

**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> PASH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> SHISHMAREF	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 14	<u>TDZE</u> 13	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 09/01/2005	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 2025
<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. 147/30 CW 245/30	NOPT	SIPOC	IF/IAF	2500
2. 245/30 CW 327/30	NOPT	245/17 CW 327/17		3200
3. 245/17 CW 327/17		SIPOC	IF/IAF	2500
4. 327/30 CW 057/30		327/15 CW 057/15		4600
5. 327/15 CW 057/15		YAJTY	IAF	2500
6. 057/30 CW 147/30		OZAHO	IAF	2500

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OZAHO	IAF	SIPOC	NOPT	TF	FB	1.00	146.76	7.00	2500
YAJTY	IAF	SIPOC	NOPT	TF	FB	1.00	326.99	7.00	2500
SIPOC	IF/IAF	WOPIG		TF	FB	1.00	236.87	6.34	1600
WOPIG	FAF	RW23	MAP	TF	FO	0.30	236.70	4.84	
RW23	MAP	414 MSL		CA			236.70		
414 MSL		TITOC		DF	FO	1.00			2500



**MISSED APPROACH**

**MAP:**

LNAV: RW23

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 DIRECT TITOC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT                      SIDE OF COURSE                      OUTBOUND                      FT WITHIN                      MILES OF                      (IAF)
2. HOLD NE SIPOC, RT, 236.87 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAF: 236.70                      FAF: WOPIG                      DIST FAF TO MAP: 4.84                      DIST FAF TO THLD: 4.84
4. MIN ALT:    SIPOC 2500, WOPIG 1600
5. DIST TO THLD FROM OM:                      MM:                      IM:                      150 HAT:                      GS ANT:
6. MIN GP INCPT:                      GP ALT AT FAF :                      OM:                      MM:                      IM:
7. GP ANGLE:                      34:1: IS CLEAR                      20:1: IS CLEAR                      TCH:
8. MSA FROM:

**PBN REQUIREMENTS NOTE:**

RNP AR APCH - GPS.

**NOTES:**

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

**ADDITIONAL FLIGHT DATA:**

HOLD SW, RT, 056.08 INBOUND.  
 FAS OBST: 225 AAO 661635N/1655644W.  
 CHART VDP AT 1.37 NM TO RW23.  
 WOPIG TO RW23: 3.00/45.  
 CHART NOME RADIO FREQUENCY.

**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		
	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
LNAV MDA	480	1	467	480	1	467	480	1 3/8	467	480	1 3/8	467			
CIRCLING	480	1	466	480	1	466	480	1 1/2	466	580	2	566			

**CHANGES - REASONS**

1. EXTENDED BOTH INITIALS FROM 5NM TO 7NM AND RENAMED IAFS FROM ZIROD TO OZAHO, YOTUK TO YAJTY - TO MEET CURRENT INITIAL LENGTH CRITERIA.
2. MOVED SIPOC IF 2450.81 FT NE - ATC REQUEST.
3. MOVED WOPIG FAF 397.30 FT NE - TO KEEP 3.00 GPA/VDA IAW 8260.3E 2-6-3/4.
4. MOVED TITOC MAP 521.32 FT SW - ATC REQUEST.
5. CHANGED CONTROLLING OBSTACLE FOR FAS FROM 380 FT ANTENNA TO 480 FT AAO - NEW MAP STUDY.
6. CHANGED FAC FROM 229.67° TO 236.70° - ALIGN FOR STRAIGHT IN.
7. CHANGED GPA/VDA FROM 3.04 TO 3.00 - DUE TO FAC MOVING/IAW 8260.3E 2-6-3/4.
8. CHANGED LNAV DA/HAT FROM 380/368 TO 480/467 AND VISIBILITY...FROM: (C)1,(D)1-1/4...TO: (C/D)1-3/8 - NEW CONTROLLING OBSTACLES.
9. CHANGED CIRCLING DA/HAT/VIS... FROM: (A)420/408/1,(B)480/468/1,(C)480/468/1-1/2,(D)580/568/2...TO: (A)480/466/1,(B)480/466/1,(C)480/466/1-1/2,(D)580/566/2 - NEW CONTROLLING OBSTACLES.
10. UPDATED TAA RADIALS/ALTITUDES - NEW MAP STUDY/CONTROLLING OBSTACLES.
11. CHANGED DISTANCE FAF TO MAP/THLD FROM 4.78 TO 4.84 - FAC MOVED.
12. ADDED "20:1 IS CLEAR" - IAW 8260.19I.
13. REMOVED NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: "RNP AR APCH - GPS." - IAW 8260.19L.
14. CHANGED MISSED APPROACH HOLDING INBOUND RADIAL FROM 049.12 TO 056.08 - RE-ALIGNMENT OF SEGMENT.
15. CHANGED CHART VDP FROM 1.08NM TO 1.37NM - FAC MOVED.
16. CHANGED AIRPORT ELEVATION/TDZE FROM 12 TO 14 - USING PENDING AIRNAV DATA.
17. CHANGED MAGVAR FROM 14E(2005) TO 7E(2025) - USING MAGVAR TABLE.
18. UPDATED COURSE RADIALS/DISTANCES FOR TERMINAL ROUTES - RE-ALIGNMENT OF APPROACH.
19. ALTERNATE MINIMUMS CHANGED FROM "STANDARD" TO "STANDARD; NA WHEN LOCAL WEATHER NOT AVAILABLE." - IAW 8260.19I IMPLEMENTATION MEMO.
20. ADDED "FAS OBST: 225 AAO 661635N/1655644W." - IAW 8260.19I 8-6-10(C).
21. CHANGED HILPT INBOUND RADIAL FROM 229.87° TO 236.87° - RE-ALIGNMENT OF SEGMENT.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZAN, AIRPORT MANAGER

**FLIGHT CHECKED BY**

PATRICK NG

*Digitally signed by*

**JOHN BORDY**

Jul 28, 2023

*Digitally signed by*

**JOHN BORDY**

Jul 28, 2023

**OFFICE**

FPO

**DATE**

07/25/2023

**DEVELOPED BY**

ERIC N SUSKI (DEVON KERCHER)

**OFFICE**

AJV-A431

**DATE**

04/24/2023

**APPROVED BY**

JOHN BORDY

*Digitally signed by*

**JOHN BORDY**

Jul 28, 2023

**OFFICE**

AJV-A33

**DATE**

07/28/2023

**TITLE**

MANAGER

