

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KMKC	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 19	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> KANSAS CITY	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 757	<u>TDZE</u> 754	<u>SUPERSEDED</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 10/5/2023	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
BQS VOR/DME		DONNS		TF	FB	1.00	236.00	10.00	3000
DONNS	IAF	COVRI	NOPT	TF	FB	1.00	240.62	25.09	3000
COVRI	IF/IAF	ZODGA		TF	FB	1.00	191.73	7.10	2600
ZODGA	PFAF	RW19	MAP	TF	FO	0.30	191.71	5.65	
RW19	MAP	1300 MSL		CA			191.71		1300
1300 MSL		MIFEV		DF	FB	1.00			
MIFEV		YETUK		TF	FO	1.00	236.00	9.65	4000

**MISSED APPROACH**

**MAP:**

LPV: DA

LNAV/VNAV: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 DIRECT MIFEV AND ON TRACK 236.00 TO YETUK AND HOLD.

\*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 300 FEET PER NM TO 1500.

\*\*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 360 FEET PER NM TO 2400.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD N COVRI, RT, 191.73 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 191.71FAF: ZODGADIST FAF TO MAP: 5.65DIST FAF TO THLD: 5.65

4. MIN ALT: COVRI 3000, ZODGA 2600

5. DIST TO THLD FROM FAF: 5.65MM:IM:150 HAT:250 HAT: 0.64GS ANT:

6. MIN GP INCPT: 2600GP ALT AT PFAF : ZODGA 2600OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 46.1

8. MSA FROM: RW19 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.  
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV\* ALL CATS.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BQS VOR/DME ON V502 NORTHEAST BOUND.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY ALL CATS TO RVR 5500.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 296.19 INBOUND.  
WAAS CHANNEL # 90320  
REFERENCE PATH ID: W19A  
LTP HAE: 197.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA*	1004	4000	250	1004	4000	250	1004	4000	250	1004	4000	250			
LPV DA	1097	4000	343	1097	4000	343	1097	4000	343	1097	4000	343			
LNAV/VNAV DA**	1077	4000	323	1077	4000	323	1077	4000	323	1077	4000	323			
LNAV/VNAV DA	1468	1 3/4	714	1468	1 3/4	714	1468	1 3/4	714	1468	1 3/4	714			



**CHANGES - REASONS**

1. PROCEDURE NAME CHANGE FROM RNV (GPS) RWY 19 TO RNAV (GPS) Z RWY 19.
2. REMOVED LNAV AND CIRCLING LINES OF MINIMA - MOVED TO RNAV (GPS) Y RWY 19.
3. CHANGED FEEDER ROUTE BQS VOR/DME TO DONNS RNP VALUE FROM 2.00 TO 1.00
4. CHANGED INTERMEDIATE SEGMENT COVRI TO ZODGA COURSE FROM 191.71 TO 191.73 - ZODGA FIX LOCATION MOVED 2.01 FEET SOUTHWEST.
6. UPDATED MISSED APPROACH INSTRUCTIONS FROM CLIMBING RIGHT TURN TO 4000 DIRECT MIFEV AND ON TRACK 236.00 TO YETUK AND HOLD TO CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 DIRECT MIFEV AND ON TRACK 236.00 TO YETUK AND HOLD. \*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 360 FEET PER NM TO 2400. \*\*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 300 FEET PER NM TO 1500. - CA LEG ALTITUDE NEEDED IAW 8260.19I PARA 8-6-6.D.(2) MINIMUM CLIMB AND TERMINATION ALTITUDES ADDED TO ACHIEVE CORRESPONDING MINIMUMS.
7. ADDED PBN REQUIREMENTS NOTE RNP APCH - GPS - IAW 8260.19I PARA 8-6-8.B.(2)
8. CHANGED DISTANCE FAF TO MAP AND FAF TO THLD FROM 4.78 TO 5.65 REMOVED MINIMUM ALTITUDE ZEGAP/2.00 NM TO WALOR 1700\* - UPDATED EVALUATION AFTER REMOVAL OF LNAV MINIMA.
9. ADDED DISTANCE TO THLD FROM FAF 5.65, CHANGED 403 HAT: 1.12 TO 250 HAT: 0.64 - UPDATED EVALUATION.
10. CHANGED TCH VALUE FROM 41.2 TO 41.1 - VGSI AND ILS TCH VALUE 46.147.
11. ADDED 20:1 IS CLEAR - ANNOTATED IAW 8260.19I PARA 8-6-7.G.(3)(A)
12. REMOVED CHART NOTE DME/DME RNP-0.3 NA - IAW 8260.19I PARA 1-1-5.F.(18)
13. CHANGED CHART NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -6°C (22°F) OR ABOVE 54°C (130°F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C - FORMAT AND VALUES UPDATED, DERIVED FROM 5-YEAR HISTORY (2018-2023).
14. DELETED NOTE CIRCLING CAT C/D NA TO RWY 3 - REMOVED CIRCLING MINIMA.
15. DELETED NOTE CIRCLING NA TO RWY 21 - REMOVED CIRCLING MINIMA.
16. REMOVED NOTE FOR INOPERATIVE ALS, INCREASE LNAV CAT A/B VISIBILITY TO RVR 6000 AND CAT C TO 1 3/4 SM. INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D - LNAV REMOVED FROM PROCEDURE.
17. REMOVED VDP AND FAS OBST FROM ADDITIONAL FLIGHT DATA - REMOVED LNAV FROM PROCEDURE.
18. ALTERNATE MINIMUMS CHANGED FROM STANDARD - CAT D 900-3 TO STANDARD - NEW VIS CHECK.
19. CHANGED LPV ALL CATS DA/HAT/VIS FROM 1157/403/6000 TO 1097/343/4000 - NEW OBSTACLE EVALUATION.
20. CHANGED LNAV/VNAV ALL CATS DA/HAT/VIS FROM 1300/546/1 5/8 TO 1468/714/1 3/4 - NEW OBSTACLE EVALUATION.
21. ADDED NOTE FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY ALL CATS TO RVR 5500.
22. ADDED NOTE INOPERATIVE TABLE DOES NOT APPLY TO LPV\* ALL CATS.
23. REMOVED ASTERISKS AND CORRESPONDING \*LNAV ONLY FROM ADDITIONAL FLIGHT DATA - REMOVED LNAV FROM PROCEDURE.
24. ADDED LINES OF MINIMA FOR LPV WITH CLIMB GRADIENT OF 300 FEET PER NM AND CLIMB GRADIENT TERMINATION ALTITUDE OF 1500 AND LNAV/VNAV WITH CLIMB GRADIENT OF 360 FEET PER NM AND CLIMB GRADIENT TERMINATION ALTITUDE OF 2400.
25. CRC REMAINDER CHANGED FROM 5A709CD0 TO F4403F20 - TCH AND FPAP LAT/LONG UPDATED.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC, MCI APP CON, MKC ATCT, AMGR

*Digitally signed by*

**FLIGHT CHECKED BY DAVID TEFFETELLER**

GREGORY MILLS May 17, 2023

*Digitally signed by*

**DAVID TEFFETELLER**

May 17, 2023

*Digitally signed by*

**DAVID TEFFETELLER**

May 17, 2023

**OFFICE**

FPO

**DATE**

06/28/2023

**OFFICE**

AJV-A433

**DATE**

04/10/2023

**OFFICE**

AJV-A430

**DATE**

**TITLE  
MANAGER**

QUALITY  
16  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKC
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	390755.7930N
LTP/FTP LONGITUDE	0943525.0685W
LTP/FTP ELLIPSOIDAL HEIGHT	+01974
FPAP LATITUDE	390628.7880N
FPAP LONGITUDE	0943550.2095W
THRESHOLD CROSSING HEIGHT (TCH)	00046.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0760
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F4403F20

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02299
FPAP ORTHOMETRIC HEIGHT	+02299



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KMKC	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 19	<u>AMDT NO.</u> 2	<u>CITY</u> KANSAS CITY	<u>STATE</u> MO	<u>AIRPORT ELEVATION</u> 757	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM  
BQS VOR/DME

TO  
DONNS

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (29-024834)	393402.62N/0940530.67W		1281	20	3	1A	1000				AT719	3000
2.TERRAIN	393239.00N/0940239.00W		1030 (1000)								AS1500	2500

COMPUTATIONS

ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM  
DONNS

TO  
COVRI

<u>RNP</u>	<u>DISTANCE</u> 25.09	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (29-000029)	391908.00N/0942949.00W		1397	250	50	4D	1000				AT603	3000
4.TERRAIN	392745.00N/0941415.00W		1085 (1100)								AS1500	2600

COMPUTATIONS

ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM  
COVRI (IF/IAF)

TO  
ZODGA

RNP	DISTANCE 7.10	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (29-000029)	391908.00N/0942949.00W		1397	250	50	4D	500					1900
5.TERRAIN	391630.00N/0943533.00W		1062 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM  
ZODGA

TO  
RW19

RNP	DISTANCE 5.65	PAT	MAP DA	HAT 343			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.TRAVERSE_WAY (29-025622)	390801.65N/0943525.13W		767	20	3	1A		34.00:1			MA93	1097

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM  
ZODGA

TO  
RW19

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.65		DA		714							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.REFINERY (20-000831)	390811.00N/0943556.00W		906	20	10	1B	161				AC10 MA391	1468

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LPV

FROM  
ZODGA

TO  
RW19

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.65		DA		250							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.TRAVERSE_WAY (29-025622)	390801.65N/0943525.13W		767	20	3	1A		34:1				1004

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

ZODGA

TO

RW19

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.65		DA		323							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.REFINERY (20-000831)	390811.00N/0943556.00W		906	20	10	1B	161				AC10	1077

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

COVRI

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
		P-5										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (29-000029)	391908.00N/0942949.00W		1397	250	50	4D	1000				AT603	3000
8.TERRAIN	391651.00N/0943536.00W		1062 (1100)								AS1500	2600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:





MISSED APPROACH : LPV

FROM

DA

TO

YETUK

RNP	DISTANCE	PAT	MAP	HAT			HMAS 869					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.BUILDING (29-000073)	390551.15N/0943504.10W		1358	20	3	1A		ASC	300	1500		4000
10.BUILDING (29-001271)	390559.00N/0943501.00W		1510	20	3	1A	1000					2600
11.TERRAIN	390209.00N/0944354.00W		1079 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

YETUK

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
1307												
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12.TOWER (29-000027)	390421.18N/0943546.31W		2049	20	3	1A		ASC	360	2400		4000
10.BUILDING (29-001271)	390559.00N/0943501.00W		1510	20	3	1A	1000					2600
11.TERRAIN	390209.00N/0944354.00W		1079 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED



MSA

CENTER

RW19

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (29-000027)	390421.18N/0943546.31W	183	03.6	2049	20	3	1A	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZKC ARTCC, MKC TOWER, MCI APP CON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KMKC	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMKC	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:  
NO BACK-UP ALTIMETER SETTING SOURCE REQUIRED, REDUNDANT SOURCES AVAILABLE.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW01 - HIRL, REIL, VASI-4L		NPI-G	ROLL OUT
RW22 - HIRL, REIL, VASI-4L		NPI-G	ROLL OUT
RW04 - HIRL		PIR-G	APPROACH
RW19 - MALSF (PCL), HIRL, PAPI-4L		PIR-G	APPROACH

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 754.4	<u>TCH</u> 46.1	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 46.1
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	302
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -19C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -19C	<u>APT ISA</u> +13.5C
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CRITICAL TEMPERATURE REMARKS:  
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2018-2023).  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 965 HIGH TEMP 1273.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV 343.0, LPV 250.0, LNAV/VNAV 323.0, LNAV/VNAV 714.0
34:1	
767 TRAVERSE_WAY (29-025622) 390801.65N/0943525.13W (1.51)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or  
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

THRESHOLD DISPLACED 302 FT.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

80' USED FOR VEGETATION HEIGHTS PER FPT.



<b>AIRPORT ID</b> KMKC	<b>PROCEDURE NAME</b> RNAV (GPS) Z RWY 19	<b>AMDT NO.</b> 2	<b>CITY</b> KANSAS CITY	<b>STATE</b> MO	<b>AIRPORT ELEVATION</b> 757	<b>FACILITY</b> RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.77
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	192.71
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	THLD	TO 1500FT POINT	5.34
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	192.71
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD  
COORDINATES  
(IF STR-IN)

390755.79N/0943525.07W

ARP COORDINATES

390722.57N/0943534.16W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 19 DISTANCE 0.61 NM

FAF  
COORDINATES

391326.83N/0943349.23W

FIX NAME  
COORDINATES

REMARKS

THLD DISPLACED 302FT, ACTUAL COORDINATES: 390758.70N/0943524.23W.

QUALITY  
16  
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

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