

RADIO FIX AND HOLDING DATA RECORD

NAME: BURNS FLAT VORTAC

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 351413.00N/0991222.20W

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	BURNS FLAT	BFV	VORTAC	L						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	S	BFV	VORTAC	177.55	357.55	L	1	3200 17500	4 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (40-098317)	351337.62N/0990836.86W	2284	4D
1	310	WINDMILL (40-098272)	351805.96N/0990551.58W	2354	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 17R	KCSM	BURNS FLAT	OK (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: 5E/2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HOBART			KLTS	ALTUS	OK (US)
EN ROUTE	T420					(US)
EN ROUTE	T422					(US)
EN ROUTE	V140					(US)
EN ROUTE	V272					(US)
EN ROUTE	V440					(US)
IAP	HI-VOR OR TACAN RWY 17R			KCSM	BURNS FLAT	OK (US)
IAP	ILS OR LOC RWY 17R		1	KCSM	BURNS FLAT	OK (US)
IAP	VOR RWY 35L		1	KCSM	BURNS FLAT	OK (US)
IAP	RNAV (GPS) RWY 35			KCLK	CLINTON	OK (US)
IAP	RNAV (GPS) RWY 17			KELK	ELK CITY	OK (US)
IAP	RNAV (GPS) RWY 18			O35	HOLLIS	OK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

ADDED CLIMB IN HOLD TO HOLDING PATTERN 1
CHANGED CONTROLLING OBSTACLES HOLDING PATTERN ONE FROM 2087 AAO 351800.00N/0991548.00W, 2117 AAO 352021.00N/0991609.00W TO 2284 WINDMILL (40-098317), 2354 WINDMILL (40-098272).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: NICHOLAS HEIDERSTADT

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
May 19, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: CFPLB

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 353119.31N/0991204.18W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
ILS OR LOC RWY 17R

FAC

PAT

AIRPORT IDENT
KCSM

CITY
BURNS FLAT

STATE
OK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

FIX LOCATION CHANGED FROM 35312.66N/991204.22W TO 353119.31N/991204.18W

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: NICHOLAS HEIDERSTADT

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
May 19, 2025

QUALITY
21
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FOSSI LOM **STATE:** OK **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 352702.38N/0991204.63W **TYPE:** 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	FOSSI	BZ	LOM	MH						3800	17500
2	FOSSI	I-BZF	LOC		355.08	000.08		7.88	47906	3800	6400
3	BURNS FLAT	BFV	VORTAC	L			12.81	12.81		3800	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	N	BZ	LOM	355.08	175.08	L	1-1 1/2	3800 17500	4 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	353033.00N/0991621.00W	2087	4E
1	265	TOWER (40-001624)	353913.79N/0991239.64W	2317	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 AT REQUEST TO PREVENT INTERFERENCE WITH ELK CITY APPROACHES.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE FOSSI LOM.
 ACTUAL FACILITY LOCATION IS 352702.38N/0991205.32W.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 MAGNETIC VARIATION: E 05 / 2020

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17R	1, 2, 3	1	KCSM	BURNS FLAT	OK (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

FIX MOVED TO REFLECT LOCATION ON LOC/AZ CENTERLINE.
 FAC 1: MAGVAR UPDATED FROM 8E TO 5E, CHANGED MRA FROM 3000 TO 3800.
 FAC 2: ADDED.
 FAC 3: ADDED.
 HOLDING: CHANGED RAD/CRS/BRG FROM 352.00 TO 355.08, CRS INBOUND FROM 172.00 TO 175.08, MAX TEMPLATE FROM 13 TO 16.
 CONTROLLING OBSTRUCTIONS: CHANGED AIRSPEED FROM 230 TO 200, OBST FROM 2298 MSL TOWER TO 2087 MSL AAO, ADDED 265 KT OBST.
 REMARKS: ADDED LOCATION ON CENTERLINE ABEAM, AND PRECIPITOUS TERRAIN.
 FIX USE: UPDATED.
 REQUIRED CHARTING: REMOVED MILITARY IAP.

1/30/2017: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/03/2016.
 CHANGED CITY FROM CLINTON TO BURNS FLAT. ADDED MAGNETIC VARIATION: E 05 / 2020 TO REMARKS.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 02/03/2016	OFFICE: AJV-5422	NAME: THOMAS KIRKPATRICK
APPROVED BY:	DATE: 07/03/2025	OFFICE: AJV-A33	NAME: JOHN BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

May 19, 2025

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZFW
 ATC FACILITY: CSM TOWER
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: HOBART VORTAC

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 345159.60N/0990348.19W

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	HOBART	HBR	VORTAC	L							17500

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	HBR	VORTAC	044.00	224.00	R	1		3600	17500	4	16
2	S	HBR	VORTAC	173.59	353.59	R	1		3800	6000	4	5
3	NE	HBR	VORTAC	042.00	222.00	R	1		4000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	345444.10N/0985734.40W	2290	6A
2	200	AAO	344942.00N/0985836.00W	2139	4E
3	200	AAO	345444.10N/0985734.40W	2290	6A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
ASSIGNED FACILITY MAG VAR: 10E/1965.
PATTERN 1 FOR ATC USE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V14					OK (US)
EN ROUTE	V436					OK (US)
IAP	RNAV (GPS) RWY 17			KAXS	ALTUS	OK (US)
IAP	RNAV (GPS) RWY 35			KAXS	ALTUS	OK (US)
IAP	VOR-A		3	KAXS	ALTUS	OK (US)
IAP	HI-VOR OR TACAN RWY 17R			KCSM	BURNS FLAT	OK (US)
IAP	ILS OR LOC RWY 17R			KCSM	BURNS FLAT	OK (US)
IAP	RNAV (GPS) RWY 18			KFSI	FORT SILL	OK (US)
IAP	VOR RWY 18			KFSI	FORT SILL	OK (US)
IAP	VOR RWY 36			KFSI	FORT SILL	OK (US)
IAP	VOR RWY 35		2	KHBR	HOBART	OK (US)

REQUIRED CHARTING: MILITARY IAP, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

ADDED REMARKS: HOLDING PATTERN 1 FOR ATC USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: NICHOLAS HEIDERSTADT

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

May 19, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: PISCA

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 352405.01N/0991204.93W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CLINTON	I-BZF	LOC		355.08	000.08		4.93		2660	6400
2	BURNS FLAT	BFV	VORTAC	L			9.85	9.85		2660	6400

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

CLINTON (FAC1) AND BURNS FLAT (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17R	1, 2		KCSM	BURNS FLAT	OK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/07/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: NICHOLAS HEIDERSTADT

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
May 19, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: REXFU

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 352718.95N/0991204.60W

TYPE: WP, 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	CLINTON	I-BZF	LOC		355.08	000.08	8.16	8.16	49581	3800	6400
2	HOBART	HBR	VORTAC	L	339.15	349.15	35.91	35.91		3800	17500
3	BURNS FLAT	BFV	VORTAC	L	356.05	001.05	13.08	13.08		3800	17500

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	N	I-BZF	LOC	355.08	175.08	L	1	3800 6400	4 8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	353036.00N/0991618.00W	2087	4B
1	265	TOWER (40-001624)	353913.79N/0991239.63W	2317	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

CLINTON ILS (FAC 1), HOBART (FAC 2) AND BURNS FLAT VORTAC (FAC 3) 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 17R	1, 2, 3	1	KCSM	BURNS FLAT	OK (US)
IAP	RNAV (GPS) RWY 17R			KCSM	BURNS FLAT	OK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

ADDED CSM ILS OR LOC RWY 17R TO FIX USE.
ADDED HOLDING PAT 1
CLINTON ILS (FAC 1), HOBART (FAC 2) AND BURNS FLAT VORTAC (FAC 3) ADDED TO MAKE-UP FACILITES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
TYPE: ADDED DME

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: NICHOLAS HEIDERSTADT

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Jun 12, 2025

QUALITY
50
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SASHE

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 351708.67N/0993249.21W

TYPE: 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	BURNS FLAT	BFV	VORTAC	L	275.00	280.00	17.00	17.00	5000	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	W	BFV	VORTAC	275.00	095.00	L	1	5000 17500	10 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (40-000078)	351800.00N/0993744.00W	2544	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI - VOR OR TACAN RWY 17R	1	1	KCSM	BURNS FLAT	OK (US)
IAP	ILS OR LOC RWY 17R	1	1	KCSM	BURNS FLAT	OK (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

HOLDING CONTROLLING OBSTACLE CHANGED FROM TOWER (40-000979) TO TOWER (40-000078)
HOLDING PATTERN 1 LEG TIME CHANGED FROM 1 1/2 TO 1.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: NICHOLAS HEIDERSTADT

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

May 19, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: WAXEY

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 353526.73N/0984636.32W

TYPE: WP, 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 FEET	MRA	MAA
1	WILL ROGERS	IRW	VORTAC	H	277.00	284.00	58.88	58.88	5000	17500
2	HOBART	HBR	VORTAC	L	007.91	017.91		45.61	4400	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IRW	VORTAC	R-277	59	5000	15800
HBR	VORTAC	R-008	46	4400	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

WILL ROGERS (FAC 1) AND HOBART (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC 1, 2	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V507					
IAP	VOR RWY 35L			KCSM	CLINTON	OK (US)
IAP	RNAV (GPS) RWY 17			KOJA	WEATHERFORD	OK (US)
IAP	RNAV (GPS) RWY 35			KOJA	WEATHERFORD	OK (US)

REQUIRED CHARTING: MILITARY IAP, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

REMOVED CSM ILS/LOC RWY 17R FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: NICHOLAS HEIDERSTADT

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

May 19, 2025

