

SIGNATURE: *Digitally signed by*
JOHN BORDY
Jun 07, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: MANNI

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 455230.24N/1111716.21W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC		MRA	MAA
								NM	FEET		
1	BOZEMAN	I-BZN	LOC		302.76	315.76		9.06	55051	6800	8900
2	WHITEHALL	HIA	VOR/DME	VH	070.44	088.44		36.97		6800	17500
3	BOZEMAN	BZN	VOR/DME	DH	296.61	314.61	7.80	7.80	47372	6800	17500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

BOZEMAN (FAC 1) AND WHITEHALL (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 12	1, 2		KBZN	BOZEMAN	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

- 7/26/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/12/2024 1. ADDED FIX MAKEUP: ADDED BOZEMAN (BZN) AND ASSOCIATED DATA.
- 2. REMOVED DME DISTANCE OF 36.98 FROM FAC 2 (WHITEHALL) IN FIX MAKEUP

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: PHILLIP SMART

APPROVED BY:

DATE: 12/27/2023

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

Digitally signed by

JOHN BORDY

Jul 29, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: WIVKO

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 455356.04N/1111916.27W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	BOZEMAN	I-BZN	LOC		302.76	315.76		11.06		7200	8900
2	WHITEHALL	HIA	VOR/DME	H	068.11	086.11	35.63	35.63		8000	17500
3	BOZEMAN	BZN	VOR/DME	DH			9.80	9.80		7200	17500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

BOZEMAN (FAC 1) AND WHITEHALL (FAC 2) USED TO ESTABLISH FIX COORDINATES

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/11/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: PHILLIP SMART

APPROVED BY:

DATE: 12/27/2023

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

Digitally signed by

JOHN BORDY

Jun 07, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: ZOPKA STATE: MT COUNTRY: US ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 455910.98N/1112154.93W 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	BOZEMAN	BZN	VOR/DME	DH	306.19	324.19	15.00	15.00		8200	10000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 12	1		KBZN	BOZEMAN	MT (US)
IAP	VOR RWY 12	1		KBZN	BOZEMAN	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

MOVED FIX ZOPKA 294 FT NORTH
UPDATED FIX MAKE UP TRUE/MAG BEARINGS FROM 306.00/324.00 TO 306.19/324.19
DELETED AIRSPACE DOCKET: 11-AM-16
FIX MAKE-UP FACILITIES BOZEMAN CLASS CHANGED FROM H TO VH
UPDATED FIX USE FOR VOR/DME RWY 12 TO READ VOR RWY 12

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: PHILLIP SMART
APPROVED BY: DATE: 12/27/2023 OFFICE: AJV-A33 NAME: JOHN BORDY

SIGNATURE: *Digitally signed by*
JOHN BORDY
Jun 07, 2024

