Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 12/08/2011	Task #: 2011120829894009001	Request #: 20111208298940
Procedure: RNAV (GPS) RWY 2 AMDT 1A		Airport ID: PAMD	Airport: MIDDLETON ISLAND		Reimbursable #:
City: MIDDLETON ISLAND	ST: AK	GPS #:		Estimated Chart Date: 01/10/2013	FICO #:
Fac ID:	Fac. Type: LP Proc W	Specialist: DANIEL OLSON			

Procedure Review

P1

	Rec'd	Rel'd	Full Name	Comments
Lead:	06/15/2012	09/12/2012	RUSSELL CRONK	
QA:	09/12/2012	09/17/2012	CASIMIR TABAKA	
Liaison:	09/17/2012		Spurlin	REQUEST POSSIBLE TABLE TOP REVIEW

Procedure Comments: ENROUTE **Remark Type:** INFORMATION pkg 1 of 2

MIDDLETON ISLAND, AK MIDDLETON ISLAND (PAMD) RNAV (GPS) RWY 2, AMDT 1A (LP) ENROUTE-YES FC: 11.13.12 PUB: 1.10.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): DEALS-INT, REV 5; MODDS-INT, REV 4; RUROC, REV 2; YULUP, REV 2; (INFO ONLY) VIBBU, REV 2; WOSTO, REV 1; ZEBAD, REV 1.
FLCK NOTE: MAG VAR CHANGE FOR MDO VDME FROM 21 E TO 18 E

CONTACT: ADOLFO URRUTIA/LONNIE EVERHART-AVN-130 LEADS, 405.954.2079/ 405.954.4576.

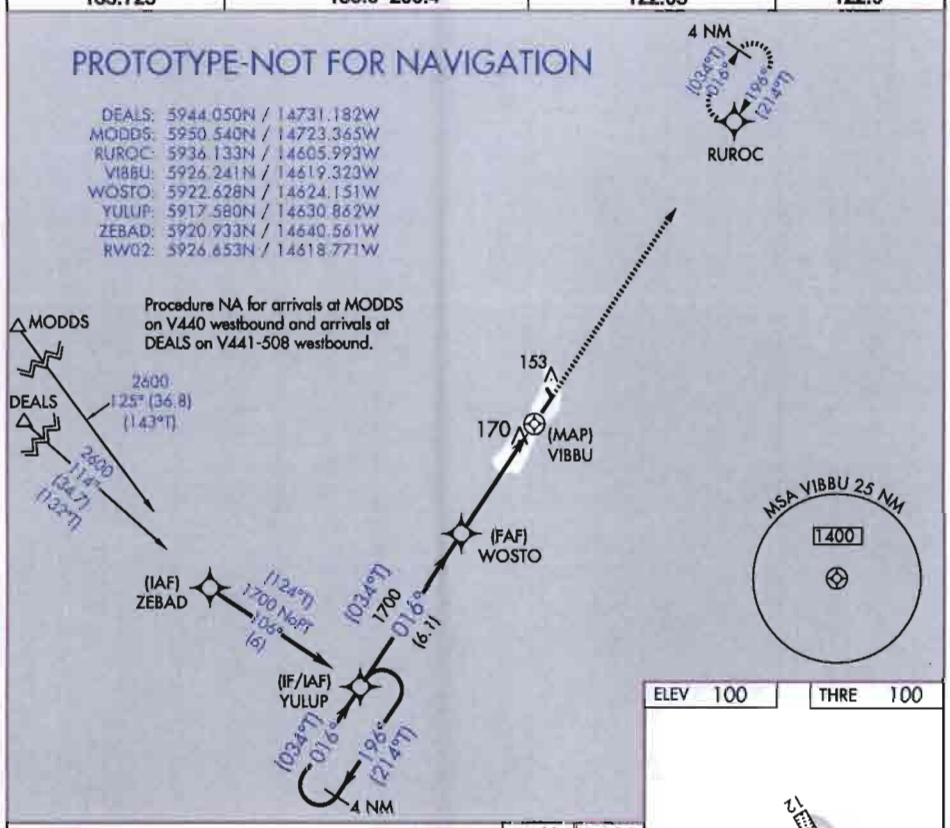
WAAS CH 86427 W02A	APP CRS 016°	Rwy ldg 3158 THRE 100 Apt Elev 100

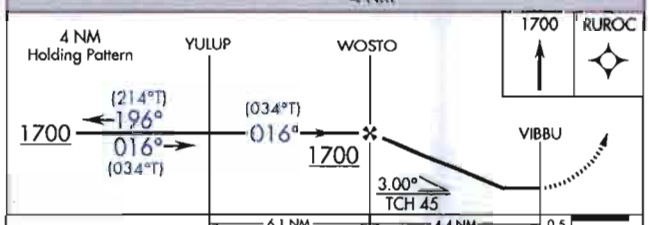
RNAV (GPS) RWY 2
MIDDLETON ISLAND (MDO) (PAMD)

DME/DME RNP-0.3 NA Procedure NA at night. Visibility reduction by helicopters NA.

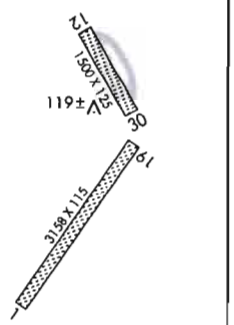
MISSED APPROACH: Climb to 1700 direct RUROC and hold.

AWOS-3	ANCHORAGE CENTER	JUNEAU RADIO	CTAF
135.725	133.6 269.4	122.05	122.9





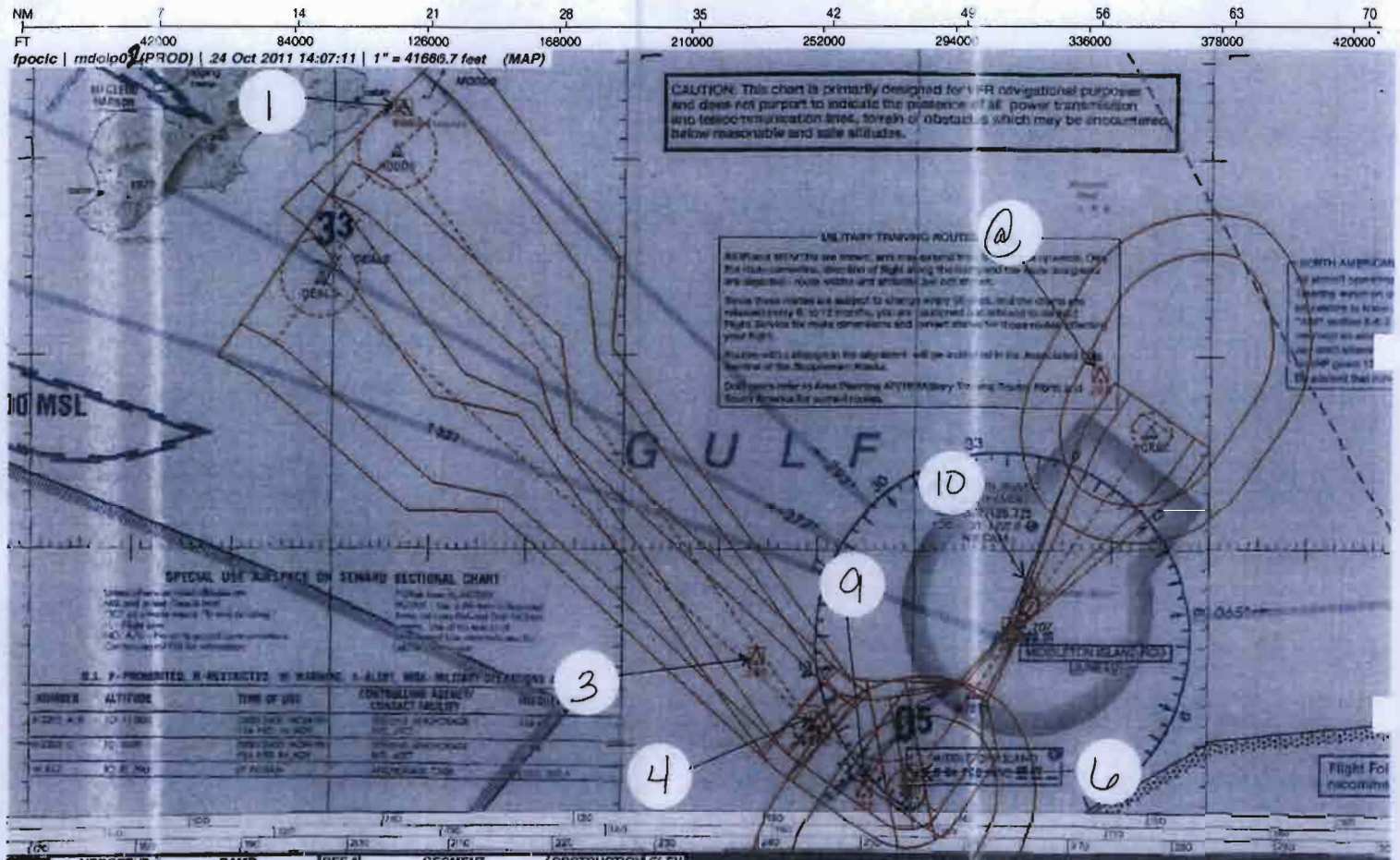
ELEV 100 THRE 100



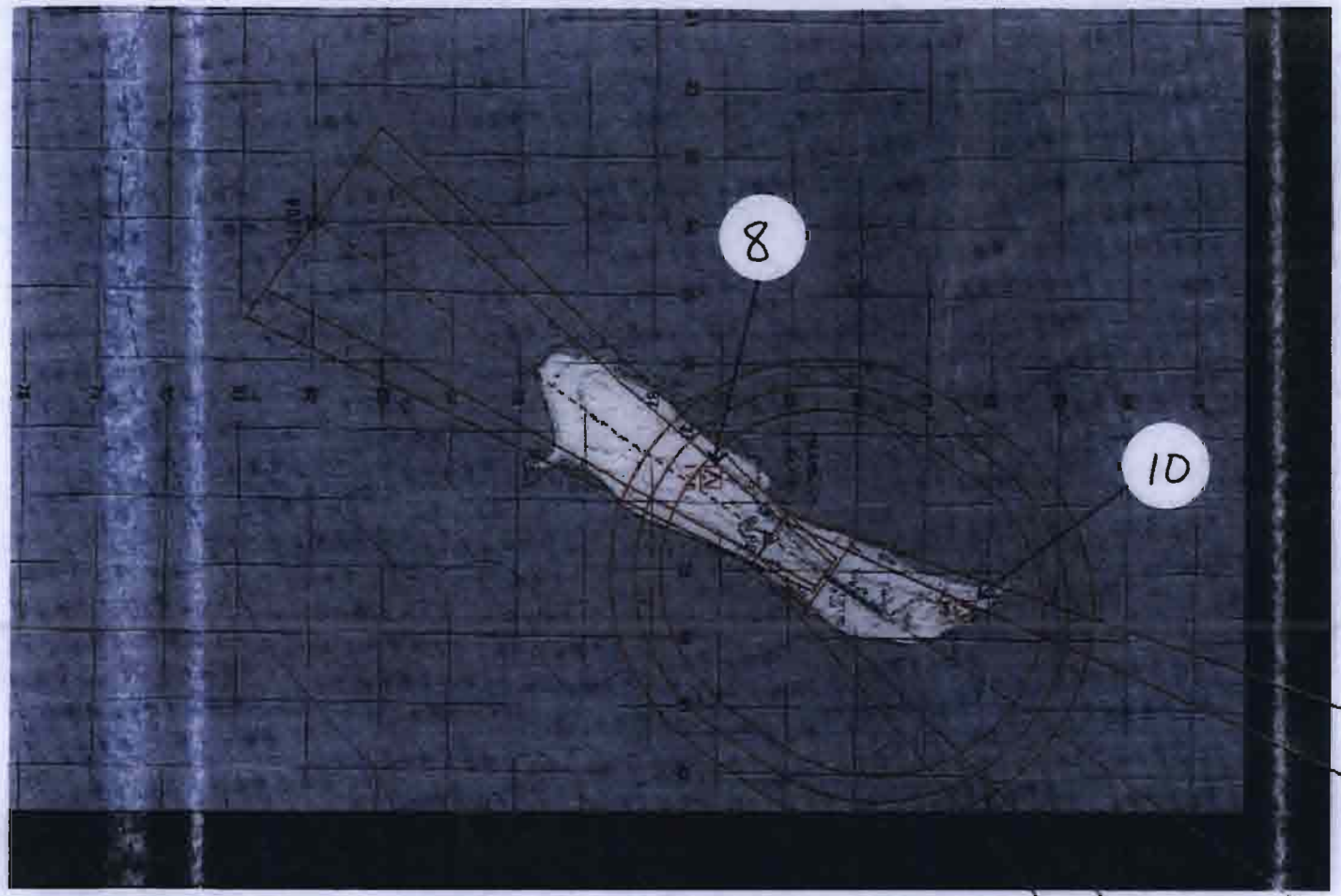
CATEGORY	A	B	C	D
LP MDA	560-1 460 (500-1)		560-1⅜ 460 (500-1⅜)	NA
LNAV MDA	580-1 480 (500-1)		580-1⅜ 480 (500-1⅜)	NA
CIRCLING	600-1 500 (500-1)		600-1½ 500 (500-1½)	NA

AUTOMATED AL-2115 RNAV (GPS) RWY 2

AK
8/29/12
COMPILER: RM
REVIEWER:
DBL CHKR:
EFF DATE FIG



AIRPORT ID:	PAMD	REF #	SEGMENT	OBSTRUCTION	ELEV
AIRPORT NAME:	MIDDLETON ISLAND	1	MODDS FEEDER	AAO	399
CITY:	MIDDLETON ISLAND	3	DEALS FEEDER	SHIP	200
STATE:	AK	4	INITIAL	SHIP	200
PROCEDURE ID:	RNAV (GPS) RWY2	6	INTERMEDIATE	SHIP	200
AMDT #:	1 A	9	HOLD-IN-LIEU	SHIP	200
		10	LEVEL SURFACE	TOWER	153
		@	HOLDING	SHIP	100

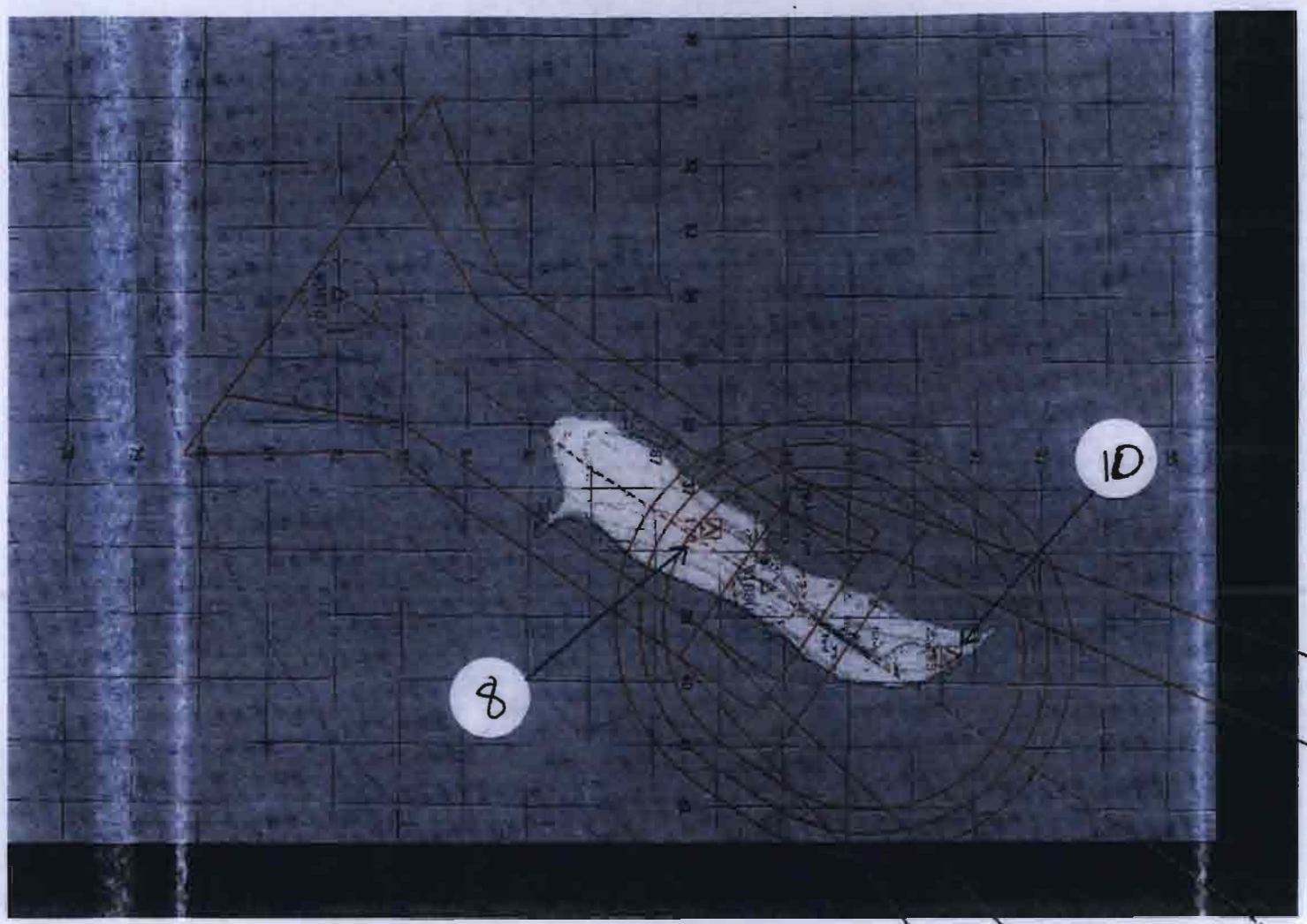


AIRPORT ID:	PAMD	REF #	SEGMENT	OBSTRUCTION	ELEV
AIRPORT NAME:	MIDDLETON ISLAND	8	LP FINAL	TOWER	170
CITY:	MIDDLETON ISLAND	8	CIRCLING	TOWER	170
STATE:	AK	10	LEVEL SURFACE	TOWER	153
PROCEDURE ID:	RNAV (GPS) RWY2				
AMDT #:	1A				

NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

fpoclc | mdoljp02(PROD) | 25 Oct 2011 08:03:55 | 1" = 8333.3 feet (MAP)



AIRPORT ID:	PAMD	REF #	SEGMENT	OBSTRUCTION	ELEV
AIRPORT NAME:	MIDDLETON ISLAND	8	LNAV FINAL	TOWER	170
CITY:	MIDDLETON ISLAND	8	CIRCLING	TOWER	170
STATE:	AK	10	LEVEL SURFACE	TOWER	153
PROCEDURE ID:	RNAV (GPS) RWY2				
AMDT #:	1A				

NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

fpoclc | mdogpst02 (PROD) | 24 Oct 2011 14:08:51 | 1" = 8333.3 feet (MAP)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MODDS	ZEBAD (FB)	125.45 / 36.80	2600
DEALS	ZEBAD (FB)	113.60 / 34.66	2600
ZEBAD (IAF)	YULUP (NOPT) (FB)	106.00 / 6.00	1700
YULUP (IF/IAF)	WOSTO (FB)	016.14 / 6.12	1700
WOSTO (FAF)	VIBBU (MAP) (FO)	016.23 / 4.38	
VIBBU (MAP)	500 MSL	016.23	
500 MSL	RUROC (FO)		1700

MISSED APPROACH

LP: VIBBU
LNAV: VIBBU

CLIMB TO 1700 DIRECT RUROC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 196.49 INBOUND.
CHART FAS OBST: 170 TOWER 592540N/1462017W
WAAS CHANNEL # 86427
REFERENCE PATH ID: W02A
WOSTO TO RW02: 3.00/45.
LTP HAE: 41.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S YULUP, RT, 016.14 INBOUND, 1700 FT. IN LIEU OF PT (IAF)
3. FAC: 016.23 FAF: WOSTO DIST FAF TO MAP: 4.38 THLD: 4.88
4. MIN. ALT: YULUP 1700, WOSTO 1700
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: VIBBU 1400

MAG VAR: 18E EPOCH YEAR: 2015

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
LP MDA	560	1	460	560	1	460	560	1 3/8	460		NA				
LNAV MDA	580	1	480	580	1	480	580	1 3/8	480		NA				
CIRCLING	600	1	500	600	1	500	600	1 1/2	500		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MODDS ON V440 WESTBOUND AND ARRIVALS AT DEALS ON V441-508 WESTBOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 100 THRE: 100 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1
MIDDLETON ISLAND, AK	MIDDLETON ISLAND	RNAV	RNAV (GPS) RWY 2, AMDT 1A	AMDT: 1
				DATED 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZAN, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **LONNIE EVERHART (DANIEL OLSON)**	FIFO **AJV-354**	DATE: **08/27/2012**
APPROVED BY		
NAME: **DEZ SILAGYI** **MANAGER**	FIFO **AJV-354**	DATE:

CHANGES:

1. ADDED 3 DEGREES TO ALL COURSES/BEARINGS.
2. CHANGED ALL REFERENCES TO RWY 1/19 TO RWY 2/20.

PDF EDIT CHANGES

1. TERMINAL ROUTE WOSTO TO VIBBU ADDED (FAF) NEXT TO WOSTO
2. TERMINAL ROUTE 500 MSL TO RUROC CHANGED ALTITUDE FROM 500 TO 1700.
3. TERMINAL ROUTE VIBBU (MAP) TO 500 MSL, REMOVED DUPLICATE VIBBU.
4. LINE 7 REMOVED GS ANGLE AND TCH.
5. FAS DATA CHANGED ICAO CODE FROM * TO PA.
6. ARINC CODING SEGMENTS REMOVED 020 FROM HOLDING, BLOCKS 45, 46 AND 47.
7. FLIGHT INSPECTION SUMMARY REMOVED RNP 2.0 FROM MISSED APPROACH.

REASONS:

1, 2. PAMD MAG VAR CHANGE FROM 21 E TO 18 E.
NO OTHER CHANGES TO PROCEDURE.

QUALITY CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAMD
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	592639.1510N
LTP/FTP LONGITUDE	1461846.2675W
LTP/FTP ELLIPSOIDAL HEIGHT	+00411
FPAP LATITUDE	592752.5500N
FPAP LONGITUDE	1461707.8400W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1784
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	3CE58385

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00305
FPAP ORTHOMETRIC HEIGHT	+00305

QUALITY CHECKED

CITY AND STATE	ELEVATION: 100 THRE: 100	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1
MIDDLETON ISLAND, AK	AIRPORT NAME: MIDDLETON ISLAND	RNAV	RNAV (GPS) RWY 2, AMDT 1A	AMDT: 1
				DATED: 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   DEALS PA0    C   L N59440300W147311089                      E0186     NAR           DEALS
        SCANEAENRT   MODDS PA0    C   L N59503240W147232191                      E0186     NAR           MODDS
        SCANEAENRT   RUROC PA0    W     N59360798W146055958                      E0190     NAR           RUROC
        SCANEAENRT   VIBBU PA0    W     N59261443W146191938                      E0188     NAR           VIBBU
        SCANEAENRT   WOSTO PA0    W     N59223766W146240907                      E0188     NAR           WOSTO
        SCANEAENRT   YULUP PA0    W     N59173481W146305169                      E0188     NAR           YULUP
        SCANEAENRT   ZEBAD PA0    W     N59205598W146403365                      E0187     NAR           ZEBAD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PAMDPAAMDO     0     031YSN59265980W146182607E018000100         1800018000C    MNAR    MIDDLETON ISLAND

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PAMDPAFR02   ADEALS 010DEALSPAEA0E       IF                                          18000                A JS
        SCANP PAMDPAFR02   ADEALS 020ZEBADPAEA0E  A 020TF                     11360347    + 02600                        A JS
        SCANP PAMDPAFR02   ADEALS 030YULUPPAEA0EE B 010TF                     10600060    + 01700                        A JS
        SCANP PAMDPAFR02   AMODDS 010MODDSPAEA0E       IF                                          18000                A JS
        SCANP PAMDPAFR02   AMODDS 020ZEBADPAEA0E  A 020TF                     12550368    + 02600                        A JS
        SCANP PAMDPAFR02   AMODDS 030YULUPPAEA0EE B 010TF                     10600060    + 01700                        A JS
        SCANP PAMDPAFR02   AYULUP 010YULUPPAEA0EE AR   HF                     01610040    + 01700     18000              A JS
        SCANP PAMDPAFR02   R      010YULUPPAEA0E  I    IF                                 + 01700     18000              A JS
        SCANP PAMDPAFR02   R      020WOSTOPAEA1E  F 051TF                     01610061    + 01700                VIBBU PAEAA JS
        SCANP PAMDPAFR02   R      020WOSTOPAEA2WALP        N          ALNAV                                              JS
        SCANP PAMDPAFR02   R      030VIBBUPAEA0EY M 031TF                     01620044      00259            -300         A JS
        SCANP PAMDPAFR02   R      040         0  M     CA                     0162        + 00500                        A JS
        SCANP PAMDPAFR02   R      050RUROCPAEA0EY      DF                                 + 01700                        A JS
        SCANP PAMDPAFR02   R      060RUROCPAEA0EE  R   HM                     19650040    + 01700                        A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PAMDPAGRW02    0031580163 N59263915W146184627+0000    +0041100100000045115R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PAMDPAPR02   RW02 001 0000W02A0N5926391510W14618462675+004110300N5927525500W14617078400106751784000450F4000003CE58385
        SCANP PAMDPAPR02   RW02 002E      +00305+00305LP        86427
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 100 THRE: 100	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1
MIDDLETON ISLAND, AK	AIRPORT NAME: **MIDDLETON ISLAND**	**RNAV**	**RNAV (GPS) RWY 2, AMDT 1A**	AMDT: **1**
				DATED: **02/09/2012**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PAMDPASVIBBUPAEA                0   18018001425                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 100 THRE: 100	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1
MIDDLETON ISLAND, AK	AIRPORT NAME: MIDDLETON ISLAND	RNAV	RNAV (GPS) RWY 2, AMDT 1A	AMDT: 1
				DATED: 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DEALS	DEALS	010		IF		FB					
	DEALS	ZEBAD	020	IAF	TF		FB	2.0	113.6(131.6T)	034.7	AA 02600	
	DEALS	YULUP	030		TF		FB	1.0	106.0(124.0T)	006.0	AA 01700	
	MODDS	MODDS	010		IF		FB					
	MODDS	ZEBAD	020	IAF	TF		FB	2.0	125.5(143.5T)	036.8	AA 02600	
	MODDS	YULUP	030		TF		FB	1.0	106.0(124.0T)	006.0	AA 01700	
	YULUP	YULUP	010	IAF	HF	R	FO		016.1(034.1T)	004.0	AA 01700	
		YULUP	010	FACF	IF		FB				AA 01700	
		WOSTO	020	FAF	TF		FB	0.5	016.1(034.1T)	006.1	AA 01700	
		VIBBU	030	MAP	TF		FO	0.3	016.2(034.2T)	004.4	AT 00259	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		016.2(034.2T)		AA 00500	
	RUROC	050		DF		FO				AA 01700	
	RUROC	060		HM	R	FO		196.5(214.5T)	004.0	AA 01700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DEALS	N594403.00	W1473110.89	N5944.050	W14731.182
	MODDS	N595032.40	W1472321.91	N5950.540	W14723.365
	RUROC	N593607.98	W1460559.58	N5936.133	W14605.993
	VIBBU	N592614.43	W1461919.38	N5926.241	W14619.323
	WOSTO	N592237.66	W1462409.07	N5922.628	W14624.151
	YULUP	N591734.81	W1463051.69	N5917.580	W14630.862
	ZEBAD	N592055.98	W1464033.65	N5920.933	W14640.561
	RW02	N592639.15	W1461846.27	N5926.653	W14618.771

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00100	45

QUALITY CHECKED

CITY AND STATE	ELEVATION: 100 THRE: 100	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1
MIDDLETON ISLAND, AK	AIRPORT NAME: MIDDLETON ISLAND	RNAV	RNAV (GPS) RWY 2, AMDT 1A	AMDT: 1
				DATED: 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	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.
FEEDER	MODDS	ZEBAD	1. AAO	595221.97N/1472240.11W	399 (4D)	2000	AT201	2600
			2. WATER	592403.66N/1464617.21W	0 (0)		AS1500	1500
FEEDER	DEALS	ZEBAD	3. SHIP	592403.66N/1464617.21W	200 (4D)	2000	AT400	2600
			2. WATER	592403.66N/1464617.21W	0 (0)		AS1500	1500
INITIAL	ZEBAD	YULUP	4. SHIP	592045.54N/1463950.87W	200 (4D)	1000	AT500	1700
			5. WATER	592045.54N/1463950.87W	0 (0)		AS1500	1500
INTERMEDIATE	YULUP (IF/IAF)	WOSTO	6. SHIP	591803.43N/1463029.84W	200 (4D)	500	AT1000	1700
			7. WATER	591803.43N/1463029.84W	0 (0)		AS1500	1500
FINAL: LP	WOSTO	VIBBU	8. TOWER (02-000291)	592540.00N/1462017.00W	170 (5E)	250	AC125	560
FINAL: LNAV	WOSTO	VIBBU	8. TOWER (02-000291)	592540.00N/1462017.00W	170 (5E)	250	XP20 AC125	580
2. HOLD-IN-LIEU-OF-PT	YULUP	P-4	6. SHIP	591803.43N/1463029.84W	200 (4D)	1000	AT500	1700
			7. WATER	591803.43N/1463029.84W	0 (0)		AS1500	1500
3. MISSED APPROACH MAP:	VIBBU	RUROC				ASC		1700
			10. TOWER (02-000414)	592741.00N/1461811.00W	153 (5F)	1000	AC250	1500
ELEV:	460/480		10. TERRAIN	592608.52N/1461940.49W	149 (100)		AS1500	1600

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	500	8. TOWER (02-000291)	592540.00N/1462017.00W	170 (5E)	300	AC125	600
CATEGORY B	1.5 NM	450	500	8. TOWER (02-000291)	592540.00N/1462017.00W	170 (5E)	300	AC125	600
CATEGORY C	1.7 NM	450	500	8. TOWER (02-000291)	592540.00N/1462017.00W	170 (5E)	300	AC125	600
CATEGORY D	2.3 NM	550							
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: VIBBU

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	209/ 01.2	349 (4D)	1400					

CITY AND STATE	ELEVATION: 100 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
MIDDLETON ISLAND, AK	MIDDLETON ISLAND	RNAV	RNAV (GPS) RWY 2, AMDT 1A	AAL

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZAN ARTCC JNU FSS		N W S	OTHER: AWOS-3	SOURCE: PAMD
		F A A		DISTANCE:
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION: PAMD			ADJUSTMENT: 0

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: 100.1
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: 1

ORDER 8260.19E, PARAGRAPH 2-74;NOT APPLYING AAO.

PART D - PREPARED BY: LONNIE EVERHART (DANIEL OLSON)	DATE: 08/27/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

VDP NOT ESTABLISHED - OBSTACLES PENETRATE 20:1.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BLOCK 3: ALTIMETER SETTING
SOURCE: PAMD
2. AWOS IS ON SERVICE A.
3. ALTERNATE ALTIMETER SOURCE NOT AVAILABLE.

NO ADDITIONAL AIRSPACE REQUIRED.

20:1 SURFACE NOT VERIFIED AS CLEAR, NO SURVEY INFORMATION OR VGSI.

6. GRAVEL RWY, NO MARKINGS

100 FT SHIPS USED IN FINAL AND MISSED APPROACH AND NO AAO'S USED ON MIDDLETON ISLAND, APPROVED WAIVER ON FILE.

20 FT TREES USED ON MIDDLETON ISLAND PER FPO.

TAA NOT DEVELOPED PER FPO.

MISSED APPROACH POINT ESTABLISHED 0.5 NM PRIOR TO THRESHOLD DUE TO POSSIBILITY OF GRAVEL RWY LENGTH AND DIMENSIONS CHANGING.

XP: RAISED 20 TO ADD LP LINE OF MINIMA

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DEALS **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 594403.00N/1473110.89W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MIDDLETON ISLAND	MDO	VOR/DME	H	280.27	298.27	40.33	40.33		2400	17500
2	JOHNSTONE POINT	JOH	VOR/DME	H	194.00	212.00	52.75	52.75		6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MDO	VOR/DME	R-280	41	2400	17500
JOH	VOR/DME	R-194	53	6000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
MIDDLETON ISLAND (FAC 1) AND JOHNSTONE POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V441	1, 2				(US)
EN ROUTE	V508	1, 2				(US)
IAP	RNAV (GPS) RWY 2			PAMD	MIDDLETON ISLAND	AK (US)
IAP	RNAV (GPS) RWY 20			PAMD	MIDDLETON ISLAND	AK (US)
IAP	VOR RWY 2	1, 2		PAMD	MIDDLETON ISLAND	AK (US)
IAP	VOR/DME RWY 20	1, 2		PAMD	MIDDLETON ISLAND	AK (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
CHANGED FAC 1 MAG BEARING FROM 277.27 TO 280.27 DUE TO MDO MAG VAR CHANGE TO 18E.
CHANGED FAC 1 MRA FROM 6000 TO 2400 TO MATCH ESV.
CHANGED FAC 2 MAG BEARING FROM 185.00 TO 194.00 DUE TO JOH MAG VAR CHANGE TO 18E.
CHANGED MDO ESV FROM RADIAL 277 TO 280 DUE TO MDO MAG VAR CHANGE AND CHANGED MIN ALT FROM 6000 TO 2400.
CHANGED JOH ESV RADIAL FROM 185 TO 194 DUE TO JOH MAG VAR CHANGE.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/13/2012 **OFFICE:** AJV-354 **NAME:** LONNIE EVERHART (DANIEL OLSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MODDS **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 595032.40N/1472321.91W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MIDDLETON ISLAND	MDO	VOR/DME	H	291.07	309.07	40.53	40.53		2500	17500
2	JOHNSTONE POINT	JOH	VOR/DME	H	194.00	212.00		45.13		6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MDO	VOR/DME	R-291	41	2500	17500
JOH	VOR/DME	R-194	46	6000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
MIDDLETON ISLAND (FAC 1) AND JOHNSTONE POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V440	1, 2				(US)
IAP	RNAV (GPS) RWY 2			PAMD	MIDDLETON ISLAND	AK (US)
IAP	RNAV (GPS) RWY 20			PAMD	MIDDLETON ISLAND	AK (US)
IAP	VOR RWY 2	1, 2		PAMD	MIDDLETON ISLAND	AK (US)
IAP	VOR/DME RWY 20	1		PAMD	MIDDLETON ISLAND	AK (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
CHANGED FAC 1 MAG BRG FROM 288.07 TO 291.07 DUE TO MDO MAG VAR CHANGE TO 18 E.
CHANGED FAC 1 MRA FROM 6000 TO 2500 TO SUPPORT PROCEDURE ALTITUDES.
CHANGED FAC 2 MAG BRG FROM 185.00 TO 194.00 DUE TO JOH MAG VAR CHANGE TO 18 E.
REVISED MDO ESV RADIAL FROM R-288 TO R-291 DUE TO MAG VAR CHANGE AND CHANGED MIN ALT FROM 6000 TO 2500.
REVISED JOH ESV RADIAL FROM R-185 TO R-194 DUE TO MAG VAR CHANGE.
UPDATED FIX USE

DEVELOPED BY: **DATE:** 08/13/2012 **OFFICE:** AJV-354 **NAME:** LONNIE EVERHART (DANIEL OLSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZAN
ATC FACILITY: ANC ATC
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RUROC **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 593607.98N/1460559.58W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N		WP	016.49	196.49	R		4	1700	14000	4	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	593839.04N/1461107.74W	200	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 2		1	PAMD	MIDDLETON ISLAND	AK (US)
IAP	RNAV (GPS) RWY 20		1	PAMD	MIDDLETON ISLAND	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
CHANGED PAT 1 CRS/CRS INBOUND FROM 013.49/193.49 TO 016.49/196.49 DUE TO PAMD MAG VAR CHANGE.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/21/2012 **OFFICE:** AJV-354 **NAME:** LONNIE EVERHART (DANIEL OLSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YULUP **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 591734.81N/1463051.69W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S		WP	196.14	016.14	R		4	1700	14000	4	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	591714.12N/1463510.68W	200	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 2		1	PAMD	MIDDLETON ISLAND	AK (US)
IAP	RNAV (GPS) RWY 20		1	PAMD	MIDDLETON ISLAND	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
CHANGED PAT 1 CRS/CRS INBOUND FROM 193.14/013.14 TO 196.14/016.14 DUE TO PAMD MAG VAR CHANGE.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/21/2012 **OFFICE:** AJV-354 **NAME:** LONNIE EVERHART (DANIEL OLSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: VIBBU **STATE:** AK **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 592614.43N/1461919.38W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 2			PAMD	MIDDLETON ISLAND	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
FAC 1 REMOVED.

DEVELOPED BY: **DATE:** 08/16/2011 **OFFICE:** AJV-354 **NAME:** CATHERINE CHILDRESS

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WOSTO **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 592237.66N/1462409.07W **TYPE:** WP

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 2			PAMD	MIDDLETON ISLAND	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
FIX MOVED 415 FT SOUTHWEST, NEW PFAF FORMULA.
REMOVED FAC 1.

DEVELOPED BY: **DATE:** 08/16/2011 **OFFICE:** AJV-354 **NAME:** CATHERINE CHILDRESS

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZEBAD **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 592055.98N/1464033.65W **TYPE:** WP

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 2			PAMD	MIDDLETON ISLAND	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
FIX MOVED 1 NM NORTHWEST.
FAC 1 REMOVED.

DEVELOPED BY: **DATE:** 08/16/2011 **OFFICE:** AJV-354 **NAME:** CATHERINE CHILDRESS

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER:

QUALITY CHECKED