

RADIO FIX AND HOLDING DATA RECORD

NAME: BRTNY **STATE:** MO **COUNTRY:** US **ICAO REGION CODE:** K3

LATITUDE/LONGITUDE: 392616.30N/0944111.45W **TYPE:** WP, RADAR, 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	KANSAS CITY	I-PAJ	LOC/DME		010.94	012.94	9.07	9.11	3300	5500

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	N	I-PAJ	LOC/DME	010.94	190.94	R	1	3300 4300	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (29-000115)	393222.44N/0944450.16W	1426	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

I-PAJ DME COORDINATES: 391725.78N/0944351.96W.
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19R	1	1	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II - III)	1	1	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (SA CAT I)	1	1	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R			KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 19R			KMCI	KANSAS CITY	MO (US)
STAR	JSONN (RNAV)			KMCI	KANSAS CITY	MO (US)
STAR	MHOMS (RNAV)			KMCI	KANSAS CITY	MO (US)
STAR	RUDDH (RNAV)			KMCI	KANSAS CITY	MO (US)
STAR	WUTNG (RNAV)			KMCI	KANSAS CITY	MO (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 05/19/2022

REASON FOR REVISION:

FIX COORDINATES UPDATED, FIX MOVED 2.20NM SOUTH.
FIX NAME RETAINED FOR ATC OPERATIONAL ADVANTAGE.
FAC 1 UPDATED: DME CHANGED FROM 11.28 TO 9.07; DIST FROM FAC CHANGED FROM 11.32 TO 9.11; MRA LOWERED FROM 4000 TO 3300.
ADDED JSONN, MHOMS, RUDDH AND WUTNG STARS TO FIX USE.
ADDED STAR TO CHARTING.
ADDED HOLDING PATTERN AND ASSOCIATED NOTES.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: KELLY DEAN
APPROVED BY:	DATE: 05/19/2022	OFFICE: AJV-A430	NAME: LONNIE EVERHART
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: CAMDO **STATE:** MO **COUNTRY:** US **ICAO REGION CODE:** K3

LATITUDE/LONGITUDE: 393432.36N/0943843.91W **TYPE:** WP, RADAR, 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	FAC FEET	MRA	MAA
1	KANSAS CITY	I-PAJ	LOC/DME		010.94	012.94	17.55	17.59		6000	7000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-PAJ	LOC/DME	BRG-011	18	5500	7000

REMARKS:

I-PAJ DME COORDINATES: 391725.78N/0944351.96W.
ESV: I-PAJ GS R-011/16 6000-7000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19R	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II - III)	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (SA CAT I)	1		KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R			KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 19R			KMCI	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19 **DATE OF REVISION:** 07/14/2022

REASON FOR REVISION:

1. FIX MOVED 45.64 FEET SOUTH FROM 393432.81N/0943843.98W TO 393432.36N/0943843.91W.
2. DME DISTANCE CHANGED FROM 17.56 TO 17.55 NM.
3. CHANGED I-PAJ DME COORDINATES FROM 91725.77N/0944351.97W TO 91725.78N/0944351.96W.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** KARLIE BUNTIN

APPROVED BY: **DATE:** 07/14/2022 **OFFICE:** AJV-A430 **NAME:** LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FAMUS

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 392521.60N/0944127.76W

TYPE: WP, RADAR, DME

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	KANSAS CITY	I-PAJ	LOC/DME		010.94	012.94	8.14	8.18		3000	5500

REMARKS:

I-PAJ DME COORDINATES: 391725.77N/0944351.97W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19R	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II - III)	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (SA CAT I)	1		KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R			KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 19R			KMCI	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 03/26/2020

REASON FOR REVISION:

1. ADDED ILS RWY 19R (SA CAT I) TO FIX USE.
2. UPDATED FIX MAKE-UP FACILITY (I-PAJ) MAG BRG FROM 010.93 TO 010.94, TRUE BRG FROM 012.93 TO 012.94, AND MAA FROM 5400 TO 5500.
3. REMARKS: 8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES REMOVED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY: MCI APP CON, MCI TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PEAKA

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 392330.92N/0944200.50W

TYPE: WP, RADAR, 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	FAC FEET	MRA	MAA
1	KANSAS CITY	I-PAJ	LOC/DME		010.94	012.94	6.25	6.28	37967	2400	5500

REMARKS:

I-PAJ DME LOCATION: 391725.78N/0944351.96W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19R	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II - III)	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (SA CAT I)	1		KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R			KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 19R			KMCI	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

1. FIX MOVED 0.93 NM NORTHEAST FROM 392236.21N/0944216.76W TO 392330.92N/0944200.50W.
2. REMOVED "8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES" FROM REMARKS.
3. ADDED DME AND RADAR TO FIX TYPE.
4. ADDED FACILITY 1 MAKE-UP INFORMATION.
5. ADDED I-PAJ DME COORDINATES.
6. ADDED KMCI ILS OR LOC RWY 19R, KMCI ILS RWY 19R (SA CAT I), KMCI ILS RWY 19R (CAT II - III) AND KMCI RNAV GPS Y RWY 19R TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: KARLIE BUNTIN

APPROVED BY:

DATE: 07/14/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ST JOSEPH VORTAC STATE: MO COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 395738.08N/0945530.79W 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	ST JOSEPH	STJ	VORTAC	H							45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

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	N	STJ	VORTAC	347.41	167.41	R	1		2700	6000	6	7
2	S	STJ	VORTAC	175.00	355.00	R	1		3000	17500	6	16
3	S		WP	175.00	355.00	R		4	6000	10000	8	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (29-002003)	400404.94N/0945205.10W	1524	1A
1	265	TOWER (29-002003)	400404.94N/0945205.10W	1524	1A
2	230	TOWER (29-001514)	395834.00N/0945838.00W	1520	5D
2	265	TOWER (29-000024)	394612.00N/0944755.00W	1792	4D
3	230	TOWER (29-001514)	395834.00N/0945838.00W	1520	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 230K/265K PATTERNS USED FOR MILITARY REQUIREMENTS.
 ASSIGNED FACILITY MAG VAR: 8E 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DES MOINES			KDSM	DES MOINES	IA (US)
DP	CHIEF			KFLV	FORT LEAVENWORTH	KS (US)
DP	ROYAL			KFLV	FORT LEAVENWORTH	KS (US)
DP	WILDCAT			KFLV	FORT LEAVENWORTH	KS (US)
DP	CHIEF			KIXD	OLATHE	KS (US)
DP	ROYAL			KIXD	OLATHE	KS (US)
DP	WILDCAT			KIXD	OLATHE	KS (US)
DP	CHIEF			KOJC	OLATHE	KS (US)
DP	ROYAL			KOJC	OLATHE	KS (US)
DP	WILDCAT			KOJC	OLATHE	KS (US)
DP	MEADOW LAKE			KMSP	MINNEAPOLIS	MN (US)
DP	MINNEAPOLIS			KMSP	MINNEAPOLIS	MN (US)
DP	CHIEF			KMCI	KANSAS CITY	MO (US)
DP	ROYAL			KMCI	KANSAS CITY	MO (US)
DP	WILDCAT			KMCI	KANSAS CITY	MO (US)
DP	CHIEF			KMKC	KANSAS CITY	MO (US)
DP	ROYAL			KMKC	KANSAS CITY	MO (US)
DP	WILDCAT			KMKC	KANSAS CITY	MO (US)
DP	CHIEF			KLXT	LEE'S SUMMIT	MO (US)
DP	ROYAL			KLXT	LEE'S SUMMIT	MO (US)
DP	WILDCAT			KLXT	LEE'S SUMMIT	MO (US)
DP	CHIEF			KGPH	MOSBY	MO (US)
DP	ROYAL			KGPH	MOSBY	MO (US)
DP	WILDCAT			KGPH	MOSBY	MO (US)
DP	CHIEF			KSTJ	ST JOSEPH	MO (US)
DP	ROYAL			KSTJ	ST JOSEPH	MO (US)
DP	WILDCAT			KSTJ	ST JOSEPH	MO (US)
DP	BLUFS			KOMA	OMAHA	NE (US)
EN ROUTE	J18					(US)
EN ROUTE	V159					(US)
EN ROUTE	V50					(US)
EN ROUTE	V77					(US)
IAP	VOR/DME-A			KFLV	FORT LEAVENWORTH	KS (US)
IAP	ILS OR LOC RWY 19R		2	KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 1L (ALT MA)		2	KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 27		2	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II-III)		2	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (SA CAT I)		2	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) RWY 14			KEVU	MARYVILLE	MO (US)
IAP	RNAV (GPS) RWY 32			KEVU	MARYVILLE	MO (US)
IAP	ILS OR LOC RWY 35			KSTJ	ST JOSEPH	MO (US)
IAP	LOC BC RWY 17		1	KSTJ	ST JOSEPH	MO (US)
IAP	RADAR 1		2	KSTJ	ST JOSEPH	MO (US)

IAP	VOR OR TACAN RWY 17	1	KSTJ	ST JOSEPH	MO (US)
IAP	VOR OR TACAN RWY 35		KSTJ	ST JOSEPH	MO (US)
STAR	JSONN (RNAV)	3	KMCI	KANSAS CITY	MO (US)
STAR	ROBINSON		KMCI	KANSAS CITY	MO (US)
STAR	MARWI		KOFF	OMAHA	NE (US)
STAR	MARWI		KOMA	OMAHA	NE (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

FIX USE: DELETED KMCI ILS OR LOC RWY 19L, RNAV (GPS) Y RWY 19L, AND RNAV (GPS) Y RWY 19R. ADDED ALT MA TO KMCI ILS OR LOC RWY 1L. ADDED PAT 2 TO KMCI ILS OR LOC RWY 19R (SA CAT I)(CAT II-III)

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** KELLY DEAN

APPROVED BY: **DATE:** 05/19/2022 **OFFICE:** AJV-A430 **NAME:** LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WESGI

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 393128.65N/0943938.62W

TYPE: WP, RADAR, 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	KANSAS CITY	I-PAJ	LOC/DME		010.94	012.94	14.41	14.45		5000	5500

REMARKS:

I-PAJ DME COORDINATES: 391725.78N/0944351.96W
ESV: I-PAJ GS R-011/13 5000-5400

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19R	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II - III)	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (SA CAT I)	1		KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R			KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 19R			KMCI	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

1. FIX MOVED 0.77 NM EAST FROM 393129.09N/0943938.65W TO 393128.65N/0943938.62W.
2. DME DISTANCE CHANGED FROM 14.42 TO 14.41 NM.
3. CHANGED DME LOCATION FROM 391725.77N/0944351.97W TO 391725.78N/0944351.96W

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: KARLIE BUNTIN

APPROVED BY:

DATE: 07/14/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZESAB

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 392105.40N/0944243.64W

TYPE: WP, RADAR, 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	FAC FEET	MRA	MAA
1	KANSAS CITY	I-PAJ	LOC/DME		010.94	012.94	3.76	3.80		1500	5500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19R	1		KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R			KMCI	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/26/2020

REASON FOR REVISION:

1. UPDATED FIX MAKE-UP FACILITY (I-PAJ) MAG BRG FROM 010.93 TO 010.94, TRUE BRG FROM 012.93 TO 012.94.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: BARBARA GORMAN

APPROVED BY: DATE: 03/26/2020 OFFICE: AJV-A430 NAME: LONNIE EVERHART

SIGNATURE:

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