



# RADIO FIX AND HOLDING DATA RECORD

NAME: SHELA

STATE: MT

COUNTRY: US

LATITUDE/LONGITUDE: 460723.92N/1084345.06W

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	BILLINGS	BIL	VORTAC	H	333.00	347.00	19.39	19.39		6100	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V611	1				MT (US)
IAP	RNAV (GPS) RWY 10L			KBIL	BILLINGS	MT (US)
IAP	RNAV (GPS) RWY 22			K6S8	LAUREL	MT (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 03/07/2013

## REASON FOR REVISION:

UPDATED FIX USE.  
ADDED WP TO FIX TYPE.  
REMOVED INT FROM FIX TYPE.  
REMOVED LVM FROM FIX MAKE-UP FACILITIES.  
DELETED LVM ESV.  
DELETED V611 MRA 9700 N.  
FIX 5.67 FEET WEST OF AIRWAY CENTERLINE, FIX NOT MOVED PER AJV-311 POLICY DATED 2/28/2012.

DEVELOPED BY:            DATE: 02/17/2012            OFFICE: AJV-311            NAME: TOBY HUFF (ARMAND SILVA)

APPROVED BY:            DATE: 03/05/2012            OFFICE: AJV-311            NAME: RAY NUSSEAR

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY: BIL APP CON  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: TASSE

STATE: MT

COUNTRY: US

LATITUDE/LONGITUDE: 460357.65N/1085812.87W

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	BILLINGS	BIL	VORTAC	H	303.00	317.00	21.17	21.17		6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V187	1				(US)

REQUIRED CHARTING: CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 03/07/2013

**REASON FOR REVISION:**

NEW LAT/LONGS FIX MOVED 14.52 FEET TO AIRWAY CENTERLINE.  
REMOVED WP AND INT FROM FIX USE.  
CHANGED FAC 1 DME DIST 21.18 TO 21.17 NM.  
ADDED FAC 1 DIST FROM FAC.  
CHANGED FAC 1 MRA 5000 TO 6000.  
REMOVED LIVINGSTON (LVM) VDME FROM FIX MAKE-UP FACILITIES.  
REMOVED DEQMI FROM FIX MAKE-UP FACILITIES.  
REMOVED KBIL GPS RWY 10L FROM FIX USE.  
REMOVED IAP FROM REQUIRED CHARTING.

DEVELOPED BY:            DATE: 09/21/2011            OFFICE: AJV-311            NAME: TOBY HUFF (ARMAND SILVA)

APPROVED BY:            DATE:            OFFICE: AJV-311            NAME: RAY NUSSEAR

SIGNATURE:

DISTRIBUTION:    NFDC  
                  FPO: SEA  
                  ARTCC: ZLC  
                  ATC FACILITY:  
                  OTHER: