

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 473956.68N/1120938.13W **TYPE:** WP, 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	CUT BANK	CTB	VOR/DME	VL	155.19	172.19	54.48	54.48	7000	17500
2	GREAT FALLS	GTF	VORTAC	VH	277.34	293.34	33.06	33.06	7000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CTB	VOR/DME	R-155	55	7000	8800

FIX RESTRICTIONS:

MCA V536 9200 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME	MIN	MAX	TEMPLATES MIN	MAX
1	S		WP	176.75	356.75	L		7	7000	10000	9	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	473921.00N/1122054.00W	4938	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 PER ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

CUT BANK (FAC 1) AND GREAT FALLS (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 CTB VOR/DME ESV IS FOR VOR SIGNAL ONLY, DME IS WITHIN STANDARD SERVICE VOLUME.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q140					(US)
EN ROUTE	V365	1, 2				(US)
EN ROUTE	V536	1, 2				(US)
IAP	RNAV (GPS) RWY 33		1	KCII	CHOTEAU	MT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: EXCHANGED FACS 1 AND 2.
 ESV: CHANGED CTB VOR/DME MAX ALTITUDE FROM 17500 TO 8800.
 REMARKS: ADDED "CTB VOR/DME ESV IS FOR VOR SIGNAL ONLY, DME IS WITHIN STANDARD SERVICE VOLUME."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: BARRY SMITH

Digitally signed by

CASEY D HILL

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A421

NAME: CASEY HILL

Aug 28, 2025

SIGNATURE:

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GAPAR

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 475346.73N/1125913.78W

TYPE: WP, 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	FEET	MRA	MAA
1	GREAT FALLS	GTF	VORTAC	VH	277.34	293.34	69.26	69.26		12000	17500
2	CUT BANK	CTB	VOR/DME	VL	196.00	213.00		47.74		12000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GTF	VORTAC	R-277	70	12000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GREAT FALLS (FAC 1) AND CUT BANK (FAC 2) USED TO ESTABLISH FIX COORDINATES.
GTF VORTAC ESV IS FOR DME ONLY, VOR SIGNAL IS WITHIN STANDARD SERVICE VOLUME.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V536	1, 2				(US)
IAP	RNAV (GPS) RWY 14			KCTB	CUT BANK	MT (US)
IAP	RNAV (GPS) RWY 5			KCTB	CUT BANK	MT (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (GTF) CLASS FROM H TO VH. CHANGED FAC 2 (CTB) CLASS FROM L TO VL.
ESV: REMOVED CTB VOR/DME ESV DATA - FIX IS WITHIN STANDARD SERVICE VOLUME.
REMARKS: REMOVED GTF ESV ID: 690839-014 AND CTB ESV ID: 711523-007. ADDED "GTF VORTAC ESV IS FOR DME ONLY, VOR SIGNAL IS WITHIN STANDARD SERVICE VOLUME."
REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: BARRY SMITH

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A421

NAME: CASEY HILL

Digitally signed by

CASEY D HILL

SIGNATURE:

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RADIO FIX AND HOLDING DATA RECORD

NAME: KALISPELL VOR/DME

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 481250.77N/1141033.21W

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	KALISPELL	FCA	VOR/DME	H							45000

FIX RESTRICTIONS:

MCA V536 9000 EASTBOUND

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SKOTT (OBSTACLE)			KGPI	KALISPELL	MT (US)
DP	TAKE-OFF MINIMUMS			KGPI	KALISPELL	MT (US)
DP	DIDLY			KMSO	MISSOULA	MT (US)
DP	MZULA			KMSO	MISSOULA	MT (US)
DP	ANGIL (RNAV) (OBSTACLE)			8S1	POLSON	MT (US)
EN ROUTE	V231					(US)
EN ROUTE	V448					(US)
EN ROUTE	V536					(US)
IAP	ILS OR LOC RWY 2			KGPI	KALISPELL	MT (US)
IAP	VOR/DME RWY 30			KGPI	KALISPELL	MT (US)
IAP	RNAV (GPS) RWY 18			8S1	POLSON	MT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 07/29/2010

REASON FOR REVISION:

UPDATED FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/08/2010

OFFICE: AVN-130

NAME: CHARLES SCHNEIDER

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A421

NAME: CASEY HILL

Digitally signed by

CASEY D HILL

SIGNATURE:

Aug 28, 2025

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY: GPI TOWER
OTHER: GTF FSS

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KIVVE

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 480726.59N/1134958.36W

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	KALISPELL	FCA	VOR/DME	VH	093.30	111.30	14.80	14.80		13000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V536	1				(US)
IAP	VOR/DME RWY 30	1		KGPI	KALISPELL	MT (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (FCA) CLASS FROM H TO VH AND ADDED DIST FROM FAC 14.80 NM.

FIX USE: REFORMATTED FIX USE. CHANGED AIRPORT IDENT VOR/DME RWY 30 IAP FROM KFCA TO KGPI. CHANGED V536 STATE FROM MT (US) TO (US).

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

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OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: BARRY SMITH

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DATE: 12/18/2025

OFFICE: AJV-A421

NAME: CASEY HILL

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CASEY D HILL

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RADIO FIX AND HOLDING DATA RECORD

NAME: PIKUN

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 474611.22N/1123148.02W

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	FAC FEET	MRA	MAA
1	GREAT FALLS	GTF	VORTAC	VH	277.34	293.34	49.27	49.27		9000	17500
2	CUT BANK	CTB	VOR/DME	VL	172.00	189.00		48.33		9000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GTF	VORTAC	R-277	50	9000	17500

FIX RESTRICTIONS:

MCA V536 10800 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GREAT FALLS (FAC 1) AND CUT BANK (FAC 2) USED TO ESTABLISH FIX COORDINATES.
GTF VORTAC ESV IS FOR DME ONLY, VOR SIGNAL IS WITHIN STANDARD SERVICE VOLUME.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V536	1, 2				

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (GTF) CLASS FROM H TO VH. CHANGED FAC 2 (CTB) CLASS FROM L TO VL.
ESV: REMOVED CTB VOR/DME ESV DATA - FIX IS WITHIN STANDARD SERVICE VOLUME.
FIX RESTRICTIONS: CHANGED MCA 10600 WESTBOUND TO 10800 WESTBOUND.
REMARKS: ADDED "GTF VORTAC ESV IS FOR DME ONLY, VOR SIGNAL IS WITHIN STANDARD SERVICE VOLUME."
REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: BARRY SMITH

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A421

NAME: CASEY HILL

Digitally signed by

CASEY D HILL

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