RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 390048.21N/0763010.61W **TYPE:** WP, RADAR, 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	DIST FROM FAC FEET	MRA	MAA
1	BALTIMORE	I-BWI	LOC		155.23	144.23		12.95		3000	4600
2	BALTIMORE	BAL	VORTAC	L	152.91	141.91	12.00	12.00		2500	17500
3	ANDREWS	ADW	VORTAC	L	063.89	053.89		21.03		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 TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	BAL	VORTAC	152.91	332.91	L	1		2500	6000	5	6
2	SE		WP	155.32	335.32	L		4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-000913)	390036.77N/0763631.88W	1049	1A
2	200	TOWER (24-000913)	390036.77N/0763631.88W	1049	1A

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15L	2	1	KBWI	BALTIMORE	MD (US)
IAP	ILS OR LOC RWY 33R	1, 2		KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) RWY 15L		2	KBWI	BALTIMORE	MD (US)
IAP	RNAV (GPS) RWY 33R			KBWI	BALTIMORE	MD (US)
IAP	VOR/DME RWY 15L	2, 3	1	KBWI	BALTIMORE	MD (US)
STAR	MIIDY (RNAV)			KBWI	BALTIMORE	MD (US)
STAR	RAVNN (RNAV)			KBWI	BALTIMORE	MD (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 09/05/2024

REASON FOR REVISION:
1. FIX USE: ADDED "STAR RAVNN (RNAV) KBWI"; REMOVED "STAR MIIDY (RNAV) 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:

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	DIST FROM FAC FEET	MRA	MAA
1	BALTIMORE	I-OEH	LOC		105.19	094.19		13.76		2000	4600
2	BALTIMORE	BAL	VORTAC	L	104.63	093.63	12.26	12.26		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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	BAL	VORTAC	104.63	284.63	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-4001 B.
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	1, 2		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:** 07/11/2024

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 "105.19/094.19" AND DIST FROM FAC FROM "13.61" TO "13.76".
5. FIX MAKE-UP FACILITIES: CHANGED LINE 2 DME AND DIST FROM FAC FROM "12.11" TO "12.26".

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

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

APPROVED BY: **DATE:** 07/11/2024 **OFFICE:** AJV-A431 **NAME:** ERIC N SUSKI

SIGNATURE: