

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> PFEL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> ELIM	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 162	<u>TDZE</u> 162	<u>SUPERSEDED</u> RNAV (GPS) RWY 1	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 9E	<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. 290/30 CW 110/30	NOPT	AHCUJ	IF/IAF	4000
2. 110/30 CW 200/30		110/15 CW 200/15		5500
3. 110/15 CW 200/15		ACDAV	IAF	4500
4. 200/30 CW 290/30		ADADE	IAF	4300

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ACDAV	IAF	AHCUJ	NOPT	TF	FB	1.00	109.76	7.00	4000
ADADE	IAF	AHCUJ	NOPT	TF	FB	1.00	290.16	7.00	4000
AHCUJ	IF/IAF	OPPUS		TF	FB	1.00	019.97	7.11	1800
OPPUS	FAF	RW1		TF	FO	0.30	020.09	4.97	
RW1	MAP	562 MSL		CA			020.09		
562 MSL		BIYIR		DF	FO	1.00			5000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW1

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 5000 DIRECT BIYIR AND HOLD, CONTINUE CLIMB-IN HOLD TO 5000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S AHCUJ, RT, 019.97 INBOUND, 4000 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAF: 020.09FAF: OPPUSDIST FAF TO MAP: 4.97DIST FAF TO THLD: 4.97

4. MIN ALT: AHCUJ 4000, OPPUS 1800

5. DIST TO THLD FROM OM:MM:IM:150 HAT:506 HAT: 1.41GS ANT:

6. MIN GP INCPT: 1800GP ALT AT PFAF : OPPUS 1800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 55.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING TO RWY 19 NA AT NIGHT.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 714 TREE 643655N/1621734W.  
CHART CIRCLING ICON.  
HOLD N, LT, 195.42 INBOUND.  
CHART VDP AT 2.38 NM TO RW01.  
WAAS CHANNEL # 58014  
REFERENCE PATH ID: W01A  
LTP HAE: 55.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A/B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4

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	668	1 3/8	506	668	1 3/8	506	668	1 3/8	506	668	1 3/8	506			
LNAV/VNAV DA	895	2	733	895	2	733	895	2	733	895	2	733		QUALITY 10 CHECKED	
LNAV MDA	980	1	818	980	1 1/4	818	980	2 1/2	818	980	2 1/2	818			
CIRCLING	980	1 1/4	818	1040	1 1/4	878	1040	2 1/2	878	1040	2 3/4	878			

CHANGES - REASONS

DELETED ALTIMETER SETTING NOTE - PRIMARY ALTIMETER SETTING NOTE - PRIMARY NOW LOCAL AND ON WMSCR, NO BACKUP AVAILABLE.  
MAGVAR CHANGED FROM E14 2010 TO E9 2025 - AS PER MAGVAR LETTER/AIRNAV DATA.  
FAF CHANGED FROM COGNI TO OPPUS - REQUESTED BY FPT TO REDUCE FINAL LENGTH.  
IF/IAF CHANGED FROM WUGAT TO AHCUJ - REQUESTED BY FPT TO REDUCE LENGTH OF APPROACH.  
IAF ONABE CHANGED TO ACDV AND LENGTH OF LEFT BASE SEGMENT CHANGED FROM 5NM TO 7NM - CHANGED TO ENABLE "T" INITIAL SEGMENT ALIGNED WITH NEW IF AHCUJ.  
IAF DIYAG CHANGED TO ADADE AND LENGTH O RIGHT BASE SEGMENT CHANGED FROM 5 NM TO 7NM - CHANGED TO ENABLE "T" INITIAL SEGMENT ALIGNED WITH NEW IF AHCUJ.  
TCH CHANGED FROM 40 TO 55FT - UPDATED TO MEET NEW APPROACH PROFILE.  
FINAL APPROACH FAF ALTITUDE CHANGED FROM 2500 TO 1800 AND LENGTH CHANGED FROM 7.1NM TO 4.97 - DUE TO SHORTENED FINAL/FPT REQUEST.  
IF/IAF SEGMENT LENGTH CHANGED FROM 10 NM TO 7.11 FROM AHCUJ TO OPPUS/DELET STEPDOWN FIX - SEGMENT LENGTH REDUCED REQUIRING NEW FIX'S TO MEET FPT REDUCED LENGTH REQUEST.  
CHANGED MISSED APPROACH INSTRUCTION FROM "CLIMB TO 5000 DIRECT AJABU AND VIA TRACK 015 TO BIYIR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" TO "CLIMB TO 5000 DIRECT BIYIR AND HOLD, CONTINUE CLIMB-IN HOLD TO 5000" - CHANGED TO DELETE UN-NECESSARY FIX AJABU.  
TAA UPDATED STRAIGHT AREA FROM RADIAL 105/285 TO RADIALS 290 CW 110. LEFT BASE UPDATED FROM 105 CW 195 TO RADIALS 110 CW 200 AND REDUCED FROM 5600 TO 5500, STEPDOWN AREA CHANGED FROM 20NM AT 4500FT TO 15 MILES AT 4500FT. RIGHT BASE UPDATED FROM 195 CW 285 TO 200 CW 290 - ALL TAA SEGMENTS - UPATED TO ALIGN WITH NEW IAF'S.  
MINIMA CHANGED, LPV CAT A DA/HAT CHANGED FROM 666/504 VIS 1 3/4 TO 668/506 VIS 1 3/8, LNAV/VNAV DA/HAT CHANGED FROM 1494/1332 VIS OF 5 TO 895/733 VIS 2, LNAV MDA/HAT CHANGED FROM 1120/958 CAT A VIS 1 1/4 CAT B VIS 1 1/2 TO 980/818 CAT A VIS 1 CAT B VIS 1 1/4, CIRCLING CAT A CHANGED FROM 1120 VIS 1 1/4 CAT B 1120 1 1/2 TO 980 1 1/4 CAT B 1040 1 1/4. ADDED CATEGORY C/D MINIMA - UPDATED CRITERIA/TRAP SIZES AND OBSTACLE CHANGES DROVE MINIMA CHANGES AND NEW CAT AIRCRAFT AS PER FPT REQUEST.  
ADD PBN REQUIREMENTS NOTE: RNP APCH - GPS. - UPDATED CRITERIA.  
CHART VDP AT 2.38 - VDP NOT PREVIOUSLY CHARTED.  
ADD CHART CIRCLING ICON - UPDATED CRITERIA.  
UPDATE FAS CHARTED OBSTACLE REMOVE PREVIOUS FROM "228 TREE (02-028507)" TO "714 TREE 643655N/1621743W - NEW AAO DROPPED/INTRODUCED NEW CONTROLLER.  
DELETE NOTE: BARO-VNAV NA - UPDATED DUE TO ALTIMETER SOURCE LOCATED ON STATION.  
DELETE NOTE: DME/DME RNP-0.3 NA - PER .58 CRITERIA.  
CHANGE HAT TO 506: 1.41 - REWORKED/UPDATED FINAL LENGTH WITH NEW FAS OBSTACLES.  
ADDED ALTERNATE MINIMUMS: CAT A/B 900-2, CAT C 900-2 1/2, CAT D 900 - 2 3/4 - NEW CAT C/D AND A REDUCTION IN HAT/SM VIS.  
CRC REMAINDER CHANGED FROM "917F5C18" TO "EAE0BD66" - UPDATED DUE TO FPAP/TCH CHANGES.  
DELETE NOTE: "CHART KOYUK AWOS 3" - NO SUITABLE REMOTE SYSTEM UTILIZED.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAN, AK DOT/FP CONT REG.

FLIGHT CHECKED BY

MATTHEW R BUFORD

Digitally signed by

ALLAN WILL

May 04, 2022

OFFICE

FPO

DATE

05/02/2022

DEVELOPED BY

ALLAN WILL (TODD DAMRON)

Digitally signed by

TODD V DAMRON

Mar 21, 2022

OFFICE

AJV-A423

DATE

03/07/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by

ALLAN WILL

May 04, 2022

OFFICE

AJV-A420

DATE

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PFEL
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	643639.2975N
LTP/FTP LONGITUDE	1621632.9430W
LTP/FTP ELLIPSOIDAL HEIGHT	+00558
FPAP LATITUDE	643756.8340N
FPAP LONGITUDE	1621452.0460W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1712
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	EAE0BD66

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00492
FPAP ORTHOMETRIC HEIGHT	+00492



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

<u>AIRPORT ID</u> PFEL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>AMDT NO.</u> 1	<u>CITY</u> ELIM	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 162	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
290/30 CW 110/30

TO  
AHCUI

<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>
AAO	642754.00N/1624218.00W		1949	164	98	4E	2000					4000
TERRAIN	642506.00N/1624154.00W		1768 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM  
110/30 CW 200/30

TO  
110/15 CW 200/15

<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>
AAO	645309.00N/1622654.00W		3445	164	98	4E	2000					5500
TERRAIN	645309.00N/1622654.00W		3244 (3200)								AS1500	4700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



LEFT BASE AREA

FROM  
110/15 CW 200/15

TO  
ACDAV

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	644157.00N/1624636.00W		2490	164	98	4E	2000					4500
TERRAIN	644157.00N/1624636.00W		2290 (2300)								AS1500	3800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM  
200/30 CW 290/30

TO  
ADADE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	643524.00N/1622636.00W		2212	164	98	4E	2000					4300
TERRAIN	642954.00N/1612442.00W		1020 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

ACDAV

TO

AHCUJ

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	7.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	642757.00N/1624218.00W		1949	164	98	4E	1000				AT1051	4000
TERRAIN	642706.00N/1624306.00W		1748 (1700)								AS1500	3200

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

ADADE

TO

AHCUJ

<u>RNP</u>	<u>DISTANCE</u> 7.00	<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>
AAO	642424.00N/1622254.00W		200	164	98	4E	1000				AT2800	4000
OVERWATER	642426.50N/1622304.41W		0 (0)								AS1500	1500

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  
AHCUIJ (IF/IAF)

TO  
OPPUS

RNP	DISTANCE 7.11	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	643036.00N/1623530.00W		985	164	98	4E	500				SA-113 AT428	1800
OVER WATER	642913.80N/1622609.18W		0 (0)								AS1500	1500

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: LPV

FROM  
OPPUS

TO  
RW1

RNP	DISTANCE 4.97	PAT	MAP DA	HAT 506			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-028507)	643636.62N/1621647.21W		228	20	10	1B		34:1			AC10 MA256	668

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

OPPUS

TO

RW1

RNP	DISTANCE	PAT	MAP				HAT	HMAS				
	4.97		DA				733					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	643654.72N/1621742.60W		714	50	20	2C	161				AC20	895

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

OPPUS

TO

RW1

RNP	DISTANCE	PAT	MAP				HAT	HMAS				
	4.97		RW1				818					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	643654.72N/1621742.60W		714	50	20	2C	250					980

COMPUTATIONS

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



HOLD-IN-LIEU OF PT

FROM  
AHCUI

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
AAO	642448.00N/1624148.00W		1844	164	98	4E	1000				AT1156	4000
TERRAIN	642448.00N/1624148.00W		1643 (1600)								AS1500	3100

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  
BIYIR

RNP	DISTANCE	PAT	MAP	HAT			HMAS 366					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TERRAIN (02-028232)	643651.22N/1621708.34W		604	50	20	2C	ASC	CG/34:1				5000
AAO	644533.00N/1621018.00W		1562	164	98	4E	1000				SA-6	2600
TERRAIN	644533.00N/1621012.00W		1305 (1300)								AS1500	2800

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

SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM  
DA

TO  
BIYIR

RNP	DISTANCE	PAT	MAP	HAT			HMAS 734					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5000
AAO	644533.00N/1621018.00W		1562	164	98	4E	1000				SA-6	2600
TERRAIN	644533.00N/1621012.00W		1305 (1300)								AS1500	2800

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

MISSED APPROACH : LNAV

FROM  
RW1

TO  
BIYIR

RNP	DISTANCE	PAT	MAP	HAT			HMAS 880					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5000
AAO	644533.00N/1621018.00W		1562	164	98	4E	1000				SA-6	2600
TERRAIN	644533.00N/1621012.00W		1305 (1300)								AS1500	2800

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



AIRPORT ID

PFEL

PROCEDURE NAME

RNAV (GPS) RWY 1

AMDT NO.

1

CITY

ELIM

STATE

AK

AIRPORT ELEVATION

162

FACILITY

RNAV

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											
TREE (02-028236)	643806.29N/1621426.17W	1.30	818	581	20	10	1B	300		SI	980
CATEGORY B											
TERRAIN (02-028238)	643816.33N/1621413.96W	1.81	878	727	20	10	1B	300			1040
CATEGORY C											
TERRAIN (02-028238)	643816.33N/1621413.96W	2.84	878	727	20	10	1B	300			1040
CATEGORY D											
TERRAIN (02-028238)	643816.33N/1621413.96W	3.71	878	727	20	10	1B	300			1040

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY

10

CHECKED

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

Electronic Version

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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZAN ARTCC, OME FSS

<u>WX SERVICE</u> AWOS-3P	<u>LOCATION</u> PFEL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PFEL	<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 ALTIMETER BACK-UP AVAILABLE.

<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>
RW1 - MIRL (PCL)			
RW19 - MIRL (PCL)			

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 161.5	<u>TCH</u> 55.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -18C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -25C	<u>APT ISA</u> +14.68C
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CRITICAL TEMPERATURE REMARKS:  
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.  
DESCENT RATE (FPM): STANDARD TEMP 957 HIGH TEMP 1262.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 19		
20:1			
724 TERRAIN (02-028237) 643816.59N/1621420.42W (208.65)		727 TERRAIN (02-028238) 643816.33N/1621413.96W (205.93)	
709 TERRAIN (02-028239) 643815.50N/1621408.73W (186.05)		581 TREE (02-028236) 643806.29N/1621426.17W (117.43)	
599 TREE (02-028240) 643827.35N/1621403.52W (17.97)			

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.

TREE HEIGHTS CHANGED FROM PREVIOUS 100FT TO 35 FT - AS PER FPT CHECKLIST/REQUEST.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> PFEL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>AMDT NO.</u> 1	<u>CITY</u> ELIM	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 162	<u>FACILITY</u> 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	4.66
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.84
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	29.09
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	THLD	TO 1500FT POINT	7.08
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	28.97
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1500

THRESHOLD  
COORDINATES  
(IF STR-IN)

643639.30N/1621632.94W

ARP COORDINATES

643653.90N/1621613.90W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 1 DISTANCE 0.28 NM

FAF  
COORDINATES

643219.53N/1622209.67W

FIX NAME  
COORDINATES

REMARKS

TAA STRAIGHT-IN:  
290/30 CW 110/30 TO AHCJJ.  
TAA LEFT BASE:  
110/30 CW 200/30 TO 110/15 CW 200/15.  
TAA LEFT BASE STEPDOWN:  
110/15 CW 200/15 TO ACDVV.  
TAA RIGHT BASE:  
200/30 CW 290/30 TO ADADE.

QUALITY  
10  
CHECKED

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

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> ALLAN WILL (TODD DAMRON)	<u>OFFICE</u> AJV-A423	<u>DATE</u> 03/07/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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