

# RADIO FIX AND HOLDING DATA RECORD

NAME: CANTO

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 352146.26N/0990420.91W

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 NM	FAC FEET	MRA	MAA
1	BURNS FLAT	BFV	VORTAC	L	036.00	041.00	10.00	10.00		5000	17500

## FIX RESTRICTIONS:

MILITARY ONLY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SW	BFV	VORTAC	216.00	036.00	L	1-1 1/2	5000	17500	9	16

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (40-002679)	352640.18N/0985923.29W	2433	5D

## 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)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

FACILITY MAGVAR CHANGED FROM 8E TO 5E.

FAC 1: CHANGED MAG BRG FROM 033.00 TO 036.00, DIST FROM FAC 10.00 ADDED.

HOLDING: CRS INBOUND CHANGED FROM 033.00 TO 036.00, CHANGED LEG LENGTH FROM DME 7 TO 1-1 1/2, MAX ALTITUDE FROM 8000 TO 17500, MAX TEMPLATE FROM 10 TO 16.

FIX USE UPDATED.

1/30/2017: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/23/2016.

CHANGED CITY FROM CLINTON TO BURNS FLAT.

DEVELOPED BY:

DATE: 03/23/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

*Digitally signed by*

**DANIEL D OLSON**

Feb 02, 2017

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZFW  
ATC FACILITY:  
OTHER:

QUALITY  
9  
CHECKED

# 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: 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	HBR	VORTAC	044.00	224.00	R	1-1 1/2	3600 17500	4 16
2	S	HBR	VORTAC	173.59	353.59	R	1	3800 6000	4 5
3	S		WP	176.59	356.59	R	4	3600 6000	5 6
4	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	344942.00N/0985836.00W	2139	4E
4	200	AAO	345444.10N/0985734.40W	2290	6A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.  
PATTERN 1 FOR ATC USE.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HOBART			KLTS	ALTUS	OK (US)
DP	ODILL			KLTS	ALTUS	OK (US)
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		4	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	VOR RWY 35		2	KHBR	HOBART	OK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

UPDATED FIX USE.

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DEVELOPED BY:

DATE: 03/23/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

*Digitally signed by*

**DANIEL D OLSON**

Feb 02, 2017

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZFW  
ATC FACILITY: LTS APP CON  
OTHER:

QUALITY  
9  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: JUPOX

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 353314.20N/0991138.07W

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	FAC FEET	MRA	MAA
1	BURNS FLAT	BFV	VORTAC	L	356.81	001.81	19.00	19.00		3700	17500

## FIX RESTRICTIONS:

MILITARY ONLY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

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

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

FACILITY MAGVAR CHANGED FROM 8E TO 5E.  
FAC 1: MAG BRG CHANGED FROM 353.81 TO 356.81, DIST FROM FAC 19.00 ADDED.

1/30/2017: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/23/2016.  
CHANGED CITY FROM CLINTON TO BURNS FLAT.

DEVELOPED BY:

DATE: 03/23/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

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**DANIEL D OLSON**

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZFW

ATC FACILITY: CSM ATCT

OTHER:

Feb 02, 2017

QUALITY  
9  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: OLKAE

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 352655.81N/0991152.74W

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	FAC FEET	MRA	MAA
1	BURNS FLAT	BFV	VORTAC	L	356.81	001.81	12.70	12.70		3700	17500

## FIX RESTRICTIONS:

MILITARY ONLY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

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

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

FIX MOVED 607 FT S.

FAC 1: CHANGED MAG BRG FROM 353.81 TO 356.81, DME CHANGED FROM 12.8 TO 12.7 AND ADDED DIST FROM FAC 12.70.

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OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

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NFDC

FPO: CEN

ARTCC: ZFW

ATC FACILITY: CSM ATCT

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Feb 02, 2017

QUALITY  
9  
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# 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: MODIFY

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	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	1-1 1/2	5000 17500	10 17

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (40-000979)	352419.00N/0992955.00W	2738	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 (TACAN MISSED)	1	1	KCSM	BURNS FLAT	OK (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 04/27/2017

**REASON FOR REVISION:**

FIX MOVED 0.82 NM EAST.  
 FAC 1: CHANGED FROM SYO VORTAC TO BFV VORTAC.  
 HOLDING: CHANGED RAD/CRS/BRG FROM 125.00 TO 275.00, CRS INBOUND FROM 305.00 TO 095.00, MIN/MAX TEMPLATES FROM 9/16 TO 10/17, OBSTACLE FROM 2543 MSL TOWER TO 2738 MSL TOWER.

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DEVELOPED BY: DATE: 03/23/2016 OFFICE: AJV-5422 NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: GEORGE GONZALEZ

SIGNATURE: Digitally signed by  
**DANIEL D OLSON**

DISTRIBUTION: NFDC  
 FPO: CEN  
 ARTCC: ZFW  
 ATC FACILITY:  
 OTHER:  
 Feb 02, 2017



# RADIO FIX AND HOLDING DATA RECORD

NAME: WEROS

STATE: OK

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 352833.75N/0985706.48W

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 NM	FAC FEET	MRA	MAA
1	BURNS FLAT	BFV	VORTAC	L	036.00	041.00	19.00	19.00		5000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## HOLDING RESTRICTIONS:

MILITARY ONLY

## FIX USE:

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

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

FACILITY MAGVAR CHANGED FROM 8E TO 5E.

FAC 1: MAG BRG CHANGED FROM 033.00 TO 036.00, DIST FROM FAC 19.00 ADDED.

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