Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 07/10/2014	Task #: 2014071025450102002	Request #: 20140710254501

Procedure: RNAV (RNP) Z RWY 2L AMDT 1	Airport ID: PAFA	Airport: FAIRBANKS INTL	Reimbursable #: NO

City: FAIRBANKS	ST: AK	GPS #:	Estimated Chart Date: 06/22/2017	FICO #: 1182952

Fac ID: N/A	Fac. Type:	Specialist: LUCAS MCCLOUD

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	08/25/2016	03/13/2017	ROBERT HAMILTON	QUALITY
QA:	03/13/2017	03/22/2017	ERIC HILL	32 04/26/17
Liaison:	03/22/2017	03/22/2017	MARY MCDONALD	CHECKED

Procedure Comments: ENROUTE-NON **Remark Type:** INFORMATION

PROCEDURE MAG VAR: OLD 21E - NEW 18E

CANCELS NOTAM: 6/6763

CONTACT: JULIE MORGAN, 405-954-8568 - AJV-542.

04/26/17: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/17/17.
1. -10, TERMINAL ROUTES, WERDU-JIRIG CHANGED FROM CCW TO CW

FIPC BASIC FORM

PROCEDURE:	AIRPORT NAME:	AIRPORT ID:	SPECIAL CONTROL NO:
RNAV (RNP) Z RWY 2L 1	FAIRBANKS INTL	PAFA	KG-03-252-17

FAC ID: PAFA02L.01Z	CITY: FAIRBANKS	ST: AK	ORIG CHART DATE: 06/22/2017

DFL TYPE:	THIRD PARTY:	EST. TIME ON SITE:	REIMB. NUMBER:	PTS TASK ID:
PROC/P	☐ YES	0.4		2014071025450102002

PREFLIGHT NOTES

REVIEWER:	DATE:
COMMENTS: No FAA Form -10 ARINC data provided. NACO file data compared to FAA Form - 3 for course and distance and FAA Form -2 for lat/long. (DCF, SAC FIFO)	CHECK ONE: ☐ FLT CK REQ ☐ NFCR ☐ REJECT

	YES	NO
CPV COMPLETE?	X	

PROCEDURE RESULTS

INSPECTION DATE:	CREW #:	N #:	INSTRUMENT PROCEDURE STATUS:	ARINC CODING:
04/12/2017	VN258	N85	☒ SAT ☐ SAT W/CHANGES ☐ UNSAT	☐ SAT ☒ SAT/GOLD ☐ UNSAT

FLIGHT INSPECTOR SIGNATURE:	PRINTED NAME:	NOTAM INITIATED?
james hawley @ 04/13/2017 18:01	HAWLEY, JAMES MICHAEL	☐ YES ☒ NO

FLIGHT INSPECTOR REMARKS:

IN-FLIGHT OBSTACLE REPORT

OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:

APP CRS	Rwy ldg	11050
020°	TDZE	439
	Apt Elev	439

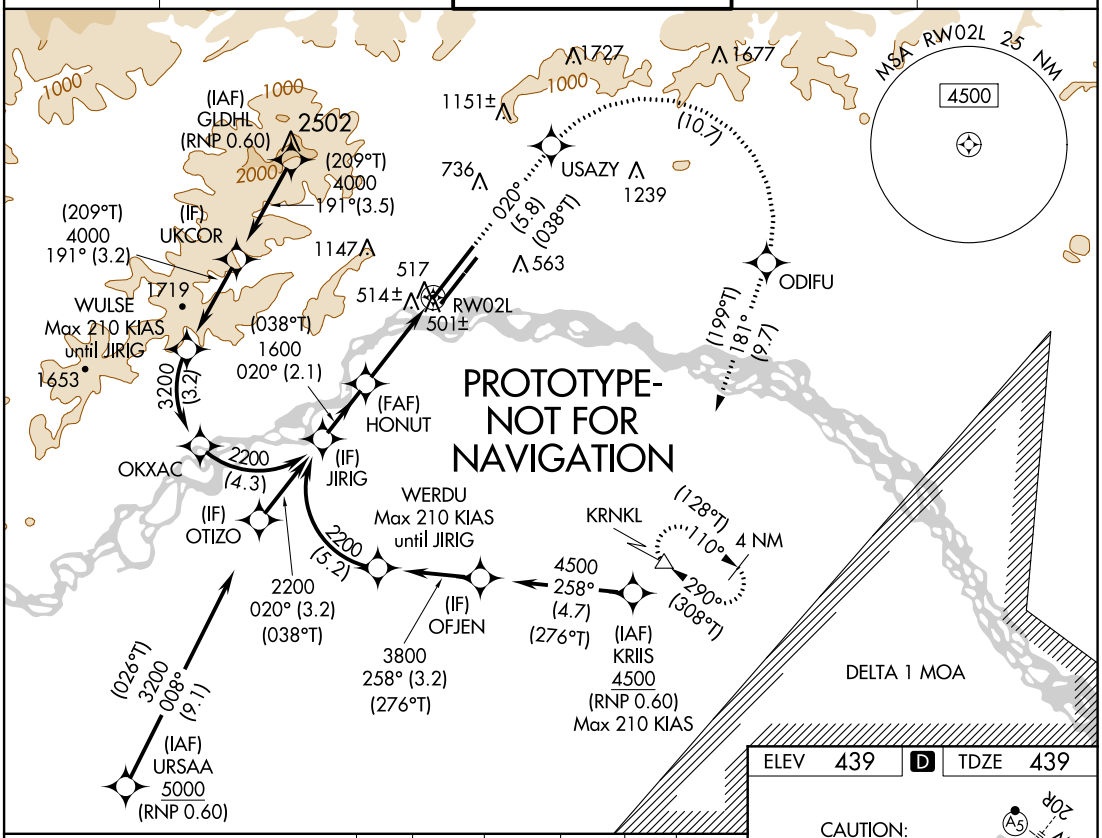
RNAV (RNP) Z RWY 2L
FAIRBANKS INTL (FAI) (PAFA)

-20°C For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). RF and GPS required. For inop ALS, increase RNP 0.15 all Cats visibility to RVR 6000.

ALSF-2

MISSED APPROACH: Climb to 5000 on track 020° to USAZY and right turn to ODIFU and track 181° to KRNKL and hold.

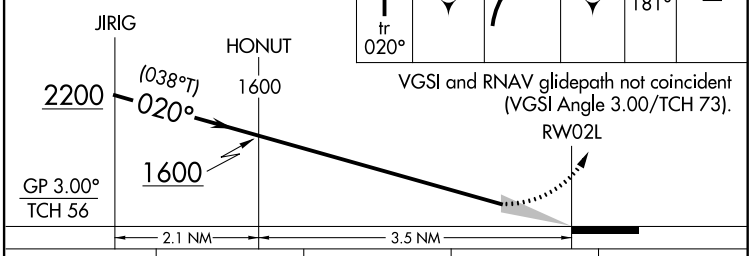
ATIS	FAIRBANKS APP CON	FAIRBANKS TOWER	GND CON	CLNC DEL
124.4	125.35 363.2	118.3 257.8	121.9	127.6



See planview for multiple IF locations.

5000	USAZY		ODIFU		KRNKL
tr 020°				tr 181°	

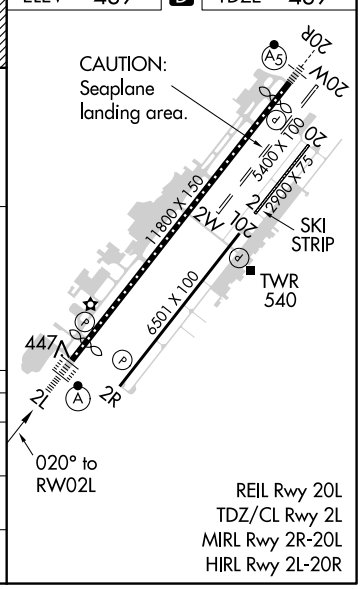
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 73).



