

RADIO FIX AND HOLDING DATA RECORD

NAME: IVUNY

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411633.15N/0850932.32W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 5

FAC

PAT

AIRPORT IDENT
KSMD

CITY
FORT WAYNE

STATE
IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/13/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/20/2010

OFFICE: AVN-120

NAME: PABLO ORTIZ

APPROVED BY:

DATE: 11/08/2010

OFFICE: AVN-120

NAME: GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: FWA APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WERBU STATE: IN COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411111.77N/0853016.14W 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	FORT WAYNE	FWA	VORTAC	H	317.02	311.02	19.00	19.00	2700	17500
2	MARION	MZZ	VOR/DME	L	013.78	010.78		42.33	2700	17500
3	GOSHEN	GSH	VORTAC	H	130.47	130.47	31.17	31.17	2700	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MZZ	VOR/DME	R-014	43	2700	17500

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	NW	GSH	VORTAC	130.47	130.47	R	1		4000	10000	6	9
2	SE		WP	154.25	334.25	R		4	2700	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-002382)	411445.00N/0852747.00W	1270	5D
2	200	TOWER (18-002382)	411445.00N/0852747.00W	1270	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

FORT WAYNE (FAC 1) AND MARION (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	V55	1, 2, 3	1			IN (US)
IAP	ILS OR LOC RWY 32 (ALT MA)	2, 3	1	KFWA	FORT WAYNE	IN (US)
IAP	ILS OR LOC RWY 5 (ALT MA)	2, 3	1	KFWA	FORT WAYNE	IN (US)
IAP	ILS RWY 5 (CAT II) (ALT MA)	2, 3	1	KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 13			KSMD	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 23		2	KSMD	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 31		2	KSMD	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 5		2	KSMD	FORT WAYNE	IN (US)
IAP	ILS OR LOC RWY 27			KASW	WARSAW	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

- 1: UPDATED FIX USE FROM KASW ILS OR LOC/DME RWY 27 TO KASW ILS OR LOC RWY 27.
- 2: REMOVED KASW RNAV (GPS) RWY 27 FROM FIX USE.
- 3: ADDED CONTROLLER LOW TO REQUIRED CHARTING.
- 4: REMOVED HOLDING PATTERN 3 AND ASSOCIATED INFORMATION.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: MICAH HILLEY

APPROVED BY: DATE: 10/07/2021 OFFICE: AJV-A430 NAME: LONNIE EVERHART

SIGNATURE: