Flight Procedure Tracking Form

Action:	Task Type:	Date Open:	Task #:	Request #:
FLIGHT CHECK	IAP	08/21/2012	2012012423164904006	20120124231649

Procedure: RNAV (GPS) Y RWY 19 L AMDT 2

Airport ID:	Airport:	Reimbursable #:
KMCI	KANSAS CITY INTL	

City: KANSAS CITY **ST:** MO

GPS #:	Estimated Chart Date:	FICO #:
	03/07/2013	

Fac ID: **Fac. Type:** LPV

Specialist: DAVID DANNER

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	08/23/2012	11/29/2012	JILL OLSON	
QA:	11/29/2012	12/07/2012	CASIMIR TABAKA	
Liaison:	12/07/2012		Spurlin	MAGVAR

MAG VAR PL

Procedure Comments: ENROUTE-NON **Remark Type:** INFORMATION

pkg 4.f12

KANSAS CITY, MO KANSAS CITY INTL (KMCI) RNAV (GPS) Y RWY 19L, AMDT 2 (LPV) ENROUTE-NO FC: 1.22.13 PUB: 3.7.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): FELUR-INT, REV 2; GAYLY-INT, REV 3; NAPOLEON (ANX) VTAC, REV 13; ROMNS-INT, REV 1; UMREW-INT, ORIG; YOVNU-INT, REV 1; ZASBO-INT, REV 1; (INFO ONLY) ST JOSEPH (STJ) VTAC, REV 12.
FLCK NOTE: REQUEST 4D FLIGHT CHECK ACCURACY FOR OBS #5, 1301 MSL TOWER (29-020077) 392811.44N/0943714.24W

CONTACT: JILL OLSON/STEVE BARNETT -AVJ-353 LEADS, 405.954.4014 / 405.954.9307.

WAAS	APP CRS	Rwy Idg	9500
CH 82108	191°	THRE	978
W19A		Apt Elev	1026

RNAV (GPS) Y RWY 19L

KANSAS CITY INTL (MCI)

DME/DME RNP-0.3 NA. Simultaneous approach authorized with Rwy 19R. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). For inop MALSR, increase LPV CAT E visibility to RVR 4000, LNAV/VNAV and LNAV CAT E visibility to RVR 6000.
Use of FD or AP providing RNAV track guidance required during simultaneous operations.

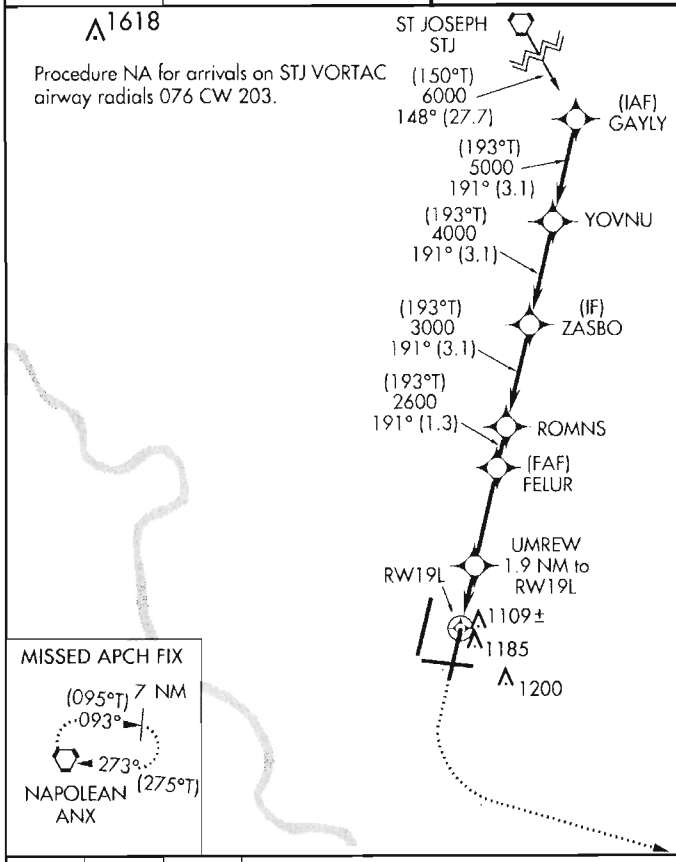
MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 4000 direct ANX VORTAC and hold.

ATIS	KANSAS CITY APP CON	INTERNATIONAL TOWER	GND CON	CLNC DEL
128.375	120.95 318.1	128.2 254.25	121.8	135.7

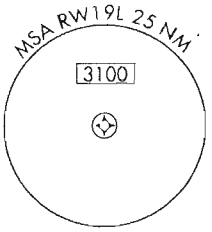
A1618

Procedure NA for arrivals on STJ VORTAC airway radials 076 CW 203.



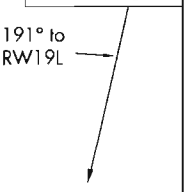
PROTOTYPE - NOT FOR NAVIGATION

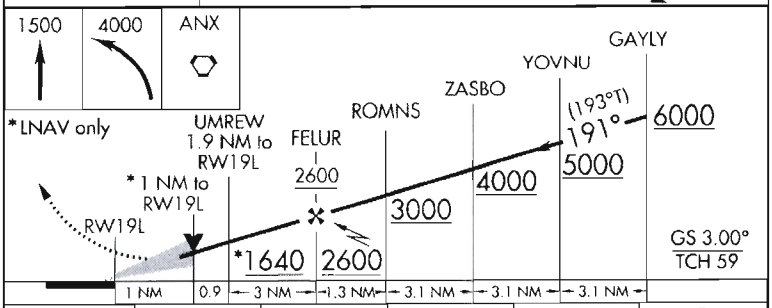
ANX:	3905.726N / 09407.730W
STJ:	3957.635N / 09455.513W
FELUR:	3923.201N / 09440.670W
GAYLY:	3933.612N / 09437.573W
ROMNS:	3924.426N / 09440.306W
UMREW:	3920.266N / 09441.540W
YOVNU:	3930.550N / 09438.485W
ZASBO:	3927.488N / 09439.397W
RW19L:	3918.412N / 09442.089W



MISSED APCH FIX

ELEV 1026 THRE 978





CATEGORY	A	B	C	D	E
LPV DA	1178/24 200 (200-½)				
LNAV/VNAV DA	1364/40 386 (400-¾)				
LNAV MDA	1360/24 382 (400-½)		1360/35 382 (400-¾)		
CIRCLING	1540-1 514 (600-1)		1540-1½ 514 (600-1½)	1580-2 554 (600-2)	

HIRL all Rwys
TDZ/CL Rwys 1L, 1R, 19L and 19R

39°18'N-94°43'W

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
STJ VORTAC	GAYLY (FB)	147.95 / 27.71	6000
GAYLY (IAF)	YOVNU (FB)	191.00 / 3.14	5000
YOVNU	ZASBO (FB)	190.99 / 3.14	4000
ZASBO (IF)	ROMNS (FB)	190.98 / 3.14	3000
ROMNS	FELUR (FB)	190.97 / 1.26	2600
FELUR (FAF)	UMREW/1.90 NM TO RW19L (FB)	190.96 / 3.01	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19L

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 DIRECT ANX VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GAYLY
3. FAC: 190.96 FAF: FELUR DIST FAF TO MAP: 4.91 THLD: 4.91
4. MIN. ALT: GAYLY 6000, YOVNU 5000, ZASBO 4000, ROMNS 3000, FELUR 2600, UMREW/1.90 NM TO RW19L 1640*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT:
6. MIN GS INCPT: 2600 GS ALT AT: FELUR 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.1 34:1 IS CLEAR
8. MSA FROM: RW19L 3100

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 273.00 INBOUND.
CHART FAS OBST: 1109 TREE 391828N/0944123W
DISTANCE TO THLD FROM 200 HATH: 0.44 NM.
CHART VDP AT 1.02 MILES TO RW19L*
*LNAV ONLY.
WAAS CHANNEL # 82108
REFERENCE PATH ID: W19A
LTP HAE: 265.6 M
CHART LOC RWY 19R

MAG VAR: 2E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1178	2400	200	1178	2400	200	1178	2400	200	1178	2400	200	1178	2400	200
LNAV/VNAV DA	1364	4000	386	1364	4000	386	1364	4000	386	1364	4000	386	1364	4000	386
LNAV MDA	1360	2400	382	1360	2400	382	1360	3500	382	1360	3500	382	1360	3500	382
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554	1580	2	554

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON STJ VORTAC AIRWAY RADIALS 076 CW 203.
*LNAV ONLY
(SEE FORM 8260-10)

QUALITY CHECKED 3

CITY AND STATE	ELEVATION: 1026 THRE: 978 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19L, AMDT 2	AMDT: 1A
				DATED 04/05/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] ZKC, MCI ATCT, MO ST AERO, AMGR

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
DAVID DANNER	AJV-353	09/21/2012

APPROVED BY

NAME:		FIFO	DATE:
LARRY H STROUT	MANAGER	AJV-353	

CHANGES:

1. SEGMENTS FROM DONNS TO WOMIL AND WOMIL TO YOVNU REMOVED.
2. ADDED FEEDER FROM STJ VORTAC TO GAYLY.
3. ADDED INITIAL FROM GAYLY TO YOVNU.
4. ADDED STEPDOWN IN INITIAL.
5. INTERMEDIATE STARTS AT ZASBO.
6. ADDED STEPDOWN TO INTERMEDIATE.
7. DISTANCE FAF TO MAP AND FAF TO THLD CHANGED FROM 4.84 TO 4.91.
8. MAGVAR CHANGED FROM 5E TO 2E.
9. TDZE CHANGED TO THRE.
10. FINAL COURSE CHANGED FROM 187.96 TO 190.96.
11. ADDED STEPDOWN TO FINAL.
12. VDP CHANGED FROM 1.27 TO 1.02.
13. LPV ALL CATS DA LOWERED FROM 1244 TO 1178.
14. LNAV/VNAV ALL CATS DA LOWERED FROM 1397 TO 1364 AND VISIBILITY LOWERED FROM RVR 5000 TO RVR 4000.

SEE 8260-10

REASONS:

1/2/3/4/5/6. FPT REQUEST TO MATCH ILS.
7. FAF MOVED DUE TO 8260.54A RNP CRITERIA.
8. FPT REQUEST.
9. IAW 8260.19E, PARA 8-54 J (1).
10. COURSE ALIGNMENT; FAF MOVED.
11. LOWER MINIMUMS.
12. IAW 8260.19E CHG 2 PAR 8-70 R.
13. 200 HAT ATTAINED.
14. NEW CONTROLLING OBS.
15. NEW CONTROLLING OBS; STEPDOWN ADDED.
16. FPT REQUEST.
17. AFS-400 CALCULATOR.
18. IAW 8260.19E CHG 2 PAR 8-51.
19. IAW 8260.3B CHG 20, TABLE 3-5A.

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UMREW/1.90 NM TO RW19L	RW19L (MAP) (FO)	190.96 / 1.90	
RW19L (MAP)	1500 MSL	190.96	1500
1500 MSL	ANX VORTAC (FO)		4000

NOTES, (CONT.):
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19R.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV AND LNAV CAT E VISIBILITY TO RVR 6000.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY 3 CHECKED

CITY AND STATE	ELEVATION: 1026 THRE: 978	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19L, AMDT 2	AMDT: 1A
				DATED: 04/05/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

CHANGES CONT.
15. LNAV ALL CATS MDA LOWERED FROM 1440 TO 1360. 16. CHANGED MISSED APPROACH FROM CLIMB TO 4000 DIRECT TERKY AND VIA 122.01 TRACK DIRECT TRIKE TO CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 DIRECT ANX VORTAC AND HOLD. 17. UNCOMPENSATED BARO-VNAV NOTE CHANGED FROM NA BELOW -17C (2F) OR ABOVE 46C (114F) TO NA BELOW -20C (-4F) OR ABOVE 54C (130F). 18. UPDATED INOPERATIVE MALSR NOTE. 19. LNAV CAT C VIS LOWERED FROM RVR 4000 TO 3500, CATS D/E FROM RVR 5000 TO 3500.

REASONS:

QUALITY 3 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCI
RUNWAY	RW19L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	391824.7420N
LTP/FTP LONGITUDE	0944205.3220W
LTP/FTP ELLIPSOIDAL HEIGHT	+02656
FPAP LATITUDE	391653.2400N
FPAP LONGITUDE	0944232.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00059.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	AB43F772

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02980
FPAP ORTHOMETRIC HEIGHT	+02980

QUALITY 3 CHECKED

CITY AND STATE	ELEVATION: 1026 THRE: 978	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19L, AMDT 2	AMDT: 1A
				DATED: 04/05/2012

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ANX   K3011400VTLW N39054353W094074381    N39054353W094074381E0070008781     NARNAPOLEON
        SUSAD        STJ   K3011550VTH  N39573808W094553079    N39573808W094553079E0080011592     NARST JOSEPH

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FELUR K30    C     N39231203W094404019                    E0023     NAR           FELUR
        SUSAEAENRT   GAYLY K30    C     N39333670W094373438                    E0022     NAR           GAYLY
        SUSAEAENRT   ROMNS K30    C     N39242553W094401837                    E0022     NAR           ROMNS
        SUSAEAENRT   UMREW K30    C     N39201594W094413239                    E0023     NAR           UMREW
        SUSAEAENRT   YOVNU K30    C     N39303300W094382912                    E0022     NAR           YOVNU
        SUSAEAENRT   ZASBO K30    C     N39272927W094392379                    E0022     NAR           ZASBO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3AMCI     0     108YHN39175138W094425006E002001026         1800018000C    MNAR    KANSAS CITY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3FR19LY ASTJ   010STJ  K3D 0V       IF                                          18000                 A JS
        SUSAP KMCIK3FR19LY ASTJ   020GAYLYK3EA0E  A 020TF                  14800277    + 06000                           A JS
        SUSAP KMCIK3FR19LY ASTJ   030YOVNUK3EA0E    010TF                  19100031    + 05000                           A JS
        SUSAP KMCIK3FR19LY ASTJ   040ZASBOK3EA0EE B 010TF                  19100031    + 04000                           A JS
        SUSAP KMCIK3FR19LY R      010ZASBOK3EA0E  I    IF                                + 04000     18000                 A JS
        SUSAP KMCIK3FR19LY R      011ROMNSK3EA0E S  051TF                  19100031    + 03000                           A JS
        SUSAP KMCIK3FR19LY R      020FELURK3EA1E  F 051TF                  19100013    + 02600                RW19L K3PGA JS
        SUSAP KMCIK3FR19LY R      020FELURK3EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KMCIK3FR19LY R      021UMREWK3EA0E S  031TF                  19100030    V 0164001642        -300          A JS
        SUSAP KMCIK3FR19LY R      030RW19LK3PG0GY M 031TF                  19100019      01037             -300          A JS
        SUSAP KMCIK3FR19LY R      040         0  M     CA                  1910        + 01500                           A JS
        SUSAP KMCIK3FR19LY R      050ANX  K3D 0VY  L   DF                                + 04000                           A JS
        SUSAP KMCIK3FR19LY R      060ANX  K3D 0VE  R   HM                  27300070    + 04000                           A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3GRW19L   0095001910 N39182474W094420532+0400    +0265600978000059150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

QUALITY 3 CHECKED

CITY AND STATE	ELEVATION: 1026 THRE: 978	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 19L, AMDT 2**	AMDT: **1A**
				DATED: **04/05/2012**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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```
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3PR19LY RW19L001Y0000W19A0N3918247420W09442053220+026560300N3916532400W094423239001067500000000591F400350AB43F772
        SUSAP KMCIK3PR19LY RW19L002E      +02980+02980LPV       82108
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3SRW19LK3PG                0   18018003125                                                                          M
```

QUALITY 3 CHECKED

CITY AND STATE	ELEVATION: 1026 THRE: 978	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19L, AMDT 2	AMDT: 1A
				DATED: 04/05/2012

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	STJ	STJ	010		IF		FB					
	STJ	GAYLY	020	IAF	TF		FB	2.0	148.0(150.0T)	027.7	AA 06000	
	STJ	YOVNU	030		TF		FB	1.0	191.0(193.0T)	003.1	AA 05000	
	STJ	ZASBO	040		TF		FB	1.0	191.0(193.0T)	003.1	AA 04000	
		ZASBO	010	FACF	IF		FB				AA 04000	
		ROMNS	011	SDF	TF		FB	0.5	191.0(193.0T)	003.1	AA 03000	
		FELUR	020	FAF	TF		FB	0.5	191.0(193.0T)	001.3	AA 02600	
		UMREW	021	SDF	TF		FB	0.3	191.0(193.0T)	003.0	AA 01640 GS 01642	
		RW19L	030	MAP	TF		FO	0.3	191.0(193.0T)	001.9	AT 01037	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		191.0(193.0T)		AA 01500	
	ANX	050		DF	L	FO				AA 04000	
	ANX	060		HM	R	FO		273.0(275.0T)	007.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANX	N390543.53	W0940743.81	N3905.726	W09407.730
	STJ	N395738.08	W0945530.79	N3957.635	W09455.513
	FELUR	N392312.03	W0944040.19	N3923.201	W09440.670
	GAYLY	N393336.70	W0943734.38	N3933.612	W09437.573
	ROMNS	N392425.53	W0944018.37	N3924.426	W09440.306
	UMREW	N392015.94	W0944132.39	N3920.266	W09441.540
	YOVNU	N393033.00	W0943829.12	N3930.550	W09438.485
	ZASBO	N392729.27	W0943923.79	N3927.488	W09439.397
	RW19L	N391824.74	W0944205.32	N3918.412	W09442.089

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19L	00978	59

QUALITY 3 CHECKED

CITY AND STATE	ELEVATION: **1026** THRE: **978** / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	**KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 19L, AMDT 2**	AMDT: **1A**
				DATED: **04/05/2012**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	STJ VORTAC	GAYLY	1. TOWER (29-001268)	393903.00N/0944012.00W	2049 (5E)	1000	AT2951	6000
			2. TERRAIN	395800.00N/0945148.00W	1172 (1200)		AS1500	2700
INITIAL	GAYLY	YOVNU	3. AAO	393215.00N/0943521.00W	1231 (4E)	1000	AT2769	5000
			4. TERRAIN	393215.00N/0943521.00W	1031 (1000)		AS1500	2500
INITIAL: STEPDOWN	YOVNU	ZASBO	5. TOWER (29-020077)	392811.44N/0943714.24W	1301 (4D)	1000	AT1699	4000
			6. TERRAIN	392842.00N/0943627.00W	991 (1000)		AS1500	2500
INTERMEDIATE	ZASBO	ROMNS	7. AAO	392609.00N/0943715.00W	1185 (4E)	500	AC98 AT1217	3000
			8. TERRAIN	392609.00N/0943715.00W	985 (1000)		AS1500	2500
INTERMEDIATE:	ROMNS	FELUR	9. AAO	392309.00N/0943957.00W	1119 (4E)	500	AC98 AT883	2600
STEPDOWN			10. TERRAIN	392309.00N/0943957.00W	919 (900)		AS1500	2400
FINAL: LPV	FELUR	RW19L				ASC		1178/200
FINAL: LNAV/VNAV	FELUR	RW19L	11. TREE	391828.23N/0944122.95W	1109 (2C)	PDA	AC20 MA74	1364/386
FINAL: LNAV	FELUR	UMREW/1.90 NM TO	12. AAO	392153.51N/0944024.43W	1169 (2C)	250	DG221	1640
		RW19L						
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW19L	ANX VORTAC	17. ANT (KMCI0041)	391836.82N/0944107.32W	1152 (1B)	ASC	AC10	4000
			13. TOWER (29-000071)	390503.00N/0943057.00W	2049 (2C)	1000		3100
ELEV:	1008/1203/1260		14. TERRAIN	391600.00N/0943612.00W	1067 (1100)		AS1500	2600

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	514	15. TWR (29-000411)	391751.00N/0944255.00W	1233 (1A)	300		1540
CATEGORY B	1.5 NM	450	514	15. TWR (29-000411)	391751.00N/0944255.00W	1233 (1A)	300		1540
CATEGORY C	1.7 NM	450	514	15. TWR (29-000411)	391751.00N/0944255.00W	1233 (1A)	300		1540
CATEGORY D	2.3 NM	550	554	15. TWR (29-000411)	391751.00N/0944255.00W	1233 (1A)	300	HAA	1580
CATEGORY E	4.5 NM	550	554	16. AAO	391536.25N/0943745.28W	1279 (2C)	300		1580

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: **RW19L**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (29-000027)	159/ 14.9	2049 (1A)	3100					

QUALITY CHECKED

CITY AND STATE	AIRPORT	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
KANSAS CITY, MO	ELEVATION: 1026 AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19L, AMDT 2	ACE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
MCI TOWER ZKC ARTCC MCI APP CON	N W S / F A A / A / C — OTHER: ASOS	SOURCE: KMCI DISTANCE: HOURS REMOTE OPERATION:
SATISFACTORY ON:		
X V H F X U H F H F	LOCATION: KMCI	ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	
X	ALSF-2 01R, 19R
	(S) SALS
X	MALSR 19L, 27, 01L, 09
X	HIRL 01R, 19L, 27, 01L, 09, 19R
	MIRL
	REIL
X	TDZ 01R, 19L, 01L, 19R
X	C/L 01R, 19L, 27, 01L, 09, 19R
X	OTHER (SPECIFY) PAPI-4L 01R, 27, 01L, 19R

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 01R, 19L, 27, 01L, 09, 19R
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	01R, 19L, 27, 01L, 09, 19R
	MIDFIELD	01R, 19L, 01L, 19R
	ROLL OUT	01R, 19L, 27, 01L, 19R

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 977.6
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 59.1

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

QUALITY 3 CHECKED

PART D - PREPARED BY: DAVID DANNER	DATE: 09/21/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

REDUNDANT WEATHER SOURCE; CONTINGENT SOURCE NOT DOCUMENTED PER AJV-353 MANAGER.

AVERAGE COLD TEMPERATURE BASED ON 5-YEAR HISTORY (2007-2011); ACT: -20C.

TEMPERATURE LIMIT, DELTA ISA HIGH VALUE DERIVED FROM AFS 400 CALCULATOR.

ISA DEVIATION USED: -32.97C (-27.34F)

LPV SURFACE: 34:1
LNAV/VNAV SURFACE: 22.4:1

ALL INTERMEDIATE SEGMENTS HAVE THE SAME CONTROLLING OBSTACLE.

TAA NOT DEVELOPED PER CENTRAL FPT.

80 FT VEGETATION USED PER CENTRAL FPT.

GAYLY (6000), YOVNU (5000), ZASBO (4000), ROMNS (3000) FIXES ESTABLISHED ON GLIDEPATH PER ATC REQUEST USING HIGH TEMP CALCULATOR; SATISFIES DESCENT GRADIENT FOR SIMULTANEOUS OPERATIONS

SEE ATTACHED AIRSPACE LETTER.

REQUEST FLIGHT CHECK ACCURACY OF 4D FOR OBS #5.

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LNAV STEPDOWN	**UMREW/1.90 NM TO RW19L**	**RW19L**	**11. TREE**	**391828.23N/0944122.95W**	**1109 (2C)**	**250**		**1360**

3. MISSED APPROACH	
MAP:	
ELEV:	

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
KANSAS CITY, MO	**ELEVATION: 1026** AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 19L, AMDT 2**	**ACE**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ N W S OTHER:	SOURCE:
	☐ F A A	DISTANCE:
	☐ A / C	HOURS REMOTE OPERATION:
☐ V H F ☐ U H F ☐ H F	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING	
☐	**ALS**
☐	**(S) SALS**
☐	**MALS**
☐	**HIRL**
☐	**MIRL**
☐	**REIL**
☐	**TDZ**
☐	**C/LINE**
☐	**OTHER (SPECIFY)**

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	☐ RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐ ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

RADIO FIX AND HOLDING DATA RECORD

NAME: FELUR **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 392312.03N/0944040.19W **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	DIST FROM FAC FEET	MRA	MAA
1	KANSAS CITY	I-DYH	LOC/DME		010.95	012.95	6.65	6.64	40328	2600	5500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES.
ILS DME COORDINATES: 391643.62N-0944238.55W

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 03/07/2013

REASON FOR REVISION:
REMOVED FAC 2.
UPDATED FIX USE.
UPDATED FIX COORDINATES; FIX MOVED 395.57FT NORTH.
FAC 1: DME DISTANCE CHANGED FROM 6.58 TO 6.65, ADDED DISTANCE FROM FAC IN FT AND NM, MAGVAR CHANGED FROM 5E TO 2E.
REMOVED RNP REMARK.
ADDED 8260.54A FORMULA 2-16B REMARK.

DEVELOPED BY: **DATE:** 09/25/2012 **OFFICE:** AJV-353 **NAME:** DAVID DANNER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

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

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GAYLY **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 393336.70N/0943734.38W **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	DIST FROM FAC FEET	MRA	MAA
1	KANSAS CITY	I-DYH	LOC/DME		010.95	012.95	17.32	17.31		6000	7000
2	ST JOSEPH	STJ	VORTAC	H	141.95	149.95	27.71	27.71		6000	17500
3	KANSAS CITY	MCI	VORTAC	H	012.33	017.33		17.27		6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-DYH	LOC/DME	R-011	18	6000	7000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
KANSAS CITY (FAC 1) AND ST JOSEPH (FAC 2) AND KANSAS CITY (FAC 3) USED TO ESTABLISH FIX COORDINATES
ILS DME COORDINATES: 391643.62N-0944238.55W
8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19L	1, 2, 3		KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19L			KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 19L			KMCI	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 03/07/2013

REASON FOR REVISION:
UPDATED FIX USE.
REMOVED FAC 4.
UPDATED FIX COORDINATES; FIX MOVED 3781.00 FT NORTH.
FAC 1: DME DISTANCE CHANGED FROM 16.70 TO 17.32, ADDED DISTANCE FROM FAC IN NM, MAGVAR CHANGED FROM 5E TO 2E.
FAC 2: TRUE BRG CHANGED FROM 150.81 TO 149.95, DME DISTANCE CHANGED FROM 28.16 TO 27.71, ADDED DISTANCE FROM FAC IN NM.
FAC 3: TRUE BRG CHANGED FROM 017.49 TO 017.33, ADDED DISTANCE FROM FAC IN NM.
UPDATED ESV FORMAT AND CHANGED RADIAL FROM 008 TO 011 (DUE TO MAGVAR) AND DISTANCE CHANGED FROM 17 TO 18.
ADDED FACILITIES USED TO ESTABLISH FIX COORDINATES IN REMARKS.
ADDED 8260.54A FORMULA 2-16B REMARK.

DEVELOPED BY: **DATE:** 09/25/2012 **OFFICE:** AJV-353 **NAME:** DAVID DANNER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

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

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NAPOLEON VORTAC **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 390543.53N/0940743.81W **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	DIST FROM FAC FEET	MRA	MAA
1	NAPOLEON	ANX	VORTAC	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	ANX	VORTAC	149.00	329.00	R	1		3000	6000	4	5
2	E	ANX	VORTAC	088.00	268.00	R	1		2900	6000	4	5
3	SE		WP	154.93	334.93	R		4	3700	6000	5	6
4	NW	ANX	VORTAC	319.00	139.00	R	1		2900	6000	4	5
5	SE	ANX	VORTAC	152.93	332.93	R	1		3000	6000	4	5
6	E		WP	093.00	273.00	R		4	4000	6000	5	6
7	E		WP	093.00	273.00	R		7	4000	6000	9	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (29-001419)	390214.00N/0935549.00W	2046	1A
1	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	5D
2	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	5D
3	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	5D
4	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	5D
5	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	5D
6	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	5D
7	265	TOWER (29-001419)	390214.00N/0935549.00W	2046	1A

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3100.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PATTERN 7 EVALUATED AT 265 KTS FOR MILITARY TRAFFIC AT KMCI.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LAKES			KFLV	FORT LEAVENWORTH	KS (US)
DP	RACER			KFLV	FORT LEAVENWORTH	KS (US)
DP	LAKES			KIXD	OLATHE	KS (US)
DP	RACER			KIXD	OLATHE	KS (US)
DP	LAKES			KOJC	OLATHE	KS (US)
DP	RACER			KOJC	OLATHE	KS (US)
DP	LAKES			KMCI	KANSAS CITY	MO (US)
DP	RACER			KMCI	KANSAS CITY	MO (US)
DP	LAKES			KMKC	KANSAS CITY	MO (US)
DP	RACER			KMKC	KANSAS CITY	MO (US)
DP	LAKES			KLXT	LEE'S SUMMIT	MO (US)
DP	RACER			KLXT	LEE'S SUMMIT	MO (US)
DP	LAKES			KGPH	MOSBY	MO (US)
DP	RACER			KGPH	MOSBY	MO (US)
DP	LAKES			KSTJ	ST JOSEPH	MO (US)
DP	RACER			KSTJ	ST JOSEPH	MO (US)
EN ROUTE	V10-12					(US)
EN ROUTE	V10-206					(US)
EN ROUTE	V12					(US)
EN ROUTE	V13-159-161					(US)
EN ROUTE	V13-161					(US)
EN ROUTE	V159					(US)
EN ROUTE	V424					(US)
IAP	NDB RWY 33			KFLV	FORT LEAVENWORTH	KS (US)
IAP	NDB OR GPS-D			KK34	GARDNER	KS (US)
IAP	ILS OR LOC RWY 36			KIXD	OLATHE	KS (US)
IAP	LOC RWY 36		4	KOJC	OLATHE	KS (US)
IAP	LOC/DME RWY 18		4	KOJC	OLATHE	KS (US)
IAP	NDB-B			KOJC	OLATHE	KS (US)
IAP	VOR OR GPS RWY 19			K3EX	EXCELSIOR SPRINGS	MO (US)
IAP	GPS RWY 27			K3GV	GRAIN VALLEY	MO (US)
IAP	GPS RWY 9			K3GV	GRAIN VALLEY	MO (US)
IAP	VOR OR GPS RWY 23		2	K3GV	GRAIN VALLEY	MO (US)
IAP	VOR/DME RNAV RWY 27			K3GV	GRAIN VALLEY	MO (US)
IAP	ILS OR LOC RWY 19L		2	KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 1R		2	KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 27			KMCI	KANSAS CITY	MO (US)

QUALITY 3 CHECKED

IAP	ILS OR LOC RWY 9 (ALT MISSED APCH)	1	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 1R (CAT II)	2	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 1R (CAT III)	2	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19L	7	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 1R	7	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 27		KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 19L	6	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 1R	6	KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 19	1	KMKC	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 3	5	KMKC	KANSAS CITY	MO (US)
IAP	NDB RWY 19	1	KMKC	KANSAS CITY	MO (US)
IAP	RNAV (GPS) RWY 21	3	KMKC	KANSAS CITY	MO (US)
IAP	VOR RWY 19	1	KMKC	KANSAS CITY	MO (US)
IAP	VOR RWY 21	5	KMKC	KANSAS CITY	MO (US)
IAP	VOR RWY 3	5	KMKC	KANSAS CITY	MO (US)
IAP	VOR/DME-A	2	KLXT	LEE'S SUMMIT	MO (US)
IAP	NDB RWY 36		KMHL	MARSHALL	MO (US)
IAP	ILS OR LOC/DME RWY 18	4	KGPH	MOSBY	MO (US)
IAP	RNAV (GPS) RWY 36		KGPH	MOSBY	MO (US)
IAP	VOR/DME-A		KRCM	WARRENSBURG	MO (US)
STAR	BRAYMER		KFLV	FORT LEAVENWORTH	KS (US)
STAR	TYGER		KFLV	FORT LEAVENWORTH	KS (US)
STAR	BRAYMER		KIXD	OLATHE	KS (US)
STAR	TYGER		KIXD	OLATHE	KS (US)
STAR	BRAYMER		KOJC	OLATHE	KS (US)
STAR	TYGER		KOJC	OLATHE	KS (US)
STAR	BRAYMER		KMCI	KANSAS CITY	MO (US)
STAR	TYGER		KMCI	KANSAS CITY	MO (US)
STAR	BRAYMER		KMKC	KANSAS CITY	MO (US)
STAR	TYGER		KMKC	KANSAS CITY	MO (US)
STAR	BRAYMER		KLXT	LEE'S SUMMIT	MO (US)
STAR	TYGER		KLXT	LEE'S SUMMIT	MO (US)
STAR	BRAYMER		KGPH	MOSBY	MO (US)
STAR	TYGER		KGPH	MOSBY	MO (US)
STAR	BRAYMER		KSTJ	ST JOSEPH	MO (US)
STAR	TYGER		KSTJ	ST JOSEPH	MO (US)
STAR	KAYLA (RNAV)		KSTL	ST LOUIS	MO (US)
STAR	TRAKE		KSTL	ST LOUIS	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 03/07/2013

REASON FOR REVISION:
ADDED HOLDING PATTERN 6 & 7 AND ASSOCIATED DATA.
ADDED HOLDING PATTERN 6 & 7 CONTROLLING OBSTRUCTION DATA.
CHANGED HOLDING OBSTACLE, TOWER 29-004114, FROM ACCURACY CODE 1A TO 5D.
ADDED REMARK: HOLDING PATTERN 7 EVALUATED AT 265 KTS FOR MILITARY TRAFFIC AT KMCI.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 09/26/2012 **OFFICE:** AJV-353 **NAME:** BRIAN BICKETT

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ROMNS **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 392425.53N/0944018.37W **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	DIST FROM FAC FEET	MRA	MAA
1	KANSAS CITY	I-DYH	LOC/DME		010.95	012.95	7.90	7.89		3000	5500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
ILS DME COORDINATES: 391643.62N-0944238.55W
8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES.

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 03/07/2013

REASON FOR REVISION:
REMOVED FAC 2.
UPDATED FIX USE.
UPDATED FIX COORDINATES; FIX MOVED 619.99 FT NORTH.
FAC 1: DME DISTANCE CHANGED FROM 7.80 TO 7.90, ADDED DISTANCE FROM FAC IN NM, MAGVAR CHANGED FROM 5E TO 2E.
ADDED WP TO FIX USE.
ADDED 8260.54A FORMULA 2-16B REMARK.

DEVELOPED BY: **DATE:** 09/25/2012 **OFFICE:** AJV-353 **NAME:** DAVID DANNER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: UMREW **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 392015.94N/0944132.39W **TYPE:** WP, RADAR, 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	DIST FROM FAC FEET	MRA	MAA
1	KANSAS CITY	I-DYH	LOC/DME		010.95	012.95	3.64	3.63		1540	5500

REMARKS:
8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES.
ILS DME COORDINATES: 391643.62N-0944238.55W

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/07/2013

DEVELOPED BY: **DATE:** 10/03/2012 **OFFICE:** AJV-353 **NAME:** DAVID DANNER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

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

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YOVNU **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 393033.00N/0943829.12W **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	DIST FROM FAC FEET	MRA	MAA
1	KANSAS CITY	I-DYH	LOC/DME		010.95	012.95	14.18	14.17		5000	5500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-DYH	LOC/DME	R-011	15	5000	5500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
ILS DME COORDINATES: 391643.62N-0944238.55W
8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES.

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 03/07/2013

REASON FOR REVISION:
UPDATED FIX USE.
REMOVED FAC 2.
UPDATED FIX COORDINATES; FIX MOVED 2449.49 FT NORTH.
FAC 1: DME DISTANCE CHANGED FROM 13.78 TO 14.18, ADDED DISTANCE FROM FAC IN NM, UPDATED MAGVAR FROM 5E TO 2E.
UPDATED ESV FORMAT, RADIAL CHANGED FROM 008 TO 011 DUE TO MAGVAR, DISTANCE CHANGED FROM 14 TO 15.
ADDED 8260.51A FORMULA 2-16B REMARK.

DEVELOPED BY: **DATE:** 09/25/2012 **OFFICE:** AJV-353 **NAME:** DAVID DANNER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ZASBO **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 392729.27N/0943923.79W **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	DIST FROM FAC FEET	MRA	MAA
1	KANSAS CITY	I-DYH	LOC/DME		010.95	012.95	11.04	11.03		4000	5500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
ILS DME COORDINATES: 391643.62N-0944238.55W
8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES.

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 03/07/2013

REASON FOR REVISION:
REMOVED FAC 2.
UPDATED FIX USE.
UPDATED FIX COORDINATES; FIX MOVED 1390.32 FT NORTH.
FAC 1: DME DISTANCE CHANGED FROM 10.81 TO 11.04, ADDED DISTANCE FROM FAC IN NM, MAGVAR CHANGED FROM 5E TO 2E.
ADDED 8260.54A FORMULA 2-16B REMARK.

DEVELOPED BY: **DATE:** 09/25/2012 **OFFICE:** AJV-353 **NAME:** DAVID DANNER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ST JOSEPH VORTAC **STATE:** MO **COUNTRY:** US

INFO ONLY

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	DIST FROM FAC FEET	MRA	MAA
1	ST JOSEPH	STJ	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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N	STJ	VORTAC	347.00	167.00	R	1-1 1/2		2700	17500	6	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (29-001514)	395834.00N/0945838.00W	1520	5D
1	265	TOWER (29-001514)	395834.00N/0945838.00W	1520	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
230K/265K PATTERN USED FOR MILITARY REQUIREMENTS.

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	CHIEF			KIXD	OLATHE	KS (US)
DP	ROYAL			KIXD	OLATHE	KS (US)
DP	CHIEF			KOJC	OLATHE	KS (US)
DP	ROYAL			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	CHIEF			KMKC	KANSAS CITY	MO (US)
DP	ROYAL			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	BLUFS			KOMA	OMAHA	NE (US)
EN ROUTE	J18					(US)
EN ROUTE	V159					(US)
EN ROUTE	V50					(US)
EN ROUTE	V77					(US)
IAP	VOR/DME RNAV OR GPS RWY 16			KK59	ATCHISON	KS (US)
IAP	NDB RWY 33			KFLV	FORT LEAVENWORTH	KS (US)
IAP	VOR/DME-A			KFLV	FORT LEAVENWORTH	KS (US)
IAP	NDB RWY 35			KEZZ	CAMERON	MO (US)
IAP	ILS OR LOC RWY 19L			KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 19R			KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 1L			KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 27			KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II)			KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT III)			KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19L			KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R			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			KSTJ	ST JOSEPH	MO (US)
IAP	VOR OR TACAN RWY 17		1	KSTJ	ST JOSEPH	MO (US)
IAP	VOR/DME OR TACAN RWY 35			KSTJ	ST JOSEPH	MO (US)
STAR	ROBINSON			KFLV	FORT LEAVENWORTH	KS (US)
STAR	ROBINSON			KIXD	OLATHE	KS (US)
STAR	ROBINSON			KOJC	OLATHE	KS (US)
STAR	ROBINSON			KMCI	KANSAS CITY	MO (US)

QUALITY

STAR	ROBINSON	KMKC	KANSAS CITY	MO (US)
STAR	ROBINSON	KSTJ	ST JOSEPH	MO (US)
STAR	MARWI	KOFF	OMAHA	NE (US)
STAR	MARWI	KOMA	OMAHA	NE (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 04/08/2010

REASON FOR REVISION:
ADDED 265 KNOT OBSTACLE TO HOLD PAT 1; UPDATED 230 KNOT CONTROLLING OBSTACLE IDENTIFICATION.
ADDED PRECIPITOUS TERRAIN EVAL NOTE.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 10/30/2009 **OFFICE:** AVN-101 **NAME:** EUGENE NEWTON (DAN POWELL)

APPROVED BY: **DATE:** 01/20/2010 **OFFICE:** AVN-120 **NAME:** SUE CRUMB

SIGNATURE:

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

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **KANSAS CITY** STATE: **MO**

AIRPORT NAME: **KANSAS CITY INTL** ID: **KMCI**

PROCEDURE: **RNAV (GPS) Y RWY 19L** AMDT: **2**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **3.03**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **192.96**
4. High Terrain in **FINAL** segment containing 1000' point **969**
5. Distance from **THLD** to 1500' point **4.71**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.95**
7. True Course of **FINAL** segment containing 1500' point **192.96**
8. High Terrain in **FINAL** segment containing 1500' point **969**
9. Threshold Coordinates (if straight-in) ... **391824.74N** / **0944205.32W**
10. ARP Coordinates ..... **391751.38N** / **0944250.06W**
11. Runway Approach End and distance furthest from ARP.....RWY **19R**
    Distance **1.51** NM
12. FAF Coordinates ..... **392312.03N** / **0944040.19W**
    (Click to Select)

REMARKS: Approach/Drawing attached.

Federal Aviation Administration

CONCURRENCES
ROUTING SYMBOL AJV-34 SBaker
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 JOlson
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 LStrout
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-34 JAlfonso
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE

Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Larry H. Strout, Manager, Central Products Team, AJV-353

Subject: **ACTION:** Magnetic Variation Change for Kansas City, MO (KMCI)

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility" column will be revised effective concurrent with the publication of the procedure(s) listed below.

ILS OR LOC RWY 1L, AMDT 15
ILS OR LOC RWY 1R, ILS RWY 1R (CAT II), ILS RWY 1R (CAT III), AMDT 4
ILS OR LOC RWY 9, AMDT 14
ILS OR LOC RWY 19L, AMDT 2
ILS OR LOC RWY 19R, ILS RWY 19R (CAT II), ILS RWY 19R (CAT III), AMDT 11,
ILS OR LOC RWY 27, AMDT 3
RNAV (GPS) Y RWY 1L, AMDT 2
RNAV (GPS) Y RWY 1R, AMDT 2
RNAV (GPS) Y RWY 9, AMDT 2
RNAV (GPS) Y RWY 19L, AMDT 2
RNAV (GPS) Y RWY 19R, AMDT 2
RNAV (GPS) Y RWY 27, AMDT 2
RNAV (RNP) Z RWY 1L, AMDT 1
RNAV (RNP) Z RWY 1R, AMDT 1
RNAV (RNP) Z RWY 9, AMDT 1
RNAV (RNP) Z RWY 19L, AMDT 1
RNAV (RNP) Z RWY 19R, AMDT 1
RNAV (RNP) Z RWY 27, AMDT 1

Estimated Chart Date: 03/07/2013

Please publish these changes in the National Flight Data Digest.

MISSOURI

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
Kansas City	Kansas City Intl	Airport	KMCI / MCI	Old 5° East New 2° East	2015
Kansas City		ILS	DOT	Old 5° East New 2° East	2015
Kansas City		ILS	DYH	Old 5° East New 2° East	2015
Kansas City		ILS (CAT II/III)	PAJ	Old 3° East New 2° East	2015
Kansas City		ILS (CAT II/III)	PVL	Old 3° East New 2° East	2015
Kansas City		ILS	RNI	Old 5° East New 2° East	2015
Kansas City		ILS	UQY	Old 5° East New 2° East	2015

If you have any questions please notify Larry H. Strout, larry.h.strout@faa.gov (405-954-5070).

cc: AJV-3rf
sjb:x7537:8-28-12: (U:\AVN100\PIT\MAGVAR\MAGVAR\MAGVAR Letters 2013\MV Change Request for Kansas City, MO (KMCI) 8-28-12 Requestor: Don Lanier, Evaluated By: LFortier