

**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 27L	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> MIAMI	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 10	<u>TDZE</u> 8	<u>SUPERSEDED</u> RNAV (GPS) RWY 27L	<u>ORIGINAL/AMENDMENT</u> 2E	<u>DATED</u> 12/02/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2010
<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>
SUFSD	IAF	DECOO		TF	FB	1.00	194.10	6.43	4000
DECOO		CACSA		TF	FB	1.00	225.44	4.46	2000
LUVLY	IAF	CACSA		TF	FB	1.00	266.36	3.36	2000
CACSA	IF	ZAGUN		TF	FB	1.00	273.42	6.01	2000
ZAGUN	FAF	JINGI/1.63 NM TO RW27L		TF	FB	0.30	273.37	4.46	
JINGI/1.63 NM TO RW27L		RW27L	MAP	TF	FO	0.30	273.37	1.63	
RW27L	MAP	208 MSL		CA			273.37		
208 MSL		HAXAM		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT HAXAM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT CACSA
- FAC: 273.37 FAF: ZAGUN DIST FAF TO MAP: 6.09 DIST FAF TO THLD: 6.09
- MIN ALT: CACSA 2000, ZAGUN 2000, JINGI/1.63 NM TO RW27L 580
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.46 GS ANT: IM:
- MIN GP INCPT: 2000 GP ALT AT PFAF: ZAGUN 2000 OM: MM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 52.5
- MSA FROM: RW27L 2900

QUALITY
39
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 27L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 13 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MIA ALTIMETER SETTING.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LUVLY ON BR49V SOUTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIA ALTIMETER SETTING AND INCREASE LPV DA TO 233 FEET; INCREASE LNAV/VNAV DA TO 366 FEET; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C/D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 093.23 INBOUND.
CHART FAS OBST: 158 TOWER (12-004721) 253859N/0802353W.
CHART A-291D.
CHART VDP AT 1.13 NM TO RW27L.
WAAS CHANNEL # 56400
REFERENCE PATH ID: W27A
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	341	1	333	341	1	333	341	1	333	341	1	333			
LNAV MDA	420	1	412	420	1	412	420	1 1/8	412	420	1 1/8	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 CACSA – ZAGUN DISTANCE FROM 6.00 TO 6.01. – PFAF ZAGUN MOVED TO ACCOMMODATE GPA/TCH 3.00/52.5.
3. TERMINAL ROUTES: UPDATED FINAL ZAGUN – JINGI DISTANCE FROM 4.40 TO 4.46; JINGI – RW27 COURSE/DISTANCE FROM 273.33/1.70 TO 273.37/1.63. - PFAF ZAGUN MOVED TO ACCOMMODATE GPA/TCH 3.00/52.5.
4. TERMINAL ROUTES: UPDATED CA LEG COURSE FROM 273.33 TO 273.37. – UPDATED EVALUATION COMPLETED.
5. LINE 3: UPDATED DIST FAF TO MAP/THLD FROM 6.10 TO 6.09. - PFAF ZAGUN MOVED TO ACCOMMODATE GPA/TCH 3.00/52.5.
6. LINE 4: REMOVED “*” FROM SDF FIX. –NO LONGER REQUIRED.
7. LINE 5: UPDATED DIST TO THLD FROM 200 HAT FROM 0.47 TO 0.46. – UPDATED EVALUATION COMPLETED.
8. LINE 7: UPDATED TCH FROM 50.0 TO 52.5. – UPDATED TO MATCH VGSI.
9. PBN REQUIREMENTS NOTES: UPDATED FROM RNP APCH TO RNP APCH – GPS. - IAW 8260.19K 8-6-8.
10. NOTES: UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA FROM “BELOW -15°C OR ABOVE 43°C” TO “BELOW -15°C OR ABOVE 54°C.” - NEW EVALUATION COMPLETED WITH DOCUMENTED STANDARD -30C ISA.
11. NOTES: UPDATED VDP AND BARO-VNAV NOTE FROM LOCATION (MIAMI INTL) TO LOCATION ID/ICAO (MIA). - IAW 8260.19K 8-6-10F(4).
12. NOTES: ADDED CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. - PER ATC REQUEST; IAW 8260.19K 8-6-10 O.
13. 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).
14. NOTES: UPDATED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, FROM “USE MIAMI INTL ALTIMETER SETTING AND INCREASE LPV DA TO 235 FEET LNAV/VNAV DA TO 368 FEET AND ALL MDA 40 FEET, INCREASE LNAV CATS C/D VISIBILITY 1/4 SM” TO “USE MIA ALTIMETER SETTING AND INCREASE LPV DA TO 233 FEET. INCREASE LNAV/VNAV DA TO 366 FEET. INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C/D 1/4 SM.” - NEW EVALUATION COMPLETED; IAW 8260.19J 8-6-10F(4).
15. ADDITIONAL FLIGHT DATA: UPDATED FROM CHART VDP AT 1.13 NM TO RW27L* TO CHART VDP AT 1.13 NM TO RW27L; REMOVED *LNAV ONLY. – NOTES UPDATED IAW 8260.19K 8-6-10M.
16. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY 4000 AT SUFSD. - ATC REQUESTED.
17. MINIMUMS: DECREASED LNAV/VNAV CATS C AND D VISIBILITY FROM 1 1/8 TO 1. – IAW 8260.3G TABLE 3-3-1.
18. FAS DATA: UPDATED FPAP LATITUDE AND LONGITUDE FROM “253833.0400N/0802700.9500W” TO “253833.0370N/0802700.9505W.” - NEW AIRNAV DATA INCORPORATED.
19. FAS DATA: UPDATED THRESHOLD CROSSING HEIGHT (TCH) FROM 50.0 TO 52.5. - TO MATCH VGSI.
20. FAS DATA: UPDATED CRC REMAINDER FROM 161E8AE9 TO 60652D82. - FPAP LAT/LONG AND TCH 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

03/17/2026

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	RW27L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	253837.2255N
LTP/FTP LONGITUDE	0802522.4640W
LTP/FTP ELLIPSOIDAL HEIGHT	-00225
FPAP LATITUDE	253833.0370N
FPAP LONGITUDE	0802700.9505W
THRESHOLD CROSSING HEIGHT (TCH)	00052.5
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)	35.0
CRC REMAINDER	60652D82

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 27L	3	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** CACSA

RNP 1.00 **DISTANCE** 4.46 **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

CACSA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
1.00	4.46										
<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

CACSA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
1.00	3.36										
<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

CACSA

TO

ZAGUN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.01										
<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	253906.00N/0801712.00W	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

ZAGUN

TO

RW27L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	6.09		DA		200						
<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				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

ZAGUN

TO

RW27L

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
0.30	6.09		DA	333							
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-003038)	253854.51N/0802537.71W	131	20	3	1A	161					341

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

ZAGUN

TO

JINGI/1.63 NM TO RW27L

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
0.30	4.46										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-002765)	253916.10N/0802258.00W	222	20	10	1B	250				RA40 XL5 DG63	580

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

JINGI/1.63 NM TO RW27L

TO

RW27L

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
0.30	1.63		RW27L	412							
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
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:

QUALITY
39
CHECKED

MISSED APPROACH: LPV

FROM

DA

TO

HAXAM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30										41	
<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	253803.00N/0802436.00W	13 (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

HAXAM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30										180	
<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	253803.00N/0802436.00W	13 (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

RW27L

TO

HAXAM

<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	253803.00N/0802436.00W	13 (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

RW27L

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	208	6.7	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	7.9	52.5			3.00	52.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	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 27L	<u>AMDT NO.</u> 3	<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)						
FINAL TYPE	LPV, LNAV/VNAV, AND LNAV					
34:1						
84 TREE (12-028804) 253843.7400N/0802454.1800W (5.04)						
<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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

60' TREES USED PER FPT.

TAA, HOLD-IN-LIEU AND FEEDERS NOT DEVELOPED PER ATC.
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	2.95
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	5.09
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)	253837.23N/0802522.46W
ARP COORDINATES	253851.23N/0802559.61W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 27L DISTANCE 0.61 NM
FAF COORDINATES	253854.21N/0801838.50W
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 27L	3	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	03/17/2026	AERONAUTICAL INFORMATION SPECIALIST

