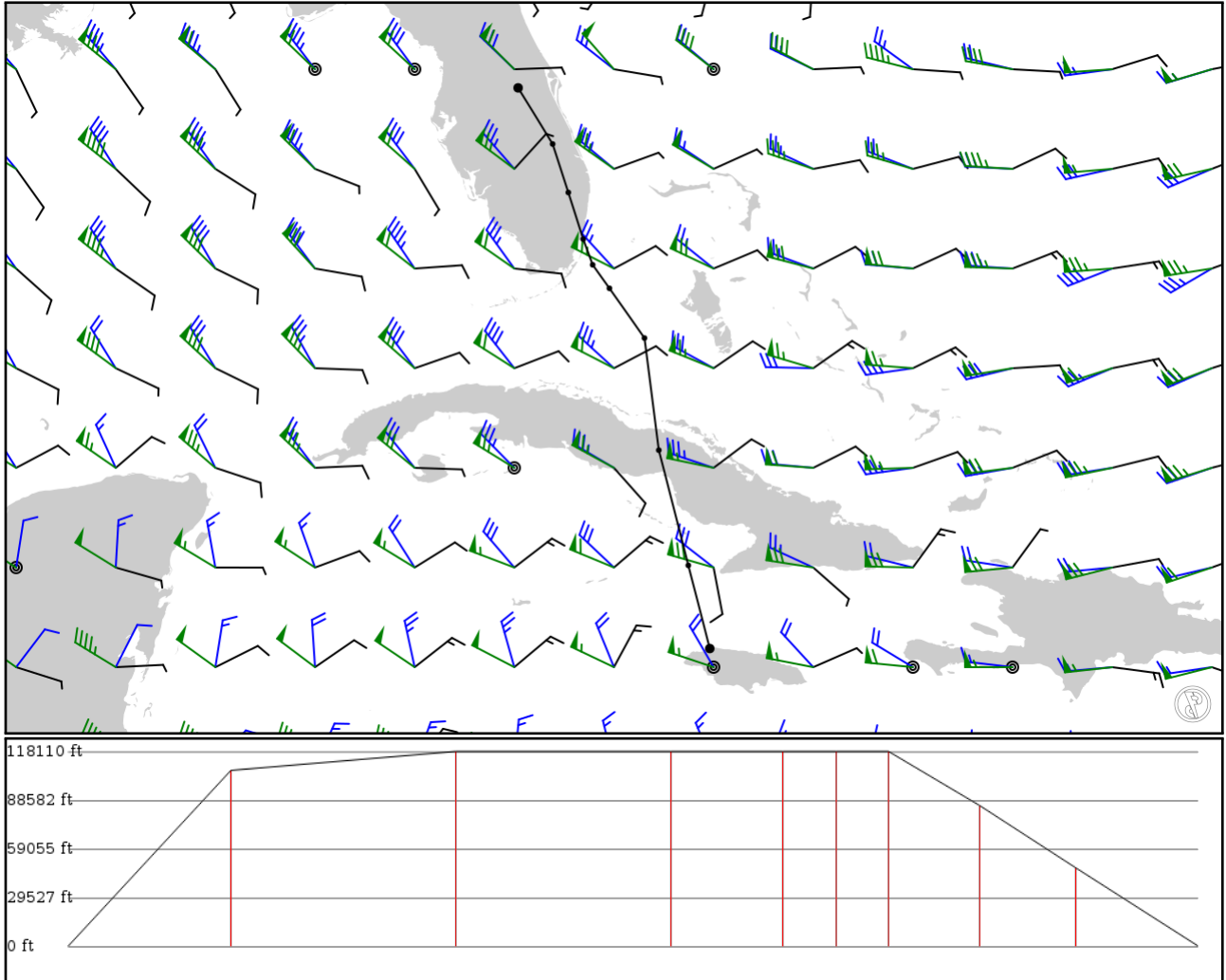


2024/05/05 0049Z

MKJS PUTUL **UG430** UCA **UA301** URSUS **A509** EONNS **G430** VKZ **J113** LLNCH KMCO

631.47 nm / 1169.48 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 36000ft
- 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
MKJS APT	-	18.50370 -77.91340	0 ft 0 m	-	Sangster Intl
PUTUL FIX	-	19.97610 -78.29330	32,500 ft 9,906 m	91	-
UCA VOR	UG430 AWY-HI	22.01510 -78.81580	36,000 ft 10,973 m	125	CIEGO DE AVILA
URSUS FIX	UA301 AWY-HI	24.00010 -79.06980	36,000 ft 10,973 m	120	-
ELLE FIX	A509 AWY-HI	24.88060 -79.69000	36,000 ft 10,973 m	62	-
EONNS FIX	A509 AWY-HI	25.29670 -79.98680	36,000 ft 10,973 m	29	-
VKZ VOR	G430 AWY-HI	25.75190 -80.15440	36,000 ft 10,973 m	28	VIRGINIA KEY
ARKES FIX	J113 AWY-HI	26.57710 -80.41770	26,000 ft 7,925 m	51	-
LLNCH FIX	J113 AWY-HI	27.43550 -80.69570	14,500 ft 4,420 m	53	-
KMCO APT	-	28.42920 -81.30680	0 ft 0 m	67	Orlando Intl

MKJS

Region: JAMAICA
Timezone: AMERICA/JAMAICA
Runways: 1

Elevation: 3 ft / 1 m
Location: 18.503700 -77.913400
Magnetic Var: 7.691 W

METAR

MKJS 050000Z 25003KT 9000 -RA FEW022CB SCT050 25/23 Q1011

TAF

TAF MKJS 042315Z 0500/0524 08008KT 9999 SCT020 BKN036 BECMG 0502/0504 10005KT BECMG 0512/0514 06016KT PROB40 TEMP

Frequencies

REC - 127.90 MHz - ATIS
TWR - 118.75 MHz - SANGTER TOWER
GND - 121.70 MHz - SANGTER GROUND
APP - 120.80 MHz - SANGTER APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	151 ft	8,742 ft	65.36	ASPHALT	213 ft	75 ft
	46 m	2,664 m	73.05		65 m	23 m
25	151 ft	8,742 ft	245.37	ASPHALT	577 ft	180 ft
	46 m	2,664 m	253.06		176 m	55 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	LOC-ILS	ISIA	109.50 MHz	18 nm	65.41	-	4 ft
				33 km	73.10		4 m
07	GS	ISIA	109.50 MHz	10 nm	65.74	3.00	4 ft
				19 km	73.43		4 m

KMCO

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

Elevation: 96 ft / 29 m
Location: 28.429200 -81.306800
Magnetic Var: 6.993 W

METAR

KMCO 042353Z 11010KT 10SM FEW075 SCT130 SCT250 24/20 A3001 RMK A02 SLP160 60004 T02440200 10300 20239 55000

TAF

TAF KMCO 042320Z 0500/0606 12012KT P6SM SCT050 SCT120 SCT250 FM050400 12005KT P6SM SCT120 SCT250 FM051600 17008KT

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	186.45		0 m	122 m
36R	200 ft	12,049 ft	359.46	CONCRETE	0 ft	407 ft
	61 m	3,673 m	6.45		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	186.45		96 m
17R	LOC-ILS	IDIZ	111.75 MHz	18 nm	179.51	-	96 ft
				33 km	186.50		96 m
18R	LOC-ILS	ITFE	111.90 MHz	18 nm	179.50	-	96 ft
				33 km	186.49		96 m
35L	LOC-ILS	IDDO	110.50 MHz	18 nm	359.51	-	96 ft
				33 km	6.50		96 m
35R	LOC-ILS	ICER	111.15 MHz	18 nm	359.46	-	96 ft
				33 km	6.45		96 m
36R	LOC-ILS	IOJP	110.70 MHz	18 nm	359.50	-	96 ft
				33 km	6.49		96 m
17L	GS	IARK	110.95 MHz	10 nm	179.46	3.00	96 ft
				19 km	186.45		96 m
17R	GS	IDIZ	111.75 MHz	10 nm	179.51	3.00	96 ft
				19 km	186.50		96 m
18R	GS	ITFE	111.90 MHz	10 nm	179.50	3.00	96 ft
				19 km	186.49		96 m
35L	GS	IDDO	110.50 MHz	10 nm	359.51	3.00	96 ft
				19 km	6.50		96 m
35R	GS	ICER	111.15 MHz	10 nm	359.46	3.00	96 ft
				19 km	6.45		96 m
36R	GS	IOJP	110.70 MHz	10 nm	359.50	3.00	96 ft
				19 km	6.49		96 m