RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 463649.09N/1110920.70W **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 FAC NM	DIST FROM FAC FEET	MRA	MAA
1	HELENA	HLN	VORTAC	VH	077.00	089.00	33.00	33.00		13000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q156					(US)
EN ROUTE	V247	1				(US)
IAP	RNAV (RNP) Y RWY 27			KHLN	HELENA	MT (US)
IAP	RNAV (RNP) Z RWY 27			KHLN	HELENA	MT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 05/14/2026

REASON FOR REVISION:
FIX MAKE-UP FACILITIES: CHANGED FAC 1 (HLN) MAA FROM 45000 TO 17500 - FACILITY IS USED ONLY IN THE LOW AIRWAY STRUCTURE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** BARRY SMITH

APPROVED BY: **DATE:** 04/09/2026 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
Dec 10, 2025

QUALITY 11 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JELRO **STATE:** SD **COUNTRY:** US **ICAO REGION CODE:** K3

LATITUDE/LONGITUDE: 454843.83N/1025146.96W **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 FAC NM	DIST FROM FAC FEET	MRA	MAA
1	DICKINSON	DIK	VORTAC	VH	169.42	183.42	63.00	63.00		9000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N		WP	355.42	175.42	R		7	9000	45000	10	30
2	N		WP	356.40	176.40	R		5	5500	17100	6	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	455112.00N/1030221.00W	3386	4E
1	310	AAO	455109.00N/1030427.00W	3452	4E
2	200	AAO	454957.00N/1030006.00W	3288	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN(S).

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 12	HEI	HETTINGER	ND (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q156		1			(US)
EN ROUTE	T286		2			(US)
EN ROUTE	V491	1				(US)
IAP	RNAV (GPS) RWY 12		1	HEI	HETTINGER	ND (US)
IAP	RNAV (GPS) RWY 30			KHEI	HETTINGER	ND (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 05/14/2026

REASON FOR REVISION:
AIRSPACE DOCKET: REMOVED 22-ACE-1.
FIX MAKE-UP FACILITIES: CHANGED FAC 1 (DIK) MAA FROM 45000 TO 17500 - FACILITY IS USED ONLY IN THE LOW AIRWAY STRUCTURE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** BARRY SMITH

APPROVED BY: **DATE:** 04/09/2026 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Dec 10, 2025

QUALITY 11 CHECKED