

RADIO FIX AND HOLDING DATA RECORD

NAME: CONNS STATE: MT COUNTRY: US ICAO REGION CODE: K1
 LATITUDE/LONGITUDE: 461606.81N/1110455.70W 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	LIVINGSTON	LVM	VOR/DME	L	307.00	322.00	43.25	43.25		10000	17500
2	BOZEMAN	BZN	VOR/DME	H	347.99	005.99	29.25	29.25		10000	17500
3	HELENA	HLN	VORTAC	H	107.00	119.00	41.47	41.47		10800	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HLN	VORTAC	R-107	42	10800	17500
LVM	VOR/DME	R-307	44	10000	18000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BOZEMAN (FAC 2) AND HELENA (FAC 3) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	STAKK	1, 3		KHLN	HELENA	MT (US)
EN ROUTE	T268					(US)
EN ROUTE	V2	1, 2, 3				(US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 12/29/2022

REASON FOR REVISION:

- 11/17/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/05/22.
 1. FIX MAKE-UP FACILITY UPDATE: CHANGED FAC 3 MAG BRG FROM 103.00 TO 107.00.
 2. EXPANDED SERVICE VOLUME (ESV): HLN VORTAC RADIAL/BEARING CHANGED FROM R-103 TO R-107.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: KWEKU DONKOR

APPROVED BY: DATE: OFFICE: AJV-A430 NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by

BEV L BORDY

Dec 21, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: STAKK

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 463300.23N/1113601.84W

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	FAC FEET	MRA	MAA
1	HELENA	HLN	VORTAC	H	091.00	103.00	15.00			7000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	STAKK	1		KHLN	HELENA	MT (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/29/2022

REASON FOR REVISION:

11/17/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/05/22.
FIX MAKE-UP FACILITY UPDATE: CHANGED FAC 1 MAG BRG FROM 087.00 TO 091.00.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: KWEKU DONKOR

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by

BEV L BORDY

Dec 21, 2022

QUALITY
45
CHECKED

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	FEET	MRA	MAA
1	HELENA	HLN	VORTAC	H	077.00	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

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

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: 9 DATE OF REVISION: 12/29/2022

REASON FOR REVISION:

11/17/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/05/22.
 FIX MAKE-UP FACILITY UPDATE: CHANGED FAC 1 MAG BRG FROM 073.00 TO 077.00.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: KWEKU DONKOR

APPROVED BY: DATE: 12/29/2022 OFFICE: AJV-A430 NAME: JOHNNIE BAKER

SIGNATURE: Digitally signed by
BEV L BORDY
 Dec 21, 2022

QUALITY
 45
 CHECKED