

RADIO FIX AND HOLDING DATA RECORD

NAME: BAGEL **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 413057.51N/0853649.28W **TYPE:** WP, DME
AIRSPACE DOCKET: 24-AGL-10 **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	KEELER	ELX	VOR/DME	L	148.62	148.62	44.07	44.07	4000	17500
2	FORT WAYNE	FWA	VORTAC	VH	335.25	329.25	37.52	37.52	2700	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ELX	VOR/DME	R-149	44	4000	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	HOLDING ALTITUDES DME	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(S)

REMARKS:

KEELER (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	V277	1, 2				(US)
IAP	RNAV (GPS) RWY 36			KEKM	ELKHART	IN (US)
IAP	RNAV (GPS) RWY 10			C62	KENDALLVILLE	IN (US)
IAP	RNAV (GPS) RWY 28		1	C62	KENDALLVILLE	IN (US)
IAP	RNAV (GPS) RWY 27			KASW	WARSAW	IN (US)
STAR	PANGG (RNAV)			KMDW	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

- ADDED AIRSPACE DOCKET 24-AGL-10.
- DELETED GSH AND ADDED ELX IN FIX MAKE-UP FACILITIES.
- FWA CLASS CHANGED FROM "H" TO "VH" IN FIX MAKE-UP FACILITIES.
- ADDED ELX ESV.
- CHANGED REMARK FROM "GOSHEN (FAC 1) AND FORT WAYNE (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO "KEELER (FAC 1) AND FORT WAYNE (FAC 2) USED TO ESTABLISH FIX COORDINATES".
- DELETED EN ROUTE V126 IN FIX USE.
- ADDED FAC 1 AND FAC 2 TO EN ROUTE V277 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: EDXUR

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412832.36N/0852406.48W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 10

FAC

PAT

AIRPORT IDENT
C62

CITY
KENDALLVILLE

STATE
IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/19/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/26/2013

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 08/22/2013

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HIATT

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412829.03N/0852123.64W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
IAP

USE TITLE
RNAV (GPS) RWY 10
RNAV (GPS) RWY 28

FAC

PAT

AIRPORT IDENT
C62
C62

CITY
KENDALLVILLE
KENDALLVILLE

STATE
IN (US)
IN (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/19/2013

REASON FOR REVISION:

UPDATE FIX COORDINATES, FIX MOVED 4150 FEET WEST.
ADD FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/26/2013

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 08/22/2013

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: FWA TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ILTON

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412957.12N/0845912.68W

TYPE: WP

AIRSPACE DOCKET: 24-AGL-10

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ATC REQUEST EN ROUTE LOW CHARTING.

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP

RNAV (GPS) RWY 23

KANQ

ANGOLA

IN (US)

IAP

RNAV (GPS) RWY 5

KANQ

ANGOLA

IN (US)

IAP

RNAV (GPS) RWY 10

C62

KENDALLVILLE

IN (US)

IAP

RNAV (GPS) RWY 28

C62

KENDALLVILLE

IN (US)

IAP

RNAV (GPS) RWY 12

KDFI

DEFIANCE

OH (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 24-AGL-10.
2. DELETED "INT, DME" IN FIX TYPE.
3. DELETED GSH AND FWA IN FIX MAKE-UP FACILITIES -- NO GROUND BASED USE.
4. DELETED GSH ESV.
5. DELETED REMARK "GOSHEN (FAC 1) AND FORT WAYNE (FAC 2) USED TO ESTABLISH FIX COORDINATES".
6. ADDED REMARK "ATC REQUEST EN ROUTE LOW CHARTING".
7. DELETED EN ROUTE V126 AND V221 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 412806.91N/0850431.76W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E		WP	095.76	275.76	L	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-020568)	412524.06N/0845135.73W	1370	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10		1	C62	KENDALLVILLE	IN (US)
IAP	RNAV (GPS) RWY 28		1	C62	KENDALLVILLE	IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 09/19/2013

REASON FOR REVISION:

UPDATE FIX COORDINATES, FIX MOVED 5466 FEET WEST.
UPDATED HOLDING INBOUND FROM 275.77 TO 275.76, RIGHT TURNS TO LEFT TURNS, OBSTACLE FROM 1304 MSL (5D) TO 1370 MSL (4D).
ADD FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 03/26/2013 OFFICE: AJV-353 NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE: 08/22/2013 OFFICE: AJV-353 NAME: LARRY STROUT

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: RABBT

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412412.41N/0853125.66W

TYPE: WP, DME

AIRSPACE DOCKET: 24-AGL-10

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	335.25	329.25	29.65	29.65		2800	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V277	1				(US)
IAP	RNAV (GPS) RWY 27			KGSH	GOSHEN	IN (US)
IAP	RNAV (GPS) RWY 10			C62	KENDALLVILLE	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 24-AGL-10.
2. DELETED "INT" IN FIX TYPE.
3. FWA CLASS CHANGED FROM "H" TO "VH" IN FIX MAKE-UP FACILITIES.
4. DELETED GSH IN FIX MAKE-UP FACILITIES.
5. DELETED REMARK "FORT WAYNE (FAC 1) AND GOSHEN (FAC 2) USED TO ESTABLISH FIX COORDINATES".
6. DELETED FAC 2 FROM EN ROUTE V277 IN FIX USE.
7. DELETED EN ROUTE V8 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIVAR

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412835.56N/0852646.06W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	275.51	095.51	R	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001282)	412748.00N/0852627.00W	1357	5D

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10		1	C62	KENDALLVILLE	IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/19/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/26/2013

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 08/22/2013

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

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