

# RADIO FIX AND HOLDING DATA RECORD

NAME: ARENZ

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 400837.46N/0933902.02W

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	FEET	MRA	MAA
1	KANSAS CITY	MCI	VORTAC	H	039.00	044.00	71.97	71.97		8000	25000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MCI	VORTAC	R-039	72	8000	15600

HOLDING:

HOLDING TYPE OF ACTION:

## REMARKS:

KANSAS CITY (FAC 1) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ROYAL	1		KFLV	FORT LEAVENWORTH	KS (US)
DP	ROYAL	1		KIXD	OLATHE	KS (US)
DP	ROYAL	1		KOJC	OLATHE	KS (US)
DP	ROYAL	1		KMCI	KANSAS CITY	MO (US)
DP	ROYAL	1		KMKC	KANSAS CITY	MO (US)
DP	ROYAL	1		KLXT	LEES SUMMIT	MO (US)
DP	ROYAL	1		KGPH	MOSBY	MO (US)
DP	ROYAL	1		KSTJ	ST JOSEPH	MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/08/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/20/2014

OFFICE: AJV-353

NAME: PETER GETZ (DUSTIN DAVIDSON)

APPROVED BY:

DATE: 01/08/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: BODYN

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 402031.07N/0920806.04W

TYPE: 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 JOSEPH	STJ	VORTAC	H	071.00	079.00	130.38	130.38		8000	25000
2	OTTUMWA	OTM	VOR/DME	L	162.00	168.00	42.11	42.11		8000	25000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
STJ	VORTAC	R-071	131	8000	25000
OTM	VOR/DME	R-162	43	8000	25000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

ST JOSEPH (FAC 1) AND OTTUMWA (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ROYAL	1, 2		KFLV	FORT LEAVENWORTH	KS (US)
DP	ROYAL	1, 2		KIXD	OLATHE	KS (US)
DP	ROYAL	1, 2		KOJC	OLATHE	KS (US)
DP	ROYAL	1, 2		KMCI	KANSAS CITY	MO (US)
DP	ROYAL	1, 2		KMKC	KANSAS CITY	MO (US)
DP	ROYAL	1, 2		KLXT	LEES SUMMIT	MO (US)
DP	ROYAL	1, 2		KGPH	MOSBY	MO (US)
DP	ROYAL	1, 2		KSTJ	ST JOSEPH	MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/08/2015

## REASON FOR REVISION:

ADDED FAC1 AND FAC2 FIX MAKE-UP FACILITIES AND ALL ASSOCIATED DATA.

ADDED REMARK: OTTUMWA (FAC 2) AND ST JOSEPH (FAC 1) USED TO ESTABLISH FIX COORDINATES.

UPDATED FIX USE.

ADDED REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/20/2014

OFFICE: AJV-353

NAME: PETER GETZ (DUSTIN DAVIDSON)

APPROVED BY:

DATE: 01/08/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: CAYKO

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 394549.35N/0940811.42W

TYPE: 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	KANSAS CITY	MCI	VORTAC	H	039.00	044.00	40.00	40.00		8000	31000
2	ST JOSEPH	STJ	VORTAC	H	099.69	107.69		38.30		8000	37000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

KANSAS CITY (FAC 1) AND ST JOSEPH (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ROYAL	1, 2		KFLV	FORT LEAVENWORTH	KS (US)
DP	ROYAL	1, 2		KIXD	OLATHE	KS (US)
DP	ROYAL	1, 2		KOJC	OLATHE	KS (US)
DP	ROYAL	1, 2		KMCI	KANSAS CITY	MO (US)
DP	ROYAL	1, 2		KMKC	KANSAS CITY	MO (US)
DP	ROYAL	1, 2		KLXT	LEE'S SUMMIT	MO (US)
DP	ROYAL	1, 2		KGPH	MOSBY	MO (US)
DP	ROYAL	1, 2		KSTJ	ST JOSEPH	MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/15/2012

## REASON FOR REVISION:

REMOVED FAC 2.  
CORRECTED FAC 1 COURSE FROM 032T TO 044T, 45.99 DME TO 40.00 DME, ADDED 40 NM DIST FROM FAC 1.  
CORRECTED FAC 2 COURSE FROM 092.48T TO 107.69T, ADDED 38.30 NM DIST FROM FAC 2.  
ADDED REMARK, ST JOSEPH (FAC 2) AND KANSAS CITY (FAC 1) USED TO ESTABLISH FIX COORDINATES.  
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/30/2012

OFFICE: AJV-353

NAME: JILL OLSON (AISHAT NAUZO)

APPROVED BY:

DATE: 09/19/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: MKC  
ARTCC: ZKC  
ATC FACILITY:  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: JDOGG

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 395659.80N/0943941.43W

TYPE: 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	KANSAS CITY	MCI	VORTAC	H	360.00	005.00	40.00	40.00		8000	25000
2	ST JOSEPH	STJ	VORTAC	H	084.91	092.91		12.18		8000	25000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

KANSAS CITY (FAC 1) AND ST JOSEPH (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ROYAL	1, 2		KFLV	FORT LEAVENWORTH	KS (US)
DP	ROYAL	1, 2		KIXD	OLATHE	KS (US)
DP	ROYAL	1, 2		KOJC	OLATHE	KS (US)
DP	ROYAL	1, 2		KMCI	KANSAS CITY	MO (US)
DP	ROYAL	1, 2		KMKC	KANSAS CITY	MO (US)
DP	ROYAL	1, 2		KLXT	LEE'S SUMMIT	MO (US)
DP	ROYAL	1, 2		KGPH	MOSBY	MO (US)
DP	ROYAL	1, 2		KSTJ	ST JOSEPH	MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/15/2012

## REASON FOR REVISION:

ADDED FAC 1 AND FAC 2 DIST FROM FAC (NM).

ADDED REMARK, KANSAS CITY (FAC 1) AND ST JOSEPH (FAC 2) USED TO ESTABLISH FIX COORDINATES.

UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/30/2012

OFFICE: AJV-353

NAME: JILL OLSON (AISHAT NAUZO)

APPROVED BY:

DATE: 09/19/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: MKC

ARTCC: ZKC

ATC FACILITY: MCI TOWER

OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: TONCE

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 401656.01N/0943723.46W

TYPE: 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	KANSAS CITY	MCI	VORTAC	H	360.00	005.00	60.00	60.00		8000	29000
2	ST JOSEPH	STJ	VORTAC	H	027.69	035.69		23.77		8000	29000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MCI	VORTAC	R-360	60	8000	15600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

KANSAS CITY (FAC 1) AND ST JOSEPH (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ROYAL	1, 2		KFLV	FORT LEAVENWORTH	KS (US)
DP	ROYAL	1, 2		KIXD	OLATHE	KS (US)
DP	ROYAL	1, 2		KOJC	OLATHE	KS (US)
DP	ROYAL	1, 2		KMCI	KANSAS CITY	MO (US)
DP	ROYAL	1, 2		KMKC	KANSAS CITY	MO (US)
DP	ROYAL	1, 2		KLXT	LEE'S SUMMIT	MO (US)
DP	ROYAL	1, 2		KGPH	MOSBY	MO (US)
DP	ROYAL	1, 2		KSTJ	ST JOSEPH	MO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/15/2012

## REASON FOR REVISION:

ADDED FAC 1 AND FAC 2 DIST FROM FAC (NM).

UPDATED MCI VTAC ESV.

ADDED REMARK, KANSAS CITY (FAC 1) AND ST JOSEPH (FAC 2) USED TO ESTABLISH FIX COORDINATES.

UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/30/2012

OFFICE: AJV-353

NAME: JILL OLSON (AISHAT NAUZO)

APPROVED BY:

DATE: 09/19/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: MKC  
ARTCC: ZKC  
ATC FACILITY: MCI TOWER  
OTHER: