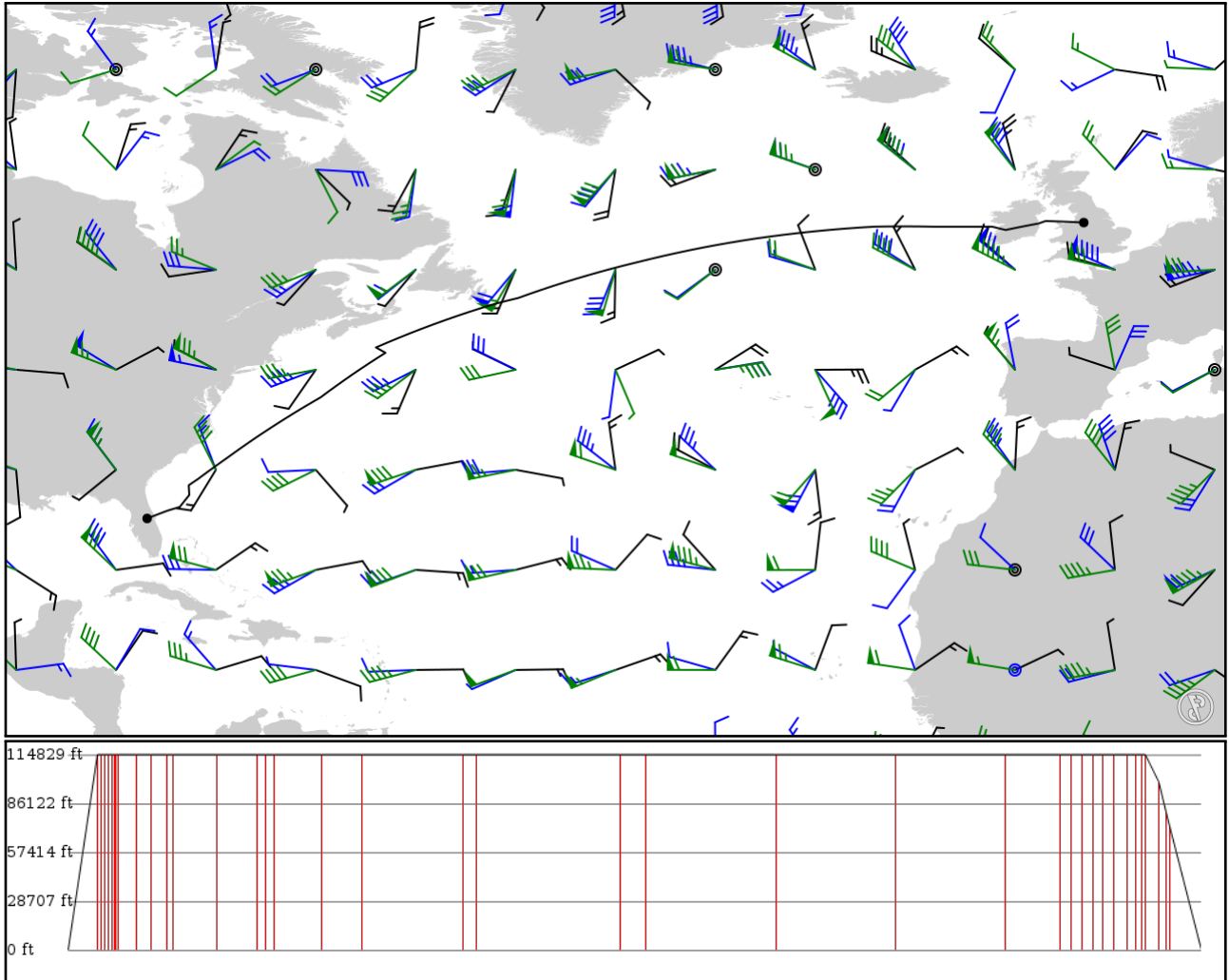


2024/05/15 2147Z

KMCO HIBAC **AR6** HOBEE **M202** CARPX **AR3** PERIE **M201** NOVOK GAYBL **N137A** PORTI **X 52/30 U** GISTI
5300N01300W 5300N01200W 5300N01100W 5300N01000W SHA **W12** KLY **W10** LIFFY **UL975** IDEXA EGCC

3786.25 nm / 7012.13 km



Notes

Using NAT tracks from 26/8/2023

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	-	28.42920	0 ft	-	Orlando Intl
APT	-	-81.30680	0 m		
HIBAC	-	29.09410	35,000 ft	99	-
FIX	-	-79.56800	10,668 m		
HALSS	AR6	29.17040	35,000 ft	14	-
FIX	AWY-HI	-79.31550	10,668 m		
HOBEE	AR6	29.22240	35,000 ft	9	-
FIX	AWY-HI	-79.15130	10,668 m		
INDRO	M202	29.23670	35,000 ft	3	-
FIX	AWY-HI	-79.09610	10,668 m		
BGDOG	M202	29.29350	35,000 ft	10	-
FIX	AWY-HI	-78.90830	10,668 m		
LEND5	M202	29.36590	35,000 ft	13	-
FIX	AWY-HI	-78.67010	10,668 m		
ADOOR	M202	29.40010	35,000 ft	6	-
FIX	AWY-HI	-78.55570	10,668 m		
ETECK	M202	29.48570	35,000 ft	6	-
FIX	AWY-HI	-78.48730	10,668 m		
CANIT	M202	29.56250	35,000 ft	5	-
FIX	AWY-HI	-78.42580	10,668 m		
CARPX	M202	30.40800	35,000 ft	61	-
FIX	AWY-HI	-77.75000	10,668 m		
PERIE	AR3	31.22860	35,000 ft	49	-
FIX	AWY-HI	-77.79690	10,668 m		
HANRI	M201	31.76460	35,000 ft	51	-
FIX	AWY-HI	-77.00000	10,668 m		
EMQUE	M201	31.99910	35,000 ft	21	-
FIX	AWY-HI	-76.68660	10,668 m		
GALWY	M201	33.58340	35,000 ft	146	-
FIX	AWY-HI	-74.48670	10,668 m		
PAEPR	M201	35.04200	35,000 ft	134	-
FIX	AWY-HI	-72.41660	10,668 m		
VEGAA	M201	35.32320	35,000 ft	26	-
FIX	AWY-HI	-72.00000	10,668 m		
ATUGI	M201	35.63850	35,000 ft	29	-
FIX	AWY-HI	-71.52670	10,668 m		
TILED	M201	37.26610	35,000 ft	157	-
FIX	AWY-HI	-68.97330	10,668 m		
DRYED	M201	38.63230	35,000 ft	136	-
FIX	AWY-HI	-66.66750	10,668 m		
NOVOK	M201	42.38160	35,000 ft	336	-
FIX	AWY-HI	-61.20160	10,668 m		
GAYBL	-	42.83330	35,000 ft	44	-
FIX	-	-62.00000	10,668 m		
PORTI	N137A	46.50000	35,000 ft	480	-
FIX	AWY-HI	-52.00000	10,668 m		
47/50	X	47.00000	35,000 ft	87	-
LATLON	NAT	-50.00000	10,668 m		
50/40	X	50.00000	35,000 ft	436	-
LATLON	NAT	-40.00000	10,668 m		
52/30	X	52.00000	35,000 ft	396	-
LATLON	NAT	-30.00000	10,668 m		
53/20	U	53.00000	35,000 ft	370	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	NAT	-20.00000	10,668 m		
MALOT	U	53.00000	35,000 ft	180	-
FIX	NAT	-15.00000	10,668 m		
GISTI	U	53.00000	35,000 ft	36	-
FIX	NAT	-14.00000	10,668 m		
5300N01300W	-	53.00000	35,000 ft	36	-
LATLON	-	-13.00000	10,668 m		
5300N01200W	-	53.00000	35,000 ft	36	-
LATLON	-	-12.00000	10,668 m		
5300N01100W	-	53.00000	35,000 ft	36	-
LATLON	-	-11.00000	10,668 m		
5300N01000W	-	53.00000	35,000 ft	36	-
LATLON	-	-10.00000	10,668 m		
SHA	-	52.72100	35,000 ft	43	SHANNON
VOR	-	-8.88522	10,668 m		
TOMTO	W12	52.87360	35,000 ft	28	-
FIX	AWY-LO	-8.15144	10,668 m		
TORLU	W12	52.98780	35,000 ft	21	-
FIX	AWY-LO	-7.58306	10,668 m		
OSGAR	W12	53.04940	35,000 ft	11	-
FIX	AWY-LO	-7.27022	10,668 m		
KLY	W12	53.26960	30,100 ft	43	KILLINEY
NDB	AWY-LO	-6.10644	9,174 m		
LIFFY	W10	53.48010	24,700 ft	25	-
FIX	AWY-LO	-5.50000	7,529 m		
IDEXA	UL975	53.47060	22,100 ft	12	-
FIX	AWY-HI	-5.16417	6,736 m		
EGCC	-	53.34740	0 ft	103	Manchester
APT	-	-2.28348	0 m		

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 152053Z 31007KT 10SM FEW031 SCT055 BKN140 BKN180 28/22 A2985 RMK A02 LTG DSNT SW SLP105 60000 T02830217 56010

TAF

KMCO 152101Z 1521/1624 30010KT P6SM VCSH FEW030 SCT050 BKN150 FM152300 25010KT P6SM FEW040 SCT120 BKN250 FM160300

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	186.48		0 m	122 m
35R	151 ft	9,028 ft	359.48	CONCRETE	0 ft	404 ft
	46 m	2,752 m	6.48		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

EGCC

Region: UNITED KINGDOM
Timezone: EUROPE/LONDON
Runways: 2

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.456 W

METAR

EGCC 152120Z AUTO 07003KT 9999 NCD 14/12 Q1006

TAF

TAF EGCC 151656Z 1518/1624 10005KT 9999 SCT035 PROB30 TEMPO 1604/1612 5000 -RADZ BR TEMPO 1612/1620 7000 SHRA BKN0

Frequencies

REC - 113.55 MHz - ATIS ARRIVAL	REC - 121.90 MHz - ATIS DEPARTURE
TWR - 119.40 MHz - MANCHESTER TOWER	TWR - 118.60 MHz - MANCHESTER TOWER
GND - 121.85 MHz - MANCHESTER GROUND	GND - 121.75 MHz - MANCHESTER GROUND
CLD - 121.70 MHz - CLEARANCE DELIVERY	APP - 135.00 MHz - MANCHESTER APPROACH
APP - 118.50 MHz - MANCHESTER APPROACH	APP - 121.35 MHz - MANCHESTER DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05L	151 ft	9,980 ft	51.00	ASPHALT	1,401 ft	0 ft
	46 m	3,042 m	51.45		427 m	0 m
23R	151 ft	9,980 ft	231.03	ASPHALT	597 ft	200 ft
	46 m	3,042 m	231.48		182 m	61 m
05R	144 ft	10,519 ft	50.98	ASPHALT	0 ft	0 ft
	44 m	3,206 m	51.43		0 m	0 m
23L	144 ft	10,519 ft	231.00	ASPHALT	1,093 ft	0 ft
	44 m	3,206 m	231.46		333 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	IMM	109.50 MHz	18 nm	-	-	294 ft
				33 km	-		294 m
05R	DME	IMC	111.55 MHz	18 nm	-	-	212 ft
				33 km	-		212 m
23R	DME	INN	109.50 MHz	18 nm	-	-	294 ft
				33 km	-		294 m
05L	LOC-ILS	IMM	109.50 MHz	18 nm	51.03	-	257 ft
				33 km	51.49		257 m
05R	LOC-ILS	IMC	111.55 MHz	18 nm	51.01	-	257 ft
				33 km	51.46		257 m
23R	LOC-ILS	INN	109.50 MHz	18 nm	230.98	-	257 ft
				33 km	231.43		257 m
05L	GS	IMM	109.50 MHz	10 nm	51.01	3.00	257 ft
				19 km	51.47		257 m
05R	GS	IMC	111.55 MHz	10 nm	51.97	3.00	257 ft
				19 km	52.43		257 m
23R	GS	INN	109.50 MHz	10 nm	231.01	3.00	257 ft
				19 km	231.47		257 m