

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> RNAV (GPS) RWY 9L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MELBOURNE	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 33	<u>TDZE</u> 33	<u>SUPERSEDED</u> RNAV (GPS) RWY 9L	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 FEBRUARY 2025	<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>
WIXED		NAJBE		TF	FB	1.00	321.30	27.25	2000
PRESK		SUZEN		TF	FB	1.00	131.20	10.00	3000
SUZEN		FIFMU		TF	FB	1.00	131.27	6.80	2000
FIFMU	IAF	CEJNO	NOPT	TF	FB	1.00	178.78	5.00	2000
NAJBE	IAF	CEJNO	NOPT	TF	FB	1.00	009.32	5.25	2000
CEJNO	IF/IAF	AWZAC		TF	FB	1.00	093.79	6.00	1600
AWZAC	FAF	RW09L	MAP	TF	FO	0.30	093.83	4.76	
RW09L	MAP	283 MSL		CA			093.83		
283 MSL		LIQNI		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT LIQNI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD W CEJNO, RT, 093.79 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 093.83 FAF: AWZAC DIST FAF TO MAP: 4.76 DIST FAF TO THLD: 4.76
4. MIN ALT: CEJNO 2000, AWZAC 1600
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.62 GS ANT: MM: IM:
6. MIN GP INCPT: 1600 GP ALT AT PFAF: AWZAC 1600
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 55.0
8. MSA FROM: RW09L 3000

QUALITY
10
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 2°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 9L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PRESK ON V159-537 NORTHWEST BOUND.
CHART SPEED ICON IN PLANVIEW AT FIFMU: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT NAJBE: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 273.99 INBOUND.
FAS OBST: 227 AAO 280509N/0804509W.
CHART W-497B.
CHART VDP AT 1.28 NM TO RW09L.
WAAS CHANNEL # 65601
REFERENCE PATH ID: W09A
LTP HAE: -18.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4

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
LPV DA	283	3/4	250	283	3/4	250	283	3/4	250	283	3/4	250			
LNAV/VNAV DA	473	1 1/4	440	473	1 1/4	440	473	1 1/4	440	473	1 1/4	440			
LNAV MDA	480	1	447	480	1	447	480	1 3/8	447	480	1 3/8	447			
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: ADDED WIXED FEEDER TO PROCEDURE - PER ATC REQUEST.
3. TERMINAL ROUTES: CHANGED FAF TO MAP COURSE FROM 093.84 TO 093.83 - FAF ALIGNED TO FAC.
4. TERMINAL ROUTES: CHANGED CA FROM 281 MSL TO 283 MSL - BASED ON LPV MINIMUMS.
5. PROFILE LINE 3: CHANGED FAC FROM 093.84 TO 093.83 - FAC ALIGNED TO RWY CENTERLINE.
6. PROFILE LINE 5: ADDED "250 HAT: 0.62" - PER 8260.19J, PARA 8-6-7E(3).
7. PROFILE LINE 7: ADDED "20:1: IS CLEAR" - NO PENETRATIONS EXIST.
8. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - PER 8260.19J, PARA 8-6-8D.
9. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 2°C OR ABOVE 54°C" - FAHRENHEIT VALUES NO LONGER REQUIRED, NEW EVALUATION WITH UPDATED CRITICAL TEMPERATURES.
10. CHANGED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 9L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 PENETRATIONS EXIST.
11. CHANGED PROFILE NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - UPDATED NOTE PER CURRENT CRITERIA.
12. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TRV VORTAC AIRWAY RADIALS 303 CW 350" - TRV VORTAC FEEDER REMOVED FROM PROCEDURE PER VOR MON PROGRAM.
13. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD E, RT, 273.98 INBOUND" TO "HOLD E, RT, 273.99 INBOUND" - LIQNI HOLD COURSE INBOUND ALIGNED TO IF COURSE FOR RNAV (GPS) RWY 27R PROCEDURE.
14. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 160 TOWER (12-020105) 280640N/0804041W" TO "FAS OBST: 227 AAO 280509N/0804509W" - NEW CONTROLLING OBSTACLE.
15. ADDITIONAL FLIGHT DATA: REMOVED "*"LNAV ONLY" - NO LONGER REQUIRED.
16. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 1.05 MILES TO RW09L" TO "CHART VDP AT 1.28 NM TO RW09L" - BASED ON 8260.3E FORMULA 2-6-5.
17. CHANGED LNAV/VNAV ALL CATS DA/HAT FROM 467/434 TO 473/440 AND ALL CATS VISIBILITY FROM 1 3/8 TO 1 1/4 SM - NEW CONTROLLING OBSTACLE, UPDATED 8260.3E, TABLE 3-3-1.
18. CHANGED LNAV ALL CATS MDA/HAT FROM 420/387 TO 480/447 AND CATS C AND D FROM VISIBILITY FROM 1 1/8 SM TO 1 3/8 SM - NEW CONTROLLING OBSTACLE, UPDATED 8260.3E, TABLE 3-3-1.
19. UPDATED CRC REMINDER FROM "AC851457" TO "29A70C4B" - LTP/FTP COORDINATES CHANGED FROM "280619.4600N/0803935.4900W" TO "280619.4585N/0803935.4930W" AND FPAP COORDINATES CHANGED FROM "280624.3100N/0803754.8900W" TO "280624.3175N/0803754.8865W".

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

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HAI

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NBAA

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OTHER: MLB ATCT, ORL APP CON, ZJX.

FLIGHT CHECKED BY

WILLIAM M YINGLING

Digitally signed by

JOSEPH L ZEDER

Sep 25, 2024

OFFICE

FPO

DATE

09/20/2024

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

JOSEPH L ZEDER

Sep 25, 2024

OFFICE

AJV-A432

DATE

07/15/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

JOSEPH L ZEDER

Sep 25, 2024

OFFICE

AJV-A432

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMLB
RUNWAY	RW09L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	280619.4585N
LTP/FTP LONGITUDE	0803935.4930W
LTP/FTP ELLIPSOIDAL HEIGHT	-00189
FPAP LATITUDE	280624.3175N
FPAP LONGITUDE	0803754.8865W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	29A70C4B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00093
FPAP ORTHOMETRIC HEIGHT	+00093

