

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CHARLESTON VOR/DME      **STATE:** WV      **COUNTRY:** US      **ICAO REGION CODE:** K6

**LATITUDE/LONGITUDE:** 382058.83N/0814611.69W      **TYPE:**

**AIRSPACE DOCKET:** 20-ASO-17      **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	CHARLESTON	HVQ	VOR/DME	H						45000

**FIX RESTRICTIONS:**

MCA V133 8500 SOUTHBOUND

**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	W	HVQ	VOR/DME	261.00	081.00	R	1	3000 10000	4 9
2	W	HVQ	VOR/DME	263.53	083.53	R	1	3000 10000	4 9
3	W	WP	WP	261.00	081.00	R	6	3000 10000	5 10

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
2	230	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
3	230	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
UPN	265	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D

**HOLDING RESTRICTIONS:**

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 5000.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
CONTROLLING OBSTACLE LOCATED IN SECONDARY AREA (ALL PATTERNS).  
MAGVAR 3W/1965.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GIPLE (RNAV)			KCVG	COVINGTON	KY (US)
DP	KINGS			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	KNOXVILLE			KTYS	KNOXVILLE	TN (US)
EN ROUTE	J145					(US)
EN ROUTE	J24					(US)
EN ROUTE	J6					(US)
EN ROUTE	J78					(US)
EN ROUTE	J8					(US)
EN ROUTE	J85					(US)
EN ROUTE	Q145					(US)
EN ROUTE	Q68					(US)
EN ROUTE	V115					(US)
EN ROUTE	V128					(US)
EN ROUTE	V133					(US)
EN ROUTE	V258					(US)
EN ROUTE	V309					(US)
EN ROUTE	V35					(US)
IAP	ILS OR LOC RWY 19		1	KBKW	BECKLEY	WV (US)
IAP	ILS OR LOC RWY 23		1	KCRW	CHARLESTON	WV (US)
IAP	ILS OR LOC RWY 5		1	KCRW	CHARLESTON	WV (US)
IAP	RNAV (GPS) Y RWY 23		3	KCRW	CHARLESTON	WV (US)
IAP	RNAV (GPS) Y RWY 5			KCRW	CHARLESTON	WV (US)
IAP	RNAV (RNP) Z RWY 23			KCRW	CHARLESTON	WV (US)
IAP	VOR-A		2	KCRW	CHARLESTON	WV (US)
IAP	VOR-A			K12V	MILTON	WV (US)
IAP	RNAV (GPS) RWY 8			K116	PINEVILLE	WV (US)
STAR	TRUPS (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	DOCCS			KIAD	WASHINGTON	DC (US)
STAR	GIBBZ (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	RAVNN (RNAV)			KBWI	BALTIMORE	MD (US)
STAR	RAVNN (RNAV)			KMTN	BALTIMORE	MD (US)
STAR	TRUPS (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	RAVNN (RNAV)			KDMW	WESTMINSTER	MD (US)
STAR	TRUPS (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	DOCCS			KJYO	LEESBURG	VA (US)
STAR	GIBBZ (RNAV)			KJYO	LEESBURG	VA (US)
STAR	GIBBZ (RNAV)			KHEF	MANASSAS	VA (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: 22****DATE OF REVISION: 06/17/2021****REASON FOR REVISION:**

1. REMOVED V45 FROM FIX USE.
2. REMOVED V260 FROM FIX USE.
3. REMOVED RHOMM SID AT KCVG FROM FIX USE.

**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A433

**NAME: KWEKU DONKOR****APPROVED BY:****DATE:****OFFICE: AJV-A430****NAME: LONNIE EVERHART****SIGNATURE:****DISTRIBUTION:**

**NFDC**  
**FPO: ATL**  
**ARTCC: ZID**  
**ATC FACILITY: CRW APP CON**  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HENDERSON DME      **STATE:** WV      **COUNTRY:** US      **ICAO REGION CODE:** K6  
**LATITUDE/LONGITUDE:** 384515.00N/0820134.00W      **TYPE:**  
**AIRSPACE DOCKET:** 20-AEA-18      **FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	HENDERSON	HNN	DME							45000

**HOLDING:**      **HOLDING TYPE OF ACTION:** MODIFY

**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	SW		WP	236.67	056.67	R		4	2700	10000	5	10
2	SE		WP	129.70	309.70	R		4	2700	6000	4	5
3	S		WP	194.10	014.10	R		4	2700	6000	5	6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (54-000633)	384532.16N/0815731.48W	1279	1A
2	200	TOWER (54-000633)	384532.16N/0815731.48W	1279	1A
3	200	TOWER (54-000633)	384532.16N/0815731.48W	1279	1A

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETE.  
 ASSIGNED FACILITY MAG VAR: W03/1965.  
 HOLDING PAT 1,2,3 RETAINED FOR ATC.  
 HOLDING RESTRICTIONS: HOLDING LIMITED TO ESTABLISHED PATTERNS.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q176					(US)
EN ROUTE	Q67					(US)
STAR	GAVNN (RNAV)			KCVG	COVINGTON	KY (US)
STAR	FEWGA (RNAV)			KPIT	PITTSBURGH	PA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 23      **DATE OF REVISION:** 06/17/2021

**REASON FOR REVISION:**

CHANGED NAME FROM HENDERSON VORTAC TO HENDERSON DME.  
 L/L CHANGED FROM 384514.85N/0820134.20W TO 384515.00N/0820134.00.(22 FT) PER AIRNAV DATA.  
 UPDATED AIRSPACE DOCKET # TO 20-AE-18.  
 UPDATED FAC 1 FROM HNN VORTAC TO HNN DME.  
 UPDATED HOLDING PATTERN 2 TYPE FROM VORTAC TO WP.  
 UPDATED REMARKS TO INCLUDE PAT 2 AND 3 RETAINED FOR ATC AND ADDED HOLDING RESTRICTION REMARKS.  
 FIX USE: DELETED KCVG COVINGTON RHOMM DP.  
 FIX USE: DELETED KCVG COVINGTON BRUSH STAR.  
 FIX USE: DELETED KK62 FALMOUTH BRUSH STAR.  
 FIX USE: DELETED KI69 BATAVIA BRUSH STAR.  
 FIX USE: DELETED KLUK CINCINNATI BRUSH STAR.  
 FIX USE: DELETED KHAO HAMILTON BRUSH STAR.  
 FIX USE: DELETED IAP NDB RWY 25 AT KUNI.  
 FIX USE: DELETED IAP RNAV GPS RWY 4 AT KI18.  
 FIX USE: DELETED IAP RNAV GPS RWY 23 AT KGAS.  
 FIX USE: DELETED KCMH, KLCK, KOSU, KTZR AT COLUMBUS FOR BRUSH STAR.  
 REMOVED J91, J134, V119,V45 AND V174 FROM FIX USE.  
 ADDED Q176 TO FIX USE.

**INITIATED BY:**      **DATE:**      **ORGANIZATION:**      **NAME:**  
**OFFICE OF PRIMARY RESPONSIBILITY:**      AJV-A423      **NAME:** MICHAEL HARRIS  
**APPROVED BY:**      **DATE:**      **OFFICE:** AJV-A420      **NAME:** MARLON ROBINSON  
**SIGNATURE:**

**DISTRIBUTION:**      NFDC  
                          FPO: EST  
                          ARTCC: ZID  
                          ATC FACILITY: HTS ATCT  
                          OTHER: CRW APP CON, UNI ATCT

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** YORK VORTAC **STATE:** KY **COUNTRY:** US **ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 383838.88N/0825842.02W **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	MRA	MAA
1	YORK	YRK	VORTAC	L						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 DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SW	YRK	VORTAC	213.00	033.00	R	1	3300 6000	4 5
2	NW	YRK	VORTAC	301.00	121.00	R	1	3300 6000	4 5

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-002199)	384059.94N/0830045.36W	2280	2C
2	200	TOWER (21-002199)	384059.94N/0830045.36W	2280	2C

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAG VAR: W5 1990.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GIPLE (RNAV)			KCVG	COVINGTON	KY (US)
DP	NCLUS			KCMH	COLUMBUS	OH (US)
DP	NCLUS			KLCK	COLUMBUS	OH (US)
DP	NCLUS			KOSU	COLUMBUS	OH (US)
DP	NCLUS			KTZR	COLUMBUS	OH (US)
EN ROUTE	V128					(US)
EN ROUTE	V174					(US)
EN ROUTE	V44					(US)
EN ROUTE	V493					(US)
IAP	VOR RWY 10		2	KDWU	ASHLAND	KY (US)
IAP	VOR/DME-A			KI43	JACKSON	OH (US)
IAP	VOR/DME-A		1	KPMH	PORTSMOUTH	OH (US)
IAP	NDB RWY 25			KEOP	WAVERLY	OH (US)
IAP	RNAV (GPS) RWY 7			KEOP	WAVERLY	OH (US)
IAP	RNAV (GPS) RWY 23			KAMT	WEST UNION	OH (US)
IAP	RNAV (GPS) RWY 12			KHTS	HUNTINGTON	WV (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 22 **DATE OF REVISION:** 06/17/2021

**REASON FOR REVISION:**

UPDATED FIX USE, REMOVED LOCKBOURNE DP @ KLCK AND RHOMM DP AT KCVG.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A422 **NAME:** HEIDI SNIDER

**APPROVED BY:** **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: ATL  
ARTCC: ZID  
ATC FACILITY: HTS APP CON/ATCT  
OTHER: