

# RADIO FIX AND HOLDING DATA RECORD

NAME: BEART

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 384535.04N/0901239.30W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	EEMOS (RNAV)			KSTL	ST LOUIS	MO (US)
DP	KSHEE (RNAV)			KSTL	ST LOUIS	MO (US)
DP	NATCA (RNAV)			KSTL	ST LOUIS	MO (US)
DP	ROTRY (RNAV)			KSTL	ST LOUIS	MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG      DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/09/2012

OFFICE: AJV-353

NAME: JILL OLSON (STEVE NELSON)

APPROVED BY:

DATE: 08/27/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
 FPO: CEN  
 ARTCC: ZKC  
 ATC FACILITY: STL APP CON  
 OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: BRADFORD VORTAC

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410935.03N/0893516.34W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	BRADFORD	BDF	VORTAC	H						45000

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

## 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	BDF	VORTAC	246.86	066.86	R	1		2600 45000	4 29
2	W	WP	WP	249.39	069.39	R		9	5000 45000	13 30

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (17-020039)	410355.47N/0893659.50W	1290	4D
2	200	WINDMILL (17-003446)	411426.87N/0893401.85W	1359	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 WP HOLDING EVALUATED FOR 9 DME LEGS AT ATC REQUEST.  
 ASSIGNED FACILITY MAGVAR: E0/1995.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PAL-WAUKEE			KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
DP	ROTRY (RNAV)			KSTL	ST LOUIS	MO (US)
EN ROUTE	J181					(US)
EN ROUTE	J26		1			(US)
EN ROUTE	J64					(US)
EN ROUTE	MAROC					(US)
EN ROUTE	V10		1			(US)
EN ROUTE	V156					(US)
EN ROUTE	V262					(US)
IAP	RNAV (GPS) RWY 21			KGBG	GALESBURG	IL (US)
IAP	RNAV (GPS) RWY 27			KEZI	KEWANEE	IL (US)
IAP	VOR/DME OR TACAN RWY 31			KPIA	PEORIA	IL (US)
IAP	RNAV (GPS) RWY 18			KVYS	PERU	IL (US)
IAP	RNAV (GPS) RWY 36			KVYS	PERU	IL (US)
STAR	BENKY (RNAV)		2	KORD	CHICAGO	IL (US)
STAR	BRADFORD		1	KORD	CHICAGO	IL (US)
STAR	SHAIN (RNAV)		2	KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 36

DATE OF REVISION: 06/12/2025

## REASON FOR REVISION:

REMOVED HOLD PAT 2 AND CONTROLLING OBSTRUCTION. HOLD PAT 3 REDESIGNATED HOLD PAT 2.  
 REMOVED KC75 VOR RWY 13 AND KSQI LOC BC RWY 7 FROM FIX USE.  
 CHANGED KORD BENKY (RNAV) AND SHAIN (RNAV) HOLDING USAGE FROM PAT 3 TO PAT 2 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: HOWARD HAWKINS

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

## RADIO FIX AND HOLDING DATA RECORD

NAME: DSAPP

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385001.06N/0902638.98W

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

DP  
DP  
DP  
DP  
DP  
DP  
DPEEMOS (RNAV)  
JHART (RNAV)  
KSHEE (RNAV)  
NATCA (RNAV)  
ROTRY (RNAV)  
TEDDD (RNAV)KSTL  
KSTL  
KSTL  
KSTL  
KSTL  
KSTL  
KSTLST LOUIS  
ST LOUIS  
ST LOUIS  
ST LOUIS  
ST LOUIS  
ST LOUIS  
ST LOUISMO (US)  
MO (US)  
MO (US)  
MO (US)  
MO (US)  
MO (US)  
MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/09/2012

OFFICE: AJV-353

NAME: JILL OLSON (STEVE NELSON)

APPROVED BY:

DATE: 08/27/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZKC  
ATC FACILITY: STL APP CON  
OTHER:

## RADIO FIX AND HOLDING DATA RECORD

NAME: FUNKE

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 384339.26N/0901535.58W

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

DP EEMOS (RNAV)  
DP JHART (RNAV)  
DP KSHEE (RNAV)  
DP NATCA (RNAV)  
DP ROTRY (RNAV)  
DP TEDDD (RNAV)

KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS

MO (US)  
MO (US)  
MO (US)  
MO (US)  
MO (US)  
MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/09/2012

OFFICE: AJV-353

NAME: JILL OLSON (STEVE NELSON)

APPROVED BY:

DATE: 08/27/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZKC  
ATC FACILITY: STL APP CON  
OTHER:

# **RADIO FIX AND HOLDING DATA RECORD**

**NAME:** GMSKI

**STATE:** MO

**COUNTRY:** US

**ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 385005.28N/0901243.23W

**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**

DP

EEMOS (RNAV)

KSTL

ST LOUIS

MO (US)

DP

KSHEE (RNAV)

KSTL

ST LOUIS

MO (US)

DP

ROTRY (RNAV)

KSTL

ST LOUIS

MO (US)

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 09/20/2012

**INITIATED BY:**
**DATE:**
**ORGANIZATION:**
**NAME:**
**DEVELOPED BY:**
**DATE:** 04/09/2012

**OFFICE:** AJV-353

**NAME:** JILL OLSON (STEVE NELSON)

**APPROVED BY:**
**DATE:** 08/27/2012

**OFFICE:** AJV-353

**NAME:** LARRY STROUT

**SIGNATURE:**
**DISTRIBUTION:**
**NFDC**
**FPO:** CEN

**ARTCC:** ZKC

**ATC FACILITY:** STL APP CON

**OTHER:**

# **RADIO FIX AND HOLDING DATA RECORD**

**NAME:** ROTRY **STATE:** IL **COUNTRY:** US **ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 392237.69N/0901311.88W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** MODIFY

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

<b>FIX USE:</b>						
<b>USE TYPE</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
DP	ROTRY (RNAV)			KSTL	ST LOUIS	MO (US)

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 06/27/2013

**REASON FOR REVISION:**  
STATE CHANGES FROM MO TO IL.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	<b>DATE:</b> 12/14/2012	<b>OFFICE:</b> AJV-353	<b>NAME:</b> JILL OLSON (ROSS BARTO)
<b>APPROVED BY:</b>	<b>DATE:</b>	<b>OFFICE:</b> AJV-353	<b>NAME:</b> LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZKC  
ATC FACILITY: STL APP CON  
OTHER:

## RADIO FIX AND HOLDING DATA RECORD

NAME: WOLTR

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 384941.32N/0902503.02W

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

DP EEMOS (RNAV)  
DP JHART (RNAV)  
DP KSHEE (RNAV)  
DP NATCA (RNAV)  
DP ROTRY (RNAV)  
DP TEDDD (RNAV)

KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS

MO (US)  
MO (US)  
MO (US)  
MO (US)  
MO (US)  
MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/09/2012

OFFICE: AJV-353

NAME: JILL OLSON (STEVE NELSON)

APPROVED BY:

DATE: 08/27/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZKC  
ATC FACILITY: STL APP CON  
OTHER: