

# RADIO FIX AND HOLDING DATA RECORD

NAME: ICADA

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 435219.37N/0845541.20W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MOUNT PLEASANT	MOP	VOR/DME	L	336.03	331.03	17.10	17.10		5000	17500

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V320	1				(US)
IAP	RNAV (GPS) RWY 9			KGDW	GLADWIN	MI (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/15/2011

DEVELOPED BY: DATE: 05/12/2011

OFFICE: AJV-353

NAME: ROY BARNETT

APPROVED BY: DATE: 09/27/2011

OFFICE: AJV-353

NAME: GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY: MBS APP/DEP  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: JOMID

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 435741.66N/0844850.64W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MOUNT PLEASANT	MOP	VOR/DME	L	355.70	350.70	20.59	20.59		5000	17500

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

## 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	W		WP	271.45	091.45	R	5	5000 6000	6 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-002156)	435327.00N/0845800.00W	1682	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V233	1				(US)
IAP	RNAV (GPS) RWY 9		1	KGDW	GLADWIN	MI (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/15/2011

DEVELOPED BY: DATE: 05/12/2011

OFFICE: AJV-353

NAME: ROY BARNETT

APPROVED BY: DATE: 09/27/2011

OFFICE: AJV-353

NAME: GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY: MBS APP/DEP  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 435851.13N/0840913.26W **TYPE:** WP, DME

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**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	356.00	353.00	27.15	27.15		3000	17500

**HOLDING:** **HOLDING TYPE OF ACTION:** ESTABLISH

**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		WP	091.91	271.91	R	4	3000 6000	5 6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001584)	435551.00N/0840835.00W	1083	5D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V78-609	1				(US)
IAP	RNAV (GPS) RWY 27		1	KGDW	GLADWIN	MI (US)
IAP	RNAV (GPS) RWY 9		1	KGDW	GLADWIN	MI (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 12/15/2011

**DEVELOPED BY:** **DATE:** 05/12/2011 **OFFICE:** AJV-353 **NAME:** ROY BARNETT

**APPROVED BY:** **DATE:** 09/27/2011 **OFFICE:** AJV-353 **NAME:** GREGORY YAMAMOTO

**SIGNATURE:**

**DISTRIBUTION:**

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY: MBS APP/DEP  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** YOKLU

**STATE:** MI

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 435803.57N/0843710.66W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**FIX USE:**  
**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 9

**FAC**

**PAT**

**AIRPORT IDENT**  
KGDW

**CITY**  
GLADWIN

**STATE**  
MI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 12/15/2011

**DEVELOPED BY:**

**DATE:** 05/12/2011

**OFFICE:** AJV-353

**NAME:** ROY BARNETT

**APPROVED BY:**

**DATE:** 09/27/2011

**OFFICE:** AJV-353

**NAME:** GREGORY YAMAMOTO

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** CEN  
**ARTCC:** ZOB  
**ATC FACILITY:** MBS APP/DEP  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZOLOX

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 441237.65N/0851124.83W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	TRAVERSE CITY	TVC	VORTAC	H	152.47	150.47	31.50	31.50		5000	45000

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V320	1				(US)
IAP	RNAV (GPS) RWY 9			KGDW	GLADWIN	MI (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

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OTHER: