

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: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	BZM	VOR/DME	064.00	244.00	R	1		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		5	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			AVL	ASHEVILLE	NC (US)
DP	TRIAD			GSO	GREENSBORO	NC (US)
DP	HICKORY			HKY	HICKORY	NC (US)
DP	TRIAD			INT	WINSTON-SALEM	NC (US)
DP	KINGS			TRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
EN ROUTE	V133					(US)
EN ROUTE	V20					(US)
EN ROUTE	V259					(US)
IAP	ILS OR LOC RWY 1R			CLT	CHARLOTTE	NC (US)
IAP	ILS RWY 1R (CAT II-III)			CLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 18R			CLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 36L			CLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)			CLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)			CLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36L (CAT II-III)			CLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36L (SA CAT I)			CLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 24		2	HKY	HICKORY	NC (US)
IAP	RNAV (GPS) RWY 6		3	HKY	HICKORY	NC (US)
IAP	LOC RWY 28			GEV	JEFFERSON	NC (US)
IAP	ILS OR LOC RWY 6			EXX	LEXINGTON	NC (US)
IAP	ILS Z OR LOC Z RWY 23			IPJ	LINCOLNTON	NC (US)
IAP	RNAV (GPS) RWY 9			8A7	MOCKSVILLE	NC (US)
IAP	LOC RWY 3			MRN	MORGANTON	NC (US)
IAP	RNAV (GPS) RWY 3			MRN	MORGANTON	NC (US)
IAP	ILS Y OR LOC Y RWY 1			UKF	NORTH WILKESBORO	NC (US)
IAP	ILS Z OR LOC Z RWY 1			UKF	NORTH WILKESBORO	NC (US)
IAP	ILS OR LOC RWY 20			RUQ	SALISBURY	NC (US)
IAP	NDB RWY 20			RUQ	SALISBURY	NC (US)
IAP	RNAV (GPS) RWY 10			SVH	STATESVILLE	NC (US)
IAP	ILS OR LOC RWY 28		1	SVH	STATESVILLE	NC (US)
IAP	ILS OR LOC RWY 33			INT	WINSTON-SALEM	NC (US)
STAR	RASLN (RNAV)			CLT	CHARLOTTE	NC (US)
STAR	BTSEY (RNAV)			CLT	CHARLOTTE	NC (US)
STAR	LIINN (RNAV)			CLT	CHARLOTTE	NC (US)
STAR	LIINN (RNAV)			AKH	GASTONIA	NC (US)
STAR	RASLN (RNAV)			AKH	GASTONIA	NC (US)
STAR	LIINN (RNAV)			IPJ	LINCOLNTON	NC (US)
STAR	RASLN (RNAV)			IPJ	LINCOLNTON	NC (US)
STAR	LIINN (RNAV)			EQY	MONROE	NC (US)
STAR	RASLN (RNAV)			EQY	MONROE	NC (US)

QUALITY
20
CHECKED

STAR	LIINN (RNAV)	EHO	SHELBY	NC (US)
STAR	RASLN (RNAV)	EHO	SHELBY	NC (US)
STAR	LIINN (RNAV)	AFP	WADESBORO	NC (US)
STAR	RASLN (RNAV)	AFP	WADESBORO	NC (US)
STAR	LIINN (RNAV)	N52	WAXHAW	NC (US)
STAR	RASLN (RNAV)	N52	WAXHAW	NC (US)
STAR	LIINN (RNAV)	DCM	CHESTER	SC (US)
STAR	RASLN (RNAV)	DCM	CHESTER	SC (US)
STAR	LIINN (RNAV)	LKR	LANCASTER	SC (US)
STAR	RASLN (RNAV)	LKR	LANCASTER	SC (US)
STAR	LIINN (RNAV)	UZA	ROCK HILL	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: LOW

RECORD REVISION NUMBER: 27

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. HOLDING PATTERNS: CHANGED "PATTERN 1" LEG TIME FROM "1-1 1/2" TO "1."
2. FIX USE: REPLACED "STAR BTSEY" WITH "STAR BTSEY (RNAV)" AT CLT AIRPORT.
3. FIX USE: REPLACED "STAR LIINN" WITH "STAR LIINN (RNAV)" AT AFP, AKH, CLT, DCM, EHO, EQY, IPJ, LKR, UZA, N52 AIRPORTS.
4. FIX USE: ADDED "STAR RASLN (RNAV)" AT AFP, AKH, CLT, DCM, EHO, EQY, IPJ, LKR, UZA, N52 AIRPORTS.

7/8/2026 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/1/2026

1. ADDED SECOND PAGE OF BARRETTS MOUNTAIN VOR/DME 8260-2

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

Jul 08, 2026



RADIO FIX AND HOLDING DATA RECORD

NAME: JOTTA

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 360053.03N/0805057.79W

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 NM	FAC FEET	MRA	MAA
1	BARRETTS MOUNTAIN	BZM	VOR/DME	H	071.25	065.25	20.97	20.97		3500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BARRETTS MOUNTAIN (FAC 1) USED TO ESTABLISH FIX COORDINATES.
REQUIRED CHARTING SECTIONAL REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T224					(US)
EN ROUTE	T437					(US)
EN ROUTE	V20	1				(US)
EN ROUTE	V37	1				(US)
IAP	RNAV (GPS) RWY 20			RUQ	SALISBURY	NC (US)
IAP	RNAV (GPS) RWY 28			SVH	STATESVILLE	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. REMOVED "INT" FROM FIX TYPE.
2. FIX MAKE-UP FACILITIES: REMOVED "FAC 1" - "CLT VOR/DME," RESULTING IN "BZM VOR/DME" CHANGING FROM "FAC 2" TO "FAC 1."
3. REMOVED "CLT VOR/DME" FROM ESV DATA.
4. REMARKS: UPDATED "CHARLOTTE (FAC 1) AND BARRETTS MOUNTAIN (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO "BARRETTS MOUNTAIN (FAC 1) 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: CHANGED "FAC 2" TO "FAC 1" ON "EN ROUTE V20" PROCEDURE DUE TO THE REMOVAL OF "CLT VOR/DME."
7. FIX USE: REMOVED "FAC 2" ON EN ROUTE V37" PROCEDURE DUE TO THE REMOVAL OF "CLT VOR/DME."

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
Jul 01, 2026

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MERIL

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 353647.67N/0792601.91W

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	MRA	MAA
1	SANDHILLS	SDZ	VORTAC	L	020.55	017.55	25.00	25.00	2500	17500
2	LIBERTY	LIB	VORTAC	VL	146.64	143.64		14.75	2300	17500
3	RALEIGH/DURHAM	RDU	VORTAC	H	253.14	244.14		35.37	2300	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	E	RDU	VORTAC	253.14	253.14	R	1		2300	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001534)	354132.40N/0792558.00W	1062	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

SANDHILLS (FAC 1) AND LIBERTY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T287					(US)
EN ROUTE	V39	1, 2				(US)
IAP	ILS Z OR LOC Z RWY 3	2, 3	1	TTA	SANFORD	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

1. AIRSPACE DOCKET: REMOVED "22 AEA 21."
2. FIX MAKEUP FACILITIES: REMOVED "FAC 3" – "CLT VOR/DME."
3. FIX MAKE-UP FACILITIES: NUMBER CHANGED FROM "FAC 4" TO "FAC 3" AT "RDU VORTAC."
4. ESV DATA: REMOVED "CLT VOR/DME R-076."
5. FIX RESTRICTIONS: ADDED "MCA V155 9000 SOUTHWEST BOUND."
6. FIX USE: REMOVED KERMIT SID AT AKH, CLT, EQY, IPJ, JQF, LKR, RUQ, UZA, VUJ AIRPORTS.
7. FIX USE: IAP: "ILS Z OR LOC Z RWY 3 (ALT MA)" - FAC CHANGED FROM "2,4" TO "2,3."

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
Jul 01, 2026

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PULASKI VORTAC STATE: VA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 370515.67N/0804246.38W 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	PULASKI	PSK	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S	PSK	VORTAC	198.00	018.00	R	1		5000	6000	5	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	365549.75N/0804002.35W	3699	2C
1	310	AAO	365549.75N/0804002.35W	3699	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC Z RWY 6	KPSK	DUBLIN	VA (US)
1	ILS OR LOC Y RWY 6	KPSK	DUBLIN	VA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAG VAR W06/1985.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS			PSK	DUBLIN	VA (US)
EN ROUTE	V136					(US)
EN ROUTE	V16					(US)
EN ROUTE	V37					(US)
EN ROUTE	V45					(US)
EN ROUTE	V466					(US)
EN ROUTE	V470					(US)
IAP	ILS OR LOC Y RWY 6		1	PSK	DUBLIN	VA (US)
IAP	ILS OR LOC Z RWY 6		1	PSK	DUBLIN	VA (US)
IAP	RNAV (GPS) RWY 6			PSK	DUBLIN	VA (US)
IAP	LOC RWY 26			MKJ	MARION/WYTHEVILLE	VA (US)
IAP	RNAV (GPS) RWY 26			MKJ	MARION/WYTHEVILLE	VA (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 42 DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

REQUIRED CHARTING: REMOVED "STAR."
FIX USE: REMOVED BTSEY STAR 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
Jul 01, 2026

QUALITY
20
CHECKED

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: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
APRIL T SARMENTO
Jul 01, 2026

