

RADIO FIX AND HOLDING DATA RECORD

NAME: CHESTERFIELD VOR/DME **STATE:** SC **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 343901.79N/0801629.70W **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 FEET	MAA
1	CHESTERFIELD	CTF	VOR/DME	L						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	W	CTF	VOR/DME	259.72	079.72	R	1	2100 6000	4 5
2	NW	CTF	VOR/DME	335.45	155.45	R	1	2200 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	343912.00N/0802503.00W	809	2C
2	200	AAO	344511.86N/0802504.67W	890	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
MAG VAR W03/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HUGO			KVUJ	ALBEMARLE	NC (US)
DP	HUGO			KCLT	CHARLOTTE	NC (US)
DP	HUGO			KJQF	CONCORD	NC (US)
DP	MOUNTY			KFAY	FAYETTEVILLE	NC (US)
DP	HUGO			KAH	GASTONIA	NC (US)
DP	HUGO			KIPJ	LINCOLNTON	NC (US)
DP	HUGO			KEQY	MONROE	NC (US)
DP	HUGO			KRUQ	SALISBURY	NC (US)
DP	HUGO			KLKR	LANCASTER	SC (US)
DP	HUGO			KUZA	ROCK HILL	SC (US)
EN ROUTE	V103					(US)
EN ROUTE	V155					(US)
EN ROUTE	V259					(US)
IAP	ILS OR LOC RWY 5			KEQY	MONROE	NC (US)
IAP	RNAV (GPS) RWY 5			KEQY	MONROE	NC (US)
IAP	ILS OR LOC RWY 34			KAHP	WADESBORO	NC (US)
IAP	RNAV (GPS) RWY 22			KN52	WAXHAW	NC (US)
IAP	RNAV (GPS) RWY 4			KN52	WAXHAW	NC (US)
IAP	NDB RWY 7			KBBP	BENNETTSVILLE	SC (US)
IAP	VOR/DME-A			KCDN	CAMDEN	SC (US)
IAP	VOR/DME RWY 08		1	KCQW	CHERAW	SC (US)
IAP	NDB RWY 23			KUDG	DARLINGTON	SC (US)
IAP	RNAV (GPS) RWY 23			KUDG	DARLINGTON	SC (US)
IAP	ILS OR LOC RWY 9			KFLO	FLORENCE	SC (US)
IAP	VOR OR TACAN-A			KFLO	FLORENCE	SC (US)
IAP	VOR-A		2	KHVS	HARTSVILLE	SC (US)
IAP	NDB RWY 24			KLKR	LANCASTER	SC (US)
IAP	RNAV (GPS) RWY 24			KLKR	LANCASTER	SC (US)
IAP	NDB RWY 24			KPYG	PAGELAND	SC (US)
IAP	ILS OR LOC/DME RWY 23			KSMS	SUMTER	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 08/17/2017

REASON FOR REVISION:

QUALITY
17
CHECKED

1. HOLDING: ESTABLISHED PATTERN 2.
2. REMARKS: ADDED ASSIGNED FACILITY MAG VAR W03/1965.
3. FIX USE: ADDED VOR-A FOR KHVS AND ADDED PAT 2.
4. FIX USE: KHVS REMOVED NDB RWY 21; RNAV (GPS) RWY 21; AND RNAV (GPS) RWY 3 FROM FIX USE.
5. FIX USE: REMOVED NASCR STAR FROM FIX USE AT KVUJ, KJQF, AND KRUQ.
6. REMOVED STAR FROM REQUIRED CHARTING.
7. REMOVED C-I-H AT KCQW.
8. REMOVED WINSTON DP FROM FIX USE.

DEVELOPED BY: **DATE:** 03/29/2017 **OFFICE:** AJV-5423 **NAME:** DION LANCIA (WILLIAM HANBY)

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE: *Digitally signed by*
VICTOR B NASO

DISTRIBUTION: NFDC Jun 02, 2017
 FPO: EST
 ARTCC: ZJX
 ATC FACILITY: CLT APP CON, SCC APP CON, CAE APP CON, FLO APP CON
 OTHER: ZTL

QUALITY
17
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HENBY STATE: VA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 364310.15N/0800129.31W TYPE: WP, INT, DME

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	ROANOKE	ROA	VOR/DME	L	180.63	176.63	37.46	37.46	5100	33000
2	LYNCHBURG	LYH	VORTAC	L	235.00	230.00		49.64	4000	31000
3	GREENSBORO	GSO	VORTAC	H	359.69	356.69	40.44	40.44	4000	31000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ROA	VOR/DME	R-181	38	21000	33000
LYH	VORTAC	R-235	50	4000	31000
GSO	VORTAC	R-360	41	4000	15500

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	N	ROA	VOR/DME	180.66	180.66	L	1-1 1/2		5600	31000	7	25
2	N	GSO	VORTAC	359.69	179.69	L	1-1 1/2		4000	31000	7	25

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	365233.00N/0800127.00W	2039	2C
2	200	AAO	365233.00N/0800127.00W	2039	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST
 PAT 2 AIR TRAFFIC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PATTERN 2 ATC USE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V103	1, 2				(US)
EN ROUTE	V222	1, 2				(US)
IAP	RNAV (GPS) RWY 26 (SPECIAL)			K1VA1	STUART	VA (US)
STAR	NASCR	1, 2, 3		KVUJ	ALBEMARLE	NC (US)
STAR	NASCR	1, 2, 3		KJQF	CONCORD	NC (US)
STAR	HENBY	1, 2, 3	1	KGSO	GREENSBORO	NC (US)
STAR	NASCR	1, 2, 3		KRUQ	SALISBURY	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 DATE OF REVISION: 08/17/2017

REASON FOR REVISION:

ADDED STAR NASCR (KRUQ) TO FIX USE.
 ADDED STAR NASCR (KVUJ) TO FIX USE.

DEVELOPED BY: DATE: 05/03/2017 OFFICE: AJV-5410 NAME: VICTOR NASO (THERON CYRUS)

APPROVED BY: DATE: OFFICE: AJV-5410 NAME: GEORGE DAVIS

SIGNATURE: *Digitally signed by*
VICTOR B NASO

Jun 02, 2017

DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZDC
 ATC FACILITY: GSO
 OTHER: ROA APP CON

QUALITY
17
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NASCR

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 352719.99N/0803219.15W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM FEET	MRA	MAA
1	CHESTERFIELD	CTF	VOR/DME	L	348.00	345.00	49.94	49.94	4000	17500
2	GREENSBORO	GSO	VORTAC	H	221.00	218.00	44.77	44.77	4000	17500
3	LIBERTY	LIB	VORTAC	L	248.05	245.05	50.06	50.06	4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CTF	VOR/DME	R-348	50	4000	24000
GSO	VORTAC	R-248	45	4000	24000
LIB	VORTAC	R-248	51	4000	24000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

REMARKS:
CHESTERFIELD (FAC 1) AND LIBERTY (FAC 3) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 20			KJQF	CONCORD	NC (US)
STAR	KABEE (RNAV)			KVUJ	ALBEMARLE	NC (US)
STAR	NASCR	2, 3		KVUJ	ALBEMARLE	NC (US)
STAR	KABEE (RNAV)			KJQF	CONCORD	NC (US)
STAR	NASCR	2, 3		KJQF	CONCORD	NC (US)
STAR	KABEE (RNAV)			KRUQ	SALISBURY	NC (US)
STAR	NASCR	2, 3		KRUQ	SALISBURY	NC (US)
STAR	KABEE (RNAV)			KSVH	STATESVILLE	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 08/17/2017

REASON FOR REVISION:

UPDATED FIX USE. ADDED NASCR STAR (KVUJ).
REMOVED FAC 1 (CTF) FROM NASCR USE.

DEVELOPED BY: DATE: 05/02/2017

OFFICE: AJV-5410

NAME: VICTOR NASO (THERON CYRUS)

APPROVED BY: _____ DATE: _____

OFFICE: AJV-5410

NAME: GEORGE DAVIS

SIGNATURE: *VICTOR B NASO*

Digitally signed by

Jun 02, 2017

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT TRACON, KJQF ATCT
OTHER:

QUALITY
17
CHECKED