

RADIO FIX AND HOLDING DATA RECORD

NAME: ANDYS

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 342214.70N/0810837.81W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BEAVY (RNAV)			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	BEAVY (RNAV)			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	BEAVY (RNAV)			JQF	CONCORD	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	BEAVY (RNAV)			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	BEAVY (RNAV)			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	BEAVY (RNAV)			EQY	MONROE	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	BEAVY (RNAV)			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	BEAVY (RNAV)			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	BEAVY (RNAV)			UZA	ROCK HILL	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)
EN ROUTE	T203					(US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

FIX USE: ADDED CHARLOTTE SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.

07/09/2026: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/21/2026.

FIX USE: CLT CORRECTED THE SPELLING OF CHARLOTTE DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

APRIL T SARMENTO

Apr 21, 2026



RADIO FIX AND HOLDING DATA RECORD

NAME: BEAVY

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 343404.77N/0810605.64W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BEAVY (RNAV)			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	BEAVY (RNAV)			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	BEAVY (RNAV)			JQF	CONCORD	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	BEAVY (RNAV)			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	BEAVY (RNAV)			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	BEAVY (RNAV)			EQY	MONROE	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	BEAVY (RNAV)			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	BEAVY (RNAV)			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	BEAVY (RNAV)			UZA	ROCK HILL	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

CHARTING: ADDED "ENROUTE LOW" AND "CONTROLLER LOW."

FIX USE: ADDED CHARLOTTE SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

APRIL T SARMENTO

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: BOBZY

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351108.04N/0813802.89W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BOBZY (RNAV)			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	BOBZY (RNAV)			CLT	CHARLOTTE	NC (US)
DP	BOBZY (RNAV)			JQF	CONCORD	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	BOBZY (RNAV)			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	BOBZY (RNAV)			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	BOBZY (RNAV)			EQY	MONROE	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	BOBZY (RNAV)			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	BOBZY (RNAV)			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	BOBZY (RNAV)			UZA	ROCK HILL	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. REMOVED "DME" FROM FIX TYPE.
2. FIX MAKE UP: REMOVED "CLT VOR/DME" AND "ODF VOR/DME."
3. ESV DATA: REMOVED "CLT VOR/DME" AND "ODF VOR/DME."
4. REMARK REMOVED: "CHARLOTTE (FAC 1) USED TO ESTABLISH FIX COORDINATES."
5. FIX USE: REMOVED KERMITT SID FROM AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
6. FIX USE: REMOVED KNIGHTS SID FROM AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
7. FIX USE: ADDED CHARLOTTE SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

APRIL T SARMENTO

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: BRCHM

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351254.81N/0800643.66W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/03/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO
Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: BUCKL STATE: SC COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 343130.13N/0805253.14W 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	FAC FEET	MRA	MAA
1	CHARLOTTE	CLT	VOR/DME	L	180.00	175.00	40.00	40.00		8000	17500

HOLDING: HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHARLOTTE	1		CLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

UPDATED FIX USE, REMOVED PANTHER SID FROM KVVJ, KCLT, KJQF, KAKH, KIPJ, KEQY, KRUQ, KLKR AND KUZA AIRPORTS.

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 12/06/2016 OFFICE: AJV-5422 NAME: GEORGETTE BARNETT

APPROVED BY: DATE: 07/30/2026 OFFICE: AJV-A432 NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: CLT APP CON
OTHER:

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	FEET	MRA	MAA
1	CHESTERFIELD	CTF	VOR/DME	VL							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	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	343915.00N/0802503.00W	807	4B
2	200	AAO	344445.00N/0802512.00W	896	4B

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	MOUNTY			FAY	FAYETTEVILLE	NC (US)
EN ROUTE	V103					(US)
EN ROUTE	V155					(US)
EN ROUTE	V259					(US)
IAP	ILS OR LOC RWY 18	1		CLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 19L	1		CLT	CHARLOTTE	NC (US)
IAP	ILS RWY 19L (SA CAT II)	1		CLT	CHARLOTTE	NC (US)
IAP	ILS RWY 19L (SA CAT III)	1		CLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) RWY 5			EQY	MONROE	NC (US)
IAP	ILS OR LOC RWY 34			AFP	WADESBORO	NC (US)
IAP	RNAV (GPS) RWY 22			N52	WAXHAW	NC (US)
IAP	RNAV (GPS) RWY 4			N52	WAXHAW	NC (US)
IAP	VOR/DME-A			CDN	CAMDEN	SC (US)
IAP	VOR/DME RWY 8		1	CQW	CHERAW	SC (US)
IAP	RNAV (GPS) RWY 23			UDG	DARLINGTON	SC (US)
IAP	ILS OR LOC RWY 9			FLO	FLORENCE	SC (US)
IAP	VOR OR TACAN-A			FLO	FLORENCE	SC (US)
IAP	VOR-A		2	HVS	HARTSVILLE	SC (US)
IAP	RNAV (GPS) RWY 24			LKR	LANCASTER	SC (US)
IAP	ILS OR LOC RWY 23			SMS	SUMTER	SC (US)
STAR	RASLN (RNAV)			CLT	CHARLOTTE	NC (US)
STAR	RASLN (RNAV)			AKH	GASTONIA	NC (US)
STAR	RASLN (RNAV)			IPJ	LINCOLNTON	NC (US)
STAR	RASLN (RNAV)			EQY	MONROE	NC (US)
STAR	RASLN (RNAV)			EHO	SHELBY	NC (US)
STAR	RASLN (RNAV)			AFP	WADESBORO	NC (US)
STAR	RASLN (RNAV)			N52	WAXHAW	NC (US)
STAR	RASLN (RNAV)			DCM	CHESTER	SC (US)
STAR	RASLN (RNAV)			LKR	LANCASTER	SC (US)
STAR	RASLN (RNAV)			UZA	ROCK HILL	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 25

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

FIX USE: CHANGED "STAR RASLN" TO "STAR RASLN (RNAV)" AT AFD, AKH, CLT, DCM, EHO, EQY, IPJ, LKR, N52, UZA AIRPORTS.
 FIX USE: ADDED "ILS OR LOC RWY 18" AT CLT.
 FIX USE: ADDED "ILS OR LOC RWY 19L" AT CLT.
 FIX USE: ADDED "ILS RWY 19L (SA CAT II)" AT CLT.
 FIX USE: ADDED "ILS RWY 19L (CAT III)" AT CLT.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO
Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: DEBIE

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345549.06N/0814832.06W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ESTRR (RNAV)			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	ESTRR (RNAV)			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	ESTRR (RNAV)			JQF	CONCORD	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	ESTRR (RNAV)			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	ESTRR (RNAV)			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	ESTRR (RNAV)			EQY	MONROE	NC (US)
DP	ESTRR (RNAV)			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	ESTRR (RNAV)			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	ESTRR (RNAV)			UZA	ROCK HILL	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. FIX TYPE: REMOVED "DME."
2. FIX MAKE-UP FACILITIES: REMOVED CLT VOR/DME.
3. ESV DATA: REMOVED CLT VOR/DME.
4. FIX USE: REMOVED KERMIT SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
5. FIX USE: REMOVED KNIGHTS SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
6. FIX USE: ADDED CHARLOTTE SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
7. REQUIRED CHARTING: ADDED "ENROUTE LOW" AND "CONTROLLER LOW."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: ESTRR

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 350003.71N/0813534.71W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ESTRR (RNAV)			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	ESTRR (RNAV)			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	ESTRR (RNAV)			JQF	CONCORD	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	ESTRR (RNAV)			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	ESTRR (RNAV)			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	ESTRR (RNAV)			EQY	MONROE	NC (US)
DP	ESTRR (RNAV)			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	ESTRR (RNAV)			LKR	LANCASTER	SC (US)
DP	ESTRR (RNAV)			UZA	ROCK HILL	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

FIX USE: ADDED CHARLOTTE SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
APRIL T SARMENTO
Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: GANTS

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 352711.44N/0800616.04W

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 FEET	MRA	MAA
1	GREENSBORO	GSO	VORTAC	VH	193.03	190.03	36.04	36.04	2500	17500
2	LIBERTY	LIB	VORTAC	VL	231.39	228.39	32.25	32.25	2500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T202					(US)
EN ROUTE	V103	1, 2				(US)
EN ROUTE	V409	1, 2				(US)
IAP	RNAV (GPS) RWY 3			HBI	ASHEBORO	NC (US)
IAP	RNAV (GPS) RWY 21			43A	STAR	NC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: REMOVED "FAC 3 CLT VOR/DME."
2. ESV DATA: REMOVED CHARLOTTE VOR/DME R-074.
3. FIX USE: REMOVED "CHARLOTTE SID" AND "FAC 3" FROM FIX USE.
4. REQUIRED CHARTING: REMOVED "DP" AND ADDED "CONTROLLER LOW."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
APRIL T SARMENTO
Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: HAMLN

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 342132.45N/0804642.36W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (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: 09/03/2026

REASON FOR REVISION:

1. FIX TYPE: REMOVED "INT" AND "DME" AND ADDED "WP."
2. FIX MAKE-UP FACILITIES: REMOVED "CLT VOR/DME" AND "CTF VOR/DME."
3. ESV DATA: REMOVED DATA FROM CLT VOR/DME "R-175" AND "R-238."
4. REMARKS: REMOVED "CHARLOTTE (FAC 1) AND CHESTERFIELD (FAC 2) USED TO ESTABLISH FIX COORDINATES."
5. FIX USE: REMOVED KERMIT SID FROM AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
6. FIX USE: REMOVED KNIGHTS SID FROM AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
7. FIX USE: ADDED CHARLOTTE SID TO AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
8. REQUIRED CHARTING: ADDED "ENROUTE LOW" AND "CONTROLLER LOW."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

APRIL T SARMENTO

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: HARAY

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 350745.69N/0814541.18W

TYPE: WP, 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	FAC FEET	MRA	MAA
1	CHARLOTTE	CLT	VOR/DME	L	270.00	265.00	40.00	40.00		8000	17500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

ENROUTE LOW CHARTING REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHARLOTTE	1		CLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

1. UPDATED FIX USE - DELETED SID HORNET/AIRPORT IDENT: KVVJ, KCLT, KJQF, KAKH, KIPJ, KEQY, KRUQ, KLKR, AND KUZA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/06/2016

OFFICE: AJV-5422

NAME: JOHN THORNTON

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

APRIL T SARMENTO

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT APP CON
OTHER:

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: KRITR

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 354121.47N/0805527.55W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KRITR (RNAV)			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	KRITR (RNAV)			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	KRITR (RNAV)			JQF	CONCORD	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	KRITR (RNAV)			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	KRITR (RNAV)			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	KRITR (RNAV)			EQY	MONROE	NC (US)
DP	KRITR (RNAV)			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	KRITR (RNAV)			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	KRITR (RNAV)			UZA	ROCK HILL	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

FIX USE: ADDED CHARLOTTE SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: KWEEN

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 344047.77N/0805042.46W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KWEEN (RNAV)			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	KWEEN (RNAV)			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	KWEEN (RNAV)			JQF	CONCORD	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	KWEEN (RNAV)			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	KWEEN (RNAV)			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	KWEEN (RNAV)			EQY	MONROE	NC (US)
DP	KWEEN (RNAV)			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	KWEEN (RNAV)			LKR	LANCASTER	SC (US)
DP	KWEEN (RNAV)			UZA	ROCK HILL	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

FIX USE: ADDED CHARLOTTE SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
APRIL T SARMENTO
Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: LAMDE

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345926.51N/0800907.34W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LILLS (RNAV)			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	LILLS (RNAV)			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	LILLS (RNAV)			JQF	CONCORD	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	LILLS (RNAV)			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	LILLS (RNAV)			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	LILLS (RNAV)			EQY	MONROE	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	LILLS (RNAV)			RUQ	SALISBURY	NC (US)
DP	LILLS (RNAV)			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)
DP	LILLS (RNAV)			UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. CHARTING: ADDED "EN ROUTE LOW" AND "CONTROLLER LOW."
2. FIX USE: ADDED CHARLOTTE SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
APRIL T SARMENTO
Apr 21, 2026

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 FEET	MRA	MAA
1	LIBERTY	LIB	VORTAC	VL						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

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

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	MOUNTY			FAY	FAYETTEVILLE	NC (US)
DP	TRIAD			GSO	GREENSBORO	NC (US)
DP	PACKK			RDU	RALEIGH/DURHAM	NC (US)
DP	RALEIGH			RDU	RALEIGH/DURHAM	NC (US)
DP	TRAID			INT	WINSTON-SALEM	NC (US)
EN ROUTE	T206					(US)
EN ROUTE	V194					NC (US)
EN ROUTE	V409					NC (US)
EN ROUTE	V454					NC (US)
IAP	ILS OR LOC RWY 22L			VUJ	ALBEMARLE	NC (US)
IAP	RNAV (GPS) RWY 21			HBI	ASHEBORO	NC (US)
IAP	ILS Y OR LOC Y RWY 6		1	BUY	BURLINGTON	NC (US)
IAP	ILS Y OR LOC/NDB Y RWY 6		1	BUY	BURLINGTON	NC (US)
IAP	ILS Z OR LOC Z RWY 6		1	BUY	BURLINGTON	NC (US)
IAP	VOR/DME-A			BUY	BURLINGTON	NC (US)
IAP	LOC RWY 5			HRJ	ERWIN	NC (US)
IAP	ILS OR LOC RWY 23L		1	GSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 23R			GSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5L			GSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5R		1	GSO	GREENSBORO	NC (US)
IAP	ILS RWY 23L (CAT II)		1	GSO	GREENSBORO	NC (US)
IAP	ILS RWY 5L (CAT II - III)			GSO	GREENSBORO	NC (US)
IAP	ILS RWY 5R (SA CAT II)		1	GSO	GREENSBORO	NC (US)
IAP	ILS Y OR LOC Y RWY 32		1	GSO	GREENSBORO	NC (US)
IAP	ILS Z OR LOC Z RWY 32		1	GSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 6			EXX	LEXINGTON	NC (US)
IAP	ILS OR LOC RWY 23R (ALT MA)			RDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 5L (ALT MA)			RDU	RALEIGH/DURHAM	NC (US)
IAP	ILS RWY 23R (CAT II - III) (ALT MA)			RDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 6 (ALT MA)			TDF	ROXBORO	NC (US)
IAP	ILS Y OR LOC Y RWY 3			TTA	SANFORD	NC (US)
IAP	ILS Z OR LOC Z RWY 3			TTA	SANFORD	NC (US)
IAP	RNAV (GPS) RWY 21			43A	STAR	NC (US)
STAR	NASCR (RNAV)			VUJ	ALBEMARLE	NC (US)
STAR	MAJIC (RNAV)			CLT	CHARLOTTE	NC (US)
STAR	NASCR (RNAV)			JQF	CONCORD	NC (US)
STAR	MAJIC (RNAV)			AKH	GASTONIA	NC (US)
STAR	MAJIC (RNAV)			IPJ	LINCOLNTON	NC (US)
STAR	MAJIC (RNAV)			EQY	MONROE	NC (US)
STAR	NASCR (RNAV)			RUQ	SALISBURY	NC (US)
STAR	MAJIC (RNAV)			EHO	SHELBY	NC (US)
STAR	MAJIC (RNAV)			AFP	WADESBORO	NC (US)
STAR	MAJIC (RNAV)			N52	WAXHAW	NC (US)
STAR	MAJIC (RNAV)			DCM	CHESTER	SC (US)
STAR	MAJIC (RNAV)			LKR	LANCASTER	SC (US)
STAR	MAJIC (RNAV)			UZA	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: 28

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

FIX USE: REMOVED MAJIC STAR AT AFP, AKH, CLT, DCM, EHO, EQY, IPJ, LKR, UZA, N52 AIRPORTS.

FIX USE: ADDED MAJIC STAR (RNAV) AT AFP, AKH, CLT, DCM, EHO, EQY, IPJ, LKR, UZA, N52 AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: LILLS

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345607.59N/0795548.73W

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 FEET	MRA	MAA
1	FAYETTEVILLE	FAY	VOR/DME	L	271.00	267.00	52.12	52.12	5000	17500
2	SANDHILLS	SDZ	VORTAC	L	228.23	225.23	23.78	23.78	8000	17500
3	CHESTERFIELD	CTF	VOR/DME	VL	047.84	044.84	24.11	24.11	2300	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FAY	VOR/DME	R-271	53	5000	17500

FIX RESTRICTIONS:

MCA V151 9000 NORTHEAST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FAYETTEVILLE (FAC 1) AND SANDHILLS (FAC 2) USED TO ESTABLISH FIX COORDINATES.
DME ONLY FIX BELOW 9000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LILLS (RNAV)			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	LILLS (RNAV)			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	LILLS (RNAV)			JQF	CONCORD	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	LILLS (RNAV)			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	LILLS (RNAV)			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	LILLS (RNAV)			EQY	MONROE	NC (US)
DP	LILLS (RNAV)			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	LILLS (RNAV)			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)
DP	LILLS (RNAV)			UZA	ROCK HILL	SC (US)
EN ROUTE	V155		1, 2, 3			(US)
EN ROUTE	V296		1, 2, 3			(US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: REMOVE "FAC 4 - CLT VOR/DME."
2. ESV DATA: REMOVED "CLT VOR/DME R-112."
3. REMARKS: REMOVED "INCREASED FAC 4 (CLT) MRA ALTITUDE AND CLT ESV MIN ALTITUDE FROM 8000 TO 9000 PER FLIGHT INSPECTION RESULTS (2/8/2013)."
4. FIX RESTRICTION: ADD "MCA V151 9000 NORTHEAST BOUND"
5. FIX USE: REMOVED KERMIT SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
6. FIX USE: REMOVED KNIGHTS SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
7. FIX USE: ADDED CHARLOTTE SID AT AKH, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
8. FIX USE: REMOVED "FAC 4" FROM "CHARLOTTE SID" AT CLT.
8. FIX USE: REMOVED "FAC 4" FROM "EN ROUTE V155" AND EN ROUTE V296."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO
Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: NALEY

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362109.70N/0804824.51W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX RESTRICTIONS:

MCA V151 9000 NORTHEAST BOUND.

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:
USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

DP	CHARLOTTE			VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE			JQF	CONCORD	NC (US)
DP	CHARLOTTE			AKH	GASTONIA	NC (US)
DP	CHARLOTTE			IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE			EQY	MONROE	NC (US)
DP	CHARLOTTE			RUQ	SALISBURY	NC (US)
DP	CHARLOTTE			LKR	LANCASTER	SC (US)
DP	CHARLOTTE			UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. REMOVED "DME" FROM FIX USE.
2. FIX MAKEUP FACILITY: REMOVED "FAC 1 - CLT VOR/DME."
3. ESV DATA: REMOVED "CLT VOR/DME RADIAL 11."
4. REMARKS: ADDED FIX RESTRICTION: "MCA V151 9000 NORTHEAST BOUND."
5. FIX USE: REMOVED KERMIT SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
6. FIX USE: ADDED CHARLOTTE SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

APRIL T SARMENTO

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: NEANO

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 350452.86N/0815947.34W

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	SPARTANBURG	SPA	VORTAC	H	359.90	352.90	10.63	10.63	8000	33000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHARLOTTE	1		VUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE	1		CLT	CHARLOTTE	NC (US)
DP	CHARLOTTE	1		JQF	CONCORD	NC (US)
DP	CHARLOTTE	1		AKH	GASTONIA	NC (US)
DP	CHARLOTTE	1		IPJ	LINCOLNTON	NC (US)
DP	CHARLOTTE	1		EQY	MONROE	NC (US)
DP	CHARLOTTE	1		RUQ	SALISBURY	NC (US)
DP	CHARLOTTE	1		LKR	LANCASTER	SC (US)
DP	CHARLOTTE	1		UZA	ROCK HILL	SC (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. FIX TYPE: REMOVED "INT" AND ADDED "WP."
2. FIX MAKE-UP FACILITIES: REMOVED "FOOTHILLS VOR/DME" AND "SUGARLOAF MOUNTAIN VORTAC" AND ALL ASSOCIATIONS.
3. FIX MAKE-UP FACILITIES: ADDED "SPARTANBURG VORTAC" AND ALL ASSOCIATIONS.
4. ESV DATA: REMOVED "ODF VOR/DME" AND "SUG VORTAC" AND ALL ASSOCIATIONS.
5. REMARKS: REMOVED "FOOTHILLS (FAC 1) AND SUGARLOAF MOUNTAIN (FAC 2) USED TO ESTABLISH FIX COORDINATES."
6. FIX USE: REMOVED KERMIT SID FROM AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
7. FIX USE: REMOVED KNIGHTS SID FROM AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
8. FIX USE: ADDED CHARLOTTE SID TO AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

APRIL T SARMENTO

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: PITY

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351948.92N/0815105.58W

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 NM	FAC FEET	MRA	MAA
1	CHARLOTTE	CLT	VOR/DME	L	286.00	281.00	45.00	45.00		11000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CLT	VOR/DME	R-286	45	11000	45000

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

ENROUTE LOW CHARTING REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHARLOTTE	1		CLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

FIX USE: REMOVED HUGO SID FROM KVVJ, KCLT, KJQF, KAKH, KIPJ, KEQY, KRUQ, KLRK AND KUZA AIRPORTS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/05/2017

OFFICE: AJV-5422

NAME: GEORGETTE BARNETT

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

APRIL T SARMENTO

DISTRIBUTION:

NFDC

FPO: FTW

ARTCC: ZTL

ATC FACILITY: CLT APP CON

OTHER:

Apr 21, 2026

RADIO FIX AND HOLDING DATA RECORD

NAME: RUNIE

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345629.96N/0801831.23W

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 NM	FAC FEET	MRA	MAA
1	CHARLOTTE	CLT	VOR/DME	L	120.00	115.00	35.00	35.00		8000	17500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

ENROUTE LOW CHARTING REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHARLOTTE	1		CLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/02/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/12/2012

OFFICE: AJV-352

NAME: PETER GUIMOND

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT APP CON
OTHER:

Jun 30, 2026

QUALITY
31
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SANDHILLS VORTAC

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351255.73N/0793516.57W

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	FEET	MRA	MAA
1	SANDHILLS	SDZ	VORTAC	L							17500

FIX RESTRICTIONS:

MCA V155 9000 SOUTHWEST BOUND.

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	SDZ	VORTAC	272.11	092.11	L	1		3300	8000	4	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-003185)	351720.36N/0793834.53W	975	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 FACILITY RESTRICTIONS/PERFORMANCE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

HOLDING OVERLIES A PORTION OF ALERT AREA 531 WITH ACTIVITY UP TO 2235 FT MSL.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAG VAR W03/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MOUNTY			FAY	FAYETTEVILLE	NC (US)
DP	RALEIGH			RDU	RALEIGH/DURHAM	NC (US)
EN ROUTE	V155					(US)
EN ROUTE	V3					(US)
EN ROUTE	V373					(US)
EN ROUTE	V39					(US)
EN ROUTE	V54					(US)
EN ROUTE	V66					(US)
IAP	ILS Y OR LOC Y RWY 5		1	SOP	PINEHURST/SOUTHERN PINES	NC (US)
IAP	ILS Z OR LOC Z RWY 5		1	SOP	PINEHURST/SOUTHERN PINES	NC (US)
IAP	VOR-A			5W4	RAEFORD	NC (US)
STAR	BLOCC			GSO	GREENSBORO	NC (US)
STAR	BUZZY			RDU	RALEIGH/DURHAM	NC (US)
STAR	BLOCC			INT	WINSTON SALEM	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. FIX RESTRICTION: ADDED "MCA V155 9000 SOUTHWEST BOUND."
2. REQUIRED CHARTING: ADDED "SECTIONAL" AND REMOVED "MILITARY IAP."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO

Apr 21, 2026