

**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SUPERSEDED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> | <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 |
| 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:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT EFFYS
- FAC: 105.14 FAF: JEANS DIST FAF TO MAP: 4.09 DIST FAF TO THLD: 4.09
- MIN ALT: EFFYS 2300, JEANS 1500, KHORT/2.08 NM TO RW10 860
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.46 GS ANT: IM:
- MIN GP INCPT: 1500 GP ALT AT PFAF: JEANS 1500 OM: MM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 54.8
- 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

| <u>CATEGORY:</u> | A | | | B | | | C | | | D | | | E | | |
|--------------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|
| <u>FINAL TYPE</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> |
| 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.



AIRPORT ID
BWI

PROCEDURE NAME
RNAV (GPS) Y RWY 10

ORIGINAL/AMENDMENT
4

CITY
BALTIMORE

STATE
MD

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

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

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

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



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

| | | | | | | |
|--------------------------|--|----------------------|--------------------------|--------------------|---------------------------------|-------------------------|
| <u>AIRPORT ID</u> BWI | <u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 10 | <u>AMDT NO.</u> 4 | <u>CITY</u> BALTIMORE | <u>STATE</u> MD | <u>AIRPORT ELEVATION</u> 143 | <u>FACILITY</u> RNAV |
|--------------------------|--|----------------------|--------------------------|--------------------|---------------------------------|-------------------------|

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL
FROM REMMY **TO** COLUM

RNP DISTANCE PAT MAP HAT HMAS
1.00 5.88

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| TOWER (24-000103) | 391308.73N/0765829.07W | 849 | 20 | 3 | 1A | 1000 | | | | AT1151 | 3000 |
| TERRAIN | 391309.00N/0765830.00W | 597 (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 COLUM **TO** EFFYS

RNP DISTANCE PAT MAP HAT HMAS
1.00 3.19

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| AAO | 391015.00N/0765515.00W | 719 | 215 | 8 | 4B | 1000 | | | | AT581 | 2300 |
| TERRAIN | 391257.00N/0765309.00W | 479 (500) | | | | | | | | AS1500 | 2000 |

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 (GPS) Y RWY 10

AMDT NO.
4

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

INTERMEDIATE

FROM
EFFYS **TO**
JEANS

RNP DISTANCE PAT MAP HAT HMAS
1.00 3.00

| <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> |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| AAO | 391239.00N/0764842.00W | 689 | 215 | 8 | 4B | 500 | | | | | 1200 |
| TERRAIN | 391239.00N/0764842.00W | 488 (500) | | | | | | | | AS1000 | 1500 |

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM
JEANS **TO**
RW10

RNP DISTANCE PAT MAP HAT HMAS
0.30 4.09 DA 200

| <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> |
|--------------------|--------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| | | | | | | | ASC | | | | 343 |

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 (GPS) Y RWY 10

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4

CITY
BALTIMORE

STATE
MD

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143

FACILITY
RNAV

FINAL: LNAV/VNAV

FROM
JEANS

TO
RW10

RNP
0.30

DISTANCE
4.09

PAT

MAP
DA

HAT
457

HMAS

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| TREE | 391000.00N/0764236.00W | 320 | 215 | 8 | 4B | | 22.98:1 | | | AC8 XP-18 | 600 |

COMPUTATIONS

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

SEGMENT REMARKS:

LOWERED TO MATCH LNAV MINS.

FINAL: LNAV

FROM
JEANS

TO
KHORT/2.08 NM TO RW10

RNP
0.30

DISTANCE
2.01

PAT

MAP

HAT

HMAS

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| TOWER (24-000759) | 391020.40N/0764635.40W | 555 | 20 | 3 | 1A | 250 | | | | DG55 | 860 |

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 (GPS) Y RWY 10

AMDT NO.
4

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

FINAL: LNAV STEPDOWN

FROM
KHORT/2.08 NM TO RW10

TO
RW10

RNP
0.30

DISTANCE
2.08

PAT

MAP
RW10

HAT
457

HMAS

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| TREE | 391109.00N/0764215.00W | 347 | 215 | 8 | 4B | 250 | | | | | 600 |

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM
DA

TO
HURTZ

RNP
0.30

DISTANCE

PAT

MAP

HAT

HMAS
174

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| | | | | | | | ASC | | | | 2500 |
| STACK (24-000291) | 391053.00N/0763217.00W | 740 | 500 | 50 | 5D | 1000 | | | | | 1800 |
| TERRAIN | 391109.00N/0764215.00W | 246 (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 (GPS) Y RWY 10

AMDT NO.
4

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

MISSED APPROACH: LNAV/VNAV

FROM DA **TO** HURTZ

RNP 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 439

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| | | | | | | | ASC | | | | 2500 |
| STACK (24-000291) | 391053.00N/0763217.00W | 740 | 500 | 50 | 5D | 1000 | | | | | 1800 |
| TERRAIN | 391109.00N/0764215.00W | 246 (200) | | | | | | | | AS1500 | 1700 |

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM RW10 **TO** HURTZ

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 500

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| | | | | | | | ASC | | | | 2500 |
| STACK (24-000291) | 391053.00N/0763217.00W | 740 | 500 | 50 | 5D | 1000 | | | | | 1800 |
| TERRAIN | 391109.00N/0764215.00W | 246 (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 (GPS) Y RWY 10

AMDT NO.
4

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

| OBSTRUCTION | COORDINATES | RADIUS | HAA | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|----------------------|------------------------|---------------|------------|-----------------|-------------|-------------|-----------|------------|------------|--------------------|----------------|
| CATEGORY A | | | | | | | | | | | |
| TREE (24-029434) | 391111.57N/0764213.94W | 1.30 | 497 | 322 | 20 | 3 | 1A | 300 | | | 640 |
| CATEGORY B | | | | | | | | | | | |
| ANTENNA (24-030710) | 391231.24N/0763827.54W | 1.81 | 517 | 342 | 20 | 10 | 1B | 300 | | | 660 |
| CATEGORY C | | | | | | | | | | | |
| BUILDING (24-040487) | 390923.70N/0764339.30W | 2.84 | 557 | 400 | 50 | 20 | 2C | 300 | | | 700 |
| CATEGORY D | | | | | | | | | | | |
| AAO | 391418.00N/0764300.00W | 3.71 | 737 | 565 | 215 | 8 | 4B | 300 | | | 880 |

CIRCLING REMARKS:

MSA

CENTER
RW10

RADIUS
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 | | | 1598 | 500 | 125 | 5E | 1000 | | | 2600 |

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

AIRPORT ID
BWI

PROCEDURE NAME
RNAV (GPS) Y RWY 10

AMDT NO.
4

CITY
BALTIMORE

STATE
MD

AIRPORT ELEVATION
143

FACILITY
RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDC ARTCC, PCT TRACON, BWI TOWER

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

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

WX REMARKS:

SECONDARY WEATHER SOURCE NOT REQUIRED DUE TO 24 HOUR TOWER WITH ALTIMETER READING EQUIPMENT AND NATIONAL WEATHER SERVICE (24HRS).

| | | | |
|-----------------------|----------------------|----------------------|-----------------|
| PRIMARY NAVAID | MONITOR POINT | HRS OPERATION | CAT 3 |
|-----------------------|----------------------|----------------------|-----------------|

| 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 - HIRL, REIL, PAPI-4L | PIR-G | APPROACH, ROLL OUT |
| RW15R - MALSR, C/LINE, HIRL, PAPI-4R | PIR-G | APPROACH, MIDPOINT, ROLL OUT |
| RW28 - MALSR, C/LINE, HIRL, PAPI-4L | PIR-G | APPROACH, MIDPOINT, ROLL OUT |
| RW33L - MALSR, TDZ, C/LINE, HIRL, PAPI-4L | PIR-G | APPROACH, MIDPOINT, ROLL OUT |
| RW33R - MALSR, REIL, HIRL, PAPI-4L | PIR-G | APPROACH, ROLL OUT |

| | | | | | | |
|---------------------------------|------------------------------------|--------------------|------------------------|--------------------------|---------------------------|--------------------|
| GLIDESLOPE ANGLE 3.00 | ELEV RWY THRESHOLD 141.4 | TCH 54.8 | ELEV GS ANTENNA | DISTANCE FROM RWY | VGSI ANGLE 3.00 | TCH 71.4 |
|---------------------------------|------------------------------------|--------------------|------------------------|--------------------------|---------------------------|--------------------|

FINAL APPROACH COURSE AIMING

| | | | |
|------------------|-------------------------------------|--------------------|----------------------------------|
| RUNWAY THRESHOLD | <input checked="" type="checkbox"/> | FT FROM THRESHOLD | DISPLACED THRESHOLD DISTANCE 550 |
| ON CENTERLINE | <input checked="" type="checkbox"/> | FT FROM CENTERLINE | |

CRITICAL TEMPERATURES

| | | | |
|-----------------------------|------------------------------|--------------------|---------------------------|
| CRITICAL LOW -11C | CRITICAL HIGH +54C | ACT -11C | APT ISA +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 957 HIGH TEMP 1262.

"VISUAL PORTION OF FINAL" PENETRATIONS



AIRPORT ID
BWI

PROCEDURE NAME
RNAV (GPS) Y RWY 10

AMDT NO.
4

CITY
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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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TAA NA, PER FPT/ATC REQUEST.

100 FEET TREE HEIGHT APPLIED PER FPT.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

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 | 3.47 |
| WIDTH OF | FINAL | SEGMENT AT 1000FT POINT | 1.56 |
| TRUE COURSE OF | FINAL | SEGMENT CONTAINING 1000FT POINT | 094.14 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 300 |
| DISTANCE FROM | THLD | TO 1500FT POINT | 6.49 |
| WIDTH OF | INTERMEDIATE | SEGMENT AT 1500FT POINT | 4.00 |
| TRUE COURSE OF | INTERMEDIATE | SEGMENT CONTAINING 1500FT POINT | 094.14 |
| HIGH TERRAIN IN | INTERMEDIATE | SEGMENT CONTAINING 1500FT POINT | 500 |

| | |
|---|---------------------------------|
| THRESHOLD COORDINATES (IF STR-IN) | 391028.69N/0764115.66W |
| ARP COORDINATES | 391032.62N/0764008.37W |
| RUNWAY APCH END AND DIST FURTHEST FROM ARP | RUNWAY 10 DISTANCE 0.96 NM |
| FAF COORDINATES | 391046.56N/0764630.73W |
| FIX NAME COORDINATES | IF EFFYS 391059.51N/0765021.61W |

REMARKS

THLD DISPLACED 550FT, ACTUAL COORDINATES: 391029.09N/0764122.62W

PART E: PREPARED BY

| | | | |
|-----------------------------|---------------|-------------|-------------------------------------|
| NAME | OFFICE | DATE | TITLE |
| ERIC N SUSKI (ANDRE TUCKER) | AJV-A431 | 01/26/2024 | AERONAUTICAL INFORMATION SPECIALIST |