NAME: ANTHM STATE: MD **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 392647.56N/0772147.67W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING TYPE OF ACTION: MODIFY HOLDING:

PATTERNS:

LEG LENGTH HOLDING ALTITUDES TEMPLATES **IDENT TYPF** RAD/CRS/BRG **CRS** TURN PAT DIR (L OR R) TIME DME INBOUND MIN MAX MIN MAX WP 11000 W 281.68 12000 101.68 10

CONTROLLING OBSTRUCTIONS: PAT AIRSPEED OBSTRUCTION

COORDINATES 392939.00N/0772957.00W AAO

ELEVATION ACCURACY CODE 1959

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE USE TITLE ANTHM (RNAV) ANTHM (RNAV) STAR **STAR**

FAC PAT

AIRPORT IDENT KBWI **KMTN**

CITY **BALTIMORE BALTIMORE**

INFORMATION ONLY

STATE MD (US) MD (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHARTING: ADDED "EN ROUTE HIGH", "EN ROUTE LOW", "CONTROLLER HIGH", AND "CONTROLLER LOW"
2. CONT OBS: UPDATED PAT 1 OBS FROM "AAO 393239.00N/0773000.00W 1979 4E" TO "AAO 392939.00N/0772957.00W 1959 4B"

INITIATED BY: DATE: **ORGANIZATION:** NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME: HENRY BRADSHAW**

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

CVALI7

NAME: ARYIA STATE: MD **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 392833.22N/0771350.97W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:

USE TITLE ANTHM (RNAV) USE TYPE STAR AIRPORT IDENT CITY BALTIMORE STATE MD (US) FAC PAT KBWI

REQUIRED CHARTING: STAR

INFORMATION ONLY COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION: 09/05/2024**

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 **NAME: ALLAN WILL**

SIGNATURE:

QUALITY

NAME: ASHOR STATE: MD **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 391427.03N/0762343.78W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING TYPE OF ACTION: NO CHANGE **HOLDING:**

REMARKS:

NAME RETAINED DUE TO ATC OPERATIONAL REQUIREMENT.

FIX USE:

USE TYPE USE TITLE FAC PAT AIRPORT IDENT **STATE** STAR STAR ANTHM (RNAV) TRISH (RNAV) MD (US) MD (US) **KBWI BALTIMORE** KBWI **BALTIMORE**

INFORMATION ONLY

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. LATITUDE/LONGITUDE: RELOCATED 1.03 NM NE.
2. REMARKS: REMOVED "REMOVED ANTHM AND TRISH STARS FOR KMTN"

INITIATED BY: DATE: **ORGANIZATION:** NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: **DATE:** 09/05/2024 **OFFICE:** AJV-A423 NAME: ALLAN WILL

SIGNATURE:

QUALIT,

NAME: BRAYV STATE: MD **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 391518.45N/0765532.35W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING TYPE OF ACTION: NO CHANCE **HOLDING:**

REMARKS:

REMOVED ANTHM AND TRISH STARS FOR KMTN

INFORMATION ONLY

FIX USE:

USE TYPE USE TITLE STAR STAR ANTHM (RNAV) TRISH (RNAV) **FAC** PAT

AIRPORT IDENT **KBWI BALTIMORE** KBWI **BALTIMORE**

STATE MD (US) MD (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

FIX IS NOT USED TO TRANSITION TO KMTN

INITIATED BY: DATE: **ORGANIZATION:** NAME:

DEVELOPED BY: DATE: 10/27/2015 OFFICE: AJV-5441 **NAME:** EUGENE NEWTON

APPROVED BY: DATE: 02/16/2016 OFFICE: AJV-5410 **NAME: MARLON ROBINSON**

SIGNATURE:

DISTRIBUTION: NFDC

FPO: EST
ARTCC: ZDC
ATC FACILITY: KBWI TOWER, PCT TRACON

OTHER:

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NAME: BUBBI STATE: WV COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392703.29N/0780814.71W **TYPE:** WP. INT. DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

NAME **IDENT TYPE CLASS MAG TRUE** DME **DIST FROM FAC** MRA MAA **BRG BRG** NM FEET **MARTINSBURG MRB VORTAC** 293.34 286.34 14.00 5000 17500 LINDEN LDN **VORTAC** 011.06 005.06 35.90 5000 17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

TYPE RAD/CRS/BRG **CRS** TURN LEG LENGTH HOLDING ALTITUDES TEMPLATES PAT DIR **IDENT** (L OR R) TIME DME R 1-1 1/2 INBOUND MIN MAX MIN MAX **VORTAC** NW MRB 293.34 113.34 6000 17000 8 18 Ŕ NW WP 297.14 117.14 10 15000 17000 16 17 2 3 NW WP R 297.35 117.35 10 15000 18000 16 17

CONTROLLING OBSTRUCTIONS:

AIRSPEED OBSTRUCTION COORDINATES ELEVATION ACCURACY CODE 210 265 TOWER (54-020004) TOWER (54-020004) 392639.32N/0782051.08W 2905 392639.32N/0782051.08W 2905 265 TOWER (54-020004) 392639.32N/0782051.08W 2905 2C

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

MARTINSBURG (FAC 1) AND LINDEN (FAC 2) USED TO ESTABLISH FIX COORDINATES. PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|------|-----|---------------|----------------|---------|
| STAR | ARLFT (RNAV) | | 3 | KDOV | DOVER | DE (US) |
| STAR | ARLFT (RNAV) | | 3 | 33N | DOVER/CHESWOLD | DE (US) |
| STAR | ARLFT (RNAV) | | 3 | KILG | WILMINGTON | DE (US) |
| STAR | ANTHM`(RNAV) | | 2 | KBWI | BALTIMORE | MD (US) |
| STAR | WESTMINSTER | 1, 2 | 1 | KBWI | BALTIMORE | MD (US) |
| STAR | ANTHM (RNAV) | | 2 | KMTN | BALTIMORE | MD (US) |
| STAR | WESTMINSTEŔ | 1, 2 | 1 | KMTN | BALTIMORE | MD (US) |

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHARTING: ADDED "EN ROUTE HIGH" AND "EN ROUTE LOW"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

OVALITY 14 CHECKED

NAME: BYNER STATE: PA **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 394621.42N/0793532.46W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: **HOLDING TYPE OF ACTION: MODIFY**

PATTERNS:

LEG LENGTH HOLDING ALTITUDES TEMPLATES **IDENT TYPF** RAD/CRS/BRG **CRS** TURN PAT DIR (L OR R) TIME DME INBOUND MIN MAX MIN MAX NW WP 18000 45000 295.09 115.09 30

CONTROLLING OBSTRUCTIONS: PAT AIRSPEED OBSTRUCTION

COORDINATES 393430.00N/0792954.00W **ELEVATION ACCURACY CODE**

3245 4B

PRECIPITOUS TERRAIN ADDITIONS: PAT SPEED ADDITION

265

INFORMATION ONLY

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE USE TITLE PAT AIRPORT IDENT CITY FAC STATE BALTIMORF STAR STAR MD (US) MD (US) ANTHM (RNAV) **KBWI** ANTHM (RNAV) **KMTN** BALTIMORE

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. PATTERNS: UPDATED PAT 1 MIN/MAX TEMPLATES FROM "18/31" TO "17/30"
2. CHARTING: ADDED "EN ROUTE HIGH", "EN ROUTE LOW", "CONTROLLER HIGH" AND "CONTROLLER LOW"
3. CONT OBS: ADDED "AAO 393430.00N/0792954.00W 3245 4B"

4. REMARKS: ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED."

INITIATED BY: DATE: **ORGANIZATION:** NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME: HENRY BRADSHAW**

APPROVED BY: **DATE:** 09/05/2024 OFFICE: AJV-A423 **NAME: ALLAN WILL**

SIGNATURE:

NAME: CRABZ STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392134.81N/0763045.57W **TYPE:** WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

 USE TYPE
 USE TITLE
 FAC
 PAT
 AIRPORT IDENT
 CITY
 STATE

 STAR
 ANTHM (RNAV)
 KBWI
 BALTIMORE
 MD (US)

 STAR
 ANTHM (RNAV)
 KMTN
 BALTIMORE
 MD (US)

INFORMATION ONLY

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 10/15/2015

REASON FOR REVISION:

FIX MOVED 1.97 NM NW NAME RETAINED AT ATC REQUEST

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 05/21/2015 **OFFICE:** AJV-351 **NAME:** JEFF ANDERSON

APPROVED BY: DATE: 08/10/2015 **OFFICE:** AJV-352 **NAME:** ADOLFO URRUTIA

SIGNATURE:

DISTRIBUTION: NFDC

FPO: EST ARTCC: ZDC

ATC FACILITY: PCT APP CON

OTHER:

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NAME: CURBY STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393317.96N/0783635.74W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TITLE AIRPORT IDENT **USE TYPE** FAC PAT CITY **STATE** ARLFT (RNAV)
ARLFT (RNAV)
ARLFT (RNAV)
ANTHM (RNAV)
ANTHM (RNAV) DE (US) DE (US) DOVER **STAR KDOV** 33N DOVER/CHESWOLD STAR WILMINGTON DE (US) MD (US) MD (US) **STAR KILG** BALTIMORE STAR **KBWI** STAR **BALTIMORE KMTN**

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHARTING: ADDED "EN ROUTE HIGH". "EN ROUTE LOW", "CONTROLLER HIGH", AND "CONTROLLER LOW"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

OVALITY 14 CHECKED

NAME: EAGLL STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392702.08N/0774407.71W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

 USE TYPE
 USE TITLE
 FAC
 PAT
 AIRPORT IDENT
 CITY
 STATE

 STAR
 ANTHM (RNAV)
 KBWI
 BALTIMORE
 MD (US)

 STAR
 ANTHM (RNAV)
 KMTN
 BALTIMORE
 MD (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHARTING: ADDED "EN ROUTE HIGH", "EN ROUTE LOW", "CONTROLLER HIGH", AND "CONTROLLER LOW"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

ONALITY 14 CHECKED

NAME: FINNZ STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391643.30N/0762655.87W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

HOLDING: HOLDING TYPE OF ACTION:

FIX USE:

 USE TYPE
 USE TITLE

 STAR
 ANTHM (RNAV)

 STAR
 TRISH (RNAV)

 STAR
 ANTHM (RNAV)

 STAR
 TRISH (RNAV)

FAC PAT AIRI

AIRPORT IDENT CITY
KBWI BALTIMORE
KBWI BALTIMORE
KMTN BALTIMORE
KMTN BALTIMORE

INFORMATION ONLY

STATE MD (US) MD (US) MD (US) MD (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 10/15/2015

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 05/21/2015 OFFICE: AJV-351 NAME: JEFF ANDERSON

APPROVED BY: DATE: 08/10/2015 **OFFICE:** AJV-352 **NAME:** ADOLFO URRUTIA

SIGNATURE:

DISTRIBUTION: NFDC FPO: EST

FPO: EST ARTCC: ZDC

ATC FACILITY: PCT APP CON

OTHER:

FAA FORM 8260-2 / AUG 2009 Page 1 of 1

NAME: FLAAG STATE: MD **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 392757.13N/0765216.24W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING TYPE OF ACTION: NO CHANGE HOLDING:

REMARKS:

REMOVED ANTHM STAR FOR KMTN

FIX USE:

USE TYPE USE TITLE FAC PAT AIRPORT IDENT CITY **STATE** ANTHM (RNAV) MD (US) STAR **KBWI BALTIMORE**

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

FIX IS NOT USED TO TRANSITION TO KMTN

INITIATED BY: DATE: **ORGANIZATION:** NAME:

DEVELOPED BY: DATE: 10/27/2015 OFFICE: AJV-5441 **NAME: EUGENE NEWTON**

APPROVED BY: DATE: 02/16/2016 OFFICE: AJV-5410 **NAME: MARLON ROBINSON**

SIGNATURE:

DISTRIBUTION: **NFDC**

FPO: EST
ARTCC: ZDC
ATC FACILITY: PCT APP CON

OTHER:

INFORMATION ONLY

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NAME: GRAMZ STATE: MD **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 391414.65N/0762031.37W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING TYPE OF ACTION: NO CHANGE HOLDING:

REMARKS:

NAME RETAINED FOR ATC OPERATIONAL REQUIREMENTS.

FIX USE:

USE TYPE **USE TITLE** FAC PAT AIRPORT IDENT CITY **STATE** ANTHM (RNAV) TRISH (RNAV) MD (US) MD (US) STAR STAR **KBWI BALTIMORE BALTIMORE**

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. LATITUDE/LONGITUDE: RELOCATED 1.68 NM NW. 2. REMARKS: REMOVED "REMOVED ANTHM AND TRISH STARS FOR KMTN"

INITIATED BY: DATE: **ORGANIZATION:** NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: **DATE:** 09/05/2024 **OFFICE:** AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY



NAME: HOIST STATE: MD **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 391539.16N/0770203.55W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

HOLDING TYPE OF ACTION: HOLDING:

REMARKS:

REMOVED ANTHM AND TRISH STARS FOR KMTN

FIX USE:

USE TYPE USE TITLE FAC PAT AIRPORT IDENT CITY **STATE** ANTHM (RNAV) TRISH (RNAV) MD (US) MD (US) STAR STAR **KBWI BALTIMORE** KBWI **BALTIMORE**

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

FIX IS NOT USED FOR TRANSITION TO KMTN

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 10/27/2015 OFFICE: AJV-5441 **NAME:** EUGENE NEWTON

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

DISTRIBUTION: NFDC

FPO: EST ARTCC: ZDC ATC FACILITY: PCT APP CON

OTHER:

INFORMATION ONLY



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NAME: HOOOK STATE: MD **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 390415.21N/0762626.84W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING TYPE OF ACTION: NO CHANGE HOLDING:

REMARKS:

REMOVED ANTHM AND TRISH STARS FOR KMTN

FIX USE:

USE TYPE USE TITLE FAC PAT AIRPORT IDENT CITY **STATE** STAR STAR ANTHM (RNAV) TRISH (RNAV) MD (US) MD (US) **KBWI BALTIMORE** KBWI BALTIMORE

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

FIX IS NOT USED TO TRANSITION TO KMTN

INITIATED BY: DATE: **ORGANIZATION:** NAME:

DEVELOPED BY: DATE: 10/27/2015 OFFICE: AJV-5441 **NAME:** EUGENE NEWTON

APPROVED BY: DATE: 02/16/2016 OFFICE: AJV-5410 NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC

FPO: EST ARTCC: ZDC ATC FACILITY: PCT APP CON

OTHER:

INFORMATION ONLY

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NAME: JABRR STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392604.46N/0770357.57W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

 USE TYPE
 USE TITLE
 FAC
 PAT
 AIRPORT IDENT
 CITY
 STATE

 STAR
 ANTHM (RNAV)
 KBWI
 BALTIMORE
 MD (US)

 STAR
 ANTHM (RNAV)
 KMTN
 BALTIMORE
 MD (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHARTING: ADDED "EN ROUTE LOW" AND "CONTROLLER LOW"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY



NAME: KEESH STATE: WV COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393038.33N/0782408.14W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TITLE AIRPORT IDENT **USE TYPE** FAC PAT CITY **STATE** ARLFT (RNAV)
ARLFT (RNAV)
ARLFT (RNAV)
ANTHM (RNAV)
ANTHM (RNAV) DE (US) DE (US) DOVER **STAR KDOV** 33N DOVER/CHESWOLD STAR WILMINGTON DE (US) MD (US) MD (US) **STAR KILG** STAR **KBWI** BALTIMORE STAR **BALTIMORE** KMTN

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHARTING: ADDED "EN ROUTE HIGH" AND "CONTROLLER HIGH"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

OVALITY 14 CHECKED

NAME: KEEYY STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391243.16N/0762815.62W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

REMOVED ANTHM AND TRISH STARS FOR KMTN

FIX USE:

USE TYPE USE TITLE FAC PAT AIRPORT IDENT CITY **STATE** RNAV (RNP) Z RWY 33L ANTHM (RNAV) MD (US) MD (US) IAP **KBWI BALTIMORE** STAR KBWI **BALTIMORE** STAR TRISH (RNAV) **KBWI BALTIMORE** MD (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

FIX IS NOT USED TO TRANSITION TO KMTN

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 10/27/2015 **OFFICE:** AJV-5441 **NAME:** EUGENE NEWTON

APPROVED BY: DATE: 02/16/2016 OFFICE: AJV-5410 NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC

FPO: EST ARTCC: ZDC

ATC FACILITY: KBWI TOWER, PCT TRACON

OTHER:

INFORMATION ONLY

FAA FORM 8260-2 / AUG 2009 Page 1 of 1

NAME: KEMAN STATE: PA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 395137.81N/0800230.15W **TYPE:** WP. INT. DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

NAME **IDENT TYPE CLASS MAG** TRUE DME DIST FROM FAC MRA MAA **BRG** BRG NM FEET 111.44 37.00 **BELLAIRE** AIR VOR/DME 104.44 37.00 18000 45000 **ELLWOOD CITY EWC** VOR/DME 180.27 172.27 58.35 18000 45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BELLAIRE (FAC 1) AND ELLWOOD CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TITLE USE TYPE FAC PAT AIRPORT IDENT CITY STATE DP DP PITTSBURGH ALLEGHENY KAGC PA (US) **PITTSBURGH** 1, 2 **KPIT PITTSBURGH** PA (US) MD (US) MD (US) MD (US) STAR ANTHM (RNAV) **KBWI BALTIMORE STAR** WESTMINSTER 1, 2 **KBWI BALTIMORE** STAR ANTHM (RNAV) **KMTN BALTIMORE** MD (US) STAR WESTMINSTER 1, 2 **KMTN BALTIMORE**

REQUIRED CHARTING: DP, STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX MAKE-UP: UPDATED FAC 2 ELLWOOD CITY EWC VOR/DME CLASS FROM "H" TO "VH".

2. CHARTING: UPDATED "CONTROLLER" TO "CONTROLLER HIGH"; ADDED "EN ROUTE LOW" AND "CONTROLLER LOW".

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

OVALITY 14 CHECKED

NAME: LUNDY STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393939.40N/0790534.57W **TYPE:** WP. INT. DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

NAME **IDENT TYPE** CLASS MAG **TRUE** DME **DIST FROM FAC** MRA MAA **BRG BRG** NM FEET 111.44 **BELLAIRE** AIR VOR/DME 104.44 82.50 82.50 18000 45000 **KESSEL ESL** VOR/DME 355.60 349.60 26.54 18000 45000 VORTAC **MARTINSBURG MRB** 286.34 18000 45000 293.34 60.09 60.09

EXPANDED SERVICE VOLUME (ESV):

RADIAL/BEARING **MAX ALTITUDE FAC TYPE DISTANCE** MIN ALTITUDE FAC IDENT VOR/DME FSI R-356 27 18000 45000 MRB VORTAC R-293 61 18000 45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BELLAIRE (FAC 1) AND KESSEL (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

CITY **USE TYPE USE TITLE AIRPORT IDENT** STATE FAC PAT ARLFT (RNAV) ARLFT (RNAV) ARLFT (RNAV) ANTHM (RNAV) DE (US) DE (US) DE (US) **KDOV DOVER** STAR DOVER/CHESWOLD STAR 33N WILMINGTON **STAR KILG** MD (US) MD (US) BALTIMORE STAR **KBWI BALTIMORE** WESTMINSTER STAR 1, 2, 3 **KBWI** BALTIMORE MD (US) STAR ANTHM (RNAV) **KMTN** STAR WESTMINSTER 1, 2, 3 **KMTN** BALTIMORE MD (US)

INFORMATION ONLY

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. ESV: UPDATED MRB VORTAC DISTANCE FROM "60" TO "61"
2. FIX USE: UPDATED ARLFT (RNAV) KILG FROM "IAP" TO "STAR"
3. CHARTING: ADDED "EN ROUTE LOW" AND "CONTROLLER LOW"

C. CIVICING: ABBED ENROGIE ECW 744B CONTROLLER ECW

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY:DATE: 09/05/2024OFFICE: AJV-A423NAME: ALLAN WILL

SIGNATURE:

0VAL/7/ 14

NAME: NUSMM STATE: OH **COUNTRY: US ICAO REGION CODE: K5**

LATITUDE/LONGITUDE: 400201.29N/0804902.02W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

RAD/CRS/BRG LEG LENGTH HOLDING ALTITUDES TEMPLATES **IDENT TYPF CRS** TURN PAT DIR INBOUND (LORR) TIME DME MIN MAX MIN MAX NW WP 18000 45000 296.93 116.93 30

CONTROLLING OBSTRUCTIONS:

PAT AIRSPEED OBSTRUCTION
1 265 TOWER (39-000613) **COORDINATES ELEVATION ACCURACY CODE**

400532.25N/0811718.40W 2314

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|-----|-----|---------------|---------------|---------|
| DP | AHMET (RNAV) | | | KBKL | CLEVELAND | OH (US) |
| DP | AHMET (RNAV) | | | KCGF | CLEVELAND | OH (US) |
| DP | KKIDS (RNAV) | | | KCLE | CLEVELAND | OH (US) |
| DP | AHMET (RNAV) | | | KLPR | LORAIN/ELYRIA | OH (US) |
| DP | AHMET (RNAV) | | | KLNN | WILLOUGHBY | OH (US) |
| STAR | ANTHM (RNAV) | | 1 | KBWI | BALTIMORE | MD (US) |
| STAR | ANTHM (RNAV) | | 1 | KMTN | BALTIMORE | MD (US) |

REQUIRED CHARTING: DP, STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHARTING: UPDATED "CONTROLLER" TO "CONTROLLER HIGH"; ADDED "EN ROUTE LOW" AND "CONTROLLER LOW" 2. PATTERNS: UPDATED PAT 1 MIN/MAX TEMPLATE FROM "18/31" TO "17/30"

3. CONT OBS: PAT 1 ADDED "265 TOWER (39-000613)"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME: HENRY BRADSHAW**

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

OVAL/Y

NAME: OLBAY STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392513.32N/0764407.76W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

HOLDING: HOLDING TYPE OF ACTION:

FIX USE:

 USE TYPE
 USE TITLE
 FAC
 PAT
 AIRPORT IDENT
 CITY
 STATE

 STAR
 ANTHM (RNAV)
 KBWI
 BALTIMORE
 MD (US)

 STAR
 ANTHM (RNAV)
 KMTN
 BALTIMORE
 MD (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 10/15/2015

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 05/26/2015 OFFICE: AJV-351 NAME: JEFF ANDERSON

APPROVED BY: DATE: 08/10/2015 **OFFICE:** AJV-352 **NAME:** ADOLFO URRUTIA

SIGNATURE:

DISTRIBUTION: NFDC

FPO: EST ARTCC: ZNY

ATC FACILITY: PCT APP CON

OTHER: ZDC

INFORMATION ONLY

FAA FORM 8260-2 / AUG 2009 Page 1 of 1

NAME: RAAYY STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391225.88N/0762337.09W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

HOLDING: HOLDING TYPE OF ACTION:

FIX USE:

 USE TYPE
 USE TITLE
 FAC
 PAT
 AIRPORT IDENT
 CITY
 STATE

 STAR
 ANTHM (RNAV)
 KMTN
 BALTIMORE
 MD (US)

 STAR
 TRISH (RNAV)
 KMTN
 BALTIMORE
 MD (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/31/2016

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 10/26/2015 **OFFICE:** AJV-5441 **NAME:** EUGENE NEWTON

APPROVED BY: DATE: 02/16/2016 OFFICE: AJV-5410 NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC

FPO: EST ARTCC: ZDC

ATC FACILITY: PCT APP CON

OTHER:



FAA FORM 8260-2 / AUG 2009 Page 1 of 1

NAME: ROAPS STATE: MD **COUNTRY: US ICAO REGION CODE: K6**

LATITUDE/LONGITUDE: 390748.10N/0762943.72W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING TYPE OF ACTION: NO CHANGE HOLDING:

REMARKS:

REMOVED ANTHM AND TRISH STARS FOR KMTN

FIX USE:

USE TYPE USE TITLE FAC PAT AIRPORT IDENT CITY **STATE** ANTHM (RNAV) TRISH (RNAV) MD (US) MD (US) STAR STAR **KBWI BALTIMORE** KBWI **BALTIMORE**

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

FIX IS NOT USED TO TRANSITION TO KMTN

INITIATED BY: DATE: **ORGANIZATION:** NAME:

DEVELOPED BY: DATE: 10/27/2015 OFFICE: AJV-5441 **NAME:** EUGENE NEWTON

APPROVED BY: DATE: 02/16/2016 OFFICE: AJV-5410 **NAME: MARLON ROBINSON**

SIGNATURE:

DISTRIBUTION: NFDC

FPO: EST ARTCC: ZDC ATC FACILITY: PCT APP CON

OTHER:

INFORMATION ONLY

FAA FORM 8260-2 / AUG 2009 Page 1 of 1

NAME: ROKTT STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392707.15N/0771332.84W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE USE TITLE FAC PAT AIRPORT IDENT CITY STATE
STAR ANTHM (RNAV) KBWI BALTIMORE MD (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMARKS: REMOVED "REMOVED ANTHM STAR FOR KMTN"
2. CHARTING: ADDED "EN ROUTE LOW" AND "CONTROLLER LOW"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

OVALITY 14 CHECKED

NAME: SHEPH STATE: WV COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392703.31N/0775755.05W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

 USE TYPE
 USE TITLE
 FAC
 PAT
 AIRPORT IDENT
 CITY
 STATE

 STAR
 ANTHM (RNAV)
 KBWI
 BALTIMORE
 MD (US)

 STAR
 ANTHM (RNAV)
 KMTN
 BALTIMORE
 MD (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHARTING: ADDED "EN ROUTE HIGH", "EN ROUTE LOW", "CONTROLLER HIGH", AND "CONTROLLER LOW"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

OWALTY, 14 CHECKED

NAME: SPNGL STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391527.03N/0765813.52W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

HOLDING: HOLDING TYPE OF ACTION:

FIX USE:

 USE TYPE
 USE TITLE
 FAC
 PAT
 AIRPORT IDENT
 CITY
 STATE

 STAR
 ANTHM (RNAV)
 KBWI
 BALTIMORE
 MD (US)

 STAR
 TRISH (RNAV)
 KBWI
 BALTIMORE
 MD (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 09/05/2024

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY



NAME: STARZ STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392023.71N/0764958.65W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

 USE TYPE
 USE TITLE
 FAC
 PAT
 AIRPORT IDENT
 CITY
 STATE

 STAR
 ANTHM (RNAV)
 KBWI
 BALTIMORE
 MD (US)

 STAR
 TRISH (RNAV)
 KBWI
 BALTIMORE
 MD (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. LATITUDE/LONGITUDE: RELOCATED 4098 FT NE.

2. REMARKS: REMOVED "REMOVED ANTHM AND TRISH STARS FOR KMTN"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

OVALITY 14 CHECKED

NAME: STRPS STATE: MD COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391728.38N/0765114.67W **TYPE**: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TITLE RNAV (RNP) Z RWY 10 ANTHM (RNAV) AIRPORT IDENT **USE TYPE** FAC PAT CITY **STATE** BALTIMORE BALTIMORE MD (US) MD (US) MD (US) IAP KBWI STAR **KBWI** STAR **BALTIMORE** TRISH (RNAV) **KBWI**

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. LATITUDE/LONGITUDE: RELOCATED 4562 FT NE.

2. REMARKS: REMOVED "REMOVED ANTHM AND TRISH STARS FOR KMTN"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: HENRY BRADSHAW

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

INFORMATION ONLY

OVALITY 14 CHECKED