

# RADIO FIX AND HOLDING DATA RECORD

NAME: BRADZ

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 480932.83N/1115956.18W

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 NM	FAC FEET	MRA	MAA
1	CUT BANK	CTB	VOR/DME	VL	133.39	150.39	27.99	27.99		6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MRIAS (RNAV)			KCTB	CUT BANK	MT (US)
EN ROUTE	V21	1				(US)
IAP	RNAV (GPS) RWY 32			KCTB	CUT BANK	MT (US)
IAP	RNAV (RNP) Z RWY 21			KGTF	GREAT FALLS	MT (US)
IAP	RNAV (GPS) RWY 23			KSBX	SHELBY	MT (US)
IAP	RNAV (GPS) RWY 5			KSBX	SHELBY	MT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 10/05/2023

## REASON FOR REVISION:

1: REMOVED REMARK: CUT BANK (FAC 1) USED TO ESTABLISH FIX COORDINATES.  
2: UPDATED CUT BANK VOR/DME CLASS FROM: L TO: VL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: MICAH HILLEY

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A420

NAME: JASON KRETSCHMER

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CUT BANK VOR/DME **STATE:** MT **COUNTRY:** US **ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 483353.81N/1122035.72W **TYPE:**

**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	CUT BANK	CTB	VOR/DME	VL						17500

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**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	SE	CTB	VOR/DME	135.03	315.03	R	1		5400	14000	5	10

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (30-020156)	483406.50N/1121316.90W	4368	5D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED  
ASSIGNED MAG VAR 17 DEGREES EAST/1995.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V21					(US)
EN ROUTE	V365					(US)
EN ROUTE	V430					(US)
IAP	RNAV (GPS) RWY 15			KCII	CHOTEAU	MT (US)
IAP	RNAV (GPS) RWY 14			KCTB	CUT BANK	MT (US)
IAP	RNAV (GPS) RWY 23			KCTB	CUT BANK	MT (US)
IAP	RNAV (GPS) RWY 32			KCTB	CUT BANK	MT (US)
IAP	VOR RWY 32		1	KCTB	CUT BANK	MT (US)
IAP	RNAV (GPS) RWY 23			KSBX	SHELBY	MT (US)
IAP	RNAV (GPS) RWY 5			KSBX	SHELBY	MT (US)

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

**COMPULSORY REPORTING POINT:** LOW

**RECORD REVISION NUMBER:** 13 **DATE OF REVISION:** 05/19/2022

**REASON FOR REVISION:**

REMARKS: ADDED 1995 TO MAG VAR REMARK.  
REQUIRED CHARTING: ADDED CONTROLLER LOW.

04/06/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/15/22.

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 (CTB) CLASS FROM L TO VL.
2. FIX TYPE OF ACTION: CHANGED FROM NO CHANGE TO MODIFY.

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A423 **NAME:** BARRY SMITH

**APPROVED BY:** **DATE:** 05/19/2022 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: JIKBO

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 483447.11N/1114451.31W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 23

FAC

PAT

AIRPORT IDENT  
KSBX

CITY  
SHELBY

STATE  
MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/12/2013

REASON FOR REVISION:

FIX MOVED 178.4 FEET NORTHEAST; UPDATED COORDINATES

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/15/2013

OFFICE: AJV-354

NAME: LONNIE EVERHART (KISSY MAXFIELD)

APPROVED BY:

DATE: 12/12/2013

OFFICE: AJV-354

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY:  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WEBVO **STATE:** MT **COUNTRY:** US **ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 483346.65N/1112717.11W **TYPE:** WP, 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	CUT BANK	CTB	VOR/DME	L	072.86	089.86	35.41	35.41	6800	17500

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W		WP	258.97	078.97	R	7	11000	17500	10	17

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	483851.00N/1114427.00W	3737	4E

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V430	1				
IAP	RNAV (GPS) RWY 24			S01	CONRAD	MT (US)
IAP	RNAV (GPS) RWY 23			KCTB	CUT BANK	MT (US)
IAP	RNAV (GPS) RWY 32		1	KCTB	CUT BANK	MT (US)
IAP	RNAV (GPS) RWY 5		1	KCTB	CUT BANK	MT (US)
IAP	RNAV (GPS) RWY 23			KSBX	SHELBY	MT (US)
IAP	RNAV (GPS) RWY 5			KSBX	SHELBY	MT (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 4 **DATE OF REVISION:** 02/28/2019

**REASON FOR REVISION:**

1. FIX USE: ADDED RNAV (GPS) RWY 24 KS01.
2. REQUIRED CHARTING: ADDED CONTROLLER LOW.

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-5421 **NAME:** JAMES ROGERS

**APPROVED BY:** **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY:  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: YENUP STATE: MT COUNTRY: US ICAO REGION CODE: K1  
 LATITUDE/LONGITUDE: 483756.16N/1113436.34W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:		IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES		TEMPLATES	
PAT	DIR								MIN	MAX	MIN	MAX
1	NE		WP	050.19	230.19	R	7	7000	14000	9	11	

CONTROLLING OBSTRUCTIONS:			COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIRSPEED	OBSTRUCTION			
1	230	AAO	485051.00N/1112230.00W	6575	
1	310	AAO	485115.00N/1110836.00W	7116	

HOLDING RESTRICTIONS:  
 HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:				
PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 5	KSBX	SHELBY	MT (US)
1	RNAV (GPS) RWY 23	KSBX	SHELBY	MT (US)

REMARKS:  
 PRECIPITOUS TERRAIN EVALUATION COMPLETE.  
 OBS PATTERN 1 IN SECONDARY AREA, 827 FT REDUCTION APPLIED.

FIX USE:		USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE							
IAP		RNAV (GPS) RWY 23		1	KSBX	SHELBY	MT (US)
IAP		RNAV (GPS) RWY 5		1	KSBX	SHELBY	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 12/12/2013

REASON FOR REVISION:  
 CHANGED HOLDING PATTERN 1 DME FROM 5 TO 7.  
 CHANGED HOLDING PATTERN 1 MIN ALTITUDE/TEMPLATE FROM 5400/6 TO 7000/9.  
 IPDS DERIVED ACCURACY FOR AAOS IN PATTERN 1.  
 CHANGED CONTROLLING OBS FOR PATTERN 1 FROM AAO 3891 FT TO AAO 6575 FT.  
 ADDED OBS PATTERN 1 REMARK.  
 ADDED 310 OBS FOR PATTERN 1.  
 ADDED HIL PROCEDURES.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 07/15/2013	OFFICE: AJV-354	NAME: LONNIE EVERHART (KISSY MAXFIELD)
APPROVED BY:	DATE: 12/12/2013	OFFICE: AJV-354	NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION: NFDG  
 FPO: WST  
 ARTCC: ZLC  
 ATC FACILITY:  
 OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZIRTA

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 483324.58N/1114918.45W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY23

FAC

PAT

AIRPORT IDENT  
KSBX

CITY  
SHELBY

STATE  
MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/12/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/15/2013

OFFICE: AJV-354

NAME: LONNIE EVERHART (KISSY MAXFIELD)

APPROVED BY:

DATE: 12/12/2013

OFFICE: AJV-354

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY:  
OTHER: