

RADIO FIX AND HOLDING DATA RECORD

NAME: FORT WAYNE VORTAC STATE: IN COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 405844.63N/0851117.01W TYPE:

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 FEET	MRA	MAA
1	FORT WAYNE	FWA	VORTAC	VH						45000

FIX RESTRICTIONS:

MCA V38 12500 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SE	FWA	VORTAC	140.75	320.75	R	1		4000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-000023)	410012.00N/0850559.00W	1159	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: 6W 2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	INDY			KIND	INDIANAPOLIS	IN (US)
DP	DAYTON			KDAY	DAYTON	OH (US)
EN ROUTE	J149					(US)
EN ROUTE	J178					(US)
EN ROUTE	J64					(US)
EN ROUTE	V11					(US)
EN ROUTE	V144					(US)
EN ROUTE	V221					(US)
EN ROUTE	V277					(US)
EN ROUTE	V38					(US)
EN ROUTE	V55					(US)
IAP	ILS OR LOC RWY 27			KGWB	AUBURN	IN (US)
IAP	RNAV (GPS) RWY 9			KGWB	AUBURN	IN (US)
IAP	VOR-A			KGWB	AUBURN	IN (US)
IAP	ILS OR LOC RWY 32			KFWA	FORT WAYNE	IN (US)
IAP	ILS OR LOC RWY 5			KFWA	FORT WAYNE	IN (US)
IAP	ILS RWY 5 (CAT II)			KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 14			KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 23			KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 32			KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 5			KFWA	FORT WAYNE	IN (US)
IAP	VOR OR TACAN RWY 23			KFWA	FORT WAYNE	IN (US)
IAP	VOR OR TACAN RWY 5			KFWA	FORT WAYNE	IN (US)
IAP	VOR OR TACAN RWY14			KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 31			KSMD	FORT WAYNE	IN (US)
IAP	VOR RWY 13			KSMD	FORT WAYNE	IN (US)
IAP	VOR-A			KHHG	HUNTINGTON	IN (US)
IAP	RNAV (GPS) RWY 23			KOKK	KOKOMO	IN (US)
IAP	ILS OR LOC RWY 27		1	KASW	WARSAW	IN (US)
IAP	HI-ILS Y OR LOC Y RWY 25			KTOL	TOLEDO	OH (US)
IAP	HI-ILS Y OR LOC Y RWY 7			KTOL	TOLEDO	OH (US)
IAP	HI-TACAN RWY 25			KTOL	TOLEDO	OH (US)
IAP	HI-TACAN RWY 7			KTOL	TOLEDO	OH (US)
STAR	PANGG (RNAV)			KIGQ	CHICAGO	IL (US)
STAR	PANGG (RNAV)			KMDW	CHICAGO	IL (US)
STAR	ESSPO (RNAV)			KORD	CHICAGO	IL (US)
STAR	VEECK (RNAV)			KORD	CHICAGO	IL (US)
STAR	WATSN (RNAV)			KORD	CHICAGO	IL (US)
STAR	PANGG (RNAV)			KGYG	GARY/CHICAGO	IN (US)
STAR	PANGG (RNAV)			05C	GRIFFITH	IN (US)
STAR	PANGG (RNAV)			3HO	HOBART	IN (US)
STAR	CLANG			KEYE	INDIANAPOLIS	IN (US)
STAR	CLANG			KIND	INDIANAPOLIS	IN (US)
STAR	CLANG			KMQJ	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO**RECORD REVISION NUMBER: 32****DATE OF REVISION: 11/27/2025****REASON FOR REVISION:**

REMARKS: REMOVED PAT 1 AT ATC REQUEST - PAT 1 IS CHARTED ON IAP.

FIX USE: CHANGED KFWA ILS RWY 05 (CAT II) TO RWY 5 (CAT II). REMOVED DUPLICATE KFWA RNAV (GPS) RWY 5. REMOVED DUPLICATE KASW ILS OR LOC RWY 27. CHANGED KTOL HI-ILS OR LOC RWY 25 TO HI-ILS Y OR LOC Y RWY 25.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A421

NAME: BARRY SMITH**APPROVED BY:****DATE: 10/23/2025****OFFICE: AJV-A421****NAME: CASEY HILL****SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: OSBER

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 404508.87N/0844828.67W

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 FEET	MRA	MAA
1	FORT WAYNE	FWA	VORTAC	VH	134.02	128.02	22.00	22.00	3000	17500
2	ROSEWOOD	ROD	VORTAC	H	313.77	308.77	44.73	44.73	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ROD	VORTAC	R-314	45	3000	15600

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	SE	FWA	VORTAC	134.02	314.02	L	1	3000 10000	5 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001340)	404615.00N/0845605.00W	1223	3C
1	265	TOWER (18-001340)	404615.00N/0845605.00W	1223	3C

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIRSPACE CONSTRAINTS

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

FORT WAYNE (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
265K PATTERN EVALUATED FOR MILITARY USE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V277	1, 2	1			IN (US)
IAP	ILS OR LOC RWY 5	1	1	FWA	FORT WAYNE	IN (US)
IAP	ILS RWY 5 (CAT II)	1	1	FWA	FORT WAYNE	IN (US)
IAP	RADAR-1	1, 2	1	FWA	FORT WAYNE	IN (US)
IAP	VOR OR TACAN RWY 14	1	1	FWA	FORT WAYNE	IN (US)
IAP	VOR OR TACAN RWY 23	1	1	FWA	FORT WAYNE	IN (US)
IAP	VOR OR TACAN RWY 5	1	1	FWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 31			SMD	FORT WAYNE	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

1. TYPE: REMOVED "INT".
2. FIX MAKE-UP: REMOVED "FAC 2 MUNCIE, MIE VOR/DME", AND UPDATED ROSEWOOD, ROD VORTAC FAC FROM "3" TO "2".
3. ESV: REMOVED "MIE VOR/DME ESV".
4. HOLDING PATTERN: PAT 1 MIN / MAX TEMPLATE UPDATED FROM "6 / 9" TO "5 / 10".
5. CONTROLLING OBSTRUCTIONS: UPDATED PAT 1 200 OBSTACLE TOWER (18-001340) ACCURACY CODE FROM "3B" TO "3C".
6. CONTROLLING OBSTRUCTIONS: ADDED PAT 1 265 TOWER (18-001340) 404615.00N/0845605.00W 1223 3C
7. REMARKS UPDATED FROM "FORT WAYNE (FAC 1) AND MUNCIE (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO "FORT WAYNE (FAC 1) USED TO ESTABLISH FIX COORDINATES".
8. FIX USE: REMOVED FAC MIE VOR/DME FOR "V277, AND FOR KFWA: ILS OR LOC RWY 5, ILS RWY 5 (CAT II), RADAR-1, VOR OR TACAN RWY 14, VOR OR TACAN RWY 23, AND VOR OR TACAN RWY 5".
9. FIX USE: REMOVED FAC 3, ROD VORTAC FROM FWA: ILS OR LOC RWY 5, AND ILS RWY 5 (CAT II).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 04/09/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE: