

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	CHARLOTE			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.

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:

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:

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 351125.04N/0805706.31W 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 FEET	MRA	MAA
1	CHARLOTTE	CLT	VOR/DME	L						17500

HOLDING: HOLDING TYPE OF ACTION: CANCEL

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	191.00	011.00	R	10 4000	6000	15 15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	BUILDING (37-001250)	351339.00N/0805032.00W	1633	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

ASSIGNED FACILITY MAGVAR: W05/1985.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 USED FOR LOST COMM PROCEDURES WITH BANKR/PARQR STARS.

FIX USE: USE TYPE

USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
KERMIT			VUJ	ALBEMARLE	NC (US)
KNIGHTS			VUJ	ALBEMARLE	NC (US)
CHARLOTTE			CLT	CHARLOTTE	NC (US)
KERMIT			CLT	CHARLOTTE	NC (US)
KNIGHTS			CLT	CHARLOTTE	NC (US)
KERMIT			JQF	CONCORD	NC (US)
KNIGHTS			JQF	CONCORD	NC (US)
KERMIT			AKH	GASTONIA	NC (US)
KNIGHTS			AKH	GASTONIA	NC (US)
KERMIT			IPJ	LINCOLNTON	NC (US)
KNIGHTS			IPJ	LINCOLNTON	NC (US)
KERMIT			EQY	MONROE	NC (US)
KNIGHTS			EQY	MONROE	NC (US)
KERMIT			RUQ	SALISBURY	NC (US)
KNIGHTS			RUQ	SALISBURY	NC (US)
KERMIT			LKR	LANCASTER	SC (US)
KNIGHTS			LKR	LANCASTER	SC (US)
KERMIT			UZA	ROCK HILL	SC (US)
KNIGHTS			UZA	ROCK HILL	SC (US)
EN ROUTE			V37		(US)
EN ROUTE			V409		(US)
ILS OR LOC RWY 18C			CLT	CHARLOTTE	NC (US)
ILS OR LOC RWY 18L			CLT	CHARLOTTE	NC (US)
ILS OR LOC RWY 18R			CLT	CHARLOTTE	NC (US)
ILS OR LOC RWY 36C			CLT	CHARLOTTE	NC (US)
ILS OR LOC RWY 36L			CLT	CHARLOTTE	NC (US)
ILS OR LOC RWY 36R			CLT	CHARLOTTE	NC (US)
ILS RWY 18R (CAT II & III)			CLT	CHARLOTTE	NC (US)
ILS RWY 18R (SA CAT I)			CLT	CHARLOTTE	NC (US)
ILS RWY 36C (CAT II & III)			CLT	CHARLOTTE	NC (US)
ILS RWY 36L (CAT II & III)			CLT	CHARLOTTE	NC (US)
ILS RWY 36L (SA CAT I)			CLT	CHARLOTTE	NC (US)
ILS RWY 36R (CAT II & III)			CLT	CHARLOTTE	NC (US)
ILS RWY 36R (SA CAT I)			CLT	CHARLOTTE	NC (US)
NDB RWY 3			AKH	GASTONIA	NC (US)
BANKR		1	CLT	CHARLOTTE	NC (US)
BTSEY			CLT	CHARLOTTE	NC (US)
LIINN			CLT	CHARLOTTE	NC (US)
MAJIC			CLT	CHARLOTTE	NC (US)
PARQR		1	CLT	CHARLOTTE	NC (US)
RASLN			CLT	CHARLOTTE	NC (US)
UNARM			CLT	CHARLOTTE	NC (US)
LIINN			AKH	GASTONIA	NC (US)
MAJIC			AKH	GASTONIA	NC (US)
RASLN			AKH	GASTONIA	NC (US)
LIINN			IPJ	LINCOLNTON	NC (US)
MAJIC			IPJ	LINCOLNTON	NC (US)
RASLN			IPJ	LINCOLNTON	NC (US)
LIINN			EQY	MONROE	NC (US)
MAJIC			EQY	MONROE	NC (US)

STAR	RASLN	EQY	MONROE	NC (US)
STAR	LIINN	EHO	SHELBY	NC (US)
STAR	MAJIC	EHO	SHELBY	NC (US)
STAR	RASLN	EHO	SHELBY	NC (US)
STAR	LIINN	AFP	WADESBORO	NC (US)
STAR	MAJIC	AFP	WADESBORO	NC (US)
STAR	RASLN	AFP	WADESBORO	NC (US)
STAR	LIINN	N52	WAXHAW	NC (US)
STAR	MAJIC	N52	WAXHAW	NC (US)
STAR	RASLN	N52	WAXHAW	NC (US)
STAR	LIINN	DCM	CHESTER	SC (US)
STAR	MAJIC	DCM	CHESTER	SC (US)
STAR	RASLN	DCM	CHESTER	SC (US)
STAR	LIINN	LKR	LANCASTER	SC (US)
STAR	MAJIC	LKR	LANCASTER	SC (US)
STAR	RASLN	LKR	LANCASTER	SC (US)
STAR	LIINN	UZA	ROCK HILL	SC (US)
STAR	MAJIC	UZA	ROCK HILL	SC (US)
STAR	RASLN	UZA	ROCK HILL	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 32

DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

FIX USE: REMOVED "ILS Y OR LOC Y RWY 28 AND ILS Z OR LOC Z RWY 28" AT KSVH

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: ANA VEGA

APPROVED BY:

DATE: 06/04/2026

OFFICE: AJV-A431

NAME: CASEY HILL

SIGNATURE:

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: N

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	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.

04/27/26: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/16/26.

FIX USE: REMOVED "ILS OR LOC RWY 18" AT CLT.
FIX USE: REMOVED "ILS OR LOC RWY 19L" AT CLT.
FIX USE: REMOVED "ILS RWY 19L (SA CAT II)" AT CLT.
FIX USE: REMOVED "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:**

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:

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:

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:

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:

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	AIRSPED	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:

RADIO FIX AND HOLDING DATA RECORD

NAME: WALUT

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 343959.92N/0805031.83W

TYPE: INT, 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 FEET	MRA	MAA
1	CHARLOTTE	CLT	VOR/DME	L	175.19	170.19	31.84	31.83	5000	34000
2	CHESTERFIELD	CTF	VOR/DME	VL	275.13	272.13	28.09	28.09	5000	33000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CLT	VOR/DME	R-175	32	17500	34000
CTF	VOR/DME	R-275	29	17000	33000

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

CHARLOTTE (FAC 1) AND CHESTERFIELD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

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

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

1. REQUIRED CHARTING: UPDATED "CONTROLLER" TO "CONTROLLER LOW".
2. FIX MAKE-UP FACILITIES: CHESTERFIELD (CTF) CLASS CHANGED FROM "L" TO "VL" - AIRNAV UPDATED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A412

NAME: ANA VEGA

APPROVED BY:

DATE:

OFFICE:

NAME:

SIGNATURE: