

# RADIO FIX AND HOLDING DATA RECORD

NAME: CHARLESTON VORTAC STATE: SC COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 325339.55N/0800216.13W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

### FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC	MRA	MAA
							NM	FEET		
1	CHARLESTON	CHS	VORTAC	VH						45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

### PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W	CHS	VORTAC	274.00	094.00	R	1		3000	14000	4	10

### CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	STACK (45-000456)	325355.00N/0795759.00W	422	3C

### HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

### REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
MAG VAR: 1985/W05.

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JACKSONVILLE			KJAX	JACKSONVILLE	FL (US)
DP	PACKK			KRDU	RALEIGH/DURHAM	NC (US)
EN ROUTE	V1					(US)
EN ROUTE	V18					(US)
EN ROUTE	V417					(US)
EN ROUTE	V437					(US)
EN ROUTE	V53					(US)
IAP	ILS OR LOC RWY 1			KSAV	SAVANNAH	GA (US)
IAP	ILS OR LOC RWY 10			KSAV	SAVANNAH	GA (US)
IAP	ILS RWY 10 (SA CAT I-II)			KSAV	SAVANNAH	GA (US)
IAP	VOR/DME OR TACAN RWY 1			KSAV	SAVANNAH	GA (US)
IAP	VOR/DME-A			KSAV	SAVANNAH	GA (US)
IAP	HI-VOR Z OR TACAN Z RWY 15			KCHS	CHARLESTON	SC (US)
IAP	ILS OR LOC RWY 15			KCHS	CHARLESTON	SC (US)
IAP	ILS OR LOC RWY 33			KCHS	CHARLESTON	SC (US)
IAP	ILS RWY 15 (CAT II)			KCHS	CHARLESTON	SC (US)
IAP	ILS RWY 15 (SA CAT I)			KCHS	CHARLESTON	SC (US)
IAP	RNAV (GPS) Y RWY 15			KCHS	CHARLESTON	SC (US)
IAP	RNAV (GPS) Y RWY 21			KCHS	CHARLESTON	SC (US)
IAP	RNAV (GPS) Y RWY 3			KCHS	CHARLESTON	SC (US)
IAP	RNAV (GPS) Y RWY 33			KCHS	CHARLESTON	SC (US)
IAP	VOR Y OR TACAN Y RWY 15			KCHS	CHARLESTON	SC (US)
IAP	VOR/DME OR TACAN RWY 21			KCHS	CHARLESTON	SC (US)
IAP	VOR/DME OR TACAN RWY 3			KCHS	CHARLESTON	SC (US)
IAP	VOR/DME OR TACAN RWY 33			KCHS	CHARLESTON	SC (US)
IAP	ILS OR LOC RWY 9			KJZI	CHARLESTON	SC (US)
IAP	RNAV (GPS) RWY 27			KJZI	CHARLESTON	SC (US)
IAP	RNAV (GPS) RWY 9			KJZI	CHARLESTON	SC (US)
IAP	LOC RWY 21			KHXD	HILTON HEAD ISLAND	SC (US)
IAP	RNAV (GPS) RWY 5			KMKS	MONCK'S CORNER	SC (US)
IAP	VOR/DME-A			KMKS	MONCK'S CORNER	SC (US)
IAP	VOR/DME-A		1	KLRO	MOUNT PLEASANT	SC (US)
IAP	NDB RWY 6			KDYB	SUMMERVILLE	SC (US)
IAP	ILS Y OR LOC Y RWY 23			KRBW	WALTERBORO	SC (US)
IAP	RNAV (GPS) RWY 35			KRBW	WALTERBORO	SC (US)
STAR	STUGE			KAGS	AUGUSTA	GA (US)
STAR	STOCR (RNAV)			KCLT	CHARLOTTE	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 09/05/2024

### REASON FOR REVISION:

- FIX USE CHANGED FROM "HI-VOR OR TACAN RWY 15" TO "HI-VOR Z OR TACAN Z RWY 15 AT KCHS."
- CHANGED FIX USE "VOR/DME OR TACAN RWY 15" TO "VOR Y OR TACAN Y RWY 15 AT KCHS."
- REMOVED AIRSPACE DOCKET : 22-ASO-10.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

**NAME:** BRITNEY ARMENTROUT

**APPROVED BY:**

**DATE:** 09/05/2024

**OFFICE:** AJV-A422

**NAME:** RAKE MCGRAW

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: COLOT

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 325445.01N/0800257.40W

TYPE: 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	MRA	MAA
								NM FEET		
1	CHARLESTON	CHS	VORTAC	VH	337.00	332.00	1.23	1.23	360	10000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI - VOR Z OR TACAN Z RWY 15	1		KCHS	CHARLESTON	SC (US)
IAP	VOR Y OR TACAN Y RWY 15	1		KCHS	CHARLESTON	SC (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/05/2024

## REASON FOR REVISION:

1. CHS VORTAC CLASS CHANGED FROM "H" TO "VH."
2. FIX USE CHANGED FROM "HI-VOR OR TACAN RWY 15" TO "HI-VOR Z OR TACAN Z RWY 15 AT KCHS."
3. FIX USE CHANGED FROM "VOR OR TACAN RWY 15" TO "VOR Y OR TACAN Y RWY 15 AT KCHS."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BRITNEY ARMENTROUT

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: MYRAA

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 325711.83N/0800430.02W

TYPE: 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		MRA	MAA
								NM	FEET		
1	CHARLESTON	CHS	VORTAC	VH	337.00	332.00	4.00	4.00	24302	1100	10000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI - VOR Z OR TACAN Z RWY 15	1		KCHS	CHARLESTON	SC (US)
IAP	VOR Y OR TACAN Y RWY 15	1		KCHS	CHARLESTON	SC (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/05/2024

## REASON FOR REVISION:

1. CHS VORTAC CLASS CHANGED FROM "H" TO "VH."
2. FIX USE CHANGED FROM "HI-VOR OR TACAN RWY 15" TO "HI-VOR Z OR TACAN Z RWY 15 AT KCHS."
3. FIX USE CHANGED FROM "VOR OR TACAN RWY 15" TO "VOR Y OR TACAN Y RWY 15 AT KCHS."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BRITNEY ARMENTROUT

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WANDO **STATE:** SC **COUNTRY:** US **ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 330203.39N/0795027.43W **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 FAC NM	FEET	MRA	MAA
1	CHARLESTON	CHS	VORTAC	VH	054.80	049.80	13.00	13.00		2000	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	NW		WP	335.00	155.00	L		4	2000	14000	4	11
2	NE	CHS	VORTAC	054.80	234.80	R	1		3500	17500	4	16

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-000365)	330232.00N/0794836.00W	537	3C
2	200	TOWER (45-000365)	330232.00N/0794836.00W	537	3C
2	310	TOWER (45-070004)	330654.00N/0795425.00W	546	4D

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 ATC REQUEST

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	ILS RWY 15 (SA CAT I)	KCHS	CHARLESTON	SC (US)
2	HI - VOR Z OR TACAN Z RWY 15	KCHS	CHARLESTON	SC (US)
2	VOR Y OR TACAN Y RWY 15	KCHS	CHARLESTON	SC (US)
2	ILS RWY 15 (CAT II)	KCHS	CHARLESTON	SC (US)
2	ILS OR LOC RWY 15	KCHS	CHARLESTON	SC (US)

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V1	1				(US)
IAP	HI - VOR Z OR TACAN Z RWY 15	1	2	KCHS	CHARLESTON	SC (US)
IAP	ILS OR LOC RWY 15	1	2	KCHS	CHARLESTON	SC (US)
IAP	ILS RWY 15 (CAT II)	1	2	KCHS	CHARLESTON	SC (US)
IAP	ILS RWY 15 (SA CAT I)	1	2	KCHS	CHARLESTON	SC (US)
IAP	VOR Y OR TACAN Y RWY 15	1	2	KCHS	CHARLESTON	SC (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 10

**DATE OF REVISION:** 09/05/2024

**REASON FOR REVISION:**

1. CHS VORTAC CLASS CHANGED FROM "H" TO "VH."
2. FIX USE CHANGED FROM "HI-VOR OR TACAN RWY 15" TO "HI-VOR Z OR TACAN Z RWY 15 AT KCHS."
3. FIX USE CHANGED FROM "VOR OR TACAN RWY 15" TO "VOR Y OR TACAN Y RWY 15 AT KCHS."
4. PAT 2: REMOVED LEG LENGTH DME "5" AND ADDED LEG LENGTH TIME "1."

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**  
**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A422 **NAME:** BRITNEY ARMENTROUT  
**APPROVED BY:** **DATE:** 09/05/2024 **OFFICE:** AJV-A422 **NAME:** RAKE MCGRAW  
**SIGNATURE:**