

**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> 14	<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SUPERSEDED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> 13	<u>DATED</u> 02/20/2025
<u>FACILITY</u> I-MLB	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
ROMPE	IAF	SUROY		TF	FB	1.00	008.86	6.39	2000
LOTTI	IAF	SUROY		TF	FB	1.00	180.00	6.44	2000
SUROY	IF	FIBOP/MLB 6.46 DME/RADAR		TF	FB	1.00	093.79	5.68	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:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
1. PROFILE STARTS AT SUROY
- FAC: 093.88 FAF: FIBOP/MLB 6.46 DME/RADAR DIST FAF TO MAP: 5.07 DIST FAF TO THLD: 5.07
- MIN ALT: SUROY 2000, FIBOP/MLB 6.46 DME/RADAR 1600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1251
- MIN GS INCPT: 1600 GS ALT AT PFAF: FIBOP/MLB 6.46 DME/RADAR 1600 OM: MM: IM:
- GS ANGLE: 2.80 34:1 20:1 TCH: 61.2
- MSA FROM: MLB VOR/DME 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

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: 223 AAO 280521N/0804530W.
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.

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.

<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 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 "MLB VOR/DME TO FIBOP" SEGMENT – REPLACED WITH PBN TRANSITION PER ATC/FPT REQUEST.
2. TERMINAL ROUTES: ADDED "ROMPE AND LOTTI TO SUROY" INITIAL SEGMENTS – ADDED PBN TRANSITION PER ATC/FPT REQUEST.
3. TERMINAL ROUTES: ADDED "SUROY TO FIBOP" INTERMEDIATE SEGMENT – TO MATCH RNAV (GPS) RWY 9R PER ATC/FPT REQUEST.
4. PROFILE LINE 1: REMOVED PROCEDURE TURN INFORMATION – REPLACED WITH SUROY INTERMEDIATE SEGMENT PER ATC/FPT REQUEST.
5. PROFILE LINE 2: ADDED "PROFILE STARTS AT SUROY" – ADDED INTERMEDIATE SEGMENT FROM SUROY PER ATC/FPT REQUEST.
6. PBN REQUIREMENTS: ADDED "RNP APCH – GPS" – OVERLAYED PBN TRANSITIONS TO MATCH RNAV (GPS) RWY 9R.
7. ADDITIONAL FLIGHT DATA: CHANGED FROM "FAS OBST: 227 AAO 280530N/0804548W" TO "FAS OBST: 223 AAO 280521N/0804530W" – NEW CONTROLLING OBSTACLE.
8. ADDITIONAL FLIGHT DATA: REMOVED "CHART IN PLANVIEW: (CFFGT) (280528.06N/0805204.62W)" –NO LONGER REQUIRED, ADDED SUROY INTERMEDIATE SEGMENT PER ATC/FPT REQUEST.



COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: MLB ATCT, ORL APP CON, ZJX, AMGR.

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

APRIL SARMENTO (ROBERT A. SWINSON)

OFFICE

AJV-A432

DATE

05/18/2026

APPROVED BY

APRIL SARMENTO

OFFICE

AJV-A432

DATE

TITLE

MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
MLB	ILS OR LOC RWY 9R	14	MELBOURNE	FL	33	I-MLB

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM ROMPE **TO** SUROY

RNP 1.00 **DISTANCE** 6.39 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-003950)	280519.73N/0805151.36W	312	20	3	1A	1000				AT688	2000
TERRAIN	275921.00N/0805412.00W	55 (100)								AS1500	1600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INITIAL

FROM LOTTI **TO** SUROY

RNP 1.00 **DISTANCE** 6.44 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-003950)	280519.73N/0805151.36W	312	20	3	1A	1000				AT688	2000
TERRAIN	280630.00N/0805351.00W	55 (100)								AS1500	1600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



INTERMEDIATE

FROM

SUROY

TO

FIBOP/MLB 6.46 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	5.68										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-003950)	280519.73N/0805151.36W	312	20	3	1A	500				AT788	1600
TERRAIN	280654.00N/0805324.00W	45 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS

FROM

FIBOP/MLB 6.46 DME/RADAR

TO

RW09R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	5.07		DA		200						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				232

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC

FROM

FIBOP/MLB 6.46 DME/RADAR

TO

5.07 NM AFTER FIBOP/MLB 6.46 DME/RADAR OR AT MLB 1.40 DME

RNP

DISTANCE

PAT

MAP

HAT

HMAS

5.07

5.07 NM AFTER FIBOP/MLB 6.46 DME/RADAR OR AT MLB 1.40 DME

448

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	280521.00N/0804530.00W	223	215	8	4B	250					480

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM

DA

TO

CAPEN/MLB 5.28 DME/RADAR

RNP

DISTANCE

PAT

MAP

HAT

HMAS

64

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
AAO	280542.00N/0803403.00W	220	215	8	4B	1000					1300
TERRAIN	280557.00N/0803915.00W	49 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LOC

FROM

5.07 NM AFTER FIBOP/MLB 6.46 DME/RADAR OR AT MLB 1.40 DME

TO

CAPEN/MLB 5.28 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
								230			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
AAO	280542.00N/0803403.00W	220	215	8	4B	1000					1300
TERRAIN	280557.00N/0803915.00W	49 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: ILS

FROM

DA

TO

CAPEN/MLB 5.28 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 64				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
AAO	280542.00N/0803403.00W	220	215	8	4B	1000					1300
TERRAIN	280557.00N/0803915.00W	49 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH ALTERNATE: LOC

FROM

5.07 NM AFTER FIBOP/MLB 6.46 DME/RADAR OR AT MLB 1.40 DME

TO

CAPEN/MLB 5.28 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
								230			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
AAO	280542.00N/0803403.00W	220	215	8	4B	1000					1300
TERRAIN	280557.00N/0803915.00W	49 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
BUILDING (12-002246)	280523.05N/0803729.95W	1.30	467	194	20	3	1A	300			500
CATEGORY B											
TOWER (12-000555)	280449.73N/0803629.22W	1.81	527	259	20	3	1A	300			560
CATEGORY C											
TOWER (12-002260)	280315.29N/0803827.77W	2.84	647	324	500	50	5D	300		AC50	680
CATEGORY D											
TOWER (12-002052)	280250.54N/0804031.59W	3.70	847	525	250	50	4D	300		AC50	880

CIRCLING REMARKS:

MSA

CENTER

MLB VOR/DME

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (12-004140)	281645.00N/0810124.00W	304	23.1	1949	50	20	2C	1000			3000

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MLB TOWER, ORL APP CON, ZJX ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	MLB	24	MLB		Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

NO BACKUP ALTIMETER DESIGNATED, REDUNDANT ALTIMETER AVAILABLE.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-MLB	MLB ATCT	TWR OPEN	1
		TWR CLOSED	3

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW05 - MIRL (PCL), PAPI-2L	BSC-G	
RW23 - MIRL (PCL), PAPI-2L	BSC-G	
RW09L - MIRL (PCL), PAPI-4L	NPI-G	
RW27R - MIRL (PCL), PAPI-4L	NPI-G	
RW09R - MALSR (PCL), C/LINE, HIRL (PCL), TDZ, PAPI-4L (PCL)	PIR-G	APPROACH
RW27L - C/LINE, REIL (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-G	ROLL OUT

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
2.80	32.0	61.2	28.3	1251	3.00	82.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
---------------------	----------------------	------------	----------------

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

75 FT VEGETATION USED PER FPT.

DUE TO THE EXCESSIVE COSTS REQUIRED TO REPOSITION THE NECESSARY EQUIPMENT OR THRESHOLD, A 61.2 FOOT TCH AND 2.80 DEGREE GLIDEPATH ANGLE WERE RETAINED PER FPT AND AIRPORT MANAGERMENTS REQUEST.

WAIVER: A WAIVER FOR A 61.2 FOOT TCH SUBMITTED WITH THIS AMENDMENT.

APPROVAL LETTER: 2.80 DEGREE GLIDEPATH ANGLE DATED 02/14/2005 IS ON FILE.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.07
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.88
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	086.88
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.87
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.27
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	086.88
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)	280604.61N/0803940.09W
ARP COORDINATES	280609.90N/0803842.90W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 9R DISTANCE 0.85 NM
FAF COORDINATES	280547.88N/0804523.56W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
APRIL SARMENTO (ROBERT A. SWINSON)	AJV-A432	05/18/2026	AERONAUTICAL INFORMATION SPECIALIST

