

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 22	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> WASILLA	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 354	<u>TDZE</u> 354	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 18E <u>EPOCH YEAR</u> 2015
<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>	

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>
ZEXTU	IAF	ZALEG		TF	FB	1.00	233.26	11.34	6200
ZALEG		JODBI		TF	FB	1.00	232.14	5.00	4400
JODBI	IF	WOKNA		TF	FB	1.00	227.42	5.96	2500
WOKNA	FAF	ODUWU/1.90 NM TO RW22		TF	FB	0.30	218.39	4.09	
ODUWU/1.90 NM TO RW22		RW22	MAP	TF	FO	0.30	218.39	1.90	
RW22	MAP	1000 MSL		CA			218.39		1000
1000 MSL		BGQ VORTAC		DF	FO				3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT 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. PROFILE STARTS AT JODBI
3. FAC: 218.39 FAF: WOKNA DIST FAF TO MAP: 5.99 DIST FAF TO THLD: 5.99
4. MIN ALT: JODBI 4400, WOKNA 2500, ODUWU/1.90 NM TO RW22 1060*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.60 GS ANT:
6. MIN GP INCPT: 2500 GP ALT AT FAF : WOKNA 2500 OM: MM: IM:
7. GP ANGLE: 3.31 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 40.0
8. MSA FROM: RW22 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: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZEXTU ON V456 NORTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALMER ALTIMETER SETTING AND INCREASE ALL DA 46 FEET, MDA 60 FEET AND ALL VISIBILITIES 1/8 MILE.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART VDP AT 1.15 NM TO RW22*
*LNAV ONLY
WAAS CHANNEL #69536
REFERENCE PATH ID: W22A
CHART FAS OBST: 546 TREE 613512N/1492855W.
HOLD N, RT, 168.00 INBOUND
LTP HAE: 116.2 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	604	3/4	250	604	3/4	250		NA			NA				
LNAV/VNAV DA	821	1 1/2	467	821	1 1/2	467		NA			NA				
LNAV MDA	800	1	446	800	1	446		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. CHANGED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. - 8260.19H 8-6-11
6. COMBINED CHART NOTE: VDP NA WHEN USING PALMER ALTIMETER SETTING AND CHART NOTE BARO-VNAV NA WHEN USING PALMER ALTIMETER SETTING TO CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PALMER ALTIMETER SETTING.
7. 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

DEVELOPED BY

ROBERT G HAMILTON (TYLER MITCHELL)

OFFICE

AJV-A422

DATE

12/10/2018

Digitally signed by

ROBERT G HAMILTON

Feb 25, 2019

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	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	613428.0995N
LTP/FTP LONGITUDE	1493153.3225W
LTP/FTP ELLIPSOIDAL HEIGHT	+01162
FPAP LATITUDE	613338.7020N
FPAP LONGITUDE	1493428.1865W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.31
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1624
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5CF2DAAD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+01077
FPAP ORTHOMETRIC HEIGHT	+01077

