

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> PAWI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> WAINWRIGHT	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 45	<u>TDZE</u> 45	<u>SUPERSEDED</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 146/30 CW 326/30	NOPT	MEXIW	IF/IAF	4000
2. 326/30 CW 056/30		NEMCU	IAF	4000
3. 056/30 CW 146/30		HOPUM	IAF	4000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HOPUM	IAF	MEXIW	NOPT	TF	FB	1.00	145.92	8.00	4000
NEMCU	IAF	MEXIW	NOPT	TF	FB	1.00	326.20	8.00	4000
MEXIW	IF/IAF	TOPQI		TF	FB	1.00	236.06	7.94	1700
TOPQI	FAF	RW24	MAP	TF	FO	0.30	235.71	5.07	
RW24	MAP	295 MSL		CA			235.71		
295 MSL		OZYIB		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT OZYIB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NE MEXIW, RT, 236.06 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 7000.

3. FAC: 235.71FAF: TOPQIDIST FAF TO MAP: 5.07DIST FAF TO THLD: 5.07

4. MIN ALT: MEXIW 4000, TOPQI 1700

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.66GS ANT:

6. MIN GP INCPT: 1700GP ALT AT PFAF : TOPQI 1700OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

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}).

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 054.90 INBOUND.
FAS OBST: 270 AAO 703924N/1594733W.
CHART VDP AT 1.41 NM TO RW24.
WAAS CHANNEL # 56642
REFERENCE PATH ID: W24A
CHART CIRCLING ICON.
LTP HAE: 9.3 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	295	1	250	295	1	250	295	1	250	295	1	250			
LNAV/VNAV DA	295	1	250	295	1	250	295	1	250	295	1	250			
LNAV MDA	520	1	475	520	1	475	520	1 3/8	475	520	1 3/8	475			
CIRCLING	520	1	475	520	1	475	520	1 1/2	475	600	2	555			



CHANGES - REASONS

1. TAA: CHANGED ALL SECTOR ALTITUDES FROM “2000” TO “4000” - ALTITUDE RAISED TO ACCOMMODATE NEW IAF/HILO/MISSED APPROACH HOLDING ALTITUDES DUE TO COMMUNICATION ISSUES.
2. TERMINAL ROUTES: CHANGED HOPUM TO MEXIW, NEMCU TO MEXIW, AND 295 MSL TO OZYIB SEGMENT ALTITUDES FROM “2000” TO “4000” - ALTITUDE RAISED TO ACCOMMODATE NEW HILO/MISSED APPROACH HOLDING ALTITUDES DUE TO COMMUNICATION ISSUES.
3. MISSED APPROACH INSTRUCTIONS: CHANGED FROM “CLIMB TO 2000 DIRECT OZYIB AND HOLD” TO “CLIMB TO 4000 DIRECT OZYIB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000” - ALTITUDE RAISED DUE TO COMMUNICATION ISSUES AT 2000 FT; CLIMB-IN-HOLD NOW REQUIRED.
4. PROFILE LINE 2: CHANGED FROM “HOLD NE MEXIW, RT, 236.06 INBOUND, 2000 FT IN LIEU OF PT (IAF), MAX 6000” TO “HOLD NE MEXIW, RT, 236.06 INBOUND, 4000 FT IN LIEU OF PT (IAF), MAX 7000” - ALTITUDES RAISED DUE TO COMMUNICATION ISSUES AT 2000 FT.
5. PROFILE LINE 4: MINIMUM ALTITUDE AT MEXIW CHANGED FROM “2000” TO “4000” - ALTITUDE RAISED DUE TO COMMUNICATION ISSUES AT 2000 FT.
6. PBN REQUIREMENTS NOTE: CHANGED FROM “RNP APCH” TO “RNP APCH - GPS” - IAW 8260.19I PARA 8-6-8.B.(2).
7. UPDATED CHART NOTE: FROM “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C” TO “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C” - BASED ON STANDARD -40°C ISA DEVIATION AND IAW 8260.19I PARA 8-6-9.R.
8. ADDITIONAL FLIGHT DATA: DELETED “*LNAV ONLY” AND ASTERISK FROM VDP DISTANCE TO RWY 24 CHART NOTE - NO LONGER REQUIRED IAW 8260.19I PARA 8-6-10.M.
9. ALTERNATE MINIMUMS: CHANGED FROM “STANDARD” TO “STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE” - IAW 8260.19I PARA 8-6-11.B.(4).

COORDINATED WITH:

A4A☐ALPA☒AOPA☒APA☐HAI☐NBAA☒OTHER: ZAN, AK DOTPF

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by
JASON KRETSCHMER
Jun 07, 2023

DEVELOPED BY

JASON KRETSCHMER (JILL M. SUPPES)

Digitally signed by

JASON KRETSCHMER

Jun 07, 2023

OFFICE

AJV-A421

DATE

05/03/2023

APPROVED BY

JASON KRETSCHMER

Digitally signed by

JASON KRETSCHMER

Jun 07, 2023

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	PAWI
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	703825.2620N
LTP/FTP LONGITUDE	1595839.5875W
LTP/FTP ELLIPSOIDAL HEIGHT	+00093
FPAP LATITUDE	703751.2420N
FPAP LONGITUDE	1600246.5895W
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	1384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B556F67A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00121
FPAP ORTHOMETRIC HEIGHT	+00121

