

# RADIO FIX AND HOLDING DATA RECORD

NAME: IGMII

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 391522.72N/0824238.72W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E		WP	068.24	248.24	L	4	3000	6000	5	6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-073900)	391719.98N/0823227.01W	1337	2C

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 AVOID MOA

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

**REMARKS:**

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER BUCKEYE MOA.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 25		1	KEOP	WAVERLY	OH (US)
IAP	RNAV (GPS) RWY 7		1	KEOP	WAVERLY	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/07/2021

**REASON FOR REVISION:**

1. UPDATED HOLDING PAT 1 OBSTACLE FROM 1320 TWR (39-003787) TO 1337 TWR (39-073900).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 02/11/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** SHIRT **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 393758.72N/0833416.14W **TYPE:** WP, INT, DME

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	APPLETON	APE	VORTAC	H	241.93	235.93	55.00	55.00	3000	17500
2	ROSEWOOD	ROD	VORTAC	H	155.83	150.83		44.89	3000	17500
3	CINCINNATI	CVG	VORTAC	L	058.59	054.59		64.40	3000	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
APE	VORTAC	R-242	55	3000	17500
ROD	VORTAC	R-156	45	3000	17500
CVG	VORTAC	R-059	65	2800	17500

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

**CONTROLLING OBSTRUCTIONS:**

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (39-003557)	393945.69N/0834424.77W	1366	1A

**HOLDING RESTRICTIONS:**

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

**REMARKS:**

APPLETON (FAC 1) AND ROSEWOOD (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V5	1, 2				(US)
IAP	RNAV (GPS) RWY 4			KTZR	COLUMBUS	OH (US)
IAP	RNAV (GPS) RWY 25			I19	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 19			I68	LEBANON	OH (US)
IAP	RNAV (GPS) RWY 7			KEOP	WAVERLY	OH (US)
STAR	RDSTN	1, 3		KJVV	JEFFERSONVILLE	IN (US)
STAR	RDSTN	1, 3		KLOU	LOUISVILLE	KY (US)
STAR	DLAMP (RNAV)			KSDF	LOUISVILLE	KY (US)
STAR	REDSTONE	1, 3		KSDF	LOUISVILLE	KY (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 19 **DATE OF REVISION:** 08/15/2019

**REASON FOR REVISION:**

1. ADDED "STAR" TO REQUIRED CHARTING.
2. UPDATED "CONTROLLER" TO "CONTROLLER LOW" IN REQUIRED CHARTING.
3. ADDED RDSTN STAR TO KLOU, KJVV.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A442 **NAME:** JOSEPH ZEDER

**APPROVED BY:** **DATE:** 04/24/2019 **OFFICE:** AJV-A44 **NAME:** MARLON ROBINSON

**SIGNATURE:**

**DISTRIBUTION:**  
 NFDC  
 FPO: CEN  
 ARTCC: ZID  
 ATC FACILITY: DAY APP CON  
 OTHER: CMH APP CON

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** TUKIW

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 390438.56N/0830841.90W

**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 7

**FAC**

**PAT**

**AIRPORT IDENT**  
KEOP

**CITY**  
WAVERLY

**STATE**  
OH (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 02/05/2015

**REASON FOR REVISION:**

LAT/LONG 390438.47N/0830842.25W CHANGED TO 390438.56N/0830841.90W. FIX MOVED 29 FT NE.  
FAC 1 DELETED.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 08/13/2014

**OFFICE:** AJV-353

**NAME:** DEANNA FIELDS

**APPROVED BY:**

**DATE:** 02/05/2015

**OFFICE:** AJV-353

**NAME:** GEORGE GONZALEZ

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** CEN  
**ARTCC:** ZID  
**ATC FACILITY:**  
**OTHER:**