

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: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BEAVY (RNAV)			KVUJ	ALBEMARLE	NC (US)
DP	BEAVY (RNAV)			KCLT	CHARLOTTE	NC (US)
DP	BEAVY (RNAV)			KJQF	CONCORD	NC (US)
DP	BEAVY (RNAV)			KAKH	GASTONIA	NC (US)
DP	BEAVY (RNAV)			KIPJ	LINCOLNTON	NC (US)
DP	BEAVY (RNAV)			KEQY	MONROE	NC (US)
DP	BEAVY (RNAV)			KRUQ	SALISBURY	NC (US)
DP	BEAVY (RNAV)			KLKR	LANCASTER	SC (US)
DP	BEAVY (RNAV)			KUZA	ROCK HILL	SC (US)
EN ROUTE	T203					(US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

1. FIX MAKE-UP REMOVED CLT VOR/DME.
2. FIX USE REMOVED DME.
3. FIX USE REMOVED KERMIT SID FROM KCLT, KJQF KAKH, KEQY, KIPY, KLKR, KVUJ, KRUQ, KUZA.
4. FIX USE REMOVED KNIGHTS SID FROM KCLT, KJQF KAKH, KEQY, KIPY, KLKR, KVUJ, KRUQ, KUZA.
5. REMARKS REMOVED "CLT ESV USED IN KERMIT AND KNIGHTS SID".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: CHARLES HIRST

APPROVED BY:

DATE: 04/09/2026

OFFICE: AJV-A431

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Dec 05, 2025



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 355207.87N/0811425.90W **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	BARRETTS MOUNTAIN	BZM	VOR/DME	H						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	BZM	VOR/DME	064.00	244.00	R	1-1 1/2	4000 17500	4 16
2	N	BZM	VOR/DME	003.00	183.00	L	1	4000 17500	4 16
3	N		WP	003.00	183.00	L		4100 17500	6 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	355300.00N/0811609.00W	2087	4E
1	310	AAO	360248.00N/0810924.00W	2842	4E
2	200	AAO	360154.00N/0811257.00W	2641	4B
3	200	AAO	360018.00N/0811842.00W	2664	4E
3	310	AAO	360248.00N/0810924.00W	2842	4E

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAG VAR W06/1990

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ASHEVILLE			KAVL	ASHEVILLE	NC (US)
DP	TRIAD			KGSO	GREENSBORO	NC (US)
DP	HICKORY			KHKY	HICKORY	NC (US)
DP	TRIAD			KINT	WINSTON-SALEM	NC (US)
DP	KINGS			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
EN ROUTE	V133					(US)
EN ROUTE	V20					(US)
EN ROUTE	V259					(US)
IAP	ILS OR LOC RWY 18R			KCLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 36C			KCLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 36L			KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)			KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)			KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36C (CAT II-III)			KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36L (CAT II-III)			KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36L (SA CAT I)			KCLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 24		2	KHKY	HICKORY	NC (US)
IAP	RNAV (GPS) RWY 6		3	KHKY	HICKORY	NC (US)
IAP	LOC RWY 28			KGEV	JEFFERSON	NC (US)
IAP	ILS OR LOC RWY 6			KEXX	LEXINGTON	NC (US)
IAP	ILS Z OR LOC Z RWY 23			KIPJ	LINCOLNTON	NC (US)
IAP	RNAV (GPS) RWY 9			8A7	MOCKSVILLE	NC (US)
IAP	LOC RWY 3			KMRN	MORGANTON	NC (US)
IAP	RNAV (GPS) RWY 3			KMRN	MORGANTON	NC (US)
IAP	ILS Y OR LOC Y RWY 1			KUKF	NORTH WILKESBORO	NC (US)
IAP	ILS Z OR LOC Z RWY 1			UKF	NORTH WILKESBORO	NC (US)
IAP	ILS OR LOC RWY 20			KRUQ	SALISBURY	NC (US)
IAP	NDB RWY 20			KRUQ	SALISBURY	NC (US)
IAP	ILS OR LOC RWY 28		1	KSVH	STATESVILLE	NC (US)
IAP	RNAV (GPS) RWY 10			KSVH	STATESVILLE	NC (US)
IAP	ILS OR LOC RWY 33			KINT	WINSTON-SALEM	NC (US)
STAR	BTSEY			KCLT	CHARLOTTE	NC (US)
STAR	LIINN			KCLT	CHARLOTTE	NC (US)
STAR	LIINN			KAKH	GASTONIA	NC (US)
STAR	LIINN			KIPJ	LINCOLNTON	NC (US)
STAR	LIINN			KEQY	MONROE	NC (US)
STAR	LIINN			KEHO	SHELBY	NC (US)
STAR	LIINN			KAFF	WADESBORO	NC (US)
STAR	LIINN			N52	WAXHAW	NC (US)
STAR	LIINN			KDCM	CHESTER	SC (US)

QUALITY
42
CHECKED

STAR	LIINN	KLKR	LANCASTER	SC (US)
STAR	LIINN	KUZA	ROCK HILL	SC (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 25 **DATE OF REVISION:** 05/14/2026

REASON FOR REVISION:

1. FIX USE REMOVED KERMIT SID FOR KCLT, KVUJ, KJQF, KAKH, KIPJ, KEQY, KRUQ, KLKR AND KUZA.
2. FIX USE REMOVED KSVH ILS Y OR LOC Y RWY 28.
3. FIX USE CHANGED FROM KSVH ILS Z OR LOC Z RWY 28 TO ILS OR LOC RWY 28.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: CHARLES HIRST
APPROVED BY:	DATE: 04/09/2026	OFFICE: AJV-A431	NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
 Dec 05, 2025



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 330410.94N/0812627.80W 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 FEET	MRA	MAA
1	CHARLOTTE	CLT	VOR/DME	L	196.00	191.00	129.33	129.33	16000	33000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CLT	VOR/DME	R-196	130	16000	33000

HOLDING: HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KERMIT	1		KVUJ	ALBEMARLE	NC (US)
DP	KERMIT	1		KCLT	CHARLOTTE	NC (US)
DP	KERMIT	1		KJQF	CONCORD	NC (US)
DP	KERMIT	1		KAKH	GASTONIA	NC (US)
DP	KERMIT	1		KIPJ	LINCOLNTON	NC (US)
DP	KERMIT	1		KEQY	MONROE	NC (US)
DP	KERMIT	1		KRUQ	SALISBURY	NC (US)
DP	KERMIT	1		KLKR	LANCASTER	SC (US)
DP	KERMIT	1		KUZA	ROCK HILL	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

1. AIRSPACE DOCKET NUMBER REMOVED: 19-ASO-7.
2. FIX USE: REMOVED STAR MALNR (RNAV) AT KRDU.
3. CHARTING: REMOVED STAR.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: TARA MARTINELLI

APPROVED BY: DATE: 04/09/2026 OFFICE: AJV-A431 NAME: CASIMIR TABAKA

SIGNATURE: Digitally signed by
CASIMIR L TABAKA
Dec 05, 2025

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

