

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> KFLO	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 13	<u>CITY</u> FLORENCE	<u>STATE</u> SC		
<u>AIRPORT ELEVATION</u> 147	<u>TDZE</u> 147	<u>SUPERSEDED</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 12C	<u>DATED</u> 01/27/2022	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-FLO	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 AUGUST 2023	<u>REQUIRED EFFECTIVE DATE</u> 08/10/2023	<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>
CTF VOR/DME	IAF	CADZU INT/I-FLO 13.68 DME	NOPT				156.12	32.76	2200
CADZU INT/I-FLO 13.68 DME	IF/IAF	IMOVE/I-FLO 7.74 DME					092.54	5.94 (I-FLO)	2200

MISSED APPROACH

MAP:
ILS: DA
LOC: I-FLO 1.48 DME

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2200 ON HEADING 270 AND ON SMS NDB BRG-069 TO CADZU INT/I-FLO 13.68 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD W CADZU, RT, 092.54 INBOUND, 2200 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAF: 092.54 FAF: IMOVE/I-FLO 7.74 DME DIST FAF TO MAP: DIST FAF TO THLD: 6.26
4. MIN ALT: CADZU INT/I-FLO 13.68 DME 2200, IMOVE/I-FLO 7.74 DME 2200
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1202
6. MIN GS INCPT: 2200 GS ALT AT PFAF: IMOVE/I-FLO 7.74 DME 2200 OM: MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 58.7
8. MSA FROM: ARP KFLO 3200



EQUIPMENT REQUIREMENTS NOTE:

DME REQUIRED.
ADF REQUIRED.

NOTES:

CHART NOTE: CIRCLING RWY 1, 19 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 574 TOWER (45-000151) 340939N/0795012W.
CHART VDP AT 3.53 DME.
DISTANCE VDP TO THLD 2.05 NM.

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 800-2 1/2, 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 09	347	1/2	200	347	1/2	200	347	1/2	200	347	1/2	200			
S-LOC 09	860	1/2	713	860	1/2	713	860	1 5/8	713	860	1 5/8	713			
CIRCLING	860	1	713	860	1	713	900	2 1/4	753	900	2 1/2	753			

CHANGES - REASONS

1. INCREASED S-LOC 09 MDA/HATFROM 840/693 TO 860/713; VISIBILITY CAT C FROM 1 1/2 TO 1 5/8, CAT D 1 3/4 TO 1 5/8. - NEW LOCALIZED CONTROLLING OBSTACLE.
2. REMOVED FEEDERS FROM COPEL, DUNGY, FLORENCE VORTAC, NUTAL AND PEGIE; INITIAL FROM CHART. - FPT/ATRC REQUEST; FLORENCE VORTAC DECOMMISSIONING.
3. ADDED INITIAL SEGMENT FROM CTF VOR/DME. - FPT/ATC REQUEST.
4. REMOVED HOLD-IN-LIEU AND FAF AT ALCOT LOM. - ALCOT LOM DECOMMISSIONING.
5. ADDED HOLD-IN-LIEU AT CADZU; ADDED/MOVED FAF TO FIX IMOVE. - PER FPT REQUEST; I-FLO DME ADDED; TO MATCH RNAV (GPS) RWY 9.
6. UPDATED LOC MAP FROM 5.94 NM AFTER ALCOT LOM TO I-FLO 1.48 DME. - ALCOT LOM DECOMMISSIONING; I-FLO DME ADDED.
7. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING ON 070 AND FLO VORTAC R-088 TO CARLI/FLO 15.9 DME AND HOLD" TO "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2200 ON HEADING 270 AND ON SMS NDB BRG-069 TO CADZU INT/I-FLO 13.68 DME AND HOLD." - PER FPT REQUEST; FLORENCE VORTAC DECOMMISSIONING.
8. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS. - FL LOM DECOMMISSIONING.
9. LINE 2: UPDATED FROM "HOLD W ALCOT LOM, LT, 088.55 INBOUND, 2200 FT IN LIEO IF PT (IAF)" TO "HOLD W CADZU, RT, 092.54 INBOUND, 2200 FT. IN LIEU OF PT (IAF), MAX 6000." - HOLD-IN-LIEU MOVED PER FPT; MAX ALTITUDE ADDED IAW 8260.19I PARA 8-6-7 B(2).
10. LINE 3: UPDATED FAC FROM 083.54 TO 092.54; UPDATED FAF FROM FL OM TO IMOVE/1-FLO 7.74 DME; REMOVED DIST FAF TO MAP: 5.94; UPDATED DIST FAF TO THLD FROM 5.94 TO 6.26. - KFLO MAGVAR UPDATED FROM W5/1980 TO W9/2025; ALCOT LOM DECOMMISSIONING; IAW 8260.19I 8-6-7 C(3); FAF MOVED TO ACCOMMODATE DESIGN TCH.
11. LINE 4: UPDATED MIN ALT FROM "CADZU 2200, FL LOM 220" TO "CADZU INT/I-FLO 13.68 DME 2200, IMOVE/I-FLO 7.74 DME 2200." - I-FLO DME ADDED; FAF MOVED TO FIX IMOVE.
12. LINE 5: REMOVED DIST TO THLD FROM OM: 5.94. - OUTER MAKER DECOMMISSIONED.
13. LINE 6: REMOVED MIN GS INCPT AT OM: 2130. - OUTER MAKER DECOMMISSIONED.
14. LINE 8: UPDATED MSA FROM "FL OM 045-135 3200, 135-045 2400" TO "ARP KFLO 3200." - FL OM DECOMMISSIONING; MSA MOVED TO KFLO ARP.
15. CHART NOTE: DME REQUIRED REMOVED; ADDED PBN REQUIREMENTS NOTE: "DME REQUIRED" AND "ADF REQUIRED." - IAW 8260.19I 8-6-8 2(A).
16. CHART NOTE: MOVED ALTERNATE ALTIMETER NOTE TO 8260-9 PART C - REMARKS. - IAW 8260.19I 8-6-9 F.
17. REMOVED ADDITIONAL FLIGHT DATA: CHART (GELEC) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE. - SEGMENT REMOVED.
18. REMOVED ADDITIONAL FLIGHT DATA: CHART APT ELEV 146, TDZ ELEV 143. - NO LONGER REQUIRED.
19. REMOVED ADDITIONAL FLIGHT DATA: CHART: ASR - NO LONGER REQUIRED; NEED DETERMINED BY CHARTING.
20. REMOVED ADDITIONAL FLIGHT DATA: HOLD W, RT, 087.91 INBOUND. - SAME AS HOLD-IN-LIEU PROFILE LINE 2.
21. REMOVED ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W FLO ILS, LT, 088.55 INBOUND. - ALTERNATE MA REMOVED.
22. UPDATED CHART FAS OBST FROM 575 TWR 340939N/0795012W TO CHART FAS OBST: 574 TOWER (45-000151) 340939N/0795012W. - NEW LOCALIZER CONTROLLING OBSTACLE; OBSTACLE ID ADDED IAW 8260.19I 8-6-10C.
23. ADDED ADDITIONAL FLIGHT DATA: CHART VDP AT 3.53 DME, DISTANCE VDP TO THLD 2.05 NM. - FINAL FACILITY HAS DME.

06/28/2023: THIS IS AN UPDATE COPY OF THE FORM DEVELOPED ON 01/23/2023.
ADDED 08/10/2023 TO REQUIRED EFFECTIVE DATE



