

# RADIO FIX AND HOLDING DATA RECORD

INFORMATION ONLY

NAME: ANNII

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385252.69N/0902322.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP JHART (RNAV)  
DP NATCA (RNAV)  
DP TEDDD (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

KSTL ST LOUIS  
KSTL ST LOUIS  
KSTL ST LOUIS

**STATE**

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: BIBLE GROVE VORTAC

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 385513.24N/0882854.50W

TYPE:

AIRSPACE DOCKET: 20-ACE-26

FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA FEET	MAA
1	BIBLE GROVE	BIB	VORTAC	L						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	S	BIB	VORTAC	161.02	341.02	L	1	2300 6000	4 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	385821.00N/0882639.00W	768	4E

## REASON FOR NONSTANDARD HOLDING:

PAT 1 COMPATIBLE WITH PROCEDURE TURN AT EFFINGHAM

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
BIB MAGVAR 3E/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			KPCS	CAHOKIA/ST LOUIS	IL (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	T354					(US)
EN ROUTE	V12					(US)
EN ROUTE	V221					(US)
EN ROUTE	V72					(US)
IAP	RNAV (GPS) RWY 11			K1H2	EFFINGHAM	IL (US)
IAP	LOC/DME RWY 21		1	KFOA	FLORA	IL (US)
IAP	RNAV (GPS) RWY 21			KFOA	FLORA	IL (US)
IAP	ILS OR LOC RWY 29			KMTO	MATTOON/CHARLESTON	IL (US)
IAP	ILS OR LOC RWY 23			KMVN	MOUNT VERNON	IL (US)
IAP	LOC RWY 11		1	KOLY	OLNEY/NOBLE	IL (US)
IAP	NDB RWY 4			KOLY	OLNEY/NOBLE	IL (US)
IAP	RNAV (GPS) RWY 9			KRSV	ROBINSON	IL (US)
IAP	RNAV (GPS) RWY 36			K2H0	SHELBYVILLE	IL (US)
STAR	RACYR			KEYE	INDIANAPOLIS	IN (US)
STAR	RACYR			KHFY	INDIANAPOLIS	IN (US)
STAR	RACYR			KIND	INDIANAPOLIS	IN (US)
STAR	RACYR			KMQJ	INDIANAPOLIS	IN (US)
STAR	RACYR			KTYQ	INDIANAPOLIS	IN (US)
STAR	RACYR			KUMP	INDIANAPOLIS	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 06/17/2021

## REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET NUMBER 20-ACE-26.
2. FIX USE: REMOVED V429.
3. FIX USE: CHANGED IAP RNAV (GPS) RWY 09 TO RWY 9 AT KRSV.
4. FIX USE: ADDED IAP RNAV (GPS) RWY 11 AT K1H2.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

**APPROVED BY:****DATE:****OFFICE:** AJV-A430**NAME:** LONNIE EVERHART**SIGNATURE:****DISTRIBUTION:****NFDC**  
**FPO:** CEN  
**ARTCC:** ZKC  
**ATC FACILITY:**  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

INFORMATION ONLY

NAME: BRICKYARD VORTAC

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 394853.02N/0862203.00W

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	BRICKYARD	VHP	VORTAC	H							45000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	W	VHP	VORTAC	256.00	076.00	L	1		2600	10000	4	9
2	S	VHP	VORTAC	202.00	022.00	L	1		2700	10000	4	9
3	NW		WP	311.00	131.00	R		4	3000	6000	5	6
4	W	VHP	VORTAC	272.00	092.00	L	1 1/2		15000	24000	15	19

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001084)	394807.78N/0863427.09W	1526	4D
2	200	TOWER (18-001377)	395146.32N/0862648.60W	1190	1A
3	200	TOWER (18-002004)	395455.44N/0862338.47W	1251	5D
4	265	TOWER (18-001444)	395325.00N/0861220.00W	1866	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 COMPATIBILITY WITH PROCEDURE TURN.

PAT 2 ATC REQUEST.

PAT 4 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING RESTRICTED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ASSIGNED FACILITY MAGVAR: 1 DEGREE EAST (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			KPCS	CAHOKIA/ST LOUIS	IL (US)
DP	DAWNN			KEYE	INDIANAPOLIS	IN (US)
DP	HOOSIER			KEYE	INDIANAPOLIS	IN (US)
DP	MAREO			KEYE	INDIANAPOLIS	IN (US)
DP	MEARZ			KEYE	INDIANAPOLIS	IN (US)
DP	ROCKY			KEYE	INDIANAPOLIS	IN (US)
DP	DAWNN			KHfy	INDIANAPOLIS	IN (US)
DP	HOOSIER			KHfy	INDIANAPOLIS	IN (US)
DP	MAREO			KHfy	INDIANAPOLIS	IN (US)
DP	MEARZ			KHfy	INDIANAPOLIS	IN (US)
DP	ROCKY			KHfy	INDIANAPOLIS	IN (US)
DP	DAWNN			KIND	INDIANAPOLIS	IN (US)
DP	HOOSIER			KIND	INDIANAPOLIS	IN (US)
DP	INDY			KIND	INDIANAPOLIS	IN (US)
DP	MAREO			KIND	INDIANAPOLIS	IN (US)
DP	MEARZ			KIND	INDIANAPOLIS	IN (US)
DP	ROCKY			KIND	INDIANAPOLIS	IN (US)
DP	DAWNN			KMQJ	INDIANAPOLIS	IN (US)
DP	HOOSIER			KMQJ	INDIANAPOLIS	IN (US)
DP	MAREO			KMQJ	INDIANAPOLIS	IN (US)
DP	MEARZ			KMQJ	INDIANAPOLIS	IN (US)
DP	ROCKY			KMQJ	INDIANAPOLIS	IN (US)
DP	DAWNN			KTYQ	INDIANAPOLIS	IN (US)
DP	HOOSIER			KTYQ	INDIANAPOLIS	IN (US)
DP	MAREO			KTYQ	INDIANAPOLIS	IN (US)
DP	MEARZ			KTYQ	INDIANAPOLIS	IN (US)
DP	ROCKY			KTYQ	INDIANAPOLIS	IN (US)
DP	DAWNN			KUMP	INDIANAPOLIS	IN (US)
DP	HOOSIER			KUMP	INDIANAPOLIS	IN (US)
DP	MAREO			KUMP	INDIANAPOLIS	IN (US)
DP	MEARZ			KUMP	INDIANAPOLIS	IN (US)
DP	ROCKY			KUMP	INDIANAPOLIS	IN (US)
DP	DAWNN			KGEZ	SHELBYVILLE	IN (US)
DP	HOOSIER			KGEZ	SHELBYVILLE	IN (US)
DP	MAREO			KGEZ	SHELBYVILLE	IN (US)
DP	MEARZ			KGEZ	SHELBYVILLE	IN (US)
DP	ROCKY			KGEZ	SHELBYVILLE	IN (US)

DP	LOVEY (RNAV)	KCVG	COVINGTON	KY (US)
DP	WHITEWATER	KCVG	COVINGTON	KY (US)
DP	GATEWAY	KSTL	ST LOUIS	MO (US)
DP	JHART (RNAV)	KSTL	ST LOUIS	MO (US)
DP	GATEWAY	KSUS	ST LOUIS	MO (US)
DP	DAYTON	KDAY	DAYTON	OH (US)
DP	NASHVILLE	KBNA	NASHVILLE	TN (US)
EN ROUTE	J110			(US)
EN ROUTE	J24			(US)
EN ROUTE	J80			(US)
EN ROUTE	V11			(US)
EN ROUTE	V128			(US)
EN ROUTE	V14			(US)
EN ROUTE	V192			(US)
EN ROUTE	V210			(US)
EN ROUTE	V24			(US)
EN ROUTE	V285			(US)
EN ROUTE	V305			(US)
EN ROUTE	V399			(US)
EN ROUTE	V434			(US)
EN ROUTE	V50			(US)
EN ROUTE	V53			(US)
EN ROUTE	V96			(US)
IAP	ILS OR LOC/DME RWY 35	KBMG	BLOOMINGTON	IN (US)
IAP	NDB RWY 4	KCFJ	CRAWFORDSVILLE	IN (US)
IAP	RNAV (GPS) RWY 18	KGPC	GREENCASTLE	IN (US)
IAP	VOR-A	KGPC	GREENCASTLE	IN (US)
IAP	COPTER RNAV (GPS) 291	3 K8A4	INDIANAPOLIS	IN (US)
IAP	LOC RWY 21	KEYE	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 21	KEYE	INDIANAPOLIS	IN (US)
IAP	VOR-A	1 KEYE	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 23R	KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 32	KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 5L	KIND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 5R	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23R (SA CAT I)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23R (SA CAT II)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (CAT II)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (CAT III)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (SA CAT I)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (CAT II)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (CAT III)	KIND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (SA CAT I)	KIND	INDIANAPOLIS	IN (US)
IAP	VOR RWY 34	KMQJ	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 36	KTYQ	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 36	KTYQ	INDIANAPOLIS	IN (US)
IAP	VOR RWY 18	2 KTYQ	INDIANAPOLIS	IN (US)
IAP	NDB RWY 15	KUMP	INDIANAPOLIS	IN (US)
IAP	VOR RWY 33	KUMP	INDIANAPOLIS	IN (US)
STAR	RACYR	KEYE	INDIANAPOLIS	IN (US)
STAR	RACYR	KHFX	INDIANAPOLIS	IN (US)
STAR	RACYR	KIND	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	4 KCVG	COVINGTON	KY (US)
STAR	SHELBYVILLE	4 KK62	FALMOUTH	KY (US)
STAR	AARCH (RNAV)	KSTL	ST LOUIS	MO (US)
STAR	VANDALIA	KSTL	ST LOUIS	MO (US)
STAR	SHELBYVILLE	4 KI69	BATAVIA	OH (US)
STAR	SHELBYVILLE	4 KLUK	CINCINNATI	OH (US)
STAR	GUNNE	KCMH	COLUMBUS	OH (US)
STAR	GUNNE	KLCK	COLUMBUS	OH (US)
STAR	GUNNE	KOSU	COLUMBUS	OH (US)
STAR	GUNNE	KTZR	COLUMBUS	OH (US)
STAR	SHELBYVILLE	4 KHAO	HAMILTON	OH (US)
STAR	GUNNE	KLHQ	LANCASTER	OH (US)
STAR	GUNNE	KVTA	NEWARK	OH (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 32

**DATE OF REVISION:** 12/31/2020

**REASON FOR REVISION:**

PAT 1 CONTROLLING OBS: CHANGED TOWER ELEV FROM 1530 TO 1526, LAT/LONG FROM 394806.00N/0863424.00W TO 394807.78N/0863427.09W, AND AC 5D TO 4D.

REPULLED PAT 3 CONTROLLING OBS RESULTING IN ELEVATION LOWERING FROM 1268 TO 1251 AND SLIGHT LAT/LONG CHANGE FROM 395455.00N/0862338.00W TO 395455.44N/0862338.47W.

REMOVED UNPLANNED HOLDING OBS AND ASSOCIATED HOLDING RESTRICTION.

ADDED DP, CONTROLLER LOW, AND CONTROLLER HIGH TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RALPH DUMAR

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: FTW

ARTCC: ZID

ATC FACILITY: IND APP CON

OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: CREEP

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 395515.28N/0841831.41W

TYPE: WP, INT, 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 NM	FAC FEET	MRA	MAA
1	BRICKYARD	VHP	VORTAC	H	084.51	085.51	95.32	95.32		18000	45000
2	ROSEWOOD	ROD	VORTAC	H	214.16	209.16	25.17	25.17		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

BRICKYARD (FAC 1) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GATEWAY	1, 2		KALN	ALTON/ST LOUIS	IL (US)
DP	GATEWAY	1, 2		KBLV	BELLEVILLE	IL (US)
DP	GATEWAY	1, 2		KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	GATEWAY	1, 2		KSTL	ST LOUIS	MO (US)
DP	JHART (RNAV)			KSTL	ST LOUIS	MO (US)
DP	GATEWAY	1, 2		KSUS	ST LOUIS	MO (US)
EN ROUTE	J110	1, 2				(US)
EN ROUTE	J39	1, 2				(US)
EN ROUTE	J80	1, 2				(US)
EN ROUTE	Q29					(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 03/31/2016

## REASON FOR REVISION:

CHANGED FAC 2 TRUE BRG FROM 209.15 TO 209.16.  
 ADDED FAC 1 TO FIX USE FOR AIRPORTS USING GATEWAY DEPARTURE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/09/2015

OFFICE: AJV-5422

NAME: STEPHEN PETERSON

APPROVED BY:

DATE: 02/04/2016

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC  
 FPO: CEN  
 ARTCC: ZID  
 ATC FACILITY:  
 OTHER:

## RADIO FIX AND HOLDING DATA RECORD

NAME: DOBLR

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 385031.91N/0890710.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DPUSE TITLE  
JHART (RNAV)

FAC

PAT

AIRPORT IDENT  
KSTLCITY  
ST LOUISSTATE  
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: 04/10/2012

OFFICE: AJV-353

NAME: JILL OLSON

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: DSAPP

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385001.06N/0902638.98W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX USE:

## USE TYPE

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

## FAC PAT

## AIRPORT IDENT

## CITY

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

## STATE

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

## FIX USE:

## USE TYPE

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

## FAC PAT

AIRPORT IDENT	CITY
KSTL	ST LOUIS
KSTL	ST LOUIS
KSTL	ST LOUIS
KSTL	ST LOUIS
KSTL	ST LOUIS
KSTL	ST LOUIS

## STATE

MO (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: JHART

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 384732.80N/0893039.12W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DPUSE TITLE  
JHART (RNAV)

FAC

PAT

AIRPORT IDENT  
KSTLCITY  
ST LOUISSTATE  
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: 04/10/2012

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: KAEYE

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385323.93N/0901343.89W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX USE:

## USE TYPE

DP  
DP

## USE TITLE

JHART (RNAV)  
TEDDD (RNAV)

## FAC

## PAT

## AIRPORT IDENT

KSTL  
KSTL

## CITY

ST LOUIS  
ST LOUIS

## STATE

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: 04/10/2012

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: LENXX

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385404.00N/0901846.99W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX USE:

## USE TYPE

DP  
DP

## USE TITLE

JHART (RNAV)  
TEDDD (RNAV)

## FAC

## PAT

## AIRPORT IDENT

KSTL  
KSTL

## CITY

ST LOUIS  
ST LOUIS

## STATE

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: 04/10/2012

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

INFORMATION ONLY

NAME: RAMKR

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 384337.54N/0901136.78W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE

DP  
DP

USE TITLE

JHART (RNAV)  
TEDDD (RNAV)

FAC

PAT

AIRPORT IDENT

KSTL  
KSTL

CITY

ST LOUIS  
ST LOUIS

STATE

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: 04/10/2012

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

INFORMATION ONLY

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

## FIX USE:

### USE TYPE

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

### FAC PAT

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

### CITY

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: WORKE

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 390702.95N/0874625.21W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	BIBLE GROVE	BIB	VORTAC	L	067.14	070.14	35.16	35.16		2300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GATEWAY	1		KALN	ALTON/ST LOUIS	IL (US)
DP	GATEWAY	1		KBLV	BELLEVILLE	IL (US)
DP	GATEWAY	1		KCPD	CAHOKIA/ST LOUIS	IL (US)
DP	GATEWAY	1		KSTL	ST LOUIS	MO (US)
DP	JHART (RNAV)			KSTL	ST LOUIS	MO (US)
DP	GATEWAY	1		KSUS	ST LOUIS	MO (US)
EN ROUTE	V12	1				(US)
IAP	RNAV (GPS) RWY 4			K1H8	CASEY	IL (US)
IAP	ILS OR LOC RWY 5			KHUF	TERRE HAUTE	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 01/03/2019

## REASON FOR REVISION:

DELETED INT FROM FIX TYPE.  
 DELETED FAC 2 (MTO) FROM FIX MAKE-UP.  
 DELETED IN REMARKS: BIBLE GROVE (FAC 1) AND MATTOON (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
 REMOVED FAC 2 FROM V12 AND GATEWAY DP IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5400

NAME: LONNIE EVERHART

APPROVED BY:

DATE:

OFFICE: AJV-5400

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
 FPO: CEN  
 ARTCC: ZID  
 ATC FACILITY: HUF APP CON  
 OTHER: