

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WHOOP **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 441835.13N/0834911.46W **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	SAGINAW	MBS	VOR/DME	L	016.36	013.36	48.00	48.00		3500	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MBS	VOR/DME	R-016	48	3500	17500

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

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V45	1				(US)
IAP	RNAV (GPS) RWY 01			KAPN	ALPENA	MI (US)
IAP	RNAV (GPS) RWY 04			KBAX	BAD AXE	MI (US)
IAP	RNAV (GPS) RWY 17			KBAX	BAD AXE	MI (US)
IAP	RNAV (GPS) RWY 22			KBAX	BAD AXE	MI (US)
IAP	RNAV (GPS) RWY 27			KY31	WEST BRANCH	MI (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 3 **DATE OF REVISION:** 06/20/2019

**REASON FOR REVISION:**

DELETED ASP FACILITY.  
UPDATED FIX USE FOR AIRWAY.  
ADDED CONTROLLER LOW FOR CHARTING

2/12/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 2/8/19.  
REMOVED INT FROM TYPE.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** **NAME:**

**APPROVED BY:** **DATE:** **OFFICE:** AJV-A411 **NAME:** LONNIE EVERHART

**SIGNATURE:** *Digitally signed by*

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY:  
OTHER:

**BEV L BORDY**  
Feb 08, 2019

QUALITY  
43  
CHECKED