

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> MKC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> KANSAS CITY	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 757	<u>TDZE</u> 747	<u>SUPERSEDED</u> RNAV (GPS) RWY 1	<u>DATED</u> 03/19/2026	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
TRIKE	IAF	SLEEP	NOPT	TF	FB	1.00	286.84	16.27	4000
SLEEP		EEZEE		TF	FB	1.00	309.51	4.00	3400
WETZL	IAF	SLGGR	NOPT	TF	FB	1.00	019.07	3.30	4000
SLGGR		EEZEE		TF	FB	1.00	019.08	3.10	3400
HOOZE	IAF	WETZL	NOPT	TF	FB	1.00	092.38	28.13	4000
EEZEE	IF/IAF	EDWIN		TF	FB	1.00	014.47	4.46	2600
EDWIN	PFAF	RW01	MAP	TF	FO	0.30	014.48	4.83	
RW01	MAP	1600 MSL		CA			014.48		1600
1600 MSL		DMANN		DF	FB	1.00			
DMANN		LYMES		TF	FO	1.00	084.84	14.73	3000

MISSED APPROACH

MAP:

LPV: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3000 DIRECT DMANN AND TRACK 084.84 TO LYMES AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|--|----------------------------|----------------|------------------|-------------------|---------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD S EEZEE, RT, 014.47 INBOUND, 3400 IN LIEU OF PT (IAF), MAX 4000. | | | | | |
| 3. FAC: 014.48 | FAC: EDWIN | | DIST FAF TO MAP: | DIST FAF TO THLD: | |
| 4. MIN ALT: EEZEE 3400, EDWIN 2600 | | | | | |
| 5. DIST TO THLD FROM PFAF: 4.83 | MM: | IM: | 150 HAT: | 336 HAT: 0.74 | GS ANT: |
| 6. MIN GP INCPT: 2600 | GP ALT AT PFAF: EDWIN 2600 | | | OM: | MM: |
| 7. GP ANGLE: 3.50 | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: 60.0 | | IM: |
| 8. MSA FROM: RW01 3100 | | | | | |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 274.01 INBOUND.
WAAS CHANNEL # 86647
REFERENCE PATH ID: W01A
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.81 DEGREES.
LTP HAE: 195 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	1083	1	336	1083	1	336	1083	1	336	1083	1	336			

CHANGES - REASONS

1. TERMINAL ROUTES: CHANGE LEG DMANN TO LYMES COURSE FROM 084.48 TO 084.84 - CORRECTED INPROPER INPUT OF COURSE INFORMATION.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

CASEY D HILL

Mar 10, 2026

OFFICE

AJV-A431

DATE

02/27/2026

DEVELOPED BY

BRANDON BURCHELL

Digitally signed by

CASEY D HILL

Mar 03, 2026

APPROVED BY

CASEY HILL

Digitally signed by

CASEY D HILL

Mar 03, 2026

OFFICE

AJV-A431

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKC
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	390655.7660N
LTP/FTP LONGITUDE	0943542.4155W
LTP/FTP ELLIPSOIDAL HEIGHT	+01950
FPAP LATITUDE	390821.7030N
FPAP LONGITUDE	0943511.8120W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7351F6B5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02275
FPAP ORTHOMETRIC HEIGHT	+02275



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

<u>AIRPORT ID</u> MKC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>AMDT NO.</u> ORIG-A	<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

INITIAL

FROM TO
TRIKE SLEEP

RNP DISTANCE PAT MAP HAT HMAS
1.00 16.27

<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>
TOWER (29-073159)	385245.30N/0942006.90W	1357	250	50	4D	1000				AT1643	4000
TERRAIN	385103.00N/0942557.00W	1095 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM TO
SLEEP EEZEE

RNP DISTANCE PAT MAP HAT HMAS
1.00 4.00

<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>
TOWER (20-001204)	385903.00N/0943743.00W	1383	50	50	2D	1000				AT1017	3400
TERRAIN	385748.00N/0943933.00W	1049 (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

WETZL

TO

SLGGR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	3.30										
<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>
AAO	385439.00N/0944124.00W	1270	215	8	4B	1000				AT1730	4000
TERRAIN	385321.00N/0944342.00W	1085 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM

SLGGR

TO

EEZEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	3.10										
<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>
AAO	385857.00N/0944018.00W	1293	215	8	4B	1000				AT1107	3400
TERRAIN	385818.00N/0944121.00W	1079 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

HOOZE

TO

WETZL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	28.13										
<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>
TOWER (20-001146)	385346.00N/0951029.00W	1992	250	50	4D	1000				AT1008	4000
TERRAIN	385050.00N/0951612.00W	1131 (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

EEZEE (IF/IAF)

TO

EDWIN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	4.46										
<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>
TOWER (20-001204)	385903.00N/0943743.00W	1383	50	50	2D	500				AT717	2600
TERRAIN	385857.00N/0944021.00W	1092 (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

EDWIN

TO

RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.83		DA		336						
<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>
POLE (29-094745)	390626.50N/0943546.96W	848	20	3	1A		29.14:1			MA136	1083

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

EEZEE

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
		P-5									
<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>
TOWER (20-001177)	390217.00N/0943654.00W	1507	250	50	4D	1000				AT893	3400
TERRAIN	385115.00N/0944430.00W	1099 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LPV

FROM

DA

TO

LYMES

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											844
<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>
POLE (29-094745)	390626.50N/0943546.96W	848	20	3	1A		ASC				3000
TOWER (29-001043)	390940.74N/0942805.05W	1356	500	50	5D	1000					2400
TERRAIN	391545.00N/0942621.00W	1026 (1000)								AS1500	2500

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

RW01

RADIUS

25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	ANTENNA (29-092426)	390414.40N/0943457.51W	167	2.7	2050	20	10	1B	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZKC ARTCC, MCI APP CON, MKC TOWER

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

WX REMARKS:

NO BACKUP ALTIMETER SETTING SOURCE REQUIRED, REDUNDANT SOURCES AVAILABLE.



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

GLIDESLOPE ANGLE

3.50

ELEV RWY THRESHOLD

746.5

TCH

60.0

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

3.70

TCH

65.7

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

X

FT FROM THRESHOLD

ON CENTERLINE

X

FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

299

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV
34:1	
863 POLE (29-092090) 390625.7600N/0943543.8500W (34.55)	848 POLE (29-094745) 390626.5000N/0943546.9600W (20.11)
789 TREE (29-025688) 390642.8600N/0943547.8700W (8.14)	835 POLE (29-094231) 390625.8400N/0943546.5100W (5.43)
821 TREE (29-092471) 390630.2000N/0943546.8700W (3.9)	833 POLE (29-092814) 390625.9500N/0943550.0600W (1.94)
762 TRAVERSE_WAY (29-092811) 390649.6000N/0943546.5100W (1.4)	818 TREE (29-093484) 390630.2900N/0943546.5800W (1.31)
817 TREE (29-092322) 390630.3400N/0943545.7600W (0.87)	763 DAM (29-024194) 390648.7400N/0943545.1700W (0.59)
830 POLE (29-094064) 390626.4100N/0943550.3500W (0.12)	761 TRAVERSE_WAY (29-040357) 390649.5000N/0943546.5500W (0.09)

PENETRATIONS REMARKS:



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
100 FT VEGETATION HEIGHT USED PER FPT.
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	3.21
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.91
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	015.48
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	THLD	TO 1500FT POINT	4.56
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	015.48
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD COORDINATES (IF STR-IN)	390655.77N/0943542.42W
ARP COORDINATES	390722.57N/0943534.16W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 19 DISTANCE 0.62 NM
FAF COORDINATES	390216.49N/0943721.72W
FIX NAME COORDINATES	

REMARKS

FINAL APPROACH COURSE OFFSET 2.81 DEGREES.
THLD DISPLACED 299FT, ACTUAL COORDINATES: 390652.88N/0943543.25W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
BRANDON BURCHELL	AJV-A431	02/27/2026	AERONAUTICAL INFORMATION SPECIALIST

