

# RADIO FIX AND HOLDING DATA RECORD

NAME: FINNZ

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391643.30N/0762655.87W

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
IAP	ILS OR LOC RWY 28			KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 28			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 28			KBWI	BALTIMORE	MD (US)
STAR	ANTHM (RNAV)			KBWI	BALTIMORE	MD (US)
STAR	TRISH (RNAV)			KBWI	BALTIMORE	MD (US)
STAR	ANTHM (RNAV)			KMTN	BALTIMORE	MD (US)
STAR	TRISH (RNAV)			KMTN	BALTIMORE	MD (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/05/2024

## REASON FOR REVISION:

1. FIX USE: ADDED ILS OR LOC RWY 28, RNAV (GPS) Y RWY 28 AND RNAV (RNP) Z RWY 28 AT KBWI AND ASSOCIATED DATA.
2. ADDED IAP TO REQUIRED CHARTING.

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:

*Digitally signed by*

**ERIC N SUSKI**

Jun 13, 2024



# 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:

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**ERIC N SUSKI**

Jun 13, 2024



# RADIO FIX AND HOLDING DATA RECORD

NAME: JURTI

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391006.43N/0763449.05W

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		105.19	094.19		5.28	32091	2000	4600
2	BALTIMORE	BAL	VORTAC	L			3.78	3.78	22975	2000	4600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE: USE TYPE

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 28	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 28			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 28			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 MOVED FROM "390956.57N/0763159.94W" TO "391006.43N/0763449.05W". FIX MOVED 2.1982 NM NW. NAME RETAINED PER ATC REQUEST.
2. FIX MAKE-UP FACILITIES: FAC 1 CHANGED MAG BRG / TRUE BRG FROM "105.22 / 094.22" TO "105.19 / 094.19" AND DIST FROM FAC NM / FEET FROM "7.48 / 45448" TO "5.28 / 32091".
3. FIX MAKE-UP FACILITIES: FAC 2 CHANGED DME FROM "5.98" TO "3.78" AND DIST FROM FAC NM / FEET FROM "5.98 / 36327" TO "3.78 / 22975"

INITIATED BY:

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ORGANIZATION:

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OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ZACHARY KRUEGER

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DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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**ERIC N SUSKI**

Jun 13, 2024



# RADIO FIX AND HOLDING DATA RECORD

NAME: MCKAY

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390941.28N/0762739.48W

TYPE: WP, RADAR, INT, 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	BAL	VORTAC	L	104.46	093.46	9.36	9.36	3000	6000
2	BALTIMORE	I-OEH	LOC		105.19	094.19		10.87	3000	6000

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 28	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 28			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 28			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: ZACHARY KRUEGER

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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**ERIC N SUSKI**

Jun 13, 2024



# RADIO FIX AND HOLDING DATA RECORD

NAME: SOULZ

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390951.69N/0763036.35W

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-OEH	LOC		105.19	094.19		8.57	2000	4600
2	BALTIMORE	BAL	VORTAC	L	104.21	093.21	7.07	7.07	2000	4600

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 28	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 28			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 28			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: ZACHARY KRUEGER

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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**ERIC N SUSKI**  
Jun 13, 2024

QUALITY  
26  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: YANNI

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391840.00N/0765827.98W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	BALTIMORE	BAL	VORTAC	L	311.00	300.00	16.84	16.84	2500	17500
2	WESTMINSTER	EMI	VORTAC	VH	187.00	179.00	11.03	11.03	2500	17500

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

## 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	NW	BAL	VORTAC	311.00	131.00	R	1		2600	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-000050)	392049.00N/0771017.00W	1197	1C

## REMARKS:

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

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V265	1, 2				(US)
EN ROUTE	V44	1, 2				(US)
IAP	ILS OR LOC RWY 28	1, 2	1	KBWI	BALTIMORE	MD (US)
IAP	ILS OR LOC RWY 33L	1, 2	1	KBWI	BALTIMORE	MD (US)
IAP	ILS RWY 33L (SA CAT I)	1, 2	1	KBWI	BALTIMORE	MD (US)
IAP	ILS RWY 33L (SA CAT II)	1, 2	1	KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/05/2024

## REASON FOR REVISION:

1. FIX USE: ADDED ILS OR LOC RWY 28, ILS OR LOC RWY 33L, ILS RWY 33L (SA CAT I), AND ILS RWY 33L (SA CAT II) AT KBWI AND ASSOCIATED DATA.
2. ESTABLISHED HOLDING PATTERN 1 AND ADDED ASSOCIATED DATA.
3. AIRSPACE DOCKET: REMOVED 21-AEA-17.
4. FIX MAKE-UP FACILITIES: FAC 2 CLASS CHANGED FROM "H" TO "VH".
5. IAP ADDED TO REQUIRED CHARTING.

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:

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**ERIC N SUSKI**

Jun 13, 2024



# RADIO FIX AND HOLDING DATA RECORD

NAME: ZIXUS

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391013.12N/0763644.60W

TYPE: WP, 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-OEH	LOC		105.19	094.19		3.78		520	4600
2	BALTIMORE	BAL	VORTAC	L			2.28	2.28		520	4600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/05/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: FAC 1 MAG BRG / TRUE BRG CHANGED FROM "105.22 / 094.22" TO "105.19 / 094.19".

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

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**ERIC N SUSKI**

Jun 13, 2024

QUALITY  
26  
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