

RADIO FIX AND HOLDING DATA RECORD

NAME: AUUDD

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351832.36N/0805828.67W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	CHARLOTTE	I-RGS	LOC/DME		002.96	355.96	6.32	6.68	40607	2400	4000

REMARKS:

I-RGS DME COORDINATES: 351213.26N-0805801.09W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18R	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)	1		KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) Y RWY 18R			KCLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/15/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CILOV

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351448.68N/0805809.40W

TYPE: 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	CHARLOTTE	I-RGS	LOC/DME		002.96	355.96	2.59	2.95		1100	5200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-RGS DME COORDINATES: 351213.26N-0805801.09W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18R	1		KCLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/15/2019

REASON FOR REVISION:

FIX MOVED 1521 FT SOUTH.
UPDATED I-RGS DME COORDINATES.
UPDATED FIX MAKE UP FAC 1 MRA FROM 1180 TO 1100

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EMERS

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 352334.41N/0805854.75W

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	CHARLOTTE	I-RGS	LOC/DME		002.96	355.96	11.36	11.72		4000	5200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-RGS DME COORDINATES: 351213.26N-0805801.09W.
ESV ON FILE: RGS GS, R-003, 11 NM, 4000-4000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18R	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)	1		KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) Y RWY 18R			KCLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

UPDATED I-RGS DME COORDINATES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JHUNT

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 352025.75N/0805838.45W

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	CHARLOTTE	I-RGS	LOC/DME		002.96	355.96	8.21	8.57		3000	5200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-RGS DME COORDINATES: 351213.26N-0805801.09W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18R	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)	1		KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) Y RWY 18R			KCLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

UPDATED FIX L/L, MOVED 44 FEET NORTH.

UPDATED FIX MAKEUP FACILITY DME AND DIST FROM FAC NM, REMOVED DIST FROM FAC IN FT.

UPDATED I-RGS DME COORDINATES IN REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: NELLA

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 352952.60N/0805927.48W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CHARLOTTE	I-RGS	LOC/DME		002.96	355.96	17.67	18.03		6000	6000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-RGS	LOC/DME	R-003	18	6000	6000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-RGS DME COORDINATES: 351213.26N-0805801.09W.
RGS GS, R-003, 17 NM, 6000-6000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18R	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)	1		KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) Y RWY 18R			KCLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

UPDATED I-RGS DME COORDINATES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RUDKY

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 353301.69N/0805943.88W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CHARLOTTE	I-RGS	LOC/DME		002.96	355.96	20.82	21.18		7000	7000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-RGS	LOC/DME	R-003	22	7000	7000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-RGS DME COORDINATES: 351213.26N-0805801.09W.
RGS GS, R-003, 20 NM, 7000-7000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18R	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)	1		KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) Y RWY 18R			KCLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

UPDATED I-RGS DME COORDINATES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: STULL STATE: SC COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 350554.02N/0811127.84W TYPE: WP, INT, DME

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 FEET	MAA
1	CHARLOTTE	CLT	VOR/DME	L	250.00	245.00	13.00	13.00	4000	6000
2	BARRETTS MOUNTAIN	BZM	VOR/DME	L	182.98	176.98	46.22	46.22	4000	6000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BZM	VOR/DME	R-183	47	4000	6000

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	W	CLT	VOR/DME	250.00	070.00	R	1		4000	6000	6	15
2	N	BZM	VOR/DME	182.98	182.98	R	1		4000	6000	6	15
3	W	WP	WP	252.00	072.00	R		4	4000	6000	5	14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-000698)	350747.42N/0811628.36W	1540	1B
1	310	TOWER (45-000698)	350747.42N/0811628.36W	1540	1B
2	200	AAO	351230.00N/0811845.00W	1854	4E
2	310	TOWER (37-001173)	352049.00N/0811014.00W	2754	5E
3	200	TOWER (45-000698)	350747.42N/0811628.36W	1540	1B
3	310	TOWER (45-000698)	350747.42N/0811628.36W	1540	1B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 18R	KCLT	CHARLOTTE	NC (US)
1	ILS RWY 18R (CAT II-III)	KCLT	CHARLOTTE	NC (US)
1	ILS RWY 18R (SA CAT I)	KCLT	CHARLOTTE	NC (US)
2	ILS OR LOC RWY 18R (ALT MA)	KCLT	CHARLOTTE	NC (US)
2	ILS RWY 18R (CAT II-III)(ALT MA)	KCLT	CHARLOTTE	NC (US)
2	ILS RWY 18R (SA CAT I)(ALT MA)	KCLT	CHARLOTTE	NC (US)
3	RNAV (GPS) Y RWY 18R	KCLT	CHARLOTTE	NC (US)

REMARKS:

CHARLOTTE (FAC 1) AND BARRETTS MOUNTAIN (FAC 2) USED TO ESTABLISH FIX COORDINATES
 ESV ENCOMPASSES HOLD PATTERN LEG LENGTH DUE TO HOLDING IS FROM THE NAVAID.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18R	1, 2	1	KCLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 18R (ALT MA)	2	2	KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)	1, 2	1	KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)(ALT MA)	2	2	KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)	1, 2	1	KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)(ALT MA)	2	2	KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) Y RWY 18R		3	KCLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

UPDATED HOLDING PATTERN MAX TEMPLATE; PAT 1 FROM 7 TO 15, PAT 2 FROM 7 TO 15 AND PAT 3 FROM 6 TO 14.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-5422 NAME: HEIDI SNIDER

APPROVED BY:**DATE:****OFFICE:** AJV-5420**NAME:** JULIE MORGAN**SIGNATURE:****DISTRIBUTION:**

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WOVEN

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 352643.51N/0805911.10W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION:

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CHARLOTTE	I-RGS	LOC/DME		002.96	355.96	14.51	14.87		5000	5200

REMARKS:

I-RGS DME COORDINATES: 351213.26N-0805801.09W.
ESV ON FILE: RGS GS, R-003, 14 NM, 5000-5000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18R	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (CAT II-III)	1		KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 18R (SA CAT I)	1		KCLT	CHARLOTTE	NC (US)
IAP	RNAV (GPS) Y RWY 18R			KCLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

UPDATED I-RGS DME COORDINATES TO MATCH AIRNAV DATA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: CLT TRACON
OTHER: