

# KMCO

Orlando Intl

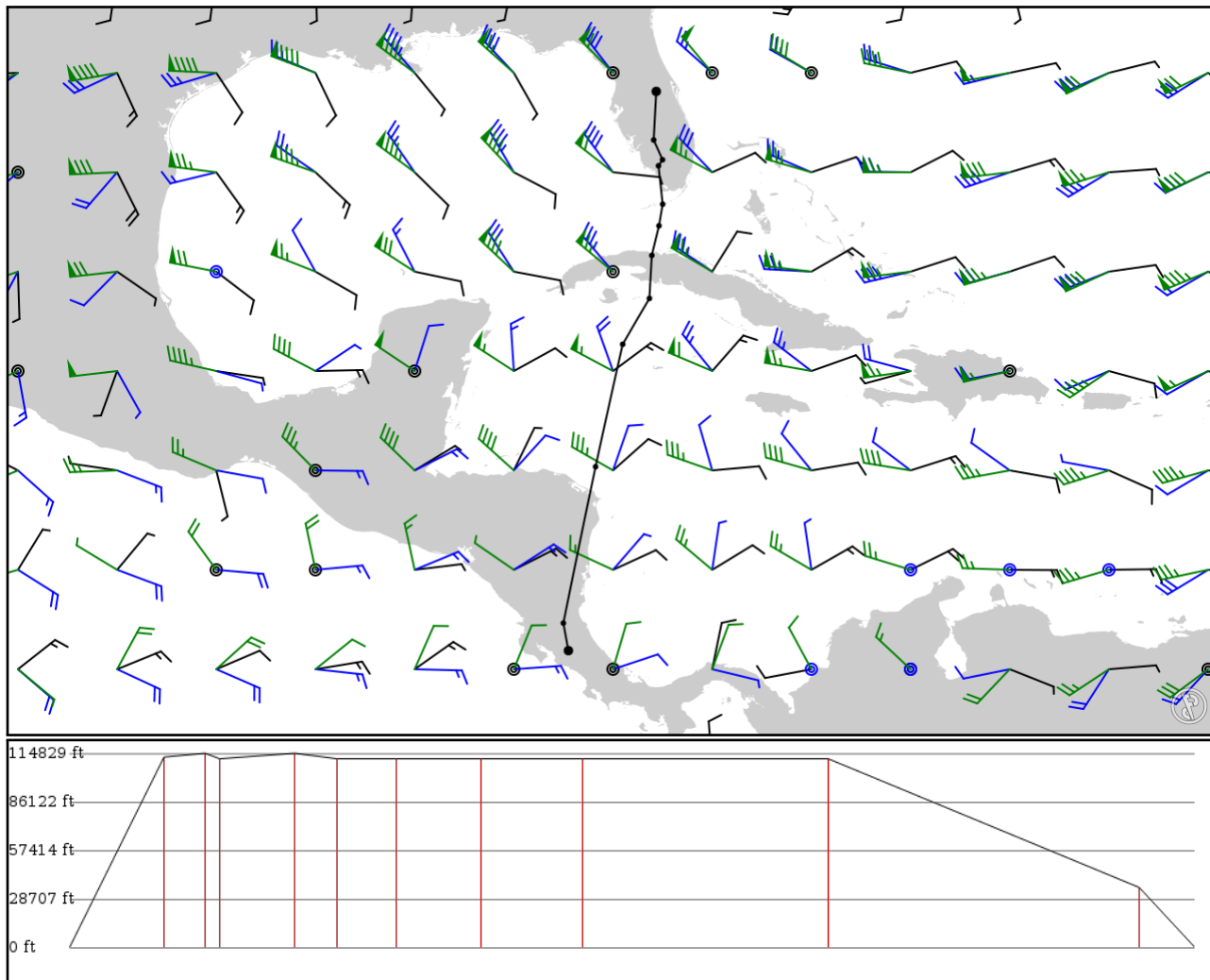
# MROC

San Jose Juan Santamaria Intl

2024/05/15 0443Z

KMCO LBV **V529** SWAGS **V601** DEEDS **B9** MTH **G448** UCL **G439** SELEK **UZ403** PIRAS MROC

1139.75 nm / 2110.81 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KMCO APT	-	28.42920 -81.30678	0 ft 0 m	-	Orlando Intl
LBV DME	-	26.82819 -81.39144	34,300 ft 10,455 m	96	LA BELLE VORTAC
SWAGS FIX	V529 AWY-LO	26.17697 -81.09997	35,000 ft 10,668 m	42	-
DEEDS FIX	V601 AWY-LO	25.97786 -81.23322	34,000 ft 10,363 m	13	-
MTH NDB	B9 AWY-LO	24.71189 -81.09531	35,000 ft 10,668 m	76	MARATHON NDB
TADPO FIX	G448 AWY-LO	24.00044 -81.21700	34,000 ft 10,363 m	43	-
UVA VOR	G448 AWY-LO	23.02469 -81.45358	34,000 ft 10,363 m	60	VARDER VOR-DME
UCL VOR	G448 AWY-LO	21.60503 -81.53269	34,000 ft 10,363 m	85	CAYO LARGO DEL SU VOR-DME
SELEK FIX	G439 AWY-LO	20.09472 -82.41528	34,000 ft 10,363 m	103	-
BONOS FIX	UZ403 AWY-HI	16.05667 -83.31167	34,000 ft 10,363 m	247	-
PIRAS FIX	UZ403 AWY-HI	10.90111 -84.37528	10,800 ft 3,292 m	315	-
MROC APT	-	9.99393 -84.20888	0 ft 0 m	55	San Jose Juan Santamaria Intl

## KMCO

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 96 ft / 29 m  
Location: 28.429200 -81.306800  
Magnetic Var: 6.996 W

## METAR

KMCO 150353Z 17010KT 10SM FEW050 SCT190 SCT300 27/22 A2984 RMK A02 SLP102 T02670222 \$

## TAF

TAF AMD KMCO 150259Z 1503/1606 19010KT P6SM FEW050 SCT250 FM150600 20006KT P6SM SCT015 BKN025 FM151000 20010G15KT

## Frequencies

REC - 120.52 MHz - D-ATIS  
CLD - 134.70 MHz - CLEARANCE DELIVERY  
GND - 126.40 MHz - ORLANDO GROUND  
TWR - 124.30 MHz - ORLANDO TOWER  
APP - 119.40 MHz - ORLANDO APPROACH  
APP - 124.80 MHz - ORLANDO APPROACH  
APP - 123.85 MHz - ORLANDO APPROACH  
DEP - 119.40 MHz - ORLANDO DEPARTURE  
DEP - 124.80 MHz - ORLANDO DEPARTURE

REC - 121.25 MHz - D-ATIS  
COM - 122.95 MHz - UNICOM  
GND - 121.80 MHz - ORLANDO GROUND  
TWR - 118.45 MHz - ORLANDO TOWER  
APP - 120.15 MHz - ORLANDO APPROACH  
APP - 135.30 MHz - ORLANDO APPROACH  
APP - 134.05 MHz - ORLANDO APPROACH  
DEP - 120.15 MHz - ORLANDO DEPARTURE  
DEP - 135.30 MHz - ORLANDO DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	151 ft	10,036 ft	179.47	CONCRETE	0 ft	404 ft
	46 m	3,059 m	186.46		0 m	123 m
35L	151 ft	10,036 ft	359.47	CONCRETE	0 ft	400 ft
	46 m	3,059 m	6.46		0 m	122 m
17L	151 ft	9,028 ft	179.48	CONCRETE	0 ft	400 ft
	46 m	2,752 m	186.47		0 m	122 m
35R	151 ft	9,028 ft	359.48	CONCRETE	0 ft	404 ft
	46 m	2,752 m	6.47		0 m	123 m
18L	200 ft	12,049 ft	179.46	CONCRETE	0 ft	400 ft
	61 m	3,673 m	186.46		0 m	122 m
36R	200 ft	12,049 ft	359.46	CONCRETE	0 ft	407 ft
	61 m	3,673 m	6.46		0 m	124 m
18R	200 ft	12,049 ft	179.45	ASPHALT	0 ft	909 ft
	61 m	3,673 m	186.45		0 m	277 m
36L	200 ft	12,049 ft	359.45	ASPHALT	0 ft	702 ft
	61 m	3,673 m	6.45		0 m	214 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IARK	110.95 MHz	18 nm	-	-	86 ft
				33 km	-		86 m
17R	DME	IDIZ	111.75 MHz	18 nm	-	-	86 ft
				33 km	-		86 m
18R	DME	ITFE	111.90 MHz	18 nm	-	-	86 ft
				33 km	-		86 m
35L	DME	IDDO	110.50 MHz	18 nm	-	-	100 ft
				33 km	-		100 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35R	DME	ICER	111.15 MHz	18 nm	-	-	90 ft
				33 km	-		90 m
36R	DME	IOJP	110.70 MHz	18 nm	-	-	91 ft
				33 km	-		91 m
17L	LOC-ILS	IARK	110.95 MHz	18 nm	179.46	-	96 ft
				33 km	186.46		96 m
17R	LOC-ILS	IDIZ	111.75 MHz	18 nm	179.51	-	96 ft
				33 km	186.51		96 m
18R	LOC-ILS	ITFE	111.90 MHz	18 nm	179.50	-	96 ft
				33 km	186.50		96 m
35L	LOC-ILS	IDDO	110.50 MHz	18 nm	359.51	-	96 ft
				33 km	6.51		96 m
35R	LOC-ILS	ICER	111.15 MHz	18 nm	359.46	-	96 ft
				33 km	6.46		96 m
36R	LOC-ILS	IOJP	110.70 MHz	18 nm	359.50	-	96 ft
				33 km	6.50		96 m
17L	GS	IARK	110.95 MHz	10 nm	179.46	3.00	96 ft
				19 km	186.46		96 m
17R	GS	IDIZ	111.75 MHz	10 nm	179.51	3.00	96 ft
				19 km	186.51		96 m
18R	GS	ITFE	111.90 MHz	10 nm	179.50	3.00	96 ft
				19 km	186.50		96 m
35L	GS	IDDO	110.50 MHz	10 nm	359.51	3.00	96 ft
				19 km	6.51		96 m
35R	GS	ICER	111.15 MHz	10 nm	359.46	3.00	96 ft
				19 km	6.46		96 m
36R	GS	IOJP	110.70 MHz	10 nm	359.50	3.00	96 ft
				19 km	6.50		96 m

## MROC

Region: COSTA RICA  
Timezone: AMERICA/COSTA\_RICA  
Runways: 1

Elevation: 3,047 ft / 929 m  
Location: 9.993980 -84.208700  
Magnetic Var: 2.657 W

## METAR

MROC 150400Z VRB02KT 9999 FEW045 SCT200 22/20 A3009 NOSIG

## TAF

TAF MROC 142328Z 1500/1524 25007KT 9999 SCT035 TX30/1518Z TN19/1511Z TEMPO 1500/1505 5000 BR BKN010 BECMG 1506/15

## 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	251.85		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