

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>RUDDH (RNAV)</b>	<b>TWO</b>	<b>RUDDH.RUDDH2</b>	<b>ONE</b>	<b>07/14/2022</b>	<b>23 FEBRUARY 2023</b>

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BLWRS	BLWRS.RUDDH2	BLWRS	BLWRS						AT FL230
			RUDDH	173.77	58.09	10000	2600		AT 12000
BULET	BULET.RUDDH2	BULET	BULET						AT/ABOVE FL240
			FONIX	241.70	39.96	10000	3000		
			RUDDH	240.67	26.54	10000	2600		AT 12000
EUING	EUING.RUDDH2	EUING	EUING						
			RUDDH	261.74	54.91	10000	2600		AT 12000
LAPOW	LAPOW.RUDDH2	LAPOW	LAPOW						
			MLOTT	297.41	25.19	10000	2600		
			OKOYE	296.89	63.69	10000	2600		AT/ABOVE FL240
			EUING	296.25	29.03	10000	2600		
			RUDDH	261.74	54.91	10000	2600		AT 12000

ARRIVAL ROUTE DESCRIPTION:

FROM RUDDH ON TRACK 242.85/13.69 TO CROSS PAHLL AT OR ABOVE 7000.

LANDING RWY 1L: FROM PAHLL ON TRACK 234.54/16.93 TO CROKS, THEN ON TRACK 233.71/9.81 TO FLRNC, THEN ON TRACK 190.96/1.53 TO CROSS DAUSN AT 7000 AND AT 210 KIAS, THEN ON TRACK 190.96. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE FOR RNP, GPS, OR ILS RWY 1L APPROACH.

LANDING RWY 1R: FROM PAHLL ON TRACK 232.85/16.91 TO FAKIR, THEN ON TRACK 232.66/8.94 TO HULLL, THEN ON TRACK 191.02/2.20 TO CROSS BRSKT AT 7000 AND AT 210 KIAS, THEN ON TRACK 191.02. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE FOR RNP, GPS, OR ILS RWY 1R APPROACH.

LANDING RWY 9: FROM PAHLL ON TRACK 247.17/13.88 TO CHRZZ, THEN ON TRACK 246.99/13.00 TO GINJR, THEN ON TRACK 274.22/2.42 TO CROSS GIRLZ AT 6000 AND AT 210 KIAS, THEN ON TRACK 274.22. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE FOR RNP, GPS, OR ILS RWY 9 APPROACH.

LANDING RWY 19L: FROM PAHLL ON TRACK 260.15/11.46 TO CROSS EVALN AT OR ABOVE 6000, THEN ON TRACK 260.05/10.51 TO CROSS BUDIE AT 4000 AND AT 210 KIAS. EXPECT RNP Z RWY 19L APPROACH, OR EXPECT RADAR VECTORS TO FINAL APPROACH COURSE FOR ILS OR GPS RWY 19L APPROACHES.

LANDING RWY 19R: FROM PAHLL ON TRACK 262.15/11.57 TO CROSS LAMNT AT OR ABOVE 6000, THEN ON TRACK 260.51/11.07 TO CROSS SCIPR AT 4000 AND AT 210 KIAS. EXPECT RNP Z RWY 19R APPROACH, OR EXPECT RADAR VECTORS TO FINAL APPROACH COURSE FOR ILS OR GPS RWY 19R APPROACHES.

LANDING RWY 27: FROM PAHLL ON TRACK 220.50/12.10 TO CROSS MINNO AT OR ABOVE 6000, THEN ON TRACK 220.44/6.97 TO CROSS SAWKY AT 5000 AND AT 210 KIAS. EXPECT RNP Z RWY 27 APPROACH, OR EXPECT RADAR VECTORS TO FINAL APPROACH COURSE FOR ILS OR GPS RWY 27 APPROACHES.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

QUALITY  
14  
CHECKED

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**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT BLWRS: HOLD N, RT, 173.77 INBOUND, 10 NM LEGS.  
CHART HOLDING AT FONIX: HOLD NE, RT, 241.70 INBOUND, 10 NM LEGS.  
CHART HOLDING AT RUDDH: HOLD NE, RT, 240.67 INBOUND, 10 NM LEGS.  
CHART HOLDING AT MLOTT: HOLD SE, RT, 296.89 INBOUND, 10 NM LEGS.

**COMMUNICATIONS:**

CHART: KANSAS CITY APP CON

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KMCI	KANSAS CITY	MO

**LOST COMMUNICATIONS PREFERENCES:**

RWY 1L: AFTER DAUSN PROCEED DIRECT TO WMPOW EXECUTE ILS OR LOC 1L APPROACH.  
RWY 1R: AFTER BRSTK PROCEED DIRECT TO TERKY EXECUTE ILS OR LOC 1R APPROACH.  
RWY 9: AFTER GIRLZ PROCEED DIRECT TO WOOKE EXECUTE ILS OR LOC 9 APPROACH.  
RWY 19L: AFTER BUDIE PROCEED DIRECT TO MGEEE EXECUTE ILS OR LOC 19L APPROACH.  
RWY 19R: AFTER SCIPR PROCEED DIRECT TO BRTNY EXECUTE ILS OR LOC 19R APPROACH.  
RWY 27: AFTER SAWKY PROCEED DIRECT TO TAGRT EXECUTE ILS OR LOC 27 APPROACH.

**REMARKS:**

ABBREVIATED AMENDMENT.

**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)  
MAG VAR: KMCI 02E/2015  
CHART AT DAUSN TERMINUS: KMCI LDG RWY 01L  
CHART AT BRSTK TERMINUS: KMCI LDG RWY 01R  
CHART AT GIRLZ TERMINUS: KMCI LDG RWY 09  
CHART AT BUDIE TERMINUS: KMCI LDG RWY 19L  
CHART AT SCIPR TERMINUS: KMCI LDG RWY 19R  
CHART AT SAWKY TERMINUS: KMCI LDG RWY 27

QUALITY  
14  
CHECKED

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Arrival Name <b>RUDDH (RNAV)</b>	Number <b>TWO</b>	STAR Computer Code <b>RUDDH.RUDDH2</b>	Superseded Number <b>ONE</b>	Dated <b>07/14/2022</b>	Effective Date <b>23 FEBRUARY 2023</b>
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**FLIGHT INSPECTED BY:****ORGANIZATION: DATE:**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: Flight Inspected Signature:  
GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.

*Digitally signed by***ERIC N SUSKI**

Nov 02, 2022

*Digitally signed by***ERIC N SUSKI**

Nov 02, 2022

*Digitally signed by***ERIC N SUSKI**

Nov 02, 2022

**DEVELOPED BY:**

ERIC N SUSKI (MICHAEL MCCARTNEY)

AJV-A431

09/27/2022

Developed By Signature:

**APPROVED BY:**

JOHNNI BAKER

AJV-A430

Approved By Signature:

**CHANGES:**

1. CHANGED BULET TRANSITION CROSSING ALTITUDE RESTRICTION AT FIX BULET FROM AT FL240 TO AT OR ABOVE FL240.
2. REMOVED PROCEDURAL DATA NOTES: LANDING RWY 1L, EXPECT CLERANCE PRIOR TO FLRNC.
3. REMOVED PROCEDURAL DATA NOTES: LANDING RWY 1R, EXPECT CLERANCE PRIOR TO HULLL.
4. REMOVED PROCEDURAL DATA NOTES: LANDING RWY 09, EXPECT CLEARANCE PRIOR TO GINJR.
5. UPDATED LOST COMMUNICATIONS PREFERENCES APPROACH RUNWAY FORMAT FROM 01L TO 1L, FROM 01R TO 1R, AND FROM 09 TO 9.
6. UPDATED ADDITIONAL FLIGHT DATA CHART TERMINUS LANDING RUNWAY FORMAT FROM 1L TO 01L, FROM 1R TO 01R, AND FROM 9 TO 09.
7. UPDATED ADDITIONAL FLIGHT DATA MAGNETIC VARIATION FORMAT FROM "REFERENCE MAGNETIC VARIATION = KMCI 02E/2015" TO "MAG VAR: KMCI 02E/2015".
8. ADDED REMARK ABBREVIATED AMENDMENT.
9. REMOVED AIRPORT NAME UNDER AIRPORTS SERVED.

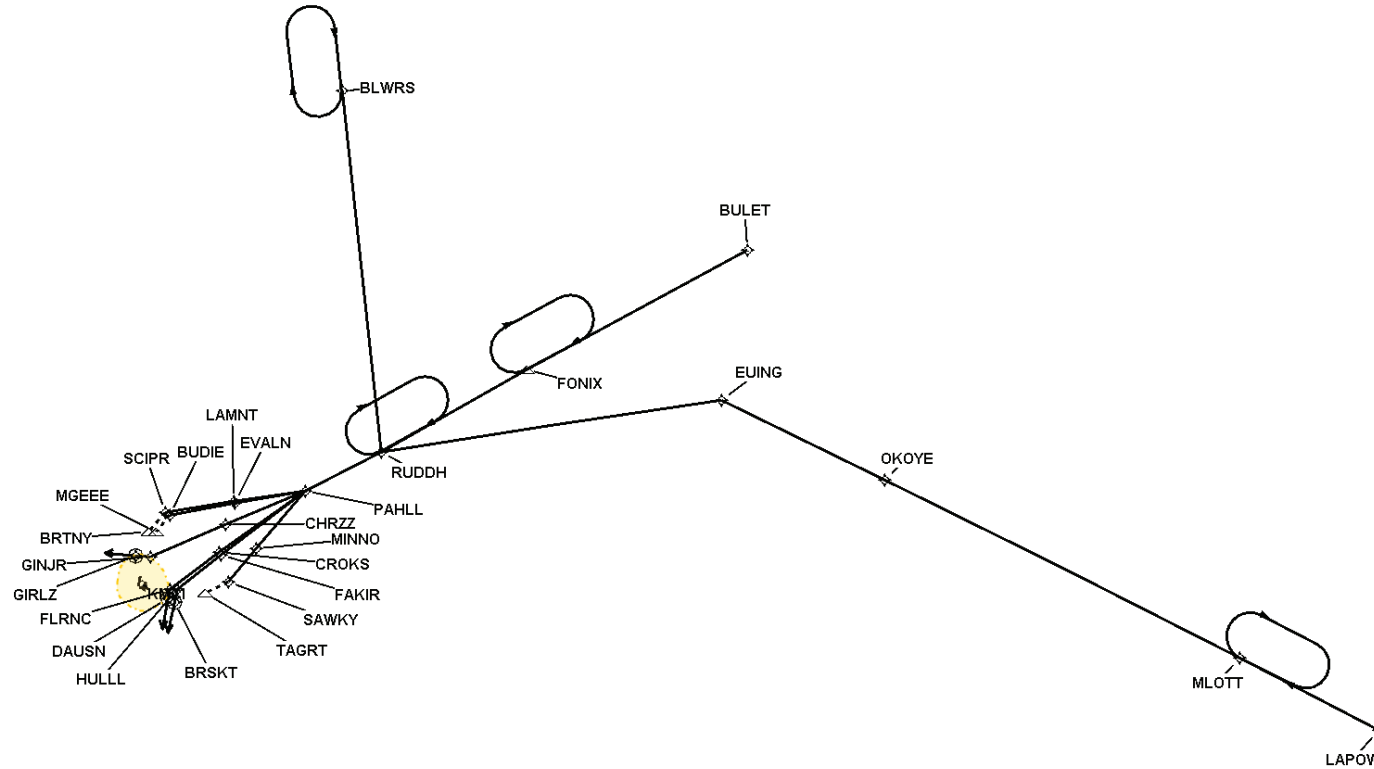
**REASONS:**

1. ATC OPERATIONAL REQUEST.
- 2-4. ATC OPERATIONAL REQUEST.
5. FORMAT CONSISTENCY WITH MULTIPLE KMCI STARS AND TEXTUAL CHARTING OF SINGLE DIGIT RUNWAY NUMBERS IAW IAC 14 APPENDIX 9.
6. ADDITIONAL FLIGHT DATA CHART TERMINUS LANDING RUNWAY FORMAT IAW FAAO 8260.19I PARAGRAPH 4-5-2.H.
7. FORMAT IAW 8260.19I PARAGRAPH 4-5-13.C.(2).
8. THIS IS AN ABBREVIATED AMENDMENT.
9. IAW FAAO 8260.19I PARAGRAPH 4-5-12.G DOCUMENTATION STANDARDS.

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Graphic Depiction 1					



**FEDERAL AVIATION ADMINISTRATION  
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STAR (DATA RECORD)**

Arrival Name RUDDH (RNAV)		Number TWO		STAR Computer Code RUDDH.RUDDH2			Superseded Number ONE			Dated 07/14/2022	Effective Date 23 FEBRUARY 2023
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>		
En Route Transition											
BLWRS	403548.89N / 0935803.39W	Y		IF			AT FL230		BLWRS.RUDDH2		
RUDDH	393750.27N / 0935230.32W	Y	FB	TF	175.77	58.09	AT 12000				
En Route Transition											
BULET	400758.57N / 0923529.10W	Y		IF			AT/ABOVE FL240		BULET.RUDDH2		
FONIX	395006.14N / 0932159.14W	Y	FB	TF	243.70	39.96					
RUDDH	393750.27N / 0935230.32W	Y	FB	TF	242.67	26.54	AT 12000				
En Route Transition											
EUING	394411.25N / 0924151.67W	Y		IF					EUING.RUDDH2		
RUDDH	393750.27N / 0935230.32W	Y	FB	TF	263.74	54.91	AT 12000				
En Route Transition											
LAPOW	384745.26N / 0902831.00W	Y		IF					LAPOW.RUDDH2		
MLOTT	390004.69N / 0905639.58W	Y	FB	TF	299.41	25.19					
OKOYE	393030.74N / 0920842.58W	Y	FB	TF	298.89	63.69	AT/ABOVE FL240				
EUING	394411.25N / 0924151.67W	Y	FB	TF	298.25	29.03					
RUDDH	393750.27N / 0935230.32W	Y	FB	TF	263.74	54.91	AT 12000				
Common Route											
RUDDH	393750.27N / 0935230.32W	Y		IF			AT 12000		RUDDH.RUDDH2		
PAHLL	393159.80N / 0940831.37W	Y	FB	TF	244.85	13.69	AT/ABOVE 7000				
Runway Transition											
PAHLL	393159.80N / 0940831.37W	Y		IF			AT/ABOVE 7000				
CROKS	392237.90N / 0942644.31W	Y	FB	TF	236.54	16.93					
FLRNC	391705.64N / 0943710.44W	Y	FB	TF	235.71	09.81					

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<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
DAUSN	391536.10N / 0943736.96W	Y	FO	TF	192.96	01.53	AT 7000	AT 210K	
KMCI:RWY 1L				FM	192.96				
Runway Transition									
PAHLL	393159.80N / 0940831.37W	Y		IF			AT/ABOVE 7000		
FAKIR	392213.71N / 0942621.39W	Y	FB	TF	234.85	16.91			
HULLL	391702.71N / 0943545.16W	Y	FB	TF	234.66	08.94			
BRSKT	391453.98N / 0943623.42W	Y	FO	TF	193.02	02.20	AT 7000	AT 210K	
KMCI:RWY 1R				FM	193.02				
Runway Transition									
PAHLL	393159.80N / 0940831.37W	Y		IF			AT/ABOVE 7000		
CHRRZ	392702.14N / 0942516.31W	Y	FB	TF	249.17	13.88			
GINJR	392221.20N / 0944055.28W	Y	FB	TF	248.99	13.00			
GIRLZ	392236.88N / 0944401.21W	Y	FO	TF	276.22	02.42	AT 6000	AT 210K	
KMCI:RWY 9				FM	276.22				
Runway Transition									
PAHLL	393159.80N / 0940831.37W	Y		IF			AT/ABOVE 7000		
EVALN	393024.92N / 0942311.55W	Y	FB	TF	262.15	11.46	AT/ABOVE 6000		
BUDIE	392856.86N / 0943638.18W	Y	FB	TF	262.05	10.51	AT 4000	AT 210K	
KMCI:RWY 19L									
Runway Transition									
PAHLL	393159.80N / 0940831.37W	Y		IF			AT/ABOVE 7000		
LAMNT	393048.02N / 0942323.69W	Y	FB	TF	264.15	11.57	AT/ABOVE 6000		
SCIPR	392920.51N / 0943734.25W	Y	FB	TF	262.51	11.07	AT 4000	AT 210K	
KMCI:RWY 19R									

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<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG</u> <u>TYPE</u>	<u>TC</u>	<u>DIST</u> <u>(NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
Runway Transition									
PAHLL	393159.80N / 0940831.37W	Y		IF			AT/ABOVE 7000		
MINNO	392303.76N / 0941903.78W	Y	FB	TF	222.50	12.10	AT/ABOVE 6000		
SAWKY	391754.72N / 0942507.33W	Y	FB	TF	222.44	06.97	AT 5000	AT 210K	
KMCI:RWY 27									

