

RADIO FIX AND HOLDING DATA RECORD

NAME: BRICKYARD VORTAC

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 394853.02N/0862203.00W

TYPE:

AIRSPACE DOCKET: 21-AGL-1

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	BRICKYARD	VHP	VORTAC	H						45000

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 ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	VHP	VORTAC	256.00	076.00	L	1	2600 10000	4 9
2	S	VHP	VORTAC	202.00	022.00	L	1	2700 10000	4 9
3	NW		WP	311.00	131.00	R		3000 6000	5 6
4	W	VHP	VORTAC	272.00	092.00	L	1 1/2	15000 24000	15 19

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001084)	394807.78N/0863427.09W	1526	4D
2	200	TOWER (18-001377)	395146.32N/0862648.60W	1190	1A
3	200	TOWER (18-002004)	395455.44N/0862338.47W	1251	1A
4	265	TOWER (18-001444)	395325.00N/0861220.00W	1866	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 COMPATIBILITY WITH PROCEDURE TURN.
PAT 2 ATC REQUEST.
PAT 4 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING RESTRICTED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 1 DEGREE EAST (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			KCPD	CAHOKIA/ST LOUIS	IL (US)
DP	DAWNN			KEYE	INDIANAPOLIS	IN (US)
DP	HOOSIER			KEYE	INDIANAPOLIS	IN (US)
DP	MAREO			KEYE	INDIANAPOLIS	IN (US)
DP	MEARZ			KEYE	INDIANAPOLIS	IN (US)
DP	ROCKY			KEYE	INDIANAPOLIS	IN (US)
DP	DAWNN			KHFX	INDIANAPOLIS	IN (US)
DP	HOOSIER			KHFX	INDIANAPOLIS	IN (US)
DP	MAREO			KHFX	INDIANAPOLIS	IN (US)
DP	MEARZ			KHFX	INDIANAPOLIS	IN (US)
DP	ROCKY			KHFX	INDIANAPOLIS	IN (US)
DP	DAWNN			KIND	INDIANAPOLIS	IN (US)
DP	HOOSIER			KIND	INDIANAPOLIS	IN (US)
DP	INDY			KIND	INDIANAPOLIS	IN (US)
DP	MAREO			KIND	INDIANAPOLIS	IN (US)
DP	MEARZ			KIND	INDIANAPOLIS	IN (US)
DP	ROCKY			KIND	INDIANAPOLIS	IN (US)
DP	DAWNN			KMQJ	INDIANAPOLIS	IN (US)
DP	HOOSIER			KMQJ	INDIANAPOLIS	IN (US)
DP	MAREO			KMQJ	INDIANAPOLIS	IN (US)
DP	MEARZ			KMQJ	INDIANAPOLIS	IN (US)
DP	ROCKY			KMQJ	INDIANAPOLIS	IN (US)
DP	DAWNN			KTYQ	INDIANAPOLIS	IN (US)
DP	HOOSIER			KTYQ	INDIANAPOLIS	IN (US)
DP	MAREO			KTYQ	INDIANAPOLIS	IN (US)
DP	MEARZ			KTYQ	INDIANAPOLIS	IN (US)
DP	ROCKY			KTYQ	INDIANAPOLIS	IN (US)
DP	DAWNN			KUMP	INDIANAPOLIS	IN (US)
DP	HOOSIER			KUMP	INDIANAPOLIS	IN (US)
DP	MAREO			KUMP	INDIANAPOLIS	IN (US)
DP	MEARZ			KUMP	INDIANAPOLIS	IN (US)
DP	ROCKY			KUMP	INDIANAPOLIS	IN (US)
DP	DAWNN			KGEZ	SHELBYVILLE	IN (US)
DP	HOOSIER			KGEZ	SHELBYVILLE	IN (US)
DP	MAREO			KGEZ	SHELBYVILLE	IN (US)
DP	MEARZ			KGEZ	SHELBYVILLE	IN (US)
DP	ROCKY			KGEZ	SHELBYVILLE	IN (US)

DP	LOVEY (RNAV)	KCVG	COVINGTON	KY (US)
DP	WHITEWATER	KCVG	COVINGTON	KY (US)
DP	GATEWAY	KSTL	ST LOUIS	MO (US)
DP	JHART (RNAV)	KSTL	ST LOUIS	MO (US)
DP	GATEWAY	KSUS	ST LOUIS	MO (US)
DP	DAYTON	KDAY	DAYTON	OH (US)
DP	NASHVILLE	KBNA	NASHVILLE	TN (US)
EN ROUTE	J110			(US)
EN ROUTE	J24			(US)
EN ROUTE	J80			(US)
EN ROUTE	V11			(US)
EN ROUTE	V128			(US)
EN ROUTE	V14			(US)
EN ROUTE	V192			(US)
EN ROUTE	V210			(US)
EN ROUTE	V24			(US)
EN ROUTE	V399			(US)
EN ROUTE	V434			(US)
EN ROUTE	V50			(US)
EN ROUTE	V53			(US)
IAP	ILS OR LOC/DME RWY 35	KBMG	BLOOMINGTON	IN (US)
IAP	NDB RWY 4	KCFJ	CRAWFORDSVILLE	IN (US)
IAP	RNAV (GPS) RWY 18	KGPC	GREENCASTLE	IN (US)
IAP	VOR-A	KGPC	GREENCASTLE	IN (US)
IAP	COPTER RNAV (GPS) 291	3 8A4	INDIANAPOLIS	IN (US)
IAP	LOC RWY 21	KEYE	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 21	KEYE	INDIANAPOLIS	IN (US)
IAP	VOR-A	1 KEYE	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 23R	KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 32	KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 5L	KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 5R	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23R (SA CAT I)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23R (SA CAT II)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (CAT II)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (CAT III)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (SA CAT I)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (CAT II)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (CAT III)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (SA CAT I)	KIND	INDIANAPOLIS	IN (US)
IAP	VOR RWY 34	KMQJ	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 36	KTYQ	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 36	KTYQ	INDIANAPOLIS	IN (US)
IAP	VOR RWY 18	2 KTYQ	INDIANAPOLIS	IN (US)
IAP	NDB RWY 15	KUMP	INDIANAPOLIS	IN (US)
IAP	VOR RWY 33	KUMP	INDIANAPOLIS	IN (US)
STAR	RACYR	KEYE	INDIANAPOLIS	IN (US)
STAR	RACYR	KHFY	INDIANAPOLIS	IN (US)
STAR	RACYR	KIND	INDIANAPOLIS	IN (US)
STAR	RACYR	KMQJ	INDIANAPOLIS	IN (US)
STAR	RACYR	KTYQ	INDIANAPOLIS	IN (US)
STAR	RACYR	KUMP	INDIANAPOLIS	IN (US)
STAR	CEGRM (RNAV)	KCVG	COVINGTON	KY (US)
STAR	SHELBYVILLE	4 KCVG	COVINGTON	KY (US)
STAR	SHELBYVILLE	4 K62	FALMOUTH	KY (US)
STAR	AARCH (RNAV)	KSTL	ST LOUIS	MO (US)
STAR	VANDALIA	KSTL	ST LOUIS	MO (US)
STAR	SHELBYVILLE	4 I69	BATAVIA	OH (US)
STAR	SHELBYVILLE	1 4 KLUK	CINCINNATI	OH (US)
STAR	SHELBYVILLE	1 4 KHAO	HAMILTON	OH (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: 04/20/2023

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 21-AGL-1.
2. DELETED V96, V285 AND V305 IN FIX USE.
3. CHANGED PAT 3 OBSTACLE ACCURACY CODE FROM "5D" TO "1A".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: EDMEW

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401618.41N/0861011.81W

TYPE: WP

AIRSPACE DOCKET: 21-AGL-1

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
IAP

USE TITLE
RNAV (GPS) RWY 18
RNAV (GPS) RWY 5

FAC

PAT

AIRPORT IDENT
2R2
KOKK

CITY
INDIANAPOLIS
KOKOMO

STATE
IN (US)
IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 21-AGL-1.
2. DELETED "DME" FROM FIX TYPE -- NO GROUND BASED USE.
3. DELETED OKK VORTAC FROM FIX MAKE-UP FACILITIES -- NO GROUND BASED USE.
4. DELETED V96 AND V285 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HUBOP

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 402018.41N/0860827.04W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	KOKOMO	OKK	VORTAC	H	203.51	198.51	11.97	11.97		2700	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V285	1				IN (US)
EN ROUTE	V96	1				IN (US)

REQUIRED CHARTING: CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. CHANGED MAG BRG FROM 198.51 TO READ 203.51 FOR FAC1 IN FIX MAKE-UP FACILITIES SECTION.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 402210.65N/0860738.20W **TYPE:** WP

AIRSPACE DOCKET: 21-AGL-1 **FIX TYPE OF ACTION:** MODIFY

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

REMARKS:
ATC REQUEST EN ROUTE CHARTING.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 04			KMZZ	MARION	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 04/20/2023

REASON FOR REVISION:
1. ADDED AIRSPACE DOCKET 21-AGL-1.
2. DELETED DME FROM FIX TYPE.
3. DELETED FAC 1 OKK FROM FIX MAKE-UP FACILITIES.
4. ADDED REMARK "ATC REQUEST EN ROUTE CHARTING".
5. DELETED V96 AND V285 IN FIX USE.
6. DELETED FAC 1 FROM RNAV (GPS) RWY 04 AT KMZZ IN FIX USE.
7. CHANGED "CONTROLLER" TO "CONTROLLER LOW" IN REQUIRED CHARTING.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: DANIEL JOHNSEN
APPROVED BY:	DATE: 04/20/2023	OFFICE: AJV-A420	NAME: MARLON ROBINSON
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIPPY

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 395821.34N/0861758.69W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 21-AGL-1

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SHELBYVILLE	SHB	VOR/DME	L	312.00	313.00	29.98	29.98		5000	17500
2	BRICKYARD	VHP	VORTAC	H	017.30	018.30	9.97	9.97		2700	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SHELBYVILLE (FAC 1) AND BRICKYARD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V51	1, 2				(US)
EN ROUTE	V97	1, 2				(US)
IAP	RNAV (GPS) RWY 27			KFKR	FRANKFORT	IN (US)
IAP	RNAV (GPS) RWY 19			KHFY	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 16			KMQJ	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 15			KUMP	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 21-AGL-1.
2. DELETED V96 AND V285 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: