

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: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA FEET	MAA
1	CHARLESTON	CHS	VORTAC	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 DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	CHS	VORTAC	274.00	094.00	R	1	3000 14000	4 10
2	N	CHS	VORTAC	357.00	177.00	R	1	3000 37000	4 26

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	STACK (45-000456)	325355.00N/0795759.00W	422	3C
2	200	TOWER (45-000533)	330025.00N/0800515.00W	396	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 HOLDING PATTERN 2 FOR ATC USE.
 CHS MAGVAR 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	AR12					(US)
EN ROUTE	AR25					(US)
EN ROUTE	AR7					(US)
EN ROUTE	J121					(US)
EN ROUTE	J174					(US)
EN ROUTE	J40					(US)
EN ROUTE	J55					(US)
EN ROUTE	J79					(US)
EN ROUTE	V1					(US)
EN ROUTE	V18					(US)
EN ROUTE	V311					(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/DME OR TACAN RWY 15			KCHS	CHARLESTON	SC (US)
IAP	ILS OR LOC RWY 15			KCHS	CHARLESTON	SC (US)
IAP	ILS OR LOC/DME 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/DME OR TACAN 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: 15

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

DELETED TAR HEEL DP FROM FIX USE - TAR HEEL DP IS BEING CANCELLED.

ADDED PACKK DP TO FIX USE - FPT/ATC REQUEST.

DELETED ROZBO (RNAV) SID AT KRDU FROM FIX USE - FPT/ATC REQUEST, NO LONGER USES FACILITY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZJX

ATC FACILITY: CHS APP CON

OTHER: HQ AMC

RADIO FIX AND HOLDING DATA RECORD

NAME: EVIGY

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 353737.20N/0785547.40W

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 NM	FAC FEET	MRA	MAA
1	RALEIGH/DURHAM	RDU	VORTAC	H	214.98	205.98	16.36	16.36		3200	17500
2	FAYETTEVILLE	FAY	VOR/DME	L	000.01	356.01		38.52		3200	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RALEIGH/DURHAM (FAC1) AND FAYETTEVILLE (FAC2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HOOKZ (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
DP	PACKK	1, 2		KRDU	RALEIGH/DURHAM	NC (US)
DP	RALEIGH	1, 2		KRDU	RALEIGH/DURHAM	NC (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

DELETED FAYETTEVILLE DP FROM FIX USE - FAYETTEVILLE DP IS BEING CANCELLED.
DELETED REMARK: CHART AS CNF ON FAYETTEVILLE DEPARTURE - FAYETTEVILLE DP IS BEING CANCELLED.
ADDED PACKK DP TO FIX USE - FPT/ATC REQUEST, FIX IS ON NEW DP TRANSITION ROUTE.
ADDED INT, DME TO FIX TYPE - FIX IS NOW AN INTERSECTION (INT), DME FIX.
ADDED FAC 1 (RDU) AND FAC 2 (FAY) - TO SUPPORT INTERSECTION AND DME FUNCTIONS.
ADDED RALEIGH DP TO FIX USE - FPT/ATC REQUEST, FIX IS ON NEW DP TRANSITION ROUTE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: RDU APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: FAYETTEVILLE VOR/DME **STATE:** NC **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 345907.98N/0785230.23W **TYPE:**

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	MRA	MAA
1	FAYETTEVILLE	FAY	VOR/DME	L						17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (37-001791)	344751.00N/0790241.00W	1249	2D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2500.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-5311 A-B-C AND FT BRAGG NORTH A,B OR SOUTH A,B MOA.
MAG VAR W04/1965

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MOUNTY			KFAY	FAYETTEVILLE	NC (US)
DP	FAYETTEVILLE			KRDU	RALEIGH/DURHAM	NC (US)
DP	HOOKZ (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
DP	RALEIGH			KRDU	RALEIGH/DURHAM	NC (US)
DP	TAR HEEL			KRDU	RALEIGH/DURHAM	NC (US)
EN ROUTE	V136					(US)
EN ROUTE	V157					(US)
EN ROUTE	V296					(US)
EN ROUTE	V54					(US)
EN ROUTE	V56					(US)
IAP	LOC RWY 6	1		KCTZ	CLINTON	NC (US)
IAP	VOR/DME-A	1		KCTZ	CLINTON	NC (US)
IAP	VOR/DME RWY 15	1		KEYF	ELIZABETHTOWN	NC (US)
IAP	LOC RWY 5	1		KHRJ	ERWIN	NC (US)
IAP	NDB RWY 23	1		KHRJ	ERWIN	NC (US)
IAP	ILS OR LOC RWY 4	1		KFAY	FAYETTEVILLE	NC (US)
IAP	LOC BC RWY 22	1		KFAY	FAYETTEVILLE	NC (US)
IAP	VOR RWY 22	1		KFAY	FAYETTEVILLE	NC (US)
IAP	VOR RWY 28	1		KFAY	FAYETTEVILLE	NC (US)
IAP	VOR RWY 4	1		KFAY	FAYETTEVILLE	NC (US)
IAP	NDB RWY 27	1		KFBG	FORT BRAGG	NC (US)
IAP	RNAV (GPS) RWY 27			KFBG	FORT BRAGG	NC (US)
IAP	ILS OR LOC RWY 5	1		KLBT	LUMBERTON	NC (US)
IAP	RNAV (GPS) RWY 13			KLBT	LUMBERTON	NC (US)
IAP	ILS OR LOC RWY 5	1		KMEB	MAXTON	NC (US)
IAP	RNAV (GPS) A			K5W4	RAEFORD	NC (US)
IAP	VOR A	1		K5W4	RAEFORD	NC (US)
IAP	NDB RWY 7	1		KBBP	BENNETTSVILLE	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 05/24/2018

REASON FOR REVISION:

UPDATED FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 03/19/2018	OFFICE: AJV-5411	NAME: BRYAN BLUE
APPROVED BY:	DATE:	OFFICE: AJV-A430	NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: FAY APP CON, FBG ATCT

OTHER: USAASA

RADIO FIX AND HOLDING DATA RECORD

NAME: LIBERTY VORTAC

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 354841.84N/0793645.33W

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	LIBERTY	LIB	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	NE	LIB	VORTAC	056.00	236.00	R	1	3000 17500	4 16
2	NW	LIB	VORTAC	324.00	144.00	L	1	2500 17500	4 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-020255)	354753.80N/0793832.50W	1101	5D
1	265	TOWER (37-002503)	355203.00N/0794925.00W	2649	2C
2	200	TOWER (37-002113)	355423.00N/0794226.00W	1117	2C
2	230	TOWER (37-002503)	355203.00N/0794925.00W	2649	2C

REASON FOR NONSTANDARD HOLDING:

PAT 2 AIR TRAFFIC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAG VAR W03/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHARLOTTE			KCLT	CHARLOTTE	NC (US)
DP	MOUNTY			KFAY	FAYETTEVILLE	NC (US)
DP	TRIAD			KGSO	GREENSBORO	NC (US)
DP	HICKORY (OBSTACLE)			KHKY	HICKORY	NC (US)
DP	PACKK			KRDU	RALEIGH/DURHAM	NC (US)
DP	RALEIGH			KRDU	RALEIGH/DURHAM	NC (US)
DP	TRAID			KINT	WINSTON-SALEM	NC (US)
EN ROUTE	V194					NC (US)
EN ROUTE	V409					NC (US)
EN ROUTE	V454					NC (US)
IAP	ILS OR LOC RWY 22L			KVUJ	ALBEMARLE	NC (US)
IAP	RNAV (GPS) RWY 21			KHBI	ASHEBORO	NC (US)
IAP	VOR-A			KHBI	ASHEBORO	NC (US)
IAP	ILS Y OR LOC Y RWY 6		1	KBUY	BURLINGTON	NC (US)
IAP	ILS Z OR LOC Z RWY 6		1	KBUY	BURLINGTON	NC (US)
IAP	VOR/DME-A			KBUY	BURLINGTON	NC (US)
IAP	LOC RWY 5			KHRJ	ERWIN	NC (US)
IAP	ILS OR LOC RWY 23L		1	KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 23R			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5L			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5R		1	KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 23L (CAT II)		1	KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 5L (CAT II - III)			KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 5R (SA CAT II)		1	KGSO	GREENSBORO	NC (US)
IAP	ILS Y OR LOC/DME Y RWY 32		1	KGSO	GREENSBORO	NC (US)
IAP	ILS Z OR LOC/DME Z RWY 32		1	KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 6			KEXX	LEXINGTON	NC (US)
IAP	VOR RWY 2		1	K2A5	LIBERTY	NC (US)
IAP	ILS OR LOC RWY 23R (ALT MA)			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS RWY 23R (CAT II - III) (ALT MA)			KRDU	RALEIGH/DURHAM	NC (US)
IAP	VOR RWY 32			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS Y OR LOC Y RWY 3			KTTA	SANFORD	NC (US)
IAP	ILS Z OR LOC Z RWY 3			KTTA	SANFORD	NC (US)
IAP	VOR-A		2	KSCR	SILER CITY	NC (US)
IAP	RNAV (GPS) RWY 21			K43A	STAR	NC (US)
STAR	NASCR			KVUJ	ALBEMARLE	NC (US)
STAR	MAJIC			KCLT	CHARLOTTE	NC (US)
STAR	NASCR			KJQF	CONCORD	NC (US)
STAR	MAJIC			KAKH	GASTONIA	NC (US)
STAR	MAJIC			KIPJ	LINCOLNTON	NC (US)
STAR	MAJIC			KEQY	MONROE	NC (US)
STAR	NASCR			KRUQ	SALISBURY	NC (US)

STAR	MAJIC	KEHO	SHELBY	NC (US)
STAR	MAJIC	KAFP	WADESBORO	NC (US)
STAR	MAJIC	KN52	WAXHAW	NC (US)
STAR	MAJIC	KDCM	CHESTER	SC (US)
STAR	MAJIC	KLKR	LANCASTER	SC (US)
STAR	MAJIC	KUZA	ROCK HILL	SC (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: 05/21/2020

REASON FOR REVISION:

FIX USE: DELETED "SA" FROM KGSO ILS RWY 23L; ADDED (ALT MA) TO KRDU ILS OR LOC RWY 23R AND ILS RWY 23R (CAT II - III);
DELETED KRDU - ILS OR LOC RWY 5L (FAC IS ONLY USED AS A CROSSING RADIAL)

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** JACOB MAXFIELD

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: EST
 ARTCC: ZDC
 ATC FACILITY: RDU APP CON, GSO APP CON, CLT APP CON, FAY APP CON
 OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ROANOKE VOR/DME STATE: VA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 372036.47N/0800413.43W 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	ROANOKE	ROA	VOR/DME	L						45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ROA	VOR/DME	R-180	15	24000	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 DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	S	ROA	VOR/DME	180.00	360.00	L	1 1/2	24000 45000	19 29

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

NAVAID IS CHARTED ON HIGH ENROUTE FOR REFERENCE ONLY.
 HOLD PAT 1 USED FOR HIGH ALTITUDE FLOW CONTROL/ATC REQUEST.
 FACILITY MAGVAR: W 04 / 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	QUAKER			KGSO	GREENSBORO	NC (US)
DP	HICKORY			KHKY	HICKORY	NC (US)
DP	QUAKER			KINT	WINSTON SALEM	NC (US)
DP	KINGS			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	BEMAR (RNAV)			KBCB	BLACKSBURG	VA (US)
DP	SETHY (RNAV)			KBCB	BLACKSBURG	VA (US)
DP	HURTT (RNAV)			KLYH	LYNCHBURG	VA (US)
DP	BUFIY (RNAV)			KROA	ROANOKE	VA (US)
DP	MONAT (RNAV)			KROA	ROANOKE	VA (US)
DP	TAKEOFF MINIMUMS			KROA	ROANOKE	VA (US)
EN ROUTE	V103					(US)
EN ROUTE	V16					(US)
EN ROUTE	V258					(US)
EN ROUTE	V260					(US)
EN ROUTE	V375					(US)
EN ROUTE	V473					(US)
IAP	LOC/DME RWY 12			KBCB	BLACKSBURG	VA (US)
IAP	NDB-A			KBCB	BLACKSBURG	VA (US)
IAP	ILS OR LOC Y RWY 6			KPSK	DUBLIN	VA (US)
IAP	ILS OR LOC Z RWY 6			KPSK	DUBLIN	VA (US)
IAP	RNAV (GPS) RWY 24			KPSK	DUBLIN	VA (US)
IAP	ILS OR LOC RWY 34			KROA	ROANOKE	VA (US)
STAR	NASCR			KVUJ	ALBEMARLE	NC (US)
STAR	NASCR			KJQF	CONCORD	NC (US)
STAR	HENBY			KGSO	GREENSBORO	NC (US)
STAR	NASCR			KRUQ	SALISBURY	NC (US)
STAR	HENBY			KINT	WINSTON-SALEM	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19 DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

1. FIX USE: REMOVED STAR ALDAN (RNAV) AT KRDU.
2. FIX USE: REMOVED DP LWOOD (RNAV) AND PACKK AT KRDU.
3. FIX USE: REMOVED STAR SOUTH BOSTON AT ALL LOCATIONS.
4. FIX USE: ADDED DP BEMAR (RNAV) AND SETHY (RNAV) AT KBCB.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI**APPROVED BY:****DATE:****OFFICE:** AJV-A430**NAME:** GEORGE DAVIS**SIGNATURE:****DISTRIBUTION:****NFDC****FPO:** EST**ARTCC:** ZDC**ATC FACILITY:** ROA APP CON**OTHER:**

RADIO FIX AND HOLDING DATA RECORD

NAME: ROZBO STATE: NC COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 345723.78N/0783737.22W 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	FAYETTEVILLE	FAY	VOR/DME	L	102.00	098.00	12.35	12.35	2000	17500
2	RALEIGH/DURHAM	RDU	VORTAC	H	181.00	172.00		55.40	5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RDU	VORTAC	R-181	56	5000	15000

FIX RESTRICTIONS:

MRA V56 5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FAYETTEVILLE (FAC 1) AND RALEIGH/DURHAM (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PACKK	1, 2		KRDU	RALEIGH/DURHAM	NC (US)
DP	RALEIGH	1, 2		KRDU	RALEIGH/DURHAM	NC (US)
DP	ROZBO (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
EN ROUTE	V56	1, 2				(US)
IAP	NDB RWY 27	1		KFBG	FORT BRAGG	NC (US)
IAP	RNAV (GPS) RWY 27			KFBG	FORT BRAGG	NC (US)
IAP	RNAV (GPS) RWY 5			KDPL	KENANSVILLE	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

DELETED TAR HEEL DP FROM FIX USE - TAR HEEL DP IS BEING CANCELLED.
 ADDED PACKK DP TO FIX USE - FPT/ATC REQUEST.
 CHANGED ESV RADIAL/BEARING AND MAX ALTITUDE FROM R-176 AND 14000 TO R-181 AND 15000 - PER AIRNAV ESV DATA.
 ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: ROBERT GRIM

APPROVED BY: DATE: OFFICE: AJV-A430 NAME: GEORGE DAVIS

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: SHPRD

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 353915.56N/0802836.36W

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	LIBERTY	LIB	VORTAC	L	260.67	257.67	43.25	43.25		3700	45000
2	GREENSBORO	GSO	VORTAC	H	229.30	226.30	33.85	33.85		3100	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LIB	VORTAC	R-261	44	3700	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

LIBERTY (FAC 1) AND GREENSBORO (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PACKK	1, 2		KRDU	RALEIGH/DURHAM	NC (US)
DP	SHPRD (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
EN ROUTE	HIGH	1, 2				NC (US)
EN ROUTE	LOW	1, 2				NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

ADDED CONTROLLER LOW AND CONTROLLER HIGH TO CHARTING.
CHANGED MRA FOR LIBERTY VORTAC FROM 3100 TO 3700 IN FIX MAKE-UP.
CHANGED MIN ALTITUDE FROM 3100 TO 3700 FOR LIBERTY VORTAC IN ESV.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LORRI DOWNEY

APPROVED BY:

DATE:

OFFICE: AJV-A450

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: RDU APP CON
OTHER: