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: **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	CHARLESTON	HVQ	VOR/DME	H							45000

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	W	HVQ	VOR/DME	261.00	081.00	R	1		3000	10000	6	9
2	W	HVQ	VOR/DME	263.53	083.53	R	1		3000	10000	6	9
3	W		WP	261.00	081.00	R		6	3000	10000	7	10
4	W		WP	261.00	081.00	R		4	4000	4000	4	4

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	200	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
4	175	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D

HOLDING RESTRICTIONS:
PAT 4 CHART 175K ICON
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PAT 1 CONTROLLING OBSTACLE LOCATED 3458' INTO THE SECONDARY AREA - PRIMARY EQUIVALENT OBSTACLE IS 1907'.
PAT 2 CONTROLLING OBSTACLE LOCATED 2159' INTO THE SECONDARY AREA - PRIMARY EQUIVALENT OBSTACLE IS 1961'.
PAT 3 CONTROLLING OBSTACLE LOCATED 2410' INTO THE SECONDARY AREA - PRIMARY EQUIVALENT OBSTACLE IS 1950'.
PAT 4 CONTROLLING OBSTACLE LOCATED 9513' INTO THE SECONDARY AREA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 3 DEGREES W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	DIKSN ONE (RNAV) DEPARTURE			WV56	KANAWHA	WV (US)
SPECIAL IAP	COPTER RNAV (GPS) 30		4	WV56	KANAWHA	WV (US)
DP	GIPLE (RNAV)			CVG	COVINGTON	KY (US)
DP	KINGS			TRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	KNOXVILLE			TYS	KNOXVILLE	TN (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	Q147					(US)
EN ROUTE	Q68					(US)
EN ROUTE	T423					(US)
EN ROUTE	V115					(US)
EN ROUTE	V128					(US)
EN ROUTE	V133					(US)
EN ROUTE	V309					(US)
EN ROUTE	V35					(US)
EN ROUTE	V4					(US)
EN ROUTE	V45					(US)
IAP	ILS OR LOC RWY 23		1	CRW	CHARLESTON	WV (US)
IAP	ILS OR LOC RWY 5		1	CRW	CHARLESTON	WV (US)
IAP	RNAV (GPS) Y RWY 23		3	CRW	CHARLESTON	WV (US)
IAP	RNAV (GPS) Y RWY 5			CRW	CHARLESTON	WV (US)
IAP	RNAV (RNP) Z RWY 23			CRW	CHARLESTON	WV (US)
IAP	VOR-A		2	CRW	CHARLESTON	WV (US)
IAP	RNAV (GPS) RWY 8			I16	PINEVILLE	WV (US)
STAR	TRUPS (RNAV)			DCA	WASHINGTON	DC (US)
STAR	GIBBZ (RNAV)			HEF	WASHINGTON	DC (US)
STAR	GIBBZ (RNAV)			IAD	WASHINGTON	DC (US)
STAR	TRUPS (RNAV)			ADW	CAMP SPRINGS	MD (US)
STAR	TRUPS (RNAV)			DAA	FORT BELVOIR	VA (US)
STAR	GIBBZ (RNAV)			JYO	LEESBURG	VA (US)

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

QUALITY 42 CHECKED

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 34 **DATE OF REVISION:** 12/24/2026

REASON FOR REVISION:
1. FIX USE UPDATE: REMOVED VOR-A AT 12V.

INITIATED BY:	**DATE:**	**ORGANIZATION:**	**NAME:**
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	**NAME:** KWEKU DONKOR
APPROVED BY:	**DATE:** 11/19/2026	**OFFICE:** AJV-A421	**NAME:** TARA MARTINELLI
	SIGNATURE:		

Digitally signed by
TARA N MARTINELLI
Sep 28, 2026

QUALITY 42 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CROUP **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 383017.39N/0822356.45W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

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

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	NE		WP	055.67	235.67	R		4	4000	6000	5	13
2	NE		WP	055.67	235.67	R		4	3000	3000	4	4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-004392)	383321.01N/0821935.97W	1311	2C
1	310	TOWER (54-001137)	383021.07N/0821232.35W	2131	5E
2	175	TOWER (39-004392)	383321.01N/0821935.97W	1311	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN(S)
PAT 2 CHART 175K ICON

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FIX 8.88 FT WEST OF CENTERLINE; FIX NOT RELOCATED PER SOP DATED 2-28-12.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	COPTER RNAV (GPS) 29		2	WV27	HUNTINGTON	WV (US)
EN ROUTE	T315					(US)
IAP	RNAV (GPS) RWY 12		1	HTS	HUNTINGTON	WV (US)
IAP	RNAV (GPS) RWY 30		1	HTS	HUNTINGTON	WV (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, SPECIAL IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 12/24/2026

REASON FOR REVISION:
1. FIX USE UPDATE: REMOVED VOR-A AT 12V.
2. FIX MAKE-UP FACILITIES UPDATE: REMOVED FAC 1
3. HOLDING PATTERNS UPDATE: REMOVE PAT 2 (HVQ) AND ASSOCIATED DATA. CHANGED PAT 3 AND ASSOCIATED DATA TO PAT 2.
4. NAME TYPE UPDATE: REMOVED DME.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 **NAME:** KWEKU DONKOR

APPROVED BY: **DATE:** 11/19/2026 **OFFICE:** AJV-A421 **NAME:** TARA MARTINELLI

SIGNATURE:

Digitally signed by
TARA N MARTINELLI
Sep 28, 2026

QUALITY 42 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GOMEZ **STATE:** WV **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 382521.49N/0820654.25W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

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	CHARLESTON	HVQ	VOR/DME	H	288.14	285.14	16.86	16.86		3100	10000

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		12V	MILTON	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 10/10/2019

REASON FOR REVISION:
1. CHANGED FIX TYPE FROM: INT AND DME, TO: DME - SEE #2.
2. DELETED FAC 2 HNN VORTAC FROM FIX MAKEUP - NO LONGER REQUIRED FOR SIAP.
3. DELETED MAG VAR: "CRW 3 W, HNN 3 W" IN REMARKS.
4. CHANGED FAC 1 MRA FROM "3000" TO "3100".

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** ROBERT COOK

APPROVED BY: **DATE:** 11/19/2026 **OFFICE:** AJV-A421 **NAME:** TARA MARTINELLI

SIGNATURE:

Digitally signed by
TARA N MARTINELLI
Sep 28, 2026

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

QUALITY 42 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JUVOR **STATE:** WV **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 382623.37N/0821149.94W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

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	CHARLESTON	HVQ	VOR/DME	H	288.14	285.14	20.87	20.87		1480	1600

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		12V	MILTON	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 10/10/2019

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** ROBERT COOK

APPROVED BY: **DATE:** 11/19/2026 **OFFICE:** AJV-A421 **NAME:** TARA MARTINELLI

SIGNATURE:

Digitally signed by
TARA N MARTINELLI
Sep 28, 2026

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

QUALITY 42 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SPEDI **STATE:** WV **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 382233.66N/0815337.98W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

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	CHARLESTON	HVQ	VOR/DME	H	288.14	285.14	6.06	6.06		3100	10000

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		12V	MILTON	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 10/10/2019

REASON FOR REVISION:
1. CHANGED FIX TYPE FROM: INT AND DME, TO: DME - SEE #2.
2. DELETE FAC 2 HNN VORTAC FROM FIX MAKEUP - NO LONGER REQUIRED FOR SIAP.
3. CHANGED FAC 1 MRA FROM 3000 TO 3100.
4. DELETED MAG VAR: CRW 3 W, HNN 3 W IN REMARKS.
5. ADDED DIST FROM FAC IN NM TO FAC 1.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** ROBERT COOK

APPROVED BY: **DATE:** 11/19/2026 **OFFICE:** AJV-A421 **NAME:** TARA MARTINELLI

SIGNATURE:

Digitally signed by
TARA N MARTINELLI
Sep 28, 2026

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

QUALITY 42 CHECKED