

**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) RWY 2R	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> FAIRBANKS	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 439	<u>TDZE</u> 433	<u>SUPERSEDED</u> RNAV (GPS) RWY 2R	<u>ORIGINAL/AMENDMENT</u> 1A	<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. 313/30 CW 093/30	NOPT	313/15 CW 093/15		5400
2. 313/15 CW 093/15		DOUGE	IF/IAF	3700
3. 093/30 CW 203/30		GGOAT	IAF	5200
4. 203/30 CW 313/30		EELLK	IAF	5800

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GGOAT	IAF	DOUGE	NOPT	TF	FB	1.00	092.52	8.00	3700
EELLK	IAF	DOUGE	NOPT	TF	FB	1.00	312.94	8.00	3700
DOUGE	IF/IAF	EBTOC		TF	FB	1.00	022.79	6.89	2100
EBTOC	FAF	TUXTY/1.60 NM TO RW2R		TF	FB	0.30	022.94	3.51	
TUXTY/1.60 NM TO RW2R		RW2R	MAP	TF	FO	0.30	022.94	1.60	
RW2R	MAP	683 MSL		CA			022.94		
683 MSL		FALUX		DF	FO				4900



MISSED APPROACH**MAP:**

LPV: DA
LNAV/VNAV: DA
LNAV: RW2R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4900 DIRECT FALUX 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 DOUGE, RT, 022.79 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 10000.					
3. FAC:	022.94	FAF: EBTOC	DIST FAF TO MAP: 5.11		DIST FAF TO THLD: 5.11
4. MIN ALT: DOUGE 3700, EBTOC 2100, TUXTY/1.60 NM TO RW2R 980*					
5. DIST TO THLD FROM FAF:	5.11	MM:	IM:	150 HAT:	250 HAT: 0.66
GS ANT:					
6. MIN GP INCPT:	2100	GP ALT AT FAF :	EBTOC 2100	OM:	MM:
IM:					
7. GP ANGLE:	3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 40.0	
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: RWY 2R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C OR ABOVE 54C.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 535 TREE (02-068245) 644702N/1475236W.
HOLD NE, RT, 203.46 INBOUND.
CHART VDP AT 1.02 NM TO RW02R.
WAAS CHANNEL # 53612
REFERENCE PATH ID: W02A
CHART CIRCLING ICON.
LTP HAE: 141.5 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	683	7/8	250	683	7/8	250	683	7/8	250	683	7/8	250			
LNAV/VNAV DA	731	1	298	731	1	298	731	1	298	731	1	298			
LNAV MDA	800	1	367	800	1	367	800	1	367	800	1	367			
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 DISTANCE TO THLD FROM FAF 5.11 NM - 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.
5. MISSED APPROACH HOLDING DIRECTION CHANGED FROM N TO NE - RESULT OF AIRPORT MAGVAR CHANGE FROM 18E/2020 TO 15E/2025.

COORDINATED WITH:A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAN, AIRPORT MANAGER, FAI APP CON, 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 27, 2021

Digitally signed by

MARK D ADAMS

Jun 24, 2021

OFFICE

AJV-A412

DATE

02/09/2021

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	RW02R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	644800.8635N
LTP/FTP LONGITUDE	1475232.2370W
LTP/FTP ELLIPSOIDAL HEIGHT	+01415
FPAP LATITUDE	644910.7800N
FPAP LONGITUDE	1475023.7500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5E32B5AE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+01320
FPAP ORTHOMETRIC HEIGHT	+01320

