

RADIO FIX AND HOLDING DATA RECORD

NAME: CUMBERLAND RIVER NDB STATE: KY COUNTRY: US ICAO REGION CODE: K5
LATITUDE/LONGITUDE: 365946.52N/0844052.35W TYPE:

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	CUMBERLAND RIVER	CDX	NDB	MH							17500

HOLDING: HOLDING TYPE OF ACTION: CANCEL

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	SW	CDX	NDB	227.89	047.89	R	1	3000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	365133.00N/0844433.00W	1683	4E
1	310	AAO	364339.00N/0845436.00W	1907	4E

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 5	KSME	SOMERSET	KY (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: W5/2005.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5		1	KSME	SOMERSET	KY (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

1. CONTROLLING OBSTRUCTIONS: CHANGED PAT 1 OBSTRUCTION FROM 1710 FT AAO 365134.30N/0844431.00W TO 1683 FT AAO 365133.00N/0844433.00W AND ADDED 310 AIRSPEED 1907 FT AAO 364339.00N/0845436.00W WITH PROCEDURES REQUIRING CLIMB-IN-HOLD REMARK FOR PAT 1 AT KSME, ILS OR LOC RWY 5.
2. HOLDING RESTRICTIONS: MOVED HOLDING LIMITED TO ESTABLISHED PATTERN(S) FROM REMARKS.
3. REMARKS: ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED, AND ASSIGNED FACILITY MAG VAR: W5/2005.
4. FIX USE: CORRECTED FORMATTING FOR IAP AT KSME AND CHANGED FROM ILS OR LOC/DME RWY 5 TO ILS OR LOC RWY 5.
5. REQUIRED CHARTING: ADDED CONTROLLER LOW.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: RICHARD CHRISTENSEN
APPROVED BY:	DATE: 08/28/2025	OFFICE: AJV-A422	NAME: RAKE MCGRAW

SIGNATURE: Digitally signed by
RAKE MCGRAW
May 23, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: HIPOD

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 365815.36N/0844240.70W

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 FAC NM	FEET	MRA	MAA
1	SOMERSET	I-SME	LOC/DME		227.89	222.89	7.30	7.32	44464	3000	5400

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-SME DME COORDINATES: 370334.08N-0843624.70W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5	1		KSME	SOMERSET	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

1. LAT/LONG: FIX MOVED 1907.8363 FEET NORTHEAST FROM 365820.1100N/0844235.2300W TO 365815.3586N/0844240.7007W.
2. FAC 1: CHANGED DME DISTANCE FROM 7.20 TO 7.30, AND DISTANCE FROM FAC FROM 7.21/43810 FEET TO 7.32 NM/44464 FEET.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JANTZEN TAYLOR

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE: *Digitally signed by*
RAKE MCGRAW
May 23, 2025

QUALITY
34
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LONDON VOR/DME

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 370159.34N/0840636.27W

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	LONDON	LOZ	VOR/DME	VL						45000

FIX RESTRICTIONS:

MCA V517 6000 NORTHBOUND

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	NE	LOZ	VOR/DME	065.88	245.88	R	1	3500 14000	4 10
2	SW	LOZ	VOR/DME	205.32	025.32	R	1	3500 14000	4 10
3	E	LOZ	VOR/DME	088.61	268.61	R	1	3700 14000	4 10
4	N	LOZ	VOR/DME	019.77	199.77	R	1	3300 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-001307)	370901.00N/0835932.00W	1933	5E
1	310	TOWER (21-020043)	370341.04N/0835128.32W	1975	1A
2	200	AAO	365436.00N/0840615.00W	1897	4E
2	310	AAO	365109.00N/0840533.00W	2153	4E
3	200	AAO	370327.00N/0835427.00W	1769	4B
4	200	TOWER (21-001967)	370745.00N/0840541.00W	1696	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 6	KLOZ	LONDON	KY (US)
2	VOR RWY 6	KLOZ	LONDON	KY (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: W03/1990.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KINGS			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	CHATTANOOGA			KCHA	CHATTANOOGA	TN (US)
DP	KNOXVILLE			KTYS	KNOXVILLE	TN (US)
DP	NASHVILLE			KBNA	NASHVILLE	TN (US)
EN ROUTE	V140					(US)
EN ROUTE	V310					(US)
EN ROUTE	V347					(US)
EN ROUTE	V517					(US)
EN ROUTE	V97					(US)
IAP	ILS OR LOC RWY 6		1	KLOZ	LONDON	KY (US)
IAP	VOR RWY 6		2	KLOZ	LONDON	KY (US)
IAP	ILS OR LOC RWY 5 (ALT MISS)		3	KSME	SOMERSET	KY (US)
IAP	LOC RWY 20		4	KBYL	WILLIAMSBURG	KY (US)
IAP	VOR RWY 20		4	KBYL	WILLIAMSBURG	KY (US)

REQUIRED CHARTING: DP, IAP, AREA, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

1. HOLDING: PAT 3: CHANGED CONTROLLING OBSTACLE FROM 1788 AAO TO 1769 AAO.

07/10/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/23/25.

FIX USE: CHANGED CHATTANOOGA DP SPELLING FROM CHATTANGOOGA TO CHATTANOOGA - CORRECTED SPELLING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

QUALITY
35
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OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JANTZEN TAYLOR

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

*Digitally signed by***RAKE MCGRAW**

Jul 10, 2025

QUALITY
35
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SITOW

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 365344.34N/0844753.45W

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	MRA	MAA
1	SOMERSET	I-SME	LOC		227.89	222.89	13.45	13.47	3700	5400
2	LIVINGSTON	LVT	VOR/DME	VL	045.51	043.51	25.75	25.75	3700	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	SW	I-SME	LOC	227.89	047.89	R	1		3700	6000	4	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-000490)	365041.40N/0844624.20W	1802	5E
1	310	AAO	364012.00N/0850033.00W	1992	3A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 5	KSME	SOMERSET	KY (US)

REMARKS:

SOMERSET (FAC 1) AND LIVINGSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.
FACILITY 1 DME COORDINATES: 370334.08N-0843624.70W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5	1, 2	1	KSME	SOMERSET	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

1. HOLDING: ADDED PAT 1 AND CIH.
2. HOLDING: RESTRICTION: ADDED REMARK HOLDING LIMITED TO ESTABLISHED PATTERN.
3. REMARKS: ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED
4. FIX MAKE UP: REMOVED LOZ FROM FIX MAKE UP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JANTZEN TAYLOR

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE: Digitally signed by

RAKE MCGRAW

May 23, 2025

QUALITY
34
CHECKED