

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> WASILLA	<u>AIRPORT ID</u> PAWS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> WASILLA	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 354	<u>TDZE</u> 352	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 18E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

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>
HEVEB	IAF	AVERR	NOPT	TF	FB	1.00	088.02	15.09	2500
AVERR	IF/IAF	FRIZL		TF	FB	1.00	037.97	5.00	1900
FRIZL	FAF	ZINEV/1.82 NM TO RW04		TF	FB	0.30	038.10	2.95	
ZINEV/1.82 NM TO RW04		RW04	MAP	TF	FO	0.30	038.10	1.82	
RW04	MAP	1000 MSL		CA			038.10		1000
1000 MSL		BGQ VORTAC		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT BGQ VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW AVERR, RT, 037.97 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 038.10

FAF: FRIZL

DIST FAF TO MAP: 4.77

DIST FAF TO THLD: 4.77

4. MIN ALT: AVERR 2500, FRIZL 1900, ZINEV/1.82 NM TO RW04 960*

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.64

GS ANT:

6. MIN GP INCPT: 1900

GP ALT AT FAF : FRIZL 1900

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 45.0

8. MSA FROM: RW04 9300

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 04S AND 22S.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PALMER ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HEVEB ON V436 NORTHWEST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALMER ALTIMETER SETTING AND INCREASE ALL DA 46 FEET, ALL MDA 60 FEET AND ALL VISIBILITIES 1/4 MILE.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART VDP AT 1.31 NM TO RW04*
*LNAV ONLY
WAAS CHANNEL #53636
REFERENCE PATH ID: W04A
CHART FAS OBST: 521 TREE 613313N/1493359W.
HOLD N, RT, 168.00 INBOUND
LTP HAE: 110.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.



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	602	3/4	250	602	3/4	250		NA			NA				
LNAV/VNAV DA	828	1 5/8	476	828	1 5/8	476		NA			NA				
LNAV MDA	780	1	428	780	1	428		NA			NA				
CIRCLING	1000	1	646	1000	1	646		NA			NA				

CHANGES - REASONS

1. ADDED 20:1 IS CLEAR TO LINE 7 - 20:1 IS CLEAR
2. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN EQUIPMENT REQUIREMENT NOTES: RNP APCH - 8360.19H
3. ADDED CHART NOTE: CIRCLING NA TO RWY 04S AND 22S - INCORPORATING FDC NOTAM 8/7495.
4. UPDATED INTERMEDIATE RNP VALUE FROM 0.5 TO 1.0 - 8260.58A TABLE 1-2-1
5. COMBINED CHART NOTE: BARO-VNAV NA WHEN USING PALMER ALTIMETER SETTING AND VDP NA WHEN USING PALMER ALTIMETER SETTING TO BARO-VNAV AND VDP NA WHEN USING PALMER ALTIMETER SETTING. - 8260.19H 8-6-9
6. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C (-4°F) OR ABOVE 54°C (130°F). TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C. - 8260.19H 8-6-9

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN ARTCC, ANC APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

ROBERT G HAMILTON

Feb 25, 2019

Digitally signed by

ROBERT G HAMILTON

Feb 25, 2019

DEVELOPED BY

ROBERT G HAMILTON (TYLER MITCHELL)

OFFICE

AJV-A422

DATE

12/06/2018

APPROVED BY

JULIE MORGAN

OFFICE

AJV-A42

DATE

Digitally signed by

ROBERT G HAMILTON

Feb 25, 2019

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAWS
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	613407.8485N
LTP/FTP LONGITUDE	1493256.8420W
LTP/FTP ELLIPSOIDAL HEIGHT	+01108
FPAP LATITUDE	613457.2215N
FPAP LONGITUDE	1493021.9035W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1624
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	DBACE067

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+01024
FPAP ORTHOMETRIC HEIGHT	+01024

