

# RADIO FIX AND HOLDING DATA RECORD

NAME: WESTMINSTER VORTAC

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392942.03N/0765842.86W

TYPE:

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	FEET	MRA	MAA
1	WESTMINSTER	EMI	VORTAC	VH							45000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S	EMI	VORTAC	178.07	358.07	L	1		2900	6000	6	7
2	SE		WP	117.64	297.64	R		6	3000	6000	7	8
3	S	EMI	VORTAC	179.00	359.00	L	1		2600	6000	6	7
4	SE	EMI	VORTAC	127.00	307.00	L	1		2600	4000	6	6
5	NE	EMI	VORTAC	055.11	235.11	R	1		2600	6000	4	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	393424.00N/0765815.00W	1162	4E
2	230	TOWER (24-001005)	392649.94N/0764647.21W	1549	1A
3	230	AAO	393424.00N/0765815.00W	1162	4E
4	230	TOWER (24-001005)	392649.94N/0764647.21W	1549	1A
5	310	TOWER (24-000503)	393659.00N/0765136.00W	1598	5E

REASON FOR NONSTANDARD HOLDING:

PAT 1 AND 3: AIR TRAFFIC AIRSPACE RESTRICTION  
PAT 4 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
5	VOR-A	2W2	WESTMINSTER	MD (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.  
ASSIGNED FACILITY MAG VAR: 8W (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	NATIONAL			KDCA	WASHINGTON	DC (US)
DP	CAPITAL			KIAD	WASHINGTON	DC (US)
DP	PTOMC (RNAV)			KJYO	LEESBURG	VA (US)
EN ROUTE	J211					(US)
EN ROUTE	J48					(US)
EN ROUTE	J61					(US)
EN ROUTE	Q119					(US)
EN ROUTE	TK502					(US)
EN ROUTE	V166					(US)
EN ROUTE	V265					(US)
EN ROUTE	V268					(US)
EN ROUTE	V3					(US)
EN ROUTE	V419					(US)
EN ROUTE	V457					(US)
IAP	ILS OR LOC RWY 1R			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 1R (CAT II - III)		3	KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 10 (ALT MISSED)		4	KBWI	BALTIMORE	MD (US)
IAP	ILS OR LOC RWY 15L			KBWI	BALTIMORE	MD (US)
IAP	ILS OR LOC RWY 33R (ALT MISSED)		3	KBWI	BALTIMORE	MD (US)
IAP	ILS RWY 10 (CAT II - III) (ALT MISSED)		4	KBWI	BALTIMORE	MD (US)
IAP	ILS RWY 10 (SA CAT I) (ALT MISSED)		4	KBWI	BALTIMORE	MD (US)
IAP	LOC RWY 15			KMTN	BALTIMORE	MD (US)
IAP	ILS OR LOC RWY 23			KFDK	FREDERICK	MD (US)
IAP	RNAV (GPS) Y RWY 23			KFDK	FREDERICK	MD (US)
IAP	RNAV (GPS) Z RWY 23			KFDK	FREDERICK	MD (US)
IAP	RNAV (GPS)-A			KGAI	GAITHERSBURG	MD (US)
IAP	VOR-A		5	2W2	WESTMINSTER	MD (US)
IAP	VOR RWY 34		1	KDMW	WESTMINSTER	MD (US)
IAP	RNAV (GPS)-A			W05	GETTYSBURG	PA (US)
STAR	PRIVO			KHEF	DISTRICT OF COLUMBIA	DC (US)
STAR	DELRO			KIAD	WASHINGTON	DC (US)

QUALITY  
25  
CHECKED

STAR	PRIVO	KIAD	WASHINGTON	DC (US)
STAR	SELINGROVE	KIAD	WASHINGTON	DC (US)
STAR	WESTMINSTER	KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER	KMTN	BALTIMORE	MD (US)
STAR	PRIVO	KJYO	LEESBURG	VA (US)
STAR	PRIVO	KNYG	QUANTICO	VA (US)
STAR	PRIVO	KMRB	MARTINSBURG	WV (US)

**REQUIRED CHARTING:** DP, STAR, MILITARY IAP, MILITARY STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 35

**DATE OF REVISION:** 06/12/2025

**REASON FOR REVISION:**

1. ADDED PATTERN 5 NE DIRECTION OF HOLDING, 235.11 COURSE INBOUND, RIGHT TURNS, 1 MINUTE LEG TIME, MIN HOLDING ALTITUDE: 2600, MAX HOLDING ALTITUDE 6000, TEMPLATES USE: MIN 4, MAX 12.
2. ADDING CONTROLLING OBSTACLE TO PATTERN 5: TOWER (24-000503) 393659.00N/0765136.00W 1598 FT. AC 5E.
3. FIX USE: ADDED PATTERN 5 TO K2W2 VOR-A.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A33

**NAME:** JACOB CLARK

**APPROVED BY:**

**DATE:** 05/08/2025

**OFFICE:** AJV-A33

**NAME:** JOHN BORDY

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

NAME: ZUXET

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392802.21N/0770101.44W

TYPE: 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	WESTMINSTER	EMI	VORTAC	VH	235.11	227.11	2.44	2.44		421	3600

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
IAP

USE TITLE  
VOR-A

FAC  
1

PAT

AIRPORT IDENT  
2W2

CITY  
WESTMINSTER

STATE  
MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/12/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: JACOB CLARK

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: CASIMIR TABAKA

SIGNATURE:

QUALITY  
25  
CHECKED