

**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 2L	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> FAIRBANKS	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 439	<u>TDZE</u> 439	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 2L	<u>ORIGINAL/AMENDMENT</u> 1B	<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> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 316/30 CW 089/30	NOPT	316/20 CW 089/20		5500
2. 316/20 CW 089/20		BRMST	IF/IAF	3800
3. 089/30 CW 203/30		KURLL	IAF	5500
4. 203/30 CW 316/30		SWEPR	IAF	5600

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SWEPR	IAF	BRMST	NOPT	TF	FB	1.00	316.40	7.55	3800
KURLL	IAF	BRMST	NOPT	TF	FB	1.00	089.23	7.56	3800
BRMST	IF/IAF	RIMSE		TF	FB	1.00	022.77	3.50	3400
RIMSE		CACHE		TF	FB	1.00	022.84	4.49	2100
CACHE	FAF	ORACE/1.70 NM TO RW2L		TF	FB	0.30	022.94	3.35	
ORACE/1.70 NM TO RW2L		RW2L	MAP	TF	FO	0.30	022.94	1.70	
RW2L	MAP	639 MSL		CA			022.94		639
639 MSL		ELACA		DF	FO	1.00			4900



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW2L

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 4900 DIRECT ELACA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4900.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SW BRMST, RT, 022.77 INBOUND, 3800 FT. IN LIEU OF PT (IAF), MAX 9000.					
3. FAC: 022.94	FAF: CACHE		DIST FAF TO MAP: 5.05		DIST FAF TO THLD: 5.05
4. MIN ALT: BRMST 3800, RIMSE 3400, CACHE 2100, ORACE/1.70 NM TO RW2L 1020*					
5. DIST TO THLD FROM FAF: 5.05	MM:	IM:	150 HAT:	200 HAT: 0.46	GS ANT:
6. MIN GP INCPT: 2100	GP ALT AT FAF :	CACHE 2100		OM:	MM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.9		IM:
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA W OF RWY 2L-20R.
CHART NOTE: CIRCLING NA TO RWYS 2W AND 20W.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C OR ABOVE 54C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CAT C/D VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 535 TREE (02-123759) 644735N/1475418W.
HOLD NE, RT, 203.44 INBOUND.
CHART VDP AT 0.91 NM TO RW02L.
WAAS CHANNEL # 57915
REFERENCE PATH ID: W02B
CHART CIRCLING ICON.
LTP HAE: 142.4 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	1800	200	639	1800	200	639	1800	200	639	1800	200			
LNAV/VNAV DA	720	2400	281	720	2400	281	720	2400	281	720	2400	281			
LNAV MDA	800	2400	361	800	2400	361	800	4000	361	800	4000	361			
CIRCLING	880	1	441	900	1	461	900	1 1/2	461	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 5.05 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, AMGR, FAI ATCT, FAI APP CON**FLIGHT CHECKED BY**PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

Digitally signed by

DEVELOPED BY

JEROME A. MCCULLOUGH

Digitally signed by

JEROME A MCCULLOUGH

MARK D ADAMS

Jun 24, 2021

OFFICE**OFFICE**

AJV-A412

DATE**DATE**

02/03/2021

APPROVED BY

JULIE MORGAN

Digitally signed by

MARK D ADAMS

Jun 24, 2021

OFFICE

AJV-A410

DATE**TITLE**
MANAGERQUALITY
8
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAFA
RUNWAY	RW02L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02B
LTP/FTP LATITUDE	644815.2885N
LTP/FTP LONGITUDE	1475258.5115W
LTP/FTP ELLIPSOIDAL HEIGHT	+01424
FPAP LATITUDE	644940.9060N
FPAP LONGITUDE	1475021.1100W
THRESHOLD CROSSING HEIGHT (TCH)	00055.9
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	 DCD37231

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+01329
FPAP ORTHOMETRIC HEIGHT	+01329

