

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 27L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MELBOURNE	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 33	<u>TDZE</u> 26	<u>SUPERSEDED</u> RNAV (GPS) RWY 27L	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 05/21/2020
<u>FACILITY</u> RNAV	<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

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
INDIA		IGMIF		TF	FB	1.00	135.42	22.61	2000
WIXED		OPTOZ		TF	FB	1.00	018.49	20.71	2000
IGMIF	IAF	ZUVOM	NOPT	TF	FB	1.00	188.98	5.22	2000
OPTOZ	IAF	ZUVOM	NOPT	TF	FB	1.00	358.99	5.00	2000
ZUVOM	IF/IAF	JENOV		TF	FB	1.00	273.98	6.00	1500
JENOV	FAF	RW27L	MAP	TF	FO	0.30	273.93	4.48	
RW27L	MAP	226 MSL		CA			273.93		
226 MSL		SUROY		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT SUROY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD E ZUVOM, RT, 273.98 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 273.93 FAF: JENOV DIST FAF TO MAP: 4.48 DIST FAF TO THLD: 4.48
4. MIN ALT: ZUVOM 2000, JENOV 1500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.48 GS ANT: IM:
6. MIN GP INCPT: 1500 GP ALT AT PFAF: JENOV 1500 OM: MM:
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 52.0
8. MSA FROM: RW27L 3000



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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT INDIA ON V3 NORTHBOUND.
CHART SPEED ICON IN PLANVIEW AT IGMIF: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT OPTOZ: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 093.79 INBOUND.
FAS OBST: 220 AAO 280545N/0803403W.
CHART W-497B.
CHART VDP AT 1.33 NM TO RW27L.
WAAS CHANNEL # 56201
REFERENCE PATH ID: W27B
LTP HAE: -21.5 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	226	3/4	200	226	3/4	200	226	3/4	200	226	3/4	200			
LNAV/VNAV DA	318	7/8	292	318	7/8	292	318	7/8	292	318	7/8	292			
LNAV MDA	500	1	474	500	1	474	500	1 3/8	474	500	1 3/8	474			
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 - TRV VOR MON PROGRAM.
2. TERMINAL ROUTES: ADDED WIXED FEEDER - PER ATC REQUEST.
3. TERMINAL ROUTES: CHANGED CA ALTITUDE FROM 222 TO 226 - BASED ON LPV MINS.
4. PROFILE LINE 2: ADDED "MAX 6000" - PER 8260.19J, PARA 8-6-7B(2)(B).
5. PROFILE LINE 5: ADDED "200 HAT: 0.48" - 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 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.
9. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TRV VORTAC AIRWAY RADIALS 325 CW 350" - TRV VORTAC FEEDER REMOVED FROM PROCEDURE PER VOR MON PROGRAM.
10. ADDITIONAL FLIGHT DATA: REMOVED "*"LNAV ONLY" AND "*" FROM "CHART VDP AT 1.33 NM TO RW27L*" - NO LONGER REQUIRED.
11. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD W, RT, 093.78 INBOUND" TO "HOLD W, RT, 093.79 INBOUND" - SUROY RELOCATED AND ALIGNED TO FAC FOR THE RNAV (GPS) RWY 9R PROCEDURE.
12. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 182 BLDG-TWR (12-001489) 280553N/0803405W" TO "FAS OBST: 220 AAO 280545N/0803403W" - NEW CONTROLLING OBSTACLE.
13. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 200 HATH: 0.46 NM" - NOW DOCUMENTED ON PROFILE LINE 5.
14. CHANGED CRC REMINDER FROM "5B6EEDD9" TO "EA605A45" - LTP/FTP COORDINATES CHANGED FROM "280609.7100N/0803754.3600W" TO "280609.7135N/0803754.3795W" AND FPAP COORDINATES CHANGED FROM "280604.6130N/0803940.0750W" TO "280604.6125N/0803940.0995W".
- 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

07/24/2024

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
RW27L
0
0
W27B
280609.7135N
0803754.3795W
-00215
280604.6125N
0803940.0995W
00052.0
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER

EA605A45

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K7
+00068
+00068

