FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
8	8	ILS OR LOC RWY 9L	5D	01/27/2022	6W	2010

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
I-OPF			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SIZED INT/RADAR	IAF	OKANE INT/RADAR					092.93 (I-OPF)	5.75	1600
OKANE INT/RADAR	IF	SAZBO INT/RADAR					092.93 (I-OPF)	5.58	1600

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.84 NM AFTER SAZBO INT/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 ON HEADING 093 AND DHP VORTAC R-069 TO JANUS INT/DHP 42.51 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2000 ON HEADING 093 FOR RADAR VECTORS (RADAR REQUIRED).

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT OKANE INT/RADAR
3. **FAC:** 092.93 **FAF:** SAZBO INT/RADAR **DIST FAF TO MAP:** 4.84 **DIST FAF TO THLD:** 4.84
4. **MIN ALT:** OKANE INT/RADAR 1600, SAZBO INT/RADAR 1600, ZOLTA INT 480
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1050
6. **MIN GS INCPT:** 1600 **GS ALT AT PFAF:** SAZBO INT/RADAR 1600 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 51.3
8. **MSA FROM:** DHP VORTAC 090-270 2900, 270-090 2100

QUALITY 35 CHECKED

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS-9L ALL CATS.
CHART NOTE: RWY 9L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC-9L CATS A AND B VISIBILITY TO 1 SM AND CATS C AND D VISIBILITY TO 1 3/8 SM.

CHART NOTE: ZOLTA FIX MINIMUMS, FOR INOPERATIVE ALS, INCREASE S-LOC-9L ALL CATS VISIBILITY TO 1 SM.

CHART NOTE: CAUTION: LIGHTS ON HIGHWAY 0.7 NM NORTH MAY BE MISTAKEN FOR RUNWAY.

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 400 FEET.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 069.39 INBOUND.
CHART FAS OBST: 127 TREE (12-039562) 255453N/0801912W.
CHART 289 TOWER (12-002776) 255401N/0802259W.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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
S-ILS 09L	258	3/4	250	258	3/4	250	258	3/4	250	258	3/4	250			
S-LOC 09L	480	3/4	472	480	3/4	472	480	1	472	480	1	472			
CIRCLING	480	1	472	520	1	512	620	1 3/4	612	740	2 1/4	732			
ZOLTA FIX MINIMUMS															
S-LOC 09L	380	3/4	372	380	3/4	372	380	3/4	372	380	3/4	372			
CIRCLING	480	1	472	520	1	512	620	1 3/4	612	740	2 1/4	732			

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL

CHANGES - REASONS

1. TERMINAL ROUTES: ADDED "SIZED INT/14.16 DME/RADAR TO OKANE INT/RADAR" SEGMENT - ATC REQUEST.
2. TERMINAL ROUTES: UPDATED COURSE FOR OKANE INT/RADAR TO SAZBO INT/RADAR FROM "092.94" TO "092.93" - I-OPF DATA UPDATED.
3. MISSED APPROACH: REMOVED ", OR AS DIRECTED BY ATC." - IAW 8260.19J 8-6-6
4. PROFILE LINE 3: UPDATED FAC FROM "092.94" TO "092.93" - AIRNAV DATA UPDATED.
5. PROFILE LINE 4: REMOVED "*500 WHEN USING MIAMI INTL ALTIMETER SETTING" - MOVED FROM -3 TO -9 GENERAL REMARKS.
6. EQUIPMENT REQUIREMENT NOTES: ADDED "RADAR REQUIRED" - IAW 8260.19J 8-6-8
7. NOTES: CHANGED INOPERATIVE TABLE NOTE FROM "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY." TO "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS-9L ALL ." - IAW 8260.19J 8-6-12
8. NOTES: UPDATED HELICOPTER VISIBILITY NOTE FROM "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." TO "CHART NOTE: RWY 9L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - IAW 8260.19J 8-6-10
9. NOTES: MOVED SECONDARY ALTIMETER NOTES FROM -3 TO -9 - REDUCES CHART/PLATE CLUTTER.
10. NOTES: UPDATED INOPERATIVE ALS NOTE FROM "CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 9L CATS A AND B VISIBILITY TO 1 MILE AND CATS C AND D VISIBILITY TO 1 3/8 MILES." TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC-9L CATS A AND B VISIBILITY TO 1 SM AND CATS C AND D VISIBILITY TO 1 3/8 SM." - IAW 8260.19J 8-6-12
11. NOTES: REPLACED "MALSR" WITH "ALS" IN ZOLTA FIX MINIMUM NOTES - IAW 8260.19J 8-6-12
12. NOTES: ADDED "*500 WHEN USING MIA ALTIMETER SETTING" - IAW 8260.19J 8-6-7
13. NOTES: ADDED "CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 400 FEET." - INCORPORATES NOTAM 4/7110.
14. NOTES: REMOVED "CHART PLANVIEW NOTE: RADAR REQUIRED" - NOTE PLACED IN PROPER SPOT (EQUIPMENT REQUIREMENT NOTES)
15. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE INFO FROM "CHART FAS OBST: 127 TREE 255453NI0801912W" TO "CHART FAS OBST: 127 TREE (12-039562) 255453N/0801912W." - IAW 8260.19J 8-6-11
16. ADDITIONAL FLIGHT DATA: REPLACED "CHART 274 TOWER 255401W/0802259W" WITH "CHART 289 TOWER (12-002776) 255401N/0802259W." - SAME OBSTACLE, MSL UPDATED.
17. MINIMUMS: LOWERED CAT A CIRCLING MINS FROM "540 HAA" TO "480 HAA"; LOWERED CAT B CIRCLING MINS FROM "540 HAA" TO "520 HAA" - MATCHES CIRCLING MINIMA WITH THE RNAV (GPS) RWY 30 PROCEDURE THAT HAS BEEN FLIGHT CHECKED.

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [X] **HAI** [ ] **NBAA** [X] **OTHER:** ZMA, MIA ATCT, OPF ATCT, AMGR, MIA DEP CON

FLIGHT CHECKED BY		OFFICE	DATE
ROBERT E WILLIAMS	*Digitally signed by* ***ROBERT G HAMILTON*** Apr 14, 2025	AJF	04/10/2025

DEVELOPED BY		OFFICE	DATE
DEVON KERCHER	*Digitally signed by* ***ROBERT G HAMILTON*** Apr 14, 2025	AJV-A431	12/13/2024

APPROVED BY		OFFICE	DATE	TITLE
ROBERT G HAMILTON	*Digitally signed by* ***ROBERT G HAMILTON*** Apr 14, 2025	AJV-A433		MANAGER

QUALITY 35 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL	8	I-OPF

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
SIZED INT/RADAR

TO
OKANE INT/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	5.75				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-002435)	255128.00N/0802851.00W	372	500	50	5D	1000				AT228	1600
TERRAIN	255224.00N/0802912.00W	19 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
OKANE INT/RADAR

TO
SAZBO INT/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	5.58				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-002435)	255128.00N/0802851.00W	372	500	50	5D	500				AT728	1600
TERRAIN	255339.00N/0802318.00W	36 (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	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL	8	I-OPF

FINAL: ILS

FROM	TO
SAZBO INT/RADAR	RW09L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.84		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				258

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LOC

FROM	TO
SAZBO INT/RADAR	4.84 NM AFTER SAZBO INT/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	4.84		4.84 NM AFTER SAZBO INT/RADAR	472	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	255409.00N/0802057.00W	230	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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL	8	I-OPF

FINAL: LOC STEPDOWN

FROM	TO
ZOLTA INT	4.84 NM AFTER SAZBO INT/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	1.39		4.84 NM AFTER SAZBO INT/RADAR	372	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (12-039562)	255452.80N/0801911.74W	127	20	3	1A	250					380

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LOC

FROM	TO
SAZBO INT/RADAR	ZOLTA INT

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.45				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	255409.00N/0802057.00W	230	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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL	8	I-OPF

MISSED APPROACH: ILS

FROM	TO
DA	JANUS INT/DHP 42.51 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					70

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
BUILDING (12-027265)	255624.31N/0800714.16W	649	500	50	5D	1000					1700
TERRAIN	255748.00N/0800851.00W	42 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LOC

FROM	TO
4.84 NM AFTER SAZBO INT/RADAR	JANUS INT/DHP 42.51 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					230

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
BUILDING (12-027265)	255624.31N/0800714.16W	649	500	50	5D	1000					1700
TERRAIN	255748.00N/0800851.00W	42 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL	8	I-OPF

MISSED APPROACH: LOC

FROM	TO
4.84 NM AFTER SAZBO INT/RADAR	JANUS INT/DHP 42.51 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					130

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
BUILDING (12-027265)	255624.31N/0800714.16W	649	500	50	5D	1000					1700
TERRAIN	255748.00N/0800851.00W	42 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: ILS

FROM	TO
DA	2000 MSL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					70

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
BUILDING (12-209216)	255543.64N/0800909.26W	365	250	50	4D	1000					1400
TERRAIN	255748.00N/0800851.00W	42 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL	8	I-OPF

MISSED APPROACH ALTERNATE: LOC

FROM	TO
4.84 NM AFTER SAZBO INT/RADAR	2000 MSL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					130

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
BUILDING (12-209216)	255543.64N/0800909.26W	365	250	50	4D	1000					1400
TERRAIN	255748.00N/0800851.00W	42 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: LOC

FROM	TO
	2000 MSL

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
BUILDING (12-209216)	255543.64N/0800909.26W	365	250	50	4D	1000					1400
TERRAIN	255748.00N/0800851.00W	42 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL	8	I-OPF

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 (12-020187)	255330.55N/0801459.08W	1.30	472/472	162	20	3	1A	300			480/480
CATEGORY B											
TOWER (12-025849)	255220.39N/0801555.56W	1.81	512/512	213	20	10	1B	300			520/520
CATEGORY C											
ANTENNA (12-117777)	255737.33N/0801614.34W	2.83	612/612	314	20	10	1B	300			620/620
CATEGORY D											
BUILDING (12-003042)	255732.11N/0801421.50W	3.70	732/732	376	500	50	5D	300		AC50	740/740

CIRCLING REMARKS:

MSA

CENTER	RADIUS
DHP VORTAC	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
090-270	TOWER (12-003077)	253223.94N/0802806.43W	207	16.8	1849	250	50	4D	1000			2900
270-090	ANTENNA (12-117031)	255730.91N/0801243.24W	042	12.0	1050	20	10	1B	1000			2100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL	8	I-OPF

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MIA APP CON, OPF TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	OPF	24	OPF	0	Y	0
BACK-UP WX SERVICE	**LOCATION**	**HRS OPERATION**	**ALTIMETER SOURCE**	**DISTANCE**	**WMSCR**	**ADJUSTMENTS**
ASOS	MIA	24	MIA	6.76	Y	18

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
OPF 8, MIA 9
RA = 17.3

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-OPF	OPF ATCT	WHEN CONTROL TOWER OPEN	1
		WHEN CONTROL TOWER CLOSED	3

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09R - MIRL, VASI-4L	BSC-F	
RW27L - MIRL, PAPI-4L	BSC-F	
RW30 - HIRL (PCL), PAPI-4L (PCL)	NPI-G	
RW09L - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-F	
RW27R - MALS (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-F	
RW12 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	6.8	51.3	3.1	1050	3.00	55.2

FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LOC
34:1	
122 TREE (12-039689) 255436.4500N/0801801.2100W (7.04)	

QUALITY 35 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OPF	ILS OR LOC RWY 9L	6	MIAMI	FL	8	I-OPF

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

50 FT VEGETATION USED PER FPT.

CONTINGENCY NOTES:

CHART NOTE: ZOLTA FIX MINIMUMS, FOR INOPERATIVE ALS WHEN USING MIA ALTIMETER SETTING, INCREASE S-LOC 9L CATS A AND B VISIBILITY TO 1 SM AND CATS C AND D VISIBILITY TO 1 1/8 SM.

CHART NOTE: FOR INOPERATIVE ALS: WHEN USING MIA ALTIMETER SETTING, INCREASE S-ILS 9L ALL CATS VISIBILITY TO 7/8 SM; AND S-LOC 9L CATS A AND B VISIBILITY TO 1 SM AND CATS C AND D VISIBILITY TO 1 3/8 SM.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIA ALTIMETER SETTING: INCREASE S-ILS 09L DA TO 276 FEET; INCREASE ALL MDAS 20 FEET AND CIRCLING VISIBILITY CAT D 1/4 SM.

500 WHEN USING MIA ALTIMETER SETTING.

PER FLIGHT INSPECTION: NOT ABLE TO HOLD AT JANUS AT 2000 ON VKX R-058 DUE TO RESTRICTION VOR UNUSABLE
020-064 BEYOND 20 NM BELOW 4500.
DUE TO AIRSPACE CONGESTION AND LONG-TERM UNRELIABLE FLL VOR/DME, ATC REQUESTED RADAR VECTORS FOR ALTERNATE MISSED APPROACH.

ORDER 8260.3 CHAPTER 2 APPLIED TO 289 TOWER (12-002776) 255401.30N/0802258.50W.

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**	0.86
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	086.93
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	0
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.64
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.22
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	086.93
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	0

THRESHOLD COORDINATES (IF STR-IN)	255445.53N/0801719.22W
ARP COORDINATES	255426.70N/0801641.60W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 27R DISTANCE 0.84 NM
FAF COORDINATES	255429.88N/0802240.95W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
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