

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 382614.48N/0804555.55W **TYPE:** WP, DME

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

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CHARLESTON	HVQ	VOR/DME	H	086.36	083.36	47.67	47.67		5000	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HVQ	VOR/DME	R-086	48	5000	15600

**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	S		WP	199.69	019.69	R		5	4500	6000	6	6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	382212.00N/0803912.00W	3061	2E

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

CHARLESTON (FAC 1) USED TO ESTABLISH FIX COORDINATES  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V128	1				WV (US)
IAP	RNAV (GPS)-A		1	KSXL	SUMMERSVILLE	WV (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 5 **DATE OF REVISION:** 09/13/2018

**REASON FOR REVISION:**

1. REMOVE FAC 2 (RNL) AND ASSOCIATED DATA.

**DEVELOPED BY:** **DATE:** 05/09/2018 **OFFICE:** AJV-5432 **NAME:** ERIC GREEN

**APPROVED BY:** **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** EST  
**ARTCC:** ZID, ZDC  
**ATC FACILITY:** CRW APP CON  
**OTHER:**

QUALITY  
22  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 382330.16N/0811803.92W **TYPE:** WP, INT, 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	CHARLESTON	HVQ	VOR/DME	H	086.36	083.36	22.26	22.26		3400	17500
2	BECKLEY	BKW	VOR/DME	H	353.12	347.12		37.60		3400	17500

**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	E	HVQ	VOR/DME	086.36	266.36	R	1	5000 14000	7 12

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	381933.00N/0811536.00W	1913	4D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS  
HOLDING FOR ATC USE

**REMARKS:**

CHARLESTON (FAC 1) USED TO ESTABLISH FIX COORDINATES  
PRECIPITOUS TERRAIN EVALUATION COMPLETED

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V128	1, 2				WV (US)
IAP	RNAV (RNP) Z RWY 5			KCRW	CHARLESTON	WV (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 4 **DATE OF REVISION:** 05/24/2018

**REASON FOR REVISION:**

1. UPDATED FAC 2 FROM AND ASSOCIATED DATA FROM RNL TO BKW
2. REMOVED HOLDING PATTERN 2 ASSOCIATED WITH RNL.
3. FAC 1 CHANGED FROM VORTAC TO VOR/DME.

**DEVELOPED BY:** **DATE:** 01/04/2018 **OFFICE:** AJV-5432 **NAME:** ERIC GREEN

**APPROVED BY:** **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN

**SIGNATURE:** *Digitally signed by*

**ADOLFO D URRUTIA**

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

Apr 20, 2018

