

# RADIO FIX AND HOLDING DATA RECORD

NAME: BAXTA

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 461937.25N/1095312.54W

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	FAC FEET	MRA	MAA
1	BILLINGS	BIL	VORTAC	H	287.00	301.00	61.22	61.22		7000	17500
2	LEWISTOWN	LWT	VOR/DME	VH	180.00	195.00		45.09		10000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LWT	VOR/DME	R-180	46	10000	17500
BIL	VORTAC	R-287	62	7000	17500

## REMARKS:

BILLINGS (FAC 1) AND LEWISTOWN (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
V247 MEA IS 10500, BUT CURRENT 7000 MRA IS RETAINED IN -2 FAC DATA PER FLIGHT CHECK REQUEST.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V247	1, 2				(US)
IAP	RNAV (GPS) RWY 27			KHWQ	HARLOWTON	MT (US)
IAP	RNAV (GPS) RWY 9			KHWQ	HARLOWTON	MT (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 05/19/2022

## REASON FOR REVISION:

AIRSPACE DOCKET: REMOVED 19-ANM-7.  
FIX MAKE-UP FACILITIES: CHANGED FAC 1 (BIL) DME/DIST FROM FAC FROM 61.23 TO 61.22. CHANGED FAC 2 (LWT) CLASS FROM H TO VH AND MRA FROM 10500 TO 10000.  
ESV: CHANGED LWT VOR/DME MAX ALTITUDE FROM 18000 TO 17500.  
REMARKS: ADDED FIX COORDINATES REMARK. ADDED V247 MEA IS 10500, BUT CURRENT 7000 MRA IS RETAINED IN -2 FAC DATA PER FLIGHT CHECK REQUEST.  
FIX USE: ADDED FAC 2 TO V247 - CROSSING RADIAL USED.

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:

*Digitally signed by*

**ALLAN WILL**

Feb 15, 2022



# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 463642.26N/1112716.66W **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	HELENA	HLN	VORTAC	H	073.00	089.00	20.64	20.64		9400	17500
2	GREAT FALLS	GTF	VORTAC	H	166.00	182.00		50.35		9400	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GTF	VORTAC	R-166	51	9400	17500

**REMARKS:**

HELENA (FAC 1) AND GREAT FALLS (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
DO NOT CHART FAC 2 (GTF) ON EN ROUTE/CONTROLLER CHARTS.  
WAUTS IS DME ONLY FIX ON V247.  
V247 MEA IS 9600, BUT CURRENT 9400 MRA IS RETAINED IN -2 FAC DATA PER FLIGHT CHECK REQUEST.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	STAKK	1, 2		KHLN	HELENA	MT (US)
EN ROUTE	V247	1				(US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8 **DATE OF REVISION:** 05/19/2022

**REASON FOR REVISION:**

FIX RESTRICTIONS: REMOVED MCA V247 10700 EASTBOUND.  
REMARKS: ADDED WAUTS IS DME ONLY FIX ON V247. ADDED FIX COORDINATES REMARK. ADDED DO NOT CHART FAC 2 (GTF) ON EN ROUTE/CONTROLLER CHARTS - USING FIX AS INT REQUIRES INCREASED MEA DUE TO LARGER FIX DISPLACEMENT. ADDED V247 MEA IS 9600, BUT CURRENT 9400 MRA IS RETAINED IN -2 FAC DATA PER FLIGHT CHECK REQUEST.  
REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A423	<b>NAME:</b> BARRY SMITH
<b>APPROVED BY:</b>	<b>DATE:</b> 05/19/2022	<b>OFFICE:</b> AJV-A420	<b>NAME:</b> MARLON ROBINSON
<b>SIGNATURE:</b>	Digitally signed by <b>ALLAN WILL</b> Feb 15, 2022		



# RADIO FIX AND HOLDING DATA RECORD

NAME: YOSWO

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 463654.37N/1103650.58W

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	BILLINGS	BIL	VORTAC	H	287.00	301.00	95.99	95.99		13000	17500
2	HELENA	HLN	VORTAC	H	073.00	089.00	55.41	55.41		13000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HLN	VORTAC	R-073	56	13000	17500
BIL	VORTAC	R-287	96	13000	17500

## REMARKS:

BILLINGS (FAC 1) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V247	1, 2				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/19/2022

## REASON FOR REVISION:

TYPE: ADDED DME.

FIX MAKE-UP FACILITIES: ADDED FAC 1 (BIL) AND FAC 2 (HLN) AND ALL ASSOCIATED DATA.

REMARKS: REMOVED CNF REMARK. ADDED FIX COORDINATES REMARK.

ESV: ADDED BIL VORTAC AND HLN VORTAC ESV DATA.

FIX USE: ADDED FACS 1 AND 2 TO V247.

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

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:

*Digitally signed by*

**ALLAN WILL**

Feb 15, 2022

