

RADIO FIX AND HOLDING DATA RECORD

NAME: BAGEL STATE: IN COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 413057.51N/0853649.28W 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	FEET	MRA	MAA
1	GOSHEN	GSH	VORTAC	H	091.55	091.55	18.68	18.68		2700	17500
2	FORT WAYNE	FWA	VORTAC	H	335.25	329.25	37.52	37.52		2700	17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW		WP	206.00	026.00	R	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-020564)	412646.41N/0853123.48W	1315	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

GOSHEN (FAC 1) AND FORT WAYNE (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GTLKE (RNAV)			KBKL	CLEVELAND	OH (US)
DP	GTLKE (RNAV)			KCGF	CLEVELAND	OH (US)
DP	GTLKE (RNAV)			KCLE	CLEVELAND	OH (US)
DP	GTLKE (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
DP	GTLKE (RNAV)			KLNN	WILLOUGHBY	OH (US)
EN ROUTE	V126	1, 2				(US)
EN ROUTE	V277	1, 2				(US)
IAP	RNAV (GPS) RWY 36			KEKM	ELKHART	IN (US)
IAP	RNAV (GPS) RWY 10			KC62	KENDALLVILLE	IN (US)
IAP	RNAV (GPS) RWY 28		1	KC62	KENDALLVILLE	IN (US)
IAP	RNAV (GPS) RWY 27			KASW	WARSAW	IN (US)
STAR	GOSHEN	1, 2		KIGQ	CHICAGO	IL (US)
STAR	GOSHEN	1, 2		KMDW	CHICAGO	IL (US)
STAR	PANGG (RNAV)			KMDW	CHICAGO	IL (US)
STAR	GOSHEN	1, 2		KGYG	GARY	IN (US)
STAR	GOSHEN	1, 2		K05C	GRIFFITH	IN (US)
STAR	GOSHEN	1, 2		K3HO	HOBART	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

1: ADDED KASW RNAV (GPS) RWY 27 TO FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: MICAH HILLEY
 APPROVED BY: DATE: OFFICE: AJV-A430 NAME: GEORGE DAVIS

SIGNATURE: *Digitally signed by*
DONALD H LANIER

DISTRIBUTION: NFDC
 FPO: FTW Jul 09, 2021
 ARTCC: ZAU
 ATC FACILITY: FWA ATCT
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: COVPO

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412135.22N/0853418.22W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 27

FAC

PAT

AIRPORT IDENT
KASW

CITY
WARSAW

STATE
IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/23/2010

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by

DONALD H LANIER

DISTRIBUTION:

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

Jul 09, 2021

QUALITY
24
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CUDRU

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410858.28N/0855409.18W

TYPE: DME

AIRSPACE DOCKET:

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	FORT WAYNE	FWA	VORTAC	H	293.73	287.73	34.00	34.00		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V340	1				

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

- 1: REMOVED KASW RNAV (GPS) RWY 27 FROM FIX USE.
- 2: REMOVED HOLDING PATTERN 1.
- 3: REMOVED WP FROM TYPE.

7/20/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 7/9/2021:

- 1: ADDED IAP TO REQUIRED CHARTING.

8/6/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/9/2021:

- 1. DELETED IAP FROM REQUIRED CHARTING.

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: *Digitally signed by*

DONALD H LANIER

Aug 06, 2021



RADIO FIX AND HOLDING DATA RECORD

NAME: HULIB

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411614.79N/0855657.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 27

FAC

PAT

AIRPORT IDENT
KASW

CITY
WARSAW

STATE
IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/23/2010

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by
DONALD H LANIER

Jul 09, 2021

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: INEXE

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411134.98N/0853404.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 27

FAC

PAT

AIRPORT IDENT
KASW

CITY
WARSAW

STATE
IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/23/2010

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by
DONALD H LANIER

DISTRIBUTION:

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

Jul 09, 2021



RADIO FIX AND HOLDING DATA RECORD

NAME: JASUS

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412336.67N/0853421.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 27

FAC

PAT

AIRPORT IDENT
KASW

CITY
WARSAW

STATE
IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

7/20/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 7/9/2021:
1: ADDED IAP TO REQUIRED CHARTING.

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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DONALD H LANIER
Aug 04, 2021

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: POPOE

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410933.73N/0853401.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 27

FAC

PAT

AIRPORT IDENT
KASW

CITY
WARSAW

STATE
IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

7/20/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 7/9/2021:
1: ADDED IAP TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICAH HILLEY

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by

DONALD H LANIER

Aug 04, 2021



RADIO FIX AND HOLDING DATA RECORD

NAME: RABBT

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412412.41N/0853125.66W

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 NM	FAC FEET	MRA	MAA
1	FORT WAYNE	FWA	VORTAC	H	335.25	329.25	29.65	29.65		2800	17500
2	GOSHEN	GSH	VORTAC	H	107.63	107.63	23.88	23.88		4500	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

REMARKS:

FORT WAYNE (FAC 1) AND GOSHEN (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V277	1, 2				(US)
EN ROUTE	V8	1, 2				(US)
IAP	RNAV (GPS) RWY 27			KGSH	GOSHEN	IN (US)
IAP	RNAV (GPS) RWY 10			KC62	KENDALLVILLE	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: REMOVED KASW RNAV (GPS) RWY 27 FROM FIX USE.
- 2: REMOVED UNPLANNED HOLDING.
- 3: REMOVED "DME REQUIRED FOR HOLDING FROM REMARKS.
- 4: REMOVED "PRECIPITOUS TERRAIN EVALUATION COMPLETED" FROM REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICAH HILLEY

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

Digitally signed by

SIGNATURE:

DONALD H LANIER

Jul 09, 2021

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: TELEY STATE: IN COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 410131.13N/0853404.79W 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	FAC FEET	MRA	MAA
1	FORT WAYNE	FWA	VORTAC	H	285.25	279.25	17.48	17.48		2800	17500
2	MARION	MZZ	VOR/DME	L	012.00	009.00		32.30		2800	17500

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	FWA	VORTAC	285.25	105.25	R	1	3000 6000	6 7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001273)	410558.00N/0854329.00W	1199	5D

HOLDING RESTRICTIONS:
 HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

FORT WAYNE (FAC 1) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V38	1, 2				(US)
IAP	ILS OR LOC RWY 32	1, 2	1	KFWA	FORT WAYNE	IN (US)
IAP	RADAR-1	1, 2	1	KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 9			KHHG	HUNTINGTON	IN (US)
IAP	RNAV (GPS) RWY 27			KGGP	LOGANSPOUT	IN (US)
IAP	RNAV (GPS) RWY 19			KI76	PERU	IN (US)
IAP	RNAV (GPS) RWY 27			KIWH	WABASH	IN (US)
IAP	RNAV (GPS) RWY 27			KASW	WARSAW	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

1: ADDED KASW RNAV (GPS) RWY 27 TO FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A430 NAME: MICAH HILLEY
 APPROVED BY: DATE: OFFICE: AJV-A431 NAME: GEORGE DAVIS

SIGNATURE: *Digitally signed by*
DONALD H LANIER

DISTRIBUTION: NFDC
 FPO: FTW
 ARTCC: ZAU
 ATC FACILITY: FWA APP CON, FWA ATCT
 OTHER:
 Jul 09, 2021



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 411628.44N/0854209.89W **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	FAC FEET	MRA	MAA
1	WARSAW	I-ASW	LOC/DME		091.83	088.83	6.63	6.62	40252	2700	5300

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

REMARKS:

ASW DME L/L 411617.82N-0855057.25W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 27	1		KASW	WARSAW	IN (US)
IAP	RNAV (GPS) RWY 27			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: MOVED FIX FROM 411628.360N/0854216.740W TO 411628.436N/0854209.891W - .09 NM WEST.
- 3: UPDATED FACILITY 1 MAG/TRUE BRG FROM 91.82/88.82 TO 91.83/88.83.
- 4: UPDATED FACILITY 1 DME FROM 6.54NM TO 6.63NM.
- 5: UPDATED FACILITY 1 DISTANCE FROM FAC NM/FEET FROM 6.54/39729 TO 6.62/40252.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: MICAH HILLEY
APPROVED BY:	DATE:	OFFICE: AJV-A430	NAME: GEORGE DAVIS

SIGNATURE: *Digitally signed by*
DONALD H LANIER

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

Jul 09, 2021



RADIO FIX AND HOLDING DATA RECORD

NAME: YIDUL

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411624.15N/0854700.56W

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 NM	FAC FEET	MRA	MAA
1	WARSAW	I-ASW	LOC/DME		091.83	088.83	2.98	2.97		1420	5300

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ASW DME LAT/LONG 411617.82N/0855057.25W.

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

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: UPDATED FACILITY 1 MAG/TRUE BRG FROM 91.82/88.82 TO 91.83/88.83.
- 3: UPDATED FACILITY 1 MRA FROM 1440 TO 1420.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICAH HILLEY

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by

DONALD H LANIER

Jul 09, 2021

DISTRIBUTION:

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

QUALITY
24
CHECKED