

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: NO CHANGE

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: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH 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

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
DP	KERMIT			KVUJ	ALBEMARLE	NC (US)
DP	KNIGHTS			KVUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			KCLT	CHARLOTTE	NC (US)
DP	KERMIT			KCLT	CHARLOTTE	NC (US)
DP	KNIGHTS			KCLT	CHARLOTTE	NC (US)
DP	KERMIT			KJQF	CONCORD	NC (US)
DP	KNIGHTS			KJQF	CONCORD	NC (US)
DP	TAKE-OFF MINIMUMS			KJQF	CONCORD	NC (US)
DP	KERMIT			KAKH	GASTONIA	NC (US)
DP	KNIGHTS			KAKH	GASTONIA	NC (US)
DP	KERMIT			KIPJ	LINCOLNTON	NC (US)
DP	KNIGHTS			KIPJ	LINCOLNTON	NC (US)
DP	KERMIT			KEQY	MONROE	NC (US)
DP	KNIGHTS			KEQY	MONROE	NC (US)
DP	KERMIT			KRUQ	SALISBURY	NC (US)
DP	KNIGHTS			KRUQ	SALISBURY	NC (US)
DP	KERMIT			KLKR	LANCASTER	SC (US)
DP	KNIGHTS			KLKR	LANCASTER	SC (US)
DP	KERMIT			KUZA	ROCK HILL	SC (US)
DP	KNIGHTS			KUZA	ROCK HILL	SC (US)
EN ROUTE	V37					(US)
EN ROUTE	V409					(US)
IAP	ILS OR LOC RWY 18C			KCLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 18L			KCLT	CHARLOTTE	NC (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 OR LOC RWY 36R			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 RWY 36R (CAT II & III)			KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36R (SA CAT I)			KCLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 20			KJQF	CONCORD	NC (US)
IAP	NDB RWY 3			KAKH	GASTONIA	NC (US)
IAP	ILS Z OR LOC Z RWY 23 (ALT MA)			KIPJ	LINCOLNTON	NC (US)
IAP	ILS Y OR LOC Y RWY 28			KSVH	STATESVILLE	NC (US)
IAP	ILS Z OR LOC Z RWY 28			KSVH	STATESVILLE	NC (US)
IAP	RNAV (GPS) RWY 22			N52	WAXHAW	NC (US)
IAP	RNAV (GPS) RWY 4			N52	WAXHAW	NC (US)
IAP	ILS Y OR LOC Y RWY 2			KUZA	ROCK HILL	SC (US)
IAP	ILS Z OR LOC Z RWY 2			KUZA	ROCK HILL	SC (US)
STAR	BANKR		1	KCLT	CHARLOTTE	NC (US)
STAR	BTSEY			KCLT	CHARLOTTE	NC (US)
STAR	LIINN			KCLT	CHARLOTTE	NC (US)
STAR	MAJIC			KCLT	CHARLOTTE	NC (US)
STAR	PARQR		1	KCLT	CHARLOTTE	NC (US)
STAR	RASLN			KCLT	CHARLOTTE	NC (US)
STAR	UNARM			KCLT	CHARLOTTE	NC (US)
STAR	LIINN			KAKH	GASTONIA	NC (US)
STAR	MAJIC			KAKH	GASTONIA	NC (US)

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STAR	RASLN	KAKH	GASTONIA	NC (US)
STAR	LIINN	KIPJ	LINCOLNTON	NC (US)
STAR	MAJIC	KIPJ	LINCOLNTON	NC (US)
STAR	RASLN	KIPJ	LINCOLNTON	NC (US)
STAR	LIINN	KEQY	MONROE	NC (US)
STAR	MAJIC	KEQY	MONROE	NC (US)
STAR	RASLN	KEQY	MONROE	NC (US)
STAR	LIINN	KEHO	SHELBY	NC (US)
STAR	MAJIC	KEHO	SHELBY	NC (US)
STAR	RASLN	KEHO	SHELBY	NC (US)
STAR	LIINN	KAFP	WADESBORO	NC (US)
STAR	MAJIC	KAFP	WADESBORO	NC (US)
STAR	RASLN	KAFP	WADESBORO	NC (US)
STAR	LIINN	N52	WAXHAW	NC (US)
STAR	MAJIC	N52	WAXHAW	NC (US)
STAR	RASLN	N52	WAXHAW	NC (US)
STAR	LIINN	KDCM	CHESTER	SC (US)
STAR	MAJIC	KDCM	CHESTER	SC (US)
STAR	RASLN	KDCM	CHESTER	SC (US)
STAR	LIINN	KLKR	LANCASTER	SC (US)
STAR	MAJIC	KLKR	LANCASTER	SC (US)
STAR	RASLN	KLKR	LANCASTER	SC (US)
STAR	LIINN	KUZA	ROCK HILL	SC (US)
STAR	MAJIC	KUZA	ROCK HILL	SC (US)
STAR	RASLN	KUZA	ROCK HILL	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

FIX USE: DELETED "KEQY ILS OR LOC RWY 5".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TRAVIS BRISTOW

Digitally signed by

CASEY D HILL

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

Jul 30, 2025

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: FATED

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345121.20N/0804954.78W

TYPE: WP, RADAR, 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	MONROE	I-EQY	LOC/DME		232.98	226.98	14.91	14.91		2500	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5	1		KEQY	MONROE	NC (US)
IAP	RNAV (GPS) RWY 5			KEQY	MONROE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

FIX TYPE: DELETED "INT".

FIX MAKE-UP FACILITIES: DELETED FAC 2 (CLT) AND ASSOCIATED DATA.

REMARKS: DELETED "MONROE (FAC 1) AND CHARLOTTE (FAC 2) USED TO ESTABLISH FIX COORDINATES".

INITIATED BY:

DATE:

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NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

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37
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RADIO FIX AND HOLDING DATA RECORD

NAME: HUSTN

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345319.79N/0803419.56W

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	CHESTERFIELD	CTF	VOR/DME	VL	317.27	314.27	20.48	20.48	2500	17500
2	FAYETTEVILLE	FAY	VOR/DME	L	270.53	266.53	83.91	83.91	5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FAY	VOR/DME	R-271	84	5000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	NW	CTF	VOR/DME	317.27	137.27	R	1	3000 10000	5 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001333)	345300.00N/0803209.90W	1210	5D
1	310	TOWER (37-001333)	345300.00N/0803209.90W	1210	5D

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 5	KEQY	MONROE	NC (US)

REMARKS:

CHESTERFIELD (FAC 1) AND FAYETTEVILLE (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	T202					(US)
EN ROUTE	V259	1, 2				(US)
EN ROUTE	V296	1, 2				(US)
IAP	RNAV (GPS) RWY 2			KJQF	CONCORD	NC (US)
IAP	ILS OR LOC RWY 5	1	1	KEQY	MONROE	NC (US)
IAP	RNAV (GPS) RWY 23			KEQY	MONROE	NC (US)
IAP	RNAV (GPS) RWY 24			KLKR	LANCASTER	SC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: DELETED FAC 1 (CLT) AND ASSOCIATED DATA.
PATTERNS: DELETED PAT 1 AND ASSOCIATED DATA.
PATTERNS: PAT 2 AND ASSOCIATED DATA CONVERTED TO PAT 1.
PROCEDURES REQUIRING CLIMB-IN-HOLD: DELETED PAT 2 "KEQY ILS OR LOC RWY 5 AND (ALT MISS)".
REMARKS: DELETED "HUSTN CREATED AS A WAYPOINT, THEN ADDED TO V259 AND V296"
FIX USE: DELETED "KEQY ILS OR LOC RWY 5 (ALT MISS)".

INITIATED BY:

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ORGANIZATION:

NAME:

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AJV-A421

NAME: TRAVIS BRISTOW

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CASEY D HILL

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DATE: 10/23/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

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RADIO FIX AND HOLDING DATA RECORD

NAME: JAMUN

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345650.93N/0804246.99W

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	FAC FEET	MRA	MAA
1	MONROE	I-EQY	LOC/DME		232.98	226.98	6.88	6.88	41810	2500	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5	1		KEQY	MONROE	NC (US)
IAP	RNAV (GPS) RWY 5			KEQY	MONROE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

FIX TYPE: DELETED "INT".

FIX MAKE-UP FACILITIES: DELETED FAC 2 (CLT) AND ASSOCIATED DATA.

REMARKS: DELETED "MONROE (FAC 1) AND CHARLOTTE (FAC 2) USED TO ESTABLISH FIX COORDINATES".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TRAVIS BRISTOW

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

Digitally signed by

CASEY D HILL

Jul 30, 2025

SIGNATURE:

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RADIO FIX AND HOLDING DATA RECORD

NAME: WUVUL

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345933.47N/0803915.61W

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	MONROE	I-EQY	LOC/DME		232.98	226.98	2.92	2.92		1120	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5	1		KEQY	MONROE	NC (US)
IAP	RNAV (GPS) RWY 5			KEQY	MONROE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

FIX TYPE: DELETED "INT".

FIX MAKE-UP FACILITIES: DELETED FAC 2 (CLT) AND ASSOCIATED DATA.

REMARKS: DELETED "MONROE (FAC 1) AND CHARLOTTE (FAC 2) USED TO ESTABLISH FIX COORDINATES".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TRAVIS BRISTOW

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

Digitally signed by

CASEY D HILL

SIGNATURE:

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