

RADIO FIX AND HOLDING DATA RECORD

NAME: HELENA VORTAC **STATE:** MT **COUNTRY:** US **ICAO REGION CODE:** K1

LATITUDE/LONGITUDE: 463624.56N/1115712.51W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

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						45000

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	E	HLN	VORTAC	086.00	266.00	R	1	8500 17500	9 16
2	E	HLN	VORTAC	071.00	251.00	R	1	8000 10000	4 4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	462736.00N/1114721.00W	8104	4E
2	100	AAO	463345.00N/1120042.00W	5483	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	340
2	100	210

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	COPTER VOR 254	KHLN	HELENA	MT (US)

REMARKS:

PAT 1 CONTROLLING OBSTACLE LOCATED 12141.96 FEET INTO SECONDARY, PRIMARY EQUIVELANT ELEVATION IS 7103.97 FEET.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED MAG/VAR: E16/1990

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BILLINGS			KBIL	BILLINGS	MT (US)
DP	HELENA			KHLN	HELENA	MT (US)
DP	HELENA			KHLN	HELENA	MT (US)
DP	SIEBE			KHLN	HELENA	MT (US)
DP	STAKK			KHLN	HELENA	MT (US)
DP	TAKE-OFF MINIMUMS			KHLN	HELENA	MT (US)
DP	BILLINGS			6S8	LAUREL	MT (US)
EN ROUTE	J136					(US)
EN ROUTE	J34					(US)
EN ROUTE	J90					(US)
EN ROUTE	T268					(US)
EN ROUTE	V113					(US)
EN ROUTE	V2					(US)
EN ROUTE	V21					(US)
EN ROUTE	V247					(US)
EN ROUTE	V365					(US)
IAP	COPTER VOR 254		2	KHLN	HELENA	MT (US)
IAP	ILS OR LOC Y RWY 27			KHLN	HELENA	MT (US)
IAP	ILS OR LOC Z RWY 27			KHLN	HELENA	MT (US)
IAP	LOC/DME BC-C		1	KHLN	HELENA	MT (US)
IAP	RNAV (GPS) Y RWY 09			KHLN	HELENA	MT (US)
IAP	RNAV (RNP) Y RWY 27			KHLN	HELENA	MT (US)
IAP	RNAV (RNP) Z RWY 09			KHLN	HELENA	MT (US)
IAP	RNAV (RNP) Z RWY 27			KHLN	HELENA	MT (US)
IAP	VOR-A		1	KHLN	HELENA	MT (US)
IAP	VOR-B		1	KHLN	HELENA	MT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 04/22/2021

REASON FOR REVISION:

FIX USE KHLN - VOR/DME-B NAME CHANGED TO VOR-B.
REMOVED AIRSPACE DOCKET.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: TIA FERONTI
APPROVED BY:	DATE: 04/01/2021	OFFICE: AJV-A430	NAME: LONNIE EVERHART
	SIGNATURE:		
DISTRIBUTION:	NFDC FPO: WST ARTCC: ZLC ATC FACILITY: HLN APP CON, ZLC APP CON OTHER:		