

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** BELLAIRE VOR/DME      **STATE:** OH      **COUNTRY:** US      **ICAO REGION CODE:** K5  
**LATITUDE/LONGITUDE:** 400101.29N/0804902.02W      **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	BELLAIRE	AIR	VOR/DME	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		TEMPLATES	
									MIN	MAX	MIN	MAX
1	SW	AIR	VOR/DME	224.00	044.00	L	1		3100	23000	4	19
2	SE	AIR	VOR/DME	117.00	297.00	L	1		3100	8000	4	8
3	SW		WP	224.00	044.00	L		4	3100	6000	5	6
4	SW		WP	225.66	045.66	L		10	3100	31000	15	24

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	1D
2	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	1D
3	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	1D
4	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	1D

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 ATC REQUEST  
 PAT 2 ATC REQUEST.  
 PAT 3 ATC REQUEST  
 PAT 4 ATC REQUEST.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAG VAR: 7W 1990

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
DP	PITTSBURGH			KPIT	PITTSBURGH	PA (US)
EN ROUTE	J110					(US)
EN ROUTE	J162					(US)
EN ROUTE	J34					(US)
EN ROUTE	J80					(US)
EN ROUTE	Q430					(US)
EN ROUTE	Q480					(US)
EN ROUTE	V103					(US)
EN ROUTE	V117		1			(US)
EN ROUTE	V214					(US)
EN ROUTE	V309					(US)
EN ROUTE	V75					(US)
IAP	VOR/DME RWY 27			6G5	BARNESVILLE	OH (US)
IAP	VOR-A		2	2P7	ST CLAIRSVILLE	OH (US)
IAP	VOR/DME RWY 25			4G5	WOODSFIELD	OH (US)
IAP	RNAV (GPS) RWY 16		3	KHLG	WHEELING	WV (US)
IAP	RNAV (GPS) RWY 34			KHLG	WHEELING	WV (US)
IAP	ILS OR LOC RWY 3		1	KHLG	WHEELING	WV (US)
IAP	RNAV (GPS) RWY 21		3	KHLG	WHEELING	WV (US)
IAP	VOR RWY 21			KHLG	WHEELING	WV (US)
STAR	CLANG			KEYE	INDIANAPOLIS	IN (US)
STAR	CLANG			KIND	INDIANAPOLIS	IN (US)
STAR	CLANG			KMQJ	INDIANAPOLIS	IN (US)
STAR	WESTMINSTER			KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER			KMTN	BALTIMORE	MD (US)
STAR	CLPRR (RNAV)			KCMH	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KLCK	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KOSU	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KTZR	COLUMBUS	OH (US)
STAR	FEWGA (RNAV)		4	KPIT	PITTSBURGH	PA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 35

**DATE OF REVISION:** 12/02/2021

**REASON FOR REVISION:**

- 1. REMOVED BREMN STAR FROM FIX USE.
- 2. ADDED KHLG VOR RWY 21 TO FIX USE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A432

**NAME:** TYLER MITCHELL

**APPROVED BY:**

**DATE:** 12/02/2021

**OFFICE:** AJV-A430

**NAME:** LONNIE EVERHART

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** DAYVE

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 394310.68N/0821748.25W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
STAR  
STAR  
STAR

**USE TITLE**  
CLPRR (RNAV)  
CLPRR (RNAV)  
CLPRR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KLCK  
KOSU  
KTZR

**CITY**

COLUMBUS  
COLUMBUS  
COLUMBUS

**STATE**

OH (US)  
OH (US)  
OH (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 08/12/2021

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 06/21/2021

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** FLIIP

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 400514.99N/0825125.05W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
STAR

**USE TITLE**  
CBUSS (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KCMH

**CITY**  
COLUMBUS

**STATE**  
OH (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 02/23/2023

**REASON FOR REVISION:**

REMOVED CLPRR (RNAV) STAR FROM FIX USE AT KCMH

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** NICHOLAS JACKSON

**APPROVED BY:**

**DATE:** 02/23/2023

**OFFICE:** AJV-A430

**NAME:** JOHNNIE BAKER

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HWKNG

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 394417.68N/0821942.48W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
STAR

**USE TITLE**  
CLPRR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KCMH

**CITY**  
COLUMBUS

**STATE**  
OH (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 08/12/2021

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 08/12/2021

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** JIDAN

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 394216.00N/0822454.32W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
STAR  
STAR

**USE TITLE**  
CLPRR (RNAV)  
CLPRR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KLCK  
KTZR

**CITY**  
COLUMBUS  
COLUMBUS

**STATE**  
OH (US)  
OH (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 08/12/2021

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 08/12/2021

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** MEYRR

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 394840.80N/0812933.24W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CLPRR (RNAV)			KCMH	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KLCK	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KOSU	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KTZR	COLUMBUS	OH (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 08/12/2021

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 08/12/2021

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** SACHO

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 394820.35N/0815043.90W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CLPRR (RNAV)			KCMH	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KLCK	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KOSU	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KTZR	COLUMBUS	OH (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 08/12/2021

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 08/12/2021

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WHEEN

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 394611.58N/0821730.99W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
STAR

**USE TITLE**  
CLPRR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KOSU

**CITY**  
COLUMBUS

**STATE**  
OH (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 08/12/2021

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 08/12/2021

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WILGO

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 400527.37N/0825519.20W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP  
IAP  
STAR

**USE TITLE**  
RNAV (RNP) Z RWY 10L  
RNAV (RNP) Z RWY 10R  
CBUSS (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KCMH  
KCMH  
KCMH

**CITY**  
COLUMBUS  
COLUMBUS  
COLUMBUS

**STATE**  
OH (US)  
OH (US)  
OH (US)

**REQUIRED CHARTING:** STAR, IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 02/23/2023

**REASON FOR REVISION:**

REMOVED CLPRR (RNAV) STAR FROM FIX USE AT KCMH

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** NICHOLAS JACKSON

**APPROVED BY:**

**DATE:** 02/23/2023

**OFFICE:** AJV-A430

**NAME:** JOHNNIE BAKER

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZANDR

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 400018.75N/0813158.35W

TYPE: WP, 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	BELLAIRE	AIR	VOR/DME	H	276.00	269.00	33.00	33.00		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

CONTROLLER LOW PER ATC REQUEST.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J110	1				(US)
EN ROUTE	J80	1				(US)
EN ROUTE	Q430					(US)
EN ROUTE	Q480					(US)
STAR	CLPRR (RNAV)			KCMH	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KLCK	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KOSU	COLUMBUS	OH (US)
STAR	CLPRR (RNAV)			KTZR	COLUMBUS	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 08/12/2021

**REASON FOR REVISION:**

1. ADDED STAR CLPRR (RNAV) AT KCMH, KLCK OH, KOSU, AND KTZR TO FIX USE
2. ADDED STAR TO REQUIRED CHARTING

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE: 08/12/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: