

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW32							
DODPE (IAF)		COVOX (NOPT) (TF) (FB) (RNP 1.00)		047.61 / 8.00			4100		CLIMB TO 3100 DIRECT POYNE AND ON TRACK 014.44 TO RESEW AND ON TRACK 084.03 TO CUBPA AND HOLD.							
HORKA (IAF)		COVOX (NOPT) (TF) (FB) (RNP 1.00)		227.94 / 8.00			4100									
COVOX (IF/IAF)		FONIN (TF) (FB) (RNP 1.00)		317.77 / 8.00			1700									
FONIN (FAF)		RW32 (MAP) (TF) (FO) (RNP 0.30)		317.68 / 5.15												
RW32 (MAP)		424 MSL (CA)		317.68					ADDITIONAL FLIGHT DATA: HOLD NE, RT, 227.54 INBOUND. CHART FAS OBST: 502 TERRAIN 551808N/1602943W. DISTANCE TO THLD FROM 542 HAT: 1.59 NM. CHART VDP AT 1.83 NM TO RW32* *LNAV ONLY. WAAS CHANNEL # 78241 REFERENCE PATH ID: W32A CHART CIRCLING ICON. LTP HAE: 23.7 M							
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 11E EPOCH YEAR: 2020						
2. HOLD SE COVOX, RT, 317.77 INBOUND, 4100 FT. IN LIEU OF PT (IAF)																
3. FAC: 317.68 FAF: FONIN DIST FAF TO MAP: 5.15 THLD: 5.15																
4. MIN. ALT: COVOX 4100, FONIN 1700																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: 1700 GS ALT AT: FONIN 1700 OM: _____ MM: _____ IM: _____																
7. GS ANGLE: 3.00 TCH: 36.0 34:1 IS CLEAR																
8. MSA FROM: _____																
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @							
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	
LPV DA	566	1 5/8	542	566	1 5/8	542	566	1 5/8	542	566	1 5/8	542				
LNAV/VNAV DA	859	2 1/2	835	859	2 1/2	835	859	2 1/2	835	859	2 1/2	835				
LNAV MDA	760	1	736	760	1	736	760	2	736	760	2	736				
CIRCLING	760	1	736	760	1	736	1520	3	1496	2200	3	2176				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). @ CAT C 1500-3, CAT D 2200-3 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. CHART NOTE: CIRCLING NA NW OF RWY 14-32. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).																
CITY AND STATE SAND POINT, AK		ELEVATION: 24 TDZE: 24 AIRPORT NAME: SAND POINT		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG					SUP: AMDT: NONE DATED					



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div>X</div>	
APA <div>X</div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify) <div>X</div>		ZAN, CDB FSS, ALASKA DOT, AMGR			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
HERMAN C. ROGERS				AJV-5432	10/05/2017
APPROVED BY					
NAME:				FIFO	DATE:
PATRICK MULQUEEN				AJV-5430	
CHANGES:					
REASONS:					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
424 MSL	POYNE (DF) (FB) (RNP 1.00)		
POYNE	RESEW (TF) (FB) (RNP 1.00)	014.44 / 8.33	
RESEW	CUBPA (TF) (FO) (RNP 1.00)	084.03 / 16.36	3100

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	228/30 CW 048/30 (NOPT)	228/13 CW 048/13	4900
	228/13 CW 048/13	COVOX (IF/IAF) (FB)	4100
2.	048/30 CW 138/30	048/10 CW 138/10	4500
	048/10 CW 138/10	DODPE (IAF) (FB)	4100
3.	138/30 CW 228/30	138/16 CW 228/16	6100
	138/16 CW 228/16	HORKA (IAF) (FB)	4100

QUALITY
4
CHECKED

CITY AND STATE SAND POINT, AK	ELEVATION: 24 TDZE: 24 AIRPORT NAME: SAND POINT	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG	SUP:
				AMDT: NONE
				DATED:

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

**RNAV STANDARD 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PASD
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	551832.2100N
LTP/FTP LONGITUDE	1603058.8415W
LTP/FTP ELLIPSOIDAL HEIGHT	+00237
FPAP LATITUDE	551948.1195N
FPAP LONGITUDE	1603220.0915W
THRESHOLD CROSSING HEIGHT (TCH)	00036.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1336
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 5CF5E7A5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00071
FPAP ORTHOMETRIC HEIGHT	+00071

QUALITY
4
CHECKED

CITY AND STATE SAND POINT, AK	ELEVATION: 24 TDZE: 24 AIRPORT NAME: SAND POINT	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG	SUP:
				AMDT: NONE
				DATED:

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:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD																			
PART - A OBSTRUCTION DATA																			
1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.						
STRAIGHT-IN AREA		228/30 CW 048/30		228/13 CW 048/13		1. AAO		545236.00N/1601330.00W		2858 (5E)	2000		4900						
						2. TERRAIN		545236.00N/1601330.00W		2658 (2700)		AS1500	4200						
STRAIGHT-IN AREA		228/13 CW 048/13		COVOX		3. AAO		550533.00N/1595905.45W		2037 (2C)	2000		4100						
						4. TERRAIN		550533.00N/1595905.45W		1837 (1800)		AS1500	3300						
LEFT BASE AREA		048/30 CW 138/30		048/10 CW 138/10		5. AAO		551708.65N/1604302.91W		2483 (2C)	2000		4500						
						6. TERRAIN		551708.65N/1604302.91W		2248 (2200)		AS1500	3700						
LEFT BASE AREA		048/10 CW 138/10		DODPE		7. AAO		551120.88N/1603651.45W		1830 (2C)	2000	AT270	4100						
						8. TERRAIN		551120.88N/1603651.45W		1630 (1600)		AS1500	3100						
RIGHT BASE AREA		138/30 CW 228/30		138/16 CW 228/16		9. AAO		554257.65N/1601049.60W		4028 (2C)	2000		6100						
						10. TERRAIN		554257.65N/1601049.60W		3828 (3800)		AS1500	5300						
RIGHT BASE AREA		138/16 CW 228/16		HORKA		11. AAO		552413.66N/1601744.88W		2008 (2C)	2000		4100						
						12. TERRAIN		552413.66N/1601744.88W		1808 (1800)		AS1500	3300						
INITIAL		DODPE		COVOX		13. AAO		550434.13N/1603105.00W		399 (2C)	1000	AT2701	4100						
						14. TERRAIN		550434.13N/1603105.00W		199 (200)		AS1500	1700						
2. HOLD-IN-LIEU-OF-PT		COVOX		P-6		22. AAO		550335.42N/1600840.48W		1872 (2C)	1000	AT1228	4100						
						23. TERRAIN		550335.42N/1600840.48W		1672 (1700)		AS1500	3200						
3. MISSED APPROACH	MAP:	DA / DA / RW32		CUBPA		24. TERRAIN (02-206428)		551804.45N/1602954.40W		383 (1A)	ASC		3100						
						25. AAO		553303.00N/1602748.00W		1926 (5E)	1000		3000						
	ELEV:	251/697/660				26. TERRAIN		553042.50N/1600254.43W		1348 (1300)		AS1500	2800						
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	736		27. SHIP		551843.71N/1603310.75W		100 (2C)	300	SI	760			
CATEGORY B		1.5 NM			450		736		28. VEGETATION		552046.38N/1603245.23W		315 (1A)	300	SI	760			
CATEGORY C		1.7 NM			450		1496		29. TREE		551649.70N/1603457.60W		1211 (2C)	300		1520			
CATEGORY D		2.3 NM			550		2176		30. AAO		551602.70N/1603455.10W		1890 (2C)	300		2200			
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	
CITY AND STATE				ELEVATION: 24				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
SAND POINT, AK				AIRPORT NAME: SAND POINT				RNAV				RNAV (GPS) RWY 32, ORIG				AAL			

QUALITY
4
CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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PART - A OBSTRUCTION DATA

[illegible]

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	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
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:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	