

MROC

San Jose Juan Santamaria Intl

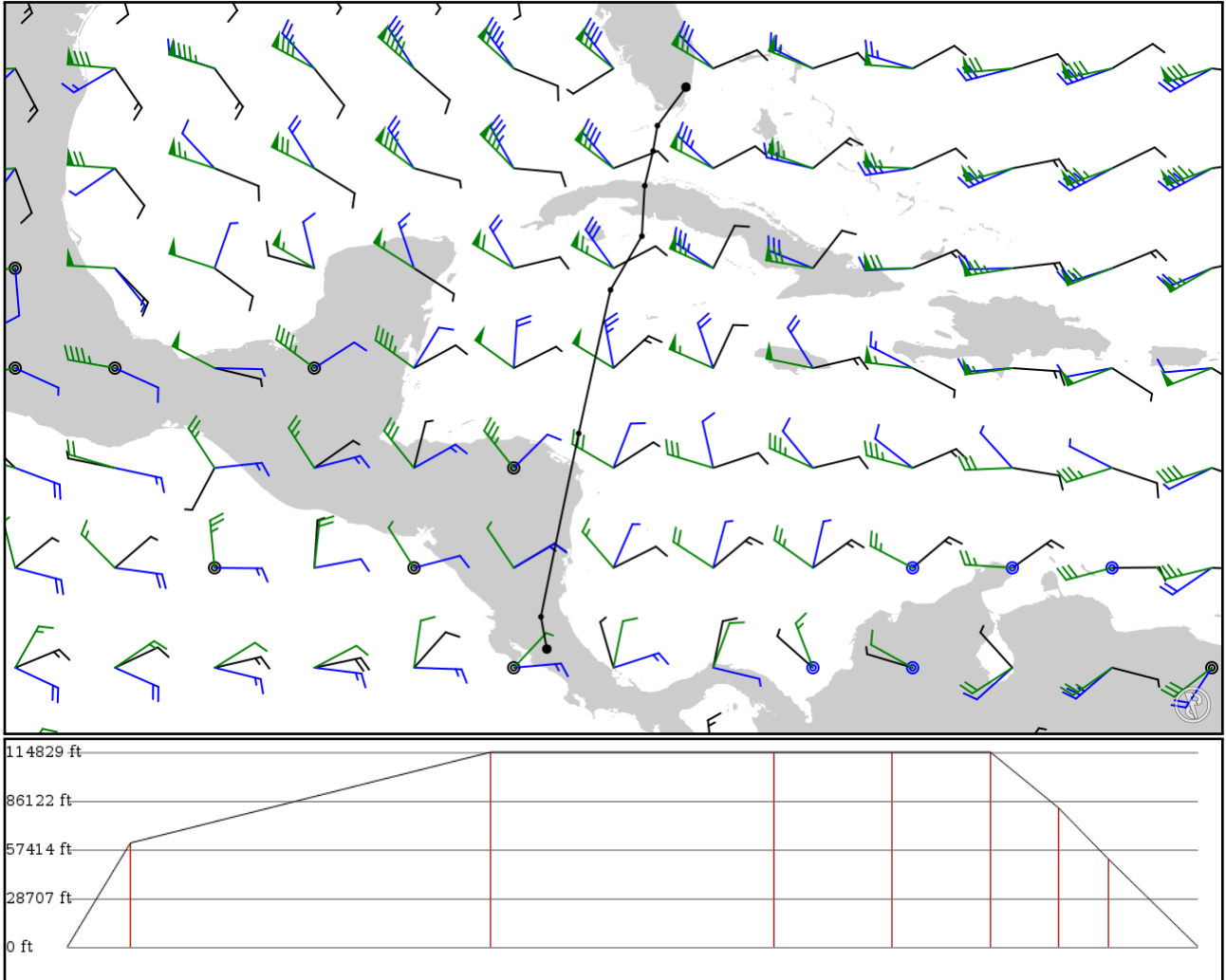
KMIA

Miami Intl

2024/05/10 2241Z

MROC PIRAS **UZ403** SELEK **UG439** UCL **UG448** TADPO **G448** MTH KMIA

989.46 nm / 1832.48 km



Notes

Basic altitude profile:

- Ascent Rate: 3000ft/min
- Ascent Speed: 300kts
- Cruise Altitude: 220ft
- Cruise Speed: 500kts
- Descent Rate: 1750ft/min
- Descent Speed: 245kts

Options:

- Use NATs: yes
- Use PACOTS: no
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
MROC APT	-	9.99393 -84.20888	0 ft 0 m	-	San Jose Juan Santamaria Intl
PIRAS FIX	-	10.90111 -84.37528	18,700 ft 5,700 m	55	-
BONOS FIX	UZ403 AWY-HI	16.05667 -83.31167	35,000 ft 10,668 m	315	-
SELEK FIX	UZ403 AWY-HI	20.09472 -82.41528	35,000 ft 10,668 m	247	-
UCL VOR	UG439 AWY-HI	21.60503 -81.53269	35,000 ft 10,668 m	103	CAYO LARGO DEL SU VOR-DME
UVA VOR	UG448 AWY-HI	23.02469 -81.45358	35,000 ft 10,668 m	85	VARDER VOR-DME
TADPO FIX	UG448 AWY-HI	24.00044 -81.21700	25,000 ft 7,620 m	60	-
MTH NDB	G448 AWY-HI	24.71189 -81.09531	15,800 ft 4,816 m	43	MARATHON NDB
KMIA APT	-	25.79617 -80.28974	0 ft 0 m	78	Miami Intl

MROC

Region: COSTA RICA
Timezone: AMERICA/COSTA_RICA
Runways: 1

Elevation: 3,047 ft / 929 m
Location: 9.993980 -84.208700
Magnetic Var: 2.656 W

METAR

MROC 102217Z 24007KT 5000 -RA BR BKN003 23/22 A2996 NOSIG

TAF

MROC 101705Z 1018/1118 25008KT 9999 FEW030 TX30/1018Z TN20/1111Z TEMPO 1019/1023 3000 TSRA SCT020CB TEMPO 1023/1118 2000

Frequencies

REC - 127.67 MHz - ATIS
TWR - 118.60 MHz - COCO TOWER
APP - 120.50 MHz - COCO APPROACH
GND - 121.90 MHz - COCO GROUND
CLD - 121.30 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	148 ft	10,075 ft	69.18	ASPHALT	0 ft	190 ft
	45 m	3,071 m	71.84		0 m	58 m
25	148 ft	10,075 ft	249.19	ASPHALT	1,804 ft	0 ft
	45 m	3,071 m	251.84		550 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	DME	IOCO	109.50 MHz	18 nm	-	-	930 ft
				33 km	-		930 m
07	LOC-ILS	IOCO	109.50 MHz	18 nm	69.19	-	3,047 ft
				33 km	71.85		3,047 m
07	GS	IOCO	109.50 MHz	10 nm	69.19	3.00	3,047 ft
				19 km	71.85		3,047 m

KMIA

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 4

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.274 W

METAR

KMIA 102153Z 24007KT 10SM FEW055 34/17 A2983 RMK AO2 SLP102 T03390172 \$

TAF

KMIA 102105Z 1021/1124 12011KT P6SM SCT030 SCT050 FM110100 21007KT P6SM SCT035 SCT250 FM110600 VRB03KT P6SM FEW04

Frequencies

REC - 119.15 MHz - D-ATIS	REC - 133.67 MHz - D-ATIS
COM - 123.00 MHz - UNICOM	CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - MIAMI GROUND	GND - 127.50 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER	TWR - 123.90 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH	APP - 124.85 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH	DEP - 119.45 MHz - MIAMI DEPARTURE
DEP - 125.50 MHz - MIAMI DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	151 ft	13,027 ft	87.37	CONCRETE	1,371 ft	384 ft
	46 m	3,971 m	94.64		418 m	117 m
27	151 ft	13,027 ft	267.39	CONCRETE	276 ft	374 ft
	46 m	3,971 m	274.66		84 m	114 m
08R	200 ft	10,515 ft	87.38	CONCRETE	0 ft	407 ft
	61 m	3,205 m	94.65		0 m	124 m
26L	200 ft	10,515 ft	267.39	CONCRETE	0 ft	407 ft
	61 m	3,205 m	274.66		0 m	124 m
08L	151 ft	8,607 ft	87.38	CONCRETE	0 ft	387 ft
	46 m	2,624 m	94.65		0 m	118 m
26R	151 ft	8,607 ft	267.39	CONCRETE	0 ft	387 ft
	46 m	2,624 m	274.66		0 m	118 m
12	151 ft	9,366 ft	119.61	CONCRETE	0 ft	397 ft
	46 m	2,855 m	126.88		0 m	121 m
30	151 ft	9,366 ft	299.62	CONCRETE	948 ft	0 ft
	46 m	2,855 m	306.89		289 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IROY	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	DME	IMFA	110.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
12	DME	IGEM	108.90 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
26L	DME	IVIN	109.10 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
26R	DME	ICNV	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	IDCX	111.70 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	LOC-ILS	IMFA	110.30 MHz	18 nm	87.37	-	4 ft
				33 km	94.64		4 m
09	LOC-ILS	IBUL	110.90 MHz	18 nm	87.37	-	4 ft
				33 km	94.64		4 m
12	LOC-ILS	IGEM	108.90 MHz	18 nm	119.60	-	4 ft
				33 km	126.87		4 m
26L	LOC-ILS	IVIN	109.10 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
27	LOC-ILS	IMIA	109.50 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
30	LOC-ILS	IDCX	111.70 MHz	18 nm	299.60	-	4 ft
				33 km	306.87		4 m
08L	LOC-LOC	IROY	109.30 MHz	18 nm	87.36	-	4 ft
				33 km	94.63		4 m
26R	LOC-LOC	ICNV	109.30 MHz	18 nm	267.36	-	4 ft
				33 km	274.63		4 m
08R	GS	IMFA	110.30 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
09	GS	IBUL	110.90 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
12	GS	IGEM	108.90 MHz	10 nm	119.60	3.00	4 ft
				19 km	126.87		4 m
26L	GS	IVIN	109.10 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
27	GS	IMIA	109.50 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
30	GS	IDCX	111.70 MHz	10 nm	299.60	3.00	4 ft
				19 km	306.87		4 m