



# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 390634.30N/0763642.53W **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		MRA	MAA
								NM	FEET		
1	BALTIMORE	I-RUX	LOC		155.21	144.21		5.70	34658	1500	4600
2	BALTIMORE	BAL	VORTAC	L			4.35	4.35		1500	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 33L	1, 2		KBWI	BALTIMORE	MD (US)
IAP	ILS RWY 33L (SA CAT I & II)	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) Y RWY 33L			KBWI	BALTIMORE	MD (US)
IAP	RNAV (RNP) Z RWY 33L			KBWI	BALTIMORE	MD (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8 **DATE OF REVISION:** 09/05/2024

**REASON FOR REVISION:**

1. FIX MAKE-UP FACILITIES: UPDATED FAC 1 MAG/TRUE BRG FROM 155.22/144.22 TO 155.21/144.21 AND DIST FROM FAC NM FROM 5.67 TO 5.70 AND FEET FROM 34445 TO 34658.
2. REMARKS: REMOVED "ESTABLISHED IAW 8260.54A PFAF," "IPDS BUILD COORDINATES: 390634.297N/0763642.527W," "I-RUX LOC PENDING DATA USED FOR ALL FAC 1 COMPUTATIONS. FACILITY CURRENTLY UNDER CONSTRUCTION, EST COMPLETION DATE: 3/5/2015."

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A431 **NAME:** JUDITH TUTTLE

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

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

NAME: HAXAK

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390848.96N/0763847.06W

TYPE: 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-RUX	LOC		155.21	144.21		2.94		520	4600
2	BALTIMORE	BAL	VORTAC	L			1.60	1.60		520	4600

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 33L	1, 2		KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/05/2024

**REASON FOR REVISION:**

1. FIX MAKE-UP FACILITES: UPDATED FAC 1 MAG/TRUE BRG FROM 155.22/144.22 TO 155.21/144.21 AND DIST FROM FAC FROM 2.85 TO 2.94 AND MAA FROM 500 TO 520.
2. FIX MAKE-UP FACILITES: UPDATED FAC 2 DME AND DIST FROM FAC NM FROM "1.55" TO "1.60" AND MRA FROM "500" TO "520"
3. CHARTING: REMOVED "CONTROLLER" AND ADDED "CONTROLLER LOW."
4. FIX MAKE-UP: UPDATED COORDINATES FROM "390851.82N/0763849.67" TO "390848.96N/0763847.06W," FIX MOVED 381.62 FT NORTH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JUDITH TUTTLE

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:



