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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CDB VORTAC	EPHEX (FO)	145.79 / 17.68	3800
ELF NDB	EPHEX (FO)	145.31 / 19.47	3800
CHUNA	BUKAY (FB)	103.67 / 33.86	4600
MILAM	AVVUH (FB)	206.95 / 21.66	5600
BUKAY (IAF)	EPHEX (NOPT) (FB)	032.68 / 7.87	3800
AVVUH (IAF)	EPHEX (NOPT) (FB)	246.70 / 10.00	3800
EPHEX (IF/IAF)	ODOWO (FB)	326.47 / 6.27	2300
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

CLIMB TO 3000 DIRECT DEADS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE EPHEX, RT, 326.47 INBOUND, 3800 FT. IN LIEU OF PT (IAF)
3. FAC: 326.42 FAF: ODOWO DIST FAF TO MAP: 6.76 THLD: 6.76
4. MIN. ALT: EPHEX 3800, ODOWO 2300, PABGE/3.00 NM TO RW33 1100*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: ODOWO 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW33 7100

ADDITIONAL FLIGHT DATA:
HOLD NW, LT, 146.23 INBOUND.
CHART FAS OBST: 237 OL TOWER 551129N/1624231W
OBST: 447 AAO 550833N/1624200W
DISTANCE TO THLD FROM 200 HATH: 0.46 NM.
CHART VDP AT 1.10 MILES TO RW33*
*LNAV ONLY.
WAAS CHANNEL # 49106
REFERENCE PATH ID: W33A
CHART APT ELEV: 102
CHART WAAS SYMBOL
LTP HAE: 43.9 M

MAG VAR: 12E 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
LPV DA	294	1/2	200	294	1/2	200	294	1/2	200	294	1/2	200			
LNAV/VNAV DA	408	1/2	314	408	1/2	314	408	1/2	314	408	1/2	314			
LNAV MDA	500	1/2	406	500	1/2	406	500	3/4	406	500	3/4	406			
CIRCLING	540	1	438	560	1	458	560	1 1/2	458	660	2	558			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: CIRCLING NA FOR CAT A AND B SW OF RWY 15-33 AT NIGHT
CHART NOTE: CIRCLING NA FOR CAT C AND D SW OF RWY 15-33

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 102 THRE: 94	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
COLD BAY, AK	AIRPORT NAME: COLD BAY	RNAV	RNAV (GPS) RWY 33, AMDT 2,	SUP: RNAV (GPS) RWY 32 AMDT: 1 DATED 07/31/2008

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] ZAN, CDB FSS, WST FPT, AMGR, AK AERO

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: ADOLFO URRUTIA (BRIAN BERUBEE)	FIFO AJV-354	DATE: 05/14/2012

APPROVED BY		
NAME: DEZ SILAGYI MANAGER	FIFO AJV-354	DATE:

CHANGES:

1. CHANGED MAGVAR FROM 14E TO 12E
2. CHANGED FINAL COURSE FROM 324.42 TO 326.42
3. CHANGED FAF TO MAP DIST FROM 6.68 TO 6.76
4. CHANGED TCH FROM 45 TO 55
5. RAISED SDF ALTITUDE FROM 1080 TO 1100
6. CHANGED HIL INBOUND COURSE FROM 324.47 TO 326.47
7. LOWERED LPV DA/VIS FROM 339/1 TO 294/ 1/2
8. LOWERED VNAV DA/VIS FROM 497/1 TO 408/ 1/2
9. LOWERED LNAV VIS FROM 1 TO 1/2
10. CHANGED DIST PFAF TO SDF FROM 3.68 TO 3.76
11. CHANGED INTERMEDIATE COURSE/DIST FROM 324.47/6.32 TO 326.47/6.27
12. DELETED WP AFNER AND REPLACED WITH WP AVVUH
13. CHANGED AVVUH INITIAL COURSE ALT FROM 234.63 TO 246.70
14. CHANGED BUKAY INITIAL COURSE FROM 030.68 TO 032.68

SEE 8260-10

REASONS:

1/15. FPT REQUEST
2/6/14.26. MAGVAR
3/10. PFAF LOCATION
4. OPTIMUM
5. DESCENT ANGLE
7/8/9/18. OBSTACLE STUDY
11. MAGVAR/PFAF
12. FIX MOVEMENT CRITERIA
13. MINIMUM SEGMENT LENGTH CRITERIA
16. TERRAIN AVOIDANCE/FPT REQUEST
17. MAGVAR/OBSTACLE STUDY
19/23. 20:1 VUSUAL SUFACE PENETRATIONS REMOVED
20. USING THRE IN LIEU OF TDZE
21. CRITERIA

SEE 8260-10

QUALITY

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ODOWO (FAF)	PABGE/3.00 NM TO RW33 (FB)	326.42 / 3.76	
PABGE/3.00 NM TO RW33	RW33 (MAP) (FO)	326.39 / 3.00	
RW33 (MAP)	294 MSL	326.39	
294 MSL	DEADS (FO)		3000

26. CHANGED ALL REFERENCE TO RWY 14/32 TO RWY 15/33

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:

CHANGES CONT.
15. REMOVED WP URIME FROM PROCEDURE AND REPLACED WITH WP MILAM
16. CHANGED MILAM FEEDER COURSE/DIST/ALT FROM 187.87/16.21/7200 TO 206.95/21.66/5600
17. CHANGED CHUNA FEEDER COURSE/ALT FROM 101.67/7200 TO 103.67/4600
18. LOWERED CDB AND ELF FEEDER ALT FROM 7200 TO 3800
19. CHART VDP AT 1.10 MILES
20. CHANGED TDZE TO THRE
21. UPDATED BARO-VNAV NOTE
22. REMOVED INOP EQUIPMENT NOTE
23. DELETED CIRCLING RESTRICTION TO RWY 26-32
24. REMOVED "VISIBILITY REDUCTION BY HELICOPTERS NA" NOTE
25. CHANGED APT ELEV FROM 96 TO 102

REASONS:

REASONS CONT.
22. NO LONGER APPLICABLE
24. 34:1 VISUAL SURFACE PENETRATIONS REMOVED
25. AVNIS

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PACD
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	551147.2400N
LTP/FTP LONGITUDE	1624311.7000W
LTP/FTP ELLIPSOIDAL HEIGHT	+00439
FPAP LATITUDE	551320.5000N
FPAP LONGITUDE	1624416.4300W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	042CC22A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00286
FPAP ORTHOMETRIC HEIGHT	+00286

QUALITY CHECKED

CITY AND STATE	ELEVATION: 102 THRE: 94	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
COLD BAY, AK	AIRPORT NAME: COLD BAY	RNAV	RNAV (GPS) RWY 33, AMDT 2,	AMDT: 1
				DATED: 07/31/2008

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
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCAND        CDB   PA011260VTHW N55160256W162462726    N55160256W162462726E0140000972     NARCOLD BAY
        SCANDB       ELF   PA003410H  W N55174586W162472067                        E0140           NARELFEE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   AVVUH PA0    W     N55014010W162174960                        E0123     NAR           AVVUH
        SCANEAENRT   BUKAY PA0    W     N54540678W162442760                        E0121     NAR           BUKAY
        SCANEAENRT   CHUNA PA0    R   L N55085689W163371966                        E0118     NAR           CHUNA
        SCANEAENRT   DEADS PA0    C     N55252240W162524045                        E0121     NAR           DEADS
        SCANEAENRT   EPHEX PA0    W     N54594158W162345113                        E0122     NAR           EPHEX
        SCANEAENRT   MILAM PA0    R   L N55183134W161540992                        E0125     NAR           MILAM
        SCANEAENRT   ODOWO PA0    C     N55053110W162385156                        E0122     NAR           ODOWO
        SCANEAENRT   PABGE PA0    C     N55090022W162411601                        E0122     NAR           PABGE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PACDPAACDB     0     104YHN55121854W162432808E012000102         1800018000C    MNAR    COLD BAY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PACDPAFR33   ACDB   010CDB  PAD 0V       IF                                                18000                A JS
        SCANP PACDPAFR33   ACDB   020EPHEXPAEA0EY   020TF                    14580177    + 03800                              A JS
        SCANP PACDPAFR33   ACDB   030EPHEXPAEA0EE AR   HF                    32650040    + 03800                              A JS
        SCANP PACDPAFR33   ACHUNA 010CHUNAPAEA0E       IF                                                18000                A JS
        SCANP PACDPAFR33   ACHUNA 020BUKAYPAEA0E  A 020TF                    10370339    + 04600                              A JS
        SCANP PACDPAFR33   ACHUNA 030EPHEXPAEA0EE B 010TF                    03270079    + 03800                              A JS
        SCANP PACDPAFR33   AELF   010ELF  PADB0N       IF                                                18000                A JS
        SCANP PACDPAFR33   AELF   020EPHEXPAEA0EY   020TF                    14530195    + 03800                              A JS
        SCANP PACDPAFR33   AELF   030EPHEXPAEA0EE AR   HF                    32650040    + 03800                              A JS
        SCANP PACDPAFR33   AMILAM 010MILAMPAEA0E       IF                                                18000                A JS
        SCANP PACDPAFR33   AMILAM 020AVVUHPAEA0E  A 020TF                    20700217    + 05600                              A JS
        SCANP PACDPAFR33   AMILAM 030EPHEXPAEA0EE B 010TF                    24670100    + 03800                              A JS
        SCANP PACDPAFR33   R      010EPHEXPAEA0E  I    IF                                + 03800     18000                    A JS
        SCANP PACDPAFR33   R      020ODOWOPAEA1E  F 051TF                    32650063    + 02300                  RW33  PAPGA JS
        SCANP PACDPAFR33   R      020ODOWOPAEA2WALPV       ALNAV/VNAV ALNAV                                                     JS
        SCANP PACDPAFR33   R      021PABGEPAEA0E S  031TF                    32640038    V 0110001104        -300          A JS
        SCANP PACDPAFR33   R      030RW33 PAPG0GY M 031TF                    32640030      00149             -300          A JS
        SCANP PACDPAFR33   R      040         0  M     CA                    3264        + 00294                              A JS
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QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 102 THRE: 94	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
COLD BAY, AK	AIRPORT NAME: COLD BAY	RNAV	RNAV (GPS) RWY 33, AMDT 2	AMDT: 1
				DATED: 07/31/2008

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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        SCANP PACDPAFR33   R      050DEADSPAEA0EY      DF                                  + 03000                          A JS
        SCANP PACDPAFR33   R      060DEADSPAEA0EE  L   HM                      14620070    + 03000                          A JS

                  1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PACDPAGRW33    0101803264 N55114724W162431170-0200    +0043900094000055150R

                  1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PACDPAPR33   RW33 001 0000W33A0N5511472400W16243117000+004390300N5513205000W16244164300106750000000550F400350042CC22A
        SCANP PACDPAPR33   RW33 002E      +00286+00286LPV       49106

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PACDPASRW33 PAPG                0   18018007125                                                                          M
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CITY AND STATE	ELEVATION: 102 THRE: 94	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
COLD BAY, AK	AIRPORT NAME: COLD BAY	RNAV	RNAV (GPS) RWY 33, AMDT 2	AMDT: 1
				DATED: 07/31/2008

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
	CDB	CDB	010		IF		FB					
	CDB	EPHEX	020		TF		FO	2.0	145.8(157.8T)	017.7	AA 03800	
	CDB	EPHEX	030	IAF	HF	R	FO		326.5(338.5T)	004.0	AA 03800	
	CHUNA	CHUNA	010		IF		FB					
	CHUNA	BUKAY	020	IAF	TF		FB	2.0	103.7(115.7T)	033.9	AA 04600	
	CHUNA	EPHEX	030		TF		FB	1.0	032.7(044.7T)	007.9	AA 03800	
	ELF	ELF	010		IF		FB					
	ELF	EPHEX	020		TF		FO	2.0	145.3(157.3T)	019.5	AA 03800	
	ELF	EPHEX	030	IAF	HF	R	FO		326.5(338.5T)	004.0	AA 03800	
	MILAM	MILAM	010		IF		FB					
	MILAM	AVVUH	020	IAF	TF		FB	2.0	207.0(219.0T)	021.7	AA 05600	
	MILAM	EPHEX	030		TF		FB	1.0	246.7(258.7T)	010.0	AA 03800	
		EPHEX	010	FACF	IF		FB				AA 03800	
		ODOWO	020	FAF	TF		FB	0.5	326.5(338.5T)	006.3	AA 02300	
		PABGE	021	SDF	TF		FB	0.3	326.4(338.4T)	003.8	AA 01100 GS 01104	
		RW33	030	MAP	TF		FO	0.3	326.4(338.4T)	003.0	AT 00149	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		326.4(338.4T)		AA 00294	
	DEADS	050		DF		FO				AA 03000	
	DEADS	060		HM	L	FO		146.2(158.2T)	007.0	AA 03000	

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
CDB	N551602.56	W1624627.26	N5516.043	W16246.454
ELF	N551745.86	W1624720.67	N5517.764	W16247.345
AVVUH	N550140.10	W1621749.60	N5501.668	W16217.827
BUKAY	N545406.78	W1624427.60	N5454.113	W16244.460
CHUNA	N550856.89	W1633719.66	N5508.948	W16337.328
DEADS	N552522.40	W1625240.45	N5525.373	W16252.674
EPHEX	N545941.58	W1623451.13	N5459.693	W16234.852
MILAM	N551831.34	W1615409.92	N5518.522	W16154.165
ODOWO	N550531.10	W1623851.56	N5505.518	W16238.859
PABGE	N550900.22	W1624116.01	N5509.004	W16241.267
RW33	N551147.24	W1624311.70	N5511.787	W16243.195

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW33	00094	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: 102 THRE: 94	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
COLD BAY, AK	AIRPORT NAME: COLD BAY	RNAV	RNAV (GPS) RWY 33, AMDT 2	AMDT: 1
				DATED: 07/31/2008

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	CDB VORTAC	EPHEX	1. AAO	550451.00N/1624212.00W	1319 (4E)	2000	AT481	3800
			2. TERRAIN	550451.00N/1624212.00W	1119 (1100)		AS2300	3400
FEEDER	ELF NDB	EPHEX	3. AAO	550457.00N/1624212.00W	1237 (4E)	2000	AT563	3800
			4. TERRAIN	550457.00N/1624212.00W	1037 (1000)		AS2300	3300
FEEDER	CHUNA	BUKAY	5. AAO	545839.00N/1625248.00W	2454 (4E)	2000		4500
			6. TERRAIN	545839.00N/1625248.00W	2254 (2300)		AS2300	4600
FEEDER	MILAM	AVVUH	7. AAO	552000.00N/1615630.00W	3157 (4E)	2000	AT443	5600
			8. TERRAIN	551939.00N/1615648.00W	2605 (2600)		AS2300	4900
INITIAL	BUKAY	EPHEX	9. AAO	545818.00N/1624342.00W	1414 (4E)	1000	AT1386	3800
			10. TERRAIN	545818.00N/1624342.00W	1214 (1200)		AS2300	3500
INITIAL	AVVUH	EPHEX	11. AAO	550142.00N/1621554.00W	1867 (4E)	1000		2900
			12. TERRAIN	550327.00N/1622030.00W	1546 (1500)		AS2300	3800
INTERMEDIATE	EPHEX (IF/IAF)	ODOWO	13. AAO	550251.00N/1624218.00W	1457 (4E)	500	AC98 AT245	2300
			14. TERRAIN	545908.90N/1623556.40W	370 (400)		AS1500	1900
2. HOLD-IN-LIEU-OF-PT	EPHEX	P-5	19. AAO	545406.10N/1622254.80W	1625 (6A)	1000	AT1175	3800
			20. TERRAIN	545406.10N/1622254.80W	1425 (1400)		AS2300	3700
3. MISSED APPROACH — MAP:	DA / DA / RW33	DEADS				ASC		3000
			21. AAO	551703.00N/1624348.00W	358 (4E)	1000		1400
ELEV:	126/247/400		22. TERRAIN	551509.00N/1624412.00W	201 (200)		AS1000	1200

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	ACTUAL		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	438		17. OL TOWER	551129.00N/1624230.68W	237 (1B)	300		540
CATEGORY B	1.5 NM	450	458		17. OL TOWER	551129.00N/1624230.68W	237 (1B)	300	HAA	560
CATEGORY C	1.7 NM	450	458		17. OL TOWER	551129.00N/1624230.68W	237 (1B)	300	HAA	560
CATEGORY D	2.3 NM	550	558		17. OL TOWER	551129.00N/1624230.68W	237 (1B)	300	HAA	660
CATEGORY E	4.5 NM	550								

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW33

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	193/ 07.8	6003 (6A)	7100					

CITY AND STATE	ELEVATION: 102 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO.	REGION
COLD BAY, AK	COLD BAY	RNAV	RNAV (GPS) RWY 33, AMDT 2,	AAL

PART B - SUPPLEMENTAL DATA

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

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 33 (PCL), 15 (PCL)
	X	HIRL 33 (PCL), 15 (PCL), 08 (PCL), 26 (PCL)
		MIRL
	X	REIL 33
		TDZ
		C/LINE
	X	OTHER (SPECIFY) VASI-2L 08 (PCL) VASI-4L 26 (PCL)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 33, 15
	INSTRUMENT	NPI-G 08, 26
7. RUNWAY VISUAL RANGE	APPROACH	15
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 93.7
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 55.0

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

10. WAIVERS: NONE

PART D - PREPARED BY: ADOLFO URRUTIA (BRIAN BERUBEE)	DATE: 05/14/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 447 AAO 550833N/1624200W

NO ADDITIONAL AIRSPACE REQUIRED.

15' VEGETATION APPLIED PER FPT

PACD ASOS ON SVC A
BACK UP ALTIMETER NOT AVAILABLE

LPV SLOPE: 34:1
VNAV SLOPE: 22.98:1

AVERAGE COLD TEMPERATURE (-18) BASED ON 5-YEAR HISTORY (2006-2010)

OBSTA #13 LOCATED IN THE INTERMEDIATE SECONDARY AREA, FULL ROC APPLIED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE	EPHEX (IF/IAF)	ODOWO	15. AAO	550006.00N/1624048.00W	693	500	AC98 AT1009	2300
			16. TERRAIN	550433.00N/1624036.00W	251 (300)		AS1500	1800
FINAL: LPV	ODOWO	RW33				ASC		294/200
FINAL: LNAV/VNAV	ODOWO	RW33	17. OL TOWER	551129.00N/1624230.68W	237 (1B)	22.98:1	AC10	408/314
			(PCDB0025)					
FINAL: LNAV	ODOWO	PABGE/3.00 NM TO	18. AAO	550748.00N/1624130.00W	552 (4E)	250	AC98 DG200	1100
		RW33						
FINAL: LNAV STEPDOWN	PABGE/3.00 NM TO	RW33	17. OL TOWER	551129.00N/1624230.68W	237 (1B)	250		500
	RW33		(PCDB0025)					

3. MISSED APPROACH									
	MAP:								
	ELEV:								

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL						
CATEGORY A	1.3 NM	350							
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

CITY AND STATE	ELEVATION: 102 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
COLD BAY, AK	COLD BAY	RNAV	RNAV (GPS) RWY 33, AMDT 2,	AAL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
				DISTANCE:
		F A A		HOURS REMOTE OPERATION:
		A / C		
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:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: AFNER **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 550320.83N/1621841.31W **TYPE:** WP

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

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	EPHEX					068.41	10.00				17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	COLD BAY - RNAV (GPS) RWY 32			PACD	COLD BAY	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

CANCELLED

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED FAC 1 BEARING FROM 068.37 TO 068.41
INCREASED AIR GROUND COMM ALT FROM 7000 TO 7200

DEVELOPED BY: **DATE:** 05/01/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (BRIAN BERUBEE)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: AVVUH **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 550140.10N/1621749.60W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 33			PACD	COLD BAY	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 04/30/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (BRIAN BERUBEE)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BUKAY **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 545406.78N/1624427.60W **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 33			PACD	COLD BAY	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
DELETED FAC 1 AND ASSOCIATED DATA
UPDATED FIX USE

DEVELOPED BY: **DATE:** 05/01/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (BRIAN BERUBEE)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CHUNA **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 550856.89N/1633719.66W **TYPE:** 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	ELFEE	ELF	NDB	H	239.19	253.19		29.96		5300	17500
2	COLD BAY	CDB	VORTAC	H			30.00	30.00		5300	17500

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

REMARKS:
ELFEE (FAC 1) AND COLD BAY (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	G1-8	1, 2				AK (US)
IAP	RNAV (GPS) RWY 15			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 33			PACD	COLD BAY	AK (US)
IAP	VOR RWY 15	1, 2		PACD	COLD BAY	AK (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
ADDED DIST FROM FAC 1 & 2
RAISED FAC 1 & 2 MRA FROM 3000 TO 5300
UPDATED FIX USE

DEVELOPED BY: **DATE:** 04/27/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (BRIAN BERUBEE)

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: COLD BAY VORTAC **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 551602.56N/1624627.26W **TYPE:**

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	COLD BAY	CDB	VORTAC	H							45000

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	NW	CDB	VORTAC	325.24	145.24	L	1-1 1/2		2700	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	551839.00N/1624018.00W	374	4E
1	310	AAO	550724.00N/1624818.00W	2267	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST WILDLIFE AREA

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED ON AIRWAY RADIALS AT OR ABOVE FL180.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	PACD	COLD BAY	AK (US)
1	LOC/DME BC RWY 33	PACD	COLD BAY	AK (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.
C-I-H CONTROLLING OBSTACLE LOCATED 1.47NM INTO SECONDARY AREA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		1	PACD	COLD BAY	AK (US)
DP	COLD BAY (RNAV)			PAVC	KING COVE	AK (US)
EN ROUTE	A342					AK (US)
EN ROUTE	J115					AK (US)
EN ROUTE	J623					AK (US)
EN ROUTE	Q59					AK (US)
EN ROUTE	T271					AK (US)
EN ROUTE	V456					AK (US)
IAP	HI-ILS OR LOC/DME RWY 15			PACD	COLD BAY	AK (US)
IAP	HI-VOR/DME OR TACAN RWY 15			PACD	COLD BAY	AK (US)
IAP	ILS OR LOC/DME RWY 15			PACD	COLD BAY	AK (US)
IAP	LOC/DME BC RWY 33		1	PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 15			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 26			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 33			PACD	COLD BAY	AK (US)
IAP	VOR RWY 15		1	PACD	COLD BAY	AK (US)
IAP	VOR/DME OR TACAN-A			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS)-A			PAVC	KING COVE	AK (US)

REQUIRED CHARTING: DP, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: BOTH

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED PAT 1 CONTROLLING OBSTRUCTION
UPDATED FIX USE
REMOVED HOLDING PAT 2
UPDATED C-I-H CONTROLLING OBSTRUCTION

DEVELOPED BY: **DATE:** 04/19/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (NICHOLAS JACKSON)

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

QUALITY CHECKED

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER: CDB FSS

RADIO FIX AND HOLDING DATA RECORD

NAME: DEADS **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 552522.40N/1625240.45W **TYPE:** WP, 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	COLD BAY	I-CDB	LOC		326.35	338.35		14.76		2700	4500
2	COLD BAY	CDB	VORTAC	H	325.24	339.24	10.00	10.00		2700	17500

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	NW	I-CDB	LOC	326.35	146.35	L	1		2700	10000	8	11
2	NW	CDB	VORTAC	325.24	145.24	L	1		2700	10000	8	11
3	NW		WP	326.23	146.23	L		7	2700	10000	9	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	552239.00N/1624824.00W	240	4E
2	265	AAO	552239.00N/1624824.00W	240	4E
3	265	AAO	552239.00N/1624824.00W	240	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST
PAT 2 ATC REQUEST
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:
COLD BAY (FAC 1) AND COLD BAY (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-ILS OR LOC/DME RWY 15	1, 2	1	PACD	COLD BAY	AK (US)
IAP	HI-VOR/DME OR TACAN RWY 15	2	2	PACD	COLD BAY	AK (US)
IAP	ILS OR LOC/DME RWY 15	1, 2	1	PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 15		3	PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 33		3	PACD	COLD BAY	AK (US)
IAP	VOR RWY 15	2		PACD	COLD BAY	AK (US)
IAP	VOR/DME OR TACAN-A	2	2	PACD	COLD BAY	AK (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
DELETED FAC 3 AND ASSOCIATED DATA
ADDED DIST FROM FAC 1 & 2
CHANGED HOLDING PATTERN 3 INBOUND COURSE FROM 144.23 TO 146.23
CHANGED PAT 2 & 3 DME HOLDING FROM 4/4 TO 6/7
UPDATED FIX USE

DEVELOPED BY: **DATE:** 04/26/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (BRIAN BERUBEE)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ELFEE NDB **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 551745.86N/1624720.67W **TYPE:**

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

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	ELFEE	ELF	NDB	H							45000

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

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	NW	ELF	NDB	324.35	144.35	L	1-1 1/2		2200	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	551839.00N/1624018.00W	374	4E
1	310	TREE	551132.61N/1624720.18W	950	2C

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST WILDLIFE AREA

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	PACD	COLD BAY	AK (US)
1	LOC/DME BC RWY 33	PACD	COLD BAY	AK (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		1	PACD	COLD BAY	AK (US)
EN ROUTE	G1					(US)
EN ROUTE	G10					(US)
EN ROUTE	G8					(US)
EN ROUTE	J603					(US)
EN ROUTE	J618					(US)
EN ROUTE	R2					(US)
EN ROUTE	T227					(US)
EN ROUTE	V603					(US)
IAP	HI-ILS OR LOC/DME RWY 15			PACD	COLD BAY	AK (US)
IAP	HI-VOR/DME OR TACAN RWY 15			PACD	COLD BAY	AK (US)
IAP	ILS OR LOC/DME RWY 15		1	PACD	COLD BAY	AK (US)
IAP	LOC/DME BC RWY 33		1	PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 15			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 26			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 33			PACD	COLD BAY	AK (US)
IAP	VOR RWY 15			PACD	COLD BAY	AK (US)
IAP	VOR/DME OR TACAN - A			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) - A			PAKVC	KING COVE	AK (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: BOTH

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED FIX USE
ADDED PRECIPITOUS TERRAIN REMARK
MOVED HOLDING LIMITED REMARK TO RESTRICTIONS
DELETED ILS OR LOC/DME RWY 15 AT PACD FOR PROCEDURES REQUIRING CLIMB-IN-HOLD
ADDED DP TO REQUIRED CHARTING

DEVELOPED BY: **DATE:** 04/18/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (NICHOLAS JACKSON)

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

QUALITY CHECKED

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER: CDB FSS

RADIO FIX AND HOLDING DATA RECORD

NAME: EPHEX **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 545941.58N/1623451.13W **TYPE:** WP

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

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	SE		WP	146.47	326.47	R		4	3800	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	545406.10N/1622254.80W	1625	4A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 33		1	PACD	COLD BAY	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
DELETED FAC 1 AND ASSOCIATED DATA
CHANGED HOLDING PATTERN INBOUND COURSE FROM 324.47 TO 326.47
LOWERED PAT 1 MAX ALT/MAX TEMPLATE FROM 8000/9 TO 6000/6
UPDATED FIX USE

DEVELOPED BY: **DATE:** 05/01/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (BRIAN BERUBEE)

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

SIGNATURE:

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

QUALITY CHECKED 9

RADIO FIX AND HOLDING DATA RECORD

NAME: MILAM **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 551831.34N/1615409.92W **TYPE:** 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	ELFEE	ELF	NDB	H	074.20	088.20		30.40		10000	17500
2	COLD BAY	CDB	VORTAC	H			30.00	30.00		10000	17500

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

REMARKS:
ELFEE (FAC 1) AND COLD BAY (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	G12	1, 2				AK (US)
IAP	RNAV (GPS) RWY 33			PACD	COLD BAY	AK (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
ADDED DIST FROM FAC 1 & 2
UPDATED CHART REQUIREMENTS
UPDATED FIX USE

DEVELOPED BY: **DATE:** 05/01/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (BRIAN BERUBEE)

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

SIGNATURE:

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

QUALITY 9 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ODOWO **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 550531.10N/1623851.56W **TYPE:** WP, 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	COLD BAY	I-CDB	LOC		146.36	158.36		6.64	40369	2300	4500
2	COLD BAY	CDB	VORTAC	H			11.41	11.41		2300	4500

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

REMARKS:
COLD BAY (FAC 1) AND COLD BAY (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC/DME BC RWY 33	1, 2		PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 33			PACD	COLD BAY	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
REPOSITIONED FIX 254 FT SOUTHEAST
DELETED FAC 3 AND ASSOCIATED DATA
CHANGED FAC 1 MAG BRG FROM 144.36 TO 146.36
CHANGED FAC 2 DIST FROM 11.37 TO 11.41
ADDED DIST FROM FAC 1
LOWERED FAC 1 & 2 MAA FROM 4600 TO 4500
UPDATED FIX USE

DEVELOPED BY: **DATE:** 05/01/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (BRIAN BERUBEE)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PABGE **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 550900.22N/1624116.01W **TYPE:** WP, 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	COLD BAY	I-CDB	LOC		146.36	158.36		2.89		1000	4500
2	COLD BAY	CDB	VORTAC	H	143.11	157.11	7.65	7.65		1000	4500

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

REMARKS:
COLD BAY (FAC 2) AND COLD BAY (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC/DME BC RWY 33	1, 2		PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 15			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 33			PACD	COLD BAY	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
REPOSITIONED FIX 227 FT NORTHWEST
LOWERED MRA FROM 1020 TO 1000
CHANGED FAC 1 & 2 MAA FROM 4600/4600 TO 4500/4500
DELETED FAC 3 AND ASSOCIATED DATA
ADDED DIST FROM FAC 1 & 2
CHANGED FAC 2 BRG FROM 143.51 TO 143.11
CHANGED FAC 2 DME DIST FROM 7.69 TO 7.65
UPDATED FIX USE

DEVELOPED BY: **DATE:** 04/27/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (BRIAN BERUBEE)

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

SIGNATURE:

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

QUALITY CHECKED