

RADIO FIX AND HOLDING DATA RECORD

NAME: BOOIE LOM

STATE: TN

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362353.05N/0822943.85W

TYPE: RADAR

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	BOOIE	BO	LOM	MH						3400	17500
2	BRISTOL/JOHNSON/KINGSPORT	I-BON	LOC		229.57	222.57		7.28	44245	3400	6300

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	SW	BO	LOM	229.57	049.57	R	1		6300	6300	8	14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	362218.00N/0822906.00W	2294	4B
1	310	AAO	360412.00N/0823736.00W	4968	4B

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	190

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 23 SA CAT I/CAT II	TRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)

REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE BOOIE LOM.
ACTUAL FACILITY LOCATION IS 362355.06N/0822946.56W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 310 KIAS CONTROLLING OBSTRUCTION LIES 3620.37 FT INTO THE SECONDARY AREA: SECONDARY ADJUSTMENT -648.
FACILITY MAG VAR: W7/2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23 SA CAT I/CAT II		1	TRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
IAP	ILS OR LOC RWY 5	1, 2		TRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. FIX LATITUDE/LONGITUDE: CHANGED FROM "362353.07N/0822943.78W" TO "362353.05N/0822943.85W."
2. FIX MAKE-UP FACILITIES: CHANGED FAC 2 MAG BRG & TRUE BRG FROM "229.56/222.56" TO "229.57/222.57" AND DIST FROM FAC/MAA FROM "44238/6000" TO "44245/6300."
3. HOLDING PATTERNS: CHANGED PAT 1 RAD/CRS/BRG & CRS INBOUND FROM "229.56/049.56" TO "229.57/049.57," HOLDING MIN/MAX ALTITUDES FROM "3800/6000" TO "6300/6300" AND MIN/MAX TEMPLATES FROM "4/5" TO "8/14."
4. CONTROLLING OBSTRUCTIONS: DELETED PAT 1 200 AAO; ADDED OBSTACLES 230 AAO 362218.00N/0822906.00W/2294/4B" AND 310 AAO 360412.00N/0823736.00W/4968/4B AND PR 190."
5. ADDED PROCEDURES REQUIRING CLIMB-IN-HOLD: PAT 1 ILS OR LOC RWY 23 SA CAT I/CAT II AT TRI BRISTOL/JOHNSON/KINGSPORT TN (US).
6. REMARKS: ACTUAL FACILITY LOCATION CHANGED FROM "362355.11N/0822946.57W" TO "362355.06N/0822946.56W," REMOVED "FACILITY 2 - BRISTOL/JOHNSON/KINGSPORT (I-BON)" AND ADDED "PAT 1 310 KIAS CONTROLLING OBSTRUCTION LIES 3620.37 FT INTO THE SECONDARY AREA: SECONDARY ADJUSTMENT -648."
7. FIX USE: COMBINED IAPS FROM "ILS OR LOC RWY 23, ILS RWY 23 (CAT II) AND ILS RWY 23 (SA CAT I)" TO "ILS OR LOC RWY 23 SA CAT I/CAT II."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: KAMARUDINI RAIMI

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOLSTON MOUNTAIN VORTAC

STATE: TN

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362613.40N/0820746.56W

TYPE:

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 FEET	MRA	MAA
1	HOLSTON MOUNTAIN	HMV	VORTAC	L						45000

FIX RESTRICTIONS:

MCA V310 6900 EASTBOUND
MCA V259 6600 SOUTHEAST BOUND
MCA V605 8500 SOUTHBOUND

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	NE	HMV	VORTAC	064.00	244.00	R	1	6700 17500	8 16
2	NE	HMV	VORTAC	064.00	244.00	L	1	6700 17500	8 16
3	SW	HMV	VORTAC	244.00	064.00	R	1	6700 17500	8 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (47-002282)	362658.20N/0820628.70W	4632	2C
2	230	TOWER (47-002282)	362658.20N/0820628.70W	4632	2C
3	230	TOWER (47-002282)	362658.20N/0820628.70W	4632	2C

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

HOLD PATTERNS 1, 2 AND 3 USED FOR FLOW CONTROL BETWEEN ATC SECTORS (DO NOT CHART ON LOW ENROUTE/ATC REQUEST).
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 4 DEGREES W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V136					(US)
EN ROUTE	V16					(US)
EN ROUTE	V259					(US)
EN ROUTE	V310					(US)
EN ROUTE	V35					(US)
EN ROUTE	V364					(US)
EN ROUTE	V53					(US)
EN ROUTE	V605					(US)
IAP	ILS OR LOC RWY 17			AVL	ASHEVILLE	NC (US)
IAP	ILS OR LOC RWY 35			AVL	ASHEVILLE	NC (US)
STAR	BTSEY			CLT	CHARLOTTE	NC (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 25

DATE OF REVISION: 09/03/2026

REASON FOR REVISION:

- REMARKS: UPDATED " MAG VAR W04/1985" TO "ASSIGNED FACILITY MAGVAR: 4 DEGREES W."
- FIX USE: DELETED LIINN STAR FROM AFP, AKH, CLT, DCM, EHO, EQY, IPJ, LKR, UZA, N52.
- FIX USE: DELETED DP HICKORY (OBSTACLE) AT HKY.
- FIX USE: DELETED ILS OR LOC RWY 23, ILS OR LOC RWY 5, ILS RWY 23 (CAT II), ILS RWY 23 (SA CAT I) AT TRI.
- REQUIRED CHARTING: DELETED DP

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 07/30/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: