

RADIO FIX AND HOLDING DATA RECORD

NAME: MOUNT PLEASANT VOR/DME STATE: MI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 433722.17N/0844414.16W TYPE:

AIRSPACE DOCKET: 23-AGL-41 FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	MOUNT PLEASANT	MOP	VOR/DME	L						

HOLDING: HOLDING TYPE OF ACTION: CANCEL

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	S		WP	184.00	004.00	R	4	2800 14000	5 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (26-130460)	434209.85N/0844320.66W	1362	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 5W (1995).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V320					(US)
IAP	RNAV (GPS) RWY 18			KAMN	ALMA	MI (US)
IAP	RNAV (GPS) RWY 9			KAMN	ALMA	MI (US)
IAP	VOR RWY 18			KAMN	ALMA	MI (US)
IAP	RNAV (GPS) RWY 27			KROB	BIG RAPIDS	MI (US)
IAP	RNAV (GPS) RWY 25			KCAD	CADILLAC	MI (US)
IAP	RNAV (GPS) RWY 4		1	48D	CLARE	MI (US)
IAP	RNAV (GPS) RWY 27			KGDW	GLADWIN	MI (US)
IAP	RNAV (GPS) RWY 24			KIKW	MIDLAND	MI (US)
IAP	RNAV (GPS) RWY 6			KIKW	MIDLAND	MI (US)
IAP	VOR-A			KIKW	MIDLAND	MI (US)
IAP	ILS OR LOC RWY 23			KMBS	SAGINAW	MI (US)
IAP	ILS OR LOC RWY 5			KMBS	SAGINAW	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

1. DOCKET: ADDED "23-AGL-41"
2. FIX USE: REMOVED EN ROUTE "V233"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: NAME:

APPROVED BY: DATE: 04/17/2025 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: OREYO

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 433030.80N/0844119.85W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N		WP	005.25	185.25	R		4	2800	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-000371)	433433.58N/0844628.67W	1352	1D

HOLDING RESTRICTIONS:

HOLDING RESTRICTED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18		1	KAMN	ALMA	MI (US)
STAR	RRALF (RNAV)			CYQG	ONTARIO, CANADA	(CA)
STAR	RRALF (RNAV)			KARB	ANN ARBOR	MI (US)
STAR	RRALF (RNAV)			KDET	DETROIT	MI (US)
STAR	RRALF (RNAV)			KYIP	DETROIT	MI (US)
STAR	RRALF (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
STAR	RRALF (RNAV)			KOZW	HOWELL	MI (US)
STAR	RRALF (RNAV)			KTTF	MONROE	MI (US)
STAR	RRALF (RNAV)			KMTC	MOUNT CLEMENS	MI (US)
STAR	RRALF (RNAV)			KPTK	PONTIAC	MI (US)
STAR	RRALF (RNAV)			KVLL	TROY	MI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

ADDED ENROUTE HIGH AND CONTROLLER HIGH TO CHART PUB

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/17/2019

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: MBS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SAGINAW VOR/DME

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 433153.93N/0840438.29W

TYPE:

AIRSPACE DOCKET: 23-AGL-12

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	SAGINAW	MBS	VOR/DME	L						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 DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NW	MBS	VOR/DME	305.00	125.00	R	1	3000 10000	4 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001850)	433356.18N/0841714.31W	1055	1A
1	310	TOWER (26-002117)	432442.00N/0841319.00W	1140	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MBS VOR/DME MAG VAR 3W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V133					(US)
EN ROUTE	V274					(US)
EN ROUTE	V45					(US)
EN ROUTE	V609					(US)
EN ROUTE	V78					(US)
IAP	RNAV (GPS) RWY 18			KAMN	ALMA	MI (US)
IAP	RNAV (GPS) RWY 27			KAMN	ALMA	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 35			KBAX	BAD AXE	MI (US)
IAP	RNAV (GPS) RWY 4			KBAX	BAD AXE	MI (US)
IAP	RNAV (GPS) RWY 24			KCFS	CARO	MI (US)
IAP	VOR-A			KCFS	CARO	MI (US)
IAP	RNAV (GPS) RWY 27			KGDW	GLADWIN	MI (US)
IAP	ILS OR LOC RWY 10R			KLAN	LANSING	MI (US)
IAP	RNAV (GPS) RWY 24			KIKW	MIDLAND	MI (US)
IAP	RNAV (GPS) RWY 6			KIKW	MIDLAND	MI (US)
IAP	VOR-A			KIKW	MIDLAND	MI (US)
IAP	VOR/DME RWY 29			KRNP	OWOSSO	MI (US)
IAP	ILS OR LOC RWY 28		1	KHYX	SAGINAW	MI (US)
IAP	RNAV (GPS) RWY 10			KHYX	SAGINAW	MI (US)
IAP	RNAV (GPS) RWY 28			KHYX	SAGINAW	MI (US)
IAP	VOR/DME-A		1	KHYX	SAGINAW	MI (US)
IAP	ILS OR LOC RWY 23			KMBS	SAGINAW	MI (US)
IAP	ILS OR LOC RWY 5			KMBS	SAGINAW	MI (US)
IAP	VOR RWY 14			KMBS	SAGINAW	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 27

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 23-AGL-12.
2. DELETED EN ROUTE V320 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 04/17/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE: