

RADIO FIX AND HOLDING DATA RECORD

NAME: JIRUL

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351919.09N/0813122.57W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP

IAP

USE TITLE

RNAV (GPS) RWY 05

RNAV (GPS) RWY 23

FAC

PAT

AIRPORT IDENT

KEHO

KEHO

CITY

SHELBY

SHELBY

STATE

NC (US)

NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/25/2011

REASON FOR REVISION:

REMOVED FAC 1/ FIX MAKE-UP FACILITIES, FIX IS A WP.

UPDATED FIX USE INFORMATION, ADDED RNAV (GPS) RWY 23.

FIX MOVED 5594.46 FT NE TO SERVE AS RWY 23 PFAF.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/18/2011

OFFICE: AJV-352

NAME: DONALD SMITH (SHAWN REDDINGER)

APPROVED BY:

DATE: 05/27/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZTL

ATC FACILITY: CLT TRACON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SPARTANBURG VORTAC

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 345417.21N/0815811.28W

TYPE:

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	FEET	MRA	MAA
1	SPARTANBURG	SPA	VORTAC	H							45000

FIX RESTRICTIONS:

MCA V605 5200 NORTHBOUND

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	S	SPA	VORTAC	194.00	014.00	R	1		2700	17500	4	20

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-001852)	345126.00N/0815446.00W	1198	5D
1	310	TOWER (45-000490)	345311.14N/0814915.33W	1677	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 5	KSPA	SPARTANBURG	SC (US)
1	ILS OR LOC RWY 5	KSPA	SPARTANBURG	SC (US)
1	VOR RWY 22	KSPA	SPARTANBURG	SC (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGVAR 7W/2030.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ASHEVILLE			KAVL	ASHEVILLE	NC (US)
DP	CHARLOTTE			KCLT	CHARLOTTE	NC (US)
DP	KINGS			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
EN ROUTE	V266					(US)
EN ROUTE	V415					(US)
EN ROUTE	V53					(US)
EN ROUTE	V605					(US)
IAP	ILS OR LOC RWY 35			KAVL	ASHEVILLE	NC (US)
IAP	ILS OR LOC RWY 1			KGMU	GREENVILLE	SC (US)
IAP	ILS OR LOC RWY 5		1	KGYH	GREENVILLE	SC (US)
IAP	ILS OR LOC RWY 22		1	KGSP	GREER	SC (US)
IAP	ILS OR LOC RWY 4		1	KGSP	GREER	SC (US)
IAP	ILS RWY 4 (CAT II-III)		1	KGSP	GREER	SC (US)
IAP	ILS RWY 4 (SA CAT I)		1	KGSP	GREER	SC (US)
IAP	ILS OR LOC RWY 5		1	KSPA	SPARTANBURG	SC (US)
IAP	VOR RWY 22		1	KSPA	SPARTANBURG	SC (US)
IAP	VOR RWY 5		1	KSPA	SPARTANBURG	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 36

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

1. FIX MAKEUP LAT/LONG CHANGED FROM 350201.05N/0815537.24W TO 345419.19N/0815811.30W, NAVAID RELOCATED 7.96 NM SOUTHWEST.
2. FIX USE REMOVED KEHO NDB RWY 23.
3. FIX USE REMOVED KEHO RNAV (GPS) RWY 5.
4. FIX USE REMOVED KFQD LOC RWY 1.
5. FIX USE REMOVED KFQD RNAV (GPS) RWY 1.
6. FIX USE REMOVED KGSO BROOK STAR.
7. FIX USE REMOVED KINT BROOK STAR.
8. FIX USE REMOVED ROUTE J83.
9. FIX USE REMOVED ROUTE J85.
10. FIX USE ADDED KSPA VOR RWY 5.
11. FIX USE ADDED KSPA VOR RWY 22.
12. REMARKS CHANGED MAGVAR FROM 2W/1965 TO 7W/2030.
13. REMARKS CHANGED FROM "PRECIPITOUS TERRAIN EVALUATION COMPLETE" TO "PRECIPITOUS TERRAIN EVALUATION COMPLETED".
14. CONTROLLING OBSTRUCTIONS CHANGED HP1 200 KNOT OBSTRUCTION FROM "TOWER (45-054085) 1336 4D" TO "TOWER (45-001852) 1198 5D".
15. PROCEDURES REQUIRING CLIMB-IN-HOLD ADDED KSPA VOR RWY 5.
16. PROCEDURES REQUIRING CLIMB-IN-HOLD ADDED KSPA VOR RWY 22.
17. REQUIRED CHARTING ADDED SECTIONAL.
18. FIX RESTRICTIONS REMOVED "MCA V53 5200 NORTHWEST BOUND".

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

NAME: CHARLES HIRST**APPROVED BY:****DATE:** 08/28/2025**OFFICE:** AJV-A431**NAME:** ROBERT HAMILTON**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: UPCEG STATE: SC COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351013.84N/0814202.37W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY5			KEHO	SHELBY	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 08/25/2011

REASON FOR REVISION:
FIX MOVED 725.51 FT SW, AMENDED FIX LAT/LONG: L-V FORMULA USED FOR PFAF.
REMOVED FAC 1, FIX IS A WAYPOINT.
UPDATED FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 03/17/2011	OFFICE: AJV-352	NAME: DONALD SMITH (SHAWN REDDINGER)
APPROVED BY:	DATE: 05/27/2011	OFFICE: AJV-352	NAME: DARRYEL ADAMS

SIGNATURE:

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