

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> WAINWRIGHT	<u>AIRPORT ID</u> PAWI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> WAINWRIGHT	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 45	<u>TDZE</u> 45	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 12/17/2009	<u>MAG VAR</u> 12E
<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> 2020

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 146/30 CW 326/30	NOPT	MEXIW	IF/IAF	2000
2. 326/30 CW 056/30		NEMCU	IAF	2000
3. 056/30 CW 146/30		HOPUM	IAF	2000

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>
HOPUM	IAF	MEXIW	NOPT	TF	FB	1.00	145.92	8.00	2000
NEMCU	IAF	MEXIW	NOPT	TF	FB	1.00	326.20	8.00	2000
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			2000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT OZYIB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NE MEXIW, RT, 236.06 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.

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

4. MIN ALT: MEXIW 2000, TOPQI 1700

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

6. MIN GP INCPT: 1700GP ALT AT FAF : 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.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.41 NM TO RW24*
*LNAV ONLY
WAAS CHANNEL #56642
REFERENCE PATH ID: W24A
FAS OBST: 270 AAO 703924N/1594733W.
HOLD SW, RT, 054.90 INBOUND
LTP HAE: 9.3 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	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. ADDED LPV LINE OF MINIMA - LOWER MINIMUMS REQUEST BY NORTH SLOPE BOROUGH.
- 2. ADDED LNAV/VNAV MINIMA - LOWER MINIMUMS REQUESTED BY NORTH SLOPE BOROUGH.
- 3. PUBLISHED VDP - 20:1 IS CLEAR
- 4. REMOVED ALTERNATE WEATHER MINIMUMS AND MOVED TO BACK OF -9 - IAW CURRENT CRITERIA.
- 5. ALL COURSES AND RADIALS CHANGED 5 DEGREES - MAGVAR UPDATED FROM 17E 2010 TO 12 E 2020.
- 6. CHANGED PROCEDURE FROM "RNAV (GPS) RWY 23" TO "RNAV (GPS) RWY 24" - MAGVAR CHANGE.
- 7. UPDATED DME/DME NOTE TO PBN REQUIREMENTS NOTE - IAW CURRENT CRITERIA.
- 8. ADDED MAX HOLDING 6000 AT MEXIW - IAW CURRENT CRITERIA.
- 9. AMMEDED LEG DISTANCES FOR INITIALS, INTERMEDIATE AND FINAL - IAW CURRENT CRITERIA.
- 10. REMOVED ALTERNATE MINIMUMS NOTE - NO LONGER UTILIZED.
- 11. FAS OBST CHANGED FROM 89 TREE TO 270 AAO - NEW OBSTACLE SURVEY.
- 12. DELETED NOTE: "VISIBILITY REDUCTION BY HELICOPTERS NA" - VISUAL SURFACE IS CLEAR.
- 13. ADDED "CHART CIRCLING ICON" - NEW CIRCLING CRITERIA APPLIED.
- 14. DELETED VDA - PRECISION MINIMUMS ADDED.
- 15. CHANGED LINE 7 FROM "34:1 IS NOT CLEAR" TO "34:1 IS CLEAR" AND "20:1 IS CLEAR" - VISUAL SURFACES ARE CLEAR.
- 16. LNAV CAT A/B/C MDA/HAT CHANGED FROM 500/459 TO 520/475 AND CAT D FROM 600/559 TO 520/475 - NEW CONTROLLING OBST.
- CIRCLING CAT A/B/C MDA/HAA CHANGED FROM 500/459 TO 520/475 - NEW CIRCLING CRITERIA APPLIED.

COORDINATED WITH:

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

FLIGHT CHECKED BY

THOMAS E MOLOKIE

Digitally signed by
CASIMIR L TABAKA
May 02, 2019

OFFICE

FICO

DATE

5/1/19

DEVELOPED BY

LONNIE EVERHART (TYLER MITCHELL)

Digitally signed by
CASIMIR L TABAKA
May 02, 2019

OFFICE

AJV-5400

DATE

08/30/2018

APPROVED BY

LONNIE EVERHART

Digitally signed by
CASIMIR L TABAKA
May 02, 2019

OFFICE

AJV-5400

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
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

