

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> BWI	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 10	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> BALTIMORE	<u>STATE</u> MD
<u>AIRPORT ELEVATION</u> 143	<u>TDZE</u> 143	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 10	<u>ORIGINAL/AMENDMENT</u> 3D	<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

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
REMMY	IAF	COLUM		TF	FB	1.00	104.98	5.88	3000
COLUM	IAF	EFFYS		TF	FB	1.00	105.06	3.19	2300
EFFYS	IF	JEANS		TF	FB	1.00	105.10	3.00	1500
JEANS	FAF	KHORT/2.08 NM TO RW10		TF	FB	0.30	105.14	2.01	
KHORT/2.08 NM TO RW10		RW10	MAP	TF	FO	0.30	105.14	2.08	
RW10	MAP	343 MSL		CA			105.14		
343 MSL		HURTZ		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT HURTZ AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT EFFYS					
3. FAC: 105.14	FAF: JEANS		DIST FAF TO MAP: 4.09	DIST FAF TO THLD: 4.09	
4. MIN ALT: EFFYS 2300, JEANS 1500, KHORT/2.08 NM TO RW10 860					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.46	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 APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART R-4001B.

HOLD E, RT, 285.38 INBOUND.
CHART FAS OBST: 347 TREE 391109N/0764215W.
CHART VDP AT 1.21 NM TO RW10.
WAAS CHANNEL # 53707
REFERENCE PATH ID: W10A
CHART CIRCLING ICON.
LTP HAE: 10.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

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	343	1800	200	343	1800	200	343	1800	200	343	1800	200			
LNAV/VNAV DA	600	4500	457	600	4500	457	600	4500	457	600	4500	457			
LNAV MDA	600	2400	457	600	2400	457	600	4500	457	600	4500	457			
CIRCLING	640	1	497	660	1	517	700	1 1/2	557	880	2 1/4	737			

CHANGES - REASONS

1. TERMINAL ROUTES: ADDED IAF REMMY-COLUM/IAF COLUM-EFFYS/IF EFFYS-JEANS/FAF JEANS-KHORT/SDF KHORT-RW10. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
2. PROFILE LINE 2: CHANGED FROM COLUM TO EFFYS. - FPT/ATC REQUEST.
3. PROFILE LINE 3: CHANGED FAC FROM 105.13 TO 105.14. - AIRPORT DATA CHANGED.
4. PROFILE LINE 4: REMOVED COLUM 2500, ADDED EFFYS 2300, AND ADDED KHORT/2.08 NM TO RW10 860. - IAW 8260.19I 8-6-7 AND PROCEDURE REDESIGN FOR NOISE ABATEMENT.
5. PROFILE LINE 5: ADDED 200 HAT: 0.46. - IAW 8260.19I 8-6-7.
6. PROFILE LINE 7: CHANGED TCH FROM 55.9 TO 54.8. - FACILITY DATA CHANGED TO MATCH ILS RWY 10 DESIGN TCH.
7. NOTES: CHANGED BARO-VNAV NOTE FROM "NA BELOW -12°C OR ABOVE 54°C" TO "NA BELOW -11°C OR ABOVE 54°C". - WEATHER DATA CHANGED.
8. ADDITIONAL FLIGHT DATA: REMOVED 555 TOWER AND DIST TO THLD FROM 200 HAT. - NEW EVAL COMPLETED WITH NEW CONTROLLING OBSTS AND IAW 8260.19I.
9. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM 319 TREE TO 347 TREE, CHANGED VDP FROM 1.20 TO 1.21, AND CHANGED LTP HAE FROM 10.5 TO 10.4. - NEW EVAL COMPLETED WITH NEW CONTROLLING OBST, IAW 8260.3E, AND AIRPORT DATA CHANGED.
10. MINIMUMS: CHANGED ALL CATS LNAV/VNAV FROM 586/443/5000RVR TO 600/457/4500, CHANGED ALL CATS LNAV FROM 580/437 TO 600/457 AND CAT C/D FROM 4000RVR TO 4500RVR. - MATCHED LNAV MINS, IAW 8260.3E, AND NEW EVAL COMPLETED WITH NEW CONTROLLING OBSTS.
11. FAS DATA: CRC CHANGED FROM 88D8ECC9 TO AF7075EE. - LTP LAT/LONG CHANGED FROM 391028.6920N/0764115.6635W TO 391028.6915N/0764115.6600W, ELLIPSOIDAL HEIGHT CHANGED FROM 00105 TO 00104, FPAP CHANGED FROM 391021.4800N/0763909.6300W TO 391021.4750N/0763909.6180W, TCH CHANGED FROM 55.9 TO 54.8, AND LTP/FPAP ORTHO HEIGHT CHANGED FROM 00430 TO 00431.

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

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

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KBWI
RW10
0
Y
0
W10A
391028.6915N
0764115.6600W
+00104
391021.4750N
0763909.6180W
00054.8
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER

AF7075EE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+00431
+00431

