

**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 15R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> BALTIMORE	<u>STATE</u> MD
<u>AIRPORT ELEVATION</u> 143	<u>TDZE</u> 138	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 15R	<u>DATED</u> 10/16/2014	<u>MAG VAR</u> 11W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
HUEYP	IAF	LIIVY		TF	FB	1.00	245.19	3.37	4000
ZARTZ	IAF	LESHA		TF	FB	1.00	064.90	3.35	4000
KYYLO	IAF	BMORE		TF	FB	1.00	155.07	2.98	4000
BMORE	IAF	KAHNN		TF	FB	1.00	155.10	4.40	3000
LIIVY		KAHNN		RF	FB	1.00	(2.16 NM RADIUS CCW (CFLCJ))	3.40	3000
LESHA		KAHNN		RF	FB	1.00	(2.17 NM RADIUS CW (CFLCM))	3.41	3000
KAHNN	IF	KEVVN	PFAF	TF	FB	0.30	155.13	3.18	2000
KEVVN	PFAF	RW15R	MAP	TF	FO	0.30	155.16	5.67	
RW15R	MAP	JANNS		TF	FO	1.00	155.20	14.21	2500

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 ON TRACK 155.20 TO JANNS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT KAHNN
- FAC: 155.16 PFAF: KEVVN DIST PFAF TO MAP: DIST PFAF TO THLD:
- MIN ALT: KAHNN 3000, KEVVN 2000
- DIST TO THLD FROM PFAF: 5.67 MM: IM: 150 HAT: 375 HAT: 1.00 GS ANT:
- MIN GP INCPT: 2000 GP ALT AT PFAF: KEVVN 2000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 55.7
- MSA FROM: RW15R 2600



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 NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 15L.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.11 DA ALL CATS VISIBILITY TO RVR 5500.

CHART SPEED ICON IN PLANVIEW AT HUEYP: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT ZARTZ: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT KYILO: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT BMORE: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 335.31 INBOUND.
 CHART MANDATORY 5000 AT HUEYP.
 CHART MANDATORY 4000 AT ZARTZ.
 CHART AT OR ABOVE 4000 AT KYILO.

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	513	3500	375	513	3500	375	513	3500	375	513	3500	375			
RNP 0.30 DA	587	4500	449	587	4500	449	587	4500	449	587	4500	449			



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED "EMI VORTAC TO BMORE" AND "BMORE TO KEVVN" – PROCEDURE REDESIGNED FOR NOISE ABATEMENT..
2. TERMINAL ROUTES: ADDED "KYYLO TO BMORE", "BMORE TO KAHNN", "HUEYP TO LIIVY", "ZARTZ TO LESHA", "LESHA TO KAHNN", "LIIVY TO KAHNN", "KAHNN TO KEVVN", "RW15R TO 461 MSL" AND "461 MSL TO JANNNS" – PROCEDURE REDESIGNED FOR NOISE ABATEMENT AND IAW 8260.19I 8-6-4.
3. TERMINAL ROUTES: KEVVN TO RW 15R COURSE AND DISTANCE UPDATED FROM "155.15/5.99" TO "155.16/5.67" - FIX KEVVN RELOCATED.
4. PROFILE LINE 2: PROFILE STARTS AT CHANGED FROM "BMORE" TO KAHNN" – IAW 8260.19I 8-6-7B(3)(A).
5. PROFILE LINE 3: CHANGED FAC FROM "155.15" TO "155.16" - FIX KEVVN RELOCATED.
6. PROFILE LINE 4: CHANGED FROM "BMORE 2500, KEVVN 2100" TO "KAHNN 3000, KEVVN 2000" – IAW 8260.19I 8-6-7D.
7. PROFILE LINE 5: ADDED "375 HAT: 1.00 NM" AND REMOVED FROM ADDITIONAL FLIGHT DATA – IAW 8260.19I 8-6-7E(3).
8. PROFILE LINE 5: CHANGED "DIST TO THLD FROM OM: 5.99" TO "DIST TO THLD FROM PFAF: 5.67 – IAW 8260.19I 8-6-7E AND FIX KEVVN RELOCATED.
9. PROFILE LINE 6: CHANGED MIN GP INCPT FROM "2100" TO "2000" AND GP ALT AT PFAF FROM "KEVVN 2100" TO "KEVVN 2000" – FAF ALTITUDE CHANGED TO KEEP 3.00 GS.
10. PROFILE LINE 7: ADDED "20:1 IS CLEAR" – IAW 8260.19I 8-6-7G(3)(A).
11. PROFILE LINE 7: CHANGED TCH FROM "55.6#" TO "55.7" – NEW DESIGN TCH.
12. PROFILE LINE 8: UPDATED MSA FROM: "RW15R 2800" TO "RW15R 2600" – NEW CONTROLLING OBSTACLE.
13. PBN REQUIREMENTS NOTE: ADDED "RNP AR APCH – GPS" REMOVED FROM NOTES – IAW 8260.19I 8-6-8B(2).
14. NOTES: CHANGED FROM CHART NOTE" "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -12C (11F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -11°C OR ABOVE 54°C" – IAW 8260.19I 8-6-9R AND NEW 5 YEAR STUDY.
15. NOTES: ADDED "CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 15L" - IAW 8260.19I 8-6-12O(8)(B).
16. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EMI VORTAC AIRWAY RADIALS 151 CW 187" – EMI VORTAC NO LONGER USED ON APPROACH.
17. NOTES: ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" – IAW 8260.19I 8-6-9M(1).
18. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT HUEYP: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT ZARTZ: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT KYYLO: MAX 210 KIAS" AND "CHART SPEED ICON IN PLANVIEW AT BMORE: MAX 210 KIAS" - TO MEET LEG LENGTH REQUIREMENTS, IAW 8260.19I 8-6-9.
19. NOTES: CHANGED FROM CHART NOTE: "FOR INOPERATIVE MALSR, INCREASE RNP 0.11 DA ALL CATS VISIBILITY TO 1 1/4 MILE , AND RNP 0.30 ALL CATS VISIBILITY TO 1 1/2 MILE" TO "FOR INOPERATIVE ALS, INCREASE RNP 0.11 DA ALL CATS VISIBILITY TO RVR 5500" - IAW 8260.19I, 8-6-11 (O)(3)(E).
20. ADDITIONAL FLIGHT DATA: REMOVED " CHART FAS OBST: 300 TREE 391152N/0764055W" AND "CHART FAS OBST: 265 ANT 391150N/0764121W" – NEW OBSTACLE STUDY.
21. ADDITIONAL FLIGHT DATA: REMOVED "ROUTE TYPE QUALIFIER 1: F", "ROUTE TYPE: A,H" AND "ROUTE TYPE QUALIFIER 2: S" – NO LONGER REQUIRED.
22. ADDITIONAL FLIGHT DATA: ADDED "CHART MANDATORY 5000 AT HUEYP", "CHART MANDATORY 4000 AT ZARTZ" AND "CHART AT OR ABOVE 4000 AT KYYLO" - IAW 8260.3E 2-2-7F(1) AND FPT/ATC REQUEST.
23. ADDITIONAL FLIGHT DATA: REMOVED "CHART MANDATORY 4000 AT EMI VORTAC", "CHART MANDATORY 2500 AT BMORE" AND "CHART MANDATORY 2100 AT KEVVN" - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
24. MINIMUMS: CHANGED RNP 0.11 DA ALL CATS VIS FROM "3800" TO "3500" - IAW 8260.3E TABLE 3-3-1.
25. MINIMUMS: CHANGED RNP 0.30 DA ALL CATS VIS FROM "5200" TO "4500" - IAW 8260.3E TABLE 3-3-1.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZDC, POTOMAC APP CON, BWI ATCT, AMGR.

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

OFFICE

FPO

DATE

07/23/2024

DEVELOPED BY

ERIC N SUSKI (EMMANUEL R. GONZALES)

OFFICE

AJV-A431

DATE

02/14/2024

APPROVED BY

ERIC N SUSKI

OFFICE

AJV-A431

DATE

TITLE
MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> BWI	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 15R	<u>AMDT NO.</u> 2	<u>CITY</u> BALTIMORE	<u>STATE</u> MD	<u>AIRPORT ELEVATION</u> 143	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM HUEYP **TO** LIIVY

RNP 1.00 DISTANCE 3.37 PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (24-000012)	392311.00N/0764351.00W	969	500	125	5E	1000				AC125 AT1906	4000
TERRAIN	392257.00N/0764727.00W	587 (600)								AS1500	2100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM ZARTZ **TO** LESHA

RNP 1.00 DISTANCE 3.35 PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (24-000744)	391849.23N/0765537.18W	860	20	3	1A	1000				AC3 AT2137	4000
TERRAIN	391839.00N/0765545.00W	639 (600)								AS1500	2100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
BWI

PROCEDURE NAME
RNAV (RNP) Z RWY 15R

AMDT NO.
2

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

INITIAL

FROM
KYYLO

TO
BMORE

RNP
1.00

DISTANCE
2.98

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (24-000339)	392223.38N/0765354.93W	1060	20	3	1A	1000				AC3 AT1937	4000
TERRAIN	392436.00N/0765024.00W	708 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
BMORE

TO
KAHNN

RNP
1.00

DISTANCE
4.40

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (24-000225)	392001.00N/0764611.00W	928	500	125	5E	1000				AC125 AT947	3000
TERRAIN	392245.00N/0764915.00W	626 (600)								AS1500	2100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
BWI

PROCEDURE NAME
RNAV (RNP) Z RWY 15R

AMDT NO.
2

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

INITIAL ARC STEPDOWN

FROM
LIIVY **TO**
KAHNN

RNP 1.00 **DISTANCE** 3.40 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (24-000024)	392233.41N/0764620.72W	1037	250	50	4D	1000				AC50 AT913	3000
TERRAIN	392233.00N/0764857.00W	626 (600)								AS1500	2100

COMPUTATIONS

RF SEGMENT **ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**
LIIVY-KAHNN 4000 210 228.73 3856.6 32.38 2.16 24.69 (CFLCJ)/3.4 NM

SEGMENT REMARKS:

INITIAL ARC STEPDOWN

FROM
LESHA **TO**
KAHNN

RNP 1.00 **DISTANCE** 3.41 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (24-000225)	392001.00N/0764611.00W	928	500	125	5E	1000				AC125 AT947	3000
TERRAIN	391948.00N/0765030.00W	538 (500)								AS1500	2000

COMPUTATIONS

RF SEGMENT **ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**
LESHA-KAHNN 4000 210 228.73 3856.6 37.56 2.17 25.46 (CFLCM)/3.41 NM

SEGMENT REMARKS:



AIRPORT ID
BWI

PROCEDURE NAME
RNAV (RNP) Z RWY 15R

AMDT NO.
2

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

INTERMEDIATE

FROM
KAHNN **TO**
KEVVN

RNP 0.30 **DISTANCE** 3.18 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (24-000507)	391743.49N/0764747.26W	797	20	10	1B	500				AC10	1400
TERRAIN	391742.00N/0764748.00W	534 (500)								AS1500	2000

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

FINAL

FROM
KEVVN **TO**
RW15R

RNP 0.11 **DISTANCE** 5.67 **PAT** **MAP** DA **HAT** 375 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (24-000152)	391150.00N/0764121.00W	265	20	3	1A		21.29:1			AC3 MA50	513

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
BWI

PROCEDURE NAME
RNAV (RNP) Z RWY 15R

AMDT NO.
2

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

FINAL

FROM
KEVVN

TO
RW15R

RNP
0.30

DISTANCE
5.67

PAT

MAP
DA

HAT
449

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (24-029686)	391152.22N/0764054.82W	300	20	3	1A		21.25:1			AC3 MA15	587

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LEVEL SURFACE

FROM
DA

TO
JANNS

RNP
0.11-1.00

DISTANCE

PAT

MAP

HAT

HMAS
268

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
ANTENNA (24-029657)	391150.45N/0764120.90W	265	20	3	1A		ASC				2500
TOWER (24-000454)	390558.00N/0763721.00W	532	500	125	5E	1000					1600
TERRAIN	391109.00N/0764209.00W	239 (200)								AS1500	1700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
BWI

PROCEDURE NAME
RNAV (RNP) Z RWY 15R

AMDT NO.
2

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

MISSED APPROACH: LEVEL SURFACE

FROM
DA **TO**
JANNS

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
272

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (24-020488)	391208.03N/0764114.87W	277	20	3	1A		ASC				2500
TOWER (24-000454)	390558.00N/0763721.00W	532	500	125	5E	1000					1600
TERRAIN	391109.00N/0764209.00W	239 (200)								AS1500	1700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA

CENTER **RADIUS**
RW15R 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (24-000503)	393659.00N/0765136.00W	353	27.2	1598	500	125	5E	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



AIRPORT ID
BWI

PROCEDURE NAME
RNAV (RNP) Z RWY 15R

AMDT NO.
2

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDC ARTCC, PCT APP CON, BWI TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	BWI	24	BWI	0	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
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WX REMARKS:

KBWI ASOS ON SERVICE A. BACK-UP ALTIMETER NOT REQUIRED, 24 HOUR CONTROL TOWER HAS REDUNDANT ALTIMETER SOURCES.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW10 - ALSF-2, TDZ, C/LINE, HIRL, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW15L - REIL, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW15R - MALSR, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW28 - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW33L - MALSR, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW33R - MALSR, HIRL, REIL, PAPI-4L	PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	138.3	55.7			3.00	73.4

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	301
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-11C	+54C	-11C	+14.72C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2018-2022).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 956 HIGH TEMP 1262.

"VISUAL PORTION OF FINAL" PENETRATIONS



AIRPORT ID
BWI

PROCEDURE NAME
RNAV (RNP) Z RWY 15R

AMDT NO.
2

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - RNP PROCEDURE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100' VEGETATION USED PER FPT.

PROCEDURE DESIGN PER ATC REQUEST FOR NOISE ABATEMENT.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	4.10
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	144.16
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	500
DISTANCE FROM	THLD	TO 1500FT POINT	5.67
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	144.16
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD COORDINATES (IF STR-IN)

391104.89N/0764052.94W

ARP COORDINATES

391032.62N/0764008.37W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 10 DISTANCE 0.96 NM

FAF COORDINATES

391541.06N/0764509.19W

FIX NAME COORDINATES

REMARKS

THLD DISPLACED 301FT, ACTUAL COORDINATES: 391107.30N/0764055.17W

PART E: PREPARED BY

NAME

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