

RADIO FIX AND HOLDING DATA RECORD

NAME: ADENA

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 344358.77N/0813234.15W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 21-ASO-8

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	231.95	226.95	40.00	40.00		2400	17500
2	SPARTANBURG	SPA	VORTAC	H	135.41	133.41		26.15		2400	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	UNARM	1, 2		KVUJ	ALBEMARLE	NC (US)
STAR	UNARM	1, 2		KCLT	CHARLOTTE	NC (US)
STAR	UNARM	1, 2		KJQF	CONCORD	NC (US)
STAR	UNARM	1, 2		KAKH	GASTONIA	NC (US)
STAR	UNARM	1, 2		KIPJ	LINCOLNTON	NC (US)
STAR	UNARM	1, 2		KEQY	MONROE	NC (US)
STAR	UNARM	1, 2		KRUQ	SALISBURY	NC (US)
STAR	UNARM	1, 2		KEHO	SHELBY	NC (US)
STAR	UNARM	1, 2		KAFP	WADESBORO	NC (US)
STAR	UNARM	1, 2		N52	WAXHAW	NC (US)
STAR	UNARM	1, 2		KDCM	CHESTER	SC (US)
STAR	UNARM	1, 2		KLKR	LANCASTER	SC (US)
STAR	UNARM	1, 2		KUZA	ROCK HILL	SC (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

ADDED AIRSPACE DOCKET NUMBER 21-ASO-8.
REMOVED V454 FROM FIX USE.
REMOVED IAP FROM REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RALPH DUMAR

APPROVED BY:

DATE: 02/23/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by

CASIMIR L TABAKA

Sep 23, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BIFFS

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 342814.02N/0815238.71W

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	GREENWOOD	GRD	VORTAC	H	047.26	046.26	19.00	19.00		5000	17500
2	SPARTANBURG	SPA	VORTAC	H	177.83	175.83		33.82		5000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GREENWOOD (FAC 1) AND SPARTANBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	UNARM	1, 2		KVUJ	ALBEMARLE	NC (US)
STAR	UNARM	1, 2		KCLT	CHARLOTTE	NC (US)
STAR	UNARM	1, 2		KJQF	CONCORD	NC (US)
STAR	UNARM	1, 2		KAKH	GASTONIA	NC (US)
STAR	UNARM	1, 2		KIPJ	LINCOLNTON	NC (US)
STAR	UNARM	1, 2		KEQY	MONROE	NC (US)
STAR	UNARM	1, 2		KRUQ	SALISBURY	NC (US)
STAR	UNARM	1, 2		KEHO	SHELBY	NC (US)
STAR	UNARM	1, 2		KAFP	WADESBORO	NC (US)
STAR	UNARM	1, 2		N52	WAXHAW	NC (US)
STAR	UNARM	1, 2		KDCM	CHESTER	SC (US)
STAR	UNARM	1, 2		KLKR	LANCASTER	SC (US)
STAR	UNARM	1, 2		KUZA	ROCK HILL	SC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED UNARM STAR AT KEHO, KIPJ, KAKH, KRUQ, KJQF, KVUJ, KUZA, KEQY, KAFP, KDCM, KN52, AND KLKR TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: PETER GUIMOND

APPROVED BY:

DATE: 02/23/2023

OFFICE: AVJ-A430

NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by

CASIMIR L TABAKA

Sep 23, 2022

DISTRIBUTION:

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

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LOCKS

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345539.79N/0811732.69W

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	FAC FEET	MRA	MAA
1	SPARTANBURG	SPA	VORTAC	H	103.28	101.28	31.92	31.92		2300	17500
2	CHARLOTTE	CLT	VOR/DME	L	231.95	226.95	23.00	23.00		2300	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V415	1, 2				(US)
IAP	RNAV (GPS) RWY 3			KAKH	GASTONIA	NC (US)
IAP	RNAV (GPS) RWY 5			KEQY	MONROE	NC (US)
IAP	RNAV (GPS) RWY 6			KLKR	LANCASTER	SC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

1. REMOVED GRD VORTAC (FAC 3) FROM FIX MAKE-UP FACILITIES.
2. REMOVED ESV ASSOCIATED WITH GRD VORTAC.
3. REMOVED "DO NOT CHART GRD DME AT LOCKS ON ENROUTE LOW" FROM REMARKS.
4. REMOVED FIX USE: UNARM STAR FOR KVVJ, KCLT, KJQF, KAKH, KIPJ, KEQY, KRUQ, KEHO, KAFP N52, KDCM, KLKR, AND KUZA.
5. REMOVED "STAR" FROM REQUIRED CHARTING.
6. REMOVED HOLDING PATTERN 1, CONTROLLING OBSTACLE, AND ALL ASSOCIATIONS.
7. REMOVED "PRECIPITOUS TERRAIN EVALUATION COMPLETE" FROM REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LEAH JENSEN

APPROVED BY:

DATE: 02/23/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Sep 23, 2022

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14
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