Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 07/25/2011	Task #: 2011021030353603003	Request #: 20110210303536
Procedure: RNAV (GPS) Y RWY 20R AMDT 1		Airport ID: PAFA	Airport: FAIRBANKS INTL		Reimbursable #:
City: FAIRBANKS	ST: AK	GPS #:		Estimated Chart Date: 09/20/2012	FICO #:
Fac ID:	Fac. Type: LPV	Specialist: ANDREW FIELDS			

LPV

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	12/30/2011	05/23/2012	STEVEN SZUKALA	
QA:	05/23/2012	05/23/2012	STEVEN SZUKALA	
Liaison:	05/23/2012		Alfonso	

P1

Procedure Comments: **Remark Type:** INFORMATION

plc 9/1 of 4

FAIRBANKS, AK FAIRBANKS INTL (PAFA) RNAV (GPS) Y RWY 20R, AMDT 1 (LPV) ENROUTE-YES FC: 7.24.12 PUB: 9.20.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): CIGNI-INT, REV 2; HOVMO, REV 2; JOTUG, REV 1; KUPGE, ORIG; MEKAE, ORIG; ROPEE, REV 2; ZUREP-INT, ORIG.

CONTACT: ADOLFO URRUTIA, AJV-354 LEAD, 405.954.2079:

RNAV (GPS) Y RWY 20R

FAIRBANKS INTL (FAI) (PAFA)

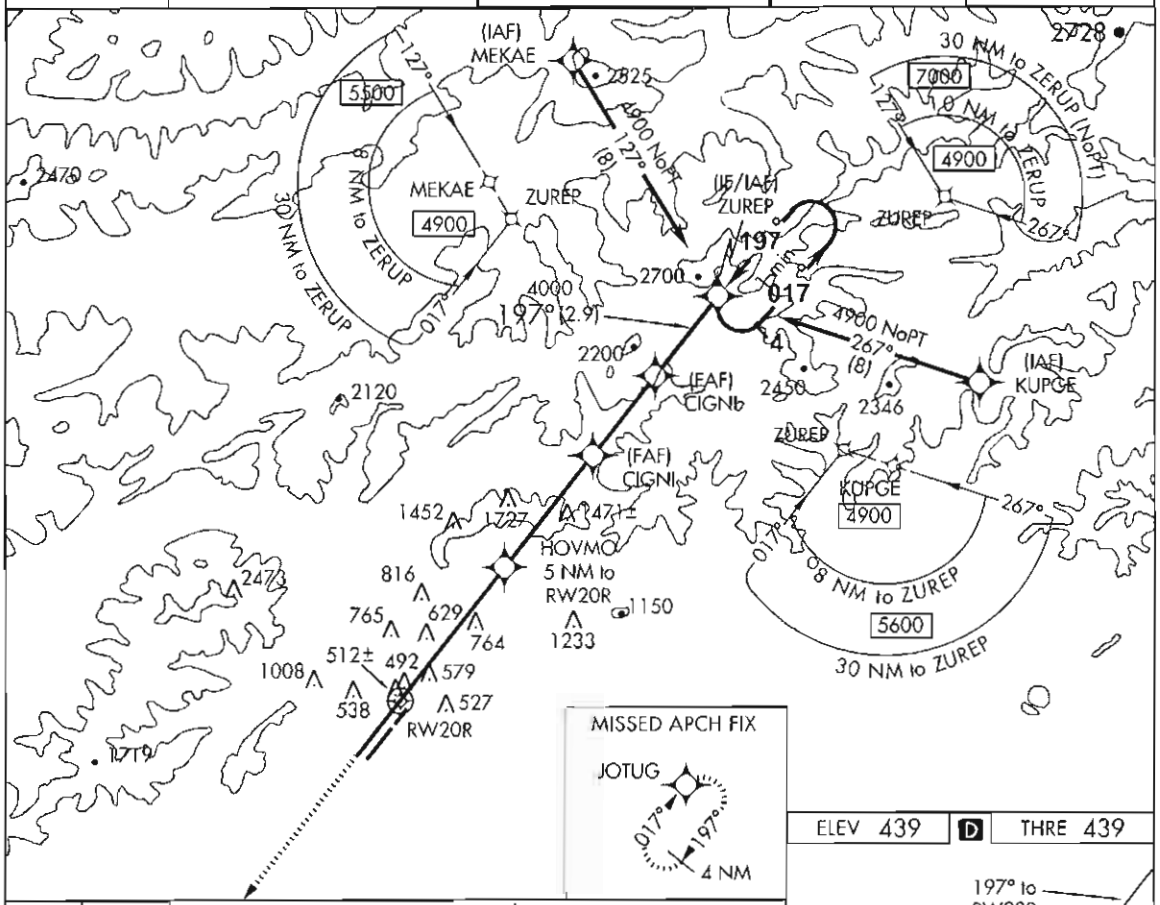
WAAS	APP CRS	Rwy ldg 11050
CH 58329	197°	THRE 439
W20B		Apt Elev 439

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -43°C (-45°F) or above 40°C (104°F). Circling NA west of Rwy 2L-20R. DME/DME RNP-0.3 NA.

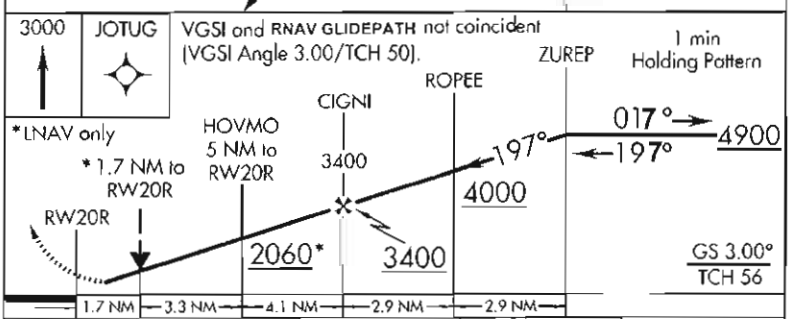
MALSR

MISSED APPROACH: Climb to 3000 direct JOTUG and hold.

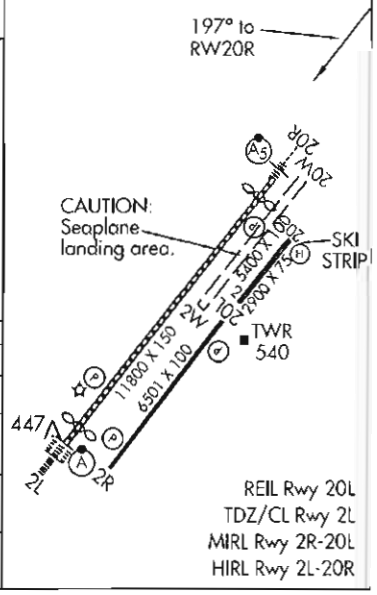
ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6

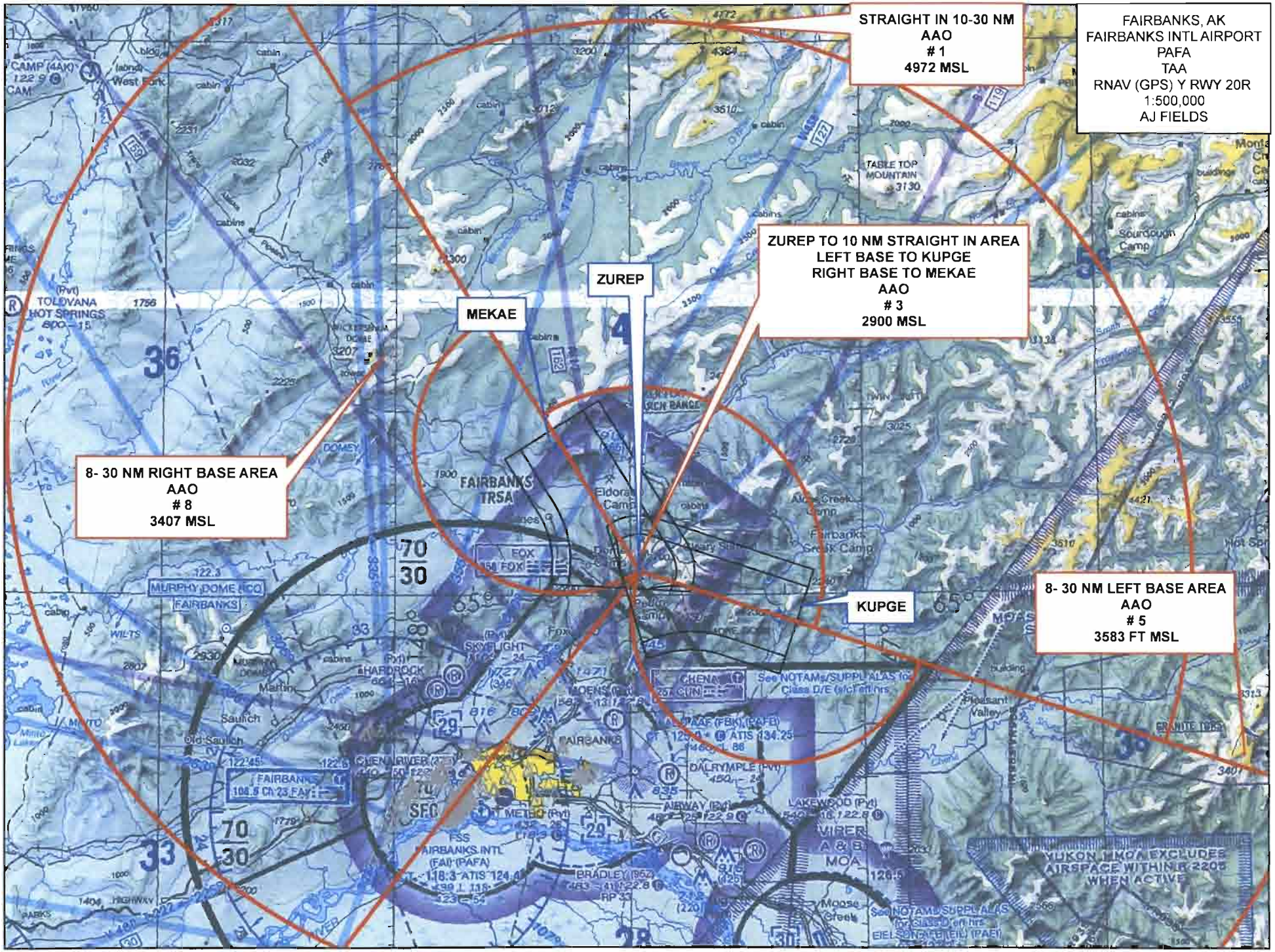


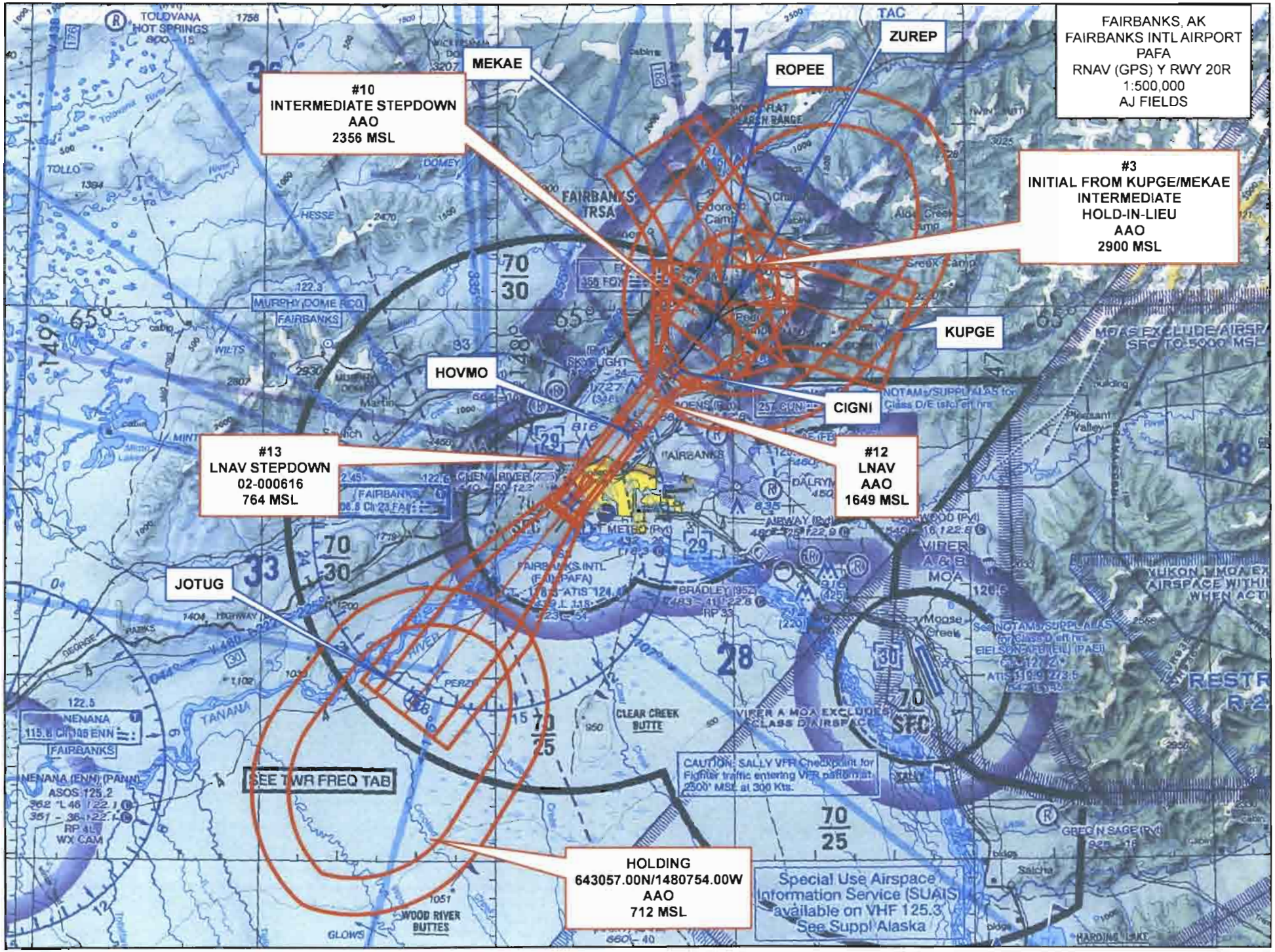
ELEV 439 D THRE 439

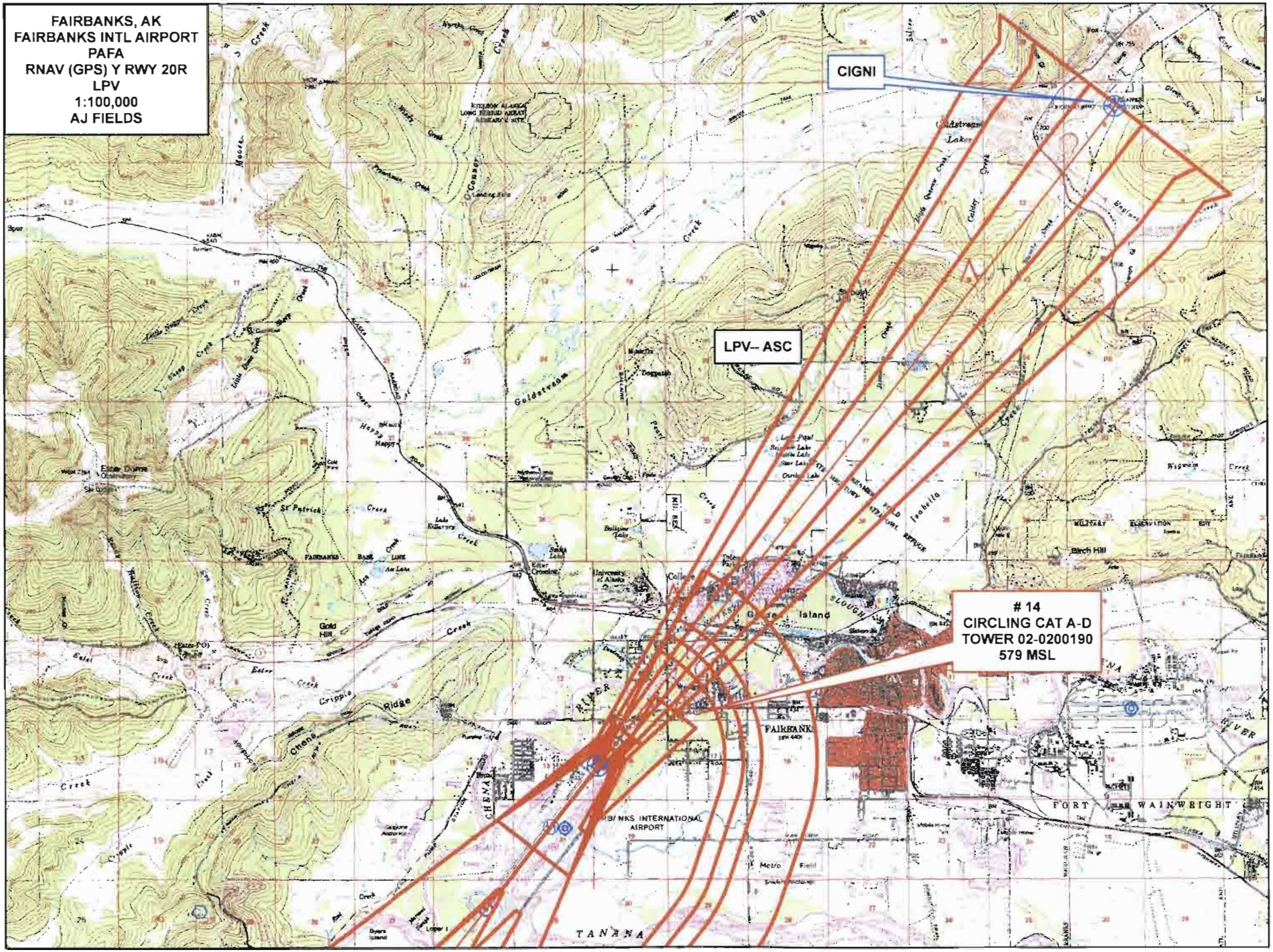


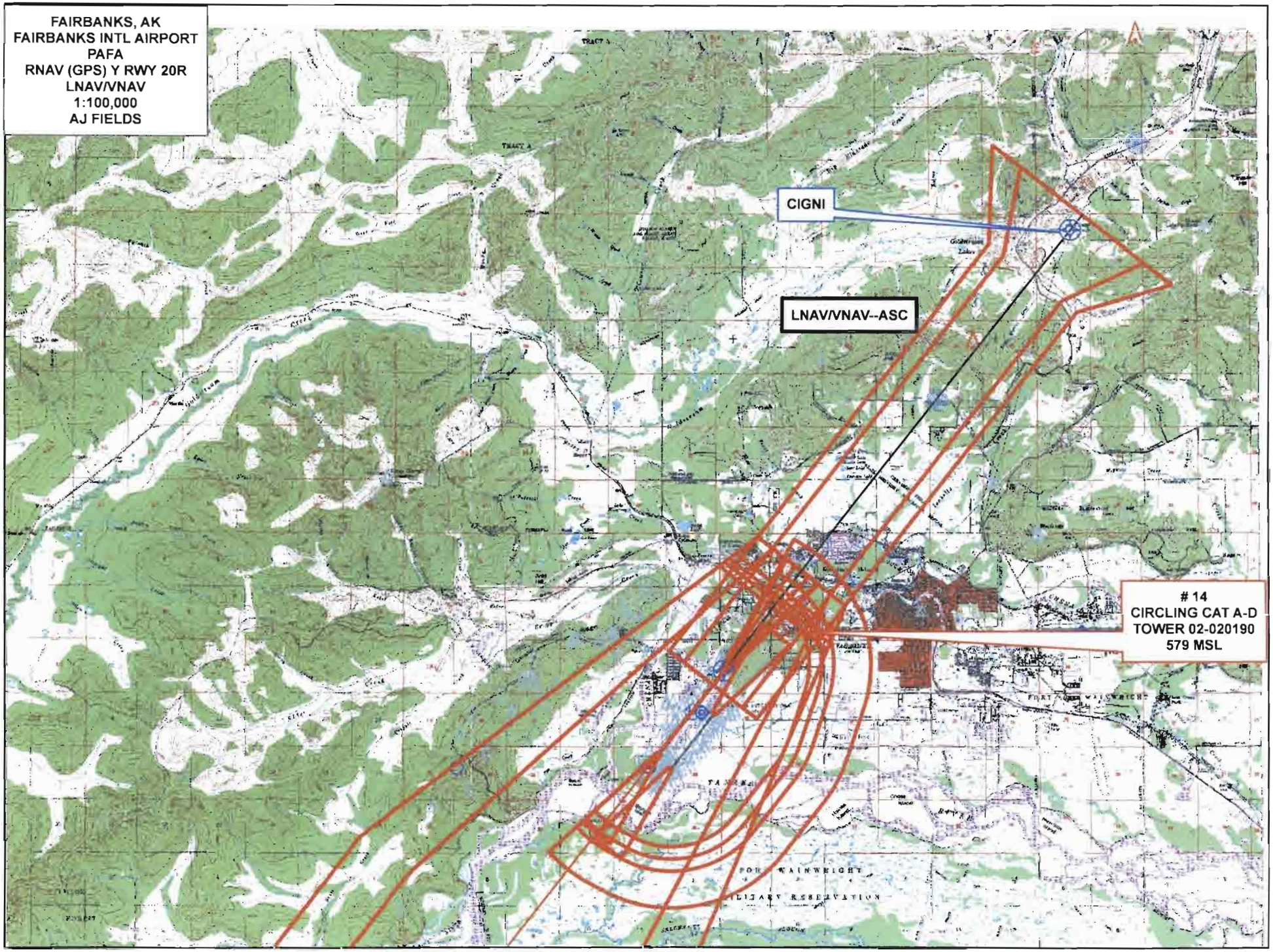
CATEGORY	A	B	C	D
LPV DA	639/24 200 (200-½)			
LNAV/VNAV DA	1148-2 709 (800-2)			
LNAV MDA	1020/24 581 (600-½)		1020/60 581 (600-1)	1020/60 581 (600-1¼)
CIRCLING	1020-1 581 (600-1)		1020-1¾ 581 (600-1¾)	1020-2 581 (600-2)

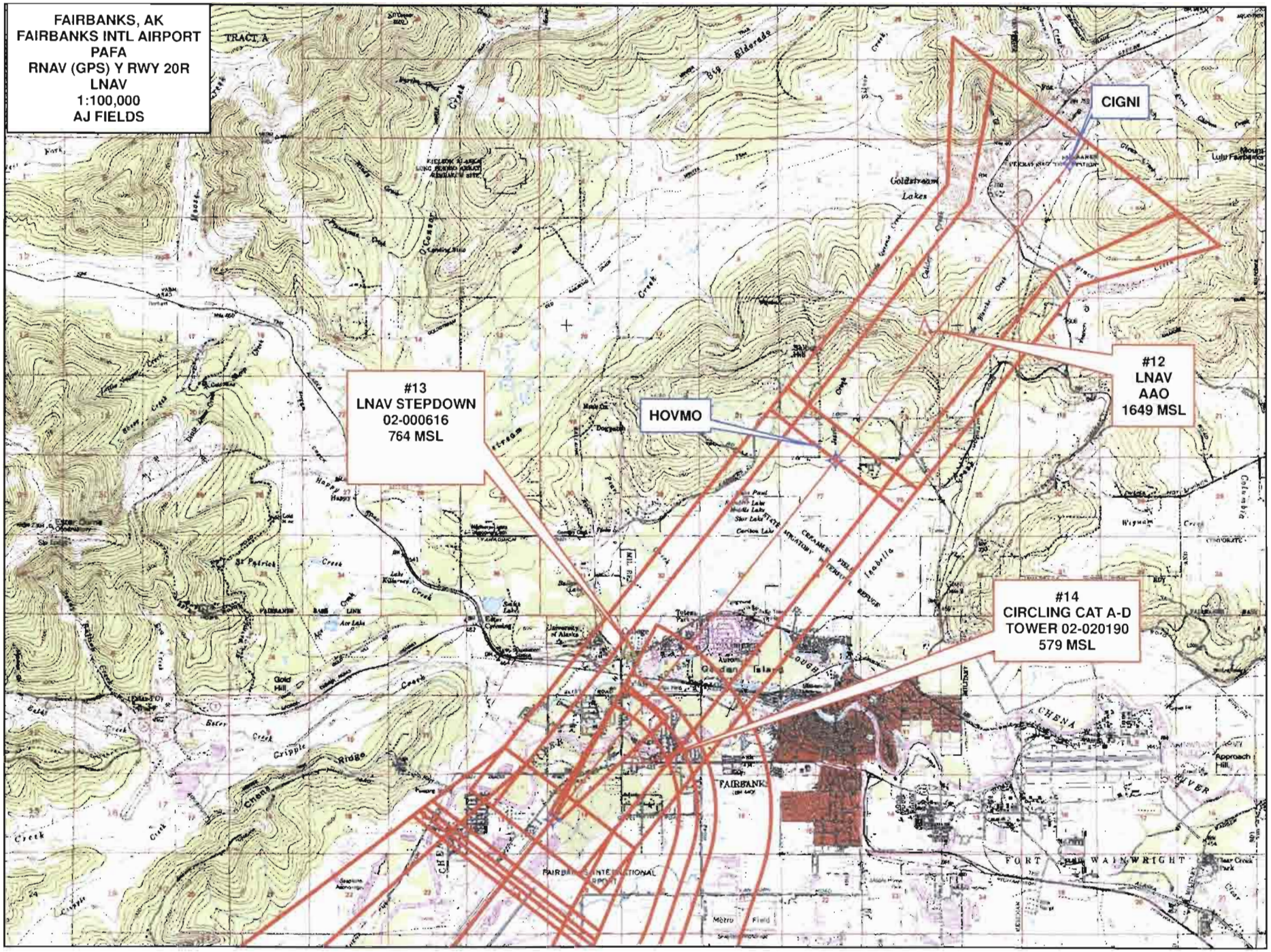



STRAIGHT IN 10-30 NM
AAO
1
4972 MSL
FAIRBANKS, AK
FAIRBANKS INTL AIRPORT
PAFA
TAA
RNAV (GPS) Y RWY 20R
1:500,000
AJ FIELDS
ZUREP TO 10 NM STRAIGHT IN AREA
LEFT BASE TO KUPGE
RIGHT BASE TO MEKAE
AAO
3
2900 MSL
ZUREP
MEKAE
8- 30 NM RIGHT BASE AREA
AAO
8
3407 MSL
KUPGE
8- 30 NM LEFT BASE AREA
AAO
5
3583 FT MSL
FAIRBANKS
TRSA
FAIRBANKS INTL
(FAI) (PAFA)
118.3 ATIS 124.0
YUKON 1 MOA EXCLUDES
AIRSPACE WITHIN R-2205
WHEN ACTIVE
VIPER
A & B
MOA


FAIRBANKS, AK
FAIRBANKS INTL AIRPORT
PAFA
RNAV (GPS) Y RWY 20R
1:500,000
AJ FIELDS
MEKAE
ROPEE
ZUREP
#10
INTERMEDIATE STEPDOWN
AAO
2356 MSL
#3
INITIAL FROM KUPGE/MEKAE
INTERMEDIATE
HOLD-IN-LIEU
AAO
2900 MSL
KUPGE
HOVMO
CIGNI
#13
LNAV STEPDOWN
02-000616
764 MSL
#12
LNAV
AAO
1649 MSL
JOTUG
SEE TWR FREQ TAB
HOLDING
643057.00N/1480754.00W
AAO
712 MSL
Special Use Airspace
Information Service (SUAIS)
available on VHF 125.3
See Suppl Alaska


FAIRBANKS, AK
FAIRBANKS INTL AIRPORT
PAFA
RNAV (GPS) Y RWY 20R
LPV
1:100,000
AJ FIELDS
CIGNI
LPV-- ASC
14
CIRCLING CAT A-D
TOWER 02-0200190
579 MSL
FAIRBANKS INTERNATIONAL AIRPORT
FORT WAINWRIGHT
TANANA


FAIRBANKS, AK
FAIRBANKS INTL AIRPORT
PAFA
RNAV (GPS) Y RWY 20R
LNAV/VNAV
1:100,000
AJ FIELDS
CIGNI
LNAV/VNAV--ASC
14
CIRCLING CAT A-D
TOWER 02-020190
579 MSL


FAIRBANKS, AK
FAIRBANKS INTL AIRPORT
PAFA
RNAV (GPS) Y RWY 20R
LNAV
1:100,000
AJ FIELDS
CIGNI
#12
LNAV
AAO
1649 MSL
HOVMO
#13
LNAV STEPDOWN
02-000616
764 MSL
#14
CIRCLING CAT A-D
TOWER 02-020190
579 MSL

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
KUPGE (IAF)	ZUREP (NOPT) (FB)	267.68 / 8.00	4900
MEKAE (IAF)	ZUREP (NOPT) (FB)	127.26 / 8.00	4900
ZUREP (IF/IAF)	ROPEE (FB)	197.41 / 2.94	4000
ROPEE	CIGNI (FB)	197.35 / 2.94	3400
CIGNI *(FAF)*	HOVMO/5.00 NM TO RW20R (FB)	197.28 / 4.12	
HOVMO/5.00 NM TO RW20R	RW20R (MAP) (FO)	197.19 / 5.00	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW20R

CLIMB TO 3000 DIRECT JOTUG AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ZUREP, LT, 197.41 INBOUND, 4900 FT. IN LIEU OF PT (IAF)
3. FAC: 197.28 FAF: CIGNI DIST FAF TO MAP: 9.12 THLD: 9.12
4. MIN. ALT: ZUREP 4900, ROPEE 4000, CIGNI 3400, HOVMO/5.00 NM TO RW20R 2060*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3400 GS ALT AT: CIGNI 3400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.5 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 016.78 INBOUND.
CHART FAS OBST: 764 TWR 645147N/1474515W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 1.66 MILES TO RW20R*
*LNAV ONLY.
WAAS CHANNEL # 58329
REFERENCE PATH ID: W20B
CHART: YUKON 2 MOA.
CHART: R-2205
LTP HAE: 143.3 M

MAG VAR: 21E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A [X]

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	639	2400	200	639	2400	200	639	2400	200	639	2400	200			
LNAV/VNAV DA	1148	2	709	1148	2	709	1148	2	709	1148	2	709			
LNAV MDA	1020	2400	581	1020	2400	581	1020	6000	581	1020	6000	581			
CIRCLING	1020	1	581	1020	1	581	1020	1 3/4	581	1020	2	581			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -43C (-45F) OR ABOVE 40C (104F).
CHART NOTE: CIRCLING NA WEST OF RWY 02L-20R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 439 THRE: 439 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 20R
FAIRBANKS, AK	FAIRBANKS INTL	RNAV	RNAV (GPS) Y RWY 20R, AMDT 1	AMDT: ORIG
				DATED 10/22/2009

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, AIRPORT MANAGER, FAI APP CON, AK AERO, AMGR

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
A. J. FIELDS	AJV-354	03/16/2012

APPROVED BY

NAME:	FIFO	DATE:
DEZ SILAGYI	AJV-354	03/16/2012

CHANGES:

1. PROCEDURE TITLE CHANGED TO RNAV (GPS) Y RWY 20R.
2. CHANGED STRAIGHT IN OUTER AREA FROM 107 TO 287 FROM 10-30 TO 127 TO 267 FROM 10-30.
3. CHANGED STRAIGHT IN INNNER AREA FROM 107 TO 287 FROM ELACA TO 10 NM TO 127 TO 267 FROM ZUREP TO 10NM.
4. LEFT BASE CREATED A STEP DOWN AREA CHANGED FROM 287 TO 017 FROM SUXXI TO 30 NM TO 267 TO 017 FROM 8.01 NM TO 30 NM. INCREASED OUTER ALTITUDE FROM 5200 TO 5600.
5. CREATED A STEPDOWN ALLOWING 4900 MSL FROM KUPGE TO 8 NM FROM 267 TO 017.
6. RIGHT BASE CREATED A STEPDOWN AREA CHANGED FROM 017 TO 107 FROM CEPLA TO 30 NM. TO 017 TO 127 FROM 8.01 NM TO 30 NM.
7. CREATED A STEPDOWN ALLOWING 4900 MSL FROM MEKAE TO 8NM 017 TO 127.
8. LEFT BASE INITIAL CHANGED FROM SUXXI TO ELACA 287.49/5.30 TO KUPGE TO ZUREP 267.68/8.00.
9. RIGHT BASE INITIAL CHANGED FROM CEPLA TO ELACA TO MEKAE TO ZUREP 127.26/8.00.
10. CHANGED INTERMEDIATE STEPDOWN FROM ELACA TO ROPEE FROM 197.44/2.82 4600 TO ZUREP TO ROPEE 197.41/2.94 4000.
11. CHANGED INTERMEDIATE FROM STEPDOWN TO PFAF FROM 197.38/4.7 TO 197.35/2.94.
12. CHANGED LPV FINAL FROM 197.28/8.9 TO 197.28/9.12
13. CHANGED LNAV/VNAV FROM 197.28/8.9 TO 197.28/9.12

SEE 8260-10

REASONS:

1-18. ATC REQUESTED THAT THE ILS AND RNAV PFAF BE COLOCATED BRINGING THE PROCEDURE TO CURRENT CRITERIA CAUSED CHANGES TO THE TAA DESIGN FOR REQUIRED LEG LENGTHS. REQUIRING NEW FIXES SINCE NOT ALL FIXES COULD BE MOVED BECAUSE THEY WERE USED ON OTHER PROCEDURES.
20. COORDINATED WITH ATC
21. IAPA CALCULATIONS.

PDF EDITS
TERMINAL ROUTES ADDED (FAF) TO PAGE 1 OF 5 LINE 5 AND REMOVED 2060*.
-10 PAGE 2 OF 5 TERMINAL ROUTE LINE 1 REMOVED ALTITUDE 639.
-10 PAGE 4 OF 5 SEGMENT LAST LINE REMOVED 020 FROM 45-47.
FAS DATA PAGE 3 OF 5 ADDED PA AFTER *.
FLIGHT INSPECTION SUMMARY SHEET MISSED APPROACH LINE 2 DELETED RNP 2.0.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW20R (MAP)	639 MSL	197.19	
639 MSL	JOTUG (FO)		3000

TAA

	FROM	TO	ALT
1.	127/30 CW 267/30 (NOPT)	127/10 CW 267/10	7000
2.	127/10 CW 267/10	ZUREP (IF/IAF) (FB)	4900
3.	267/30 CW 017/30	267/8 CW 017/8	5600
4.	267/8 CW 017/8	KUPGE (IAF) (FB)	4900
5.	017/30 CW 127/30	017/8 CW 127/8	5500
6.	017/8 CW 127/8	MEKAE (IAF) (FB)	4900

QUALITY

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.
14. CHANGED LNAV FAF TO STEP DOWN FROM 197.28/3.8 2140 TO 197.28/4.12 2060. 15. CHANGED LNAV STEPDOWN TO MAP FROM 197.28/5.10 TO 197.28/5.00. 16. CHANGED DISTANCE FAF TO MAP FROM 8.90 TO 9.12. 17. CHANGED DISTANCE TO THRESHOLD FROM 200 HAT FROM 0.45 M TO 0.47. 18. CHANGED CHART NOTE FOR UNCOMPENSATED BARO VNAV SYSTEMS FROM LNAV/VNAV NA BELOW -25C(-13F) OR ABOVE 48C (118F) TO NA BELOW -43C(-45F) OR ABOVE 40C (104F). 19. CHANGED VDP FROM 1.67 TO 1.66. 20. LOWERED MISSED APPROACH HOLDING FROM 3700 TO 3000. 21. INCREASED CAT C CIRCLING VISIBILITY FROM 1 1/2 TO 1 3/4.

REASONS:

QUALITY CHECKED

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAFA
RUNWAY	RW20R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20B
LTP/FTP LATITUDE	644935.0975N
LTP/FTP LONGITUDE	1475031.8245W
LTP/FTP ELLIPSOIDAL HEIGHT	+01433
FPAP LATITUDE	644809.4800N
FPAP LONGITUDE	1475309.1800W
THRESHOLD CROSSING HEIGHT (TCH)	00055.5
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	B0D7260F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	*PA*
LTP ORTHOMETRIC HEIGHT	+01338
FPAP ORTHOMETRIC HEIGHT	+01338

QUALITY CHECKED

CITY AND STATE	ELEVATION: 439 THRE: 439 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 20R
FAIRBANKS, AK	FAIRBANKS INTL	RNAV	RNAV (GPS) Y RWY 20R, AMDT 1	AMDT: ORIG
				DATED: 10/22/2009

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

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:

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SCANEAENRT   CIGNI PA0    C     N64564399W147371816                    E0201     NAR           CIGNI
         SCANEAENRT   HOVMO PA0    W     N64533028W147431776                    E0201     NAR           HOVMO
         SCANEAENRT   JOTUG PA0    W     N64384714W148101353                    E0198     NAR           JOTUG
         SCANEAENRT   KUPGE PA0    W     N64584744W147105130                    E0203     NAR           KUPGE
         SCANEAENRT   MEKAE PA0    W     N65080676W147383852                    E0202     NAR           MEKAE
         SCANEAENRT   ROPEE PA0    W     N64590185W147330107                    E0201     NAR           ROPEE
         SCANEAENRT   ZUREP PA0    C     N65011959W147284325                    E0202     NAR           ZUREP

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SCANP PAFAPAAFAI     0     118YHN64485440W147512321E021000439         1800018000C    MNAR    FAIRBANKS INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SCANP PAFAPAFR20RY AKUPGE 010KUPGEPAEA0E  A    IF                                        18000                 A JS
         SCANP PAFAPAFR20RY AKUPGE 020ZUREPPAEA0EE B 010TF                    26770080    + 04900                        A JS
         SCANP PAFAPAFR20RY AMEKAE 010MEKAEPAEA0E  A    IF                                        18000                 A JS
         SCANP PAFAPAFR20RY AMEKAE 020ZUREPPAEA0EE B 010TF                    12730080    + 04900                        A JS
         SCANP PAFAPAFR20RY AZUREP 010ZUREPPAEA0EE AL   HF                    19740040    + 04900     18000              A JS
         SCANP PAFAPAFR20RY R      010ZUREPPAEA0E  I    IF                                + 04900     18000              A JS
         SCANP PAFAPAFR20RY R      011ROPEEPAEA0E S  051TF                    19740029    + 04000                        A JS
         SCANP PAFAPAFR20RY R      020CIGNIPAEA1E  F 051TF                    19740029    + 03400                        A JS
         SCANP PAFAPAFR20RY R      020CIGNIPAEA2WALPV       ALNAV/VNAV ALNAV                                             JS
         SCANP PAFAPAFR20RY R      021HOVMOPAEA0E S  031TF                    19730041    V 0206002087       -300      A JS
         SCANP PAFAPAFR20RY R      030RW20RPAPG0GY M 031TF                    19720050      00494            -300      A JS
         SCANP PAFAPAFR20RY R      040         0  M     CA                    1972        + 00639                      A JS
         SCANP PAFAPAFR20RY R      050JOTUGPAEA0EY       DF                              + 03000                      A JS
         SCANP PAFAPAFR20RY R      060JOTUGPAEA0EE  R    HM                    01680040    + 03000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SCANP PAFAPAGRW20R   0118001971 N64493510W147503182+0000    +01433004390750561501

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SCANP PAFAPAPR20RY RW20R001Y0000W20B0N6449350975W14750318245+014330300N6448094800W1475309180010675000000555F400350B0D7260F
         SCANP PAFAPAPR20RY RW20R002E      +01338+01338LPV       58329
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **439** THRE: **439**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) RWY 20R**
FAIRBANKS, AK	AIRPORT NAME: **FAIRBANKS INTL**	**RNAV**	**RNAV (GPS) Y RWY 20R, AMDT 1**	AMDT: **ORIG**
				DATED: **10/22/2009**

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

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**

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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KUPGE	KUPGE	010	IAF	IF		FB					
	KUPGE	ZUREP	020		TF		FB	1.0	267.7(288.7T)	008.0	AA 04900	
	MEKAE	MEKAE	010	IAF	IF		FB					
	MEKAE	ZUREP	020		TF		FB	1.0	127.3(148.3T)	008.0	AA 04900	
	ZUREP	ZUREP	010	IAF	HF	L	FO		197.4(218.4T)	004.0	AA 04900	
		ZUREP	010	FACF	IF		FB				AA 04900	
		ROPEE	011	SDF	TF		FB	0.5	197.4(218.4T)	002.9	AA 04000	
		CIGNI	020	FAF	TF		FB	0.5	197.4(218.4T)	002.9	AA 03400	
		HOVMO	021	SDF	TF		FB	0.3	197.3(218.3T)	004.1	AA 02060	GS 02087
		RW20R	030	MAP	TF		FO	0.3	197.2(218.2T)	005.0	AT 00494	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		197.2(218.2T)		AA 00639	
	JOTUG	050		DF		FO				AA 03000	
	JOTUG	060		HM	R	FO		016.8(037.8T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIGNI	N645643.99	W1473718.16	N6456.733	W14737.303
	HOVMO	N645330.28	W1474317.76	N6453.505	W14743.296
	JOTUG	N643847.14	W1481013.53	N6438.786	W14810.226
	KUPGE	N645847.44	W1471051.30	N6458.791	W14710.855
	MEKAE	N650806.76	W1473838.52	N6508.113	W14738.642
	ROPEE	N645901.85	W1473301.07	N6459.031	W14733.018
	ZUREP	N650119.59	W1472843.25	N6501.327	W14728.721
	RW20R	N644935.10	W1475031.82	N6449.585	W14750.530

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20R	00439	56

QUALITY CHECKED

CITY AND STATE	ELEVATION: **439** **THRE: 439**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) RWY 20R**
FAIRBANKS, AK	AIRPORT NAME: **FAIRBANKS INTL**	**RNAV**	**RNAV (GPS) Y RWY 20R, AMDT 1**	AMDT: **ORIG**
				DATED: **10/22/2009**

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

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.
STRAIGHT-IN AREA	127/30 CW 267/30	127/10 CW 267/10	1. AAO	653109.30N/1471927.20W	4972 (6A)	2000		7000
			2. TERRAIN	653109.30N/1471927.20W	4772 (4800)		AS1500	6300
STRAIGHT-IN AREA	127/10 CW 267/10	ZUREP	3. AAO	650207.30N/1472925.40W	2900 (6A)	2000		4900
			4. TERRAIN	650207.30N/1472925.40W	2700 (2700)		AS1500	4200
LEFT BASE AREA	267/30 CW 017/30	267/8 CW 017/8	5. AAO	644942.00N/1461112.00W	3583 (4A)	2000		5600
			6. TERRAIN	644942.00N/1461112.00W	3383 (3400)		AS1500	4900
LEFT BASE AREA	267/8 CW 017/8	KUPGE	3. AAO	650207.30N/1472925.40W	2900 (5A)	2000		4900
			7. TERRAIN	650203.00N/1473012.00W	2598 (2600)		AS1500	4100
RIGHT BASE AREA	017/30 CW 127/30	017/8 CW 127/8	8. AAO	651307.10N/1480321.90W	3407 (6A)	2000		5500
			9. TERRAIN	651307.10N/1480321.90W	3207 (3200)		AS1500	4700
RIGHT BASE AREA	017/8 CW 127/8	MEKAE	3. AAO	650207.30N/1472925.40W	2900 (6A)	2000		4900
			4. TERRAIN	650207.30N/1472925.40W	2700 (2700)		AS1500	4200
INITIAL	KUPGE	ZUREP	3. AAO	650207.30N/1472925.40W	2900 (6A)	1000	AT1000	4900
			4. TERRAIN	650207.30N/1472925.40W	2700 (2700)		AS1500	4200
2. HOLD-IN-LIEU-OF-PT	ZUREP	P-5	3. AAO	650207.30N/1472925.40W	2900 (6A)	1000	PR160 AT840	4900
			4. TERRAIN	650207.30N/1472925.40W	2700 (2700)		AS1500	4200
3. MISSED APPROACH MAP:	DA / DA / RW20R	JOTUG				ASC		3000
			15. AAO	643057.00N/1470754.00W	712 (4E)	1000		1800
ELEV:	471/987/920		16. TERRAIN	643057.00N/1470754.00W	512 (500)		AS1500	2000

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	581	14. TOWER (02-020190)	645017.41N/1474823.32W	579 (2D)	300	SI	1020
CATEGORY B	1.5 NM	450	581	14. TOWER (02-020190)	645017.41N/1474823.32W	579 (2D)	300	SI	1020
CATEGORY C	1.7 NM	450	581	14. TOWER (02-020190)	645017.41N/1474823.32W	579 (2D)	300	SI	1020
CATEGORY D	2.3 NM	550	581	14. TOWER (02-020190)	645017.41N/1474823.32W	579 (2D)	300	SI	1020
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED

CITY AND STATE	ELEVATION: 439 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FAIRBANKS, AK	FAIRBANKS INTL	RNAV	RNAV (GPS) Y RWY 20R, AMDT 1	AAL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZAN ARTCC FAI FSS FAI APP CON	[ ] NWS OTHER: ASOS [X] FAA [ ] A/C	SOURCE: PAFA DISTANCE: HOURS REMOTE OPERATION:
SATISFACTORY ON: [X] VHF [X] UHF [ ] HF	LOCATION: PAFA	ADJUSTMENT: 0

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

5. APPROACH & RUNWAY LIGHTING		
	X	ALSF-2 02L
		(S) SALS
	X	MALSR 20R
	X	HIRL 20R, 02L
	X	MIRL 20L, 02R
	X	REIL 20L
	X	TDZ 02L
	X	C/L 20R, 02L
	X	OTHER (SPECIFY) PAPI-4L 20R, 20L, 02L, 02R

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 20R, 02L
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	20R, 02L
	MIDFIELD	20R, 02L
	ROLL OUT	20R, 02L
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 438.9
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 55.5

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

10. WAIVERS: NONE

PART D - PREPARED BY: A. J. FIELDS	DATE: 03/16/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

THRESHOLD DISPLACED 750.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ASOS ON SERVICE-A.
BLOCK 2: HRS OPTN: 24
BLOCK 3: ALTIMETER SETTING SOURCE: PAFA
PAFA REDUNDANT ALTIMETER SOURCES NO BACKUP REQUIRED.
VGSI ANGLE: 3.00D/TCH: 50

SEE ATTACHED AIRSPACE LETTER.

60' VEGETATION HEIGHT WITHIN 5NM USED PER ANC FPO.
LPV SURFACE = 34:1
LNAV/VNAV SURFACE = 24.9:1
"W" SLOPE SHIFT = 190.75FT
ACT -43 DETERMINED FROM 2006-2010 DATA, 2011 MISSING SEVERAL MONTHS OF DATA.

IPDS DTED VALUES USED PER EMAIL GUIDANCE # 86
MINIMUMS NOT LOWERED PER EMAIL GUIDANCE # 89, RAN OUT OF TIME TO COORDINATE LOWERING THEM. MINIMUMS ADJUSTED TO MATCH PUBLISHED PROCEDURE.

QUALITY 9 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	MEKAE	ZUREP	3. AAO	650207.30N/1472925.40W	2900 (6A)	1000	AT1000	4900
			4. TERRAIN	650207.30N/1472925.40W	2700 (2700)		AS1500	4200
INTERMEDIATE	ZUREP (IF/IAF)	ROPEE	3. AAO	650207.30N/1472925.40W	2900 (6A)	500	AT600	4000
			4. TERRAIN	650207.30N/1472925.40W	2700 (2700)		AS1000	3700
INTERMEDIATE: STEPDOWN	ROPEE	CIGNI	10. AAO	645957.00N/1473448.00W	2356 (3A)	500	AT544	3400
			11. TERRAIN	645957.00N/1473448.00W	2156 (2200)		AS1000	3200
FINAL: LPV	CIGNI	RW20R				ASC		639/200
FINAL: LNAV/VNAV	CIGNI	RW20R	15. TOWER (02-020190)	645017.41N/1474823.32W	579 (2C)	24.9:1		1148/709
FINAL: LNAV	CIGNI	HOVMO/5.00 NM TO RW20R	12. AAO	645458.14N/1474101.20W	1649 (2A)	250	XL156	2060
FINAL: LNAV STEPDOWN	HOVMO/5.00 NM TO RW20R	RW20R	13. TWR (PAFB0022)	645147.49N/1474515.33W	764 (1A)	250		1020

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		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FAIRBANKS, AK	ELEVATION: 439 AIRPORT NAME: FAIRBANKS INTL	RNAV	RNAV (GPS) Y RWY 20R, AMDT 1	AAL

QUALITY CHECKED 9

PART B - SUPPLEMENTAL DATA

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

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

5. APPROACH & RUNWAY LIGHTING	☐	**ALS**
	☐	**(S) SALS**
	☐	**MALS**
	☐	**HIRL**
	☐	**MIRL**
	☐	**REIL**
	☐	**TDZ**
	☐	**C/LINE**
	☐	**OTHER (SPECIFY)**

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	☐ RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐ ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

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

PART C - REMARKS:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CIGNI **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 645643.99N/1473718.16W **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	FAIRBANKS	I-FAI	LOC/DME		017.08	038.08	11.13	11.11	67520	3300	4900
2	CHENA	CUN	NDB	H	312.36	333.36		7.21		3300	4900

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

REMARKS:
FAIRBANKS (FAC 1) USED TO ESTABLISH FIX COORDINATES
PAFA RW20R THRESHOLD DISPLACED 750 FT; LOCATED AT 644935.10N/1475031.82W;
FIX AT RNP PFAF LOCATION 55437.25FT (9.12 NM) FROM DISPLACED THRESHOLD.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI ILS OR LOC/DME RWY 20R	1		PAFA	FAIRBANKS	AK (US)
IAP	ILS OR LOC RWY 20R	1, 2		PAFA	FAIRBANKS	AK (US)
IAP	ILS RWY 20R (SA CAT I)	1, 2		PAFA	FAIRBANKS	AK (US)
IAP	ILS RWY 20R (SA CAT II)	1, 2		PAFA	FAIRBANKS	AK (US)
IAP	RNAV (GPS) Y RWY 20R			PAFA	FAIRBANKS	AK (US)
IAP	RNAV (RNP) Z RWY 20R			PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
ADDED INT AND DME TO FIX TYPE, ATC REQUEST TO COLOCATE PFAFS.
MOVED FIX 1339.31 FT NORTHEAST TO .54A LOCATION, PER ATC REQUEST.
ADDED FAC 1 AND FAC 2
CHANGED REMARKS FROM PAFA RW20R THRESHOLD DISPLACED 750 FT; LOCATED AT 644935.10N/1475031.82W;FIX AT RNP PFAF LOCATION 54098.00FT (8.90 NM) FROM DISPLACED THRESHOLD. TO PAFA RW20R THRESHOLD DISPLACED 750 FT; LOCATED AT 644935.10N/1475031.82W; FIX AT RNP PFAF LOCATION 55437.25FT (9.12 NM) FROM DISPLACED THRESHOLD.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/07/2012 **OFFICE:** AJV-354 **NAME:** ANDREW FIELDS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY: FAI ATCT
OTHER: USAASA

RADIO FIX AND HOLDING DATA RECORD

NAME: HOVMO **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 645330.28N/1474317.76W **TYPE:** WP

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

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

REMARKS:
PAFA RW20R THRESHOLD DISPLACED 750 FT; LOCATED AT 644935.10N/1475031.82W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 20R			PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: IAP, CONTROLLER

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
MOVED FIX 0.10 NM NORTHEAST TO MAINTAIN DESCENT GRADIENT THE PFAF ON THIS PROCEDURE WAS RELOCATED TO 8260.54A LOCATION.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/08/2012 **OFFICE:** AJV-354 **NAME:** ANDREW FIELDS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY: FAI APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JOTUG **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 643847.14N/1481013.53W **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	196.78	016.78	R		4	3000	17500	5	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	643057.00N/1480754.00W	712	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PAFA RW02L THRESHOLD DISPLACED 740 FT; LOCATED AT 644815.21N/1475258.65W; FIX LOCATED 12.04 NM FROM DISPLACED THRESHOLD.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 2L		1	PAFA	FAIRBANKS	AK (US)
IAP	RNAV (GPS) Y RWY 20R		1	PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
UPDATE FIX USE.
REMOVED CLIMB-IN-HOLD PATTERN.

DEVELOPED BY: **DATE:** 05/08/2012 **OFFICE:** AJV-354 **NAME:** ANDREW FIELDS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY: FAI APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KUPGE **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 645847.44N/1471051.30W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)Y RWY 20R			PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: IAP, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 03/12/2012 **OFFICE:** AJV-354 **NAME:** ANDREW FIELDS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY: FAI APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MEKAE **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 650806.76N/1473838.52W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 20R			PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 05/08/2012 **OFFICE:** AJV-354 **NAME:** ANDREW FIELDS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY: FAI APP CON
OTHER:

QUALITY 9 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ROPEE **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 645901.85N/1473301.07W **TYPE:** WP

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

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

REMARKS:
PAFA RW20R THRESHOLD DISPLACED 750 FT; DISPLACED THRESHOLD LOCATED AT 644935.10N-1475031.82W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 20R			PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: IAP, CONTROLLER

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
MOVED FIX 1.54 NM NORTHEAST BOTH PFAF AND INTERMEDIATE FIXES WERE MOVED FOR TAA Y CONFIGURATION. ATC REQUESTED TO RETAIN NAMES OF ALL EXISTING FIXES.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/08/2012 **OFFICE:** AJV-354 **NAME:** ANDREW FIELDS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY: FAI APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZUREP **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 650119.59N/1472843.25W **TYPE:** WP, DME

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

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	FAIRBANKS	I-FAI	LOC/DME		017.08	038.08	17.01	16.99		3600	5000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-FAI	LOC/DME	R-017	18	4500	5000

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	I-FAI	LOC/DME	017.08	197.08	L	1		3900	5000	5	6
2	N		WP	017.41	197.41	L		4	3900	5000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	650207.30N/1472925.40W	2900	2C
2	200	AAO	650207.30N/1472925.40W	2900	2C

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

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
FAIRBANKS (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 20R	1	1	PAFA	FAIRBANKS	AK (US)
IAP	RNAV (GPS) Y RWY 20R		2	PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: IAP, CONTROLLER

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-354 **NAME:** ANDREW FIELDS

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

SIGNATURE:

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

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **FAIRBANKS** STATE: **AK**

AIRPORT NAME: **FAIRBANKS INTL AIRPORT** ID: **PAFA**

PROCEDURE: **RNAV (GPS) Y RWY 20R** AMDT: **1**

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 **THLD** to 1000' point **2.99**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.87**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **218.28**
4. High Terrain in **FINAL** segment containing 1000' point **1404**
5. Distance from **THLD** to 1500' point **11.63**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4.15**
7. True Course of **INTERMEDIATE** segment containing 1500' point **218.41**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **2700**
9. Threshold Coordinates (if straight-in) ... ***644935.10N / 1475031.82W**
10. ARP Coordinates ..... **644854.40N / 1475123.21W**
11. Runway Approach End and distance furthest from ARP.....RWY **02L**
    Distance **1.07** NM
12. FAF Coordinates ..... **645643.99N / 1473718.16W**
    (Click to Select)

REMARKS: Approach/Drawing attached. *DRWT