CATEGORY	A	B	C	D
RNP 0.15 DA	798/40	359 (400-¾)		
RNP 0.30 DA	851/45	412 (500-⅞)		

AUTHORIZATION REQUIRED

ELEV 439 D TDZE 439



AUTOMATED AL-1234 RNAV (RNP) Z RWY 2L
AUTOMATED AL-1234 RNAV (RNP) Z RWY 2L

AK
MARCH 7, 2017
COMPILER: LS
REVIEWER:
DBL CHKR:
EFF: FIG

EXISTING

FAIRBANKS, ALASKA

AL-1234 (FAA)

16147

RNAV (RNP) Z RWY 2L

FAIRBANKS INTL (FAI) (PAFA)

APP CRS	Rwy ldg	11050
017°	TDZE	439
	Apt Elev	439

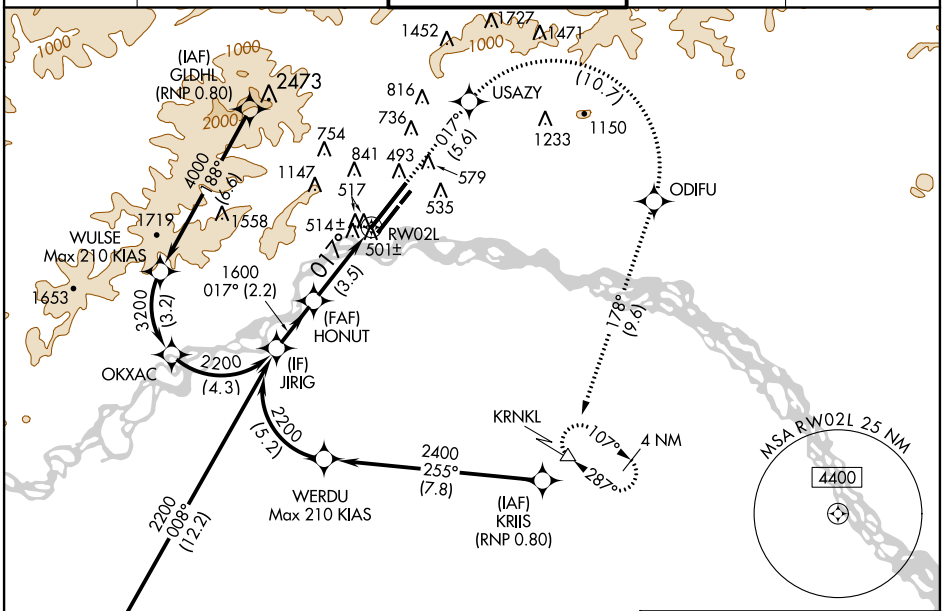
-20°C/-4°F

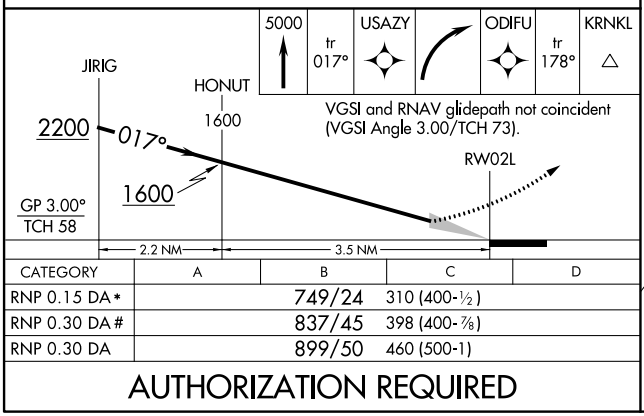
For uncompensated Baro-VNAV systems, procedure NA below -15°C (5°F) or above 47°C (117°F). GPS and RF required. For inoperative ALSF, increase *RNP 0.15 all Cats visibility to 1, #RNP 0.30 all Cats visibility to 1¼, and RNP 0.30 all Cats visibility to 1½.
*Missed approach requires a minimum climb of 230 feet per NM to 2500.
#Missed approach requires a minimum climb of 215 feet per NM to 2500.

ALSF-2

MISSED APPROACH: Climb to 5000 on track 017° to USAZY and right turn to ODIFU and on track 178° to KRNKL 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



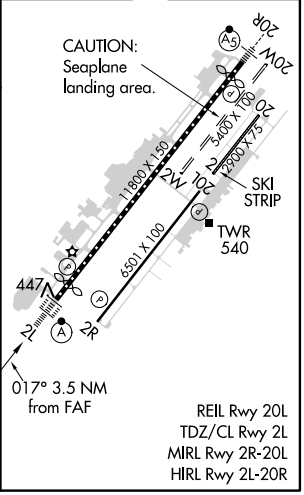


VGSI and RNAV glidepath not coincident
(VGSI Angle 3.00/TCH 73).

CATEGORY	A	B	C	D
RNP 0.15 DA*		749/24	310 (400-½)	
RNP 0.30 DA#		837/45	398 (400-⅞)	
RNP 0.30 DA		899/50	460 (500-1)	

AUTHORIZATION REQUIRED

ELEV 439 | D | TDZE 439

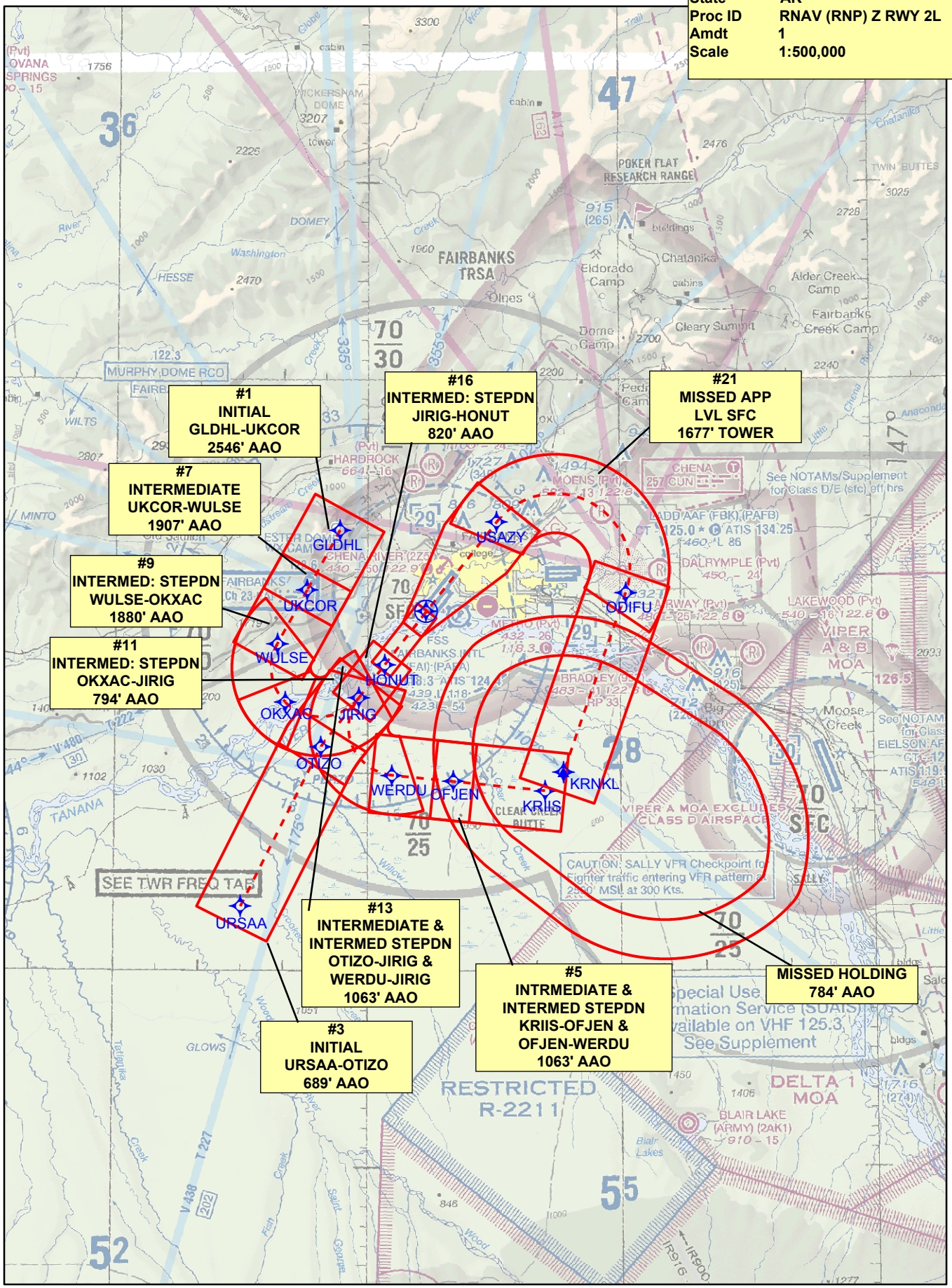


REIL Rwy 20L
TDZ/CL Rwy 2L
MIRL Rwy 2R-20L
HIRL Rwy 2L-20R

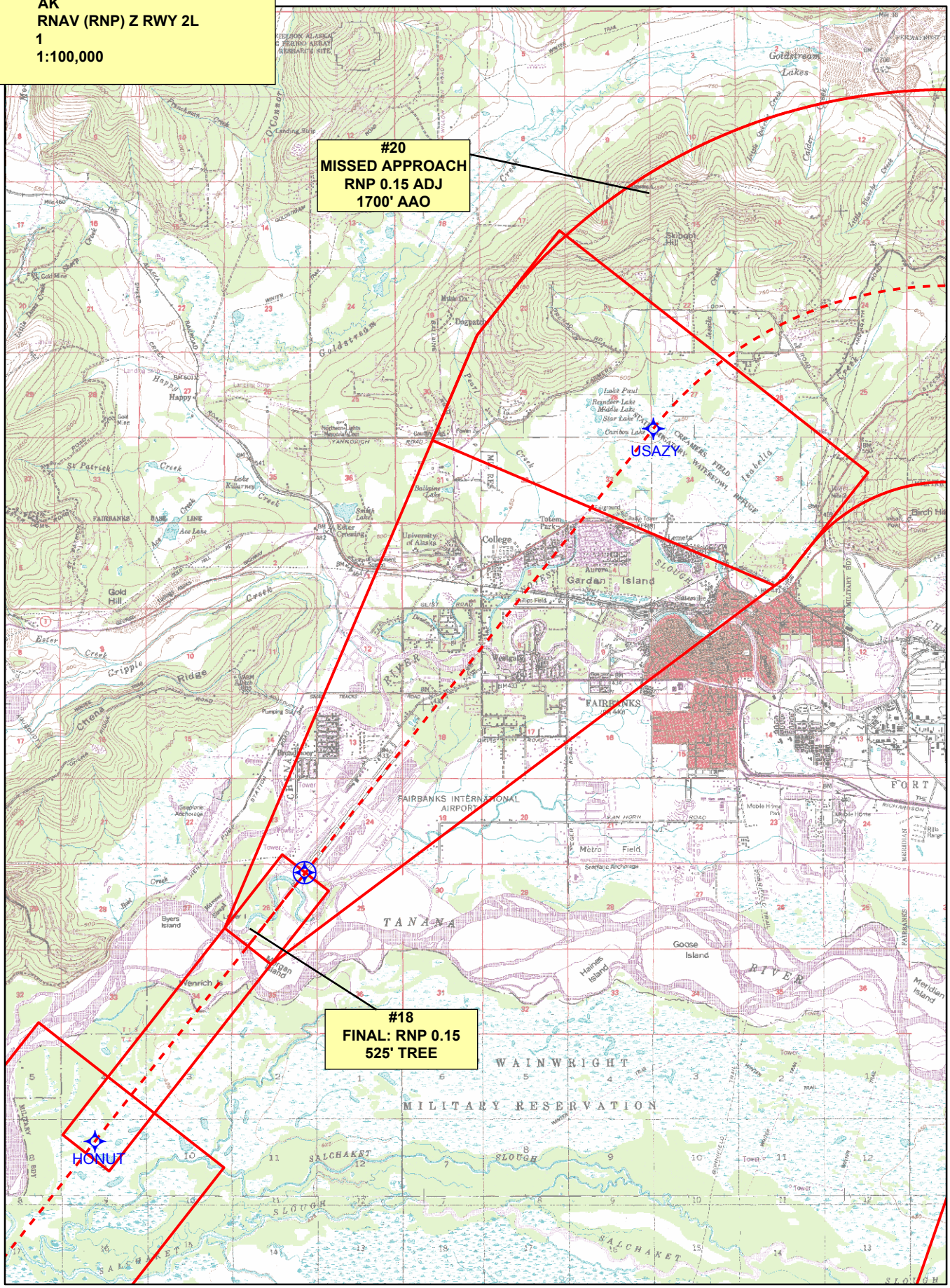
AK, 05 JAN 2017 to 02 MAR 2017

AK, 05 JAN 2017 to 02 MAR 2017

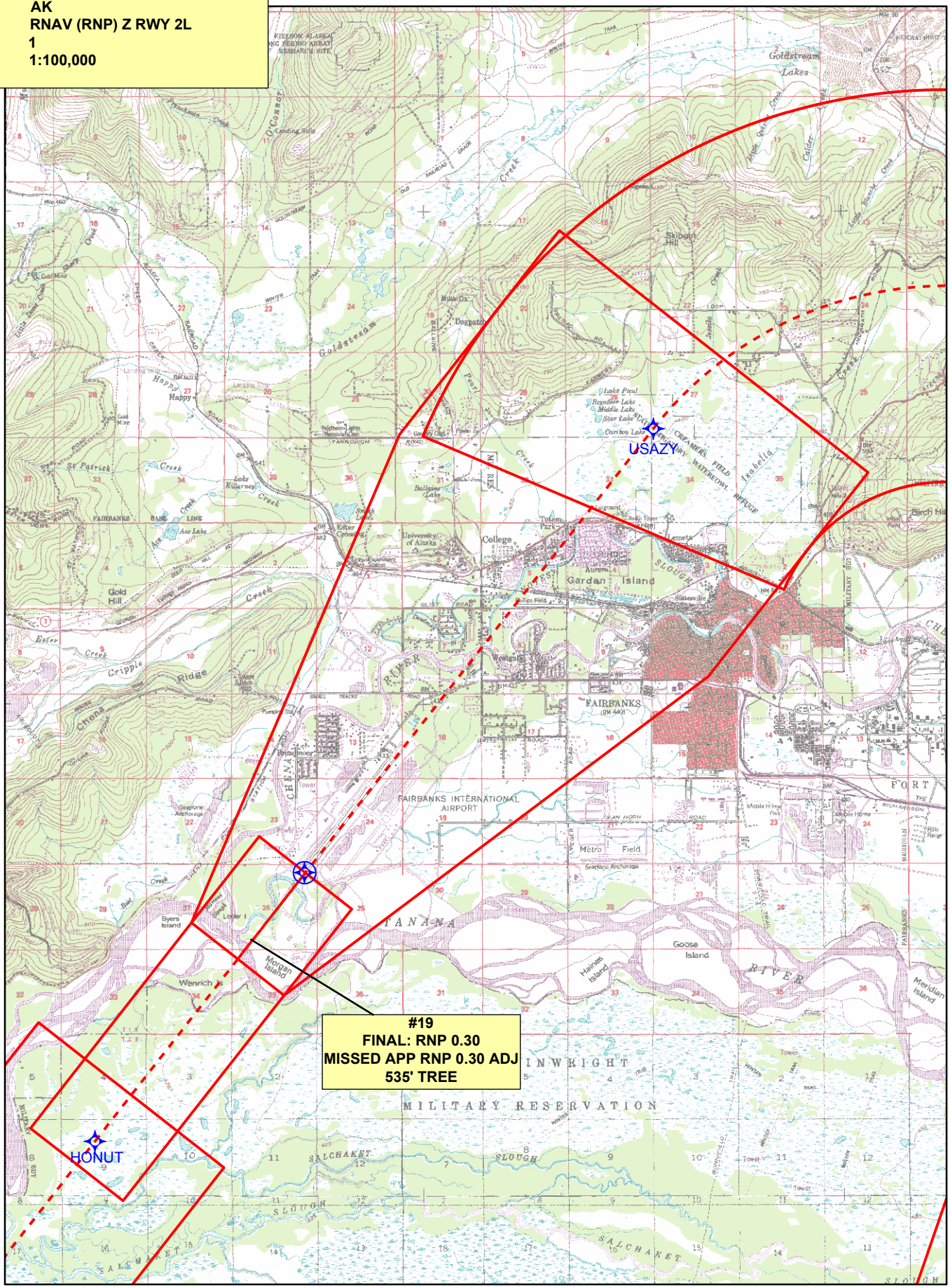
Airport ID	PAFA
Apt Name	FAIRBANKS INTL
City	FAIRBANKS
State	AK
Proc ID	RNAV (RNP) Z RWY 2L
Amdt	1
Scale	1:500,000



