

RADIO FIX AND HOLDING DATA RECORD

NAME: ANCRR

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390152.15N/0764343.60W

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
IAP	RNAV (RNP) Z RWY 10			KBWI	BALTIMORE	MD (US)
STAR	MIIDY (RNAV)			KBWI	BALTIMORE	MD (US)
STAR	RAVNN (RNAV)			KBWI	BALTIMORE	MD (US)
STAR	MIIDY (RNAV)			KMTN	BALTIMORE	MD (US)
STAR	RAVNN (RNAV)			KMTN	BALTIMORE	MD (US)
STAR	RAVNN (RNAV)			KDMW	WESTMINSTER	MD (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

INFORMATION ONLY

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/05/2015

REASON FOR REVISION:

1. ADDED STAR TO REQUIRED CHARTING.
2. UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/12/2013

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 03/05/2015

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: BWI TOWER, PCT TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CATVI

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390552.59N/0764915.21W

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 10

FAC

PAT

AIRPORT IDENT
KBWI

CITY
BALTIMORE

STATE
MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/10/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/26/2012

OFFICE: AJV-352

NAME: HOWARD HAWKINS

APPROVED BY:

DATE: 11/28/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: BWI TOWER, PCT TRACON
OTHER:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 391113.14N/0765427.15W **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	FEET	MRA	MAA
1	BALTIMORE	I-BAL	LOC		285.20	274.20		12.12		2500	4600
2	BALTIMORE	BAL	VORTAC	L	285.83	274.83	11.53	11.53		2500	4600

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	285.05	105.05	L	4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-000343)	391407.07N/0770208.00W	997	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

INFORMATION ONLY

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10	1, 2		KBWI	BALTIMORE	MD (US)
IAP	ILS RWY 10 (CAT II)	1, 2		KBWI	BALTIMORE	MD (US)
IAP	ILS RWY 10 (CAT III)	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 10			KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 28		1	KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 10			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 28		1	KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 09/05/2024

REASON FOR REVISION:

1. FIX MOVED TO 391113.14N/0765427.15W. FIX MOVED 1120 FEET WEST.
2. FIX MAKE-UP FACILITIES: CHANGED FAC 1 DIST FROM FAC FROM "11.94" TO "12.12" AND MAG BRG AND TRUE BRG FROM "285.19 / 274.20" TO "285.20 / 274.20".
3. FIX MAKE-UP FACILITIES: CHANGED FAC 2 DIST DME AND DIST FROM FAC FROM "11.53" TO "12.12" AND ADDED MAG AND TRUE BRG "285.83 / 274.83".
4. FAC 2 ADDED TO REMARKS "USED TO ESTABLISH FIX COORDINATES."

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** ZACHARY KRUEGER

APPROVED BY: **DATE:** 09/05/2024 **OFFICE:** AJV-A431 **NAME:** ERIC N SUSKI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 390928.03N/0762356.28W 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	FEET	MRA	MAA
1	BALTIMORE	I-OEH	LOC		105.21	094.21		13.77		2000	4600
2	BALTIMORE	BAL	VORTAC	L	104.64	093.64	12.27	12.27		2000	4600

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	BAL	VORTAC	104.64	284.64	R	1		2500	6000	4	5
2	E		WP	105.38	285.38	R		4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-020004)	390815.70N/0761259.70W	376	5E
2	200	STACK (24-000381)	391238.00N/0762921.00W	422	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

BALTIMORE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-4001B.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10	2	1	KBWI	BALTIMORE	MD (US)
IAP	ILS OR LOC RWY 28			KBWI	BALTIMORE	MD (US)
IAP	ILS RWY 10 (CAT II)	2	1	KBWI	BALTIMORE	MD (US)
IAP	ILS RWY 10 (CAT III)	2	1	KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 10		2	KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 28			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 10		2	KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 28			KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX USE: REMOVED "STAR MIIDY" AT KBWI AND KMTN.
2. CHARTING: REMOVED "STAR"
3. FIX MOVED TO 390928.03N/0762356.28W. FIXED MOVED 942.25 FT EAST.
4. FIX MAKE-UP FACILITIES: CHANGED LINE 1 MAG AND TRUE BRG FROM "105.22/094.22" TO "105.21/094.21" AND DIST FROM FAC FROM "13.61" TO "13.77".
5. FIX MAKE-UP FACILITIES: CHANGED LINE 2 DME AND DIST FROM FAC FROM "12.11" TO "12.27".
6. HOLDING PATTERN 1 RAD/CRS.BRG AND CRS INBOUND CHANGED FROM "104.63/284.63" TO "104.64/284.64".
7. HOLDING PATTERN 2 CONTROLLING OBSTRUCTIONS UPDATED.
8. FIX USE: REMOVED FAC 2 FROM KBWI IAP RNAV (RNP) Z RWY 10 AND ADDED PAT 2.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: ZACHARY KRUEGER

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A431 NAME: ERIC N SUSKI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

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 TYPE
IAP
STAR
STAR
STAR
STAR
STAR

USE TITLE
RNAV (RNP) Z RWY 10
ANTHM (RNAV)
TRISH (RNAV)
ANTHM (RNAV)
TRISH (RNAV)

FAC

PAT

AIRPORT IDENT

CITY

STATE

KBWI
KBWI
KBWI
KMTN
KMTN

BALTIMORE
BALTIMORE
BALTIMORE
BALTIMORE
BALTIMORE

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

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

INFORMATION ONLY

RECORD REVISION NUMBER: 5

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. LATITUDE/LONGITUDE: RELOCATED 0.75NM SW FROM "391704.30N/0765203.72W" TO "391728.38N/0765114.67W"
2. REMARKS: REMOVED "REMOVED ANTHM AND TRISH STARS FOR KMTN"
3. FIX USE: ADDED "STAR ANTHM (RNAV) KMTN" AND "STAR TRISH (RNAV) KMTN"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE: