

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.

<u>AIRPORT ID</u> BWI	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 28	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> BALTIMORE	<u>STATE</u> MD
<u>AIRPORT ELEVATION</u> 143	<u>TDZE</u> 143	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 28	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 03/24/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 11W
				<u>EPOCH YEAR</u> 2000
				<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>
TOGAH	IAF	FETTE		TF	FB	1.00	014.90	3.21	4000
HURTZ	IAF	MCKAY		TF	FB	1.00	285.38	2.90	3000
MCKAY		SOULZ		TF	FB	1.00	285.34	2.30	2300
FINNZ	IAF	VICEP		TF	FB	1.00	194.49	4.61	3500
VICEP		SOULZ		RF	FB	1.00	(2.40 NM RADIUS CW (CFLCN))	3.81	2300
FETTE	IF	HGWTS		TF	FB	1.00	015.57	3.44	2900
HGWTS		JURTI	PFAF	RF	FB	1.00	(3.20 NM RADIUS CCW (CFLCQ))	5.04	1300
SOULZ	IF	JURTI	PFAF	TF	FB	1.00	285.31	3.28	1300
JURTI	PFAF	RW28	MAP	TF	FO	0.30	285.26	3.50	
RW28	MAP	COLUM		TF	FO	1.00	285.22	11.81	2500

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 ON TRACK 285.22 TO COLUM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT JURTI					
3. FAC: 285.26	PFAF: JURTI		DIST PFAF TO MAP:	DIST PFAF TO THLD:	
4. MIN ALT: JURTI 1300					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	378 HAT:	1.06
6. MIN GP INCPT: 1300	GP ALT AT PFAF: JURTI 1300			OM:	GS ANT:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.0		MM:
8. MSA FROM: RW28 2600					IM:



PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -11°C OR ABOVE 54°C.
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 INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 5500.
CHART SPEED ICON IN PLANVIEW AT TOGAH: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT HURTZ: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT FINNZ: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 105.05 INBOUND.
CHART MANDATORY 5000 AT TOGAH.
CHART MANDATORY 4000 AT FETTE.
CHART MANDATORY 4000 AT HURTZ.
CHART MANDATORY 3000 AT MCKAY.
CHART MANDATORY 5000 AT FINNZ.
CHART MANDATORY 3500 AT VICEP.
CHART MANDATORY 2300 AT SOULZ.
CHART MANDATORY 2900 AT HGWTS.

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	521	3500	378	521	3500	378	521	3500	378	521	3500	378			



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED IAF SEGMENTS BILIT TO ZUKBU AND ZUKBU TO HURTZ. –REDESIGN FOR NOISE ABATEMENT.
2. TERMINAL ROUTES: REMOVED IF SEGMENT HURTZ TO JURTI. – REDESIGN FOR NOISE ABATEMENT.
3. TERMINAL ROUTES: ADDED IAF SEGMENTS “TOGAH TO FETTE”, “FINNZ TO VICEP”, “VICEP TO SOULZ” “HURTZ TO MCKAY”, AND MCKAY – SOULZ”. – REDESIGN FOR NOISE ABATEMENT.
4. TERMINAL ROUTES: ADDED IF SEGMENTS “FETTE TO HGWTS”, “HGWTS TO JURTI”, AND “SOULZ TO JURTI”. – REDESIGN FOR NOISE ABATEMENT.
5. TERMINAL ROUTES: FINAL SEGMENT JURTI TO RW28 CHANGED COURSE AND DISTANCE FROM “285.30/5.70” TO “285.26/3.50” – REDESIGN FOR NOISE ABATEMENT.
6. PROFILE LINE 3: CHANGED FAC: FROM 285.30 TO 285.26. – PFAF MOVED FOR NOISE ABATEMENT.
7. PROFILE LINE 4: MIN ALT CHANGED FROM “HURTZ 2000, JURTI 2000” TO “JURTI 1300.” – REDESIGN FOR NOISE ABATEMENT.
8. PROFILE LINE 6: MIN GP INCPT: AND GP ALT AT PFAF: CHANGED FROM “2000” TO “1300”. – REDESIGN FOR NOISE ABATEMENT.
9. NOTES: REMOVED “CHART SPEED ICON IN PLANVIEW AT BILIT: MAX 250 KIAS.” – SEGMENT REMOVED.
10. NOTES: CHANGED “CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 ¼” TO “CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 5500” – NEW INOP TABLE RESULTS.
11. NOTES: REMOVED “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BILIT ON V308 EASTBOUND.” – SEGMENT REMOVED.
12. NOTES: ADDED “CHART SPEED ICON IN PLANVIEW AT TOGAH: MAX 210 KIAS”, “CHART SPEED ICON IN PLANVIEW AT FINNZ: MAX 210 KIAS”, AND “CHART SPEED ICON IN PLANVIEW AT HURTZ: MAX 210 KIAS”. – REDESIGN FOR NOISE ABATEMENT.
13. ADDITIONAL FLIGHT DATA: REMOVED “CHART MANDATORY 11000 AT BILIT.”, “CHART MANDATORY 2000 AT HURTZ.”, “CHART MANDATORY 2000 AT JURTI.” – REDESIGN FOR NOISE ABATEMENT.
14. ADDITIONAL FLIGHT DATA: ADDED “ CHART MANDATORY 4000 AT FETTE.” , “CHART MANDATORY 2300 AT SOULZ, “CHART MANDATORY 2900 AT HGWTS.”, “CHART MANDATORY 4000 AT HURTZ”, “CHART MANDATORY 3000 AT MCKAY”, “CHART MANDATORY 5000 AT TOGAH”, “CHART MANDATORY 5000 AT FINNZ”, AND “CHART MANDATORY 3500 AT VICEP”. – REDESIGN FOR NOISE ABATEMENT.
15. ADDITIONAL FLIGHT DATA: REMOVED “CHART FAS OBST: 166 TREE 391054N/0763815W.” – NOT REQUIRED 8260.19J
16. MINIMUMS: RNP 0.30 DA/HAT CHANGED VISIBILITY FROM “RVR 4500” TO “RVR 3500” – 8260.3E TABLE 3-3-1
17. PROFILE LINE 5: REMOVED “DIST TO THLD FROM OM: 5.70”. – PROCEDURE DOES NOT USE OM.
18. NOTES: CHANGED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -12C OR ABOVE 54C" TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -11C OR ABOVE 54C - NEW 5 YEAR TEMPERATURE STUDY.
19. NOTES: ADDED CHART PROFILE NOTE : SEE PLANVIEW FOR MULTIPLE IF LOCATIONS - 8260.19J 8-6-7.B.(3).(B).

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZDC, PCT TRACON, BWI TOWER, AMGR

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by

ERIC N SUSKI

Jul 25, 2024

OFFICE

FPO

DATE

07/23/2024

DEVELOPED BY

ERIC N SUSKI (ZACHARY KRUEGER)

Digitally signed by

ERIC N SUSKI

Jun 13, 2024

OFFICE

AJV-A431

DATE

03/04/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

Jun 13, 2024

OFFICE

AJV-A431

DATE

TITLE

MANAGER

