

RADIO FIX AND HOLDING DATA RECORD

NAME: DABDE **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 411635.10N/0853411.20W **TYPE:** WP, INT, 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	MRA	MAA
1	WARSAW	I-ASW	LOC/DME		091.83	088.83	12.65	12.64	2700	5300
2	FORT WAYNE	FWA	VORTAC	H	321.98	315.98	24.85	24.85	2700	5300

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME MIN	MAX	TEMPLATES MIN	MAX
1	E		WP	091.99	271.99	R		4	2700	6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-000060)	412202.00N/0852721.00W	1305	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
ASW DME L/L 411617.82N-0855057.25W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 27	1, 2		KASW	WARSAW	IN (US)
IAP	RNAV (GPS) RWY 27		1	KASW	WARSAW	IN (US)
IAP	RNAV (GPS) RWY 9		1	KASW	WARSAW	IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 08/12/2021

REASON FOR REVISION:

- 1: UPDATED FIX USE FOR KASW FROM ILS OR LOC/DME RWY 27 TO ILS OR LOC RWY 27.
- 2: REMOVED OLK VOR FROM FACILITY LIST.
- 3: UPDATED FACILITY 1 MAG/TRUE BRG FROM 91.82/88.82 TO 91.83/88.83.
- 4: ADDED FORT WAYNE TO FIX MAKE-UP FACILITIES.

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

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

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

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 PATTERNS.

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		2	KASW	WARSAW	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 08/12/2021

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:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

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ATC FACILITY: FWA APP CON, FWA ATCT
OTHER: