

**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> PAWM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> WHITE MOUNTAIN	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 267	<u>TDZE</u> 267	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<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>
MOS VOR/DME		NIZUR		TF	FB	1.00	238.30	24.94	4000
EZATY		MAFIZ		TF	FB	1.00	075.68	16.24	2800
NIZUR	IAF	WOZHO	NOPT	TF	FB	1.00	257.35	9.93	2500
MAFIZ	IAF	WOZHO	NOPT	TF	FB	1.00	076.48	15.06	2500
WOZHO	IF/IAF	ZEVIX		TF	FB	1.00	347.00	3.83	1700
ZEVIX	FAF	RW33	MAP	TF	FO	0.30	332.27	4.37	
RW33	MAP	1100 MSL		CA			332.27		1100
1100 MSL		WOZHO		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2500 DIRECT WOZHO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S WOZHO, LT, 347.00 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 332.27FAF: ZEVIXDIST FAF TO MAP: 4.37DIST FAF TO THLD: 4.37

4. MIN ALT: WOZHO 2500

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

6. MIN GP INCPT: 1700GP ALT AT FAF : ZEVIX 1700OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW33 4700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EZATY ON V452 WESTBOUND, AND ARRIVALS AT MOS VOR/DME ON T270 SOUTHEAST BOUND.
CHART NOTE: CIRCLING NA NE OF RWY 15-33.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 290 TREE 644059N/1632313W.
CHART VDP AT 0.92 NM TO RW33*
*LNAV ONLY.
WAAS CHANNEL # 97743
REFERENCE PATH ID: W33A
CHART CIRCLING ICON.
LTP HAE: 87.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, 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	517	1	250	517	1	250	517	1	250		NA				
LNAV MDA	600	1	333	600	1	333	600	1	333		NA				
CIRCLING	620	1	353	720	1	453	1080	2 1/2	813		NA				



CHANGES - REASONS

1. INCORPORATED P-NOTAM FDC 4/2548.
2. CHANGED TERMINAL ROUTES FROM "WOVIB - ZEVIX" TO "MOS VOR/DME - NIZUR - WOZHO - ZEVIX" AND "EZATY - MAFIZ - WOZHO - ZEVIX" -- FPT REQUEST.
3. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3800 DIRECT JUKTI ANO HOLD" TO "CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2500 DIRECT WOZHO AND HOLD" -- FPT REQUEST.
4. CHANGED PROFILE LINE 2 FROM "HOLD SE WOVI B, LT, 332.34 INBOUND, 3900 FT. IN LIEU OF PT (IAF)" TO "HOLD S WOZHO, LT, 347.00 INBOUND, 2500 FT. IN LIEU OF PT (IF/IAF), MAX 6000" -- FPT REQUEST.
5. CHANGED PROFILE LINE 3 FROM "FAC: 332.28, DIST FAF TO MAP: 5.32, THLD: 5.32" TO "FAC: 332.27, DIST FAF TO MAP: 4.37, THLD: 4.37" -- RELOCATED PFAF.
6. CHANGED PROFILE LINE 4 FROM "MIN. ALT: WOVI B 3900, ZEVIX 2000" TO "MIN ALT: WOZHO 2500, ZEVIX 1700" -- FPT REQUEST.
7. ADDED "DIST TO THLD FROM 250 HAT: 0.66" TO PROFILE LINE 5 -- LPV ADDED TO PROCEDURE.
8. ADDED "MIN GP INCPT: 1700, GP ALT AT FAF: ZEVIX" TO PROFILE LINE 6 AND "GP ANGLE: 3.00, TCH: 40" TO PROFILE LINE 7 -- LPV ADDED TO PROCEDURE.
9. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 -- 8260.19H, 8-6-7.G(3).
10. ADDED "MSA FROM: RW33 4700" TO PROFILE LINE 8 -- TAA REMOVED PER FPT.
11. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH" -- 8260.19H, 8-6-8.B(1).
12. ADDED CHART PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT EZATY ON V452 WESTBOUND, AND ARRIVALS AT MOS VOR/DME ON T270 SOUTHEAST BOUND" -- 8260.19H, 8-2-5.E AND 8260-58A, 1-2-5.A(3).
13. MOVED BACKUP ALTIMETER NOTES TO 8260-9 REMARKS -- 8260.19H, 8-6-9.F(3).
14. ADDED CHART NOTE "CIRCLING NA NE OF RWY 15-33" -- FPT REQUEST.
15. CHANGED CHART FAS OBST FROM "325 TREE 644059N/1632313W" TO "290 TREE 644059N/1632313W" -- NEW TARGETS EVALUATION, 8260.19H, 8-6-10.C.
16. CHANGED VDP FROM "0.86" TO "0.92" IN ADDITIONAL FLIGHT DATA -- INCREASED LNAV MDA.
17. ADDED WAAS TO ADDITIONAL FLIGHT DATA -- WAAS COMPATIBLE APPROACH.
18. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA -- NEW CIRCLING CRITERIA APPLIED.
19. ADDED "LTP HAE: 75.7 M" TO ADDITIONAL FLIGHT DATA -- LPV ADDED TO PROCEDURE.
20. ADDED "CAT C 900-2 1/2" TO ALTERNATE MINIMUMS NOTE -- NEW CAT C CIRCLING.
21. ADDED LPV LINE OF MINIMA -- FPT REQUEST.
22. CHANGED LNAV MINIMUMS FROM "MDA 580/HAT 313" TO "MDA 600/HAT 333" -- NEW CONTROLLING OBSTACLE.
23. ADDED LNAV AND CIRCLING CAT C MINIMUMS -- FPT REQUEST.
24. CHANGED CIRCLING MINIMUMS CAT A FROM "MDA 820/HAT 553" TO "MDA 620/HAA 353" AND CAT B FROM "MDA 820/HAA 553" TO "MDA 720/HAA 453" -- NEW CIRCLING CRITERIA APPLIED.
25. ADDED FAS DATA -- LPV ADDED TO PROCEDURE.

09/08/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/01/20.

1. ADDITIONAL FLIGHT DATA: LTP HAE CHANGED FROM "75.7" TO "87.3".
2. FAS DATA: LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+00757" TO "+00873".
3. FAS DATA: CRC REMAINDER CHANGED FROM "3B4C8635" TO "CAF7DDAB".

COORDINATED WITH:

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

FLIGHT CHECKED BY
BRANDON VANDERSCHAAF

Digitally signed by
JASON KRETSCHMER
Apr 26, 2021

OFFICE
FICO

DATE
04/20/2021

DEVELOPED BY
JASON KRETSCHMER (DANIEL C JOHNSEN)

Digitally signed by
JASON KRETSCHMER
Nov 05, 2020

OFFICE
AJV-A422

DATE
07/01/2020

APPROVED BY
MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
Nov 05, 2020

OFFICE
AJV-A420

DATE

TITLE
MANAGER

QUALITY
16
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAWM
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	644106.8610N
LTP/FTP LONGITUDE	1632436.5405W
LTP/FTP ELLIPSOIDAL HEIGHT	+00873
FPAP LATITUDE	644232.3200N
FPAP LONGITUDE	1632532.9740W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1832
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 CAF7DDAB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00815
FPAP ORTHOMETRIC HEIGHT	+00815

