

RADIO FIX AND HOLDING DATA RECORD

NAME: BMORE

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392150.15N/0765052.78W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	BALTIMORE	I-FND	LOC		335.20	324.20		15.02	2500	4600
2	BALTIMORE	BAL	VORTAC	L			14.47	14.47	2500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW		WP	335.10	155.10	R	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-000339)	392223.38N/0765354.93W	1060	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15R	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 15R			KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 33L		1	KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) X RWY 33L		1	KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 15R			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 33L		1	KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX COORDINATES - MOVED FROM 392117.49N/0765022.33W TO 392150.15N/0765052.78W AND MOVED 0.68NM NORTHWEST .
2. FIX MAKE-UP FACILITIES - CHANGED I-FND DIST FROM FAC NM FROM 14.35 TO 15.02.
3. FIX MAKE-UP FACILITIES - CHANGED BAL DME AND DIST FROM FAC NM FROM 13.80 TO 14.47.
4. FIX USE - ADDED RNAV (RNP) X RWY 33L.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Jul 25, 2024

QUALITY
21
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFLCJ

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391931.87N/0764517.69W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 15R

FAC

PAT

AIRPORT IDENT
KBWI

CITY
BALTIMORE

STATE
MD (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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ERIC N SUSKI

Jul 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: CFLCM

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391659.46N/0764949.01W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 15R

FAC

PAT

AIRPORT IDENT
KBWI

CITY
BALTIMORE

STATE
MD (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Jul 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: KAHNN

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391815.84N/0764733.12W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	BALTIMORE	I-FND	LOC		335.20	324.20		10.61	3000	4600
2	BALTIMORE	BAL	VORTAC	L			10.07	10.07	3000	17500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15R	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 15R			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 15R			KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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Jul 25, 2024

QUALITY
21
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KEVVN

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391541.06N/0764509.19W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	BALTIMORE	I-FND	LOC		335.20	324.20		7.43	45161	2000	4600
2	BALTIMORE	BAL	VORTAC	L			6.89	6.89	41856	2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15R	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 15R			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 15R			KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX COORDINATES - MOVED FROM N391556.34 W0764523.43 TO N391541.06 W0764509.19 AND 0.31NM SOUTHEAST.
2. FIX MAKE-UP FACILITIES - CHANGED I-FND DIST FROM FAC NM FROM 7.75 TO 7.43, DIST FROM FAC FEET FROM 47068 TO 45161 AND MRA FROM 2100 TO 2000.
3. FIX MAKE-UP FACILITIES - CHANGED BAL DME FROM 7.20 TO 6.89, DIST FROM FAC NM FROM 7.20 TO 6.89, MRA FROM 2100 TO 2000 AND ADDED DIST FROM FAC FEET OF 41856.
4. REMARKS: ADDED BALTIMORE (FAC 1) AND BALTIMORE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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ERIC N SUSKI

Jul 25, 2024

QUALITY
21
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KY YLO

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392415.21N/0765308.17W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	BALTIMORE	I-FND	LOC		335.20	324.20		18.00		4000	4600
2	BALTIMORE	BAL	VORTAC	L			17.45	17.45		4000	17500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15R	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 15R			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 15R			KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Jul 25, 2024

QUALITY
21
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LESHA

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391844.82N/0765127.71W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 15R

FAC

PAT

AIRPORT IDENT
KBWI

CITY
BALTIMORE

STATE
MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Jul 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: LIIVY

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392117.09N/0764655.56W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 15R

FAC

PAT

AIRPORT IDENT
KBWI

CITY
BALTIMORE

STATE
MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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ERIC N SUSKI

Jul 25, 2024

QUALITY
21
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TATTO

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391320.40N/0764258.58W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	BALTIMORE	I-FND	LOC		335.20	324.20		4.54		980	4600
2	BALTIMORE	BAL	VORTAC	L			4.00	4.00		980	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15R	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 15R			KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX COORDINATES - MOVED FROM 391318.81N/0764257.08W TO 391320.40N/0764258.58W AND 199FT NORTHWEST.
2. FIX MAKE-UP FACILITIES - CHANGED I-FND DIST FROM FAC NM FROM 4.51 TO 4.54
3. FIX MAKE-UP FACILITIES - CHANGED BAL DME FROM 3.97 TO 4.00, DIST FROM FAC NM FROM 3.97 TO 4.00.
4. REMARKS: ADDED BALTIMORE (FAC 1) AND BALTIMORE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Jul 25, 2024

QUALITY
21
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: XPRTO

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392000.98N/0764911.03W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	BALTIMORE	I-FND	LOC		335.20	324.20		12.77		3600	4600
2	BALTIMORE	BAL	VORTAC	L			12.23	12.23		3600	17500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15R	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 15R			KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

Jul 25, 2024

SIGNATURE:

QUALITY
21
CHECKED