

RNAV

U.S. DEPARTMENT OF TRANSPORTATION --
FEDERAL AVIATION ADMINISTRATION -- FLIGHT STANDARDS SERVICE
SPECIAL INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

When the instrument approach procedure of the above type is conducted at the below named airport, it must be conducted in accordance with a charted instrument approach procedure prodcated on the specifications contained herein and as specified on accompanying FAA 8260-7B (as amended). Minimum altitudes must correspond with those established for en route operation in the particular area or as set forth below. The information on this form is considered public and subject to disclosure under the Freedom of Information Act (FOIA).

SPECIFICATION - NOT FOR COCKPIT USE

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: LNAV: DAWKU
MORDI	ROFZU (FB)	223.81 / 57.93	2300	CLIMBING RIGHT TURN TO 2300 DIRECT ROFZU AND HOLD. CAUTION: DO NOT EXCEED A GROUND TRACK RADIUS OF 1.5 NM.
ROFZU	VOVUC (NOPT) (FB)	163.22 / 9.65	2300	
VOVUC (IF/IAF)	ICYOH (FB)	196.33 / 6.00	1600	
ICYOH (FAF) (SEE FORM 8260-10)	DAWKU (MAP) (FO)	196.27 / 5.04		

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 218.60 INBOUND. FAS OBST: 200 SHIP 540008N/1662552W CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 110.43 DEGREES. FAC CROSSES RWY C/L EXTENDED 4044 FT FROM THLD. MAG VAR: 9E EPOCH YEAR: 2020
2.	HOLD N VOVUC, RT, 196.33 INBOUND, 2300 FT. IN LIEU OF PT (IAF)					
3. FAC:	196.27	FAF: ICYOH	DIST FAF TO MAP:		5.04 THLD: 10.03	
4. MIN. ALT:	VOVUC 2300, ICYOH 1600					
5. DIST TO THLD FROM OM:		MM:		IM:	150 HAT: 100 HAT: GS ANT:	
6. MIN GS INCPT:		GS ALT AT:		OM:	MM: IM:	
7. GS ANGLE:	TCH: 34:1 IS NOT CLEAR					
8. MSA FROM:	DAWKU 7900					

MINIMUMS															
TAKEOFF: SEE FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A	X						
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	500	3	481	500	3	481	500	3	481	500	3	481			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PLANVIEW AND PROFILE NOTES: FLY VISUAL TO AIRPORT, 203 - 5 NM.
CHART NOTE: IF AMAKNAK ISLAND NOT SIGHTED AT MAP, EXECUTE MISSED APPROACH.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT MORDI ON G1, T227 AND G8 NORTHEAST BOUND.

CITY AND STATE UNALASKA, AK	ELEVATION: 22 TDZE: 19 AIRPORT NAME: UNALASKA	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG	SUP:
				AMDT: NONE
				DATED:

QUALITY
10
CHECKED

ADDITIONAL FLIGHT DATA/NOTES CONTINUED: NOTES, (CONT.): CHART NOTE: USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS. CHART NOTE: ACTIVATE MIRL RWY 31-CTAF. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AKUTAN ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. CHART NOTE: CIRCLING NA. CHART NOTE: FINAL COURSE DOES NOT MEET RUNWAY ALIGNMENT STANDARDS.		
SUBMITTED BY		
NAME:	OFFICE	DATE:
FLIGHT CHECKED BY		
NAME: EDWARD W MESA <i>Digitally signed by JOHNNIE BAKER</i> Jun 13, 2016	OFFICE FICO	DATE: 06/09/2016
DEVELOPED BY		
NAME: <i>Digitally signed by COLTON CROWDER</i> COLTON CROWDER Apr 26, 2016	OFFICE AJV-5432	DATE: 02/25/2016
RECOMMENDED BY		
NAME: <i>Digitally signed by JOHNNIE BAKER</i> LONNIE EVERHART Jun 13, 2016	OFFICE AJV-5430 MANAGER	DATE:
APPROVED BY		
NAME:		DATE:
CHANGES:		
REASONS: 06/14/16: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/13/16. 1. ADDED CHART NOTE: CIRCLING NA. 2. ADDED CHART NOTE: FINAL COURSE DOES NOT MEET RUNWAY ALIGNMENT STANDARDS. 3. ADDED CAUTION VERBIAGE IN MISSED APPROACH INSTRUCTIONS. 4. DELETED DUPLICATE PROCEDURE NA AT NIGHT NOTE. 06/28/16: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/10/16. 1. DELETED MISSED APPROACH CAUTION NOTE: ANY GO-AROUND AFTER PASSING THE MAP WILL NOT PROVIDE STANDARD OBSTRUCTION CLEARANCE.		



**SPECIAL INSTRUMENT APPROACH PROCEDURE --
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
DAWKU (MAP)	422 MSL	196.27	
422 MSL	ROFZU (FO)		2300

CITY AND STATE

UNALASKA, AK

ELEVATION: 22

TDZE: 19

AIRPORT NAME:

UNALASKA

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

SUP:

AMDT:

DATED:

QUALITY
10
CHECKED

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					



CITY AND STATE	ELEVATION: AIRPORT NAME:	TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
					AMDT:
					DATED:

QUALITY
10
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: ATA AAT ALPA APA AOPA NBAA OTHER (specify) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				NFPG	DATE:
APPROVED BY					
NAME:				NFPG	DATE:
CHANGES:					
REASONS:					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.					
FEEDER		MORDI		ROFZU		1. SHIP		542230.00N/1661145.00W		200 (2C)	2000	AT100		2300					
						2. WATER		542230.00N/1661145.00W		0 (0)		AS1500		1500					
INITIAL		ROFZU		VOVUC		3. SHIP		541200.00N/1662100.00W		200 (2C)	1000	AT1100		2300					
						4. WATER		541200.00N/1662100.00W		0 (0)		AS1500		1500					
INTERMEDIATE		VOVUC (IF/IAF)		ICYOH		5. SHIP		540452.00N/1662214.00W		200 (2C)	500	AT900		1600					
						6. WATER		540452.00N/1662214.00W		0 (0)		AS1500		1500					
FINAL: LNAV		ICYOH		DAWKU		7. SHIP		540008.00N/1662552.00W		200 (2C)	250	DG50		500					
2. HOLD-IN-LIEU-OF-PT		VOVUC		P-7		5. SHIP		540452.00N/1662214.00W		200 (2C)	1000	AT1100		2300					
						6. WATER		540452.00N/1662214.00W		0 (0)		AS1500		1500					
3. MISSED APPROACH	MAP:		DAWKU		ROFZU							ASC			2300				
							8. AAO		535747.00N/1663545.00W		700 (2C)	1000			1700				
	ELEV:		400				9. TERRAIN		535747.00N/1663545.00W		500 (500)		AS1500		2000				
4. CIRCLING AREA		DISTANCE				HT. ABV. ARPT.													
CATEGORY A	1.3 NM		REQUIRED	350	ACTUAL														
CATEGORY B	1.5 NM			450															
CATEGORY C	1.7 NM			450															
CATEGORY D	2.3 NM			550															
CATEGORY E	4.5 NM			550															
5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID: DA WK U																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
360-360		VOLCANO		237/14.0		6880 (6C)		7900											
CITY AND STATE UNALASKA, AK				ELEVATION: 22 AIRPORT NAME: UNALASKA				FACILITY RNAV				PROCEDURE AND AMENDMENT NO: RNAV (GPS) RWY 31, ORIG				REGION AAE			

PART B - SUPPLEMENTAL DATA										
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING			
ENA FSS ZAN ARTCC COLD BAY FSS						N W S F A A A / C	OTHER: AWOS-3 0/24			
SATISFACTORY ON:				LOCATION: PADU			ADJUSTMENT: 0/98			
X V H F				U H F				H F		
4. MONITOR STATUS		PRIMARY NAVAID:								
		MONITOR POINT:								
		HRS OPTN:		CAT 1						
				CAT 3						
5. APPROACH & RUNWAY LIGHTING				ALS						
				(S) SALS						
				MALS						
				HIRL						
		X		MIRL 13 (PCL), 31 (PCL)						
		X		REIL 13 (PCL), 31 (PCL)						
				TDZ						
				C/LINE						
		X		OTHER (SPECIFY) VASI-4R 31 (PCL) VASI-4L 13 (PCL)						
6. RUNWAY MARKINGS		BASIC BSC-G 13, 31								
		ALL WEATHER								
		INSTRUMENT								
7. RUNWAY VISUAL RANGE		APPROACH								
		MIDFIELD								
		ROLL OUT								
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
						THRESHOLD CROSSING HEIGHT:				
9. FINAL APPROACH COURSE AIMING					RUNWAY THRESHOLD 4044				FT. FROM THRESHOLD	
					ON CENTERLINE				FT. FROM CENTERLINE	
10. WAIVERS: 5 ORDER 8260.58A PARAGRAPH 3-7-3; THE PROCEDURE AUTHORIZES USE BY CATEGORY A-D AIRCRAFT. THE MISSED APPROACH IS A TURNING MISSED APPROACH AND THE LARGEST RADIUS USED IS CATEGORY C. ORDER 8260.3B, VOLUME 1, PARAGRAPH 260; THE PROCEDURE IS NOT ALIGNED WITH THE RUNWAY CENTERLINE AND CIRCLING APPROACH AREA IS NOT CONSIDERED FOR OBSTACLE CLEARANCE. ORDER 8260.58A PARAGRAPH 3-2-2B; THE FINAL APPROACH COURSE IS NOT ALIGNED TO A PORTION OF THE USABLE LANDING SURFACE OR THE CENTER OF THE LANDING AREA. ORDER 8260.3B, VOLUME 1, PARAGRAPH 3.2.2.B; MINIMUM VISIBILITY FOR THE APPROACH IS 3 STATUTE MILES, ALTHOUGH THE DISTANCE TO THE THRESHOLD IS 4.7 NAUTICAL MILES. CONT.										
PART D - PREPARED BY: COLTON CROWDER						DATE: 02/25/2016				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5432				

PART C - REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS,.

VGSI: 3.00/25.4 TCH.

PADU AWOS-3 ON SERVICE-A.

MISSED APPROACH TRAP HAND-DRAWN USING 8260.3 CRITERIA AND CAT C RADII, SEE WAIVER.

ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:

RWY 13
20:1
38 WSK LTD (PDUTT0229) 535412.70N/1663304.95W (16.01)

RWY 31 (TOP 5 LISTED, REMAINING OBSTACLES ON SEPARATE SHEET IN DATA FILE):

20:1
1663 GRD (PDUTT0933) 535235.30N/1663003.34W (1130.83)
1657 GRD (PDUTT0934) 535234.34N/1663003.10W (1120.85)
1644 GRD (PDUTT0926) 535236.16N/1663003.51W (1115.31)
1603 GRD (PDUTT0912) 535240.33N/1663001.21W (1084.60)
1583 GRD (PDUTT0887) 535242.99N/1663000.14W (1071.99)

34:1
RWY 31 (TOP 5 LISTED, REMAINING OBSTACLES ON SEPARATE SHEET IN DATA FILE):

981 GRD (PDUTT1198) 535135.46N/1662802.02W (385.06)
900 GRD (PDUTT1179) 535145.06N/1662806.29W (329.79)
872 GRD (PDUTT1149) 535120.17N/1662910.36W (327.70)
904 GRD (PDUTT1188) 535114.68N/1662849.61W (322.42)
924 GRD (PDUTT1213) 535136.82N/1662752.56W (319.30)

SEE ATTACHED AIRSPACE LETTER.
RASS PRESSURE PATTERNS SAME
PADU 22, PAUT 120
RA = 97.25.

QUALITY

10

CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL						
CATEGORY B	1.5 NM		450							
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID:					
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
									QUALITY

CITY AND STATE UNALASKA, AK	ELEVATION: 22 AIRPORT NAME: UNALASKA	FACILITY RNAV	PROCEDURE AND AMENDMENT NO: RNAV (GPS) RWY 31, ORIG	REGION AK
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PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
V H F		U H F		H F	LOCATION:			ADJUSTMENT:			
4. MONITOR STATUS	PRIMARY NAVAID:										
	MONITOR POINT:										
	HRS OPTN:	CAT 1									
		CAT 3									
5. APPROACH & RUNWAY LIGHTING		ALS									
		(S) SALS									
		MALS									
		HIRL									
		MIRL									
		REIL									
		TDZ									
		C/LINE									
	OTHER (SPECIFY)										
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
CONTINUED. ORDER 8260.58A PARAGRAPH 3-2-2; THE PROCEDURE DOES NOT MEET CRITERIA FOR AUTHORIZATION OF STRAIGHT-IN LANDING MINIMUM BUT IS IDENTIFIED AS A STRAIGHT-IN SIAP.											
PART D - PREPARED BY:						DATE:					
TITLE:						OFFICE:					