Airport ID	PAFA
Apt Name	FAIRBANKS INTL
City	FAIRBANKS
State	AK
Proc ID	RNAV (RNP) Z RWY 2L
Amdt	1
Scale	1:100,000



Airport ID	PAFA
Apt Name	FAIRBANKS INTL
City	FAIRBANKS
State	AK
Proc ID	RNAV (RNP) Z RWY 2L
Amdt	1
Scale	1:100,000



TERMINAL AIRSPACE DATA REQUIREMENTS

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

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

PROCEDURE: **RNAV (RNP) Z RWY 2L** AMDT: **1**

DOCKET#: **NOT REQUIRED**
(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 **3.17**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **037.97**
4. High Terrain in **FINAL** segment containing 1000' point **460**
5. Distance from **THLD** to 1500' point **5.05**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **1.20**
7. True Course of **INTERMEDIATE** segment containing 1500' point **037.93**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **620**
9. Threshold Coordinates (if straight-in) … *** 644809.48N / 1475309.18W**
10. ARP Coordinates …… **644854.40N / 1475123.20W**
11. Runway Approach End and distance furthest from ARP ……. RWY **2L**
    Distance **1.07** NM
12. FAF Coordinates …….. **644531.36N / 1475758.87W**

REMARKS: Approach/Drawing attached.

*** THLD DISPLACED 750FT**

1500 FT POINT OCCURS BETWEEN INTERMEDIATE STEPDOWN FIX JIRIG AND FAF HONUT

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
CATEGORICAL EXCLUSION DECLARATION

Fairbanks International Airport

RNAV (RNP) Z Runway 02L AMDT 1
RNAV (RNP) Z Runway 20R AMDT 1

Description of Action:

The FAA is proposing to amend the Area Navigation (RNAV) Required Navigation Performance (RNP) Z Runway (RWY) 02L and RNAV (RNP) RWY 20R approach procedures to Fairbanks International Airport (PAFA) in Fairbanks, Alaska.

For the RNAV (RNP) Z RWY 02L AMDT 1, criteria changes require that the initial leg not be greater than 15 miles in length; waypoints will be moved westward to reduce the leg lengths. The RNP values will be reduced. For the RNAV (RNP) Z RWY 20R AMDT 1, fixes are being moved westward due to terrain. Ground tracks remain essentially the same and altitudes do not change.

The Aviation Environmental Screening Tool Lateral Movement Test (LAT) was used to conduct a noise prescreening evaluation. The results of the LAT test indicated that potential noise impacts are not expected due to the lateral movement of the fixes further noise screening is not required.

Declaration of Exclusion:

The FAA has reviewed the above referenced proposed action and it has been determined, by the undersigned, to be categorically excluded from further environmental documentation according to FAA Order 1050.1F, "Environmental Impacts: Policies and Procedures." The implementation of this action will not result in any extraordinary circumstances in accordance with FAA Order 1050.1F.

Basis for this Determination:

The Aircraft Procedure Environmental Pre-Screening Filter was processed and reviewed by the Western Service Center. This review was conducted in accordance with policies and procedures in Department of Transportation Order 5610.1C, "Procedures for Considering Environmental Impacts" and FAA Order 1050.1F.

The applicable categorical exclusion is:

5-6.5.i. Establishment of new or revised air traffic control procedures conducted at 3,000 feet or more above ground level (AGL); procedures conducted below 3,000 feet AGL that do not cause traffic to be routinely routed over noise sensitive areas; modifications to currently approved procedures conducted below 3,000 feet AGL that do not significantly increase noise over noise sensitive areas; and increases in minimum altitudes and landing minima.

Recommended by:

Facility Manager Review/Concurrence

Signature: _____ Date: 8/17/16
Name: Joseph Winingar
Air Traffic Manager,
Fairbanks Air Traffic Control Tower, FAI

Concurrence by:

Western Service Area Environmental Specialist

Signature: _____ Date: August 17, 2016
Name: Augustin Moses
Environmental Specialist, Operations Support Group,
Western Service Center, AJV-W22

Approval by:

Western Service Area Director or Designee Approval

Signature: Paul D. Garcia Jr. Date: 8/17/16
Name: for Kim Stover
Director, Air Traffic Operations, North,
Western Service Area, AJTWN