

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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> KMCI	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 9	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> KANSAS CITY	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 1027	<u>TDZE</u> 1016	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 9	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 08/21/2014	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 2015
<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>
GURRA	IAF	WOOKE		TF	FB	1.00	124.05	3.64	4000
NOMEE	IAF	WOOKE		TF	FB	1.00	064.10	3.65	4000
LADYD	IAF	WOOKE		TF	FB	1.00	093.95	3.14	4000
MAXEE	IAF	LADYD		TF	FB	1.00	093.91	3.14	5000
GIRLZ	IF	STRAM		TF	FB	1.00	274.26	4.86	5400
STRAM		JOOEE	PFAF	RF	FB	1.00	(2.55 NM RADIUS CCW (CFBKS))	8.03	2900
WOOKE	IF	JOOEE	PFAF	TF	FB	1.00	094.00	3.45	2900
MAMMA	IF	SPANI		TF	FB	1.00	274.24	4.87	5400
SPANI		JOOEE	PFAF	RF	FB	1.00	(2.55 NM RADIUS CW (CFBKQ))	8.00	2900
JOOEE	PFAF	RW9	MAP	TF	FO	0.30	094.04	5.74	
RW9	MAP	1319 MSL		CA			094.04		
1319 MSL		DUSTN		DF	FB	1.00			
DUSTN		LYMES		TF	FO	1.00	092.41	21.77	4000



MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 4000 DIRECT DUSTN AND ON TRACK 092.41 LYMES AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT JOOEE					
3. FAC:	094.04	PFAF: JOOEE	DIST PFAF TO MAP:		DIST PFAF TO THLD:
4. MIN ALT:	JOOEE 2900				
5. DIST TO THLD FROM PFAF:	5.74	MM:	IM:	150 HAT:	303 HAT: 0.78
6. MIN GP INCPT:	2900	GP ALT AT PFAF : JOOEE 2900		OM:	MM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.9	IM:
8. MSA FROM:	RW09 3100				

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19°C OR ABOVE 54°C.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.20 ALL CATS VISIBILITY TO RVR 4500; INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 6000.
CHART SPEED ICON IN PLANVIEW AT GURRA: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT NOME: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT LADYD: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT MAXEE: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT GIRLZ: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT MAMMA: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 272.01 INBOUND.
CHART MANDATORY 5000 AT GURRA.
CHART MANDATORY 5000 AT NOME.
CHART AT OR ABOVE 5000 AT LADYD.
CHART AT OR ABOVE 6000 AT MAXEE.
CHART MANDATORY 6000 AT GIRLZ.
CHART MANDATORY 6000 AT MAMMA.



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

ALTERNATE: NA ☐ STANDARD

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
AUTHORIZATION REQUIRED															
RNP 0.20 DA	1319	2400	303	1319	2400	303	1319	2400	303	1319	2400	303			
RNP 0.30 DA	1418	4000	402	1418	4000	402	1418	4000	402	1418	4000	402			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAM INTO THE FORM.
2. AIRPORT AND TDZE CHANGED FROM "1026/1025" TO "1027/1016" - UPDATED AIRFIELD SURVEY.
3. DELETED SEGMENTS FROM INNEE TO STRAM, JUDAA TO TONYG, TONYG TO SHOME, SHOME TO JOOEE, HOOZE TO NOME, JOOEE TO JAYBA AND ASSOCIATED NOTES - PROCEDURE REDESIGN AND ATC/PBN REQUEST.
4. TERMINAL ROUTE FROM "GURRA TO JOOEE" CHANGED TO "GURRA TO WOOKE" AND RF COURSE CHANGED TO TF COURSE - PROCEDURE REDESIGN.
5. TERMINAL ROUTE FROM "NOME TO GURRA" CHANGED TO "NOME TO WOOKE" AND COURSE/DISTANCE/ALTITUDE CHANGED FROM "035.45/4.90/3700" TO "064.10/3.65/4000" - PROCEDURE REDESIGN.
6. ADDED TERMINAL ROUTE FROM "GIRLZ TO STRAM" - PROCEDURE REDESIGN AND ATC/PBN REQUEST.
7. TERMINAL ROUTE FROM "STRAM TO SHOME" CHANGED TO "STRAM TO JOOEE" AND COURSE/DISTANCE/ALTITUDE FROM "2.56 NM RADIUS CCW/5.90/3600" TO "2.55 NM RADIUS CCW/8.03/2900" - PROCEDURE REDESIGN AND ATC/PBN REQUEST.
8. WOOKE TO JOOEE COURSE/DISTANCE/ALTITUDE CHANGED FROM "093.99/3.14/3000" TO "094.00/3.45/2900" - JOOEE MOVED 0.32 NM EAST, WOOKE MOVED 25 FEET EAST AND PROCEDURE REDESIGN.
9. TERMINAL ROUTE FROM MAMMA TO SPANI COURSE/DISTANCE/ALTITUDE CHANGED FROM "274.19/5.29/5000" TO "274.24/4.87/5400" - MAMMA MOVED 25 FEET EAST, SPANI MOVED 1920.94 FEET EAST AND PROCEDURE REDESIGN.
10. TERMINAL ROUTE FROM SPANI TO GURRA CHANGED TO SPANI TO JOOEE AND COURSE/DISTANCE/ALTITUDE CHANGED FROM 2.56 NM RADIUS CW/2.61/3000" TO "2.55 NM RADIUS CW/8.00/2900" - PROCEDURE REDESIGN, SPANI MOVED 1920.94 FEET EAST AND PROCEDURE REDESIGN.
11. FINAL APPROACH FIX (FAF) CHANGED FROM "JAYBA" TO "JOOEE" AND FINAL APPROACH COURSE/DISTANCE/ALTITUDE CHANGED FROM "094.05/4.80/2600" TO "094.04/5.74/2900" - INCREASED FAF ALTITUDE AND PROCEDURE REDESIGN.
12. CHANGED MISSED APPROACH FROM "CLIMB TO 4000 ON TRACK 094 TO DUSTN AND ON TRACK 092 TO LYMES AND HOLD" TO "CLIMB TO 4000 DIRECT DUSTN AND ON TRACK 092.41 LYMES AND HOLD." - REDESIGNED MISSED APPROACH FROM TF SEGMENTS TO CA/DF/TF SEGMENTS PER PBN REQUEST.
13. DISTANCE FROM THLD TO HAT CHANGED FROM "378 HAT: 1.01 NM" TO "303 HAT: 0.78 NM" - ADDED RNP 0.20 MINIMUMS AND LOWER HAT VALUE.
14. ADDED TO LINE 7 20:1 IS CLEAR - IAW 8260.19 PARA 8-6-7 G 3.
15. DELETED FROM ADDITIONAL FLIGHT DATA: ROUTE TYPE: A,H, ROUTE TYPE QUALIFIER 1: F, ROUTE TYPE QUALIFIER 2: S AND #TCH 1070.2 (DO NOT CHART) - IAW CURRENT CODING CRITERIA.
16. ADDED CHART SPEED ICON IN PLANVIEW AT GURRA, NOME, LADYD, MAXEE, GIRLZ AND MAMMA: MAX 210 KIAS - DESIGNED TO REDUCE TURN RADIUS AND BANK ANGLES PER PBN/FPT/LEAD CARRIER REQUEST.
17. DELETED CHART NOTES: "GPS REQUIRED" AND "RADAR REQUIRED NOTE" AND ADDED PBN REQUIREMENTS NOTE: RNP AR APCH-GPS - IAW 8260.19 PARA 8-6-8 B.
18. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -20C (-4F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19C OR ABOVE 54C" - IAW 8260.19 PARA 8-6-9 R.
19. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE RNP 0.30 VISIBILITY TO RVR 6000" TO "FOR INOPERATIVE ALS, INCREASE RNP 0.20 ALL CATS VISIBILITY TO RVR 4500; INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 6000" - IAW 8260.19 PARA 8-6-11 O (3) AND ADDED RNP 0.20 LINE OF MINIMUMS.
20. ADDED CHART MANDATORY 5000 AT GURRA, CHART MANDATORY 5000 AT NOME, CHART AT OR ABOVE 5000 AT LADYD, CHART AT OR ABOVE 6000 AT MAXEE, CHART MANDATORY 6000 AT GIRLZ AND CHART MANDATORY 6000 AT MAMMA - PROCEDURE REDESIGN AND ATC/PBN REQUEST.
21. ADDED RNP 0.20 MINIMUMS - FPT REQUEST.
22. RNP 0.30 DA/HAT CHANGED FROM "1393/378" TO "1418/402" ALL CATS - UPDATED MAP STUDY AND OBSTACLE DATABASE.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JOHN KEARBY

*Digitally signed by***DONALD H LANIER**

May 17, 2022

OFFICE

FPO

DATE

05/11/2022

DEVELOPED BY

FRANK JACKSON JR

*Digitally signed by***FRANK JACKSON**

Feb 14, 2022

*Digitally signed by***DONALD H LANIER**

May 17, 2022

OFFICE

AJV-A431

DATE

01/28/2022

APPROVED BY

LONNIE EVERHART

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

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

<u>AIRPORT ID</u> KMCI	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 9	<u>AMDT NO.</u> 2	<u>CITY</u> KANSAS CITY	<u>STATE</u> MO	<u>AIRPORT ELEVATION</u> 1027	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
GURRA

TO
WOOKE

RNP 1.00 DISTANCE 3.64 PAT MAP HAT HMAS

<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 (20-001338)	391901.00N/0945743.00W	1426	500	50	5D	1000				AC50 AT1524	4000
TERRAIN	391815.00N/0945751.00W	1099 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

MAX SPEED 210 KIAS.

INITIAL

FROM
NOMEE

TO
WOOKE

RNP 1.00 DISTANCE 3.65 PAT MAP HAT HMAS

<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 (20-020087)	391622.55N/0945840.53W	1538	50	20	2C	1000				AC20 AT1442	4000
TERRAIN	391621.00N/0945839.00W	1122 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

MAX SPEED 210 KIAS.



INITIAL

FROM
LADYD

TO
WOOKE

<u>RNP</u> 1.00	<u>DISTANCE</u> 3.14	<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>
TOWER (20-001338)	391901.00N/0945743.00W	1426	500	50	5D	1000				AC50 AT1524	4000
TERRAIN	391654.00N/0945909.00W	1118 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MAX SPEED 210 KIAS.

INITIAL

FROM
MAXEE

TO
LADYD

<u>RNP</u> 1.00	<u>DISTANCE</u> 3.14	<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>
TOWER (20-000992)	391839.30N/0950351.30W		1424	500	50	5D	1000				AC50 AT2526	5000
TERRAIN	391824.00N/0950321.00W		1128 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MAX SPEED 210 KIAS.



INTERMEDIATE

FROM
GIRLZ

TO
STRAM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
1.00	4.86										
<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 (29-002798)	392351.00N/0944822.80W	1255	500	50	5D	500				AC50 AT3595	5400
TERRAIN	392124.00N/0944548.00W	990 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MAX SPEED 210 KIAS.

INTERMEDIATE: STEPDOWN

FROM
STRAM

TO
JOOEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
1.00	8.03											
<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 (29-002798)	392351.00N/0944822.80W		1255	500	50	5D	500				AC50 AT1095	2900
TERRAIN	392133.00N/0945612.00W		1059 (1100)								AS1500	2600

COMPUTATIONS

RF SEGMENT

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

STRAM-JOOEE

5400

210

233.68

4373.1

43.54

2.55

23.68

0

(CFBKS)/8.03

SEGMENT REMARKS:



INTERMEDIATE

FROM
WOOKE

TO
JOOEE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
1.00	3.45											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (20-001377)	391752.00N/0945616.00W		1404	500	50	5D	500				AC50 AT946	2900
TERRAIN	392003.00N/0945042.00W		967 (1000)								AS1500	2500

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

INTERMEDIATE

FROM
MAMMA

TO
SPANI

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
1.00	4.87											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	391327.00N/0944715.00W		1198	164	98	4E	500				AC98 AT3604	5400
TERRAIN	391327.00N/0944715.00W		997 (1000)								AS1500	2500

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

MAX SPEED 210 KIAS.



INTERMEDIATE: STEPDOWN

FROM
SPANI

TO
JOOEE

<u>RNP</u> 1.00	<u>DISTANCE</u> 8.00	<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>
13.TOWER (20-001377)	391752.00N/0945616.00W		1404	500	50	5D	500				AC50 AT946	2900
TERRAIN	391748.00N/0945609.00W		1085 (1100)								AS1500	2600

COMPUTATIONS												
RF SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
SPANI-JOOEE	5400	210	233.68	4373.1	51.57	2.55	24.96	0				(CFBKQ)/8 NM

SEGMENT REMARKS:

FINAL

FROM
JOOEE

TO
RW9

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
0.20	5.74		RW9			303						
<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>
								ASC			MA53	1319

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

SEGMENT REMARKS:



FINAL

FROM
JOEE

TO
RW9

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
0.30	5.74		RW9	402								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	391655.32N/0944430.65W		1119	50	20	2C		21.93:1			AC20	1418

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: LEVEL SURFACE

FROM
DA

TO
LYMES

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
0.20-1.00							1158					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
CONTROL_TOWER (29-000411)	391751.00N/0944255.00W		1233	20	3	1A	ASC					4000
TOWER (29-000036)	391821.00N/0943431.00W		1336	100	20	3C	1000					2400
TERRAIN	391600.00N/0943612.00W		1066 (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: LEVEL SURFACE

FROM

DA

TO

LYMES

RNP	DISTANCE	PAT	MAP	HAT			HMAS				
0.30-1.00								1257			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
						ASC					4000
TOWER (29-000036)	391821.00N/0943431.00W	1336	100	20	3C	1000					2400
TERRAIN	391600.00N/0943612.00W	1066 (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:

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED

MSA

CENTER

RW09

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	153	14.4	2049	20	3	1A	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

210 KIAS MAX USED IN SEGMENTS PER PBN/FPT/LEAD CARRIER REQUEST TO REDUCE TURN RADIUS AND BANK ANGLES.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZKC ARTCC, MCI APP CON, MCI TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KMCI	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMCI	<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:
ALTERNATE ALTIMETER SOURCE NOT USED, REDUNDANT SOURCES ON AIRPORT.

<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>
RW1L - TDZ, MALSR, HIRL, C/LINE, PAPI-4L		PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW1R - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4R		PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW9 - MALSR, HIRL		PIR-G	APPROACH, ROLL OUT
RW19L - TDZ, MALSR, HIRL, C/LINE		PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW19R - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4R		PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW27 - MALSR, HIRL, PAPI-4L		PIR-G	APPROACH, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1015.3	<u>TCH</u> 55.9	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -19C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -21C	<u>APT ISA</u> +12.97C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2017-2021).
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 969 HIGH TEMP 1278.



"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:
VDP NOT ESTABLISHED - RNP PROCEDURE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

AVERAGE VEGETATION HEIGHT 100 FT PER FPT.



<div>AIRPORT ID</div> <div>KMCI</div>	<div>PROCEDURE NAME</div> <div>RNAV (RNP) Z RWY 9</div>	<div>AMDT NO.</div> <div>2</div>	<div>CITY</div> <div>KANSAS CITY</div>	<div>STATE</div> <div>MO</div>	<div>AIRPORT ELEVATION</div> <div>1027</div>	<div>FACILITY</div> <div>RNAV</div>
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	2.92			
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	096.04			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000			
DISTANCE FROM	THLD	TO 1500FT POINT	4.49			
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	096.04			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000			
THRESHOLD COORDINATES (IF STR-IN)	391727.10N/0944335.74W					
ARP COORDINATES	391751.40N/0944250.00W					
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 19R DISTANCE 1.51 NM					
FAF COORDINATES	391803.63N/0945057.06W					
FIX NAME COORDINATES						
REMARKS						

QUALITY
22
CHECKED

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PART E: PREPARED BY

<u>NAME</u> FRANK JACKSON JR	<u>OFFICE</u> AJV-A431	<u>DATE</u> 01/28/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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