

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</u> FAIRBANKS INTL	<u>AIRPORT ID</u> PAFA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20L	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> FAIRBANKS	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 439	<u>TDZE</u> 434	<u>SUPERSEDED</u> RNAV (GPS) RWY 20L	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 12/10/2015	<u>MAG VAR</u> 18E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 130/30 CW 271/30	NOPT	130/10 CW 271/10		7200
1. 130/10 CW 271/10		FALUX	IF/IAF	4900
2. 271/30 CW 020/30		WNMAG	IAF	5600
3. 020/30 CW 130/30		MOOSS	IAF	5400

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
WNMAG	IAF	FALUX	NOPT	TF	FB	1.00	270.73	8.00	4900
MOOSS	IAF	FALUX	NOPT	TF	FB	1.00	130.31	8.00	4900
FALUX	IF/IAF	CIPKI		TF	FB	1.00	200.46	4.48	4500
CIPKI		DONSY		TF	FB	1.00	200.36	3.46	3400
DONSY	FAF	MSKEG/5.30 NM TO RW20L		TF	FB	0.30	200.28	3.89	
MSKEG/5.30 NM TO RW20L		RW20L	MAP	TF	FO	0.30	200.28	5.30	
RW20L	MAP	684 MSL		CA			200.28		
684 MSL		DOUGE		DF	FO	1.00			3700



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW20L

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3700 DIRECT DOUGE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2.	HOLD N FALUX, RT, 200.46 INBOUND, 4900 FT. IN LIEU OF PT (IAF), MAX 9000.								
3. FAC:	200.28	FAF: DONSY	DIST FAF TO MAP: 9.19	DIST FAF TO THLD: 9.19					
4. MIN ALT:	FALUX 4900, CIPKI 4500, DONSY 3400, MSKEG/5.30 NM TO RW20L 2160*								
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.66	GS ANT:				
6. MIN GP INCPT: 3400	GP ALT AT FAF : DONSY 3400		OM:	MM:	IM:				
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 41.0						
8. MSA FROM:									

PBN REQUIREMENTS NOTE:

RNP APCH.

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 -21C OR ABOVE 54C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.27 NM TO RW20L*
*LNAV ONLY
WAAS CHANNEL #93812
REFERENCE PATH ID: W20A
CHART FAS OBST: 630 TOWER 645147N/1474515W.
HOLD S, RT, 019.79 INBOUND
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	684	7/8	250	684	7/8	250	684	7/8	250	684	7/8	250			
LNAV/VNAV DA	702	7/8	268	702	7/8	268	702	7/8	268	702	7/8	268			
LNAV MDA	880	1	446	880	1	446	880	1 3/8	446	880	1 3/8	446			
CIRCLING	880	1	441	900	1	461	900	1 1/2	461	1020	2	581			

CHANGES - REASONS

FÉADDED CHART NOTE: CIRCLING NA TO RWYS 2W AND 20W - VISUAL SURFACE AREAS NOT EVALUATED FOR OBSTACLES.
GÉUPDATED FOR UNCOMPENSATED BARO-VNAV SYSTEMS NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F) TO FORÁ
UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C OR ABOVE 54C - FAHRENHEIT NO LONGER REQUIRED.
HÉDELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - PER 8260.19H NAVSPEC REQUIREMENT.
I ÉUPDATED 8260-3 LINE 7 BY ADDING 20:1 IS CLEAR AND UPDATED 34:1 ØÚUT ÁS NOT CLEAR TO 34:1 IS CLEAR - NO VISUAL SURFACE PENETRATIONS EXIST IN CATS A/B VISUAL
AREAS.
Í ÉUPDATED 8260-3 LINE 2 MAX ALTITUDE FROM 17500 TO 9000 - EXCESSIVE HOLDING ALTITUDE NOT REQUIRED.



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
FAIRBANKS INTL	PAFA	RNAV (GPS) RWY 20L	1A	FAIRBANKS	AK
COORDINATED WITH:					
A4A <input checked="" type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input checked="" type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> OTHER: ZAN, AIRPORT MANAGER, FAI ATCT, FAI APP CON.					
FLIGHT CHECKED BY					
FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.					
DEVELOPED BY					
SYLVAN DRAKES					
APPROVED BY					
PATRICK MULQUEEN					

OFFICE	Digitally signed by	DATE
	DAVID TEFFETELLER	Aug 31, 2018

OFFICE	DATE
AJV-5433	07/12/2018

OFFICE	DATE	TITLE
AJV-5430	Aug 31, 2018	MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAFA
RUNWAY	RW20L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	644851.2385N
LTP/FTP LONGITUDE	1475059.6665W
LTP/FTP ELLIPSOIDAL HEIGHT	+01415
FPAP LATITUDE	644741.3210N
FPAP LONGITUDE	1475308.1220W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
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	2D45C159

ADDITIONAL PATH POINT RECORD INFORMATION

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

