

**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 10	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> BALTIMORE	<u>STATE</u> MD
<u>AIRPORT ELEVATION</u> 143	<u>TDZE</u> 143	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 10	<u>ORIGINAL/AMENDMENT</u> 2D	<u>DATED</u> 09/08/2022
<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>
REMMY	IAF	COLUM		TF	FB	1.00	104.98	5.88	3000
COLUM	IAF	EFFYS		TF	FB	1.00	105.06	3.19	2300
ANCRR	IF	BEGUE		TF	FB	1.00	310.77	2.99	4000
BEGUE		CATVI		RF	FB	1.00	(3.46 NM RADIUS CW (CFBBX))	3.15	3500
CATVI		VOBIH		TF	FB	1.00	002.94	2.29	2800
VOBIH		JEANS		RF	FB	1.00	(2.31 NM RADIUS CW (CFBBZ))	4.12	1500
EFFYS	IF	JEANS		TF	FB	1.00	105.10	3.00	1500
STRPS	IF	DEDLE		TF	FB	1.00	193.67	4.22	3000
DEDLE		EDMEF		RF	FB	1.00	(2.25 NM RADIUS CCW (CFFGQ))	3.48	2000
EDMEF		JEANS		TF	FB	1.00	105.00	1.79	1500
JEANS	PFAF	RW10	MAP	TF	FO	0.30	105.14	4.09	
RW10	MAP	HURTZ		TF	FO	1.00	105.20	13.51	2500

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2500 ON TRACK 105.20 TO HURTZ AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT JEANS														
3.	FAC:	105.14	PFAF:	JEANS	DIST PFAF TO MAP:	DIST PFAF TO THLD:									
4.	MIN ALT:	JEANS 1500													
5.	DIST TO THLD FROM PFAF:	4.09	MM:	IM:	150 HAT:	301 HAT:	0.78	GS ANT:							
6.	MIN GP INCPT:	1500	GP ALT AT PFAF:	JEANS 1500		OM:		MM:		IM:					
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	54.8							
8.	MSA FROM:	RW10 2600													

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -11°C OR ABOVE 54°C.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.11 ALL CATS VISIBILITY TO RVR 4500, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 SM.

CHART SPEED ICON IN PLANVIEW AT ANCRR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT STRPS: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART R-4001B.

HOLD E, RT, 285.38 INBOUND.
CHART MANDATORY 4000 AT ANCRR.
CHART MANDATORY 4000 AT BEGUE.
CHART MANDATORY 4000 AT STRPS.

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 0.11 DA	444	2400	301	444	2400	301	444	2400	301	444	2400	301			
RNP 0.30 DA	628	5000	485	628	5000	485	628	5000	485	628	5000	485			



CHANGES - REASONS

1. TERMINAL ROUTES: ADDED IAF REMMY-COLUM, IAF COLUM-EFFYS, IF EFFYS-JEANS, AND REMOVED IF COLUM-EDMEF AND EDMEF-JEANS. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
2. TERMINAL ROUTES: CHANGED ANCRR-BEGUE COURSE/DIST/ALT FROM 31.88/3.00/3500 TO 310.77/2.99/4000. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
3. TERMINAL ROUTES: CHANGED BEGUE-CTAVI DIST/ALT FROM 3.14/2600 TO 3.15/3500. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
4. TERMINAL ROUTES: CHANGED CATVI-VOBIH COURSE/DIST/ALT FROM 002.87/2.28/2200 TO 002.94/2.29/2800. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
5. TERMINAL ROUTES: CHANGED VOBIIH-JEANS COURSE/DIST FROM 2.32/4.13 TO 2.31/4.12. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
6. TERMINAL ROUTES: CHANGED STRPS-DEDLE COURSE/DIST/ALT FROM 207.82/3.01/3300 TO 193.67/4.22/3000. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
7. TERMINAL ROUTES: CHANGED DEDLE-EDMEF COURSE/DIST/ALT FROM 2.48/4.45/2200 TO 2.25/3.48/2000. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
8. TERMINAL ROUTES: CHANGED EDMEF-JEANS COURSE/DISTFROM 105.15/3.00 TO 105.00/1.79. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
9. TERMINAL ROUTES: CHANGED JEANS-RW10 COURSE FROM 105.13 TO 105.14 AND RW10-HURTRZ DIST FROM 13.36 TO 13.51. - AIRPORT DATA CHANGED AND MOVED FIX HURTZ.
10. PROFILE LINE 3: CHANGED FAC FROM 105.13 TO 105.14. - AIRPORT DATA CHANGED.
11. PROFILE LINE 7: CHANGED TCH FROM 55.9 TO 54.8. - MATCH ILS DESIGN TCH.
12. NOTES: CHANGED BARO-VNAV NOTE FROM "NA BELOW -12°C OR ABOVE 54°C" TO "NA BELOW -11°C OR ABOVE 54°C". - NEW WEATHER DATA.
13. NOTES: REMOVED 210 SPEED RESTRICTIONS AT BEGUE AND DEDLE AND ADDED 210 SPEED RESTRICTION AT ANCRR AND STRPS. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
14. ADDITIONAL FLIGHT DATA: REMOVED DISTANCE TO THLD FROM 453 HAT: 0.80 NM, CHART MINIMUM 2500 AT COLUM, CHART MANDATORY 1500 AT JEANS, # TCH 199.0 MSL (DO NOT CHART), ROUTE TYPE: A, H, ROUTE TYPE QUALIFIER 1:F, AND ROUTE TYPE QUALIFIER 2:S. - IAW 8260.19I.
15. ADDITIONAL FLIGHT DATA: ADDED MANDATORY 4000 AT BEGUE. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
16. ADDITIONAL FLIGHT DATA: ADDED CHART R-4001B. - PRIMARY HOLDING OVERLAPS AREA.
17. MINIMUMS: CHANGED 0.11 FROM 448/305 TO 444/301 AND CHANGED 0.30 FROM 626/483/6000 TO 628/485/5000. - NEW EVAL COMPLETED WITH NEW CONTROLLING OBSTS AND IAW 8260.3E.
18. PROFILE LINE 5: ADDED 301 HAT: 0.78. - IAW 8260.19I.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZDC, POTOMAC APP CON, BWI ATCT, AMGR

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by
ERIC N SUSKI
Jun 27, 2024

OFFICE

FPO

DATE

06/11/2024

DEVELOPED BY

ERIC N SUSKI (ANDRE TUCKER)

Digitally signed by
ERIC N SUSKI
Apr 29, 2024

OFFICE

AJV-A431

DATE

01/26/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Apr 29, 2024

OFFICE

AJV-A430

DATE

09/05/2024

TITLE

MANAGER