

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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</u> KANSAS CITY INTL	<u>AIRPORT ID</u> KMCI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 19R ILS RWY 19R (SA CAT I), ILS RWY 19R (CAT II), ILS RWY 19R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 12	<u>CITY</u> KANSAS CITY	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 1027	<u>TDZE</u> 991	<u>SUPERSEDED</u> ILS OR LOC RWY 19R ILS RWY 19R (SA CAT I) ILS RWY 19R (CAT II), ILS RWY 19R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 11A	<u>DATED</u> 08/21/2014	<u>MAG VAR</u> 2E
<u>FACILITY</u> I-PAJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

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>
STJ VORTAC		CAMDO/I-PAJ 17.56 DME/RADAR					142.62	26.45	6000
CAMDO/I-PAJ 17.56 DME/RADAR	IAF	WESGI/I-PAJ 14.42 DME/RADAR					190.94	3.14 (I-PAJ)	5000
WESGI/I-PAJ 14.42 DME/RADAR		BRTNY/I-PAJ 11.28 DME/RADAR					190.94	3.14 (I-PAJ)	4000
BRTNY/I-PAJ 11.28 DME/RADAR		FAMUS/I-PAJ 8.14 DME/RADAR					190.94	3.14 (I-PAJ)	3000
FAMUS/I-PAJ 8.14 DME/RADAR		HNZLY/I-PAJ 6.88 DME/RADAR					190.94	1.26 (I-PAJ)	2600

MISSED APPROACH

MAP:

ILS: DA

LOC: 4.91 NM AFTER HNZLY/I-PAJ 6.88 DME/RADAR OR AT I-PAJ 1.96 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 240 AND ON MCI VORTAC R-223 TO RUGBB INT/MCI 25.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 355 AND STJ VORTAC R-175 TO STJ VORTAC AND HOLD.



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT CAMDO					
3. FAC:	190.94	FAF: HNZLY/I-PAJ 6.88 DME/RADAR	DIST FAF TO MAP: 4.92	DIST FAF TO THLD: 4.92	
4. MIN ALT:	CAMDO/I-PAJ 17.56 DME/RADAR 6000, FAMUS/I-PAJ 8.14 DME/RADAR 3000, HNZLY/I-PAJ 6.88 DME/RADAR 2600, ZESAB/I-PAJ 3.76 DME/RADAR 1600*				
5. DIST TO THLD FROM OM:	MM: 0.5	IM: 1046	100 HAT: 853	150 HAT:	GS ANT: 1025
6. MIN GS INCPT: 2600	GS ALT AT FAF : HNZLY/I-PAJ 6.88 DME/RADAR 2600			OM:	MM: 1196IM: 1092
7. GP ANGLE: 3.00	34:1:	20:1:	TCH: 55.3		
8. MSA FROM: MCI VORTAC 3100					

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 19R: CAT A, B, C, D RA 135, RVR 1400, HAT 150, DA 1141 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 19R: CAT A, B, C, D RA 105, RVR 1200, HAT 100, DA 1091 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 19R: CAT A, B, C, D, E RVR 700
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON STJ VORTAC AIRWAY RADIALS 114 CW 203.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
FOR INOPERATIVE ALS, INCREASE S-ILS 19R CAT E VISIBILITY TO RVR 4000 AND S-LOC 19R CAT C/D/E TO RVR 4500.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART IN PLANVIEW: STJ VORTAC
CHART VDP AT 2.65 DME*
DISTANCE VDP TO THLD 0.69 NM
* LOC ONLY
CHART FAS OBST: 997 POLE 391950N/0944307W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S STJ VORTAC, RT, 355.00 INBOUND.
HOLD SW, RT, 043.24 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN CONTROL TOWER CLOSED.



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
S-ILS 19R	1191	1800	200	1191	1800	200	1191	1800	200	1191	1800	200	1191	1800	200
S-LOC 19R	1280	2400	289	1280	2400	289	1280	4000	289	1280	4000	289	1280	4000	289
CIRCLING	1540	1	513	1540	1	513	1540	1 1/2	513	1580	2	553	1580	2	553

CHANGES - REASONS

- 1. ADDED CAT E MINIMUMS TO PROCEDURE - PER FPT CHECKLIST.
- 2. S-ILS DA INCREASED FROM 1189 TO 1191. - TDZE CHANGED FROM 989 TO 991.
- 3. S-LOC MDA/HAT DECREASED FROM 1360/371 TO 1280/289, CAT C/D VISIBILITY INCREASED FROM RVR 3500 TO RVR 4000. - NEW CONTROLLING OBSTACLES IN FINAL AND MISSED APPROACH SECTION 1; NEW INOP VISIBILITY TABLE USED WITH NEW TDZE.
- 4. CIRCLING CAT A/B/C HAA DECREASED FROM 514 TO 513; CAT D DECREASED FROM 554 TO 553. - AIRPORT ELEVATION UPDATED FROM 1026 TO 1027.
- 5. AIRPORT ELEVATION CHANGED FROM 1026 FEET TO 1027 FEET, AND TDZE CHANGED FROM 989 FEET TO 991 FEET. - PER AIRNAV UPDATE.
- 6. TERMINAL ROUTES: COURSES CAMDO TO WESGI, WESGI TO BRTNY, BRTNY TO FAMUS, AND FAMUS TO HNZLY UPDATED FROM 190.93 TO 190.94. - LOCALIZER COURSE UPDATED IN AIRNAV.
- 7. ALTERNATE MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 330 AND ON RBA VOR/DME R-137 TO JUDAA INT/RBA 12.51 DME AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 355 AND STJ VORTAC R-175 TO STJ VORTAC AND HOLD." - RBA VOR/DME DECOMMISSIONED 3/26/20.
- 8. PROFILE LINE 5: DISTANCE TO THLD FROM IM UPDATED FROM 1044 TO 1046; DISTANCE TO THLD FROM GS ANT UPDATED FROM 1026 TO 1025. - NEW AIRNAV DATA FOR I-PAJ INCORPORATED.
- 9. PROFILE LINE 6: MM UPDATED FROM 1195 TO 1196; IM UPDATED FROM 1090 TO 1092. - NEW I-PAJ AIRNAV DATA INCORPORATED CHART 3/26/20.
- 10. CHART NOTE: DME OR RADAR REQUIRED REMOVED, REPLACED IN EQUIPMENT REQUIREMENTS NOTES. - PER 8260.19H, PARA 8-6-8 (A).
- 11. UPDATED NOTE: CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 19R: ... DA FROM 1139 TO 1141. - TDZE UPDATED FROM 1189 TO 1191.
- 12. UPDATED NOTE: CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 19R: ... DA FROM 1089 TO 1091. - TDZE UPDATED FROM 1189 TO 1191.
- 13. CHART PROFILE NOTE: "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" UPDATED TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})". - IAW 8260.19H 8-6-9 M(2).
- 14. ADDED NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 19R CAT E VISIBILITY TO RVR 4000 AND S-LOC 19R CAT C/D/E TO RVR 4500. - NEW INOP VISIBILITY TABLE USED.
- 15. ADDED ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON. - NEW CIRCLING RADII APPLIED IAW 8260.3D.
- 16. ADDITIONAL FLIGHT DATA: CHART VDP AT 2.91 DME* UPDATED TO 2.65 DME*; DISTANCE VDP TO THLD 0.95 NM UPDATED TO 0.69 NM. - LOC MDA DECREASED.
- 17. ADDITIONAL FLIGHT DATA: CHART FAS OBST: UPDATED FROM 1069 TREE TO 997 POLE. - NEW LOC STEPDOWN CONTROLLING OBSTACLE.
- 18. ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: "ALTERNATE MA HOLDING, HOLD SE JUDAA INT/RBA 12.51 DME, RT, 316.98 INBOUND" UPDATED TO "ALTERNATE MA HOLDING, HOLD S STJ VORTAC, RT, 355.00 INBOUND." - ALTERNATE MISSED APPROACH UPDATED, RBA VOR/DME DECOMMISSIONED 3/26/20.
- 19. REMOVED ADDITIONAL FLIGHT DATA: CHART LOC RWY 19L. - NO LONGER REQUIRED.
- 20. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON STJ VORTAC AIRWAY RADIAL 114 CW 203. - IAW 8260.3D 2-3-1 A(1).
- 21. UPDATED NOTE: "SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19L" TO "SIMULTANEOUS APPROACH AUTHORIZED." - IAW 8260.19H 8-6-11 O(7)A.
- 22. UPDATED ALTERNATE MINIMUM NOTES, ADDED NA WHEN CONTROL TOWER CLOSED. - ILS MONITORED IN CONTROL TOWER.

COORDINATED WITH:

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

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by

WARDELL HENNING

Feb 18, 2020

OFFICE

FICO

DATE

2/14/2020

DEVELOPED BY

WARDELL HENNING (BARBARA GORMAN)

Digitally signed by

WARDELL HENNING

Feb 18, 2020

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DATE

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APPROVED BY

LONNIE EVERHART

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Feb 18, 2020

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TITLE

MANAGER

