

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 445211.17N/0851502.92W **TYPE:** WP

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

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

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
<b>USE TYPE</b>						
IAP	RNAV (GPS) RWY 2			KACB	BELLAIRE	MI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 12/26/2024

**REASON FOR REVISION:**  
1. FIX MAKE-UP FACILITIES: REMOVED "KACB R02" - WAYPOINT ONLY.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A421	<b>NAME:</b> WALKER MILLIGAN
<b>APPROVED BY:</b>	<b>DATE:</b> 12/26/2024	<b>OFFICE:</b> AJV-A421	<b>NAME:</b> DAVID DANNER
	<b>SIGNATURE:</b>		



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HATTR

**STATE:** MI

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 445401.70N/0851414.11W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 2

**FAC**

**PAT**

**AIRPORT IDENT**  
KACB

**CITY**  
BELLAIRE

**STATE**  
MI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 12/26/2024

**REASON FOR REVISION:**

1. LATITUDE/LONGITUDE: MOVED FIX 418 FEET SW, FROM "445405.66N/0851412.45W" TO "445401.70N/0851414.11W".
2. FIX MAKE-UP FACILITIES: REMOVED "KACB R02" - WAYPOINT ONLY.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A421

**NAME:** WALKER MILLIGAN

**APPROVED BY:**

**DATE:** 12/26/2024

**OFFICE:** AJV-A421

**NAME:** DAVID DANNER

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

NAME: KEENO STATE: MI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 444816.42N/0851646.21W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: MODIFY

**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	202.37	022.37	R	4	2700	6000	5	6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001188)	444728.47N/0851420.85W	1546	4D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 2		1	KACB	BELLAIRE	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 12/26/2024

**REASON FOR REVISION:**

1. FIX MAKE-UP FACILITIES: REMOVED "KACB R02" - WAYPOINT ONLY.
2. UPDATED CONTROLLING OBSTACLE FROM "TOWER (23-1188), 1539" TO "TOWER 26-001188, 1546".
3. HOLDING RESTRICTIONS: ADDED "HOLDING LIMITED TO ESTABLISHED PATTERN." MOVED FROM REMARKS.
4. REMARKS: ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETE."

10/16/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/30/24.

1. HOLDING TYPE OF ACTION CHANGED FROM "NO CHANGE" TO "MODIFY" - PAT 1 DME AND MINIMUM ALT UPDATE NOT CAPTURED IN ACTION TYPE.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 NAME: WALKER MILLIGAN

APPROVED BY: DATE: 12/26/2024 OFFICE: AJV-A421 NAME: DAVID DANNER

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** MADZA

**STATE:** MI

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 445650.67N/0851259.55W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 2

**FAC**

**PAT**

**AIRPORT IDENT**  
KACB

**CITY**  
BELLAIRE

**STATE**  
MI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 12/26/2024

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A421

**NAME:** WALKER MILLIGAN

**APPROVED BY:**

**DATE:** 12/26/2024

**OFFICE:** AJV-A421

**NAME:** DAVID DANNER

**SIGNATURE:**

QUALITY  
39  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 450118.43N/0851101.22W **TYPE:** WP

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

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

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
<b>USE TYPE</b>						
IAP	RNAV (GPS) RWY 2			KACB	BELLAIRE	MI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 12/26/2024

**REASON FOR REVISION:**  
1. FIX MAKE-UP FACILITIES: REMOVED "KACB R02" - WAYPOINT ONLY.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A421	<b>NAME:</b> WALKER MILLIGAN
<b>APPROVED BY:</b>	<b>DATE:</b> 12/26/2024	<b>OFFICE:</b> AJV-A421	<b>NAME:</b> DAVID DANNER
	<b>SIGNATURE:</b>		



# RADIO FIX AND HOLDING DATA RECORD

NAME: SKIPR

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 444954.17N/0852406.38W

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 FAC NM	FAC FEET	MRA	MAA
1	TRAVERSE CITY	TVC	VOR/DME	VH	034.77	032.77	11.70	11.70		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V193	1				(US)
EN ROUTE	V320	1				(US)
IAP	RNAV (GPS) RWY 2			KACB	BELLAIRE	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/26/2024

## REASON FOR REVISION:

1. FIX MAKE-UP: UPDATED TRAVERSE CITY VOR/DME CLASS FROM "H" TO "VH".
2. REMARKS: REMOVED "TRAVERSE CITY (FAC 1) USED TO ESTABLISH FIX COORDINATES.".
3. REQUIRED CHARTING: REPLACED "CONTROLLER" WITH "CONTROLLER LOW".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: WALKER MILLIGAN

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** TUGGS

**STATE:** MI

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 444646.67N/0851004.23W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 2

**FAC**

**PAT**

**AIRPORT IDENT**  
KACB

**CITY**  
BELLAIRE

**STATE**  
MI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 12/26/2024

**REASON FOR REVISION:**

1. REMOVED "KEENO" FROM FIX MAKE-UP FACILITIES.
2. ADDED FIX USE "RNAV (GPS) RWY 2" TO FIX USE TITLE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

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**APPROVED BY:**

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