

# RADIO FIX AND HOLDING DATA RECORD

NAME: KLAIR

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 382440.35N/0910936.76W

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	FEET	MRA	MAA
1	ST LOUIS	STL	VORTAC	VH	229.00	230.00	41.73	41.73		3000	17500
2	VICHY	VIH	VOR/DME	L	053.00	059.00	30.07	30.07		2800	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
STL	VORTAC	R-229	42	3000	5500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

TWO ESVS FOR STL TACAN AND VOR: TACAN (H) R-229 42 NM 3000-15000; VOR (VH) R-229 42 NM 3000-5500.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LINDBERGH	1, 2		KALN	ALTON/ST LOUIS	IL (US)
DP	LINDBERGH	1, 2		KBLV	BELLEVILLE	IL (US)
DP	LINDBERGH	1, 2		KPCS	CAHOKIA/ST LOUIS	IL (US)
DP	LINDBERGH	1, 2		KSTL	ST LOUIS	MO (US)
DP	LINDBERGH	1, 2		KSUS	ST LOUIS	MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 CLASS FROM H TO VH
2. FIX MAKE-UP FACILITIES: CHANGED FAC 2 MRA FROM 3000 TO 2800
3. ESV: CHANGED MAX ALTITUDE FROM 14900 TO 5500
4. REMARKS: ADDED TWO ESVS FOR STL TACAN AND VOR: TACAN (H) R-229 42 NM 3000-15000; VOR (VH) R-229 42 NM 3000-5500

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE:

*Digitally signed by*

**DONALD H LANIER**

Jul 02, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: PLIED

STATE: AR

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 360801.46N/0913736.12W

TYPE: INT

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	LITTLE ROCK	LIT	VORTAC	H	017.84	017.84		83.37		18000	45000
2	WALNUT RIDGE	ARG	VORTAC	VH	268.69	272.69		32.75		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

LITTLE ROCK (FAC 1) AND WALNUT RIDGE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J101	1, 2				(US)
EN ROUTE	J46	1, 2				(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. LATITUDE/LONGITUDE: CHANGED FROM "360759.54N/0913641.40W" TO "360801.46N/0913736.12W" - FIX MOVED 4493 FT WEST  
2. FIX MAKE-UP FACILITIES: FAC 1, CHANGED MAG AND TRUE BEARING FROM "012.58/017.58" TO "017.84/017.84," CHANGED DISTANCE FROM FAC FROM "91.55" TO "83.37"  
3. FIX MAKE-UP FACILITIES: FAC 2, CHANGED MAG BRG/TRUE BRG FROM "268.68/272.68" TO "268.69/272.69," CHANGED DIST FROM FAC FROM "32.01" TO "32.75"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE:

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**DONALD H LANIER**

Jul 02, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: SAGZA

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 381343.69N/0904519.90W

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 NM	FAC FEET	MRA	MAA
1	ST LOUIS	STL	VORTAC	H	197.84	198.84	40.00	40.00		6500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LINDBERGH	1		KALN	ALTON/ST LOUIS	IL (US)
DP	LINDBERGH	1		KBLV	BELLEVILLE	IL (US)
DP	LINDBERGH	1		KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	LINDBERGH	1		KSTL	ST LOUIS	MO (US)
DP	LINDBERGH	1		KSUS	ST LOUIS	MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. LAT/LONG: CHANGED FROM 381340.39N/0904507.98W TO 381343.69N/0904519.90W - FIX MOVED 1008 FT WEST
2. FIX MAKE-UP FACILITIES: CHANGED FAC 1 MAG BRG/TRUE BRG FROM "197.60/198.60" TO "197.84/198.84" AND MRA FROM 3000 TO 6500

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE:

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**DONALD H LANIER**  
Jul 02, 2025

QUALITY  
8  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SAJOY

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 381145.08N/0903321.85W

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 NM	FAC FEET	MRA	MAA
1	ST LOUIS	STL	VORTAC	H	184.00	185.00	40.00	40.00		7600	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LINDBERGH	1		KALN	ALTON/ST LOUIS	IL (US)
DP	LINDBERGH	1		KBLV	BELLEVILLE	IL (US)
DP	LINDBERGH	1		KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	LINDBERGH	1		KSTL	ST LOUIS	MO (US)
DP	LINDBERGH	1		KSUS	ST LOUIS	MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 MRA FROM 3000 TO 7600

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE:

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**DONALD H LANIER**  
Jul 02, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: TWRAY

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 373602.55N/0910119.62W

TYPE: WP, 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	FEET	MRA	MAA
1	ST LOUIS	STL	VORTAC	VH	197.84	198.84	79.71	79.71		11000	45000
2	FARMINGTON	FAM	VORTAC	VH	262.62	263.62	37.81	37.81		11000	45000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
STL	VORTAC	R-198	80	11000	15000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

ST LOUIS (FAC 1) AND FARMINGTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LINDBERGH	1, 2		KALN	ALTON/ST LOUIS	IL (US)
DP	LINDBERGH	1, 2		KBLV	BELLEVILLE	IL (US)
DP	LINDBERGH	1, 2		KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	BERYY (RNAV)			KSTL	ST LOUIS	MO (US)
DP	LINDBERGH	1, 2		KSTL	ST LOUIS	MO (US)
DP	LINDBERGH	1, 2		KSUS	ST LOUIS	MO (US)
EN ROUTE	J101	1, 2				(US)
EN ROUTE	J98	1, 2				(US)

REQUIRED CHARTING: DP, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. LAT/LONG: CHANGED FROM 373605.06N/0910052.53W TO 373602.55N/0910119.62W - FIX MOVED 2195 FT WEST
2. FIX MAKE-UP FACILITIES: FAC 1, CHANGED MAG BRG/TRUE BRG FROM "197.60/198.60" TO "197.84/198.84," CHANGED DME/DIST FROM FAC FROM "79.56" TO "79.71" AND CHANGED MRA FROM 18000 TO 11000
3. FIX MAKE-UP FACILITIES: FAC 2, CHANGED DME/DIST FROM FAC FROM 37.45 TO 37.81 AND CHANGED MRA FROM 18000 TO 11000
4. REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE:

*Digitally signed by*  
**DONALD H LANIER**  
Jul 02, 2025

QUALITY  
8  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WEZRR

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 365028.34N/0912017.49W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	LITTLE ROCK	LIT	VORTAC	H	017.84	017.84	128.00	128.00		18000	45000
2	ST LOUIS	STL	VORTAC	VH	197.84	198.84	127.68	127.68		18000	45000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LIT	VORTAC	R-018	128	18000	45000
STL	VORTAC	R-198	128	18000	45000

HOLDING:

HOLDING TYPE OF ACTION:

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LINDBERGH	1, 2		KALN	ALTON/ST LOUIS	IL (US)
DP	LINDBERGH	1, 2		KBLV	BELLEVILLE	IL (US)
DP	LINDBERGH	1, 2		KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	LINDBERGH	1, 2		KSTL	ST LOUIS	MO (US)
DP	LINDBERGH	1, 2		KSUS	ST LOUIS	MO (US)

REQUIRED CHARTING: DP, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

08/19/2025. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/02/2025.

1. FAC1 AND FAC 2 MRA CHANGED FROM 15000 TO 18000.

2. CHANGED MINIMUM ESV ALTITUDE FOR LIT VORTAC: FROM 15000 TO 18000 PER FLIGHT CHECK.

3. CHANGED MINIMUM ESV ALTITUDE FOR STL VORTAC: FROM 15000 TO 18000 PER FLIGHT CHECK.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE:

*Digitally signed by*

**DONALD H LANIER**

Aug 21, 2025

