

Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: IAP	Date Open: 07/14/2015	Task #: 2015071432933001003	Request #: 20150714329330
Procedure: NDB RWY 32 AMDT 1			Airport ID: PASD	Airport: SAND POINT		Reimbursable #: NO
City: SAND POINT	ST: AK	GPS #:	Estimated Chart Date: 03/29/2018		FICO #:	
Fac ID: HBT		Fac. Type: NDB			Specialist: HERMAN ROGERS	
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	08/30/2017	11/15/2017	ADOLFO URRUTIA	QUALITY		
QA:	11/15/2017			4 12/22CTabaka		
Liaison:				CHECKED		
Procedure Comments:			Remark Type: INFORMATION			
<p>ENROUTE-NON</p> <p>ESV(S): 1, LOA(S): 1</p> <p>MAGVAR UPDATE PENDING DATA USED FOR PASD AIRPORT AND BORLAND (HBT) NDB</p> <p>ASSIGNED MAGVAR: PASD/HBT NDB OLD 15E/2005-NEW 11E/2020</p> <p>CONTACT: PAT MULQUEEN/ADOLFO URRUTIA AJV-543 405.954.4073/2079</p>						

FIPC BASIC FORM						
PROCEDURE: NDB RWY 32 1			AIRPORT NAME: SAND POINT		AIRPORT ID: PASD	SPECIAL CONTROL NO: KP-03-026-18
FAC ID: HBT		CITY: SAND POINT			ST: AK	ORIG CHART DATE: 05/24/2018
DFL TYPE: PROC/A	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 0.4	REIMB. NUMBER:	PTS TASK ID: 2015071432933001003		
PREFLIGHT NOTES						
REVIEWER:					DATE:	
COMMENTS:					CHECK ONE:	
					<input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
						YES
					CPV COMPLETE?	X
PROCEDURE RESULTS						
INSPECTION DATE: 04/12/2018	CREW #: VN064	N #: N89	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		ARINC CODING: <input type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
FLIGHT INSPECTOR SIGNATURE: william r geiser @ 04/12/2018 19:04			PRINTED NAME: GEISER, WILLIAM RAY			NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FLIGHT INSPECTOR REMARKS: None						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:	

ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
Facility Data						
Chart Name : BORLAND		City : SAND POINT		Ident : HBT		State : AK
Type/Class : DME		Frequency : M1166		Reference No.: 17129044		
Expanded Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 793064-012	47	0	21	41	175	
Requirement: CUBPA IAF FOR PASD						
Signature: rogers herman			Routing Symbol:			Date: 12/15/2017
Expanded Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 793064-012	47	0	21	41	175	APPROVE
Requirement/Remarks: CUBPA IAF FOR PASDPEND FLT CHK @ REQ. DIST .& MIN ALT. CAPACITY STUDY REQ./INCREASED INTERROGATION LOAD MAY REDUCE TRANSPONDER REPLIES RESULTING IN LOSS OF DME SERVICE FOR SOME A/C						
Signature: Hughes Dennis			Routing Symbol:			Date: 12/15/2017
Expanded Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 793064-012	47	0	21	41	175	APPROVE
Requirement/Remarks: CUBPA IAF FOR PASDPEND FLT CHK @ REQ. DIST .& MIN ALT. CAPACITY STUDY REQ./INCREASED INTERROGATION LOAD MAY REDUCE TRANSPONDER REPLIES RESULTING IN LOSS OF DME SERVICE FOR SOME A/C						
Signature: Hughes Dennis			Routing Symbol:			Date: 12/15/2017
Expanded Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 793064-012	47	0				
Requirement/Remarks:						
Signature:			Routing Symbol:			Date:



Federal Aviation Administration

Memorandum

Date: December 18, 2017

To: Bruce DeCleene, Manager, Flight Technologies and Procedures Division
THRU: Jim Rose, Manager, Flight Procedure Implementation & Oversight Branch

From: Lonnie Everhart, Manager, IFP Coordination Team, AJV-5310

Subject: **ACTION:** Approval Request

NDB RWY 32, Sand Point, Sand Point, AK (PASD)

FAAO 8260.3C, VOL 1, PARA 2-6-2. Glidepath Angle (GPA) and Vertical Descent Angle (VDA). b. Flight Standards approval is required to establish a VDA (of a procedure where the FAC is straight-in aligned) that is less than the angle of a VGSI installed to the same runway. d. VDAs must not exceed the values specified in table 2-6-2.

The NDB RWY 32 is a non-precision straight-in aligned approach with CAT A-D minima. The procedure VDA is 3.47 and TCH is 36. The TCH meets the minimum glidepath-to-wheel height for height group 1. The VGSI for Rwy 32 is aimed at 3.60 degrees and TCH of 36.0. Increasing the procedure VDA to match the VGSI angle of 3.60 degrees would exceed the maximum allowable VDA for Cat D aircraft of 3.50 degrees. The procedure will be published with the following chart note: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}). Request approval to use a 3.47 degree VDA for the NDB RWY 32 procedure.

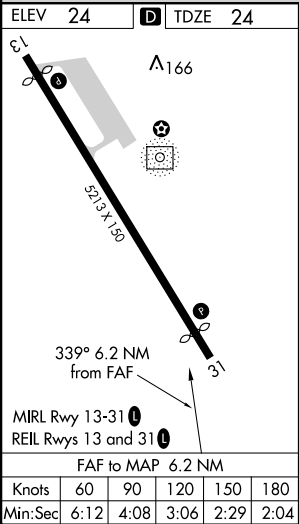
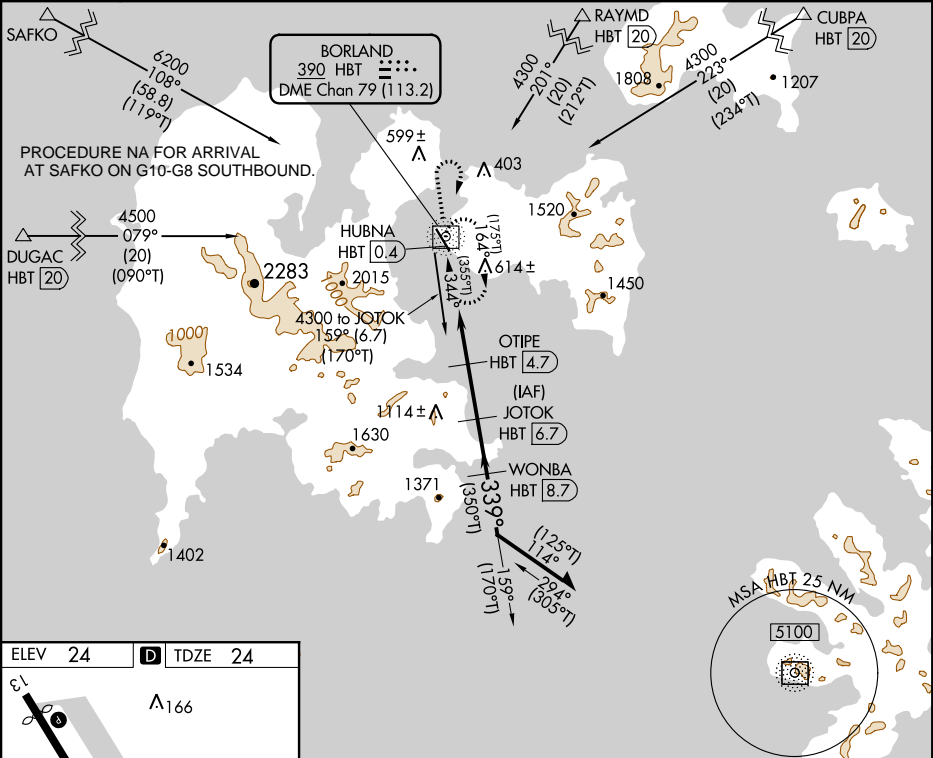
NDB/DME HBT 390	APP CRS 339°	Rwy Idg TDZE 24	4099
Chan 79 (113.2)		Apt Elev 24	

NDB/DME RWY 32
SAND POINT (SDP) (PASD)

⚠ When local altimeter setting not received, procedure NA. 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 134.85	ANCHORAGE CENTER 125.35 346.3	CLNC DEL 122.3	UNICOM 122.3 (CTAF) 0
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1800

4300

HBT

↑

↗

VGSI and descent angles not coincident (VGSI Angle 3.60/TCH 36).

JOTOK HBT 6.7

Remain within 10 NM

170°T 159°

3000

HBT NDB/DME

3.47° TCH 36

HBT

OTIPE HBT 4.7

HUBNA HBT 0.4

2.7

1620

2300

2900

339° (350°T)

8.7

2.2 NM

2 NM

2 NM

2 NM

CATEGORY

A

B

C

D

S-32

920-1¼

896 (900-1¼)

920-2½

896 (900-2½)

CIRCLING

920-1¼

896 (900-1¼)

1520-3

1496 (1500-3)

2200-3

2176 (2200-3)

SAND POINT, ALASKA

AL-6537 (FAA)

17229

NDB/DME HBT	APP CRS	Rwy Idg	4099
390	337°	TDZE	21
Chan 79 (113.2)		Apt Elev	21

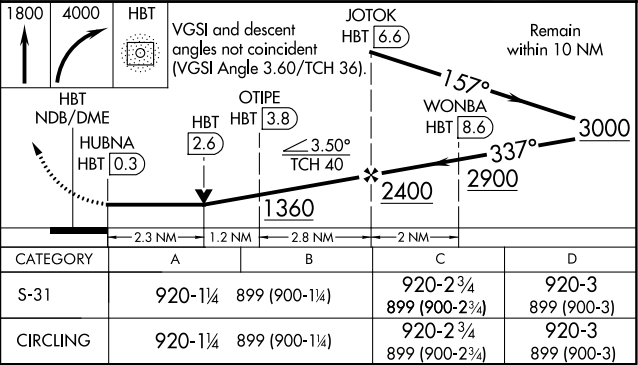
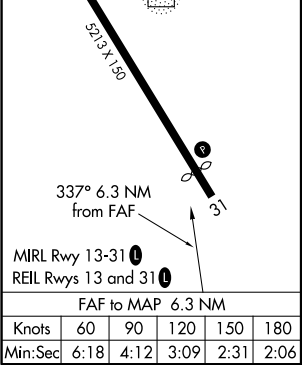
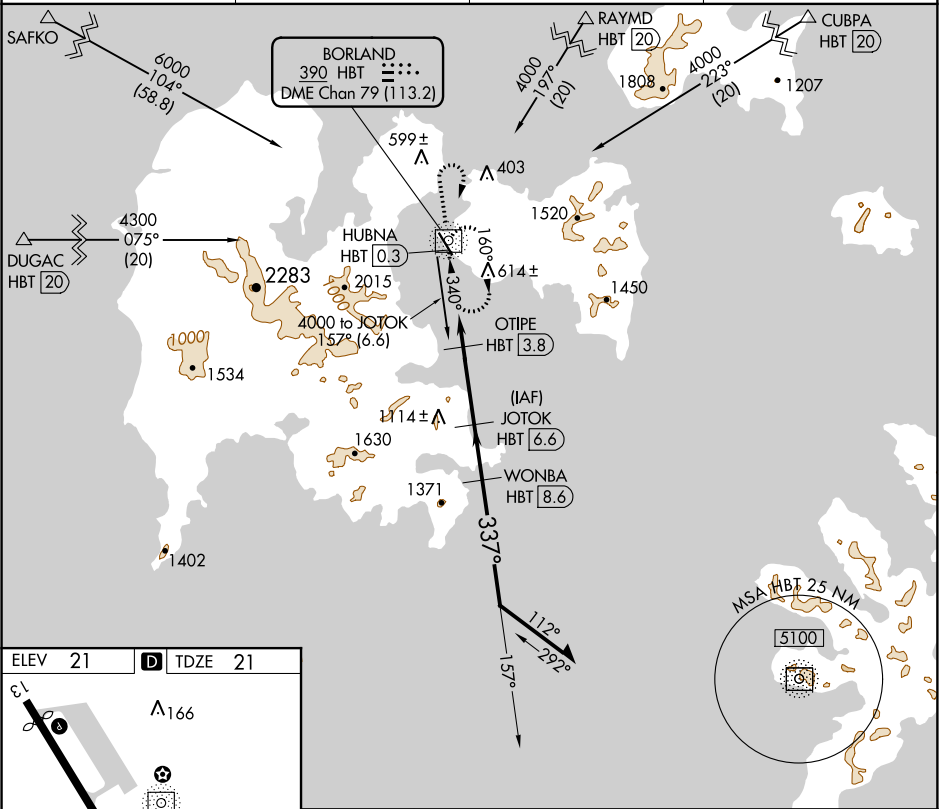
NDB/DME RWY 31

SAND POINT (SDP) (PASD)

A Circling NA northeast of Rwy 13-31.
If local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 1800, then climbing right turn to 4000 direct HBT NDB/DME and hold.

AWOS-3P 134.85	ANCHORAGE CENTER 125.35 346.3	CLNC DEL 122.3	UNICOM 122.3 (CTAF) 0
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SAND POINT, ALASKA
Orig 08JUN06

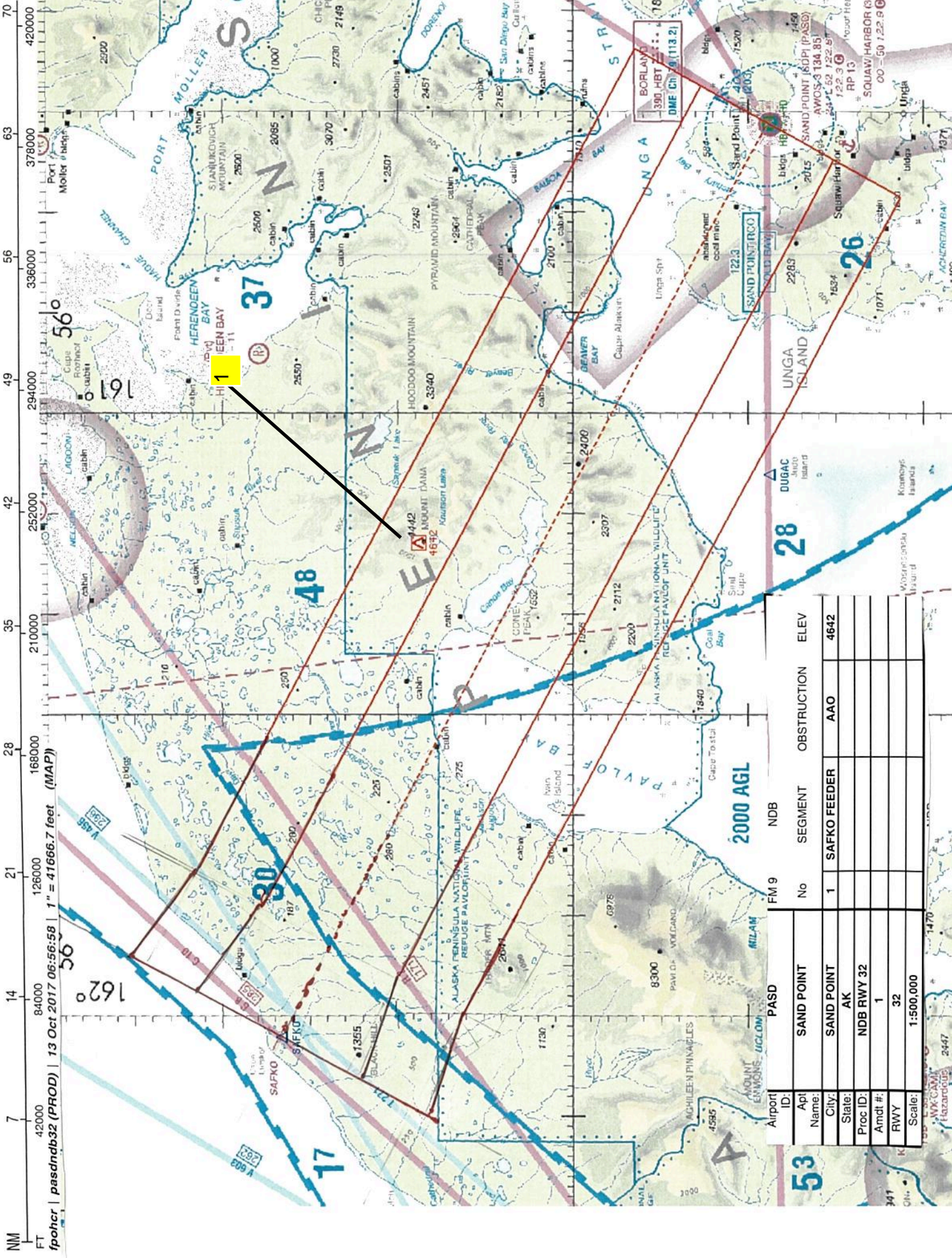
55°19'N-160°31'W

SAND POINT (SDP) (PASD)

NDB/DME RWY 31

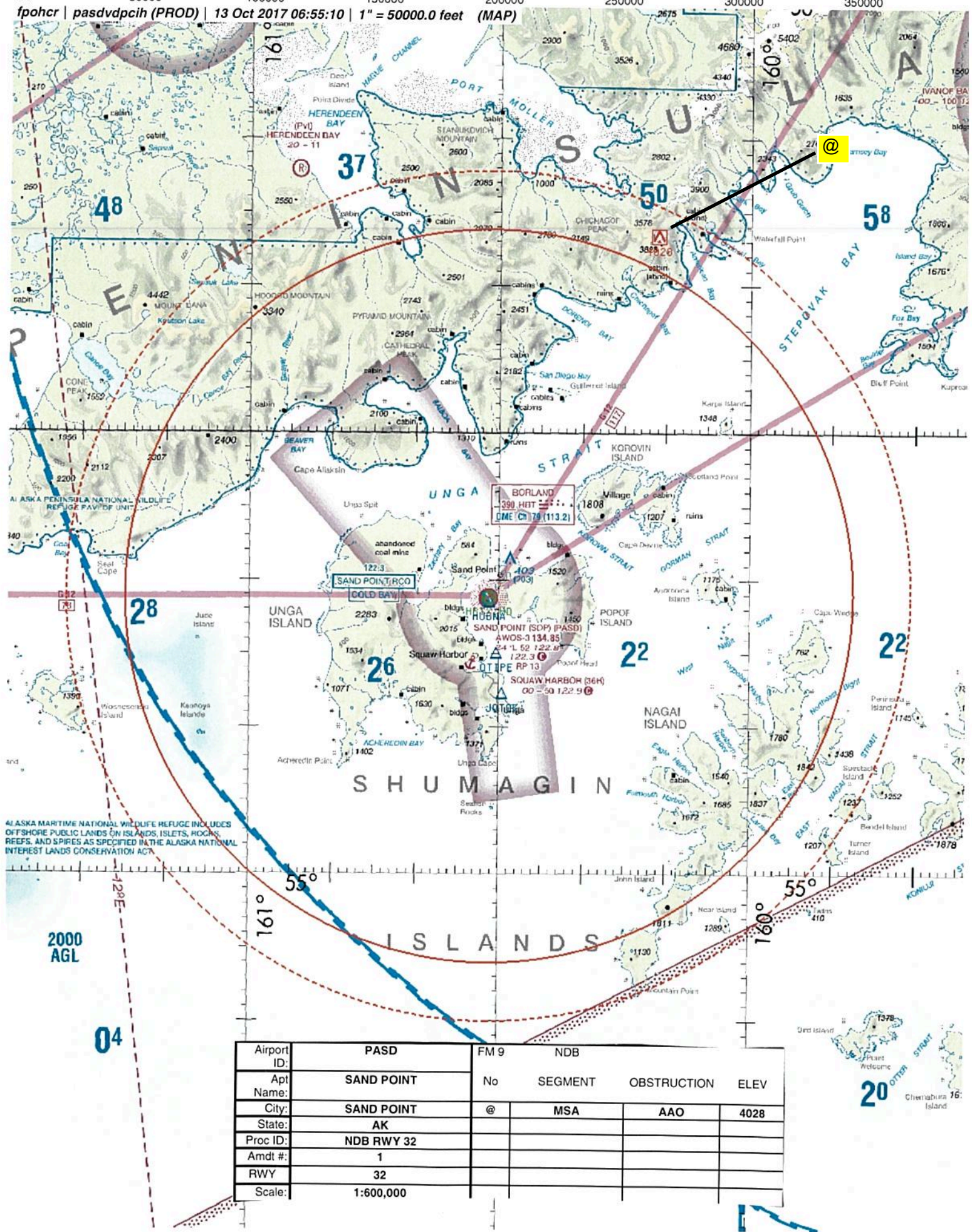
AK, 14 SEP 2017 to 12 OCT 2017

AK, 14 SEP 2017 to 12 OCT 2017



Airport ID:	Ap Name:	City:	State:	Proc ID:	Amdt #:	RWY	Scale:	PASD			FM 9			NDB			2000 AGL		
								SAND POINT	SAND POINT	AK	No	SEGMENT	OBSTRUCTION	ELEV	SAFKO FEEDER	AAO	ELEV	SAFKO	AAO
53											1						4642		

fpohcr | pasdvpcih (PROD) | 13 Oct 2017 06:55:10 | 1" = 50000.0 feet (MAP)



ALASKA MARITIME NATIONAL WILDLIFE REFUGE INCLUDES OFFSHORE PUBLIC LANDS ON ISLANDS, ISLETS, ROCKS, REEFS, AND SPIRES AS SPECIFIED IN THE ALASKA NATIONAL INTEREST LANDS CONSERVATION ACT

Airport ID:	PASD	FM 9	NDB			
Apt Name:	SAND POINT	No	SEGMENT	OBSTRUCTION	ELEV	
City:	SAND POINT	@	MSA	AAO	4028	
State:	AK					
Proc ID:	NDB RWY 32					
Amdt #:	1					
RWY	32					
Scale:	1:600,000					

Airport ID:	PASD	FM 9 NDB			
Apt Name:	SAND POINT	No	SEGMENT	OBSTRUCTION	ELEV
City:	SAND POINT	&	CLIMB-IN-HOLD	AAO	2483
State:	AK				
Proc ID:	NDB RWY 32				
Amdt #:	1				
RWY	32				
Scale:	1:600,000				

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY:

STATE:

AIRPORT NAME:

ID:

PROCEDURE:

AMDT:

DOCKET # :

(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from _____ to 1000' point _____

(Enter THLD, FAF, ARP, FACILITY, as appropriate)

2. Width of _____ segment at 1000' point _____

(Enter appropriate segment , final, intermediate, etc.)

3. True Course of _____ segment containing 1000' point _____

4. High Terrain in _____ segment containing 1000' point _____

5. Distance from _____ to 1500' point _____

(If 1500' point in PT maneuvering area or holding pattern note in remarks)

6. Width of _____ segment at 1500' point _____

7. True Course of _____ segment containing 1500' point _____

8. High Terrain in _____ segment containing 1500' point _____

9. Threshold Coordinates (if straight-in) ... _____ / _____

10. ARP Coordinates _____ / _____

11. Runway Approach End and distance furthest from ARP.....RWY _____

Distance _____ NM

12. FAF Coordinates _____ / _____

(Click to Select)

REMARKS: