

**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> KFL	<u>PROCEDURE NAME</u> ILS OR LOC RWY 10L	<u>ORIGINAL/AMENDMENT</u> 25	<u>CITY</u> FORT LAUDERDALE	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 65	<u>TDZE</u> 7	<u>SUPERSEDED</u> ILS OR LOC RWY 10L	<u>ORIGINAL/AMENDMENT</u> 24A	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-LHI	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<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>
FLL VOR/DME		HOLID INT/I-LHI 20.78 DME					276.91	19.23	5000
HOLID INT/I-LHI 20.78 DME	IF/IAF	GAMVE INT/I-LHI 13.85 DME					096.36	6.93 (I-LHI)	4000
GAMVE INT/I-LHI 13.85 DME		WAROR/I-LHI 10.71 DME/RADAR					096.36	3.14 (I-LHI)	3000
WAROR/I-LHI 10.71 DME/RADAR		NOVAE INT/I-LHI 6.94 DME					096.36	3.77 (I-LHI)	1800

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.48 NM AFTER NOVAE INT/I-LHI 6.94 DME OR AT I-LHI 1.46 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4000 ON FLL VOR/DME R-090 TO MARTS INT/FLL VOR/DME 9.16 DME AND HOLD. CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 070 AND ON DHP VORTAC R-049 TO ZIMAV INT/DHP 32.76 DME AND HOLD.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W HOLID, LT, 096.36 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 5000.
- FAF: 096.36 FAF: NOVAE INT/I-LHI 6.94 DME DIST FAF TO MAP: 5.48 DIST FAF TO THLD: 5.48
- MIN ALT: HOLID INT/I-LHI 20.78 DME 5000, GAMVE INT/I-LHI 13.85 DME 4000, WAROR/I-LHI 10.71 DME/RADAR 3000, NOVAE INT/I-LHI 6.94 DME 1800, PAKEE/I-LHI 3.06 DME 560
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 991
- MIN GS INCPT: 1800 GS ALT AT FAF: NOVAE INT/I-LHI 6.94 DME 1800 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 48.8
- MSA FROM: FLL VOR/DME 2100



EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.

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

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 10L CATS A, B VISIBILITY TO RVR 5500. PAKEE FIX MINIMUMS: INCREASE S-LOC 10L CATS A/B VISIBILITY TO RVR 5500, CATS C/D TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON

HOLD E, RT, 270.19 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW ZIMAV INT/DHP 32.76 DME, LT, 049.43 INBOUND.

CHART FAS OBST: 156 CRANE (12-116399) 260430N/0801148W.

CHART 181 POLE 260457N/0801211W.

CHART IN PLANVIEW: ZIMAV INT/DHP 32.76 DME.

CHART MANDATORY 5000 AT HOLID.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4

<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>
S-ILS 10L	207	2400	200	207	2400	200	207	2400	200	207	2400	200			
S-LOC 10L	560	2400	553	560	2400	553	560	6000	553	560	6000	553			
CIRCLING	680	1	615	680	1	615	800	2	735	800	2 1/4	735			
PAKEE FIX MINIMUMS (DME REQUIRED)															
S-LOC 10L	420	2400	413	420	2400	413	420	4000	413	420	4000	413			
CIRCLING	680	1	615	680	1	615	800	2	735	800	2 1/4	735			



CHANGES - REASONS

1. CHANGED THE MISSED APPROACH FROM "CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 ON FLL VOR/DME R-070 TO ZIMAV INT/FLL 15.00 DME AND HOLD" TO "CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4000 ON FLL VOR/DME R-090 TO MARTS INT/FLL 9.16 DME AND HOLD" - TO STANDARDIZE FIX NAMES ACROSS PROCEDURES WHICH AIDS IN THE MORE EFFICIENT FLOW OF ATC TRAFFIC.
2. ADDED NOTE TO EQUIPMENT REQUIREMENT NOTES: "DME OR RADAR REQUIRED" - IAW 8260.3D 2-9-9 C (1 & 2).
3. UPDATED CHART NOTE FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 10R" TO "SIMULTANEOUS APPROACH AUTHORIZED" - 8260.19I 8-6-11 O 8 (A).
4. REMOVED CHART NOTE "RWY 10L HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED" - NEW TARGETS EVALUATION, NO HELICOPTER VISIBILITY RESTRICTIONS.
5. CHANGED ILS RVR VIS ALL CATS FROM "4000" TO "2400", AND LOC RVR VIS CATS A AND B FROM "4000" TO "2400" - NEW TARGETS EVALUATION.
6. UPDATED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE S-LOC 10L CATS A, B VISIBILITY TO RVR 5000 AND CATS C,D VISIBILITY TO 1 5/8 MILES. PAKEE FIX MINIMUMS: INCREASE S-LOC 10L ALL CATS VISIBILITY TO RVR 5500" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 10L CATS A, B VISIBILITY TO RVR 5500. PAKEE FIX MINIMUMS: INCREASE S-LOC 10L CATS A/B VISIBILITY TO RVR 5500, CATS C/D TO RVR 6000. - 8260.19I 8-6-11 O 3 (D).
7. MOVED FIX NOVAE 24.74 FEET SE - TO ALIGN WITH FAC.
8. ADDED FIX GAMVE AND REMOVED FIX PIONN - TO STREAM LINE PROCEDURE WITH OTHERS AT AIRPORT.
9. CHANGED ILS CAT A TO D MINIMUM DA/HAT FROM "257/250" TO "207/200" - A PREVIOUS PENETRATION OF THE INNER OFZ (APPROACH LIGHT PLANE) PROVIDED BY THE AIRPORT IS NO LONGER A FACTOR (NEW SURVEY 1/27/16) AND ATC REQUEST.
10. CHANGED LOC STEPDOWN CAT A TO D MINIMUMS FROM MDA "380/HAT 373" TO MDA "420/HAT 413" - NEW CONTROLLING OBSTACLE CRANE 156 MSL (12-116399).
11. CHANGED FIX NAME FROM ZARLA TO GAMVE - 8260.19I 8-5-1 D.
12. CHARTED MANDATORY 5000 AT HOLID AND ADDED H-I-L - ATC REQUEST.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMA, MIA APP CON, FLL ATCT, APT MGR

FLIGHT CHECKED BY*Digitally signed by***JOHN BORDY**

Jun 10, 2021

OFFICE

FICO

DATE

06/07/2021

DEVELOPED BY*Digitally signed by*

JOHN BORDY (ARTHUR ULVESTAD)

JOHN BORDY

Jun 10, 2021

OFFICE

AJV-A422

DATE

03/30/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JOHN BORDY**

Jun 10, 2021

OFFICE

AJV-A420

DATE**TITLE**
MANAGER