

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 ID</u> JEF	<u>PROCEDURE NAME</u> ILS OR LOC RWY 30	<u>ORIGINAL/AMENDMENT</u> 7	<u>CITY</u> JEFFERSON CITY	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 549	<u>TDZE</u> 549	<u>SUPERSEDED</u> ILS OR LOC RWY 30	<u>ORIGINAL/AMENDMENT</u> 6	<u>DATED</u> 10/12/2017
<u>FACILITY</u> I-JEF	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1W
				<u>EPOCH YEAR</u> 2025
				<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>
COU VOR/DME		ALGOA LOM					156.34	17.19	2800
HODGS INT		ALGOA LOM					254.45	8.61	2500
TOMAT INT		ALGOA LOM					027.85	10.07	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.21 NM AFTER ALGOA LOM/5.37 DME OR AT 1.16 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2800 DIRECT ALGOA LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2700 DIRECT VIH VOR/DME AND HOLD.

PROFILE:

1. PT R SIDE OF COURSE 123.53 OUTBOUND 2500 FT WITHIN 10 MILES OF ALGOA LOM/5.37 DME (IAF)
- 2.
3. FAC: 303.53 FAF: ALGOA LOM/5.37 DME DIST FAF TO MAP: 4.21 DIST FAF TO THLD: 4.21
4. MIN ALT: ALGOA LOM/5.37 DME 2000, WAPGY/2.92 DME 1160
5. DIST TO THLD FROM OM: 4.21 MM: IM: 150 HAT: GS ANT: 990
6. MIN GS INCPT: 2000 GS ALT AT PFAF: 2000 OM: 1941 MM: IM:
7. GS ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 53.5
8. MSA FROM: ALGOA LOM 3100



EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: CIRCLING RWY 9 NA AT NIGHT.

CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC 30 CATS C/D VISIBILITY TO 1 3/4 SM AND WAPGY FIX MINIMUMS: S-LOC 30 CATS C/D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW (CFVQF) AT 382942.58N/0915748.17W

HOLD SE, RT, 303.53 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE VIH VOR/DME, RT, 241.00 INBOUND.

CHART FAS OBST: 667 TREE (29-059055) 383431N/0920710W.

CHART VDP AT 2.17 DME.

DISTANCE VDP TO THLD 1.01 NM.

CHART IN PLANVIEW: VIH VOR/DME.

CHART CIRCLING ICON.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 800-2 1/4, CAT D 1100-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., 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 30	749	1/2	200	749	1/2	200	749	1/2	200	749	1/2	200			
S-LOC 30	1160	1/2	611	1160	1/2	611	1160	1 3/8	611	1160	1 3/8	611			
CIRCLING	1280	1	731	1280	1	731	1320	2 1/4	771	1560	3	1011			
WAPGY FIX MINIMUMS															
S-LOC 30	920	1/2	371	920	1/2	371	920	5/8	371	920	5/8	371			
CIRCLING	1280	1	731	1280	1	731	1320	2 1/4	771	1560	3	1011			



CHANGES - REASONS

1. PROFILE SECTION, LINE 3, ENTERED DIST FAF TO MAP AND DIST FAF TO THLD - TO SUPPORT THE NON-DME AIRCRAFT FLYING THE LOCALIZER FINAL.
2. PROFILE SECTION, LINE 4, REMOVED ASTERISK AFTER MINIMUM ALTITUDE IN FINAL - IAW .19I 1-1-5F(12).
3. PROFILE SECTION, LINE 5, CHANGED "DIST TO THLD FROM GS ANT" FROM 993 TO 990 - UPDATED AIRNAV DATA.
4. MOVED CHART NOTE: ADF REQUIRED FROM NOTES BOX TO EQUIPMENT REQUIREMENTS NOTES - 8260.19I.
5. MOVED ALL SECONDARY ALTIMETER SOURCE NOTES TO BACK OF 8260-9 - IAW .19I 8-6-9 F(3)
6. ADDITIONAL FLIGHT DATA, CHANGED FAS OBSTACLE FROM 621 TREE TO 667 TREE - UPDATED TARGETS EVALUATION.
7. ALTERNATE MINIMUMS, ILS CHANGED FROM "CAT A, B 800-2, CAT C 800-2 1/4, CAT D 1100-3" TO "STANDARD" - 8260.3D.
8. WAPGY FIX MINIMUMS, S-LOC 30: CHANGED ALL CATS MDA/HAT FROM 880/331 TO 920/371 - NEW CONTROLLING OBSTACLE.
9. S-LOC 30: CHANGED CAT C/D VIS FROM 1 TO 1 3/8. WAPGY FIX MINIMUMS, S-LOC 30: CHANGED CAT C/D VIS FROM 1/2 SM TO 5/8 SM - HAT INCREASED DUE TO NEW CONTROLLING OBSTACLE IN FINAL.
10. CHANGED MSA TO ALGOA LOM FROM 3000 TO 3100 IAW 8260.3E 2-3-2 (1)
11. DME IS PAIRED WITH I-JEF FACILITY WHICH IS THE SOURCE PROVIDING FINAL GUIDANCE, DELETE NAVAID DME REFERENCE IAW: 19I 8-2-6 C(1).
12. UPDATED VDP THLD FROM 1.2 NM TO 1.01 NM - UPDATED TARGETS EVALUATION.
13. APT/FACILITY MAGVAR CHANGED FROM 3E TO 1W, TERMINAL ROUTE COURSES UPDATED - MAGVAR UPDATE.
14. MOVED WAPGY FROM 2.66 NM TO 2.92 NM AND RAISED THE ALTITUDE FROM 1080 TO 1160 - NEW CONTROLLING OBSTACLE IN FINAL.
15. CHANGED HOLDING INBOUND COURSE FROM 299.52 TO 303.53 - MAGVAR CHANGE
16. ADDITIONAL FLIGHT DATA, 900 AAO 7:1 OBST REMOVED - OBSTACLE DOES NOT FALL IN THE 7:1 AREA
17. ADDED 20:1 AND 34:1 IS CLEAR - SURFACES ARE FREE OF PENETRATIONS
18. ADDED A C-I-H TO MISSED AND RAISED THE ALTITUDE TO 2800 - AIRCRAFT DID NOT REACH HOLDING ALTITUDE BY END OF MISSED APPROACH SEGMENT, C-I-H CONTROLLING OBSTACLE
19. CHANGED CIRCLING AND WAPGY FIX MINIMUMS CIRCLING CATS A AND B CMDA/HAA FROM 1320/771 TO 1280/731 - NEW CONTROLLING OBSTACLE

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER: MIZZU APP CON, KJEF TOWER, AIRPORT MANAGER, ZKC, MO ST AERO

FLIGHT CHECKED BY

Digitally signed by

CASEY D HILL

Aug 27, 2024

OFFICE

FPO

DATE

08/21/2024

DEVELOPED BY

Digitally signed by

ROSE BOONE-WALT

Jul 31, 2024

OFFICE

AJV-A412

DATE

06/13/2024

APPROVED BY

JOHNNIE BAKER III

Digitally signed by

CASEY D HILL

Aug 02, 2024

OFFICE

AJV-A410

DATE

TITLE

MANAGER

