

**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> MLB	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9R	<u>ORIGINAL/AMENDMENT</u> 13	<u>CITY</u> MELBOURNE	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 33	<u>TDZE</u> 32	<u>SUPERSEDED</u> ILS OR LOC RWY 9R	<u>ORIGINAL/AMENDMENT</u> 12C	<u>DATED</u> 05/21/2020
<u>FACILITY</u> I-MLB	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 FEBRUARY 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 7W
				<u>EPOCH YEAR</u> 2015
				<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>
MLB VOR/DME		FIBOP/MLB 6.46 DME/RADAR	FAF/IAF				272.43	6.45	1600

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.07 NM AFTER FIBOP/MLB 6.46 DME/RADAR OR AT MLB 1.40 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 ON MLB VOR/DME R-096 TO CAPEN/MLB VOR/DME 5.28 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD 2000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2000 ON I-MLB LOCALIZER E COURSE (094) TO CAPEN/MLB VOR/DME 5.28 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

PROFILE:

1. PT	L	SIDE OF COURSE	273.88	OUTBOUND	1600	FT WITHIN	10	MILES OF	FIBOP/MLB 6.46 DME/RADAR (IAF)
2.									
3. FAC:	093.88	FAF:	FIBOP/MLB 6.46 DME/RADAR	DIST FAF TO MAP:	5.07	DIST FAF TO THLD:	5.07		
4. MIN ALT:	FIBOP/MLB 6.46 DME/RADAR 1600								
5. DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		GS ANT:	1251
6. MIN GS INCPT:	1600	GS ALT AT PFAF:	FIBOP/MLB 6.46 DME/RADAR 1600			OM:		MM:	
7. GS ANGLE:	2.80	34:1:		20:1:		TCH:	61.2		IM:
8. MSA FROM:	MLB VOR/DME 3000								

QUALITY
10
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

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

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 275.67 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E CAPEN/MLB 5.28 DME/RADAR, LT, 273.89 INBOUND.
FAS OBST: 227 AAO 280530N/0804548W.
CHART W-497B.
CHART VDP AT 2.54 DME.
DISTANCE VDP TO THLD 1.14 NM.
CHART IN PLANVIEW: CAPEN/MLB 5.28 DME/RADAR.
CHART IN PLANVIEW: (CFFGT) (280528.06N/0805204.62W).

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 900-2 3/4, 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 09R	232	1800	200	232	1800	200	232	1800	200	232	1800	200			
S-LOC 09R	480	2400	448	480	2400	448	480	4500	448	480	4500	448			
CIRCLING	500	1	467	560	1	527	680	1 3/4	647	880	2 3/4	847			



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED TRV VORTAC FEEDER FROM PROCEDURE - TRV VOR MON PROGRAM.
2. TERMINAL ROUTES: CHANGED FROM "FIBOP INT/MLB VOR/DME 6.37 DME/RADAR" TO "FIBOP/MLB 6.46 DME/RADAR" - FAF/IAF IS DME/RADAR ONLY DUE TO TRV DECOMMISSIONING, REMOVED VOR/DME PER 8260.19J, RELOCATED BASED ON GPA/TCH.
3. TERMINAL ROUTES: ADDED "FAF/IAF" TO FIBOP FIX TYPE - PER 8260.19J, PARA 8-6-4A.
4. TERMINAL ROUTES: CHANGED MLB VOR/DME FEEDER SEGMENT COURSE FROM 272.41 TO 272.43 AND DISTANCE FROM 6.37 TO 6.45 - FAF/IAF RELOCATED BASED ON GPA/TCH.
5. CHANGED LOC MAP FROM "4.99 NM AFTER FIBOP INT/MLB 6.37 DME/RADAR OR AT MLB VOR/DME 1.39 DME FIX" TO "5.07 NM AFTER FIBOP/MLB 6.46 DME/RADAR OR AT MLB 1.40 DME" - FIBOP (FAF/IAF) RELOCATED BASED ON GPA/TCH.
6. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2000 ON MLB VOR/DME R-096 TO CAPEN INT/MLB VOR/DME 5.18 DME/RADAR AND HOLD" TO "CLIMB TO 2000 ON MLB VOR/DME R-096 TO CAPEN/MLB VOR/DME 5.28 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000" - FIX IS DME/RADAR ONLY DUE TO TRV DECOMMISSIONING, CIH REQUIRED.
7. ALTERNATE MA: CHANGED FROM "CLIMB TO 2000 ON I-MLB LOCALIZER E COURSE (094) TO CAPENINT/MLB VOR/DME 5.18 DME/RADAR AND HOLD E, LT, 273.89 INBOUND" TO "CLIMB TO 2000 ON I-MLB LOCALIZER E COURSE (094) TO CAPEN/MLB VOR/DME 5.28 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000"- FIX IS DME/RADAR ONLY DUE TO TRV DECOMMISSIONING, CIH REQUIRED.
8. PROFILE LINE 1: CHANGED FROM "FIBOP" TO "FIBOP/MLB 6.46 DME/RADAR" - FIX IS DME/RADAR ONLY DUE TO TRV DECOMMISSIONING.
9. PROFILE LINE 3: CHANGED FROM "FIBOP/MLB VOR/DME 6.37 DME/RADAR" TO "FIBOP/MLB 6.46 DME/RADAR" - FIX IS DME/RADAR ONLY DUE TO TRV DECOMMISSIONING, RELOCATED BASED ON GPA/TCH.
10. PROFILE LINE 3: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.99 TO 5.07 - FIBOP (FAF/IAF) RELOCATED BASED ON GPA/TCH.
11. PROFILE LINE 4: CHANGED MIN ALT FROM "FIBOP 1600" TO "FIBOP/MLB 6.46 DME/RADAR 1600" - FAF DEFINED AS DME/RADAR.
12. PROFILE LINE 6: CHANGED GS ALT AT PFAF FROM "FIBOP 1600" TO "FIBOP/MLB 6.46 DME/RADAR 1600" - FAF DEFINED AS DME/RADAR.
13. PROFILE LINE 7: CHANGED TCH FROM 61.1 TO 61.2 - BASED ON AIRNAV DATA.
14. MOVED "DME OR RADAR REQUIRED" FROM NOTES TO EQUIPMENT REQUIREMENT NOTES - PER 8260.19J, PARA 8-6-9A.
15. CHANGED CHART PROFILE NOTE FROM "VGSI AND ILS GLIDEPATH NOT COINCIDENT" TO "VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - PER CURRENT CRITERIA STANDARDS DOCUMENTATION.
16. ADDITIONAL FLIGHT DATA: CHANGED "HOLD E, LT, 275.71 INBOUND" TO "HOLD E, LT, 275.67 INBOUND" - HOLDING FIX RELOCATED FOR THE LOC BC RWY 27L PROCEDURE.
17. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 123 ANT 280552N/0804046W" TO "FAS OBST: 227 AAO 280530N/0804548W" - NEW CONTROLLING OBSTACLE.
18. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 2.54 DME" AND "DISTANCE VDP TO THLD 1.14 NM" - PER 8260.19J, PARA 8-6-11M(1).
19. ADDITIONAL FLIGHT DATA: CHANGED CHART IN PLANVIEW NOTE FROM "ALTERNATE MA HOLDING, HOLD E CAPEN INT/MLB VOR/DME 5.18 DME/RADAR, LT, 273.89 INBOUND" TO "ALTERNATE MA HOLDING, HOLD E CAPEN/MLB 5.28 DME/RADAR, LT, 273.89 INBOUND" - HOLDING FIX RELOCATED FOR THE LOC BC RWY 27L PROCEDURE.
20. CHANGED ALTERNATE MINS FROM "STANDARD" TO "ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 900-2 3/4, NA WHEN CONTROL TOWER CLOSED" - PER 8260.3E, VIS TABLES 3-3-1.
21. CHANGED S-LOC 09R ALL CATS MDA/HAT FROM 420/388 TO 480/448 AND CAT C AND D VISIBILITY FROM 3500 TO 4500 - NEW CONTROLLING OBSTACLE, PER 8260.3E, VIS TABLES 3-3-3.

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: MLB ATCT, ORL APP CON, ZJX.

FLIGHT CHECKED BY

WILLIAM M YINGLING

Digitally signed by

JOSEPH L ZEDER

Oct 02, 2024

OFFICE

FPO

DATE

09/20/2024

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

JOSEPH L ZEDER

Oct 02, 2024

OFFICE

AJV-A432

DATE

07/09/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

JOSEPH L ZEDER

Oct 02, 2024

OFFICE

AJV-A432

DATE

TITLE

MANAGER

