

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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.

AIRPORT ID RDM	PROCEDURE NAME RNAV (RNP) Z RWY 23	ORIGINAL/AMENDMENT 2A	CITY REDMOND	STATE OR
AIRPORT ELEVATION 3082	TDZE 3067	SUPERSEDED RNAV (RNP) Z RWY 23	DATED 08/20/2015	MAG VAR 14E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 JUNE 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ARNOY	IAF	WURUK		TF	FB	0.70	170.59	5.36	7900
SAKKO	IAF	IGISE		TF	FB	1.00	319.69	6.45	6600
URBIA	IAF	FOVOK		TF	FB	1.00	343.78	3.52	7000
DSD VORTAC	IAF	CANAM		TF	FB	1.00	036.20	6.60	6700
WISSL	IAF	JUSLU		TF	FB	1.00	124.40	16.06	6600
CUPRI	IAF	JUSLU		TF	FB	1.00	150.54	13.76	6600
IGISE		CUXEP		RF	FB	1.00	(5.00 NM RADIUS CCW (CFBWF))	2.89	6300
FOVOK		POWEL		RF	FB	1.00	(6.20 NM RADIUS CW (CFBWD))	8.52	6600
WURUK		CAGOG		TF	FB	0.70	170.58	4.07	6200
CANAM	IF	URHAZ		TF	FB	1.00	031.58	3.07	6300
CAGOG	IF	RETDO		TF	FB	0.70	226.52	4.41	5000
POWEL	IF	JAPUV		TF	FB	1.00	062.61	3.19	6300
JUSLU	IF	JIDUT		TF	FB	1.00	097.83	4.58	6100
CUXEP	IF	FIXEV		TF	FB	1.00	286.49	3.34	5800
JAPUV		HOGEP		RF	FB	1.00	(2.88 NM RADIUS CCW (CFBWC))	3.84	6300
URHAZ		JIDUT		RF	FB	1.00	(2.61 NM RADIUS CW (CFBVW))	3.02	6100
JIDUT		YIGUS		RF	FB	1.00	(2.61 NM RADIUS CW (CFBVW))	3.30	5100
HOGEP		WUSIV		RF	FB	1.00	(3.61 NM RADIUS CCW (CFBVZ))	3.78	5100
FIXEV		WUSIV		TF	FB	1.00	286.46	2.21	5100
RETDO		ZETBU	PFAF	TF	FB	0.70	226.46	2.21	4300
YIGUS		ZETBU	PFAF	RF	FB	1.00	(2.61 NM RADIUS CW (CFBVV))	2.55	4300
WUSIV		ZETBU	PFAF	RF	FB	1.00	(2.50 NM RADIUS CCW (CFBVX))	2.62	4300
ZETBU	PFAF	RW23	MAP	TF	FO	0.30	226.42	3.77	
RW23	MAP	TIKNE		TF	FB	1.00	226.42	6.72	

QUALITY
29
CHECKED

AIRPORT ID
RDM

PROCEDURE NAME
RNAV (RNP) Z RWY 23

ORIGINAL/AMENDMENT
2A

CITY
REDMOND

STATE
OR

TIKNE		PUKAJ		RF	FB	1.00	(5.85 NM RADIUS CCW (CFBDZ))	13.90	
PUKAJ		URBIA		TF	FO	1.00	090.29	2.09	8500

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 8500 ON TRACK 226.42 TO TIKNE LEFT TURN TO PUKAJ AND ON TRACK 090.29 TO URBIA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT ZETBU
3. **FAC:** 226.42 **PFAF:** ZETBU **DIST FAF TO MAP:** **DIST FAF TO THLD:**
4. **MIN ALT:** ZETBU 4300
5. **DIST TO THLD FROM OM:** 3.77 **MM:** **IM:** **150 HAT:** **255 HAT:** 0.69 **GS ANT:**
6. **MIN GP INCPT:** 4300 **GP ALT AT PFAF:** ZETBU 4300 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 47.1
8. **MSA FROM:** RW23 11700

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS, RF. AUTHORIZATION REQUIRED. FROM ARNOY: MIN RNP 0.70.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DSD VORTAC AIRWAY RADIALS 348 CW 092.
 CHART SPEED ICON IN PLANVIEW AT URHAZ, JUSLU, CAGOG, JAPUV, AND FIXEV: MAX 180 KIAS.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.10 ALL CATS VISIBILITY TO 3/4 SM.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 306.00 INBOUND.



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												
AUTHORIZATION REQUIRED															
RNP 0.10 DA	3322	1/2	255	3322	1/2	255	3322	1/2	255	3322	1/2	255			
RNP 0.30 DA	3552	1	485	3552	1	485	3552	1	485	3552	1	485			

CHANGES - REASONS

1. UPDATED AIRPORT ELEVATION FROM "3080" TO 3082" AND TDZE FROM "3065" TO "3067" – NEW AIRNAV DATA.
2. PROFILE LINE 5: UPDATED FROM "250 HAT: 0.68" TO "255 HAT: 0.69" – NEW FINAL CONTROLLING OBSTACLE.
3. PROFILE LINE 7: ADDED "20:1 IS CLEAR" – NO PENETRATIONS EXIST.
4. PBN REQUIREMENT NOTE: DELETED "GPS REQUIRED" AND "RF REQUIRED" FROM CHART NOTES AND ADDED "RNP AR APCH – GPS, RF. AUTHORIZATION REQUIRED. FROM ARNOY: MIN RNP 0.70." – IAW 8260-19J IMPLEMENTATION MEMO.
5. NOTES: UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -20°C (-4°F) OR ABOVE 53°C (129°F)." TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16°C OR ABOVE 54°C." – IAW 8260.19J, 8-6-10.R.
6. NOTES: UPDATED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL ON DSD VORTAC AIRWAY RADIALS 352 CW 096" TO "PROCEDURE NA FOR ARRIVAL ON DSD VORTAC AIRWAY RADIALS 348 CW 092" – IAW 8260.19J, 8-2-5.G(2).
7. NOTES: DELETED CHART PLANVIEW NOTE AT ARNOY (RNP 0.70) – NO LONGER REQUIRED.
8. NOTES: UPDATED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE RNP 0.10 ALL CATS VISIBILITY TO 7/8 MILE." TO "FOR INOPERATIVE ALS, INCREASE RNP 0.10 ALL CATS VISIBILITY TO 3/4 SM." – IAW 8260.19J, 8-6-12.O(3)(D).
9. NOTES: ADDED CHART NOTE "FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/2 SM" – IAW 8260.19J, 8-6-12.O(3)(D).
10. ADDITIONAL FLIGHT DATA: DELETED "DISTANCE TO THLD FROM 250 HAT: 0.68 NM – DOCUMENTED IN PROFILE LINE 5.
11. ADDITIONAL FLIGHT DATA: DELETED "ROUTE TYPE QUALIFIER 1: F", "ROUTE TYPE: A, H", #TCH 3100.6 MSL (DO NOT CHART), AND "ROUTE TYPE QUALIFIER 2: S" – NO LONGER REQUIRED.
12. MINIMUMS: INCREASED RNP 0.10 DA/HAT ALL CATS FROM "3315/250" TO "3322/255" – NEW CONTROLLING OBSTACLE.
13. MINIMUMS: DECREASED RNP 0.30 VISIBILITY ALL CATS FROM "1 1/4" TO "1" – IAW 8260.3F, TABLE 3-3-1.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZSE, AMGR, ATA

FLIGHT CHECKED BY

Digitally signed by
ROBERT G HAMILTON
Mar 28, 2025

OFFICE

AJF

DATE

03/25/2025

DEVELOPED BY

ROBERT G HAMILTON (TODD A. RUSSELL)

Digitally signed by
ROBERT G HAMILTON
Mar 28, 2025

OFFICE

AJV-A433

DATE

01/31/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by
ROBERT G HAMILTON
Mar 28, 2025

OFFICE

AJV-A433

DATE

TITLE
MANAGER

