

# RADIO FIX AND HOLDING DATA RECORD

NAME: BOVEN STATE: MO COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385436.08N/0921015.81W 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 FAC NM	FAC FEET	MRA	MAA
1	COLUMBIA	COU	VOR/DME	L	020.40	020.40	6.34	6.34	38551	2700	17500

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N	COU	VOR/DME	020.40	200.40	L	1		2700	6000	4	12

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (29-002028)	385716.00N/0920540.00W	1207	2C
1	310	TOWER (29-000075)	385317.00N/0921549.00W	1616	2A

## REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 2	KCOU	COLUMBIA	MO (US)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 2	1	1	KCOU	COLUMBIA	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 05/19/2022

## REASON FOR REVISION:

1. REMOVED COLUMBIA I-COU LOC/DME AND ASSOCIATED INFORMATION FROM FIX MAKE-UP FACILITIES.
2. ADDED COLUMBIA COU VOR/DME AND ASSOCIATED INFORMATION TO FIX MAKE-UP FACILITIES.
3. CHANGED HOLDING PATTERN 1 FROM I-COU LOC/DME TO COU VOR/DME.
4. REMOVED REMARK: I-COU DME COORDINATES: 384937.16N/0921249.76W.
5. CHANGED HOLDING PAT 1 MAX HOLDING FROM 17500 TO 6000.
6. REMOVED PAT 1, 200 AIRSPEED, 1616 MSL TOWER (29-000075) 385317.00N/0921549.00W (2A) FROM CONTROLLING OBSTRUCTIONS.
7. ADDED PAT 1, 200 AIRSPEED, 1207 MSL TOWER (29-002028) (2C) TO CONTROLLING OBSTRUCTIONS.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: LORRI DOWNEY
APPROVED BY:	DATE: 05/19/2022	OFFICE: AJV-A430	NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*  
**JON DENTON**  
Feb 11, 2022



# RADIO FIX AND HOLDING DATA RECORD

NAME: HALLSVILLE VORTAC STATE: MO COUNTRY: US ICAO REGION CODE: K3  
 LATITUDE/LONGITUDE: 390648.75N/0920741.64W 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	HALLSVILLE	HLV	VORTAC	L						1200	45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	HLV	VORTAC	247.00	067.00	R	1		3000	14000	4	10

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (29-002002)	390052.00N/0921633.00W	1884	2C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAG VAR: 6E/1965

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	OZARK			KALN	ALTON/ST LOUIS	IL (US)
DP	OZARK			KBLV	BELLEVILLE	IL (US)
DP	OZARK			KPCS	CAHOKIA/ST LOUIS	IL (US)
DP	BRAKK (RNAV)			KSTL	ST LOUIS	MO (US)
DP	OZARK			KSTL	ST LOUIS	MO (US)
DP	OZARK			KSUS	ST LOUIS	MO (US)
EN ROUTE	J181					(US)
EN ROUTE	T272					(US)
EN ROUTE	T397					(US)
EN ROUTE	V175					(US)
EN ROUTE	V178					(US)
EN ROUTE	V239					(US)
EN ROUTE	V4					(US)
EN ROUTE	V63					(US)
IAP	VOR-A			KVER	BOONVILLE	MO (US)
IAP	ILS OR LOC RWY 2			KCOU	COLUMBIA	MO (US)
IAP	VOR RWY 13			KCOU	COLUMBIA	MO (US)
IAP	VOR Y RWY 20			KCOU	COLUMBIA	MO (US)
IAP	VOR Z RWY 20			KCOU	COLUMBIA	MO (US)
IAP	RNAV (GPS) RWY 18			KFTT	FULTON	MO (US)
IAP	RNAV (GPS) RWY 24			KFTT	FULTON	MO (US)
IAP	RNAV (GPS) RWY 6			KFTT	FULTON	MO (US)
IAP	VOR-A			KFTT	FULTON	MO (US)
IAP	RNAV (GPS) RWY 2			K89	MACON	MO (US)
IAP	LOC/DME RWY 24		1	KMYJ	MEXICO	MO (US)
IAP	RNAV (GPS) RWY 6			KMYJ	MEXICO	MO (US)
IAP	VOR/DME RWY 24			KMYJ	MEXICO	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 DATE OF REVISION: 05/19/2022

## REASON FOR REVISION:

1. ADDED KCOU ILS OR LOC RWY 2 TO FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: LORRI DOWNEY  
 APPROVED BY: DATE: 05/19/2022 OFFICE: AJV-A430 NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*  
**JON DENTON**  
 Feb 11, 2022

