

RADIO FIX AND HOLDING DATA RECORD

NAME: FASER

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351811.60N/0822856.95W

TYPE: INT, 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 FEET	MRA	MAA
1	ASHEVILLE	I-AVL	LOC/DME		166.83	159.83	9.33	9.31	4100	6600
2	SUGARLOAF MOUNTAIN	SUG	VORTAC	L	241.54	239.54		12.18	4100	6600

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

ASHEVILLE (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35	1, 2		KAVL	ASHEVILLE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/02/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: CORY SLANE

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

QUALITY
35
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FREEZ

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351235.52N/0823323.14W

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	SUGARLOAF MOUNTAIN	SUG	VORTAC	L	232.27	230.27	18.40	18.40	7100	17500
2	SPARTANBURG	SPA	VORTAC	H	309.43	302.43		34.17	7100	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T414					(US)
IAP	ILS OR LOC RWY 35	1, 2		KAVL	ASHEVILLE	NC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

AMENDED FIX MAKE-UP FACILITY 2 MAG BRG FROM "291.00" TO "309.43", TRUE BRG FROM "289.00" TO "302.43" AND DIST FROM FAC FROM "32.73" TO "34.17."

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RADIO FIX AND HOLDING DATA RECORD

NAME: JUNOE STATE: NC COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 354019.85N/0823854.19W TYPE: 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	MAA
1	HOLSTON MOUNTAIN	HMV	VORTAC	L	213.00	209.00	52.57	52.57	6600	17500
2	SNOWBIRD	SOT	VORTAC	L	113.58	109.58	20.96	20.96	6600	17500
3	SUGARLOAF MOUNTAIN	SUG	VORTAC	L	312.67	310.67	24.48	24.48	6600	17500
4	ASHEVILLE	I-IMO	LOC/DME		346.82	339.82	15.88	15.90	6600	6600

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HMV	VORTAC	R-213	53	6600	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	SE	SUG	VORTAC	132.67	312.67	L	1	6800 10000	10 11
2	N	I-IMO	LOC/DME	346.82	166.82	L	1	6800 10000	10 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	353812.00N/0824751.00W	4607	4B
1	310	AAO	354051.00N/0822518.00W	5407	4B
2	230	TOWER (37-020452)	355307.89N/0823506.08W	4048	1A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	300
1	230	270
2	230	240

REASON FOR NONSTANDARD HOLDING:

PAT 1 HIGH TERRAIN TO NORTH.
 PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 35	KAVL	ASHEVILLE	NC (US)

REMARKS:

HOLSTON MOUNTAIN (FAC 1) AND SNOWBIRD (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17	2, 4	2	KAVL	ASHEVILLE	NC (US)
IAP	ILS OR LOC RWY 35	1, 2, 3	1	KAVL	ASHEVILLE	NC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

- UPDATED HOLDING PATTERN 1 CONROLLING OBSTACLES FROM "230 AAO 353812.00N/0824751.00W 4561 4E" AND "310 AAO 354052.00N/0822516.00W 5430 2C" TO "230 AAO 353812.00N/0824751.00W 4607 4B" AND "310 AAO 354051.00N/0822518.00W 5407 4B."
- UPDATED HOLDING PATTERN 1 PRECIPITOUS TERRAIN ADDITIONS FOR SPEED 230 FROM "260" TO "270" AND SPEED 310 FROM "290" TO "300."
- ADDED PROCEDURES REQUIRING CLIMB-IN-HOLD: "PATTERN 1 ILS OR LOC RWY 35 KAVL ASHEVILLE NC (US)."
- REMOVED REMARKS "PAT 1 230 OBS LOCATED 0.47 NM INTO SECONDARY AREA, PRIMARY EQUIVALENT HEIGHT 4330."

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: CORY SLANE

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RADIO FIX AND HOLDING DATA RECORD

NAME: NURUE

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351613.93N/0822804.31W

TYPE: 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	FEET	MRA	MAA
1	ASHEVILLE	I-AVL	LOC/DME		166.83	159.83	11.42	11.40		5200	6600
2	SUGARLOAF MOUNTAIN	SUG	VORTAC	L	232.27	230.27		12.73		5200	6600

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	S	I-AVL	LOC/DME	166.83	346.83	R	1		5200	6600	5	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	351400.00N/0823200.00W	3685	4B

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	180

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

ASHEVILLE (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35	1, 2	1	KAVL	ASHEVILLE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

1. UPDATED FACE MAKE-UP FOR ASHEVILLE I-AVL FROM MRA "5100" TO "5200."
2. UPDATED FACE MAKE-UP FOR SUGARLOAF MOUNTAIN SUG FROM MRA "5100" TO "5200."
3. UPDATED HLDING PATTERN 1 HOLDING ALTITUDE MIN FROM "5100" TO "5200."
4. UPDATED HOLDING PATTERN 1 CONTROLLING OBSTACLE FROM "200 AAO 351400.00N/0823200.00W 3619 4E" TO "200 AAO 351400.00N/0823200.00W 3685 4B."
5. UPDATED HOLDING PATTERN 1 PRECIPITOUS TERRAIN ADDITIONS FROM "170" TO "180."

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