

**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SUPERSEDED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>ORIGINAL/AMENDMENT</u> 1D	<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>	<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>
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:

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



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



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	RNAV (GPS) RWY 9R	2	MELBOURNE	FL	33	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM PRESK **TO** SUZEN

RNP 1.00 DISTANCE 10.00 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 (12-004140)	281645.00N/0810124.00W	1949	50	20	2C	1000					3000
TERRAIN	281633.00N/0810503.00W	82 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM SUZEN **TO** FIFMU

RNP 1.00 DISTANCE 6.80 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 (12-000697)	281216.00N/0805409.00W	311	500	50	5D	1000				AT689	2000
TERRAIN	281254.00N/0810009.00W	68 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

FEEDER

FROM

WIXED

TO

NAJBE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	27.25										
<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 (12-003523)	274451.75N/0803440.69W	349	20	3	1A	1000				AT651	2000
TERRAIN	275927.00N/0805354.00W	49 (0)								AS1500	1500

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

FIFMU

TO

SUROY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	5.24										
<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

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

NAJBE

TO

SUROY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	5.00										
<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	280339.00N/0805403.00W	52 (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 (IF/IAF)

TO

JINBA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.00										
<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: LPV

FROM

JINBA

TO

RW09R

<div><div><u>RNP</u></div><div>0.30</div></div>	<div><div><u>DISTANCE</u></div><div>4.75</div></div>	<div><div><u>PAT</u></div></div>	<div><div><u>MAP</u></div><div>DA</div></div>	<div><div><u>HAT</u></div><div>200</div></div>	<div><div><u>HMAS</u></div></div>						
<div><div><u>OBSTRUCTION</u></div></div>	<div><div><u>COORDINATES</u></div></div>	<div><div><u>ELEV MSL</u></div></div>	<div><div><u>HORZ</u></div></div>	<div><div><u>VERT</u></div></div>	<div><div><u>AC</u></div></div>	<div><div><u>ROC</u></div></div>	<div><div><u>OCS</u></div></div>	<div><div><u>CG</u></div></div>	<div><div><u>CGTA</u></div></div>	<div><div><u>ADJUSTMENTS</u></div></div>	<div><div><u>MIN ALT</u></div></div>
							ASC				232

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

JINBA

TO

RW09R

<u>RNP</u> 0.30	<u>DISTANCE</u> 4.75	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 395	<u>HMAS</u>						
<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>
TREE	280533.00N/0804042.00W	127	215	8	4B		21.71:1				427

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

JINBA

TO

RW09R

<div><div>RNP</div><div>0.30</div></div>	<div><div>DISTANCE</div><div>4.75</div></div>	<div><div>PAT</div></div>	<div><div>MAP</div><div>RW09R</div></div>	<div><div>HAT</div><div>448</div></div>	<div><div>HMAS</div></div>	<div><div>STATUS</div><div>CHECKED</div></div>					
<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>
AAO	280509.00N/0804509.00W	227	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:



HOLD-IN-LIEU OF PT

FROM

SUROY

TO

P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-4	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<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 (12-003530)	280718.85N/0810034.52W	369	20	3	1A	1000				AT631	2000
TERRAIN	280330.00N/0810018.00W	75 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM

DA

TO

ZUVOM

<u>RNP</u> 0.30	<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
SHIP	280654.00N/0802627.00W	300	50	20	2C	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: LNAV/VNAV

FROM

DA

TO

ZUVOM

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 266				
<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
SHIP	280654.00N/0802627.00W	300	50	20	2C	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: LNAV

FROM

RW09R

TO

ZUVOM

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 380				
<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
SHIP	280654.00N/0802627.00W	300	50	20	2C	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:



AIRPORT ID

MLB

PROCEDURE NAME

RNAV (GPS) RWY 9R

AMDT NO.

2

CITY

MELBOURNE

STATE

FL

AIRPORT ELEVATION

33

FACILITY

RNAV

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	RADIUS
RW09R	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	306	22.0	1949	50	20	2C	1000			3000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZJX ARTCC, ORL APP CON, MLB TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	MLB	24	MLB	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:

NO BACKUP ALTIMETER DESIGNATED, REDUNDANT ALTIMETER AVAILABLE.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
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), HIRL (PCL), C/LINE, TDZ, PAPI-4L (PCL)		PIR-G	APPROACH
RW27L - C/LINE, REIL (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-G	ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	32.0	55.0			3.00	82.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
+2C	+54C	+2C	+14.93C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

"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.

100FT VEGETATION USED PER FPT.

TAA NOT DEVELOPED PER FPT AND AIR TRAFFIC.

SHIP HEIGHTS PER FPT: WITHIN CHANNEL 50 FT
OUTSIDE CHANNEL - SHALLOW WATER 90 FT, DEEP WATER IN VICINITY OF MAP CL OUTWARD 300 FT.
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	2.87
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	086.84
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.55
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	086.84
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	280548.94N/0804501.95W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
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