

RADIO FIX AND HOLDING DATA RECORD

NAME: JARPO

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 353624.70N/0803202.36W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 2

FAC

PAT

AIRPORT IDENT
KRUQ

CITY
SALISBURY

STATE
NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/12/2018

OFFICE: AJV-5433

NAME: JAMES LAFFERTY

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: KOTNE

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 353316.48N/0803308.35W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 2

FAC

PAT

AIRPORT IDENT
KRUQ

CITY
SALISBURY

STATE
NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

MOVED FIX 153.10 FEET NORTH FROM "353315.020N/0803308.830W" TO "353316.482N/0803308.348W".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/12/2018

OFFICE: AJV-5433

NAME: JAMES LAFFERTY

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: LOCAS

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351205.18N/0802644.89W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 21-ASW-10

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	CHARLOTTE	CLT	VOR/DME	L	093.32	088.32	24.90	24.89	2500	17500
2	CHESTERFIELD	CTF	VOR/DME	DH	348.72	345.72	34.06	34.06	2500	17500
3	LIBERTY	LIB	VORTAC	L	231.39	228.39	54.79	54.79	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LIB	VORTAC	R-231	55	3000	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		WP	273.32	093.32	R		4	3000	6000	5	6
2	W	CLT	VOR/DME	093.32	093.32	R	1		4000	6000	6	7
3	N	CTF	VOR/DME	348.72	168.72	R	1		4000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-003237)	351037.60N/0803752.40W	1150	5D
2	200	TOWER (37-003237)	351037.60N/0803752.40W	1150	5D
3	200	TOWER (37-001420)	352130.70N/0803636.40W	2027	2D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

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

CHART ON SECTIONAL - ATC REQUEST.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PAT 2 HOLDING AT 4000 PER ATC REQUEST.

PAT 1 SUCESSFULLY EVALUATED AT 086.32T FOR KCLT AND 087.32T FOR KJQF; SAME CONTROLLING OBSTACLE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T398					(US)
EN ROUTE	V409	1, 2, 3				NC (US)
IAP	ILS OR LOC RWY 18L	1, 2	2	KCLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 18L (ALT MISS)	2	3	KCLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 36R	1, 2	2	KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36R (CAT II/III)	1, 2	2	KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36R (SA CAT I)	1, 2	2	KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) Y RWY 18L		1	KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) Y RWY 36R		1	KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) RWY 2			KJQF	CONCORD	NC (US)
IAP	RNAV (GPS) RWY 20		1	KJQF	CONCORD	NC (US)
IAP	RNAV (GPS) RWY 23			KEQY	MONROE	NC (US)
IAP	RNAV (GPS) RWY 2			KRUQ	SALISBURY	NC (US)
IAP	RNAV (GPS) RWY 22			N52	WAXHAW	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

AIRSPACE DOCKET: ADD 21-ASW-10.

FIX USE: DELETE V54.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: LEE STUCKEY

APPROVED BY:

DATE: 07/14/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: OWALT

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 354458.11N/0805257.21W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 21-ASO-27

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	CHARLOTTE	CLT	VOR/DME	L	010.76	005.76	33.66	33.67		3000	17500
2	BARRETTS MOUNTAIN	BZM	VOR/DME	H	118.16	112.16		18.88		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHARLOTTE (FAC 1) AND BARRETTS MOUNTAIN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
CHART ON SECTIONAL - ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T437					(US)
EN ROUTE	V37	1, 2				(US)
IAP	RNAV (GPS) RWY 24			KHKY	HICKORY	NC (US)
IAP	RNAV (GPS) RWY 2			KRUQ	SALISBURY	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 21-ASO-27.

FIX MAKE-UP FACILITIES: REMOVED FAC 2 (BZM) DME - FACILITY USED AS CROSSING RADIAL ONLY. CHANGED FAC 1 (CLT) DME FROM 33.67 TO 33.66.

REMARKS: ADDED CHART ON SECTIONAL - ATC REQUEST. ADDED FIX COORDINATES REMARK.

FIX USE: ADDED T437.

REQUIRED CHARTING: ADDED SECTIONAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: