

# 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			KRQB	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: 12/26/2024

## 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:		AJV-A423	NAME: HENRY BRADSHAW
APPROVED BY:	DATE: 04/17/2025	OFFICE: AJV-A423	NAME: ALLAN WILL
SIGNATURE:			

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** TRAVERSE CITY VOR/DME      **STATE:** MI      **COUNTRY:** US      **ICAO REGION CODE:** K5  
**LATITUDE/LONGITUDE:** 444004.50N/0853300.04W      **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	TRAVERSE CITY	TVC	VOR/DME	VH							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	S	TVC	VOR/DME	160.00	340.00	R	1		3000	6000	4	12

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001838)	443246.00N/0852506.00W	1502	5D
1	310	TOWER (26-001762)	442312.20N/0852232.60W	1704	5D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAGVAR: W02/1965.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J548					(US)
EN ROUTE	V133					(US)
EN ROUTE	V193					(US)
EN ROUTE	V420					(US)
IAP	HI-ILS OR LOC RWY 1			KAPN	ALPENA	MI (US)
IAP	HI-TACAN RWY 19			KAPN	ALPENA	MI (US)
IAP	HI-VOR OR TACAN RWY 1			KAPN	ALPENA	MI (US)
IAP	RNAV (GPS) RWY 25			KCAD	CADILLAC	MI (US)
IAP	RNAV (GPS) RWY 7			KCAD	CADILLAC	MI (US)
IAP	RNAV (GPS) RWY 9			KCVX	CHARLEVOIX	MI (US)
IAP	ILS OR LOC RWY 28		1	KTVC	TRAVERSE CITY	MI (US)
IAP	ILS OR LOC RWY 10		1	KTVC	TRAVERSE CITY	MI (US)
IAP	RNAV (GPS) RWY 28			KTVC	TRAVERSE CITY	MI (US)
IAP	VOR-A		1	KTVC	TRAVERSE CITY	MI (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

**REQUIRED CHARTING:** STAR, MILITARY IAP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 20

**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:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: WIKAP

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 441136.88N/0854054.01W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	250.18	070.18	R	4	3600	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-000204)	441633.00N/0854249.00W	2549	5E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 25		1	KCAD	CADILLAC	MI (US)
IAP	RNAV (GPS) RWY 7		1	KCAD	CADILLAC	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/02/2021

## REASON FOR REVISION:

REMOVED KCAD R07 FROM FIX MAKE-UP FACILITIES.  
UPDATED RNAV (GPS) RWY 7 AND RNAV (GPS) RWY 25 IN FIX USE.  
ADDED PRECIPITOUS TERRAIN EVALUATION TO COMMENT IN REMARKS.  
MOVED "HOLDING LIMITED TO ESTABLISHED PATTERN." FROM REMARKS TO HOLDING RESTRICTIONS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: ANDRE TUCKER

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: