

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ALMAC

**STATE:** MO

**COUNTRY:** US

**ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 383652.64N/0901923.26W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**REMARKS:**

FIX DEVELOPED USING IPDS, ACTUAL COORDINATES: 383652.639N/0901923.259W

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**

RNAV (RNP) Z RWY 30L

**FAC**

**PAT**

**AIRPORT IDENT**

KSTL

**CITY**

ST LOUIS

**STATE**

MO (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

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

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 04/24/2012

**OFFICE:** AJV-353

**NAME:** JON DENTON

**APPROVED BY:**

**DATE:** 09/04/2012

**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: BUSSO

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 383411.56N/0900849.52W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**  
**USE TYPE**

**USE TITLE**

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

IAP RNAV (RNP) Z RWY 29  
IAP RNAV (RNP) Z RWY 30L  
IAP RNAV (RNP) Z RWY 30R

KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/24/2012

OFFICE: AJV-353

NAME: JON DENTON

APPROVED BY:

DATE: 09/04/2012

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:** CFBPQ

**STATE:** MO

**COUNTRY:** US

**ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 383916.44N/0901727.60W

**TYPE:** CNF

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**REMARKS:**

FIX DEVELOPED USING IPDS, ACTUAL COORDINATES: 383916.438N/0901727.596W

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (RNP) RWY 30L

**FAC**

**PAT**

**AIRPORT IDENT**  
KSTL

**CITY**  
ST LOUIS

**STATE**  
MO (US)

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

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

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 04/19/2012

**OFFICE:** AJV-353

**NAME:** JON DENTON

**APPROVED BY:**

**DATE:** 09/04/2012

**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:** CFPTW

**STATE:** MO

**COUNTRY:** US

**ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 384324.12N/0901244.56W

**TYPE:** CNF

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**REMARKS:**

FIX DEVELOPED USING IPDS, ACTUAL COORDINATES: 384324.116N/0901244.561W

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (RNP) Z RWY 30L

**FAC**

**PAT**

**AIRPORT IDENT**  
KSTL

**CITY**  
ST LOUIS

**STATE**  
MO (US)

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

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

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 04/16/2012

**OFFICE:** AJV-353

**NAME:** JON DENTON

**APPROVED BY:**

**DATE:** 09/04/2012

**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: DOBLZ

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 384537.25N/0901056.24W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

**USE TYPE**

**USE TITLE**

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

IAP RNAV (RNP) Z RWY 29  
IAP RNAV (RNP) Z RWY 30L  
IAP RNAV (RNP) Z RWY 30R  
STAR LORLE (RNAV)

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

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

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/15/2012

**REASON FOR REVISION:**

ADDED STAR TO CHARTING.  
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/19/2012

OFFICE: AJV-353

NAME: JON DENTON

APPROVED BY:

DATE: 11/05/2012

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:** FDRKO

**STATE:** IL

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 384301.78N/0895648.80W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**

**USE TITLE**

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

IAP RNAV (RNP) Z RWY 29  
IAP RNAV (RNP) Z RWY 30L  
IAP RNAV (RNP) Z RWY 30R  
STAR AARCH (RNAV)

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

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

**REQUIRED CHARTING:** STAR, IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**

ADDED STAR TO CHARTING.  
UPDATED FIX USE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 07/13/2012

**OFFICE:** AJV-353

**NAME:** JON DENTON

**APPROVED BY:**

**DATE:** 11/05/2012

**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: FONTI STATE: IL COUNTRY: US ICAO REGION CODE: K5  
 LATITUDE/LONGITUDE: 383720.99N/0900648.85W TYPE: WP, 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	ST LOUIS	I-BKY	LOC		123.20	122.20		14.92	2600	6000
2	TROY	TOY	VORTAC	L	228.71	232.71	11.52	11.52	2600	17500
3	ST LOUIS	STL	VORTAC	H	128.40	129.40	22.44	22.44	2600	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-BKY	LOC	R-123	15	4500	6000

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	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	STL	VORTAC	128.40	308.40	R	1-1 1/2		5000	17500	8	17
2	SE		WP	129.40	309.40	R		6	5000	6000	8	8

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	ARCH (29-000289)	383729.00N/0901108.00W	1075	3C
1	310	ARCH (29-000289)	383729.00N/0901108.00W	1075	3C
2	230	ARCH (29-000289)	383729.00N/0901108.00W	1075	3C
2	310	ARCH (29-000289)	383729.00N/0901108.00W	1075	3C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 12R	KSTL	ST LOUIS	MO (US)
1	TACAN RWY 12R	KSTL	ST LOUIS	MO (US)
2	RNAV (GPS) Y RWY 12R	KSTL	ST LOUIS	MO (US)
2	RNAV (RNP) Z RWY 12R	KSTL	ST LOUIS	MO (US)

## REMARKS:

ST LOUIS (FAC 1) AND TROY (FAC 2) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 HOLDING EVALUATED AT 230 KIAS TO SUPPORT MILITARY OPERATIONS.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V238	1, 2, 3				(US)
IAP	ILS OR LOC RWY 12R	2, 3	1	KSTL	ST LOUIS	MO (US)
IAP	ILS OR LOC RWY 30L	1, 2, 3		KSTL	ST LOUIS	MO (US)
IAP	RNAV (GPS) Y RWY 12R		2	KSTL	ST LOUIS	MO (US)
IAP	RNAV (GPS) Y RWY 30L			KSTL	ST LOUIS	MO (US)
IAP	RNAV (RNP) Z RWY 12R		2	KSTL	ST LOUIS	MO (US)
IAP	RNAV (RNP) Z RWY 30L			KSTL	ST LOUIS	MO (US)
IAP	TACAN RWY 12R	2, 3	1	KSTL	ST LOUIS	MO (US)

REQUIRED CHARTING: MILITARY IAP, IAP, AREA, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 01/03/2019

## REASON FOR REVISION:

- ADDED WP TO FIX TYPE.
- AMENDED FAC 1 (I-BKY) DIST FROM FAC FROM 14.87 TO 14.92.
- AMENDED FAC 2 (TOY VORTAC) MAG BRG FROM 228.70 TO 228.71.
- DELETED CONTROLLER FROM REQUIRED CHARTING.
- ADDED CONTROLLER LOW TO REQUIRED CHARTING.
- AMENDED RNAV (GPS) RWY 12R TO RNAV (GPS) Y RWY 12R AT KSTL IN FIX USE.
- AMENDED RNAV (GPS) RWY 30L TO RNAV (GPS) Y RWY 30L AT KSTL IN FIX USE.
- ADDED REMARK: HOLDING EVALUATED AT 230 KIAS TO SUPPORT MILITARY OPERATIONS.

11/27/2018 THIS IS A CORRECTED COPY OF THE FORM SIGNED 10/17/2018.  
 ADDED MILITARY IAP TO REQUIRED CHARTING.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-5422	<b>NAME:</b> PETER GUIMOND
<b>APPROVED BY:</b>	<b>DATE:</b>	<b>OFFICE:</b> AJV-5420	<b>NAME:</b> JULIE MORGAN
	<b>SIGNATURE:</b>		
<b>DISTRIBUTION:</b>	<b>NFDC</b> <b>FPO:</b> CEN <b>ARTCC:</b> ZKC <b>ATC FACILITY:</b> STL APP CON <b>OTHER:</b>		



# RADIO FIX AND HOLDING DATA RECORD

NAME: JYAAR

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 384714.04N/0901410.33W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

**USE TITLE**

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

IAP RNAV (RNP) Z RWY 29  
IAP RNAV (RNP) Z RWY 30L  
IAP RNAV (RNP) Z RWY 30R  
STAR LORLE (RNAV)

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

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/10/2012

OFFICE: AJV-353

NAME: JON DENTON

APPROVED BY:

DATE: 09/04/2012

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:** KAACE

**STATE:** IL

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 383503.70N/0900213.34W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**FIX USE:**  
**USE TYPE**  
IAP

**USE TITLE**  
RNAV (RNP) Z RWY 30L

**FAC**

**PAT**

**AIRPORT IDENT**  
KSTL

**CITY**  
ST LOUIS

**STATE**  
MO (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

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

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 04/24/2012

**OFFICE:** AJV-353

**NAME:** JON DENTON

**APPROVED BY:**

**DATE:** 09/04/2012

**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: LIZZK

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 384110.70N/0901432.27W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**REMARKS:**

FIX DEVELOPED USING IPDS, ACTUAL COORDINATES: 384110.704N/0901432.270W

**FIX USE:**

USE TYPE  
IAP

USE TITLE

RNAV (RNP) Z RWY 30L

FAC

PAT

AIRPORT IDENT

KSTL

CITY

ST LOUIS

STATE

MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/16/2012

OFFICE: AJV-353

NAME: JON DENTON

APPROVED BY:

DATE: 09/04/2012

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: PEJAA

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 383832.10N/0902244.45W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**  
**USE TYPE**

**USE TITLE**

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

IAP RNAV (RNP) Z RWY 29  
IAP RNAV (RNP) Z RWY 30L  
IAP RNAV (RNP) Z RWY 30R  
STAR KAYLA (RNAV)

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

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/10/2012

OFFICE: AJV-353

NAME: JON DENTON

APPROVED BY:

DATE: 09/04/2012

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: SAYIT

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 384140.24N/0901531.88W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**REMARKS:**

PFAF DETERMINED IAW FAAO 8260.54A FORMULA 2-16B.

FIX DEVELOPED USING IPDS, ACTUAL COORDINATES: 384140.240N/0901531.875W

**FIX USE:**

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP

RNAV (RNP) Z RWY 30L

KSTL

ST LOUIS

MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/16/2012

OFFICE: AJV-353

NAME: JON DENTON

APPROVED BY:

DATE: 09/04/2012

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: SHREC

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 384056.71N/0900404.75W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:  
USE TYPE**

**USE TITLE**

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

IAP RNAV (RNP) Z RWY 29  
IAP RNAV (RNP) Z RWY 30L  
IAP RNAV (RNP) Z RWY 30R

KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/20/2012

OFFICE: AJV-353

NAME: JON DENTON

APPROVED BY:

DATE: 09/04/2012

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:** SLAYY

**STATE:** MO

**COUNTRY:** US

**ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 383748.23N/0901422.26W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**REMARKS:**

FIX DEVELOPED USING IPDS, ACTUAL COORDINATES: 383748.231N/0901422.259W

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**

RNAV (RNP) Z RWY 30L

**FAC**

**PAT**

**AIRPORT IDENT**

KSTL

**CITY**

ST LOUIS

**STATE**

MO (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

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

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 04/24/2012

**OFFICE:** AJV-353

**NAME:** JON DENTON

**APPROVED BY:**

**DATE:** 09/04/2012

**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: TEEBE

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 382136.62N/0900541.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**  
**USE TYPE**

**USE TITLE**

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

IAP RNAV (RNP) Z RWY 29  
IAP RNAV (RNP) Z RWY 30L  
IAP RNAV (RNP) Z RWY 30R  
STAR BOOSH (RNAV)

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

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/24/2012

OFFICE: AJV-353

NAME: JON DENTON

APPROVED BY:

DATE: 09/04/2012

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: TUDNE STATE: MO COUNTRY: US ICAO REGION CODE: K3  
 LATITUDE/LONGITUDE: 384812.85N/0902848.30W TYPE: WP, 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	ST LOUIS	I-LMR	LOC/DME		303.21	302.21	7.56	7.59	2400	5000
2	ST LOUIS	STL	VORTAC	H	177.21	178.21		3.43	2400	17500

HOLDING: HOLDING TYPE OF ACTION: ESTABLISH

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW		WP	303.20	123.20	L	4	3000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (29-000371)	384630.66N/0903048.25W	921	1A
1	310	TOWER (17-001582)	390014.00N/0902958.00W	1150	5E

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) Y RWY 30L	KSTL	ST LOUIS	MO (US)
1	RNAV (RNP) Z RWY 30L	KSTL	ST LOUIS	MO (US)

## REMARKS:

ST LOUIS (FAC 1) AND ST LOUIS (FAC 2) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETE.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 12R	1, 2		KSTL	ST LOUIS	MO (US)
IAP	RNAV (GPS) Y RWY 12R			KSTL	ST LOUIS	MO (US)
IAP	RNAV (GPS) Y RWY 30L		1	KSTL	ST LOUIS	MO (US)
IAP	RNAV (RNP) Z RWY 30L		1	KSTL	ST LOUIS	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 03/26/2020

## REASON FOR REVISION:

ADDED FAC 1 AND 2 INFO.  
 ADDED INT, DME, AND RADAR TO FIX TYPE.  
 UPDATED FIX USE, ADDED KSTL RNAV (GPS) Y RWY 30L, RNAV (RNP) Z RWY 30L, AND ILS OR LOC RWY 12R.  
 ADDED PATTERN 1 INFO.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: PHILLIP BRANDENBURG  
 APPROVED BY: DATE: OFFICE: AJV-A420 NAME: MARLON ROBINSON

SIGNATURE:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZETGO

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 383912.04N/0901032.60W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

IAP

IAP

**USE TITLE**

RNAV (GPS) Y RWY 30L

RNAV (RNP) Z RWY 30L

**FAC**

**PAT**

**AIRPORT IDENT**

KSTL

KSTL

**CITY**

ST LOUIS

ST LOUIS

**STATE**

MO (US)

MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/30/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/03/2011

OFFICE: AVN-120

NAME: BETTY RICHARDS

APPROVED BY:

DATE: 05/03/2011

OFFICE: AVN-120

NAME: GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZKC

ATC FACILITY: STL APP CON

OTHER: