

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 395427.90N/0853922.32W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	E		WP	072.17	252.17	R	4	2700	6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001192)	395203.00N/0854312.00W	1410	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 25		1	KMQJ	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 7			KMQJ	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: REMOVED "KMQJ R25" AND DATA.
2. HOLDING RESTRICTIONS: ADDED "HOLDING LIMITED TO ESTABLISHED PATTERN" AND REMOVED FROM REMARKS.
3. REMARKS: ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED".
4. FIX USE: UPDATED FORMAT FOR "RNAV (GPS) RWY 25" AND ADDED "RNAV (GPS) RWY 7".

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: EMMANUEL GONZALES

APPROVED BY: DATE: 10/31/2024 OFFICE: AJV-A431 NAME: ERIC N SUSKI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PENDS

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 400557.83N/0854254.47W

TYPE: WP

AIRSPACE DOCKET: 25-AGL-3

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 16			KMQJ	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 25			KMQJ	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 33			KMZZ	MARION	IN (US)
IAP	RNAV (GPS) RWY 4			KMZZ	MARION	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

1. FIX MAKE-UP: REMOVED MUNCIE (MIE) AND MARION (MZZ) DUE TO DECOMMISSIONING.
2. FIX USE: REMOVED V14, V192, V210. ALSO CLANG STAR'S.
3. REMARKS: REMOVED ALL.
4. TYPE: WP ONLY.
5. HOLDING PATTERN ASSOCIATION UNP,05/14/2026 DELETED.
6. CHARTING: REMOVED STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TODD DAMRON

APPROVED BY:

DATE: 04/09/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SHELBYVILLE VOR/DME **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 393757.15N/0854927.54W **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	MRA	MAA
								NM FEET		
1	SHELBYVILLE	SHB	VOR/DME	VL						17500

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH	HOLDING ALTITUDES	TEMPLATES	
							TIME DME	MIN MAX	MIN MAX	
1	NW	SHB	VOR/DME	336.00	156.00	L	1	2400	8000	4 8
2	E	SHB	VOR/DME	089.00	269.00	R	1	2600	8000	4 8
3	NW	SHB	VOR/DME	334.00	154.00	R	1	2400	8000	4 8
4	S	SHB	VOR/DME	166.00	346.00	R	1	2500	8000	4 8
5	NE		WP	038.88	218.88	R		4 3000	6000	5 6
6	SE		WP	142.71	322.71	R		4 2900	6000	5 6
7	SE	SHB	VOR/DME	149.92	329.92	R	1	2600	6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-000878)	393629.12N/0855210.24W	1229	3C
2	200	TOWER (18-000878)	393629.12N/0855210.24W	1229	3C
3	200	TOWER (18-000878)	393629.12N/0855210.24W	1229	3C
4	200	TOWER (18-000878)	393629.12N/0855210.24W	1229	3C
5	200	TOWER (18-000611)	394658.32N/0854739.47W	1256	1A
6	200	TOWER (18-000878)	393629.12N/0855210.24W	1229	3C
7	200	TOWER (18-000878)	393629.12N/0855210.24W	1229	3C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: E1 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GATEWAY			KALN	ALTON/ST LOUIS	IL (US)
DP	GATEWAY			KBLV	BELLEVILLE	IL (US)
DP	GATEWAY			KCPV	CAHOKIA/ST LOUIS	IL (US)
DP	INDY			KIND	INDIANAPOLIS	IN (US)
DP	GATEWAY			KSTL	ST LOUIS	MO (US)
DP	JHART (RNAV)			KSTL	ST LOUIS	MO (US)
DP	GATEWAY			KSUS	ST LOUIS	MO (US)
EN ROUTE	V12					(US)
EN ROUTE	V221					(US)
EN ROUTE	V51					(US)
IAP	ILS OR LOC/DME RWY 35			KBMG	BLOOMINGTON	IN (US)
IAP	ILS OR LOC RWY 23			KBAK	COLUMBUS	IN (US)
IAP	RNAV (GPS) RWY 14		5	KBAK	COLUMBUS	IN (US)
IAP	RNAV (GPS) RWY 23			KBAK	COLUMBUS	IN (US)
IAP	ILS OR LOC RWY 18			KCEV	CONNERSVILLE	IN (US)
IAP	RNAV (GPS) RWY 19			I34	GREENSBURG	IN (US)
IAP	VOR-A			I34	GREENSBURG	IN (US)
IAP	VOR-A		2	KHFX	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 14			KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 23L			KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 32			KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 5R			KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (CAT II & III)			KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (SA CAT I)			KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 25		3	KMQJ	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 25		6	KMQJ	INDIANAPOLIS	IN (US)
IAP	VOR RWY 34		4	KMQJ	INDIANAPOLIS	IN (US)
IAP	VOR RWY 33		7	KUMP	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 1			KGEZ	SHELBYVILLE	IN (US)
IAP	RNAV (GPS) RWY 19			KGEZ	SHELBYVILLE	IN (US)
IAP	VOR RWY 19		1	KGEZ	SHELBYVILLE	IN (US)
STAR	CLANG			KEYE	INDIANAPOLIS	IN (US)
STAR	RACYR			KEYE	INDIANAPOLIS	IN (US)
STAR	RACYR			KHFX	INDIANAPOLIS	IN (US)
STAR	CLANG			KIND	INDIANAPOLIS	IN (US)

STAR	RACYR	KIND	INDIANAPOLIS	IN (US)
STAR	CLANG	KMQJ	INDIANAPOLIS	IN (US)
STAR	RACYR	KMQJ	INDIANAPOLIS	IN (US)
STAR	RACYR	KTYQ	INDIANAPOLIS	IN (US)
STAR	RACYR	KUMP	INDIANAPOLIS	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 34

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

FIX USE: REMOVED IAPS: COPTER RNAV (GPS) 291 AND COPTER VOR/DME 287 AT 8A4 INDIANAPOLIS IN (US).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: BRYANT SMITH

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE: