

**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 9R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MELBOURNE	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 33	<u>TDZE</u> 32	<u>SUPERSEDED</u> RNAV (GPS) RWY 9R	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 7W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 1D	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2015
		<u>ACTUAL EFFECTIVE DATE</u> 20 FEBRUARY 2025	<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>
PRESK		SUZEN		TF	FB	1.00	131.20	10.00	3000
SUZEN		FIFMU		TF	FB	1.00	131.27	6.80	2000
WIXED		NAJBE		TF	FB	1.00	321.30	27.25	2000
FIFMU	IAF	SUROY	NOPT	TF	FB	1.00	179.79	5.24	2000
NAJBE	IAF	SUROY	NOPT	TF	FB	1.00	008.78	5.00	2000
SUROY	IF/IAF	JINBA		TF	FB	1.00	093.79	6.00	1600
JINBA	FAF	RW09R	MAP	TF	FO	0.30	093.84	4.75	
RW09R	MAP	232 MSL		CA			093.84		
232 MSL		ZUVOM		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT ZUVOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD W SUROY, RT, 093.79 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 093.84 **FAF:** JINBA **DIST FAF TO MAP:** 4.75 **DIST FAF TO THLD:** 4.75
4. **MIN ALT:** SUROY 2000, JINBA 1600
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.45 **GS ANT:**
6. **MIN GP INCPT:** 1600 **GP ALT AT PFAF:** JINBA 1600 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 55.0
8. **MSA FROM:** RW09R 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 2°C OR ABOVE 54°C.
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, 273.98 INBOUND.
FAS OBST: 227 AAO 280509N/0804509W.
CHART W-497B.
CHART VDP AT 1.14 NM TO RW09R.
WAAS CHANNEL # 60901
REFERENCE PATH ID: W09B
LTP HAE: -18.4 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	232	1800	200	232	1800	200	232	1800	200	232	1800	200			
LNAV/VNAV DA	427	3500	395	427	3500	395	427	3500	395	427	3500	395			
LNAV MDA	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: ADDED WIXED FEEDER TO PROCEDURE - PER ATC REQUEST.
3. TERMINAL ROUTES: CHANGED IF/IAF TO FAF COURSE FROM 093.78 TO 093.79 - FAF RELOCATED BASED ON GPA/TCH.
4. PROFILE LINE 2: CHANGED FROM "HOLD W SUROY, RT, 093.78 INBOUND, 2000 FT. IN LIEU OF PT (IAF)" TO "HOLD W SUROY, RT, 093.79 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000" - IF SEGMENT COURSE DUE TO FAF RELOCATION, PER 8260.19J, PARA 8-6-7B(2)(B).
5. PROFILE LINE 5: ADDED "200 HAT: 0.45" - PER 8260.19J, PARA 8-6-7E(3).
6. PROFILE LINE 7: ADDED "20:1: IS CLEAR" - NO PENETRATIONS EXIST.
7. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - PER 8260.19J, PARA 8-6-8D.
8. 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.
9. 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.
10. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 145 TOWER 280550N/080407W" TO "FAS OBST: 227 AAO 280509N/0804509W" - NEW CONTROLLING OBSTACLE.
11. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 200 HATH: 0.46 NM" - NOW DOCUMENTED ON PROFILE LINE 5.
12. ADDITIONAL FLIGHT DATA: REMOVED "*LNAV ONLY" - NO LONGER REQUIRED.
13. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 0.98 MILES TO RW09R*" TO "CHART VDP AT 1.14 NM TO RW09R" - BASED ON 8260.3E FORMULA 2-6-5.
14. CHANGED LNAV/VNAV ALL CATS VISIBILITY FROM 4000 RVR TO 3500 RVR - UPDATED 8260.3E, TABLE 3-3-1.
15. CHANGED LNAV ALL CATS MDA/HAT FROM 420/388 TO 480/448 AND CATS C AND VISIBILITY FROM 3500 RVR TO 4500 RVR - NEW CONTROLLING OBSTACLE, UPDATED 8260.3E, TABLE 3-3-1.
16. CHANGED CRC REMINDER FROM "5CF35F66" TO "7EAC1867" - FPAP COORDINATES CHANGED FROM "280610.0900N/0803746.5600W" TO "280610.0890N/0803746.5790W".
- QUALITY
10
CHECKED

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

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

07/17/2024

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

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KMLB
RW09R
0
0
W09B
280604.6130N
0803940.0930W
-00184
280610.0890N
0803746.5790W
00055.0
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER

7EAC1867

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K7
+00098
+00098

