

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> PAFA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 20R	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> FAIRBANKS	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 439	<u>TDZE</u> 439	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 20R	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 11/08/2018	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 133/30 CW 274/30	NOPT	133/10 CW 274/10		7000
2. 133/10 CW 274/10		ZUREP	IF/IAF	4900
3. 274/30 CW 023/30		274/8 CW 023/8		5600
4. 274/8 CW 023/8		KUPGE	IAF	4900
5. 023/30 CW 133/30		023/8 CW 133/8		5500
6. 023/8 CW 133/8		MEKAE	IAF	4900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
KUPGE	IAF	ZUREP	NOPT	TF	FB	1.00	273.68	8.00	4900
MEKAE	IAF	ZUREP	NOPT	TF	FB	1.00	133.26	8.00	4900
ZUREP	IF/IAF	ROPEE		TF	FB	1.00	203.41	2.94	4000
ROPEE		CIGNI		TF	FB	1.00	203.35	2.94	3400
CIGNI	FAF	HOVMO/5.00 NM TO RW20R		TF	FB	0.30	203.28	4.12	
HOVMO/5.00 NM TO RW20R		RW20R	MAP	TF	FO	0.30	203.28	5.00	
RW20R	MAP	639 MSL		CA			203.28		
639 MSL		JOTUG		DF	FO	1.00			3000



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW20R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JOTUG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD NE ZUREP, LT, 203.41 INBOUND, 4900 FT. IN LIEU OF PT (IAF), MAX 5000.

3. FAC: 203.28 FAF: CIGNI DIST FAF TO MAP: 9.12 DIST FAF TO THLD: 9.12

4. MIN ALT: ZUREP 4900, ROPEE 4000, CIGNI 3400, HOVMO/5.00 NM TO RW20R 2060*

5. DIST TO THLD FROM FAF: 9.12 MM: IM: 150 HAT: 200 HAT: 0.45 GS ANT:

6. MIN GP INCPT: 3400 GP ALT AT FAF : CIGNI 3400 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 55.7

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA W OF RWY 02L-20R.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING NA TO RWYS 2W AND 20W.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C OR ABOVE 54C.
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF TD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

1758 AAO 645613.12N/1473544.43W.
CHART FAS OBST: 630 TOWER (02-020202) 645147N/1474515W.
HOLD SW, RT, 022.78 INBOUND.
CHART VDP AT 1.59 NM TO RW20R.
WAAS CHANNEL # 58329
REFERENCE PATH ID: W20B
CHART CIRCLING ICON.
LTP HAE: 143.2 M



MINIMUMS:

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

ALTERNATE: NA ☐

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/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	1 1/4	581	1020	1 1/4	581			
CIRCLING	1020	1	581	1020	1	581	1020	1 3/4	581	1020	2	581			

CHANGES - REASONS

1. INCREASED ALL HEADINGS 3 DEGREES - AIRPORT MAGVAR CHANGED FROM 18E/2020 TO 15E/2025.
2. ADDED PROFILE LINE 5, DISTANCE TO THLD FROM FAF 9.12 NM - AS REQUIRED BY 8260.19 8-6-7 E
3. ADDED OBSTACLE NUMBER TO FAS OBSTACLE IN ADDITIONAL FLIGHT DATA - NEW DOCUMENTATION REQUIREMENT PER 8260.19I.
4. UPDATED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH - GPS - NEW PBN NOTE REQUIREMENTS IN 8260.19I.

COORDINATED WITH:A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZAN, FAI APP CON, AMGR, FAI ATCT**FLIGHT CHECKED BY**PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED**OFFICE****DATE****DEVELOPED BY**

JEROME A. MCCULLOUGH

Digitally signed by

JEROME A MCCULLOUGH

May 07, 2021

Digitally signed by

MARK D ADAMS

Jun 24, 2021

OFFICE

AJV-A412

DATE

02/03/2021

APPROVED BY

JULIE MORGAN

Digitally signed by

MARK D ADAMS

Jun 24, 2021

OFFICE

AJV-A410

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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	644935.1005N
LTP/FTP LONGITUDE	1475031.8200W
LTP/FTP ELLIPSOIDAL HEIGHT	+01432
FPAP LATITUDE	644809.4730N
FPAP LONGITUDE	1475309.1760W
THRESHOLD CROSSING HEIGHT (TCH)	00055.7
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	DEDF A1EC

ADDITIONAL PATH POINT RECORD INFORMATION

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



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> PAFA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 20R	<u>AMDT NO.</u> 1D	<u>CITY</u> FAIRBANKS	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 439	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
133/30 CW 274/30

TO
133/10 CW 274/10

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.AAO	653109.30N/1471927.20W		4972	1000	3	6A	2000					7000
2.TERRAIN	653109.30N/1471927.20W		4772 (4800)								AS1500	6300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
133/10 CW 274/10

TO
ZUREP

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.AAO	650207.30N/1472925.40W		2900	1000	3	6A	2000					4900
4.TERRAIN	650207.30N/1472925.40W		2700 (2700)								AS1500	4200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



LEFT BASE AREA

FROM
274/30 CW 023/30

TO
274/8 CW 023/8

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	644942.00N/1461112.00W		3583	250	3	4A	2000					5600
6.TERRAIN	644942.00N/1461112.00W		3383 (3400)								AS1500	4900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM
274/8 CW 023/8

TO
KUPGE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.AAO	650207.30N/1472925.40W		2900	1000	3	6A	2000					4900
7.TERRAIN	650203.00N/1473012.00W		2598 (2600)								AS1500	4100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM
023/30 CW 133/30

TO
023/8 CW 133/8

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.AAO	651307.10N/1480321.90W		3407	1000	3	6A	2000					5500
9.TERRAIN	651307.10N/1480321.90W		3207 (3200)								AS1500	4700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM
023/8 CW 133/8

TO
MEKAE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.AAO	650207.30N/1472925.40W		2900	1000	3	6A	2000					4900
4.TERRAIN	650207.30N/1472925.40W		2700 (2700)								AS1500	4200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM
KUPGE

TO
ZUREP

RNP	DISTANCE 8.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.AAO	650207.30N/1472925.40W		2900	1000	3	6A	1000				AT1000	4900
4.TERRAIN	650207.30N/1472925.40W		2700 (2700)								AS1500	4200

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INITIAL

FROM
MEKAE

TO
ZUREP

RNP	DISTANCE 8.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.AAO	650207.30N/1472925.40W		2900	1000	3	6A	1000				AT1000	4900
4.TERRAIN	650207.30N/1472925.40W		2700 (2700)								AS1500	4200

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



INTERMEDIATE

FROM
ZUREP (IF/IAF)

TO
ROPEE

RNP	DISTANCE 2.94	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.AAO	650207.30N/1472925.40W		2900	1000	3	6A	500				AT600	4000
4.TERRAIN	650207.30N/1472925.40W		2700 (2700)								AS1000	3700

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM
ROPEE

TO
CIGNI

RNP	DISTANCE 2.94	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.AAO	645957.00N/1473448.00W		2356	100	3	3A	500				AT544	3400
11.TERRAIN	645957.00N/1473448.00W		2156 (2200)								AS1000	3200

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:



FINAL: LPV

FROM
CIGNI

TO
RW20R

RNP	DISTANCE 9.12	PAT	MAP DA	HAT 200	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				639

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
CIGNI

TO
RW20R

RNP	DISTANCE 9.12	PAT	MAP DA	HAT 709	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
14.TOWER (02-020190)	645017.22N/1474822.30W		573	20	3	1A		23.77:1				1148

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV

FROM
CIGNI

TO
HOVMO/5.00 NM TO RW20R

<u>RNP</u>	<u>DISTANCE</u> 4.12	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
12.AAO	645458.14N/1474101.20W		1649	50	3	2A	250				XL156	2060

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
HOVMO/5.00 NM TO RW20R

TO
RW20R

<u>RNP</u>	<u>DISTANCE</u> 5.00	<u>PAT</u>	<u>MAP</u> RW20R	<u>HAT</u> 581			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
13.TOWER (02-020202)	645147.49N/1474515.34W		630	20	3	1A	250				XP140	1020

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

XP 140 FT TO MAINTAIN CURRENT FIX MINIMUMS SINCE THE SAME EXACT OBSTACLE ID WAS UPDATED AND MSL VALUE REDUCED.



HOLD-IN-LIEU OF PT

FROM
ZUREP

TO
P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.AAO	650207.30N/1472925.40W		2900	1000	3	6A	1000				AT840 PR160	4900
4.TERRAIN	650207.30N/1472925.40W		2700 (2700)								AS1500	4200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM
DA

TO
JOTUG

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 471					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				3000
15.AAO	643057.00N/1480754.00W		712	164	98	4E	1000					1800
16.TERRAIN	643057.00N/1470754.00W		512 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

PAFA

PROCEDURE NAME

RNAV (GPS) Y RWY 20R

AMDT NO.

1D

CITY

FAIRBANKS

STATE

AK

AIRPORT ELEVATION

439

FACILITY

RNAV

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

JOTUG

RNP

DISTANCE

PAT

MAP

HAT

HMAS

987

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
15.AAO	643057.00N/1480754.00W	712	164	98	4E	1000					1800
16.TERRAIN	643057.00N/1470754.00W	512 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW20R

TO

JOTUG

RNP

DISTANCE

PAT

MAP

HAT

HMAS

920

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
15.AAO	643057.00N/1480754.00W	712	164	98	4E	1000					1800
16.TERRAIN	643057.00N/1470754.00W	512 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
14.TOWER (02-020190)	645017.22N/1474822.30W	1.30	581	573	20	3	1A	300		SI	1020
CATEGORY B											
14.TOWER (02-020190)	645017.22N/1474822.30W	1.82	581	573	20	3	1A	300		SI	1020
CATEGORY C											
17.TOWER (02-023015)	645015.61N/1474514.91W	2.86	581	598	50	20	2C	300		SI	1020
CATEGORY D											
18.AAO	644806.46N/1474152.77W	3.74	581	709	50	20	2C	300			1020

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

VEGETATION USED: 60 FT.

ORDER 8260.3 CHAPTER 2 APPLIED TO: 1758 AAO 645613.12N/1473544.43W.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZAN ARTCC, FAI APP CON, FAI TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> PAFA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PAFA	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:
NO SUITABLE BACK-UP ALTIMETER SOURCE.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW2R - MIRL, PAPI-4L			
RW20L - MIRL, REIL, PAPI-4L			
RW2L - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L		PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW20R - MALSR, HIRL, C/LINE, PAPI-4L		PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 438.9	<u>TCH</u> 55.7	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 73.9
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	750
ON CENTERLINE	☒	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -18C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -40C	<u>APT ISA</u> +14.13C
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2013-2017).
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 960 HIGH TEMP 1267.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID PAFA	PROCEDURE NAME RNAV (GPS) Y RWY 20R	AMDT NO. 1D	CITY FAIRBANKS	STATE AK	AIRPORT ELEVATION 439	FACILITY RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.99
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.87
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	218.28
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1400
DISTANCE FROM	THLD	TO 1500FT POINT	11.63
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.15
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	218.41
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2700

THRESHOLD
COORDINATES
(IF STR-IN)

644935.10N/1475031.82W

ARP COORDINATES

644854.40N/1475123.20W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 2L DISTANCE 1.07 NM

FAF
COORDINATES

645643.99N/1473718.16W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED. APPROACH/DRAWING ATTACHED.
THLD DISPLACED 750FT, ACTUAL COORDINATES: 644940.91N/1475021.13W.

QUALITY
8
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> JEROME A. MCCULLOUGH	<u>OFFICE</u> AJV-A412	<u>DATE</u> 02/03/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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