

**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> TMB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27R	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> MIAMI	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 10	<u>TDZE</u> 8	<u>SUPERSEDED</u> RNAV (GPS) RWY 27R	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 12/02/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 6W
				<u>EPOCH YEAR</u> 2010
				<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>
SUFSD	IAF	DECOO		TF	FB	1.00	194.10	6.43	4000
DECOO		HOTMA		TF	FB	1.00	231.70	4.11	2000
LUVLY	IAF	HOTMA		TF	FB	1.00	276.19	3.42	2000
HOTMA	IF	FITOL		TF	FB	1.00	273.42	6.00	2000
FITOL	FAF	ELJOM/1.45 NM TO RW27R		TF	FB	0.30	273.37	4.65	
ELJOM/1.45 NM TO RW27R		RW27R	MAP	TF	FO	0.30	273.37	1.45	
RW27R	MAP	208 MSL		CA			273.37		
208 MSL		JULED		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT JULED AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT HOTMA				
3. FAC:	273.37	FAF: FITOL	DIST FAF TO MAP:	6.10	DIST FAF TO THLD: 6.10
4. MIN ALT:	HOTMA 2000, FITOL 2000, ELJOM/1.45 NM TO RW27R 520				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT:	0.47
6. MIN GP INCPT:	2000	GP ALT AT PFAF:	FITOL 2000	OM:	GS ANT:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR
8. MSA FROM:	RW27R 2900	TCH:	50.0	MM:	IM:

QUALITY
39
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV NA WHEN USING MIA ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LUVLY ON BR49V SOUTHWEST BOUND.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 13 NA AT NIGHT.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIA ALTIMETER SETTING AND INCREASE LPV DA TO 233 FEET; INCREASE LNAV/VNAV DA TO 317 FEET; INCREASE ALL MDAS 40 FEET AND LNAV CATS C/D VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 093.23 INBOUND.
CHART FAS OBST: 158 TOWER (12-004721) 253859N/0802353W.
CHART A-291D.
WAAS CHANNEL # 93615
REFERENCE PATH ID: W27B
CHART MANDATORY 4000 AT SUFSD.
LTP HAE: -22.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	208	3/4	200	208	3/4	200	208	3/4	200	208	3/4	200			
LNAV/VNAV DA	292	7/8	284	292	7/8	284	292	7/8	284	292	7/8	284			
LNAV MDA	420	1	412	420	1	412	420	1 1/4	412	420	1 1/4	412			
CIRCLING	460	1	450	560	1	550	640	1 3/4	630	640	2	630			



CHANGES - REASONS

1. TERMINAL ROUTES: ADDED INITIAL SEGMENTS FROM DECOO AND SUFSD. – PER ATC REQUEST.
2. TERMINAL ROUTES: UPDATED INTERMEDIATE HOTMA – FITOL DISTANCE FROM 6.10 TO 6.00. – PFAF FITOL MOVED TO ACCOMMODATE GPA/TCH 3.00/50.0.
3. TERMINAL ROUTES: UPDATED FINAL FITOL – ELJOM DISTANCE FROM 4.60 TO 4.65; ELJOM – RW27R DISTANCE FROM 1.40 TO 1.45. - PFAF FITOL MOVED TO ACCOMMODATE GPA/TCH 3.00/50.0.
4. TERMINAL ROUTES: ADDED MISSED APPROACH CA AND DF LEGS. – UPDATED FORMS.
5. LINE 3: UPDATED DIST FAF TO MAP/THLD FROM 6.00 TO 6.10. - PFAF FITOL MOVED TO ACCOMMODATE GPA/TCH 3.00/50.0.
6. LINE 4: REMOVED “*” AND “*LNAV ONLY” IN NOTES. –NO LONGER REQUIRED.
7. LINE 5: ADDED DIST TO THLD FROM 200 HAT: 0.47; REMOVED "DISTANCE TO THLD FROM 250 HAT: 0.63 NM" FROM ADDITIONAL FLIGHT DATA. – IAW 8260.19K 8-6-7 E; UPDATED EVALUATION; FORMS UPDATED.
8. LINE 6: UPDATED MIN GS ALT AT: FROM "FITOL" TO "FITOL 2000." - IAW 8260.19K 8-6-7 F.
9. LINE 7: ADDED 20:1 IS CLEAR. – NO 20:1 PENETRATIONS FOUND.
10. PBN REQUIREMENTS NOTES: ADDED RNP APCH – GPS. - IAW 8260.19K 8-6-8.
11. NOTES: UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA FROM “-15C (5F) OR ABOVE 49C (120F)” TO “BELOW -15°C OR ABOVE 54°C.” - NEW EVALUATION COMPLETED WITH DOCUMENTED STANDARD -30C ISA.
12. NOTES: REMOVED CHART NOTE: DME/DME RNP-0.3 NA. – NO LONGER REQUIRED.
13. NOTES: UPDATED BARO-VNAV NOTE FROM LOCATION (MIAMI INTL) TO LOCATION ID/CAO (MIA). - IAW 8260.19K 8-6-10F(4).
14. NOTES: ADDED CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. - PER ATC REQUEST; IAW 8260.19K 8-6-10 O.
15. NOTES: ADDED CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS; USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS. - IAW 8260.19K 8-6-12 O8(C/D).
16. NOTES: UPDATED FROM “CIRCLNG TO RWY 13 NA AT NIGHT” TO “CIRCLING RWY 13 NA AT NIGHT.” - IAW 8260.19K 8-6-12 O2(G).
17. NOTES: ADDED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - IAW 8260.19K 8-6-10 M(1).
18. NOTES: UPDATED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, FROM “USE MIAMI INTL ALTIMETER SETTING AND ADJUST ALL DA 27 FEET AND ALL MDA 40 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV CAT D VISIBILITY 1/4 MILE, AND CIRCLING CAT D VISIBILITY 1/4 MILE” TO “USE MIA ALTIMETER SETTING AND INCREASE LPV DA TO 233 FEET; INCREASE LNAV/VNAV DA TO 317 FEET; INCREASE ALL MDAS 40 FEET AND LNAV CATS C/D VISIBILITY 1/4 SM..” - NEW EVALUATION COMPLETED; IAW 8260.19J 8-6-10F(4).
19. ADDITIONAL FLIGHT DATA: REMOVED CHART FAS OBST: 84 TREE 253844N/0802454W AND CHART 222 TOWER 253916N/0802258W. – ONLY NON-PRECISION CONTROLLER IS CHARTED.
20. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY 4000 AT SUFSD. – ATC REQUEST.
21. MINIMUMS: DECREASED LPV DA/HAT FROM 258/250 208/200. – SURFACE IS CLEAR.
22. MINIMUMS: DECREASED LNAV/VNAV DA/HAT FROM 352/344 TO 292/284; VISIBILITY FROM 1 1/4 TO 7/8. – NEW CONTROLLING OBSTACLE; IAW 8260.3G TABLE 3-3-1.
23. FAS DATA: UPDATED FPAP LATITUDE AND LONGITUDE FROM “253907.6200N/0802708.1900W” TO “253907.6200N/0802708.1885W.” - NEW AIRNAV DATA INCORPORATED.
24. FAS DATA: UPDATED VERTICAL ALERT LIMIT (VAL) FROM 50.0 TO 35.0. - IAW 8260.19K APPENDIX K 4(W).
25. FAS DATA: UPDATED CRC REMAINDER FROM ABDF7C5F TO 6B5CF86A. - FPAP LAT/LONG, VAL UPDATED.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZMA, MIA APP CON, AMGR, ATCT, FL AERO

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

OFFICE

DATE

AJV-A432

03/19/2026

APPROVED BY

CASIMIR L. TABAKA

OFFICE

DATE

TITLE

AJV-A430

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTMB
RUNWAY	RW27R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27B
LTP/FTP LATITUDE	253911.8050N
LTP/FTP LONGITUDE	0802529.6935W
LTP/FTP ELLIPSOIDAL HEIGHT	-00225
FPAP LATITUDE	253907.6200N
FPAP LONGITUDE	0802708.1885W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	6B5CF86A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00024
FPAP ORTHOMETRIC HEIGHT	+00024



**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>
TMB	RNAV (GPS) RWY 27R	1	MIAMI	FL	10	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM SUFSD **TO** DECOO

RNP 1.00 **DISTANCE** 6.43 **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>
BUILDING (12-003499)	254922.00N/0800718.00W	565	500	50	5D	1000				AT2435	4000
TERRAIN	254518.00N/0800903.00W	42 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM DECOO **TO** HOTMA

RNP 1.00 **DISTANCE** 4.11 **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 (12-002777)	254018.00N/0800925.90W	326	50	20	2C	1000				AT674	2000
TERRAIN	254115.00N/0800933.00W	29 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
39
CHECKED

INITIAL

FROM

DECOO

TO

HOTMA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
1.00	4.11										
<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 (12-002777)	254018.00N/0800925.90W	326	50	20	2C	1000				AT674	2000
TERRAIN	254115.00N/0800933.00W	29 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

LUVLY

TO

HOTMA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
1.00	3.42										
<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 (12-002777)	254018.00N/0800925.90W	326	50	20	2C	1000				AT674	2000
TERRAIN	254115.00N/0800933.00W	29 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

HOTMA

TO

FITOL

RNP

1.00

DISTANCE

6.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	253924.00N/0801703.00W	220	215	8	4B	500				AT1280	2000
TERRAIN	253818.00N/0801751.00W	19 (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

FITOL

TO

RW27R

RNP

0.30

DISTANCE

6.10

PAT

MAP

DA

HAT

200

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				208

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

FITOL

TO

RW27R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	6.10		DA				284				
<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 (12-003038)	253854.51N/0802537.71W	131	20	3	1A	161					292

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

FITOL

TO

ELJOM/1.45 NM TO RW27R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.65										
<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 (12-002765)	253916.10N/0802258.00W	222	50	3	2A	250				RA40 XL5	520

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

ELJOM/1.45 NM TO RW27R

TO

RW27R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	1.45		RW27R				412				
<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 (12-004721)	253858.84N/0802353.44W	158	20	3	1A	250					420

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

JULED

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30								43			
<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
TOWER (12-127356)	253740.83N/0803114.12W	234	50	50	2D	1000					1300
TERRAIN	253651.00N/0803524.00W	9 (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

JULED

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30								131			
<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
TOWER (12-127356)	253740.83N/0803114.12W	234	50	50	2D	1000					1300
TERRAIN	253651.00N/0803524.00W	9 (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: LNAV

FROM

RW27R

TO

JULED

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 320				
<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
TOWER (12-127356)	253740.83N/0803114.12W	234	50	50	2D	1000					1300
TERRAIN	253651.00N/0803524.00W	9 (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											
TOWER (12-005022)	253814.36N/0802546.43W	1.30	450	158	20	3	1A	300			460
CATEGORY B											
BUILDING (12-026607)	254040.97N/0802716.32W	1.81	550	258	50	20	2C	300			560
CATEGORY C											
TOWER (12-003199)	253734.35N/0802300.26W	2.84	630	321	20	10	1B	300			640
CATEGORY D											
TOWER (12-003199)	253734.35N/0802300.26W	3.70	630	321	20	10	1B	300			640

CIRCLING REMARKS:

MSA

CENTER

RW27R

RADIUS

25



SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (12-003077)	253223.94N/0802806.43W	205	7.2	1849	250	50	4D	1000			2900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MIA APP CON, TMB TOWER

<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	TMB	24	TMB		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>
ASOS	MIA	24	MIA	11.78	Y	25

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KTMB 10, KMIA 9
RA = 24.3.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW13 - REIL, MIRL (PCL), PAPI-4L		BSC-G	
RW31 - MIRL (PCL)		BSC-G	
RW09L - MIRL, PAPI-4L		NPI-F	
RW27R - MIRL, PAPI-2L		NPI-F	
RW09R - MALSR (PCL), HIRL (PCL), PAPI-4R		PIR-F	
RW27L - HIRL (PCL), PAPI-4L		PIR-F	

<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>
3.00	7.8	50.0			3.00	40.1

FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-15C	+54C	-15C	+14.98C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1259.



"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 13
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<u>AIRPORT ID</u> TMB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27R	<u>AMDT NO.</u> 1	<u>CITY</u> MIAMI	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 10	<u>FACILITY</u> RNAV
20:1						
10 TERRAIN (12-029030) 253903.3500N/0802628.6400W (1.55)						
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - VPD WITHIN 0.5NM FROM FINAL FIX.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
60' TREES USED PER FPT.
TAA, HOLD-IN-LIEU AND FEEDERS NOT DEVELOPED PER ATC.
BUILT WITH HISTORICAL TCH 50.0 PER FPT RECOMMENDATION. VGSI ADDED TO RWY 27R; DATA WILL CHART 12/24/26.
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	2.96
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	267.37
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	5.10
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	267.37
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)	253911.81N/0802529.69W
ARP COORDINATES	253851.23N/0802559.61W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 27L DISTANCE 0.61 NM
FAF COORDINATES	253928.81N/0801845.16W
FIX NAME COORDINATES	

REMARKS



<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>
TMB	RNAV (GPS) RWY 27R	1	MIAMI	FL	10	RNAV

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASIMIR L. TABAKA (BARBARA GORMAN)	AJV-A432	03/19/2026	AERONAUTICAL INFORMATION SPECIALIST

