

RADIO FIX AND HOLDING DATA RECORD

NAME: APODD

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 392307.17N/0853514.50W

TYPE: RADAR, INT, 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	SHELBYVILLE	SHB	VOR/DME	VL	142.33	143.33	18.46	18.46	112157	2700	6000
2	CLIFS	BA	LOM		073.50	070.50		11.41		2700	6000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	NW	SHB	VOR/DME	142.33	142.33	R	1		2700	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-002336)	392436.18N/0853424.90W	1186	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

SHELBYVILLE (FAC 1) AND CLIFS (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1, 2	1	I34	GREENSBURG	IN (US)

REQUIRED CHARTING: IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. FIX MOVED FROM 392338.76N/0853519.45W TO 392307.17N/0853514.50W (3219.94 FEET SE).
2. FIX MAKE-UP FACILITIES SHELBYVILLE MAG BRG/TRUE BRG, DME/DIST, FEET CHANGED FROM 141.50/142.50, 18/18, 109368 TO 142.33/143.33, 18.46/18.46, 112157.
3. FIX MAKE-UP FACILITIES CLIFS MAG BRG/TRUE BRG, DIST CHANGED FROM 070.94/067.94, 11.53 TO 073.50/070.50, 11.41.
4. HOLDING COURSE CHANGED FROM 141.50 TO 142.33.
5. HOLDING OBSTACLE CHANGED FROM TOWER (15-1364) 1138 FEET TO TOWER (18-002336) 1186 FEET.
6. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: CFRPZ

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 391927.76N/0853145.39W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
VOR-A

FAC

PAT

AIRPORT IDENT
I34

CITY
GREENSBURG

STATE
IN (US)

REQUIRED CHARTING: IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/15/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: CLIFS LOM

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 391919.80N/0854906.77W

TYPE: RADAR

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	CLIFS	BA	LOM								17500
2	COLUMBUS	I-BAK	LOC		048.04	045.04		5.85	35518	2200	5100

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	NE	BA	LOM	048.04	228.04	R	1		2300	6000	4	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-002649)	392405.20N/0854139.40W	1086	4D
1	310	TOWER (18-002336)	392436.18N/0853424.90W	1186	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 23	KBAK	COLUMBUS	IN (US)

REMARKS:

RADAR FIX - DEPICTED IN ZID, IND TRACON
PRECIPITIOUS TERRAIN EVALUATION COMPLETED
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE CLIFS LOM. ACTUAL FACILITY LOCATION IS 391919.76N/0854906.73W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23	1, 2	1	KBAK	COLUMBUS	IN (US)
IAP	VOR-A	1		I34	GREENSBURG	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. ADDED I34 VOR-A TO FIX USE.
2. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: JAREL

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 392947.30N/0854137.06W

TYPE: RADAR, INT, 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	MRA	MAA
1	SHELBYVILLE	SHB	VOR/DME	VL	142.33	143.33	10.16	10.16	2700	6000
2	CLIFS	BA	NDB	MH	032.02	029.02		11.97	2700	6000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1, 2		I34	GREENSBURG	IN (US)

REQUIRED CHARTING: IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. FIX MOVED FROM 393999.49N/0854135.66W TO 392947.30N/0854137.06W (1338.93 FEET SE).
2. FIX MAKE-UP FACILITY SHELBYVILLE MAG BRG/TRUE BRG, DME/DIST CHANGED FROM 141.50/142.50, 10/10 TO 142.33/143.33, 10.16/10.16.
3. FIX MAKE-UP FACILITY CLIFS MAG BRG/TRUE BRG, DIST CHANGED FROM 031.59/028.59, 12.16 TO 032.02/029.02, 11.97.
4. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A430

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 NM FEET	MRA	MAA
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 TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES 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 2500 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			KCPs	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)
EN ROUTE	V97					(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	COPTER RNAV (GPS) 291			8A4	INDIANAPOLIS	IN (US)
IAP	COPTER VOR/DME 287			8A4	INDIANAPOLIS	IN (US)
IAP	VOR-A		2	KHFY	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	KHFY	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)
STAR	CEGRM (RNAV)	KCVG	COVINGTON	KY (US)
STAR	SHELBYVILLE	KCVG	COVINGTON	KY (US)
STAR	SHELBYVILLE	K62	FALMOUTH	KY (US)
STAR	SHELBYVILLE	I69	BATAVIA	OH (US)
STAR	SHELBYVILLE	KLUK	CINCINNATI	OH (US)
STAR	SHELBYVILLE	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: 30

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. ADDED I34 RNAV (GPS) RWY 19 TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE: