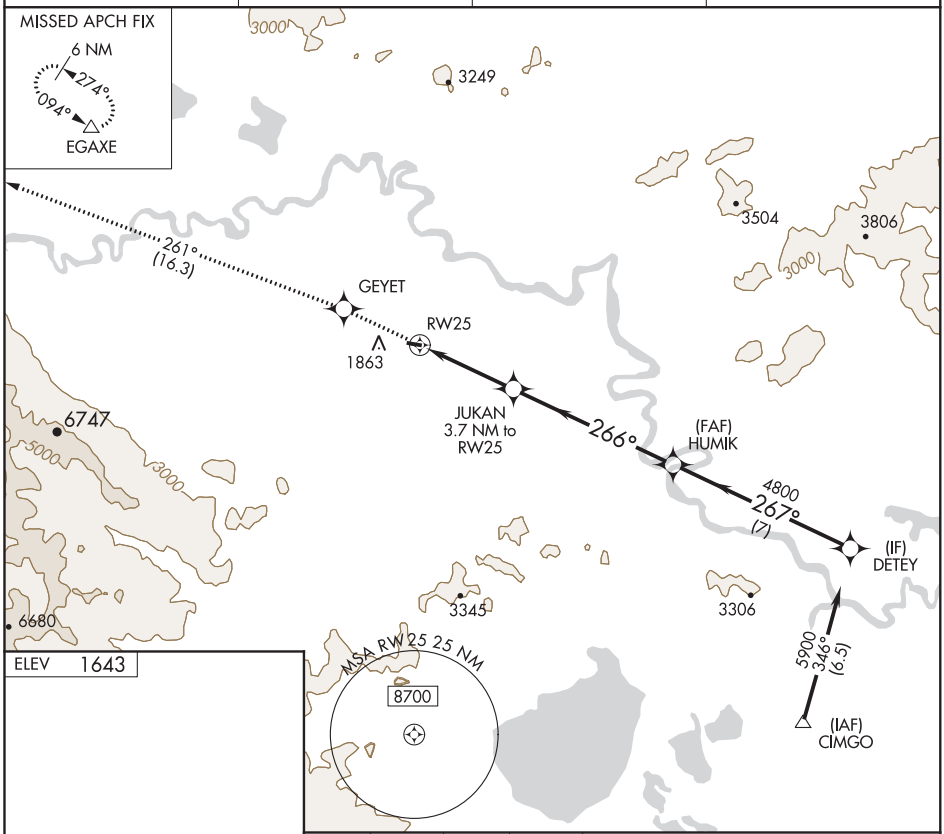
APP CRS	Rwy ldg	N/A
266°	TDZE	N/A
	Apt Elev	1643

NA

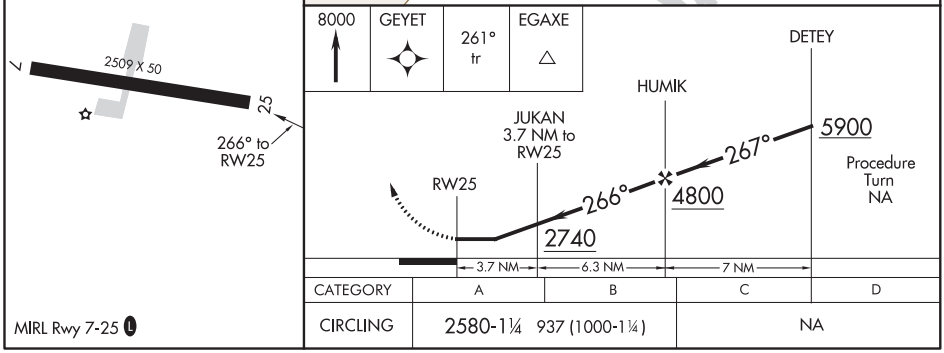
DME/DME RNP-0.3 NA.
Use Northway altimeter setting.

MISSED APPROACH: Climb to 8000 direct GEYET and via 261° track to EGAXE and hold, continue climb-in-hold to 8000.

ORT/PAOR ASOS	ANCHORAGE CENTER	NORTHWAY RADIO	UNICOM
135.4	126.55 323.0	122.4	122.8 (CTAF) L



ELEV 1643



CATEGORY	A	B	C	D
CIRCLING	2580-1¼ 937 (1000-1¼)			NA

MIRL Rwy 7-25 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

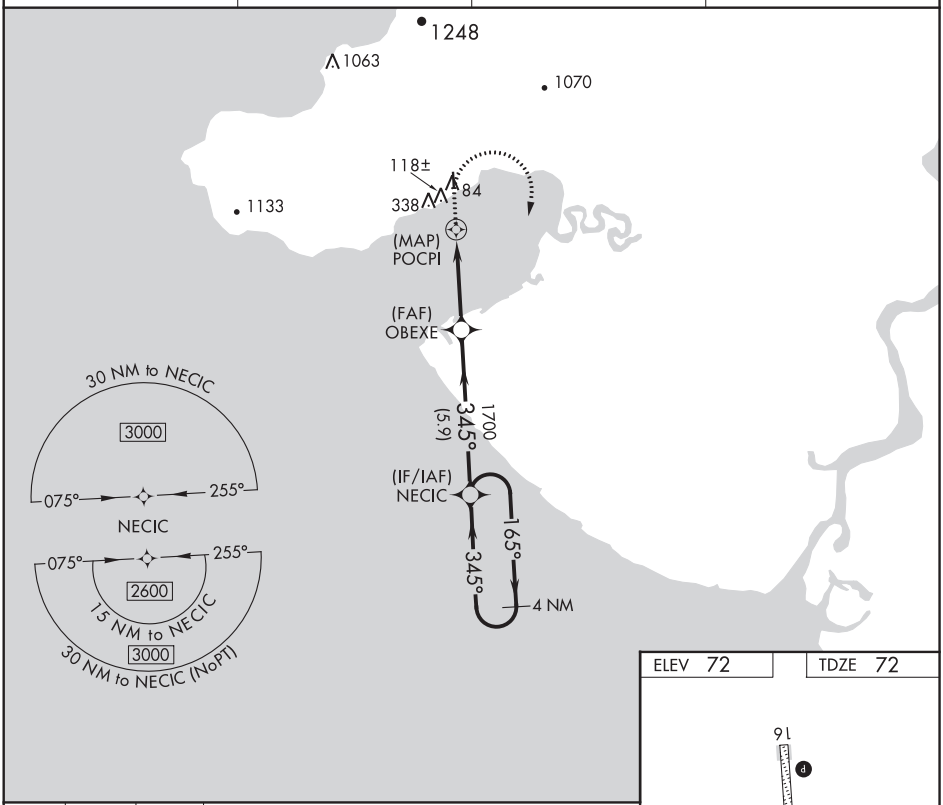
WAAS CH 93524 W34A	APP CRS 345°	Rwy ldg 3218 TDZE 72 Apt Elev 72

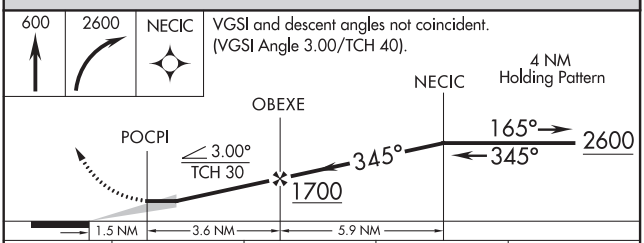
RNAV (GPS) RWY 34
TOKSOOK BAY (OOK)(PAOO)

Circling NA west of Rwy 16-34. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Mekoryuk altimeter setting and increase all MDA 100 feet.

MISSED APPROACH: Climb to 600 then climbing right turn to 2600 direct NECIC and hold.

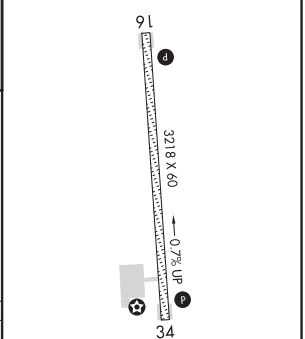
AWOS-3P	ANCHORAGE CENTER	KENAI RADIO	CTAF
119.275	125.2 372.0	122.6	122.9 L





CATEGORY	A	B	C	D
LP MDA	340-1¾ 268 (300-1¾)		NA	
LNAV MDA	420-1¾ 348 (400-1¾)		NA	
CIRCLING	460-1¾ 388 (400-1¾)	540-1¾ 468 (500-1¾)	NA	

ELEV 72 TDZE 72



REIL Rwys 16 and 34 L
MIRL Rwy 16-34 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

UNALAKLEET, ALASKA | AL-1253 (FAA) | 19227

RNAV (GPS) RWY 33
UNALAKLEET (UNK)(PAUN)

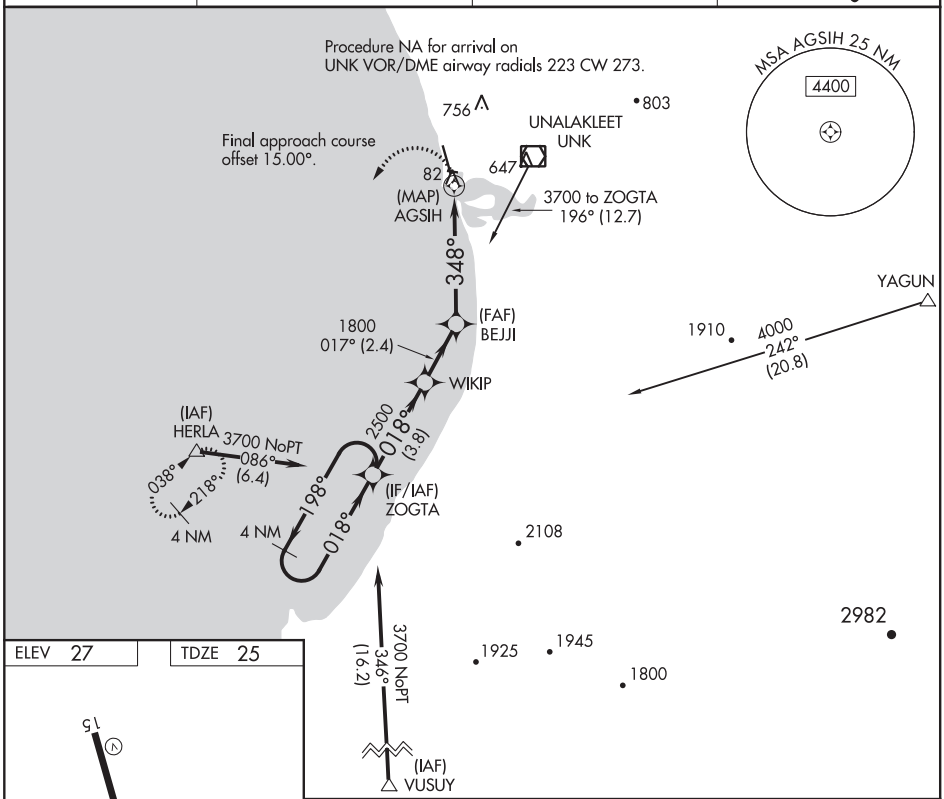
APP CRS	Rwy ldg	5900
348°	TDZE	25
	Apt Elev	27

Circling NA east of Rwy 15-33. Circling Rwy 9 NA at night.
Rwy 33 helicopter visibility reduction below ¾ SM NA.
DME/DME RNP- 0.3 NA.

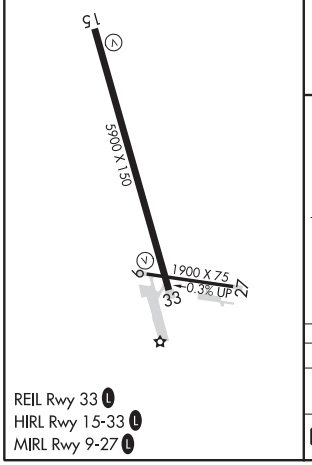
-39°C

MISSED APPROACH:
Climbing left turn to 3700 direct HERLA and hold, continue climb-in-hold to 3700.

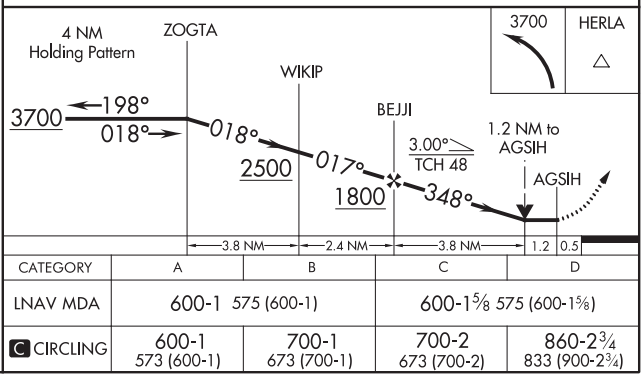
AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
132.25	135.7 335.5	122.3	123.0 L



ELEV 27 | TDZE 25



REIL Rwy 33 L
HIRL Rwy 15-33 L
MIRL Rwy 9-27 L



CATEGORY	A	B	C	D
LNAV MDA	600-1 575 (600-1)		600-1⅝ 575 (600-1⅝)	
C CIRCLING	600-1 573 (600-1)	700-1 673 (700-1)	700-2 673 (700-2)	860-2¾ 833 (900-2¾)

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

RNAV (GPS)-A
UNALAKLEET (UNK)(PAUN)

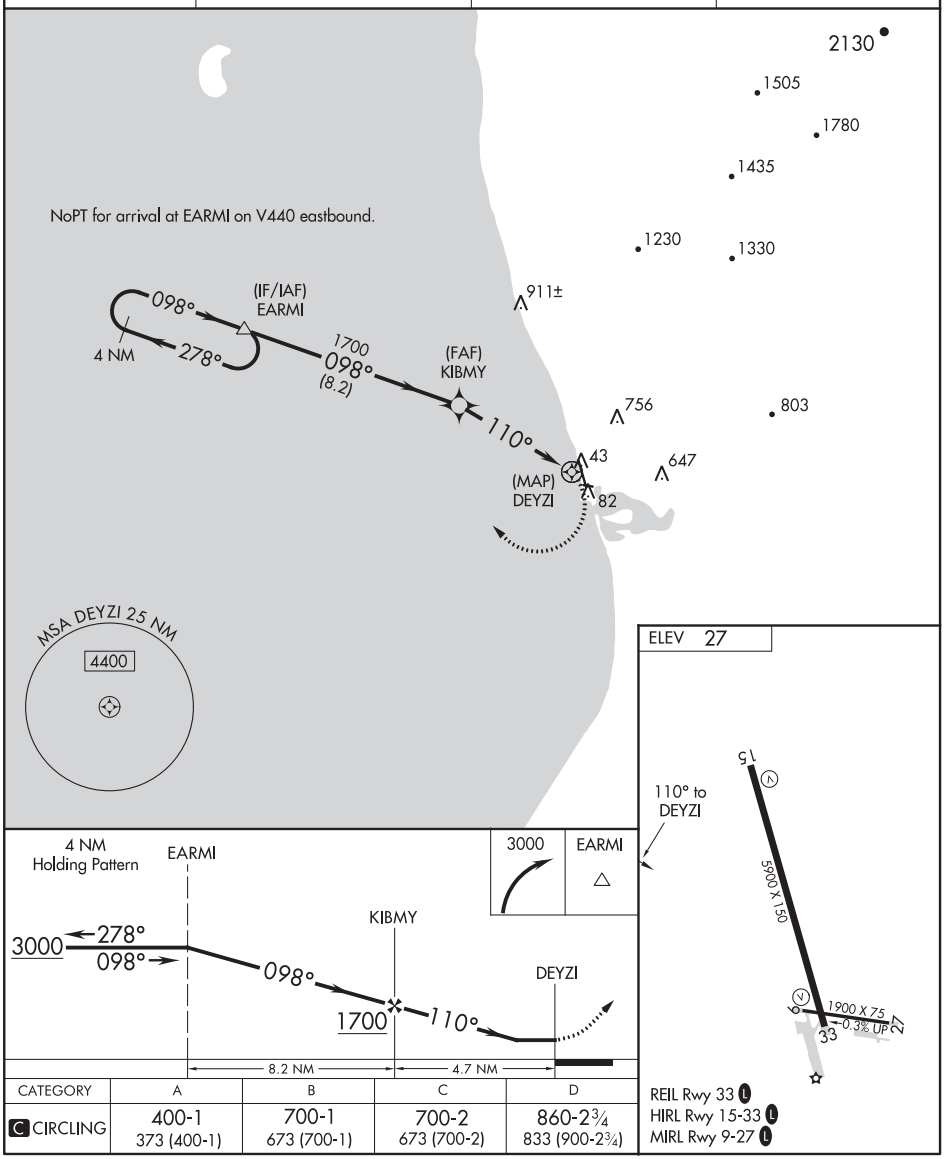
APP CRS	Rwy ldg	N/A
110°	TDZE	N/A
	Apt Elev	27

Circling to Rwy 9 NA at night.
Circling NA east of Rwy 15-33.
DME/DME RNP-0.3 NA.

-39°C

MISSED APPROACH: Climbing right turn to 3000 direct EARMI and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
132.25	135.7 335.5	122.3	123.0 L



CATEGORY	A	B	C	D
C CIRCLING	400-1 373 (400-1)	700-1 673 (700-1)	700-2 673 (700-2)	860-2¾ 833 (900-2¾)

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

UNALAKLEET, ALASKA | AL-1253 (FAA) | 19339

LOC RWY 15
UNALAKLEET (UNK)(PAUN)

LOC/DME I-UNK	APP CRS	Rwy ldg 5900
111.3	150°	TDZE 27
Chan 50		Apt Elev 27

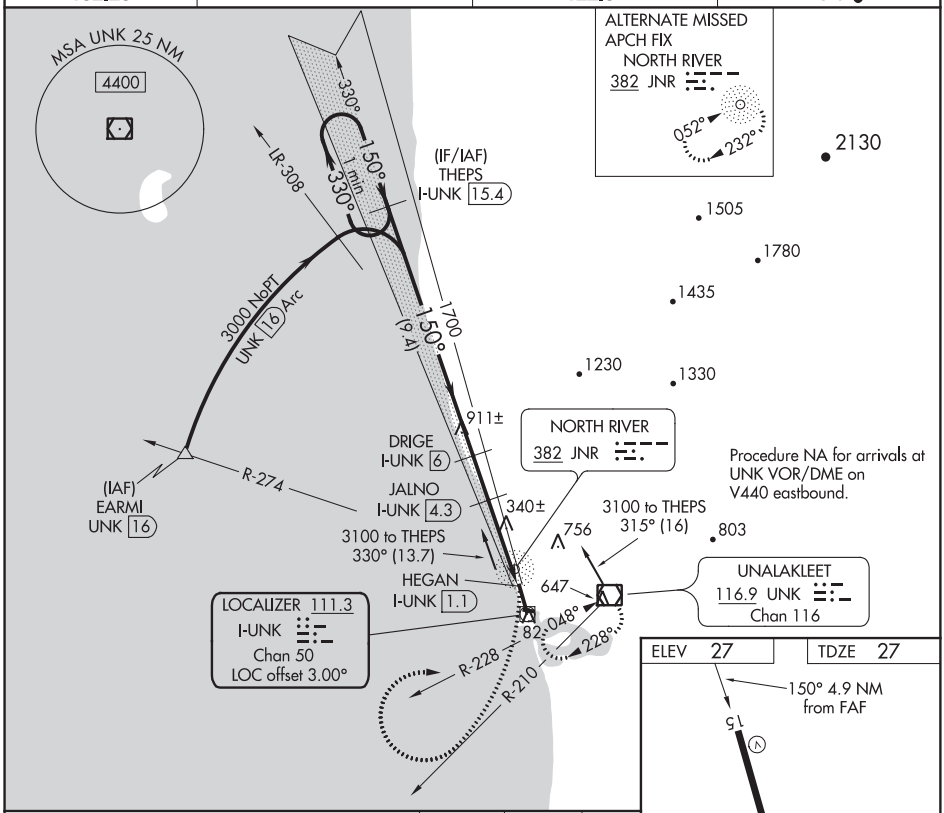
DME required.

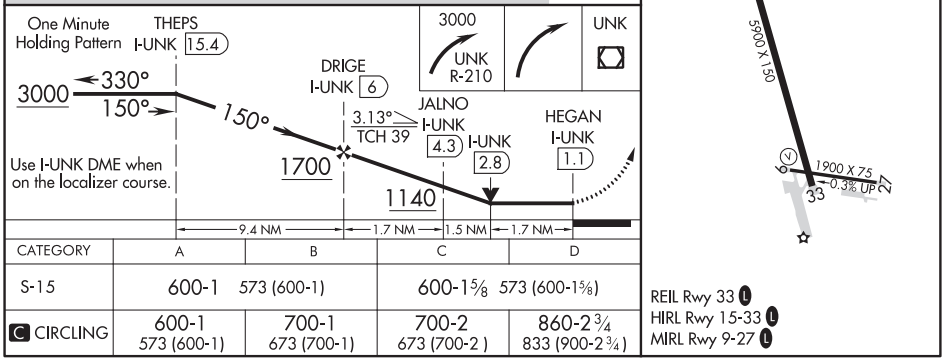
Circling NA east of Rwy 15-33. Circling Rwy 9 NA at night. Rwy 15 helicopter visibility reduction below ¾ SM NA.

-39°C

MISSED APPROACH: Climbing right turn to 3000 on UNK VOR/DME R-210 then right turn direct UNK VOR/DME and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
132.25	135.7 335.5	122.3	123.0 L





CATEGORY	A	B	C	D
S-15	600-1 573 (600-1)		600-1⅝ 573 (600-1⅝)	
C CIRCLING	600-1 573 (600-1)	700-1 673 (700-1)	700-2 673 (700-2)	860-2¾ 833 (900-2¾)

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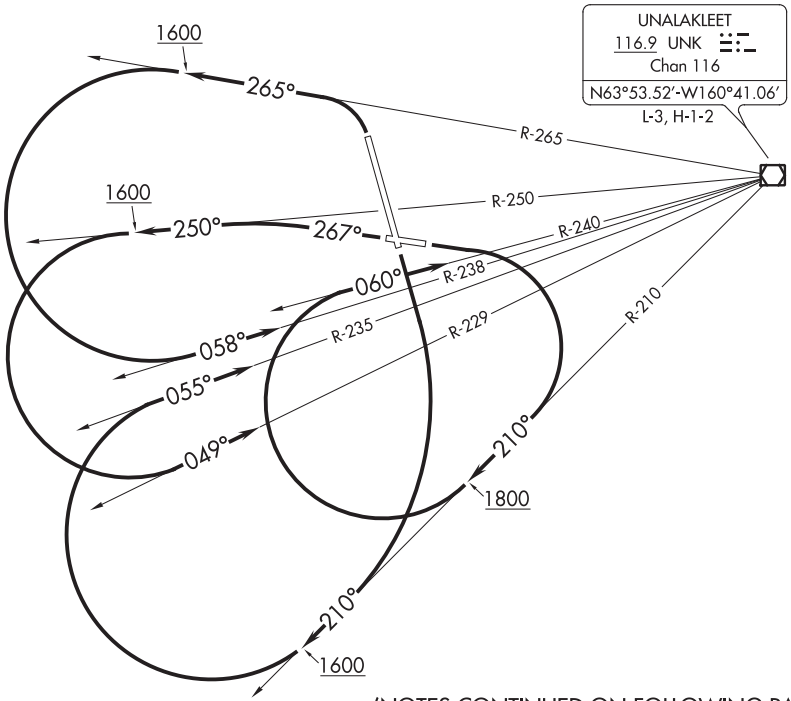
UNALAKLEET ONE DEPARTURE (OBSTACLE)

AWOS-3P
132.25
NOME RADIO
122.3
ANCHORAGE CENTER
135.7 335.5

TAKEOFF MINIMUMS
Rwys 15, 27: Standard.
Rwy 9: 400-3 or standard with minimum climb of 220′ per NM to 500.
Rwy 33: 400-2¼ or standard with minimum climb of 320′ per NM to 600.



NOTE: Chart not to scale.

(NOTES CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climbing right turn to intercept UNK VOR/DME R-210 to 1800, then climbing right turn to intercept UNK VOR/DME R-240 to UNK VOR/DME before proceeding on course.
TAKEOFF RUNWAY 15: Climbing right turn to intercept UNK VOR/DME R-210 to 1600, then climbing right turn to intercept UNK VOR/DME R-235 to UNK VOR/DME before proceeding on course.
TAKEOFF RUNWAY 27: Climb on heading 267° and UNK VOR/DME R-250 to 1600, then climbing left turn to intercept UNK VOR/DME R-229 to UNK VOR/DME before proceeding on course.
TAKEOFF RUNWAY 33: Climbing left turn to intercept UNK VOR/DME R-265 to 1600, then climbing left turn to intercept UNK VOR/DME R-238 to UNK VOR/DME before proceeding on course.

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UNALAKLEET ONE DEPARTURE (OBSTACLE)

TAKEOFF OBSTACLE NOTES

Rwy 9: Buildings beginning 30′ from DER, 346′ right of centerline, up to 27′ AGL/45′ MSL. Vehicles on road beginning 99′ from DER, crossing extended runway centerline, up to 15′ AGL/39′ MSL. Catenary 2.2 NM from DER, 2658′ left of centerline, 32′ AGL/369′ MSL. Catenaries, trees beginning 2.3 NM from DER, 2699′ left of centerline, up to 37′ AGL/402′ MSL.

Rwy 15: Building 111′ from DER, 510′ right of centerline, 9′ AGL/30′ MSL. Antenna, building, pole beginning 417′ from DER, 278′ right of centerline, up to 26′ AGL/47′ MSL. Antenna, buildings beginning 498′ from DER, 520′ right of centerline, up to 36′ AGL/56′ MSL. Antenna, light pole beginning 1050′ from DER, 425′ right of centerline, up to 45′ AGL/64′ MSL. Tower 2118′ from DER, 140′ right of centerline, 66′ AGL/82′ MSL. Poles, catenary, antenna beginning 492′ from DER, 594′ left of centerline, up to 32′ AGL/46′ MSL. Catenary, pole beginning 689′ from DER, 585′ left of centerline, up to 33′ AGL/47′ MSL. Antenna 1276′ From DER, 136′ left of centerline, 40′ AGL/60′ MSL. Building 1280′ from DER, 133′ left of centerline, 62′ MSL.

Rwy 27: Vegetation 10′ from DER, 308′ right of centerline, 25′ MSL. Fence beginning 53′ from DER, 425′ left of centerline, up to 8′ AGL/28′ MSL. Terrain 244′ from DER, 333′ right of centerline, 33′ MSL.

Rwy 33: Vehicles on road, tree beginning 12′ from DER, 145′ right of centerline, up to 15′ AGL/48′ MSL. Vehicles on road 674′ from DER, 9′ left of centerline, 15′ AGL/51′ MSL. Trees beginning 1.2 NM from DER, 1978′ right of centerline, up to 36′ AGL/251′ MSL. Trees, vegetation beginning 1.3 NM from DER, 1965′ right of centerline, up to 32′ AGL/291′ MSL. Trees beginning 1.4 NM from DER, 1598′ right of centerline, up to 33′ AGL/334′ MSL. Trees, terrain, vegetation beginning 1.5 NM from DER, 1596′ right of centerline, up to 31′ AGL/408′ MSL. Terrain, vegetation, tree beginning 1.6 NM from DER, 1397′ right of centerline, up to 26′AGL/414′ MSL.

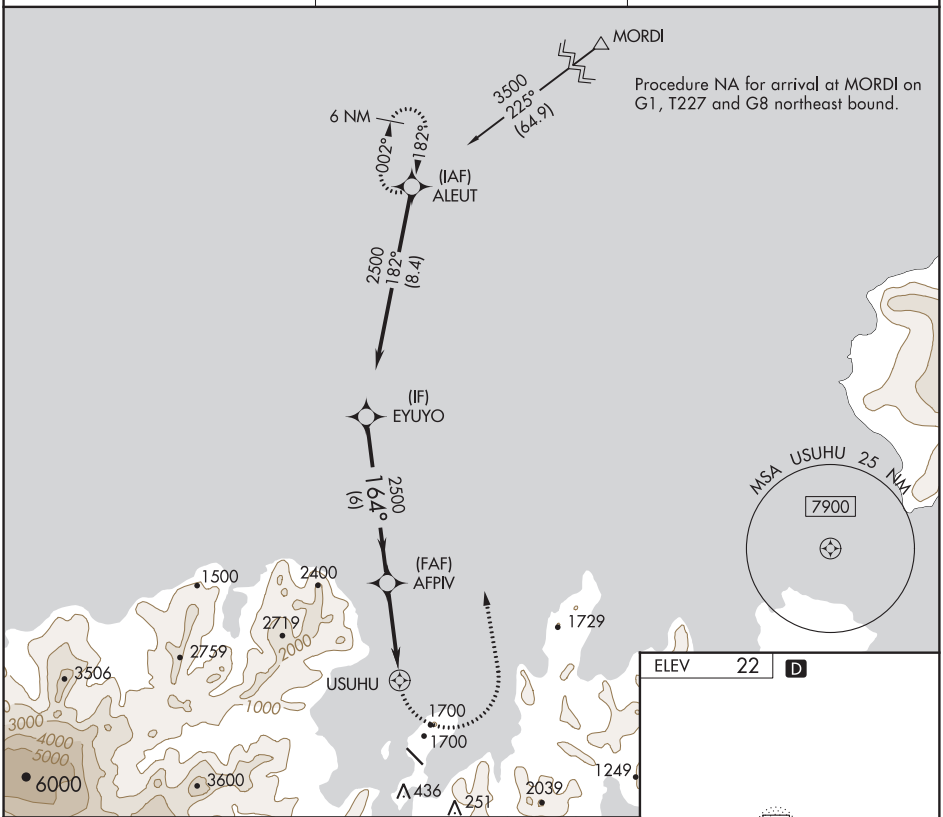
APP CRS	Rwy ldg	N/A
164°	TDZE	N/A
	Apt Elev	22

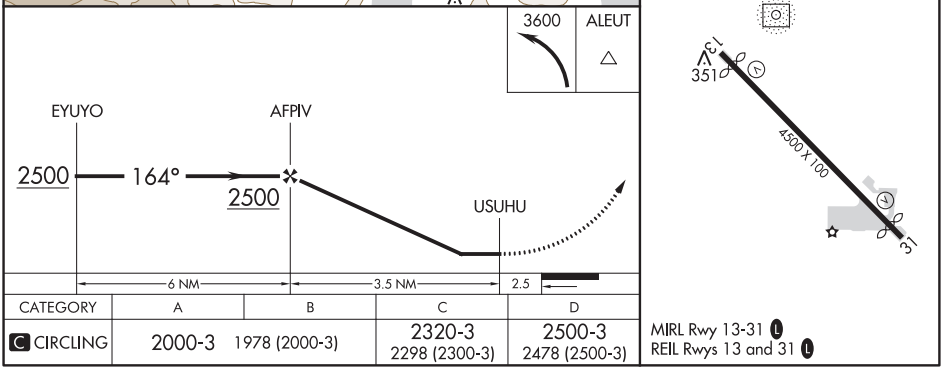
RNAV (GPS)-B
UNALASKA (DUT) (PADU)

Circling NA northeast of Rwy 13-31. DME/DME RNP-0.3 NA. Procedure NA at night. When local altimeter setting not received, use Akutan altimeter setting and increase all MDAs 100 feet.

MISSED APPROACH: Climbing left turn to 3600 direct ALEUT and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
125.8	121.4	122.6 L ★





CATEGORY	A	B	C	D
C CIRCLING	2000-3	1978 (2000-3)	2320-3 2298 (2300-3)	2500-3 2478 (2500-3)

AK, 05 NOV 2020 to 31 DEC 2020

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NDB/DME DUT 283 Chan 86 (113.9)	APP CRS 171°	Rwy ldg N/A TDZE N/A Apt Elev 22

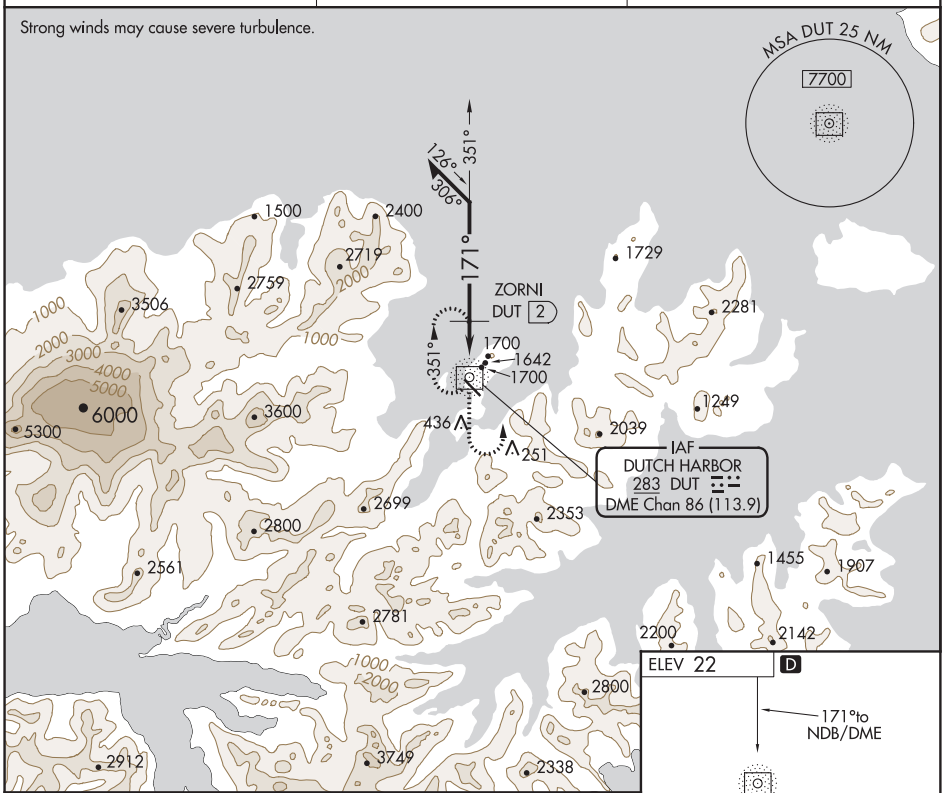
NDB-A
UNALASKA (DUT) (PADU)

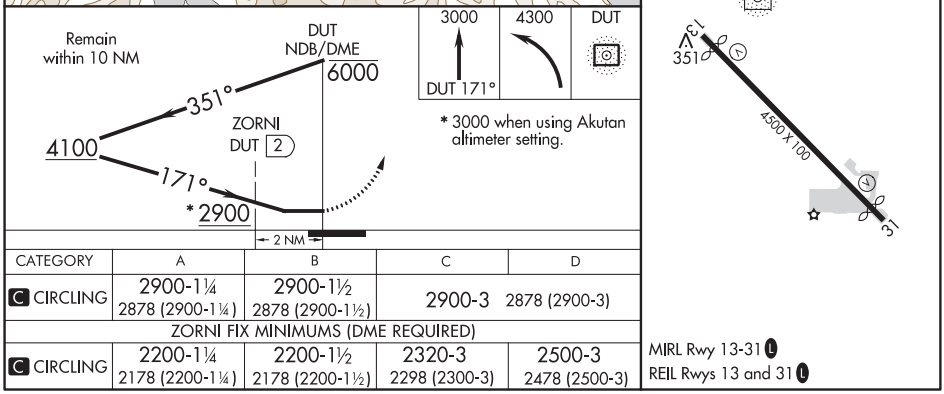
Circling NA northeast of Rwy 12-30. Procedure NA at night. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Akutan altimeter setting and increase all MDAs 100 feet. Descend to 6000 in holding pattern.

MISSED APPROACH: Climb to 3000 on DUT NDB/DME bearing 171° then climbing left turn to 4300 direct DUT NDB/DME and hold.

AWOS-3P	ANCHORAGE CENTER	CTAF
125.8	121.4	122.6 L *

Strong winds may cause severe turbulence.





CATEGORY	A	B	C	D
C CIRCLING	2900-1¼ 2878 (2900-1¼)	2900-1½ 2878 (2900-1½)	2900-3 2878 (2900-3)	
ZORNI FIX MINIMUMS (DME REQUIRED)				
C CIRCLING	2200-1¼ 2178 (2200-1¼)	2200-1½ 2178 (2200-1½)	2320-3 2298 (2300-3)	2500-3 2478 (2500-3)

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LOC/DME I-VDZ	APP CRS	Rwy ldg	N/A
109.5	057°	TDZE	N/A
Chan 32		Apt Elev	121

LDA-H

VALDEZ PIONEER FIELD (VDZ) (PAVD)

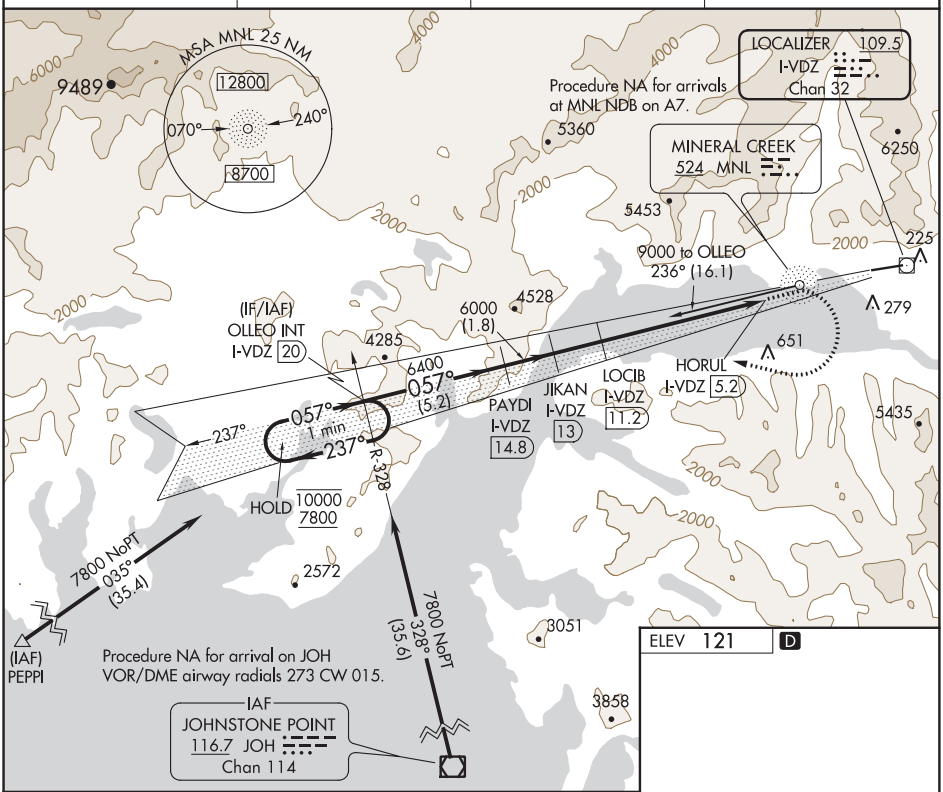
DME required. From PEPPI: RNAV 1-GPS required.

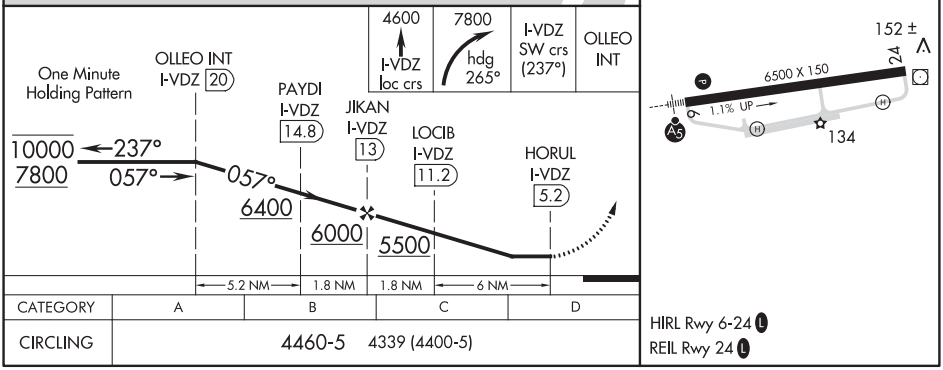
Circling NA north of Rwy 6-24.

-11°C

MISSED APPROACH: Climb on I-VDZ localizer course to 4600 then climbing right turn to 7800 on heading 265° and I-VDZ SW course (237°) to OLLEO INT/I-VDZ 20 DME and hold, continue climb-in-hold to 7800.

AWOS-3P	ANCHORAGE CENTER	JUNEAU RADIO	CTAF
118.8	119.3 269.4	122.2	122.9 L





CATEGORY	A	B	C	D
CIRCLING	4460-5	4339 (4400-5)		

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

(JMAAL3.NAKED) 17229

JMAAL THREE DEPARTURE (OBSTACLE)

VALDEZ PIONEER FIELD (VDZ) (PAVD)
AL-6213 (FAA)
VALDEZ, ALASKA

ANCHORAGE CENTER
119.3 269.4
JUNEAU RADIO
122.2

OLLEO
N61°03.32′
W146°53.21′

236°
(16)

1300
Rwy 6 only.

MINERAL CREEK
524 MNL
N61°07.45′-W146°21.13′

36

LR-332

148°
(11)

NOTE: ADF and DME required.
NOTE: Rwy 6, visual conditions must be maintained until established on the MNL NDB bearing.
NOTE: Rapidly rising terrain west-northwest to east-northeast of airport.

JMAAL
N60°53.08′
W146°48.02′

JOH 25 Arc

25

R-328

JOHNSTONE POINT
116.7 JOH
Chan 114

V319

NAKED
N60°37.57′
W147°23.40′
L-1-3

25

R-273

V319

V319

TAKEOFF MINIMUMS
Rwy 6: 1200-3 with minimum climb of 460′ per NM to 6000 from MNL NDB, procedure NA at night.
Rwy 24: Standard with minimum climb of 460′ per NM to 6000.

TAKEOFF OBSTACLE NOTES
Rwy 24: Trees 469′ from DER, 482′ right of centerline, up to 100′ AGL/137′ MSL.
Trees 623′ from DER, 385′ left of centerline, up to 100′ AGL/130′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Turn right as soon as practical, climb in visual conditions to MNL NDB at or above 1300, then on MNL NDB bearing 236° to OLLEO INT, thence. . . .

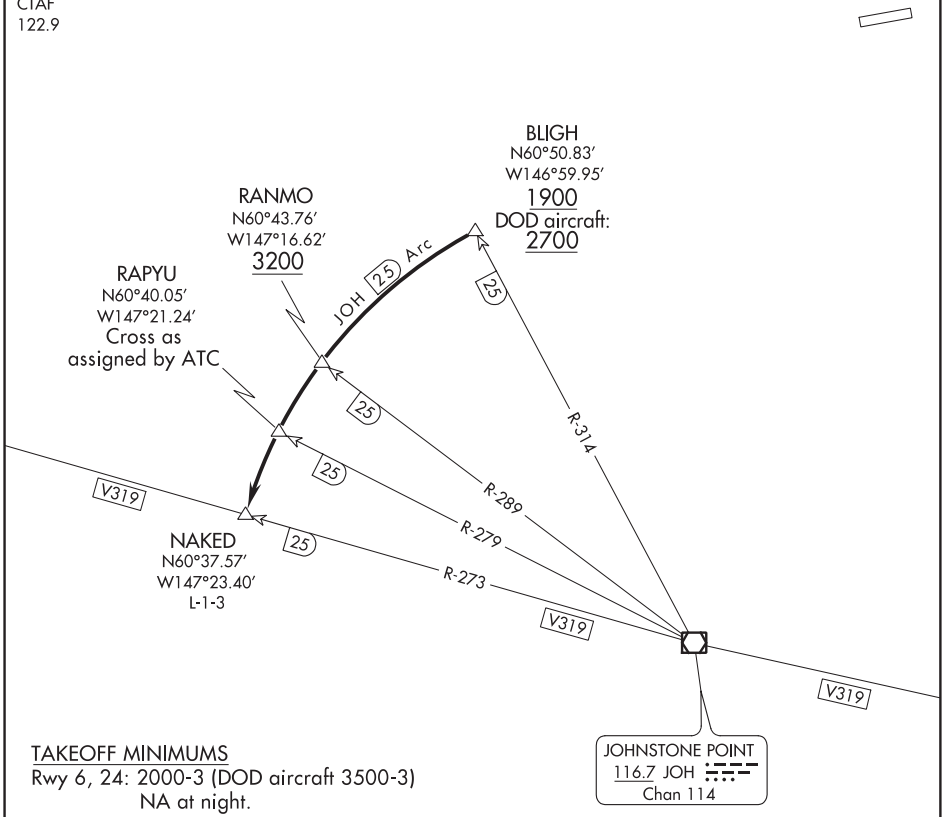
TAKEOFF RUNWAY 24: Climb direct to MNL NDB then on MNL bearing 236° to OLLEO INT, thence. . . .

. . . . continue climb to 6000 via JOH VOR/DME R-328 southbound to JMAAL/JOH VOR/DME 25 DME, fly JOH VOR/DME 25 DME arc counterclockwise to NAKED/JOH VOR/DME R-273 25 DME.

NAKED SIX DEPARTURE

ANCHORAGE CENTER
119.3 269.4
JUNEAU RADIO
122.2
CTAF
122.9

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwy 6, 24: 2000-3 (DOD aircraft 3500-3)
NA at night.

NOTE: Do not proceed CCW beyond BLIGH without ATC clearance.
NOTE: DME required.

NOTE: Chart not to scale.

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DEPARTURE ROUTE DESCRIPTION

Proceed in visual conditions from Valdez airport to BLIGH (JOH R-314/25 DME) to cross BLIGH at or above 1900′ (visual conditions must be maintained from takeoff until established over BLIGH at or above 1900′) (DOD aircraft: Cross BLIGH at or above 2700′). Proceed CCW on JOH 25 DME arc to NAKED; cross RANMO at or above 3200′. Cross RAPYU as assigned by ATC. Thence via (assigned route).

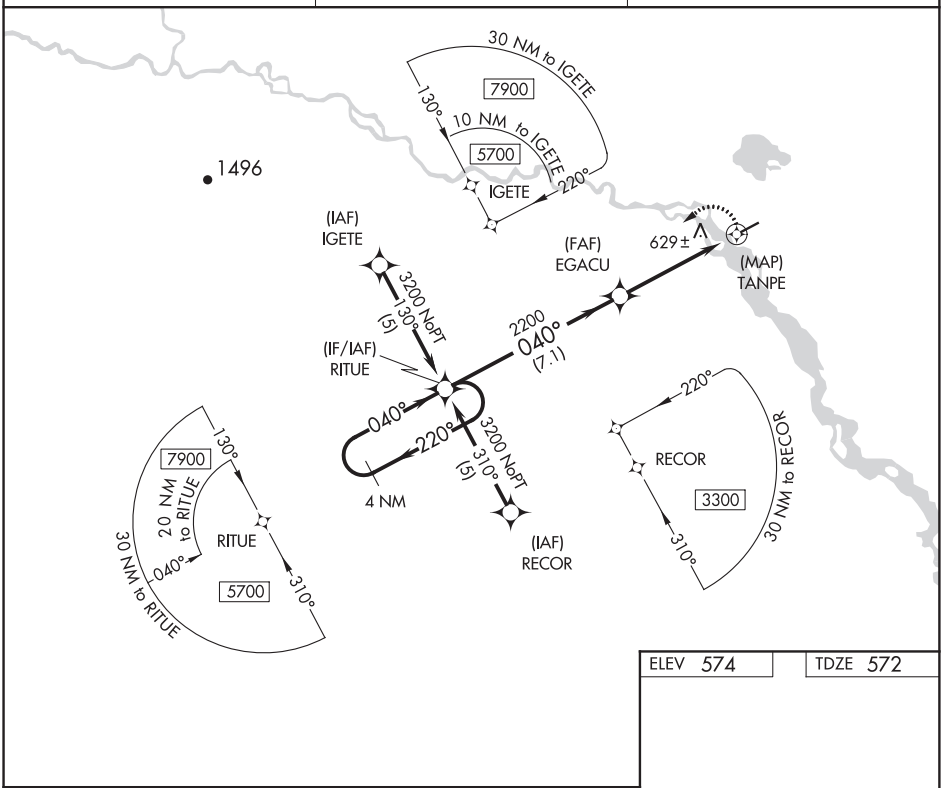
VENETIE, ALASKA AL-10346 (FAA) 19339

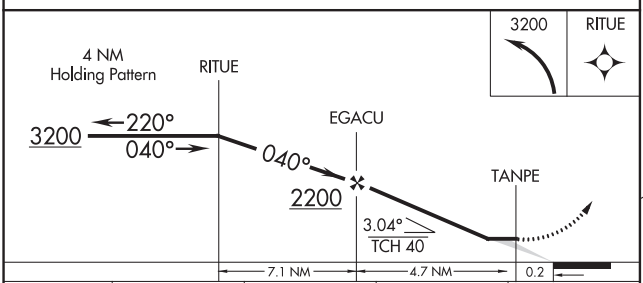
APP CRS	Rwy ldg	4000
040°	TDZE	572
	Apt Elev	574

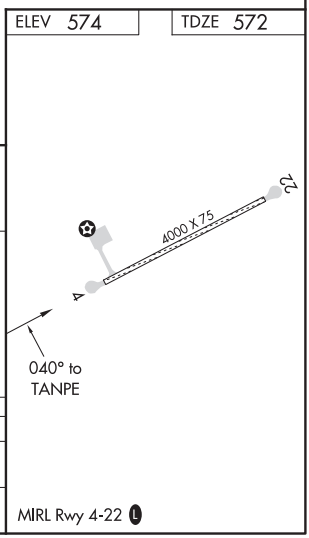
RNAV (GPS) RWY 4
VENETIE (VEE) (PAVE)

T A NA -42°C	Use Fort Yukon altimeter setting; when not received procedure NA. Procedure NA at night. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA.	MISSED APPROACH: Climbing left turn to 3200 direct RITUE and hold.

FYU/PFYU AWOS-3P	ANCHORAGE CENTER	CTAF
125.8	135.0 284.7	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	1020-1	448 (500-1)	NA	
CIRCLING	1200-1	626 (700-1)	NA	

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AK, 05 NOV 2020 to 31 DEC 2020

VENETIE, ALASKA
Orig-B 26MAY16

67°01'N-146°22'W

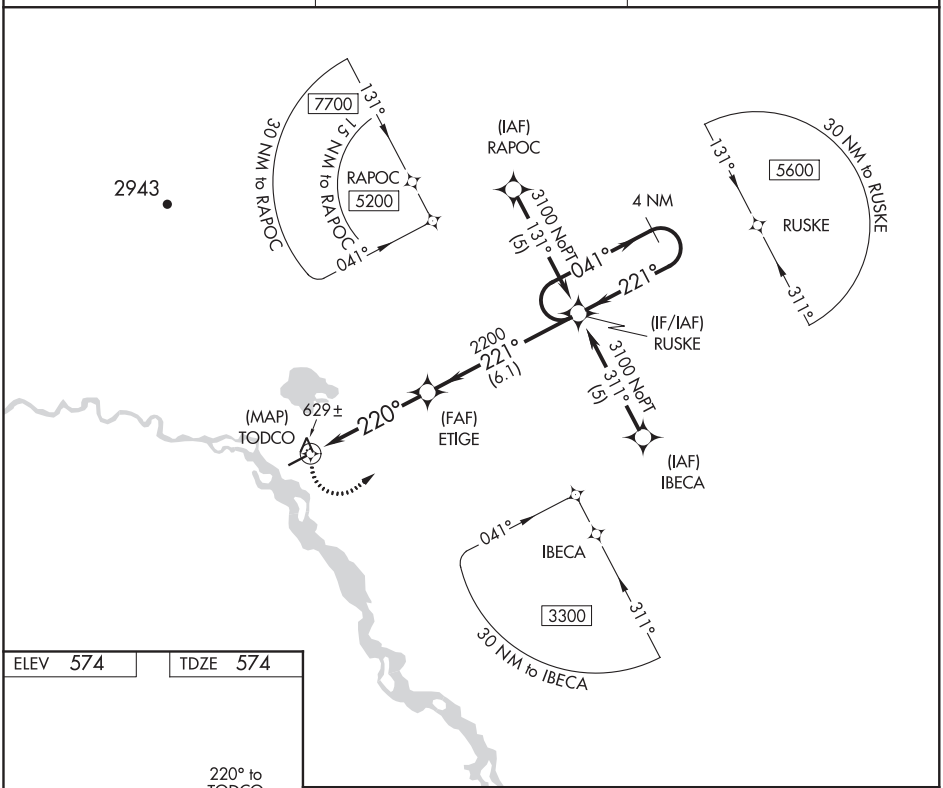
VENETIE (VEE) (PAVE)
RNAV (GPS) RWY 4

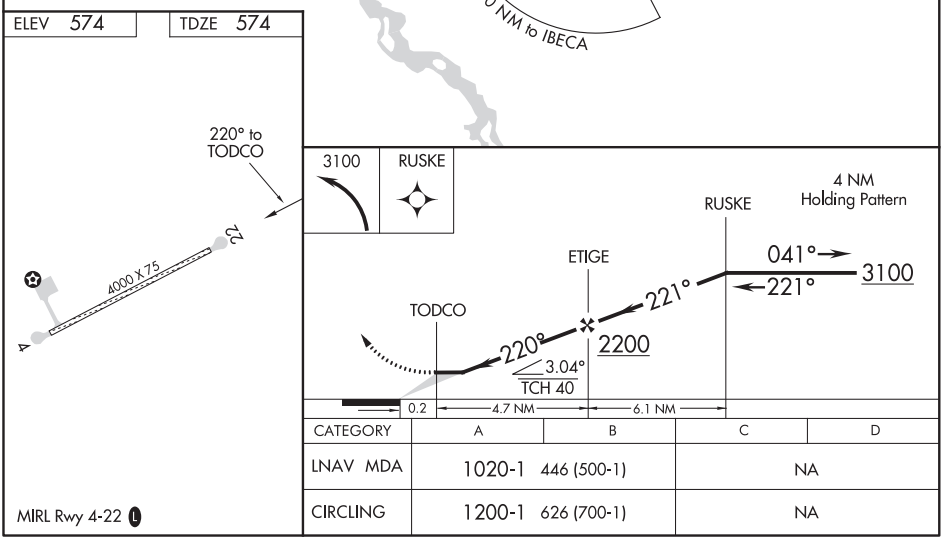
APP CRS	Rwy ldg	4000
220°	TDZE	574
	Apt Elev	574

RNAV (GPS) RWY 22
VENETIE (VEE) (PAVE)

T A NA -42°C	Use Fort Yukon altimeter setting; when not received procedure NA. Procedure NA at night. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA.	MISSED APPROACH: Climbing left turn to 3100 direct RUSKE and hold.

FYU/PFYU AWOS-3P	ANCHORAGE CENTER	CTAF
125.8	135.0 284.7	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	1020-1	446 (500-1)	NA	
CIRCLING	1200-1	626 (700-1)	NA	

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AK, 05 NOV 2020 to 31 DEC 2020

(FYU2.FYU) 20086

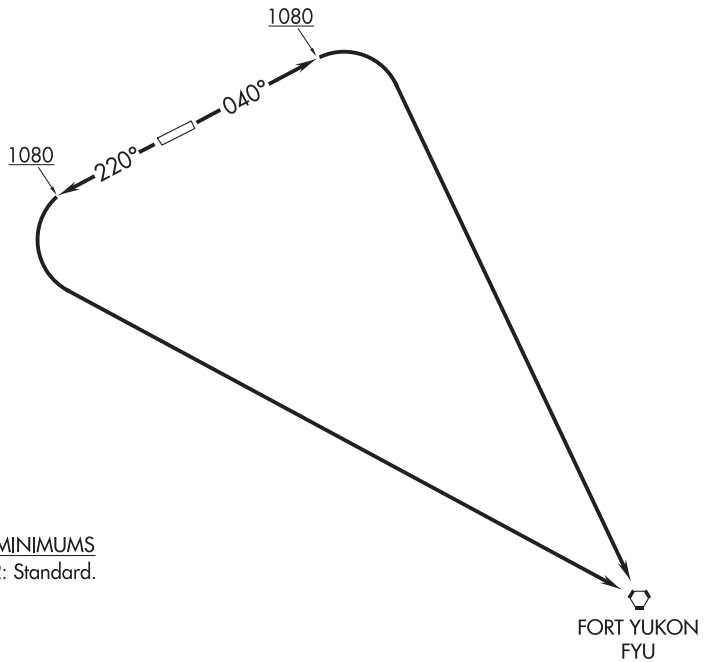
VENETIE TWO DEPARTURE (RNAV)

SL-10346 (FAA)

VENETIE (VEE) (PAVE)
VENETIE, ALASKA

FYU AWOS-3
125.8
ANCHORAGE CENTER
135.0 284.7

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 4, 22: Standard.

NOTE: GPS required.
NOTE: RNAV 1.
NOTE: Runway is gravel.
NOTE: Procedure NA for Cat C/D aircraft.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb heading 040° to 1080 then right turn direct FYU VORTAC, thence. . . .
TAKEOFF RUNWAY 22: Climb heading 220° to 1080 then left turn direct FYU VORTAC, thence. . . .

. . . .maintain 5000 or ATC assigned altitude.

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AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 50542 W06A	APP CRS 055°	Rwy ldg 4494 TDZE 45 Apt Elev 45

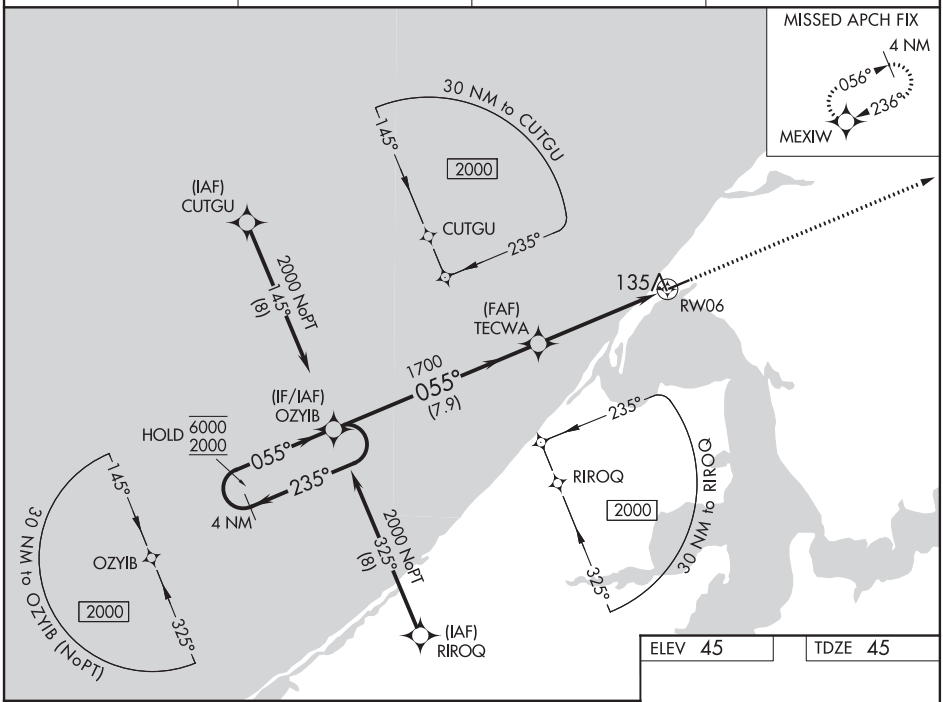
RNAV (GPS) RWY 6
WAINWRIGHT (AWI) (PAWI)

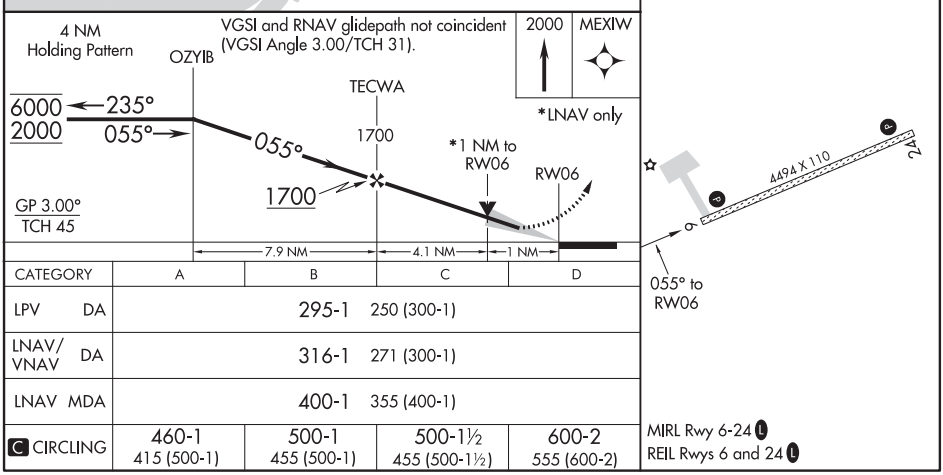
RNP APCH.

-42°C For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C or above 54°C.

MISSED APPROACH: Climb to 2000 direct MEXIW and hold.

ASOS-3	ANCHORAGE CENTER	BARROW RADIO	CTAF
132.25	135.3 239.25	122.5	122.8 L





CATEGORY	A	B	C	D
LPV DA	295-1 250 (300-1)			
LNAV/VNAV DA	316-1 271 (300-1)			
LNAV MDA	400-1 355 (400-1)			
C CIRCLING	460-1 415 (500-1)	500-1 455 (500-1)	500-1½ 455 (500-1½)	600-2 555 (600-2)

MIRL Rwy 6-24 L
REIL Rwys 6 and 24 L

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AK, 05 NOV 2020 to 31 DEC 2020

WAINWRIGHT, ALASKA | AL-9234 (FAA) | 19171

WAAS CH 56642 W24A	APP CRS 236°	Rwy ldg 4494 TDZE 45 Apt Elev 45

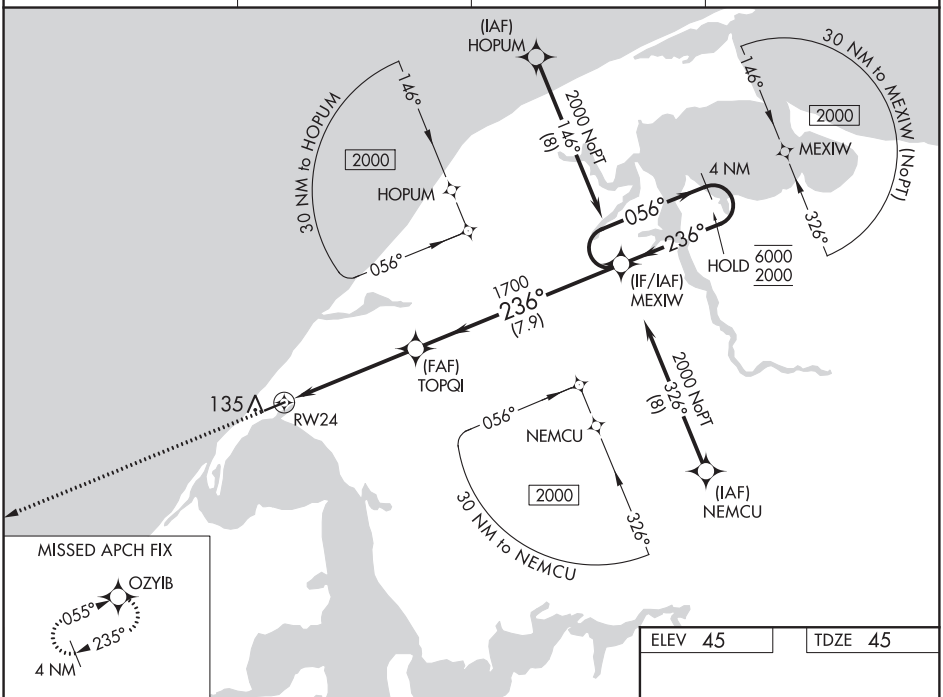
RNAV (GPS) RWY 24
WAINWRIGHT (AWI) (PAWI)

RNP APCH.

-42°C For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C or above 54°C.

MISSED APPROACH: Climb to 2000 direct OZYIB and hold.

ASOS-3	ANCHORAGE CENTER	BARROW RADIO	CTAF
132.25	135.3 239.25	122.5	122.8 L



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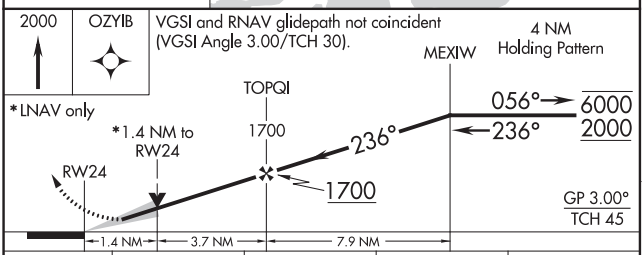
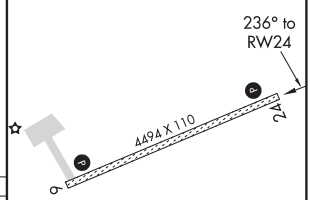
2000 | OZYIB

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 30).



ELEV 45 | TDZE 45



CATEGORY	A	B	C	D
LPV DA	295-1 250 (300-1)			
LNAV/VNAV DA	295-1 250 (300-1)			
LNAV MDA	520-1 475 (500-1)		520-1⅜ 475 (500-1⅜)	
C CIRCLING	520-1 475 (500-1)		520-1½ 475 (500-1½)	600-2 555 (600-2)

MIRL Rwy 6-24 L
REIL Rwys 6 and 24 L

RNAV (GPS) RWY 18

WALES (IWK) (PAIW)

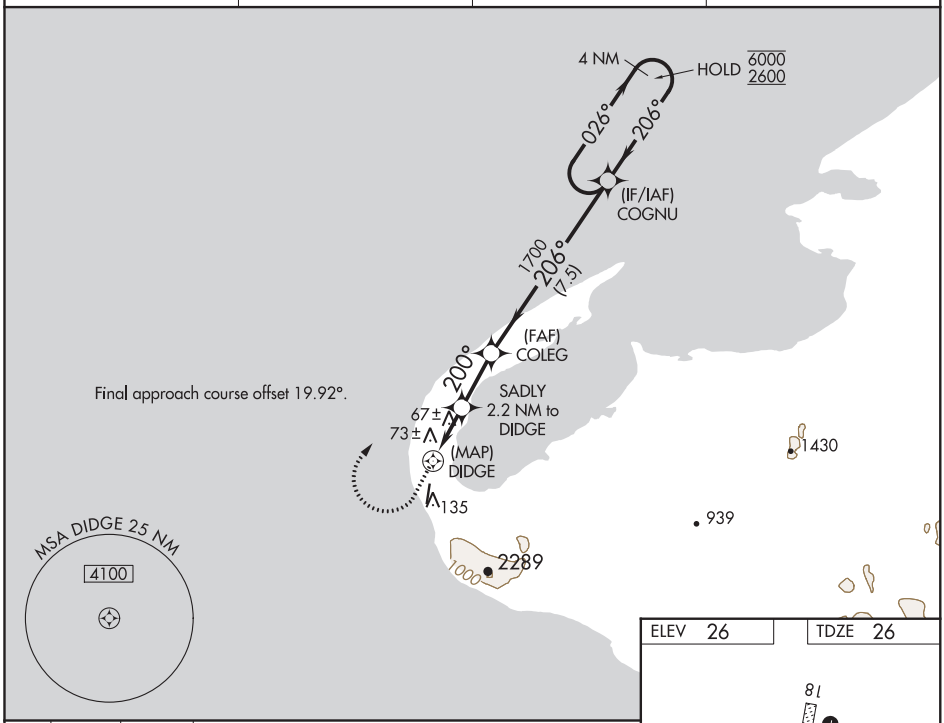
WAAS CH 57942 W18A	APP CRS 200°	Rwy ldg 3990 TDZE 26 Apt Elev 26

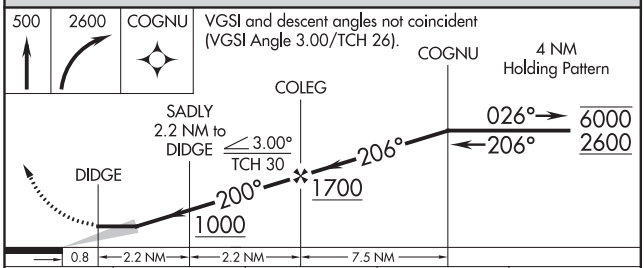
RNP APCH.

-27°C Circling NA east of Rwy 18-36.

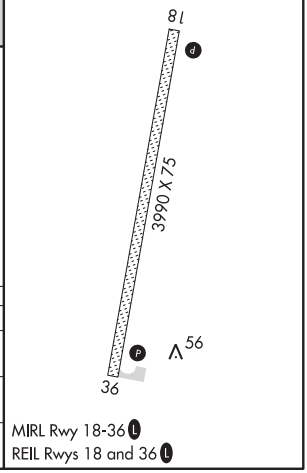
MISSED APPROACH: Climb to 500 then climbing right turn to 2600 direct COGNU and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
118.525	133.3 290.4	122.6	123.0 L





ELEV 26 TDZE 26



MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

CATEGORY	A	B	C	D
LP MDA	340-1 314 (400-1)			
LNAV MDA	640-1 614 (700-1)		640-1¾ 614 (700-1¾)	
C CIRCLING	640-1 614 (700-1)		640-1¾ 614 (700-1¾)	640-2 614 (700-2)

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AK, 05 NOV 2020 to 31 DEC 2020

WALES, ALASKA AL-10176 (FAA) 20254

RNAV (GPS) RWY 36

WALES (IWK) (PAIW)

WAAS CH 60943 W36A	APP CRS 015°	Rwy ldg 3990 TDZE 26 Apt Elev 26

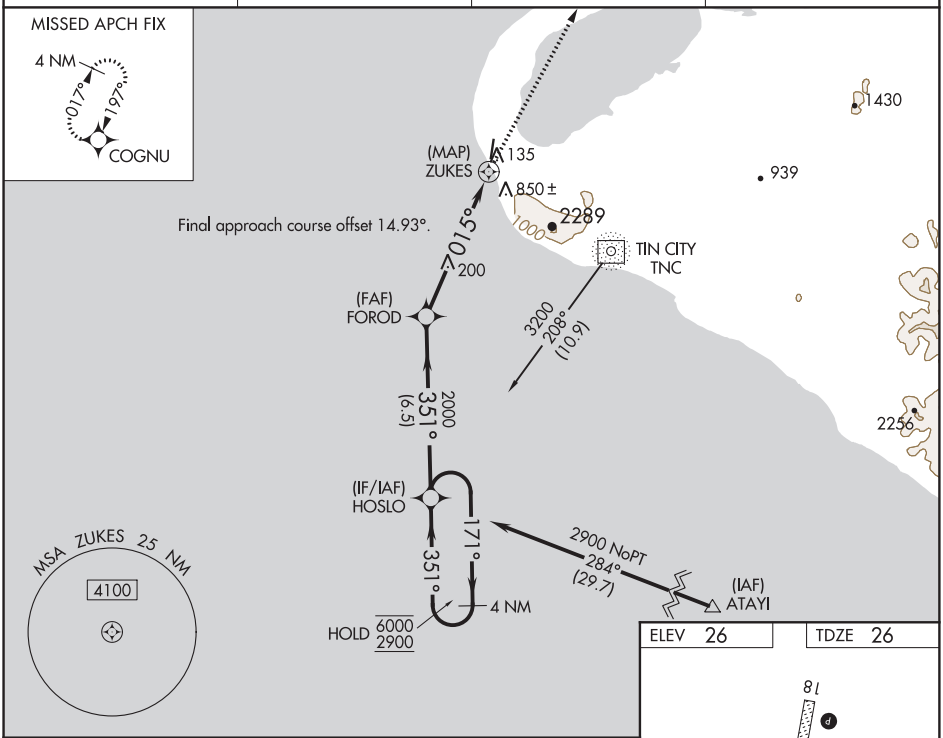
RNP APCH.

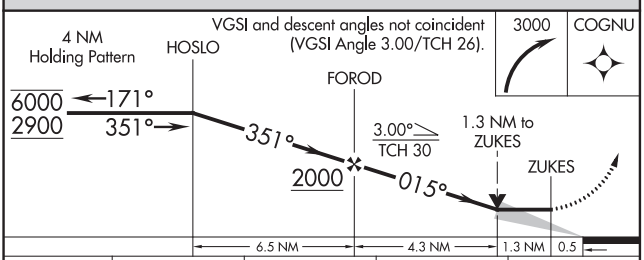
Circling NA east of Rwy 18-36.

-27°C

MISSED APPROACH: Climbing right turn to 3000 direct COGNU and hold.

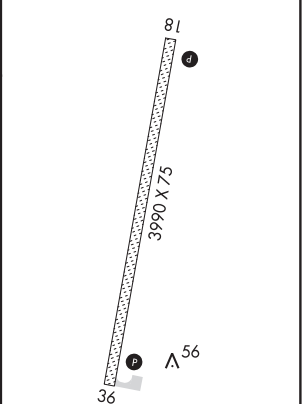
AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
118.525	133.3 290.4	122.6	123.0 L





CATEGORY	A	B	C	D
LP MDA	460-1 434 (500-1)		460-1¼ 434 (500-1¼)	
LNAV MDA	920-1¼ 894 (900-1¼)		920-2½ 894 (900-2½)	
C CIRCLING	920-1¼ 894 (900-1¼)		920-2¾ 894 (900-2¾)	920-3 894 (900-3)

ELEV 26 TDZE 26



MIRL Rwy 18-36 L

REIL Rwys 18 and 36 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WALES, ALASKA
Amdt 1 08NOV18

65°37'N-168°06'W

WALES (IWK) (PAIW)

RNAV (GPS) RWY 36

WAAS CH 53636 W04A	APP CRS 038°	Rwy ldg 3700 TDZE 352 Apt Elev 354

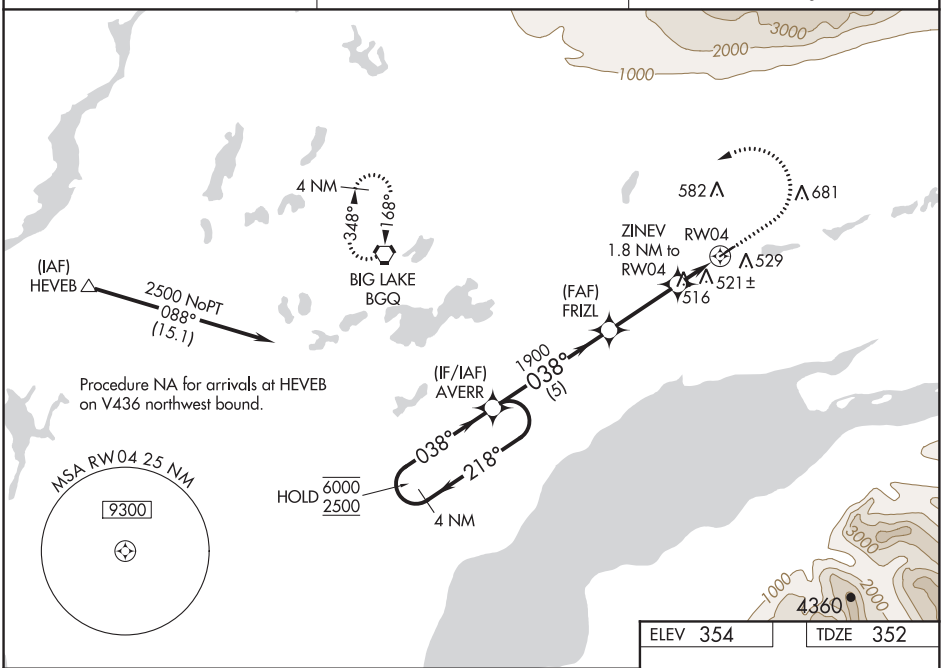
RNAV (GPS) RWY 4
WASILLA (IYS) (PAWS)

RNP APCH.

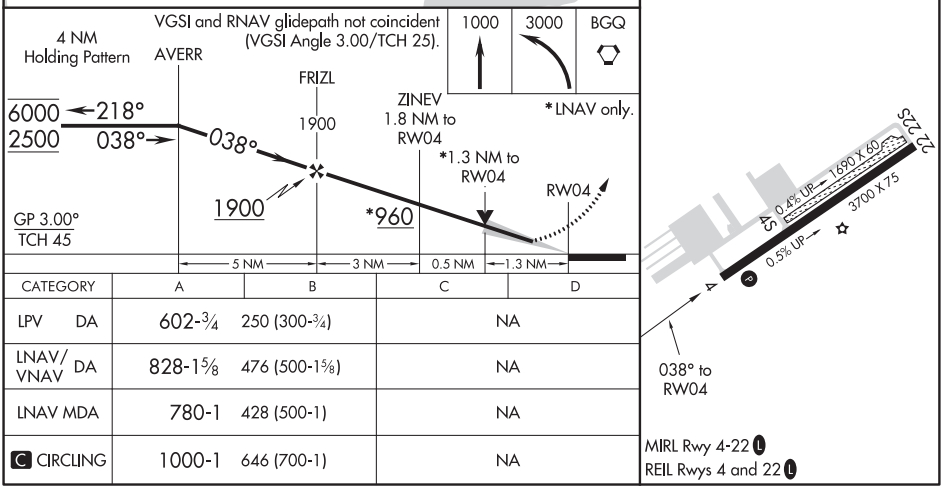
Circling NA to Rwys 4S and 22S. Baro-VNAV and VDP NA when using Palmer altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. When local altimeter setting not received, use Palmer altimeter setting and increase all DA 46 feet, all MDA 60 feet and all visibilities ¼ mile. -31°C

MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 direct BGQ VORTAC and hold.

AWOS-3P	ANCHORAGE APP CON	CTAF
135.25	119.1 363.2	122.8 L



ELEV 354	TDZE 352



CATEGORY	A	B	C	D
LPV DA	602-¾	250 (300-¾)	NA	
LNAV/VNAV DA	828-1⅝	476 (500-1⅝)	NA	
LNAV MDA	780-1	428 (500-1)	NA	
C CIRCLING	1000-1	646 (700-1)	NA	

AK, 05 NOV 2020 to 31 DEC 2020

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WASILLA, ALASKA | AL-9296 (FAA) | 19283

RNAV (GPS) RWY 22
WASILLA (IYS) (PAWS)

WAAS CH 69536 W22A	APP CRS 218°	Rwy ldg 3700 TDZE 354 Apt Elev 354

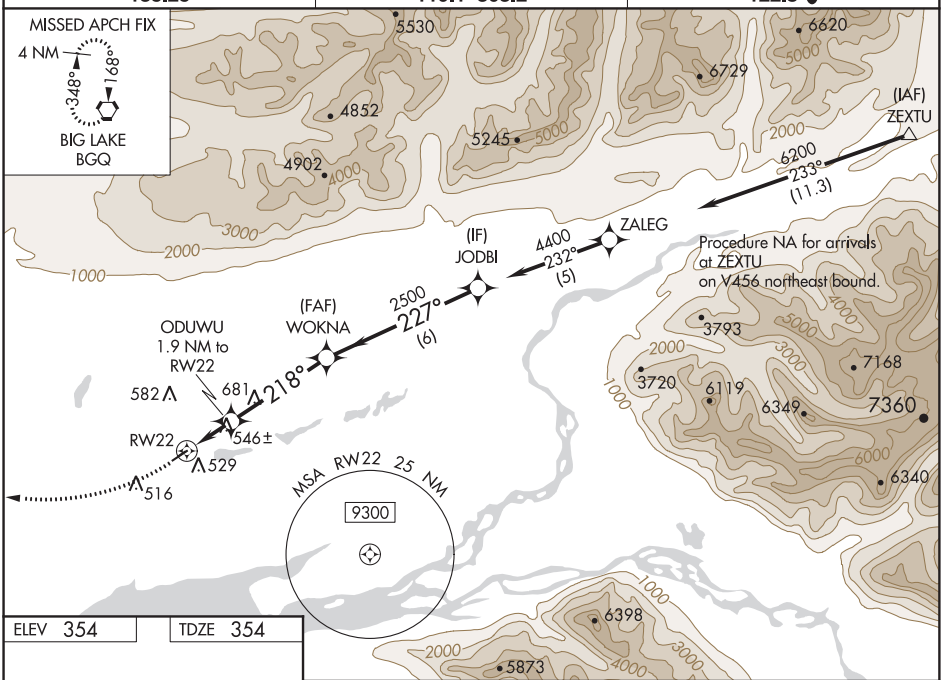
RNP APCH.

Circling NA to Rwys 4S and 22S. Baro-VNAV and VDP NA when using Palmer altimeter setting. Rwy 22 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C or above 54°C. When local altimeter setting not received, use Palmer altimeter setting and increase all DA 46 feet, MDA 60 feet and all visibilities ⅛ mile.

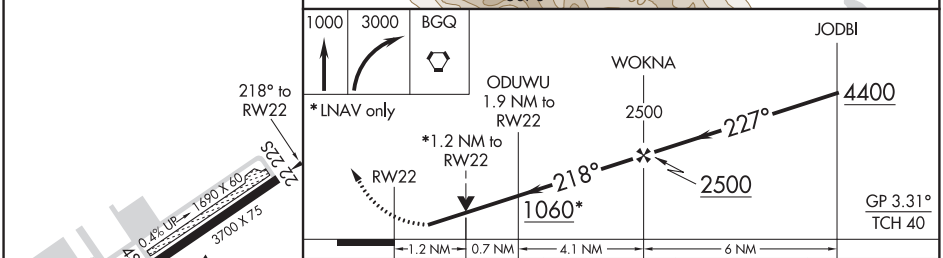
-31°C

MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 direct BGQ VORTAC and hold.

AWOS-3P	ANCHORAGE APP CON	CTAF
135.25	119.1 363.2	122.8 L



ELEV 354 | TDZE 354



CATEGORY	A	B	C	D
LPV DA	604-¾ 250 (300-¾)		NA	
LNAV/VNAV DA	821-1½ 467 (500-1½)		NA	
LNAV MDA	800-1 446 (500-1)		NA	
C CIRCLING	1000-1 646 (700-1)		NA	

MIRL Rwy 4-22 L
REIL Rwys 4 and 22 L

AK, 05 NOV 2020 to 31 DEC 2020

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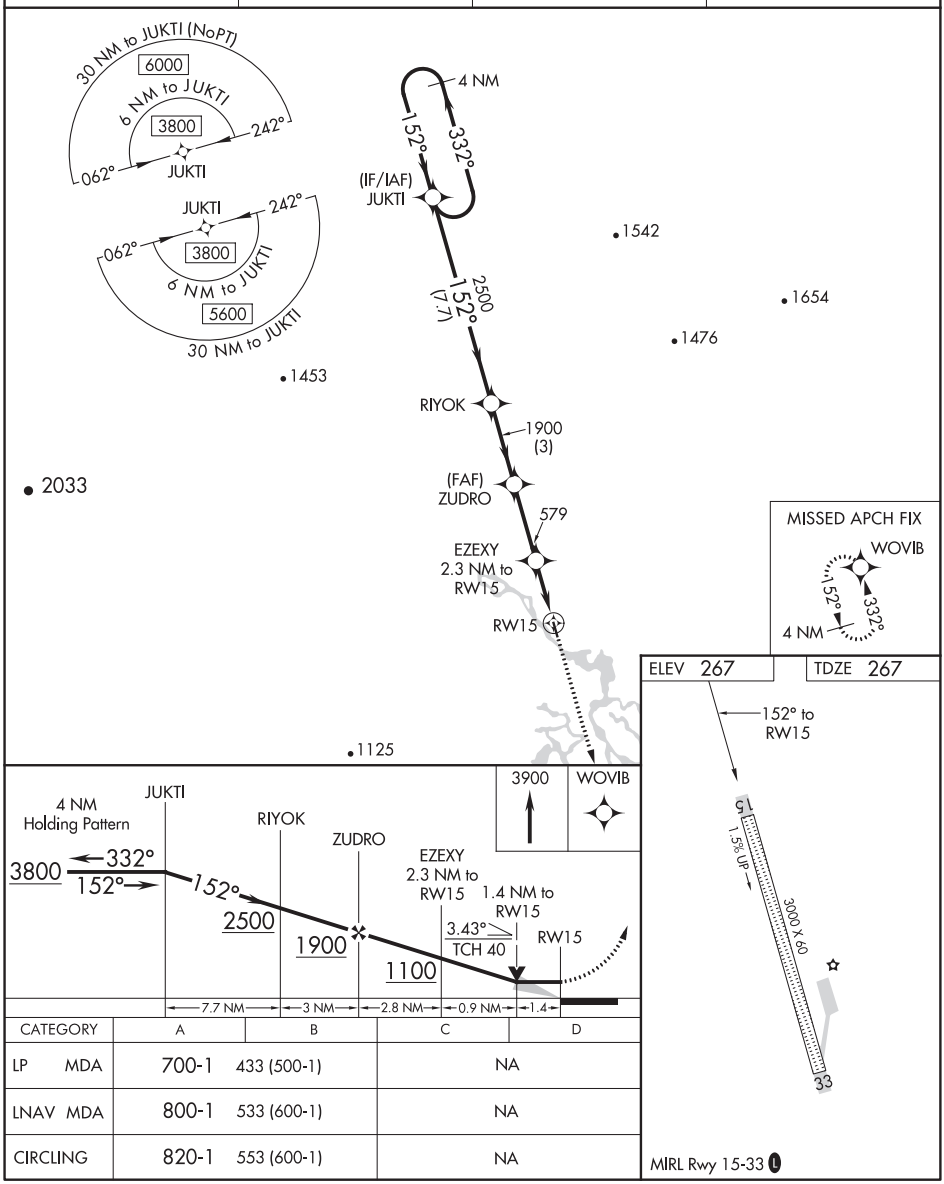
WAAS CH 82331 W15A	APP CRS 152°	Rwy ldg 3000 TDZE 267 Apt Elev 267

RNAV (GPS) RWY 15
WHITE MOUNTAIN (WMO) (PAWM)

T A DME/DME RNP-0.3 NA. VDP NA with Golovin altimeter setting. When local altimeter not received, use Golovin altimeter setting and increase all MDA 60 feet.

MISSED APPROACH: Climb to 3900 direct WOVIB and hold, continue climb-in-hold to 3900.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.45	133.3 290.4	122.05	122.9 L



CATEGORY	A	B	C	D
LP MDA	700-1	433 (500-1)	NA	
LNAV MDA	800-1	533 (600-1)	NA	
CIRCLING	820-1	553 (600-1)	NA	

WHITE MOUNTAIN, ALASKA | AL-10178 (FAA) | 20142

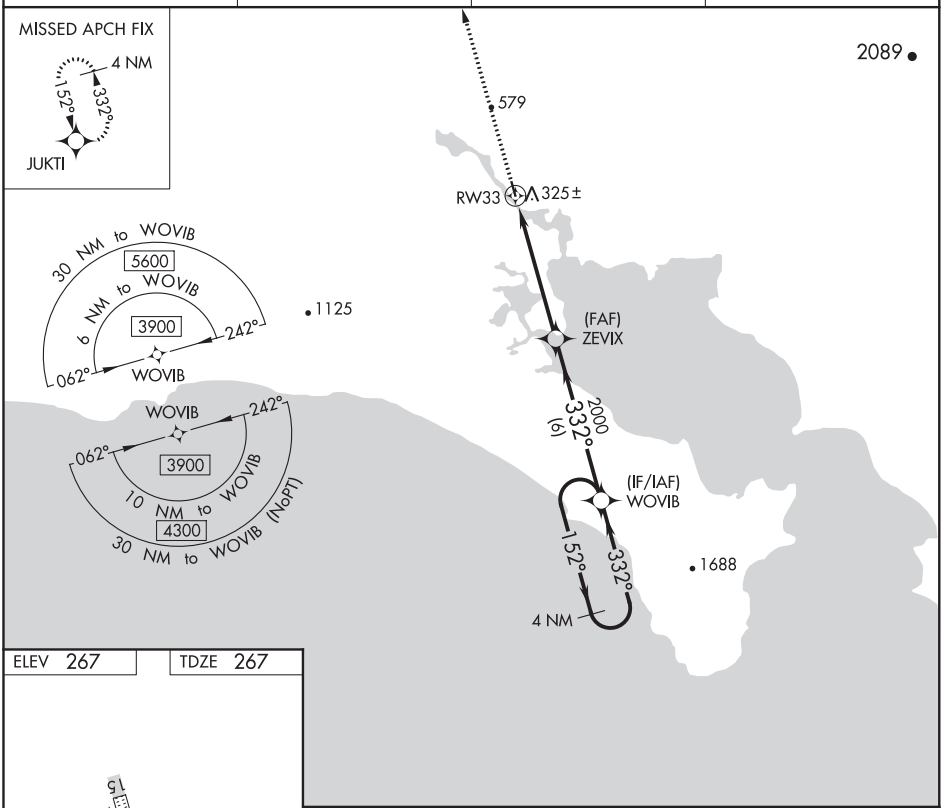
RNAV (GPS) RWY 33
WHITE MOUNTAIN (WMO) (PAWM)

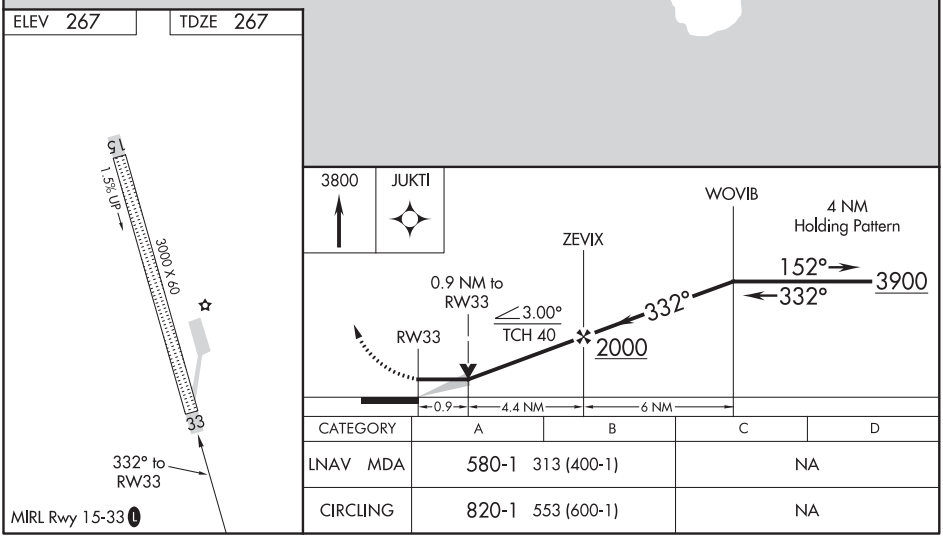
APP CRS	Rwy ldg	3000
332°	TDZE	267
	Apt Elev	267

DME/DME RNP-0.3 NA. VDP NA with Golovin altimeter setting. When local altimeter not received, use Golovin altimeter setting and increase all MDA 60 feet.

MISSED APPROACH: Climb to 3800 direct JUKTI and hold.

AWOS-3P	ANCHORAGE CENTER	NOME RADIO	CTAF
121.45	133.3 290.4	122.05	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	580-1 313 (400-1)		NA	
CIRCLING	820-1 553 (600-1)		NA	

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

APP CRS	Rwy ldg	4400
133°	TDZE	215
	Apt Elev	215

RNAV (GPS) RWY 13

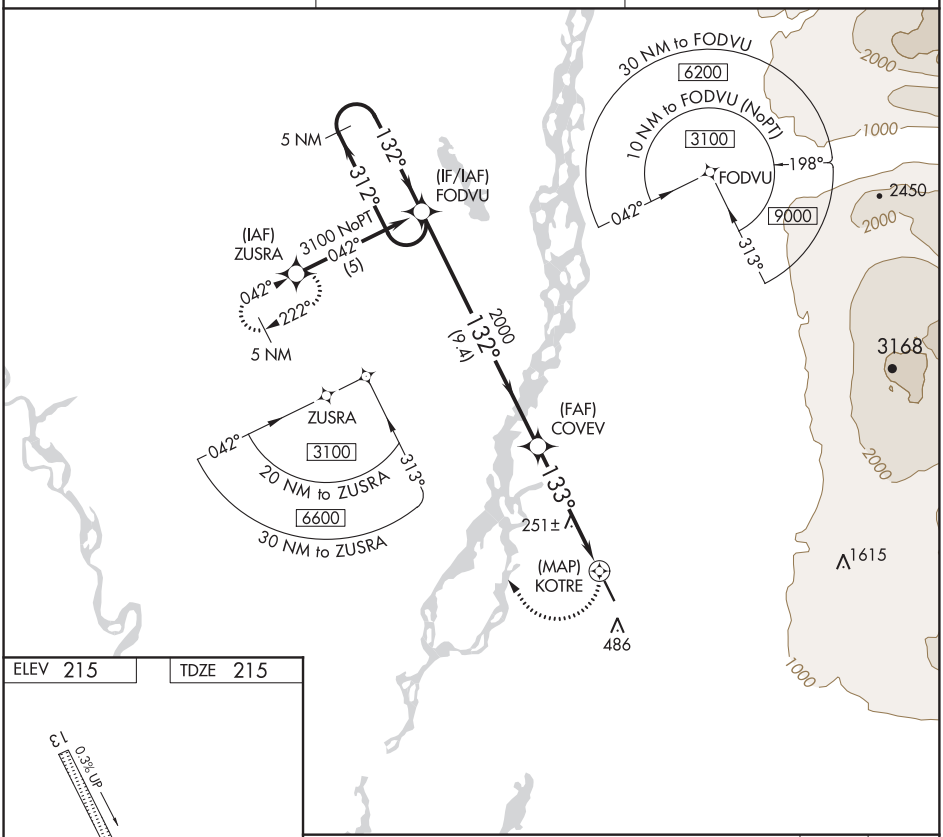
WILLOW (UUO)(PAUO)

T
A NA

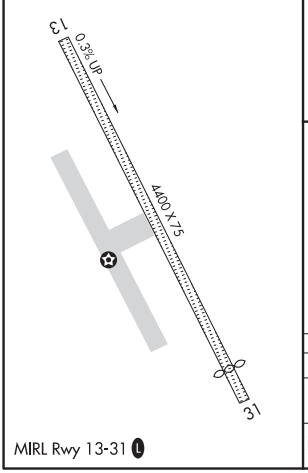
Use Wasilla altimeter setting.
Procedure NA at night.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing right turn to 3100 direct ZUSRA and hold.

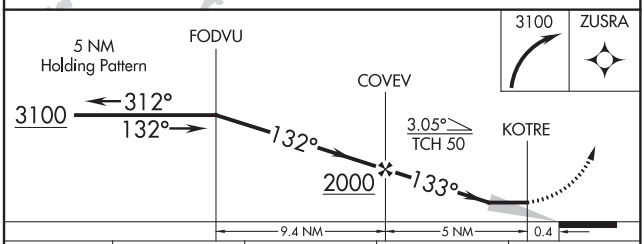
IYS/PAWS AWOS-3P	ANCHORAGE CENTER	CTAF
135.25	133.7 279.6	122.8 L



ELEV 215 TDZE 215



MIRL Rwy 13-31 L



CATEGORY	A	B	C	D
LNAV MDA	1220-1¼ 1005 (1100-1¼)	1220-1½ 1005 (1100-1½)	1220-3 1005 (1100-3)	NA
C CIRCLING	1220-1¼ 1005 (1100-1¼)	1220-1½ 1005 (1100-1½)	1220-3 1005 (1100-3)	NA

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AK, 05 NOV 2020 to 31 DEC 2020

WILLOW, ALASKA | AL-9297 (FAA) | 20310

RNAV (GPS) RWY 31
WILLOW (UUO)(PAUO)

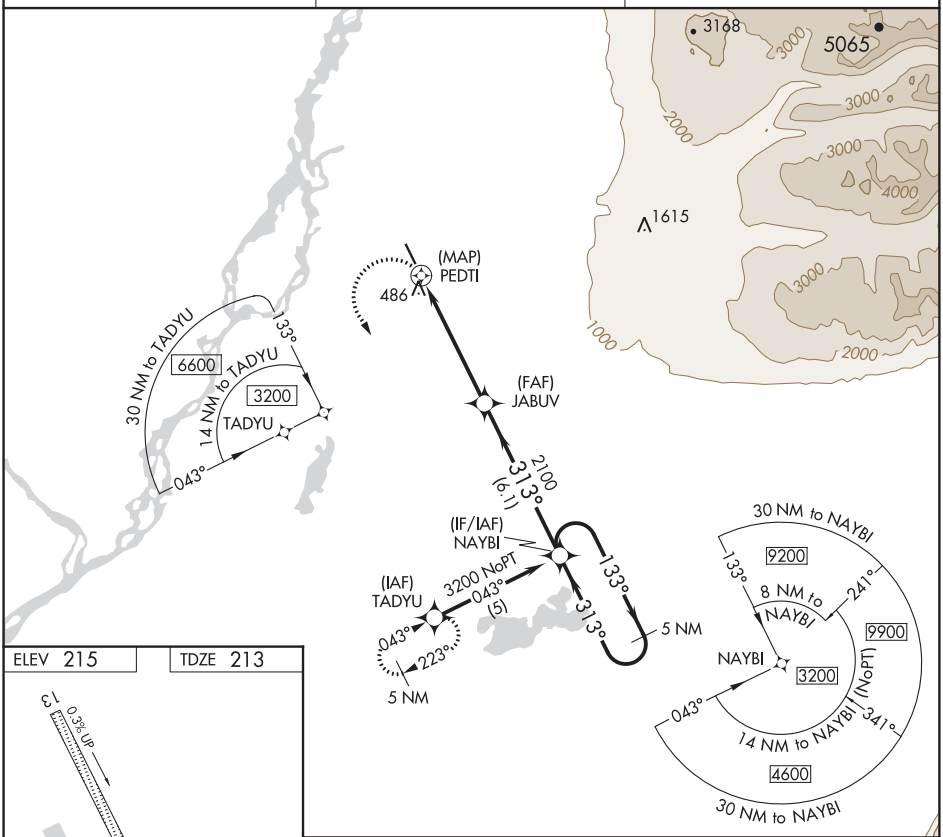
APP CRS	Rwy ldg	4000
313°	TDZE	213
	Apt Elev	215

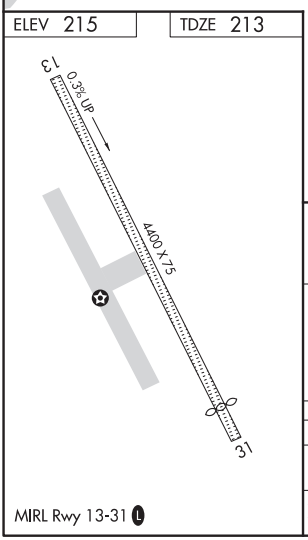
T
A NA

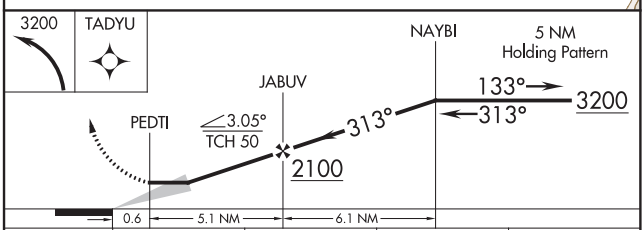
Use Wasilla altimeter setting.
Procedure NA at night.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing left turn to 3200 direct TADYU and hold.

IYS/PAWS AWOS-3P	ANCHORAGE CENTER	CTAF
135.25	133.7 279.6	122.8 L







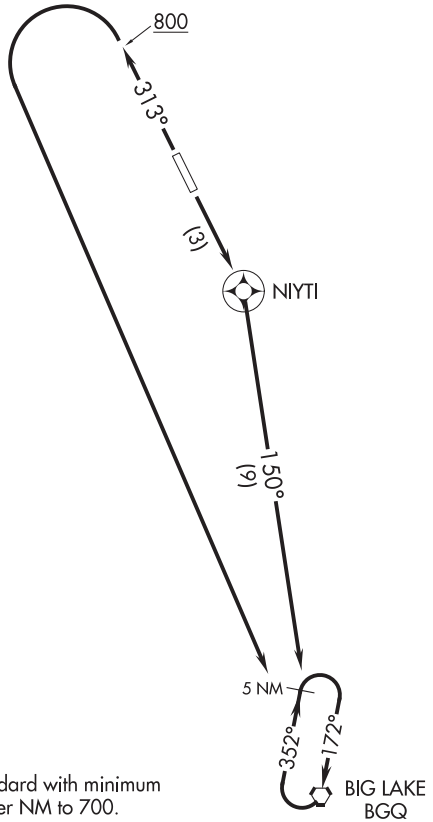
CATEGORY	A	B	C	D
LNAV MDA	1220-1¼ 1007 (1100-1¼)	1220-1½ 1007 (1100-1½)	1220-3 1007 (1100-3)	NA
C CIRCLING	1220-1¼ 1005 (1100-1¼)	1220-1½ 1005 (1100-1½)	1220-3 1005 (1100-3)	NA

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

BIG LAKE TWO DEPARTURE (OBSTACLE) (RNAV)

ANCHORAGE CENTER
133.7 279.6
CTAF
122.8
AWOS-3
135.25



NOTE: GPS required.
NOTE: RNAV 1.

TAKEOFF MINIMUMS:
Rwy 13: 300-1¼ or standard with minimum climb of 467′ per NM to 700.
Rwy 31: Standard.

TAKEOFF OBSTACLE NOTES:
Rwy 13: Tower 5595′ from DER, 1670′ right of centerline, 102′ AGL/460′ MSL.
Rwy 31: T-L tower 1058′ from DER, 645′ right of centerline, 39′ AGL/237′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 13: Climb direct NIYTI, then on track 150° to BGQ VORTAC, thence. . . .

TAKEOFF RWY 31: Climb heading 313° to 800, then climbing left turn direct BGQ VORTAC, thence. . . .

. . . .continue climb in BGQ VORTAC holding pattern to cross BGQ VORTAC at or above MEA for direction of flight.

WRANGELL, ALASKA | AL-5874 (FAA) | 19115

APP CRS	Rwy ldg	6000
101°	TDZE	45
	Apt Elev	49

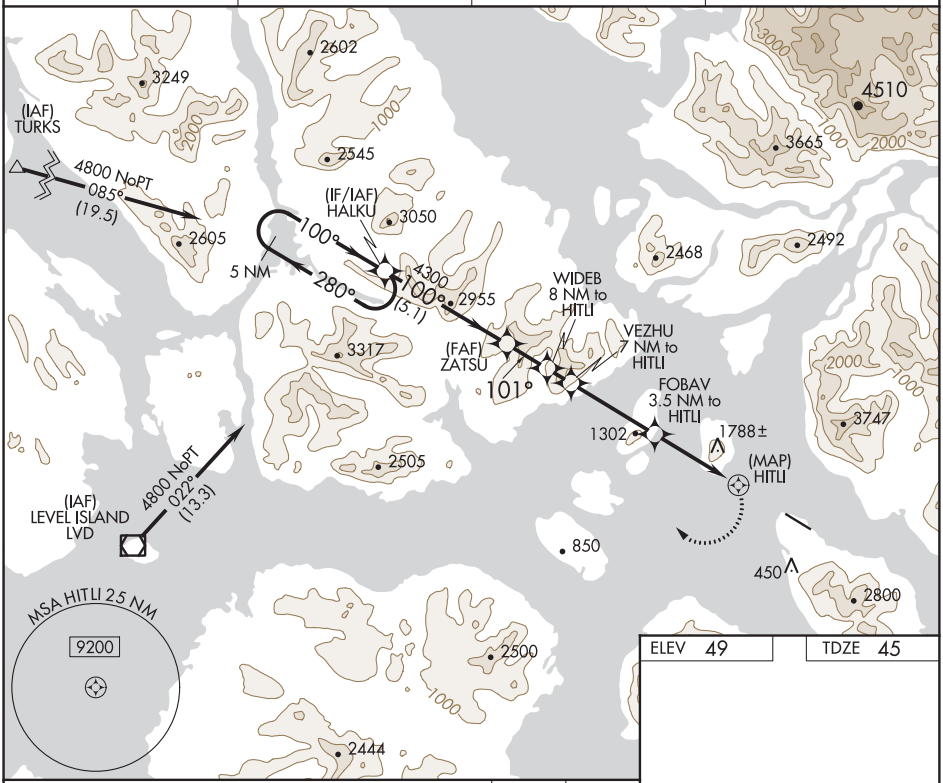
RNAV (GPS) RWY 10
WRANGELL (WRG) (PAWG)

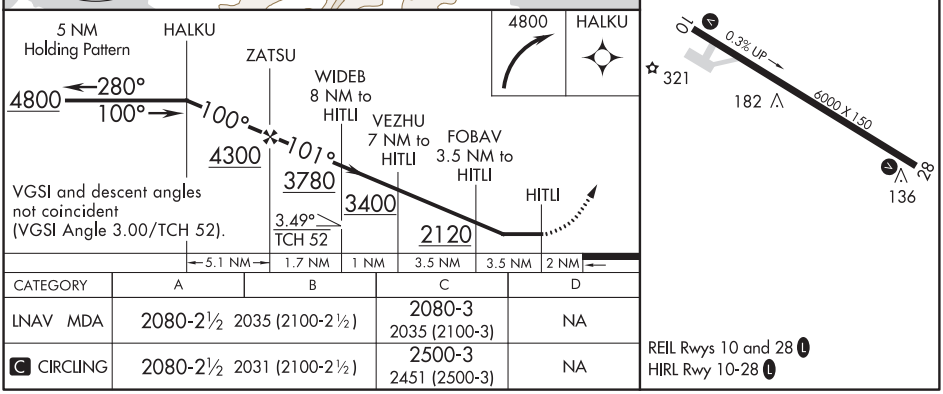
Circling NA South of Rwy 10-28.
DME/DME RNP-0.3 NA.
Procedure NA at night.

-5°C

MISSED APPROACH:
Climbing right turn to 4800
direct HALKU and hold.

AWOS-3P	ANCHORAGE CENTER	SITKA RADIO	CTAF
128.5	118.0	122.45	122.6 L





CATEGORY	A	B	C	D
LNAV MDA	2080-2½ 2035 (2100-2½)		2080-3 2035 (2100-3)	NA
C CIRCLING	2080-2½ 2031 (2100-2½)		2500-3 2451 (2500-3)	NA

REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LOC/DME I-RGL 108.5 Chan 22	APP CRS 093°	Rwy ldg N/A TDZE N/A Apt Elev 44

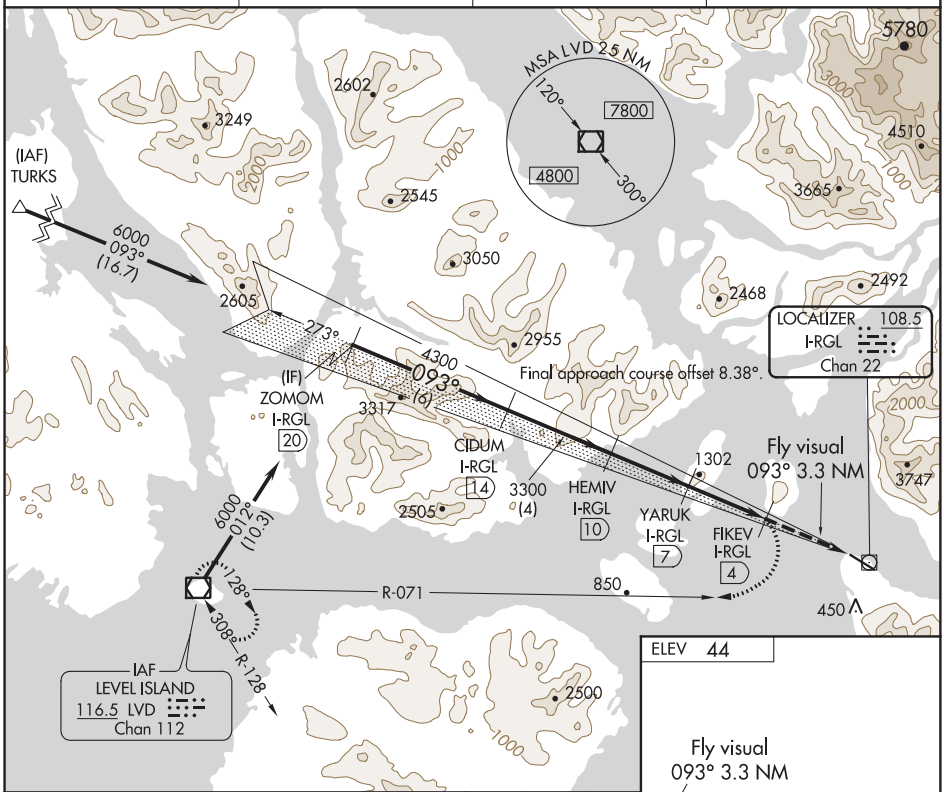
LDA-C
WRANGELL (WRG) (PAWG)

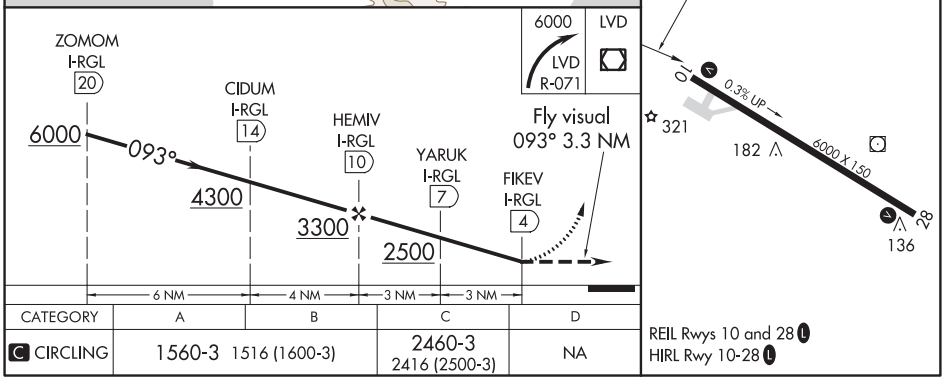
Circling NA south of Rwy 10-28. DME required. Any go-around commenced after passing the MAP will not provide standard obstacle clearance.

-5°C

MISSED APPROACH: Immediate climbing right turn to 6000 on LVD VOR/DME R-071 to LVD VOR/DME and hold.

AWOS-3P	ANCHORAGE CENTER	SITKA RADIO	CTAF
128.5	118.0	122.45	122.6 L





CATEGORY	A	B	C	D
C CIRCLING	1560-3 1516 (1600-3)		2460-3 2416 (2500-3)	NA

REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L

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WRANGELL, ALASKA | AL-5874 (FAA) | 20030

LDA-D
WRANGELL (WRG) (PAWG)

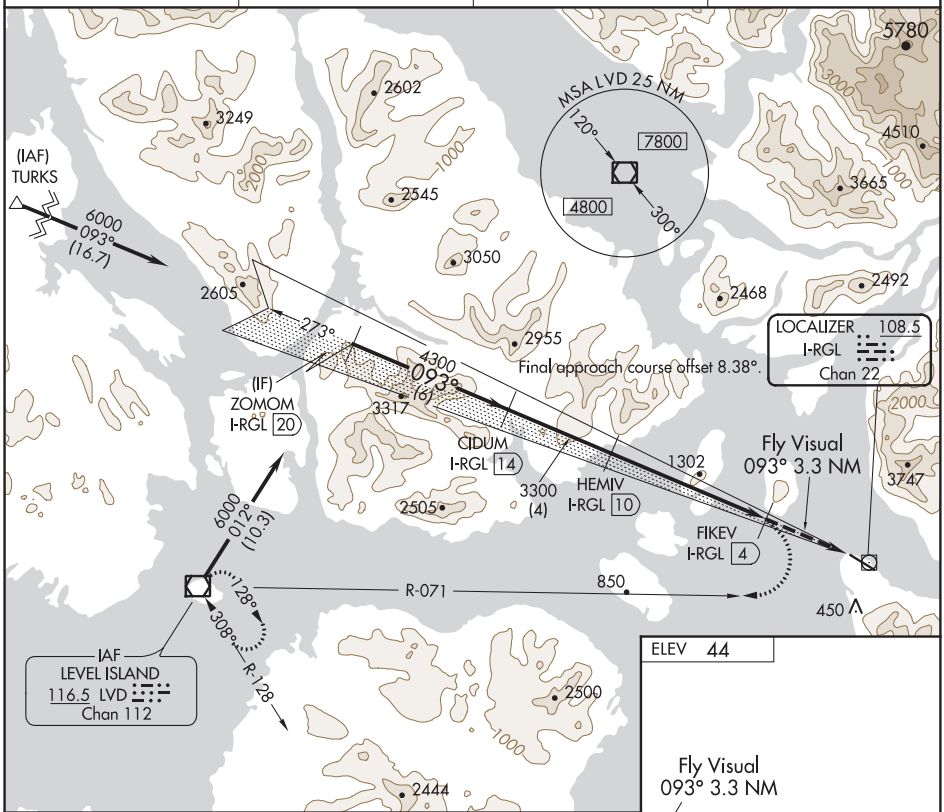
LOC/DME I-RGL	APP CRS	Rwy ldg	N/A
108.5	093°	TDZE	N/A
Chan 22		Apt Elev	44

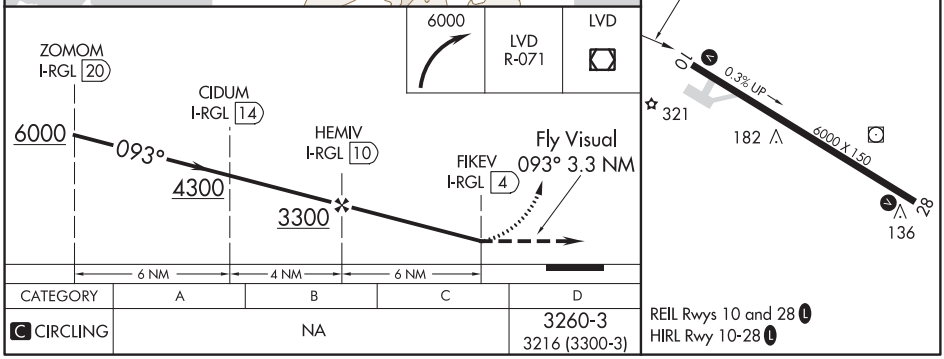
Circling NA north of Rwy 10-28. DME Required. Any go-around commenced after passing the MAP will not provide standard obstacle clearance.

-5°C

MISSED APPROACH: Climbing right turn to 6000 on LVD VOR/DME R-071 to LVD VOR/DME and hold.

AWOS-3P	ANCHORAGE CENTER	SITKA RADIO	CTAF
128.5	118.0	122.45	122.6 L





CATEGORY	A	B	C	D
C CIRCLING	NA			3260-3 3216 (3300-3)

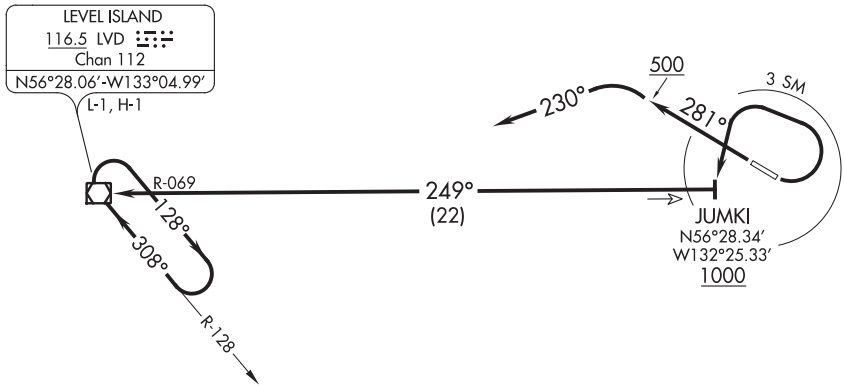
REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

LEVEL ISLAND THREE DEPARTURE (OBSTACLE)

ANCHORAGE CENTER
118.0
SITKA RADIO
122.45
CTAF
122.6



TAKEOFF MINIMUMS

Rwy 10: 1000-3.
Rwy 28: Standard with minimum climb of 280′ per NM to 1100.

TAKEOFF OBSTACLE NOTES

Rwy 10: Trees and rising terrain beginning 52′ from DER, 253′ right of centerline, up to 148′ AGL/1241′ MSL.
Rwy 28: Trees and rising terrain beginning 84′ from DER, 266′ left of centerline, up to 23′ AGL/122′ MSL.

NOTE: Rwy 10, DME required.

NOTE: Rapidly rising terrain south/southwest and east/northeast of airport to above 2500′ within 3 miles of airport.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10: Turn left as soon as practicable, climb in visual conditions until established on LVD R-069 at JUMKI/LVD 22 DME fix on a westerly course (visual conditions must be maintained from takeoff until established over JUMKI at/above 1000). Cross JUMKI at or above 1000 then climb on LVD R-069 to LVD VOR/DME. Thence . . . .

TAKEOFF RUNWAY 28: Climb heading 281° to 500 then climbing left turn heading 230° to intercept LVD R-069 to LVD VOR/DME. Do not exceed 180K until established on LVD R-069 westbound. Thence . . . .

. . . . continue climb in hold to MEA for route of flight.

AK, 05 NOV 2020 to 31 DEC 2020
AK, 05 NOV 2020 to 31 DEC 2020

YAKUTAT, ALASKA | AL-1193 (FAA) | 19115

LOC I-YAK	APP CRS	Rwy ldg	7732
111.1	115°	TDZE	33
		Apt Elev	33

ILS or LOC/DME RWY 11

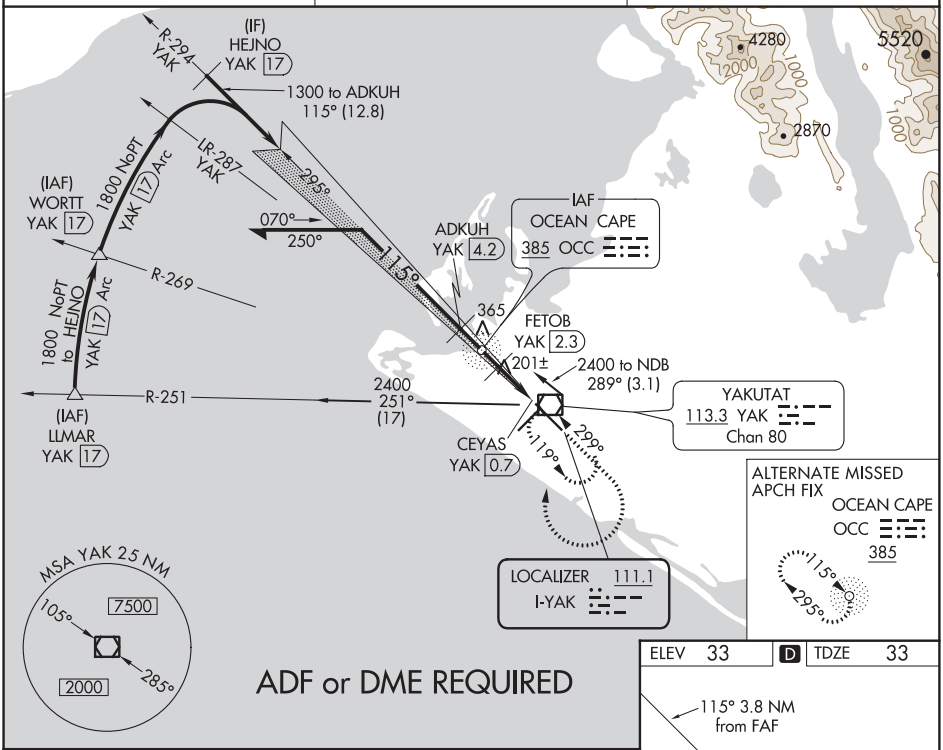
YAKUTAT (YAK) (PAYA)

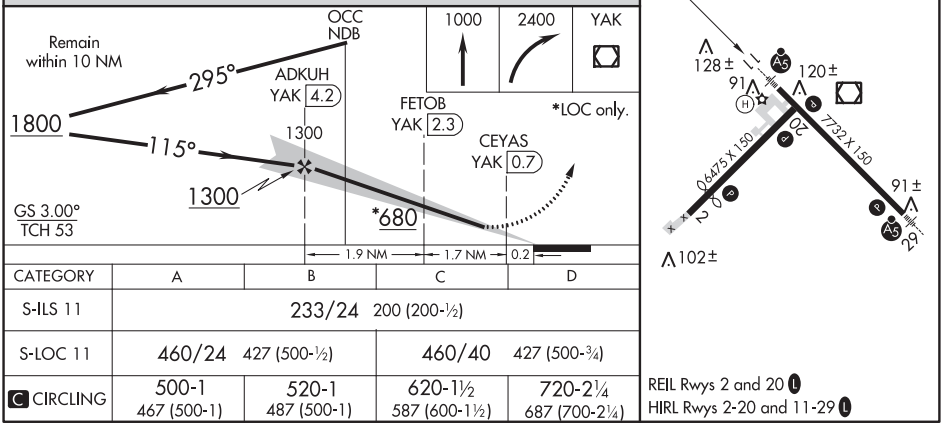
DME from YAK VOR/DME, simultaneous reception of I-YAK and YAK DME required.

MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 2400 direct YAK VOR/DME and hold, continue climb-in-hold to 2400.

ASOS	ANCHORAGE CENTER	JUNEAU RADIO
135.75	119.0 263.1	123.6 (CTAF) L





CATEGORY	A	B	C	D
S-ILS 11	233/24 200 (200-½)			
S-LOC 11	460/24 427 (500-½)		460/40 427 (500-¾)	
C CIRCLING	500-1 467 (500-1)	520-1 487 (500-1)	620-1½ 587 (600-1½)	720-2¼ 687 (700-2¼)

YAKUTAT, ALASKA
Amdt 3A 24JUL14

59°30′N-139°40′W

YAKUTAT (YAK) (PAYA)

ILS or LOC/DME RWY 11

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

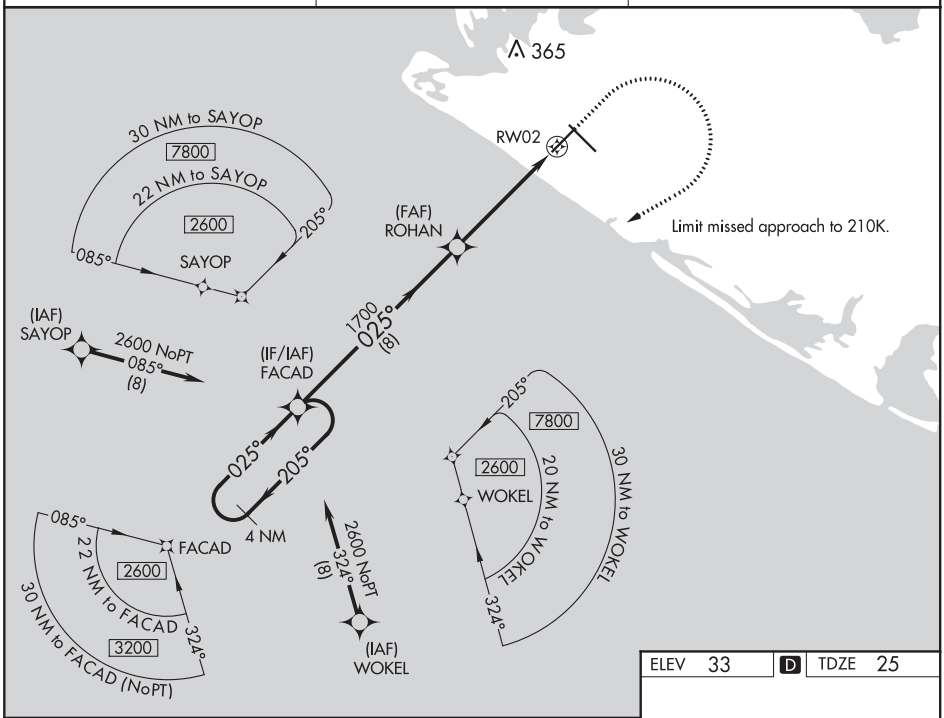
WAAS CH 78414 W02A	APP CRS 025°	Rwy ldg 5087 TDZE 25 Apt Elev 33

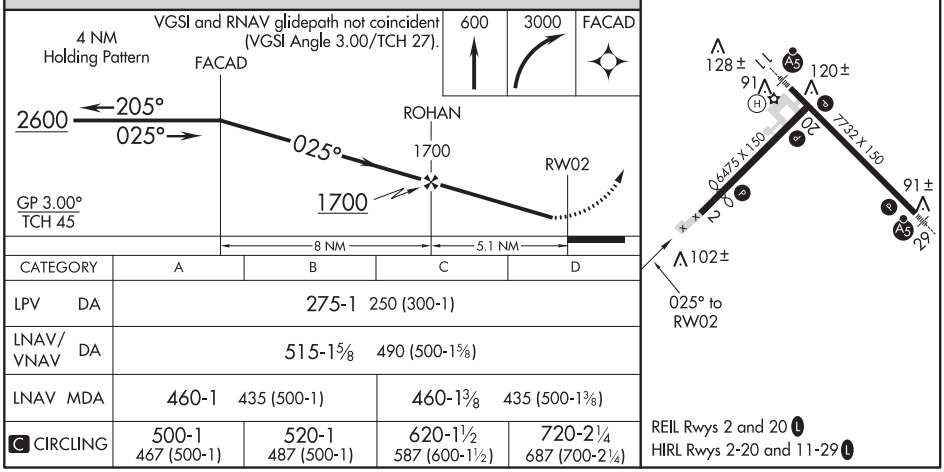
RNAV (GPS) RWY 2
YAKUTAT (YAK) (PAYA)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP- 0.3 NA. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct FACAD and hold.

ASOS	ANCHORAGE CENTER	JUNEAU RADIO
135.75	119.0 263.1	123.6 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	275-1 250 (300-1)			
LNAV/VNAV DA	515-1⅝ 490 (500-1⅝)			
LNAV MDA	460-1 435 (500-1)		460-1⅜ 435 (500-1⅜)	
C CIRCLING	500-1 467 (500-1)	520-1 487 (500-1)	620-1½ 587 (600-1½)	720-2¼ 687 (700-2¼)

AK, 05 NOV 2020 to 31 DEC 2020
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YAKUTAT, ALASKA | AL-1193 (FAA) | 19115

WAAS CH 86414 W11A	APP CRS 115°	Rwy ldg 7732 TDZE 33 Apt Elev 33

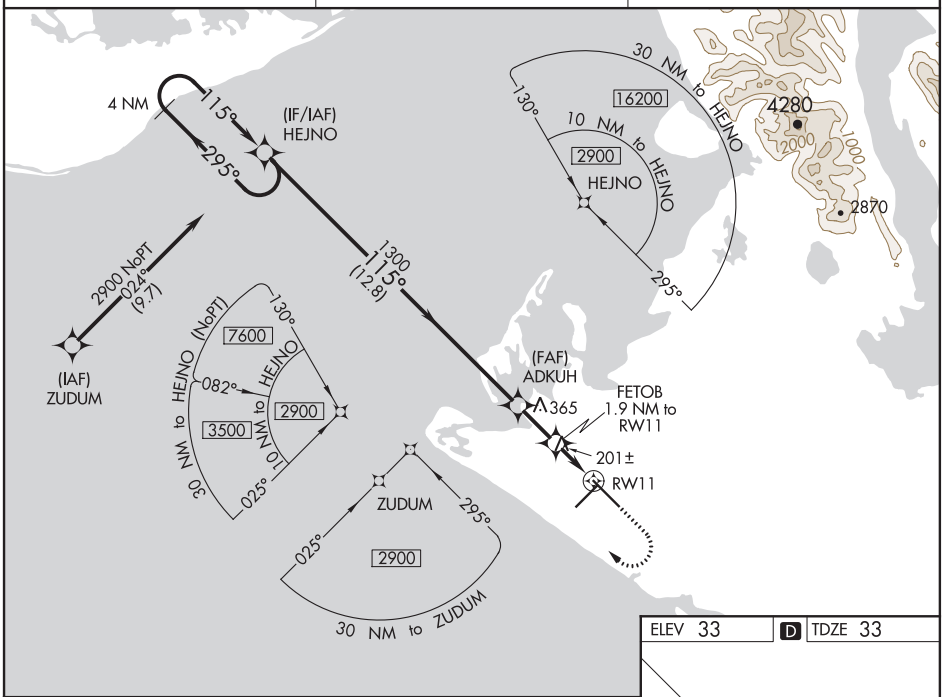
RNAV (GPS) RWY 11
YAKUTAT (YAK) (PAYA)

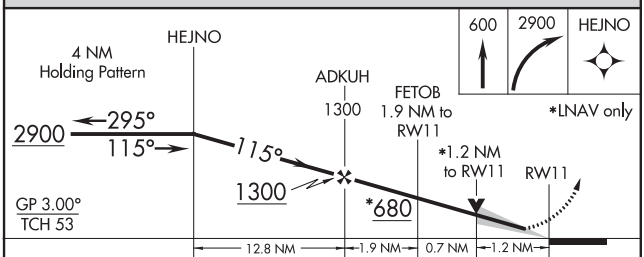
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

MALSR A5

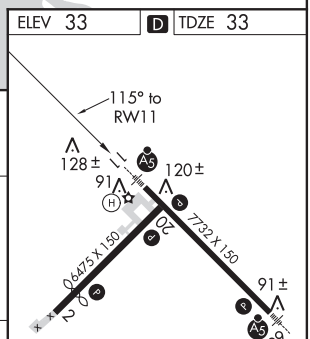
MISSED APPROACH: Climb to 600 then climbing right turn to 2900 direct HEJNO and hold.

ASOS	ANCHORAGE CENTER	JUNEAU RADIO
135.75	119.0 263.1	123.6 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	233/24 200 (200-½)			
LNAV/VNAV DA	508/57 475 (500-1¼)			
LNAV MDA	460/24 427 (500-½)		460/40 427 (500-¾)	
C CIRCLING	500-1 467 (500-1)	520-1 487 (500-1)	620-1½ 587 (600-1½)	720-2¼ 687 (700-2¼)



REIL Rwys 2 and 20 L
HIRL Rwys 2-20 and 11-29 L

AK, 05 NOV 2020 to 31 DEC 2020

AK, 05 NOV 2020 to 31 DEC 2020

WAAS CH 66006 W29A	APP CRS 295°	Rwy ldg 7732 TDZE 26 Apt Elev 33

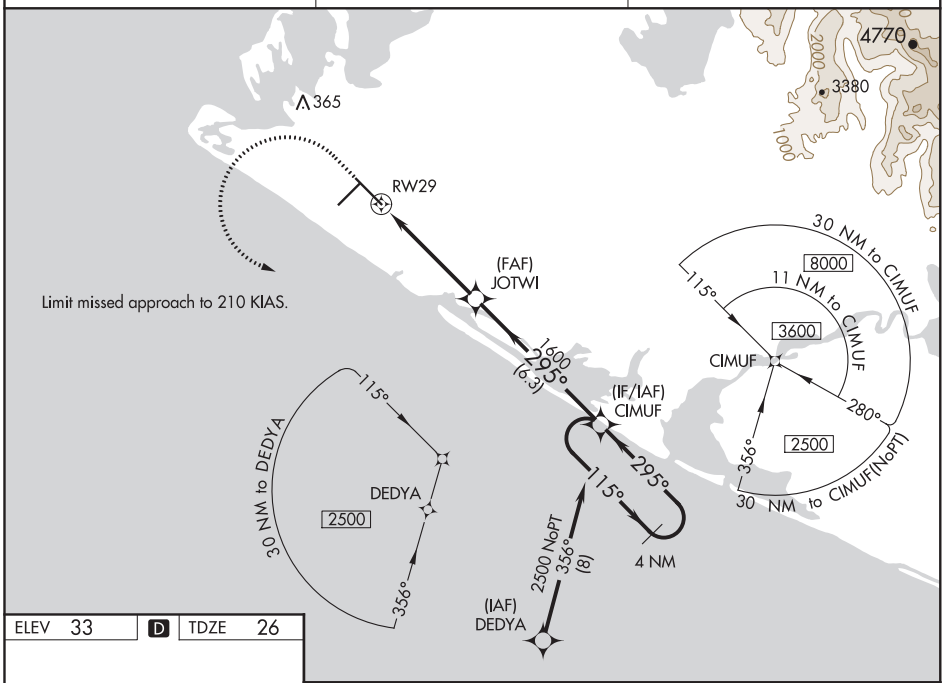
RNAV (GPS) RWY 29
YAKUTAT (YAK) (PAYA)

T A Inoperative table does not apply to LPV all Cats and LNAV Cats A and B. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). For inoperative MALSR, increase LNAV/VNAV all Cats visibility to 1½ miles; LNAV Cats C and D visibility to 1⅜ miles. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

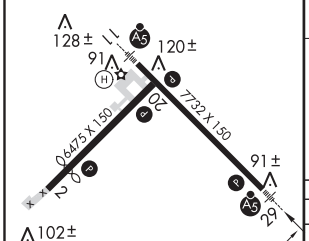
MALSR A5

MISSED APPROACH: Climb to 600 then climbing left turn to 3000 direct CIMUF and hold.

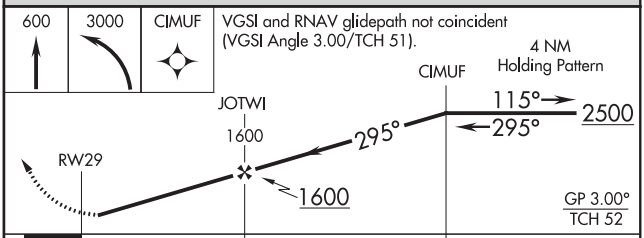
ASOS	ANCHORAGE CENTER	JUNEAU RADIO
135.75	119.0 263.1	123.6 (CTAF) L



ELEV 33 D TDZE 26



REIL Rwys 2 and 20 L
HIRL Rwys 2-20 and 11-29 L



CATEGORY	A	B	C	D
LPV DA	287-1 261 (300-1)			
LNAV/VNAV DA	484-1⅛ 458 (500-1⅛)			
LNAV MDA	480-1 454 (500-1)			
C CIRCLING	500-1 467 (500-1)	520-1 487 (500-1)	620-1½ 587 (600-1½)	720-2¼ 687 (700-2¼)

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AK, 05 NOV 2020 to 31 DEC 2020

LOC I-YAK	APP CRS	Rwy ldg 7732
111.1	295°	TDZE 26
		Apt Elev 33

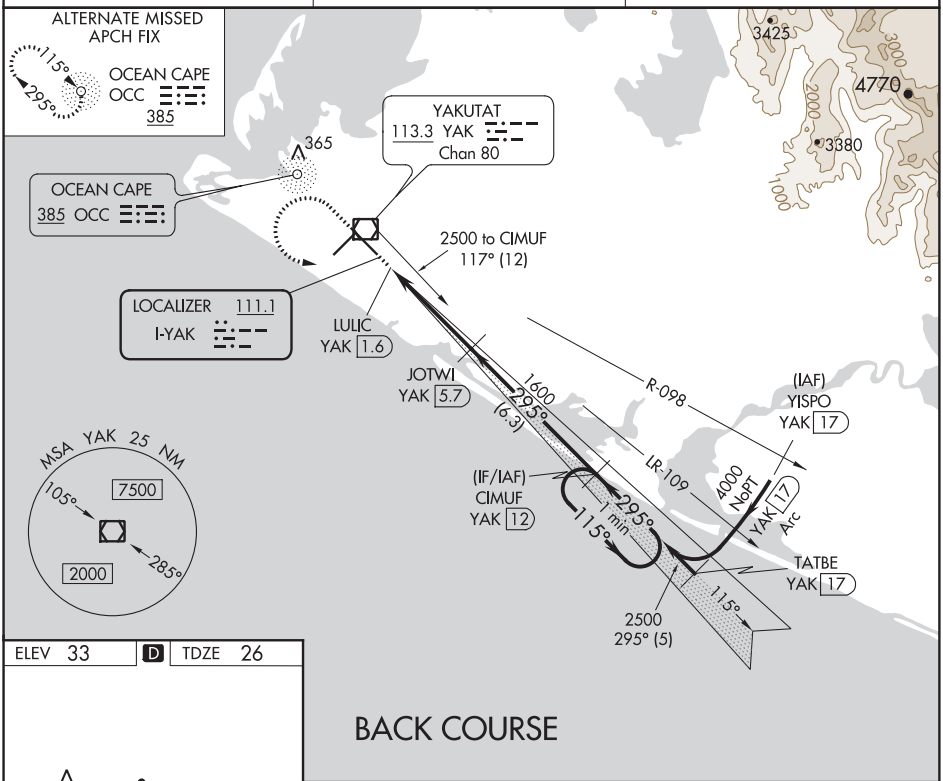
LOC/DME BC RWY 29
YAKUTAT (YAK) (PAYA)

DME from YAK VOR/DME.
Simultaneous reception of I-YAK and YAK DME required.
Inop table does not apply to S-29 Cats A, B.
For inop MALSR, increase S-29 Cat C/D visibility to 1⅜ mile.

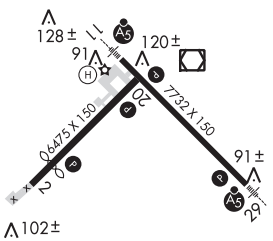
MALSR

MISSED APPROACH: Climb to 2000 then climbing left turn to 2500 to intercept YAK VOR/DME R-117 to CIMUF/YAK 12 DME and hold.

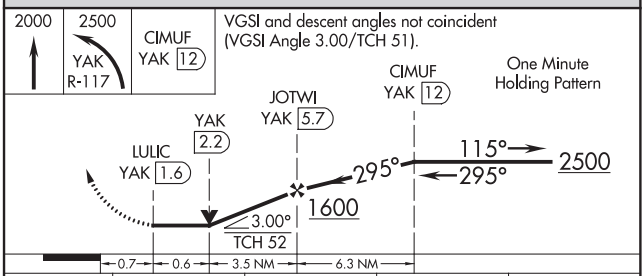
ASOS	ANCHORAGE CENTER	JUNEAU RADIO
135.75	119.0 263.1	123.6 (CTAF)



ELEV 33 | D | TDZE 26



REIL Rwys 2 and 20
HIRL Rwys 2-20 and 11-29



CATEGORY	A	B	C	D
S-29	480-1 454 (500-1)			
C CIRCLING	500-1 467 (500-1)	520-1 487 (500-1)	620-1½ 587 (600-1½)	720-2¼ 687 (700-2¼)

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AK, 05 NOV 2020 to 31 DEC 2020

VOR/DME YAK 113.3 Chan 80	APP CRS 308°	Rwy ldg 7732 TDZE 26 Apt Elev 33

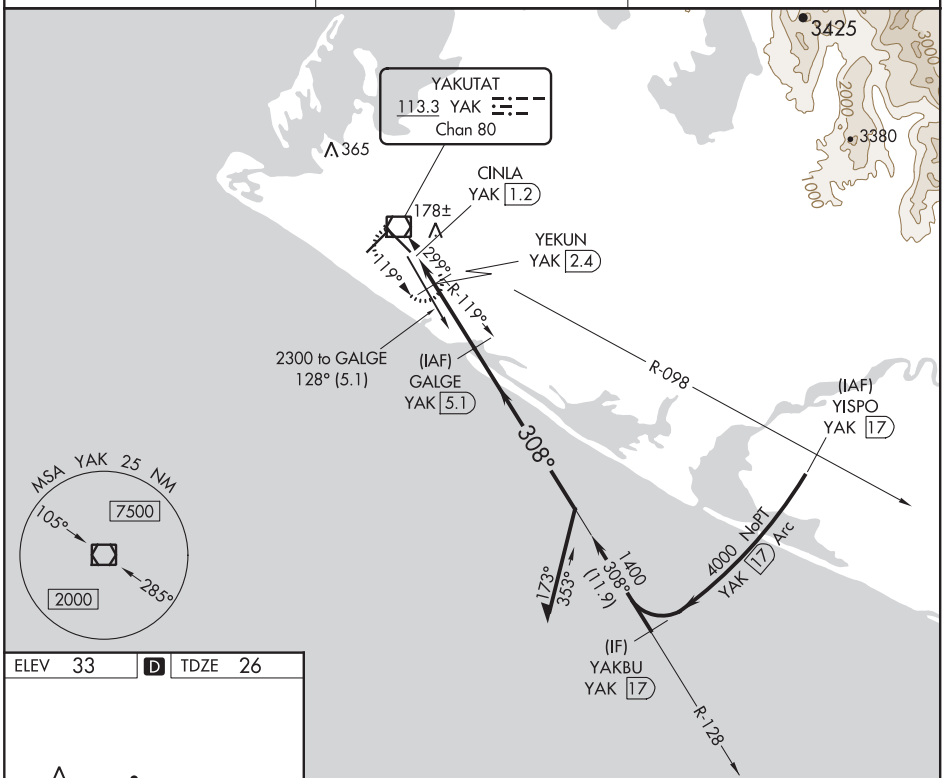
VOR/DME RWY 29
YAKUTAT (YAK) (PAYA)

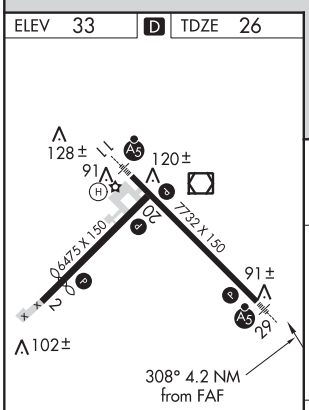
T A Inop table does not apply to Cats A/B. For inop MALSR, increase Cats C/D visibility to 1⅛ mile.

MALSR A5

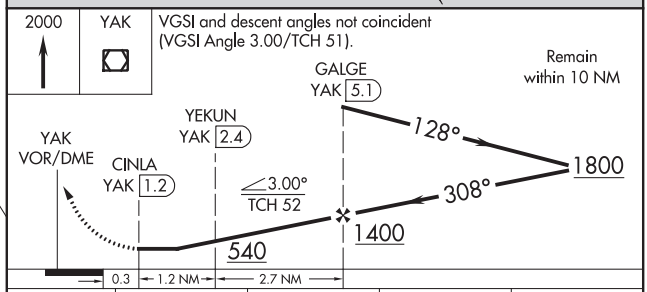
MISSED APPROACH: Climb to 2000 direct YAK VOR/DME and hold, continue climb-in-hold to 2000.

ASOS	ANCHORAGE CENTER	JUNEAU RADIO
135.75	119.0 263.1	123.6 (CTAF) L





REIL Rwys 2 and 20 L
HIRL Rwys 2-20 and 11-29 L



CATEGORY	A	B	C	D
S-29	440-1 414 (500-1)			
C CIRCLING	500-1 467 (500-1)	520-1 487 (500-1)	620-1½ 587 (600-1½)	720-2¼ 687 (700-2¼)

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AK, 05 NOV 2020 to 31 DEC 2020

(FAKES4.FAKES) 17285

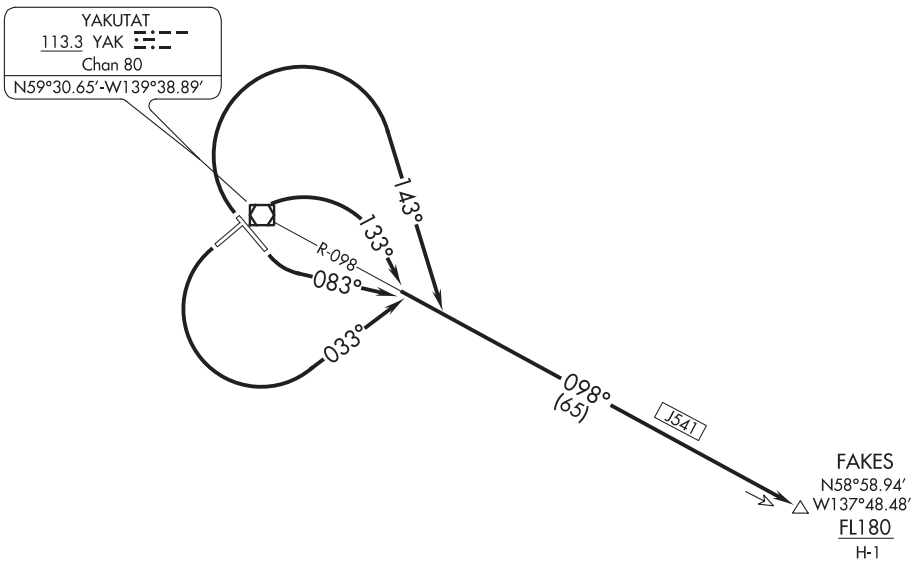
FAKES FOUR DEPARTURE

AL-1193 (FAA)

YAKUTAT (YAK)(PAYA)
YAKUTAT, ALASKA

ANCHORAGE CENTER
119.0 263.1
JUNEAU RADIO
123.6 (CTAF)

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwys 2, 11, 20, 29: Standard with minimum climb of 280′ per NM to FL180.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climbing right turn on heading 133°, thence. . . .
TAKEOFF RUNWAY 11: Climbing left turn on heading 083°, thence. . . .
TAKEOFF RUNWAY 20: Climbing left turn on heading 033°, thence. . . .
TAKEOFF RUNWAY 29: Climbing right turn on heading 143°, thence. . . .

. . . .intercept YAK VOR/DME R-098 to FAKES. Cross FAKES at or above FL180 for assigned route of flight.

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CLIMB/DESCENT TABLE 10042

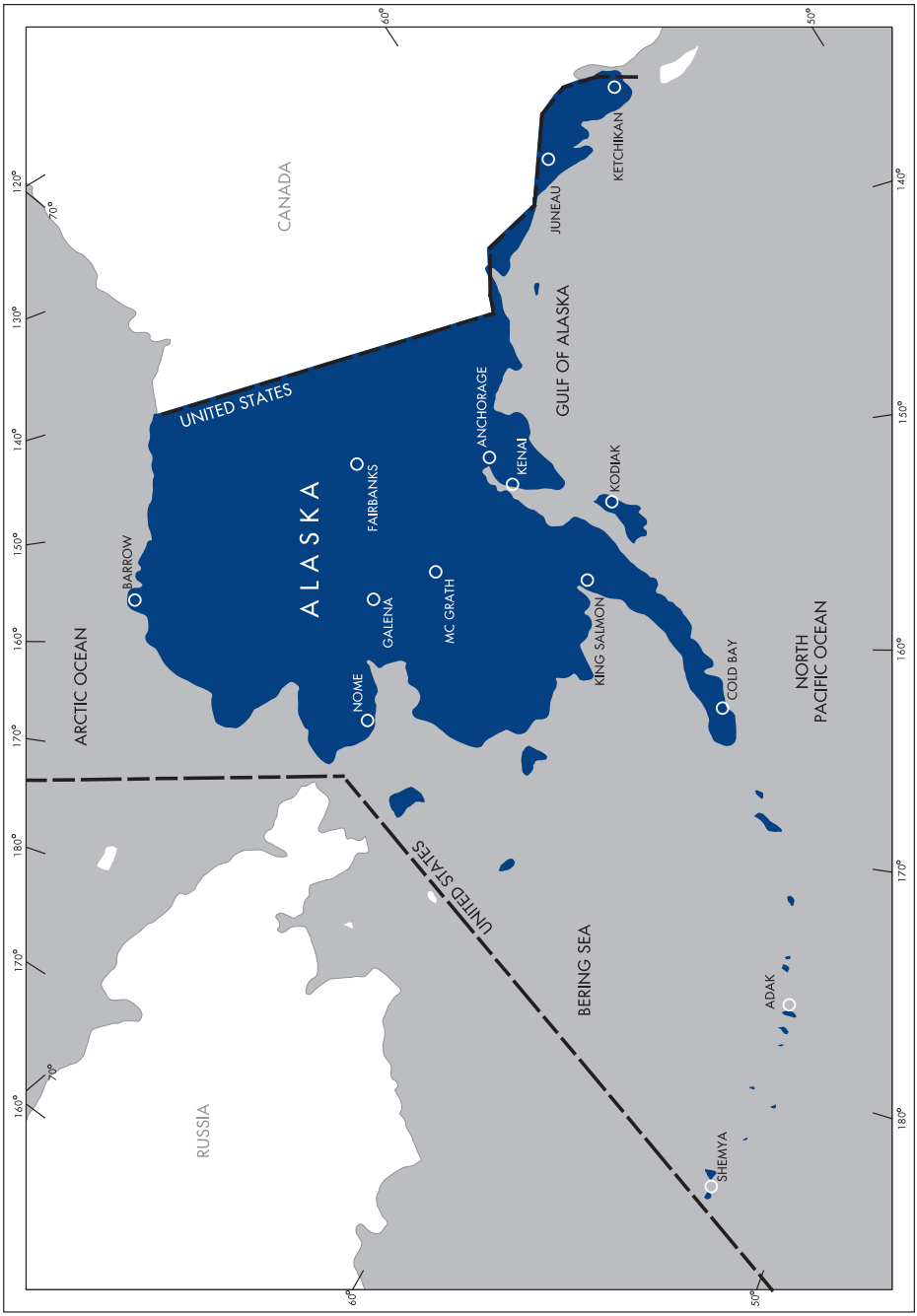
INSTRUMENT TAKEOFF OR APPROACH PROCEDURE CHARTS
RATE OF CLIMB/DESCENT TABLE

(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	1720
2.8	297	297	446	595	743	892	1041	1189	1338	1486	1635	1783
2.9	308	308	462	616	770	924	1078	1232	1386	1539	1693	1847
3.0	318	318	478	637	797	956	1115	1274	1433	1593	1752	1911
3.1	329	329	494	659	823	988	1152	1317	1481	1646	1810	1975
3.2	340	340	510	680	850	1020	1189	1359	1529	1699	1869	2039
3.3	350	350	526	701	876	1052	1227	1402	1577	1752	1927	2103
3.4	361	361	542	722	903	1083	1264	1444	1625	1805	1986	2166
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



FAA Product ID: ATP

NSN 7641014109675

NGA REF. NO. OK-09-3959 TERMXAKTPP

ALASKA COVERAGE

EFF. DATE 20310