Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 06/30/2011	Task #: 2011063028033703002	Request #: 20110630280337
Procedure: ILS OR LOC RWY 19 AMDT 23		Airport ID: KMKC	Airport: CHARLES B. WHEELER DOWNTOWN		Reimbursable #:
City: KANSAS CITY	ST: MO	GPS #:		Estimated Chart Date: 05/31/2012	FICO #:
Fac ID: MKC	Fac. Type: ILS	Specialist: JOHN LINDSEY(Contractor)			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	09/28/2011	03/05/2012	DAVID PUGLISI	
QA:	03/05/2012	03/05/2012	DAVID PUGLISI	
Liaison:	03/05/2012		Terrell	

P1

Procedure Comments:

Remark Type: INFORMATION

pg 2 of 7

KANSAS CITY, MO CHARLES B. WHEELER DOWNTOWN (KMKC) ILS OR LOC RWY 19, AMDT 23 ENROUTE-NO FC: 4.3.12 PUB: 5.31.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): (INFO ONLY) CFBBT, REV 1; KENZY (MK) LOM, REV 4; NAPOLEON (ANX) VTAC, REV 11; RUGBB-INT, REV 6; WEKLA-INT, ORIG.

CONTACT: JILL OLSON, AJV-353 LEAD, 405.954.9568:

LOC I-MKC	APP CRS	Rwy ldg	6525
109.9	188°	THRE	754
		Apt Elev	757

NEW

ILS or LOC RWY 19

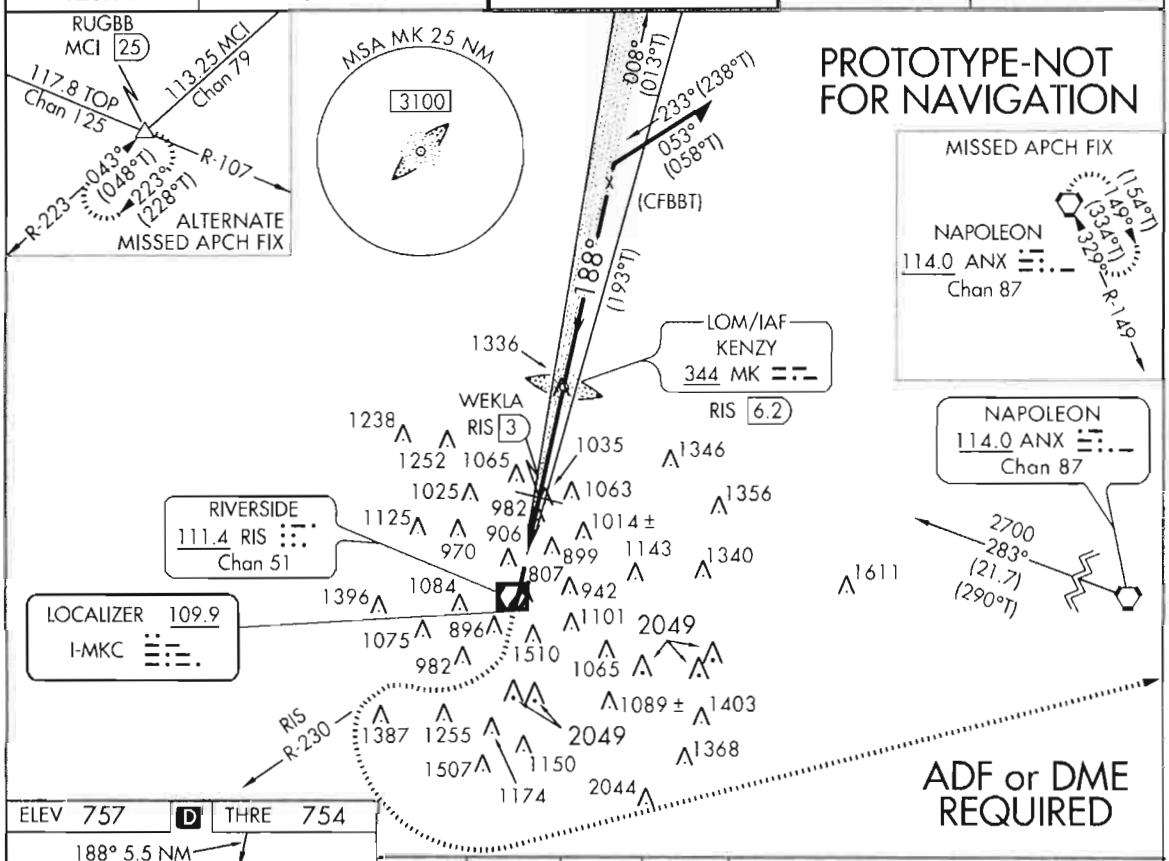
KANSAS CITY/CHARLES B. WHEELER DOWNTOWN (MKC)

For inoperative MALSF, increase S-LOC 19 Cat C/D visibility to 2, increase WEKLA fix minimums S-LOC 19 Cat D visibility to 1⅝. Circling NA east of Rwy 1-19. Visibility reduction by helicopters NA. Circling NA for Cat D to Rwy 3. DME from RIS VOR/DME.

MALSF

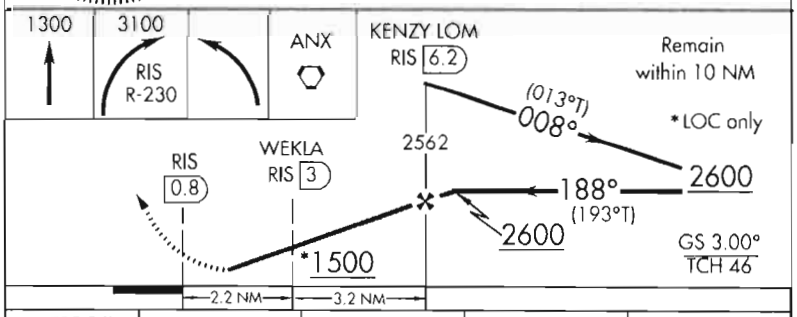
MISSED APPROACH: Climb to 1300 then climbing right turn to 3100 via RIS VOR/DME R-230 then left turn direct ANX VORTAC and hold.

ATIS	KANSAS CITY APP CON	DOWNTOWN TOWER	CLNC DEL (GCO)	122.8
120.75	118.4 294.7	133.3 257.8	121.9	



ELEV 757 D THRE 754

188° 5.5 NM from FAF

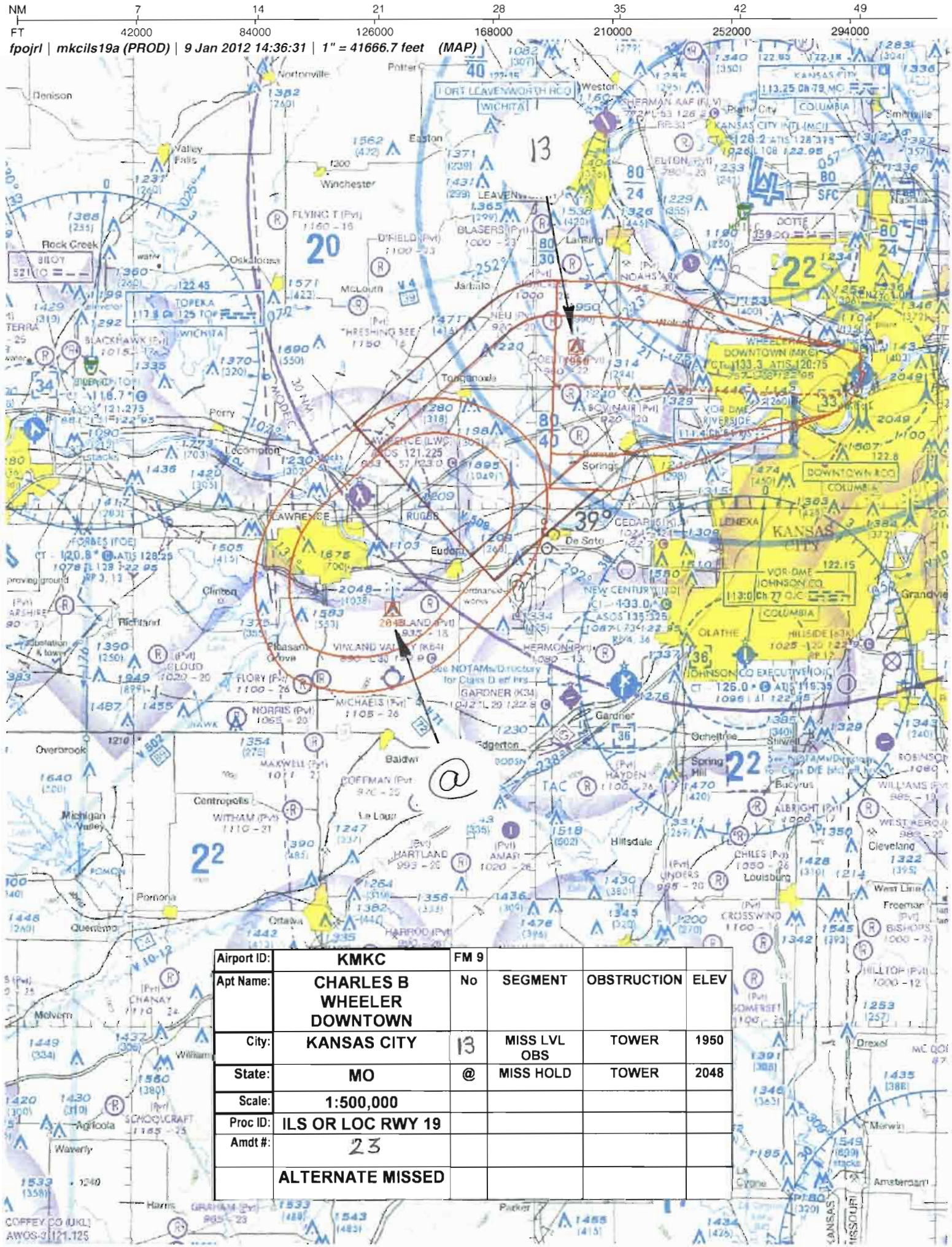


RAIL Rwy 1
REIL Rwys 1 and 21
HIRL Rwys 1-19 and 3-21

CATEGORY	A	B	C	D
S-ILS 19	1004/40 250 (300-¾)			
S-LOC 19	1500/40 746 (800-¾)	1500/55 746 (800-1¼)	1500/1⅞ 746 (800-1⅞)	
CIRCLING	1500-1 743 (800-1)	1500-1¼ 743 (800-1¼)	1500-2¼ 743 (800-2¼)	1500-2½ 743 (800-2½)
WEKLA FIX MINIMUMS				
S-LOC 19	1300/40 546 (600-¾)		1300-1⅜ 546 (600-1⅜)	
CIRCLING	1380-1 623 (700-1)	1400-1 643 (700-1)	1400-1¾ 643 (700-1¾)	1400-2 643 (700-2)

FAF to MAP 5.5 NM

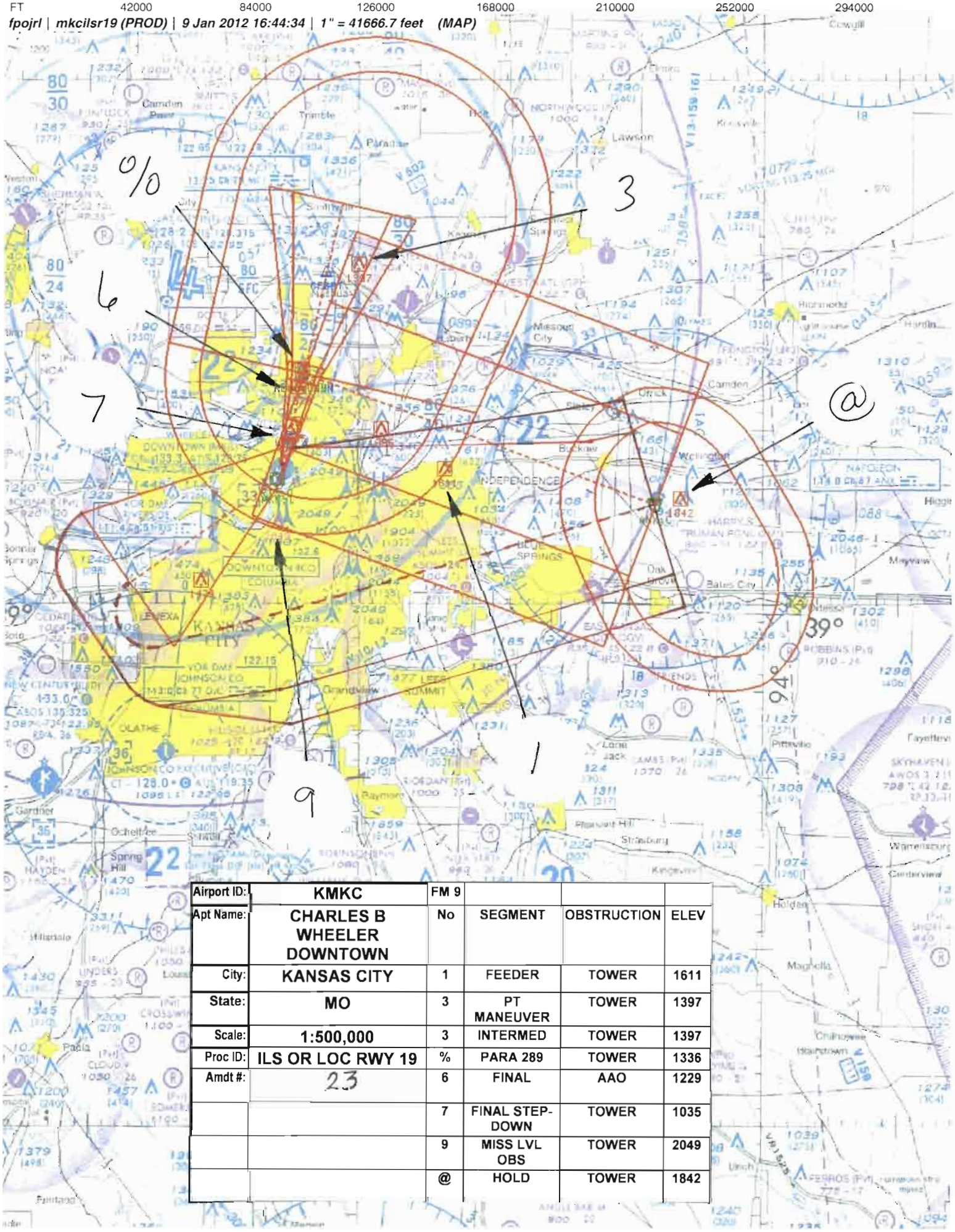
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50


NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000
fpojrl | mkcils19a (PROD) | 9 Jan 2012 14:36:31 | 1" = 41666.7 feet (MAP)
13
@
Airport ID: KMKC
FM 9
Apt Name: CHARLES B WHEELER DOWNTOWN
No
SEGMENT
OBSTRUCTION
ELEV
City: KANSAS CITY
13
MISS LVL OBS
TOWER
1950
State: MO
@
MISS HOLD
TOWER
2048
Scale: 1:500,000
Proc ID: ILS OR LOC RWY 19
Amdt #: 23
ALTERNATE MISSED

NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

fpojrl | mkcilsr19 (PROD) | 9 Jan 2012 16:44:34 | 1" = 41666.7 feet (MAP)



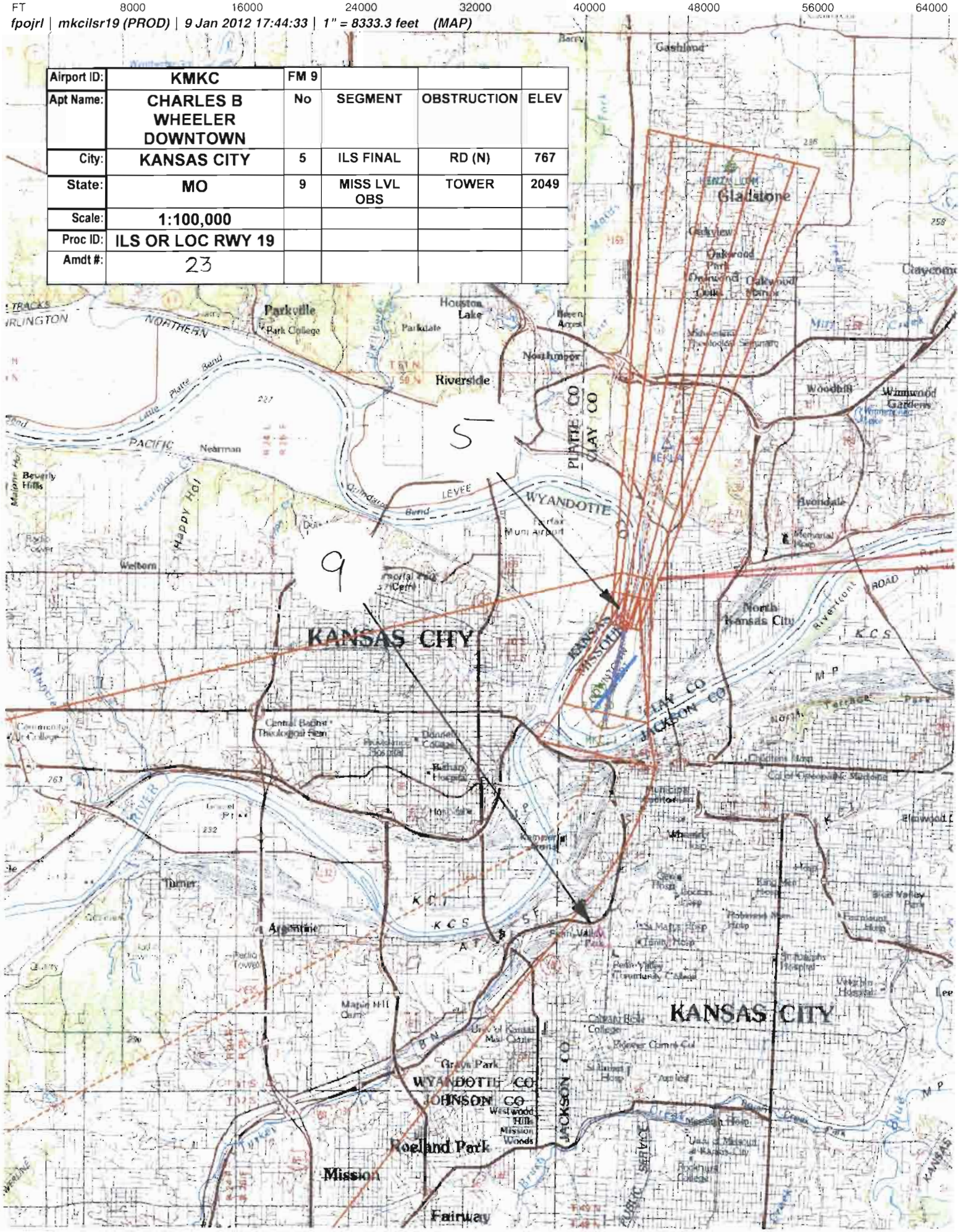
Airport ID:	KMKC	FM 9			
Apt Name:	CHARLES B WHEELER DOWNTOWN	No	SEGMENT	OBSTRUCTION	ELEV
City:	KANSAS CITY	1	FEEDER	TOWER	1611
State:	MO	3	PT MANEUVER	TOWER	1397
Scale:	1:500,000	3	INTERMED	TOWER	1397
Proc ID:	ILS OR LOC RWY 19	%	PARA 289	TOWER	1336
Amdt #:	23	6	FINAL	AAO	1229
		7	FINAL STEP-DOWN	TOWER	1035
		9	MISS LVL OBS	TOWER	2049
		@	HOLD	TOWER	1842

NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

fpojrl | mkcilsr19 (PROD) | 9 Jan 2012 17:44:33 | 1" = 8333.3 feet (MAP)

Airport ID:	KMKC	FM 9			
Apt Name:	CHARLES B WHEELER DOWNTOWN	No	SEGMENT	OBSTRUCTION	ELEV
City:	KANSAS CITY	5	ILS FINAL	RD (N)	767
State:	MO	9	MISS LVL OBS	TOWER	2049
Scale:	1:100,000				
Proc ID:	ILS OR LOC RWY 19				
Amdt #:	23				

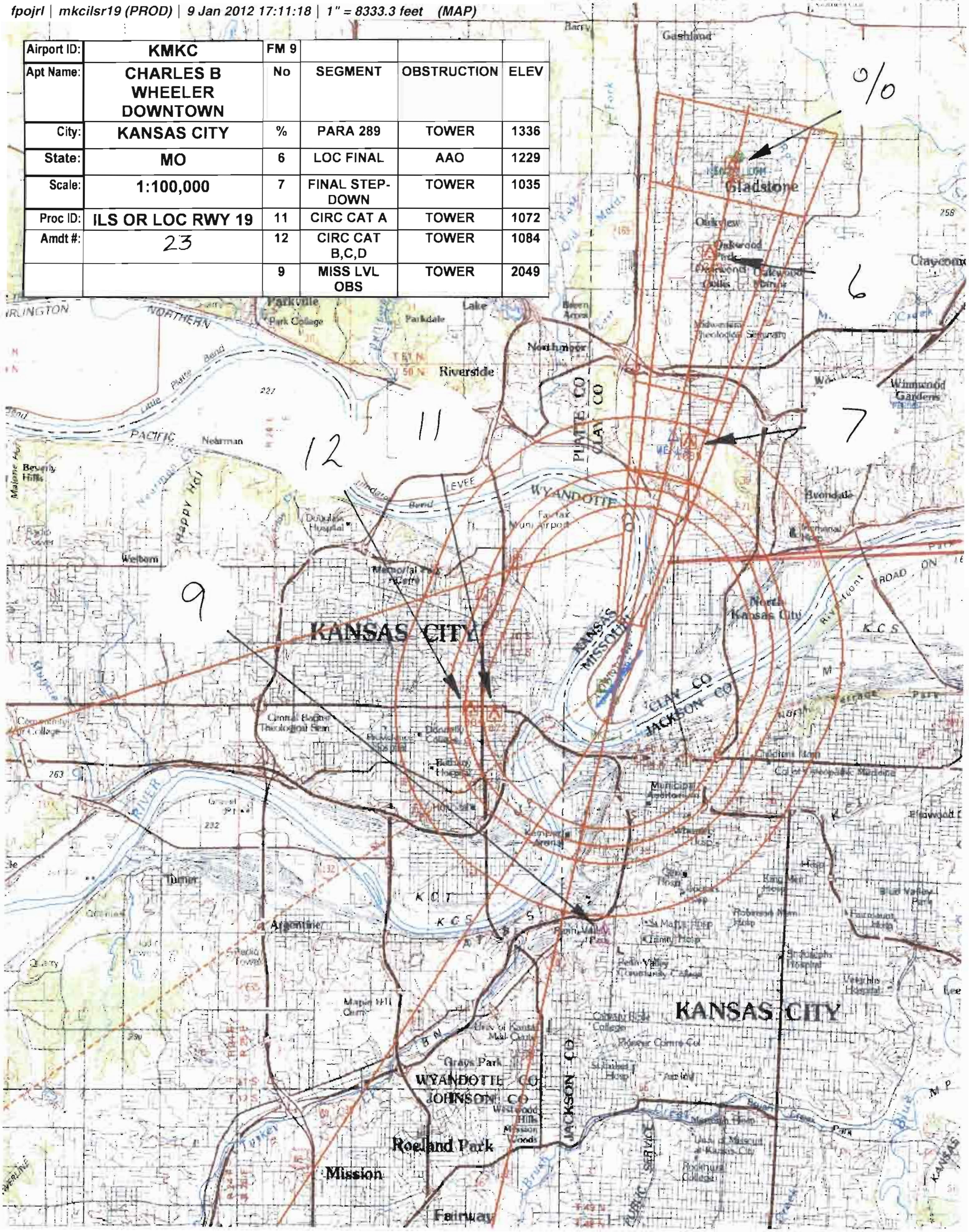


NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

fpojrl | mkcilsr19 (PROD) | 9 Jan 2012 17:11:18 | 1" = 8333.3 feet (MAP)

Airport ID:	KMKC	FM 9			
Apt Name:	CHARLES B WHEELER DOWNTOWN	No	SEGMENT	OBSTRUCTION	ELEV
City:	KANSAS CITY	%	PARA 289	TOWER	1336
State:	MO	6	LOC FINAL	AAO	1229
Scale:	1:100,000	7	FINAL STEP-DOWN	TOWER	1035
Proc ID:	ILS OR LOC RWY 19	11	CIRC CAT A	TOWER	1072
Amdt #:	23	12	CIRC CAT B,C,D	TOWER	1084
		9	MISS LVL OBS	TOWER	2049

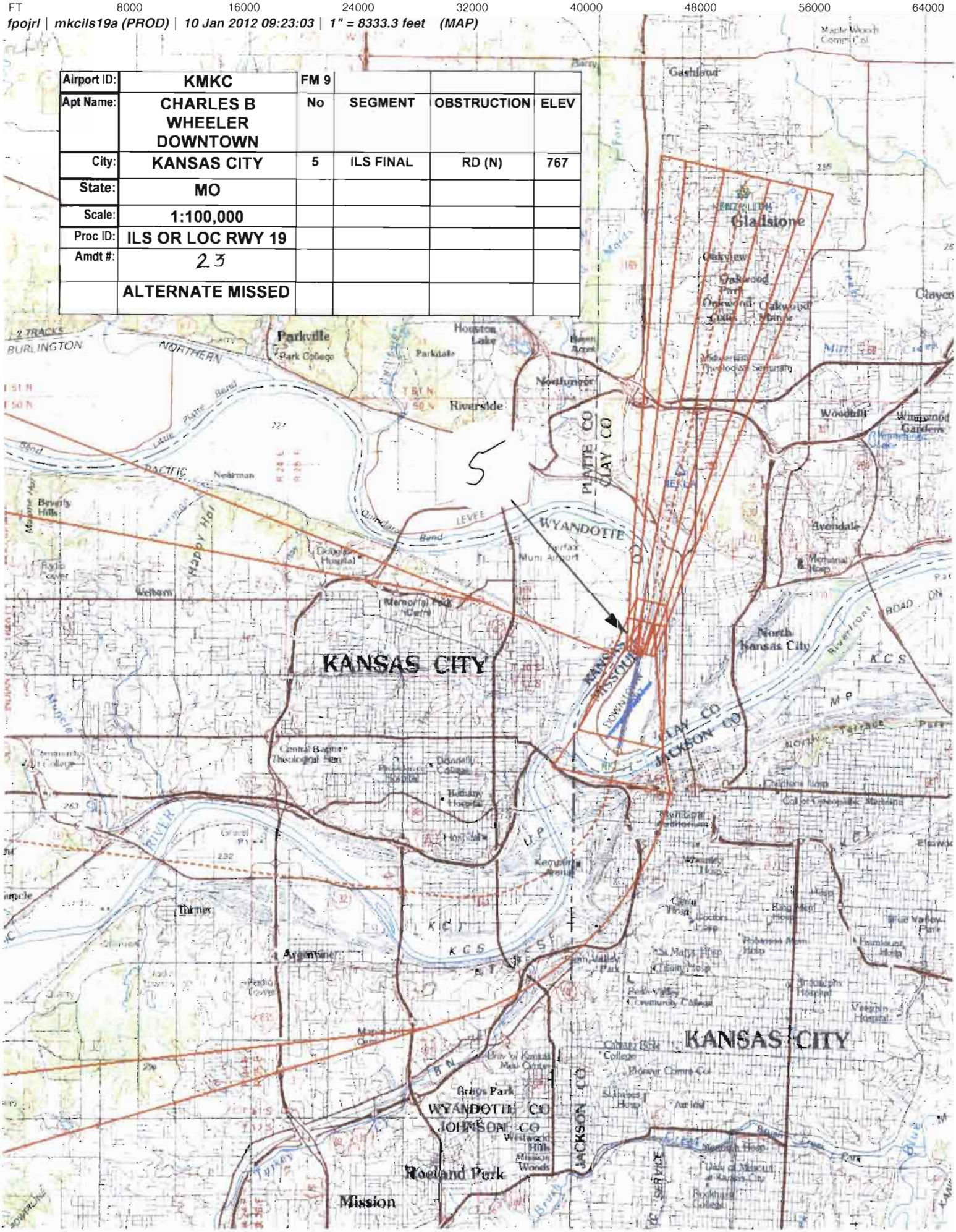


NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

fpojrl | mkcils19a (PROD) | 10 Jan 2012 09:23:03 | 1" = 8333.3 feet (MAP)

Airport ID:	KMKC	FM 9			
Apt Name:	CHARLES B WHEELER DOWNTOWN	No	SEGMENT	OBSTRUCTION	ELEV
City:	KANSAS CITY	5	ILS FINAL	RD (N)	767
State:	MO				
Scale:	1:100,000				
Proc ID:	ILS OR LOC RWY 19				
Amdt #:	23				
	ALTERNATE MISSED				

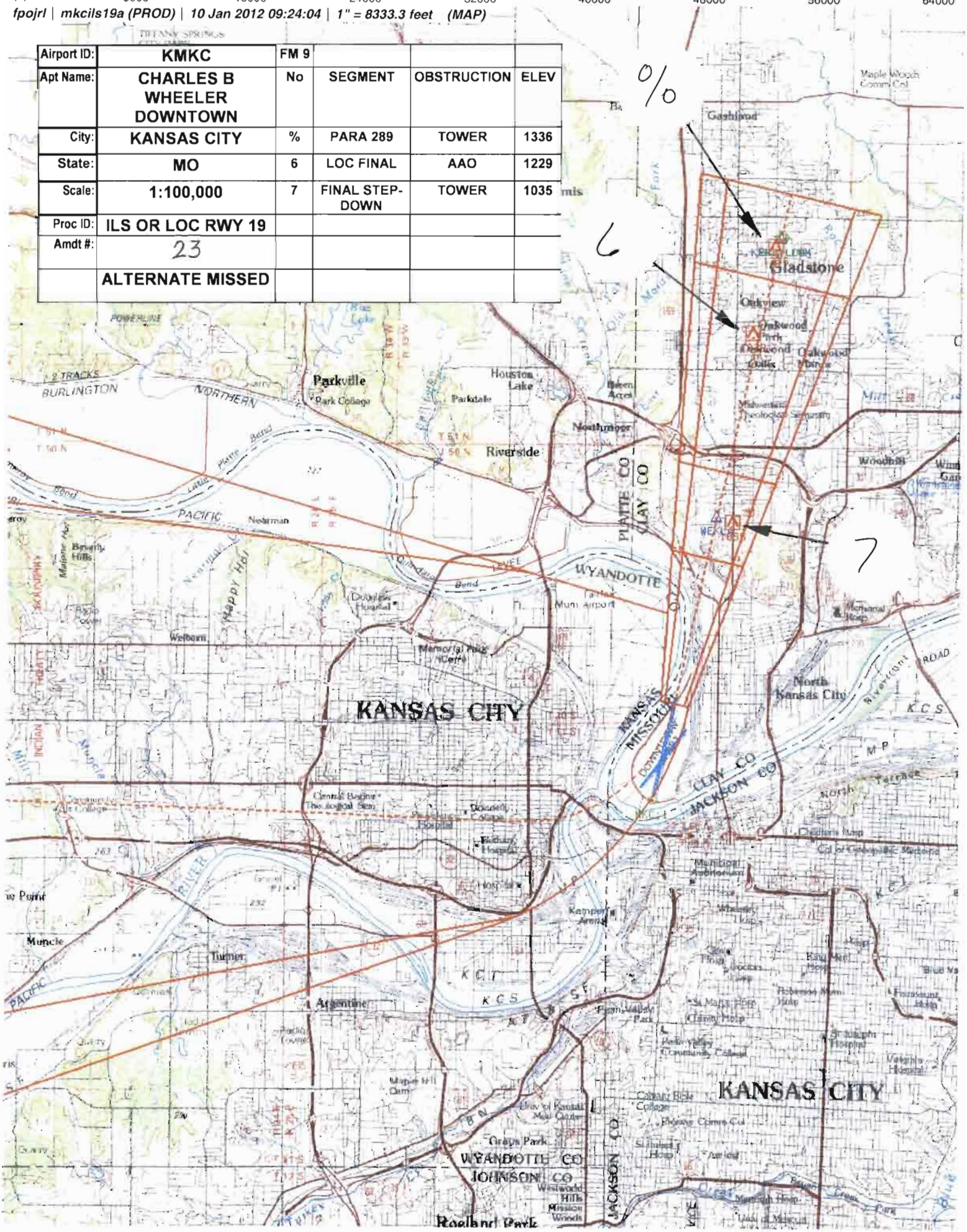


NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

fpojrl | mkcils19a (PROD) | 10 Jan 2012 09:24:04 | 1" = 8333.3 feet (MAP)

Airport ID:	KMKC	FM 9			
Apt Name:	CHARLES B WHEELER DOWNTOWN	No	SEGMENT	OBSTRUCTION	ELEV
City:	KANSAS CITY	%	PARA 289	TOWER	1336
State:	MO	6	LOC FINAL	AAO	1229
Scale:	1:100,000	7	FINAL STEP-DOWN	TOWER	1035
Proc ID:	ILS OR LOC RWY 19				
Amdt #:	23				
	ALTERNATE MISSED				



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ANX VORTAC	KENZY LOM/RIS 6.20 DME	283.43 / 21.67	2700

MISSED APPROACH

ILS: DA
LOC: 5.45 MILES AFTER KENZY LOM OR AT RIS 0.76 DME FIX

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3100 VIA RIS VOR/DME R-230 THEN LEFT TURN DIRECT ANX VORTAC AND HOLD, OR AS DIRECTED BY ATC, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3100 ON TOP VORTAC R-087 AND MCI VORTAC R-223 TO RUGBB INT/MCI 25.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 329.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW RUGBB INT/MCI 25.00 DME, RT, 043.24 INBOUND.
CHART FAS OBST: 1035 TOWER 390956N/0943434W
CHART 1336 TOWER 391304N/0943357W
CHART IN PLANVIEW: RUGBB INT/MCI 25.00 DME.
CHART: (CFBBT) AT 391906.60N/0943210.53W.

1. PT R SIDE OF COURSE 007.69 OUTBOUND 2600 FT WITHIN 10 MILES OF KENZY LOM (IAF)
2.
3. FAC: 187.69 FAF: KENZY LOM/RIS 6.20 DME DIST FAF TO MAP: 5.45 THLD: 5.45
4. MIN. ALT: KENZY LOM 2600, WEKLA/RIS 2.96 DME 1500*
5. DIST TO THLD FROM OM: 5.45 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1038
6. MIN GS INCPT: 2600 GS ALT AT: - OM: 2563 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 46.2
8. MSA FROM: MK LOM 3100

MAG VAR: 5E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ILS: STANDARD # LOC: 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
S-ILS 19	1004	4000	250	1004	4000	250	1004	4000	250	1004	4000	250			
S-LOC 19	1500	4000	746	1500	5500	746	1500	1 7/8	746	1500	1 7/8	746			
CIRCLING	1500	1	743	1500	1 1/4	743	1500	2 1/4	743	1500	2 1/2	743			
WEKLA FIX MINIMUMS															
S-LOC 19	1300	4000	546	1300	4000	546	1300	1 3/8	546	1300	1 3/8	546			
CIRCLING	1380	1	623	1400	1	643	1400	1 3/4	643	1400	2	643			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSF, INCREASE S-LOC 19 CAT C/D VISIBILITY TO 2, INCREASE WEKLA FIX MINIMUMS S-LOC 19 CAT D VISIBILITY TO 1 5/8.
CHART NOTE: CIRCLING NA E OF RWY 1-19.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

CAT A, B 800-2, CAT C 800-2 1/4, CAT D 800-2 1/2
@ CAT C 800-2 1/4, CAT D 800-2 1/2

CITY AND STATE	ELEVATION: 757 THRE: 754	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: CHARLES B. WHEELER DOWNTOWN	I-MKC	ILS OR LOC RWY 19, AMDT 23	AMDT: 22B
				DATED 06/30/2011

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 APP CON, MKC ATCT, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: JOSE ALFONSO (JOHN R. LINDSEY)	FIFO AJV-353	DATE: 01/11/2012

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

CHANGES:

1. CHANGED CHART NOTE: CIRCLING CAT C/D NA RWY 3 TO READ CIRCLING NA FOR CAT D TO RWY 3.
2. CHANGED ALTERNATE MISSED APPROACH FROM OJC VOR/DME TO RUGBB INT AND REWORDED ALTERNATE MISSED INSTRUCTIONS.
3. ADDED CHART NOTE: CIRCLING NA EAST OF RWY 1-19.
4. ADDED CHARTING OF ALTERNATE MISSED APPROACH.

REASONS:

1. CAT C ALLOWED TO RWY 3 PER FPT.
2. OJC VOR/DME DECOMMISSIONING.
3. TO MATCH ILS OR LOC RWY 3 PROCEDURE RESTRICTIONS.
4. ATC REQUEST.

PDF EDITS:
8260-3:
ADDED SYMBOLS TO ALTERNATE MINIMUMS.
8260-9:
ADDED LAWRS TO BLOCK 2.

QUALITY CHECKED 5

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
CHART NOTE: CIRCLING NA FOR CAT D TO RWY 3.
CHART PROFILE NOTE: *LOC ONLY.
CHART NOTE: DME FROM RIS VOR/DME.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 757 THRE: 754	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: CHARLES B. WHEELER DOWNTOWN	I-MKC	ILS OR LOC RWY 19, AMDT 23	AMDT: 22B
				DATED: 06/30/2011

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:

REASONS:

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ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ANX   K3011400VTLW N39054353W094074381    N39054353W094074381E0070008781     NARNAPOLEON
        SUSAD        RIS   K3011140VDTW N39071340W094354773    N39071340W094354773E0050007400     NARRIVERSIDE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CFBBT K30    W     N39190660W094321053                    E0021     NAR           CNF(CFBBT)
        SUSAEAENRT   KENZY K30    R     N39131506W094335264                    E0022     NAR           KENZY LOM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKCK3AMKC     0     068YHN39072257W094353416E005000757         1800018000C    MNAR    CHARLES B. WHEELER DOWNTOWN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKCK3FI19   AANX   010ANX  K3D 0V       IF                                          18000                  0 NS
        SUSAP KMKCK3FI19   AANX   020KENZYK3EA0E       TF                                   + 02700                       0 NS
        SUSAP KMKCK3FI19   AANX   030KENZYK3EA0EE AL    PI RIS K3      0089006205270100D   + 02600                       0 NS
        SUSAP KMKCK3FI19   I      010CFBBTK3EA0E  I     IF IMKCK3      00770126        PI  J 026000260018000             0 NS
        SUSAP KMKCK3FI19   I      020KENZYK3EA0E  F     CF IMKCK3      0077006618800060PI  H 0260002563        -300MK    K3PN0 NS
        SUSAP KMKCK3FI19   I      030RW19 K3PG0GY M     CF IMKCK3      0077001118800055PI    00800             -300          0 NS
        SUSAP KMKCK3FI19   I      040         0  M      CA                      1877      + 01300                       0 NS
        SUSAP KMKCK3FI19   I      050RIS  K3D 0V        FA RIS K3      000000002300    D   + 03100                       0 NS
        SUSAP KMKCK3FI19   I      060ANX  K3D 0VY  L    DF                                + 03100                       0 NS
        SUSAP KMKCK3FI19   I      070ANX  K3D 0VE  R    HM                      3290T010  + 03100                       0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKCK3GRW19    0068271877 N39075581W094352506-0100    +0197400754030246150IIMKC1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKCK3IIMKC1   010990RW19 N39064963W0943544201877N39074490W0943522860337 10380584300E00504600741

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: **757** THRE: **754**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: **CHARLES B. WHEELER DOWNTOWN**	**I-MKC**	**ILS OR LOC RWY 19, AMDT 23**	AMDT: **22B**
				DATED: **06/30/11**

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
        SUSAP KMKCK3SMK   K3PN              0   18018003125                                                                M
                  1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKMKCK3 MK    K3003440HOLW N39131488W094335159                    E0050          NARKENZY
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 757 THRE: 754	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: CHARLES B. WHEELER DOWNTOWN	I-MKC	ILS OR LOC RWY 19, AMDT 23	AMDT: 22B
				DATED: 06/30/11

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ANX	ANX	010		IF		FB					
	ANX	KENZY	020		TF		FB				AA 02700	
	ANX	KENZY	030	IAF	PI	L	FB		052.7()	010.0	AA 02600	
		CFBBT	010	FACF	IF		FB				AA 02600 GI 02600	
		KENZY	020	FAF	CF		FB		188.0()	006.0	GI 02600 GS 02563	
		RW19	030	MAP	CF		FO		188.0()	005.5	AT 00800	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		187.7()		AA 01300	
	RIS	050		FA		FB		230.0()		AA 03100	
	ANX	060		DF	L	FO				AA 03100	
	ANX	070		HM	R	FO		329.0()	T01.0	AA 03100	

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
ANX	N390543.53	W0940743.81	N3905.726	W09407.730
RIS	N390713.40	W0943547.73	N3907.223	W09435.796
CFBBT	N391906.60	W0943210.53	N3919.110	W09432.176
KENZY	N391315.06	W0943352.64	N3913.251	W09433.877
RW19	N390755.81	W0943525.06	N3907.930	W09435.418
IMKC (LOC)	N390649.63	W0943544.20	N3906.827	W09435.737
MK	N391314.88	W0943351.59	N3913.248	W09433.860

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW19	00754	46

QUALITY CHECKED

CITY AND STATE	ELEVATION: 757 THRE: 754	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: CHARLES B. WHEELER DOWNTOWN	I-MKC	ILS OR LOC RWY 19, AMDT 23	AMDT: 22B
				DATED: 06/30/11

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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.

ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ANX   K3011400VTLW N39054353W094074381    N39054353W094074381E0070008781     NARNAPOLEON
        SUSAD        RIS   K3011140VDTW N39071340W094354773    N39071340W094354773E0050007400     NARRIVERSIDE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CFBBT K30    W     N39190660W094321053                      E0021     NAR           CNF(CFBBT)
        SUSAEAENRT   KENZY K30    R     N39131506W094335264                      E0022     NAR           KENZY LOM
        SUSAEAENRT   WEKLA K30    R     N39100470W094344778                      E0022     NAR           WEKLA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKCK3AMKC     0     068YHN39072257W094353416E005000757         1800018000C    MNAR    CHARLES B. WHEELER DOWNTOWN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKCK3FL19   AANX   010ANX  K3D 0V       IF                                          18000                 0 NS
        SUSAP KMKCK3FL19   AANX   020KENZYK3EA0E       TF                                   + 02700                      0 NS
        SUSAP KMKCK3FL19   AANX   030KENZYK3EA0EE AL    PI RIS K3      0089006205270100D   + 02600                      0 NS
        SUSAP KMKCK3FL19   L      010CFBBTK3EA0E  I     IF IMKCK3      00770126        PI  + 02600     18000            0 NS
        SUSAP KMKCK3FL19   L      020KENZYK3EA0E  F     CF IMKCK3      0077006618800060PI  + 02600                MK    K3PN0 NS
        SUSAP KMKCK3FL19   L      021WEKLAK3EA0E S      CF IMKCK3      0077003318800033PI  + 01500            -312      0 NS
        SUSAP KMKCK3FL19   L      030RW19 K3PG0GY M     CF IMKCK3      0077001118800022PI    00800            -312      0 NS
        SUSAP KMKCK3FL19   L      040          0  M     CA                      1877       + 01300                      0 NS
        SUSAP KMKCK3FL19   L      050RIS  K3D 0V        FA RIS K3      000000002300    D   + 03100                      0 NS
        SUSAP KMKCK3FL19   L      060ANX  K3D 0VY  L    DF                                 + 03100                      0 NS
        SUSAP KMKCK3FL19   L      070ANX  K3D 0VE  R    HM                      3290T010   + 03100                      0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKCK3GRW19    0068271877 N39075581W094352506-0100    +0197400754030246150IIMKC1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKCK3IIMKC1   010990RW19 N39064963W0943544201877N39074490W0943522860337 10380584300E00504600741

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: **757** THRE: **754**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: **CHARLES B. WHEELER DOWNTOWN**	**I-MKC**	**ILS OR LOC RWY 19, AMDT 23**	AMDT: **22B**
				DATED: **06/30/2011**

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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.

```
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKCK3SMK   K3PN                0   18018003125                                                                          M
                  1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKMKCK3 MK    K3003440HOLW N39131488W094335159                    E0050          NARKENZY
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 757 THRE: 754	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: CHARLES B. WHEELER DOWNTOWN	I-MKC	ILS OR LOC RWY 19, AMDT 23	AMDT: 22B
				DATED: 06/30/2011

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ANX	ANX	010		IF		FB					
	ANX	KENZY	020		TF		FB				AA 02700	
	ANX	KENZY	030	IAF	PI	L	FB		052.7()	010.0	AA 02600	
		CFBBT	010	FACF	IF		FB				AA 02600	
		KENZY	020	FAF	CF		FB		188.0()	006.0	AA 02600	
		WEKLA	021	SDF	CF		FB		188.0()	003.3	AA 01500	
		RW19	030	MAP	CF		FO		188.0()	002.2	AT 00800	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		187.7()		AA 01300	
	RIS	050		FA		FB		230.0()		AA 03100	
	ANX	060		DF	L	FO				AA 03100	
	ANX	070		HM	R	FO		329.0()	T01.0	AA 03100	

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
ANX	N390543.53	W0940743.81	N3905.726	W09407.730
RIS	N390713.40	W0943547.73	N3907.223	W09435.796
CFBBT	N391906.60	W0943210.53	N3919.110	W09432.176
KENZY	N391315.06	W0943352.64	N3913.251	W09433.877
WEKLA	N391004.70	W0943447.78	N3910.078	W09434.796
RW19	N390755.81	W0943525.06	N3907.930	W09435.418
IMKC (LOC)	N390649.63	W0943544.20	N3906.827	W09435.737
MK	N391314.88	W0943351.59	N3913.248	W09433.860

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW19	00754	46

QUALITY CHECKED

CITY AND STATE	ELEVATION: **757** THRE: **754**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: **CHARLES B. WHEELER DOWNTOWN**	**I-MKC**	**ILS OR LOC RWY 19, AMDT 23**	AMDT: **22B**
				DATED: **06/30/2011**

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:	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	ANX VORTAC	KENZY LOM/RIS	1. TOWER (29-000342)	390724.06N/0942321.21W	1611 (1A)	1000		2700
		6.20 DME	2. TERRAIN	391304.00N/0943357.00W	1033 (1000)		AS1500	2500
INTERMEDIATE: PT	10 NM	KENZY LOM/RIS	3. TOWER (29-000029)	391908.00N/0942949.00W	1397 (4D)	500		1900
		6.20 DME	4. TERRAIN	391724.00N/0943348.00W	1063 (1100)		AS1500	2600
FINAL: ILS	GS INTCP	DA	5. RD(N) (KMKC0001)	390801.65N/0943525.13W	767 (1A)	34:1		1004/250
FINAL: LOC	KENZY LOM/RIS	WEKLA/RIS 2.96	6. AAO	391204.64N/0943416.48W	1229 (2C)	250	XP21	1500
	6.20 DME	DME						
FINAL: LOC STEPDOWN	WEKLA/RIS 2.96	5.45 MILES AFTER	7. TOWER (29-002826)	390955.52N/0943434.10W	1035 (2C)	250		1300
	DME	KENZY LOM OR AT						
		RIS 0.76 DME						
		FIX						
2. PROCEDURE TURN	KENZY LOM	10 NM	3. TOWER (29-000029)	391908.00N/0942949.00W	1397 (4D)	1000		2400
			8. TERRAIN	391524.00N/0943918.00W	1083 (1100)		AS1500	2600
3. MISSED APPROACH — MAP:	DA / 5.45 MILES	ANX VORTAC				ASC		3100
	AFTER KENZY LOM		9. TOWER (29-000027)	390421.00N/0943546.00W	2049 (1A)	1000		3100
ELEV:	817/1050		10. TERRAIN	391100.00N/0944018.00W	1083 (1100)		AS1500	2600

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	743 / 623	11. TOWER (20-001197)	390649.00N/0943724.00W	1072 (1B)	300	SI	1500 / 1380
CATEGORY B	1.5 NM	450	743 / 643	12. TOWER (20-000229)	390653.00N/0943745.00W	1084 (2B)	300	SI	1500 / 1400
CATEGORY C	1.7 NM	450	743 / 643	12. TOWER (20-000229)	390653.00N/0943745.00W	1084 (2B)	300	SI	1500 / 1400
CATEGORY D	2.3 NM	550	743 / 643	12. TOWER (20-000229)	390653.00N/0943745.00W	1084 (2B)	300	SI	1500 / 1400
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: MK LOM

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (29-000027)	184/ 09.0	2049 (1A)	3100					

CITY AND STATE	ELEVATION: 757 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
KANSAS KITY, MO	CHARLES B. WHEELER DOWNTOWN	I-MKC	ILS OR LOC RWY 19, AMDT 23	ACE

PART B - SUPPLEMENTAL DATA

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

4. MONITOR STATUS	PRIMARY NAVAID:	I-MKC
	MONITOR POINT:	MKC ATCT
	HRS OPTN: CAT 1	24
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSF 19 (PCL)
	X	HIRL 21, 01, 19, 03
		MIRL
	X	REIL 21, 01
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 19 RAIL 01 VASI-4L 21, 01, 03

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 19, 03
	INSTRUMENT	NPI-G 21, 01
7. RUNWAY VISUAL RANGE	APPROACH	19, 03
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 754.2
	DISTANCE FROM RWY: 1038	ELEV GP ANTENNA: 746
		THRESHOLD CROSSING HEIGHT: 46.2

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

10. WAIVERS: NONE

PART D - PREPARED BY: JOSE ALFONSO (JOHN R. LINDSEY)	DATE: 01/11/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - FINAL DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KMKC ASOS ON SERVICE A.
VGSI DATA: 3.00/46.1

OBS 29-002904 AND 29-002903 DISMANTLED PER FPT.

MAGVAR NOT UPDATED PER FPT, 2015 VALUE IS -2E.

BLOCK 4: MKC:LOM
MONITORING LOCATION: MOCC
HOURS: 24
NO BACKUP ALTIMETER SOURCE REQUIRED, REDUNDANT SOURCES AVAILABLE.

THRESHOLD DISPLACED 302.

NO ADDITIONAL AIRSPACE REQUIRED.

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
34:1:
767 RD(N) (KMKC0001) 390801.65N/0943525.13W (1.77).

80:1 CLEARWAY PLANE PENETRATIONS:
767 RD(N) (KMKC0001) 390801.65N/0943525.13W (5.61).
767 RD(N) (KMKC0014) 390803.42N/0943523.50W (3.08).

80' USED FOR VEGETATION HEIGHTS PER FPO.

PFAF CORDINATES 391326.87N-0943349.21 USED FROM LPV BUILD USING .54A CRITERIA. ILS COORDINATES OFF BY .01 LONGITUDE DUE TO INCORRECT DOUBLE ROUNDING PROBLEM CURRENTLY IN IAPA PROGRAM ON ILS BUILDS.

OBSTACLE #5: PER FPO, NO VEHICLE ADDED TO ROAD FOR OBSTACLE ANALYSIS

PARA 289 APPLIED TO 1336 TOWER 391304.00N/0943357.00W.

CIRCLING RESTRICTION IAW ILS OR LOC RWY 3 PROCEDURE.

XP- 21 FT ADDED TO WEKLA CROSSING ALTITUDE TO MAINTAIN CURRENTLY PUBLISHED MDA.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 4000
13. TOWER (20-000940) 390858.00N/0945645.00W 1950 (5D)
1000 3000
14. TERRAIN 390633.00N/0950703.00W 1096 (1100) AS1500
2600

QUALITY CHECKED 5

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: CFBBT **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 391906.60N/0943210.53W **TYPE:** CNF

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

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

REMARKS:
NAME CHANGED FROM NEPXY TO CFBBT.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19			KMKC	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 01/12/2012

REASON FOR REVISION:
NAME CHANGED FROM NEPXY TO CFBBT.

DEVELOPED BY: **DATE:** 11/21/2011 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

APPROVED BY: **DATE:** 11/22/2011 **OFFICE:** AJV-353 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

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

QUALITY 5 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: KENZY LOM **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 391315.06N/0943352.64W **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	DIST FROM FAC FEET	MRA	MAA
1	KENZY	MK	LOM								17500
2	KANSAS CITY	I-MKC	LOC		007.69	012.69		6.58	39974	2600	5200
3	RIVERSIDE	RIS	VOR/DME	T	008.90	013.90	6.20	6.20		2600	5200

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

REMARKS:
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE KENZY LOM.
ACTUAL FACILITY LOCATION IS 391314.88N/0943351.59W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19	1, 2, 3		KMKC	KANSAS CITY	MO (US)
IAP	NDB RWY 19	1, 3		KMKC	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 02/10/2011

REASON FOR REVISION:
UPDATED FIX USE.
ADDED FAC 2/3 DIST FROM FAC NM 6.58/6.2.
ADDED FAC 2 MAG BRG 007.69.
ADDED FAC 3 MAG/TRUE BRG 008.90/013.90.
ADDED FAC 2 DIST FROM FAC 39974 FT.

DEVELOPED BY: **DATE:** 06/26/2010 **OFFICE:** AVN-120 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** 01/12/2011 **OFFICE:** AVN-120 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

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

QUALITY 5 CHECK

INFO ONLY

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		3100	6000	8	9
3	E		WP	088.00	268.00	R		4	3000	6000	5	6
4	SE		WP	154.93	334.93	R		4	3700	6000	5	6
5	NW	ANX	VORTAC	319.00	139.00	R	1		2900	6000	4	5
6	SE	ANX	VORTAC	152.93	332.93	R	1		3000	6000	4	5

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	1A
2	265	TOWER (29-001419)	390214.00N/0935549.00W	2046	1A
3	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	1A
4	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	1A
5	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	1A
6	200	TOWER (29-004114)	390540.00N/0940548.00W	1842	1A

REMARKS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3100.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LAKES			KFLV	FORT LEAVENWORTH	KS (US)
DP	LAKES			KIXD	OLATHE	KS (US)
DP	LAKES			KOJC	OLATHE	KS (US)
DP	LAKES			KMCI	KANSAS CITY	MO (US)
DP	LAKES			KMKC	KANSAS CITY	MO (US)
DP	LAKES			KSTJ	ST JOSEPH	MO (US)
EN ROUTE	V10					(US)
EN ROUTE	V12					(US)
EN ROUTE	V13					(US)
EN ROUTE	V159					(US)
EN ROUTE	V161					(US)
EN ROUTE	V206					(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		5	KOJC	OLATHE	KS (US)
IAP	LOC/DME RWY 18		5	KOJC	OLATHE	KS (US)
IAP	NDB-B			KOJC	OLATHE	KS (US)
IAP	VOR RWY 36			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)
IAP	ILS OR LOC RWY 9		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	ILS OR LOC RWY 19		1	KMKC	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 3		6	KMKC	KANSAS CITY	MO (US)
IAP	NDB RWY 19		1	KMKC	KANSAS CITY	MO (US)
IAP	RNAV (GPS) RWY 21		4	KMKC	KANSAS CITY	MO (US)
IAP	VOR RWY 19		1	KMKC	KANSAS CITY	MO (US)
IAP	VOR RWY 21		6	KMKC	KANSAS CITY	MO (US)
IAP	VOR RWY 3		6	KMKC	KANSAS CITY	MO (US)
IAP	RNAV (GPS) RWY 11		3	KLXT	LEE'S SUMMIT	MO (US)
IAP	VOR/DME-A		2	KLXT	LEE'S SUMMIT	MO (US)
IAP	VOR/DME OR GPS RWY 22			K4K3	LEXINGTON	MO (US)
IAP	NDB RWY 36			KMHL	MARSHALL	MO (US)
IAP	ILS OR LOC/DME RWY 18		5	KGPH	MOSBY	MO (US)

QUALITY CHECK 5

IAP	RNAV (GPS) RWY 36	KGPH	MOSBY	MO (US)
IAP	VOR/DME-A	KRCM	WARRENSBURG	MO (US)
STAR	BRAYMER	KMCI	KANSAS CITY	MO (US)
STAR	TYGER	KMCI	KANSAS CITY	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: 11 **DATE OF REVISION:** 03/08/2012

REASON FOR REVISION:
1. ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED REMARK.
2. ADDED HOLD PAT 6.
3. CHANGED HOLD PAT 4 INBOUND HEADING FROM 329.00 TO 334.93.
4. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/19/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (JOHN LINDSEY)

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

SIGNATURE:

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

QUALITY 5 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: RUGBB **STATE:** KS **COUNTRY:** US

LATITUDE/LONGITUDE: 390024.72N/0950808.95W **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	DIST FROM FAC FEET	MRA	MAA
1	KANSAS CITY	MCI	VORTAC	H	223.24	228.24	25.00	25.00		3100	17500
2	TOPEKA	TOP	VORTAC	L	106.88	111.88	20.83	20.83		2800	17500

HOLDING: **HOLDING TYPE OF ACTION:**

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	SW	MCI	VORTAC	223.24	043.24	R	1		4000	6000	5	6
2	SW		WP	223.24	043.24	R		4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (20-001146)	385346.00N/0951029.00W	2048	5D
2	200	TOWER (20-001146)	385346.00N/0951029.00W	2048	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
TOPEKA (FAC 2) AND KANSAS CITY (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V502	1, 2				(US)
EN ROUTE	V508	1, 2				(US)
IAP	ILS OR LOC RWY 33			KLWC	LAWRENCE	KS (US)
IAP	RNAV (GPS) RWY 17			KOWI	OTTAWA	KS (US)
IAP	RNAV (GPS) RWY 31			KTOP	TOPEKA	KS (US)
IAP	ILS OR LOC RWY 19R	1, 2	1	KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 27	1, 2	1	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II)	1, 2	1	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT III)	1, 2	1	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R		2	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Z RWY 19R		2	KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 19 (ALTERNATE MISSED)	1, 2	1	KMKC	KANSAS CITY	MO (US)
STAR	JHAWK	1, 2		KMCI	KANSAS CITY	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
DELETED FAC 3 AND DELETED ESV DUE TO OJC VOR/DME DECOMMISSIONING.
ADDED REMARKS "TOPEKA (FAC 2) AND KANSAS CITY (FAC 1) USED TO ESTABLISH FIX COORDINATES".
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/27/2011 **OFFICE:** AJV-311 **NAME:** TOBY HUFF (STEVE VANCAMP)

APPROVED BY: **DATE:** **OFFICE:** AJV-311 **NAME:** RAY NUSSEAR

SIGNATURE:

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

QUALITY 5 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: WEKLA **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 391004.70N/0943447.78W **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	DIST FROM FAC FEET	MRA	MAA
1	KANSAS CITY	I-MKC	LOC		007.69	012.69		3.33		1400	5200
2	RIVERSIDE	RIS	VOR/DME	T	010.24	015.24	2.96	2.96		1400	5200

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19	1, 2		KMKC	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 02/10/2011

DEVELOPED BY: **DATE:** 06/28/2010 **OFFICE:** AVN-120 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** 01/12/2011 **OFFICE:** AVN-120 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

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

QUALITY 5 CHECKED