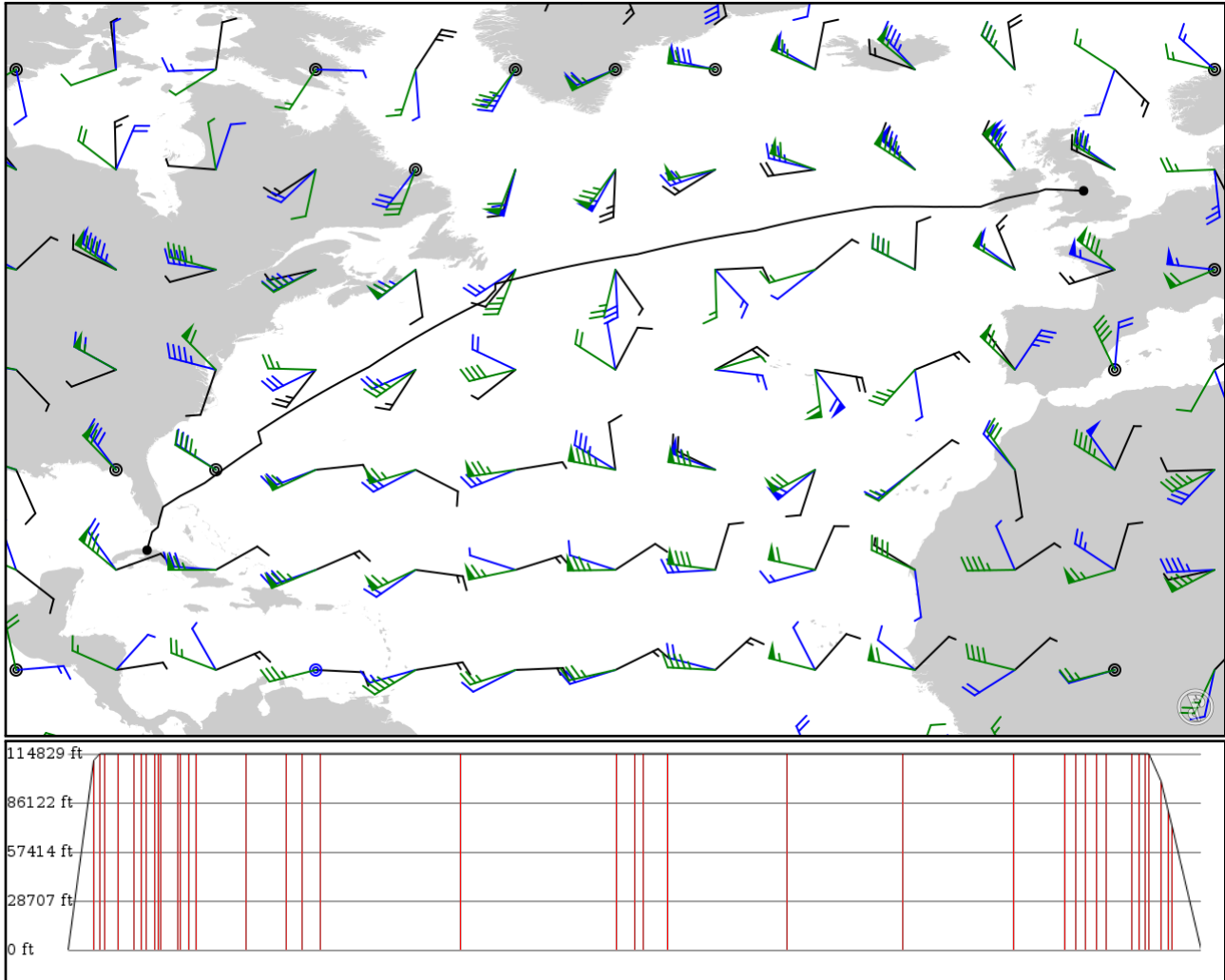


2024/05/23 0739Z

MUVR MCLAW TAZER MNATE **G439** DHP **J79** PBI **A699** SUMRS **M204** ALOBI **L453** LSIER **M203** BOBTU 4500N05200W
SUPRY **U** XETBO 5200N01300W 5200N01200W 5200N01100W SHA **W12** KLY **W10** LIFFY **UL975** IDEXA EGCC

4043.08 nm / 7487.78 km



Notes

Using NAT tracks from 20/4/2023

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
MUVR	-	23.03440	0 ft	-	JUAN GUALBERTO GOMEZ INTL
APT	-	-81.43530	0 m		
MCLAW	-	24.56360	33,800 ft	94	-
FIX	-	-81.01670	10,302 m		
TAZER	-	24.79400	35,000 ft	20	-
FIX	-	-80.75120	10,668 m		
MNATE	-	24.97930	35,000 ft	16	-
FIX	-	-80.52400	10,668 m		
DHP	G439	25.80000	35,000 ft	50	DOLPHIN (MIAMI)
VOR	AWY-HI	-80.34900	10,668 m		
PBI	J79	26.68010	35,000 ft	54	PALM BEACH
VOR	AWY-HI	-80.08650	10,668 m		
SLIDZ	A699	26.92360	35,000 ft	24	-
FIX	AWY-HI	-79.70850	10,668 m		
AMNDA	A699	27.10000	35,000 ft	18	-
FIX	AWY-HI	-79.43640	10,668 m		
PERMT	A699	27.41420	35,000 ft	32	-
FIX	AWY-HI	-78.94730	10,668 m		
RAMJT	A699	27.52040	35,000 ft	10	-
FIX	AWY-HI	-78.78000	10,668 m		
STIFF	A699	27.60520	35,000 ft	8	-
FIX	AWY-HI	-78.64610	10,668 m		
NUCAR	A699	28.12600	35,000 ft	62	-
FIX	AWY-HI	-77.63300	10,668 m		
HOOKY	A699	28.21430	35,000 ft	9	-
FIX	AWY-HI	-77.47290	10,668 m		
LOUIZ	A699	28.47280	35,000 ft	29	-
FIX	AWY-HI	-77.00000	10,668 m		
SUMRS	A699	28.71170	35,000 ft	27	-
FIX	AWY-HI	-76.55850	10,668 m		
FLUPS	M204	30.57670	35,000 ft	176	-
FIX	AWY-HI	-73.95680	10,668 m		
ALOB1	M204	32.04540	35,000 ft	142	-
FIX	AWY-HI	-71.78000	10,668 m		
LSIER	L453	33.02800	35,000 ft	60	-
FIX	AWY-HI	-72.04180	10,668 m		
PERDO	M203	33.68720	35,000 ft	64	-
FIX	AWY-HI	-71.03700	10,668 m		
SELIM	M203	38.50000	35,000 ft	498	-
FIX	AWY-HI	-62.66890	10,668 m		
BOBTU	M203	44.11720	35,000 ft	557	-
FIX	AWY-HI	-52.82220	10,668 m		
4500N05200W	-	45.00000	35,000 ft	63	-
LATLON	-	-52.00000	10,668 m		
SUPRY	-	45.50000	35,000 ft	30	-
FIX	-	-52.00000	10,668 m		
46/50	U	46.00000	35,000 ft	89	-
LATLON	NAT	-50.00000	10,668 m		
48/40	U	48.00000	35,000 ft	426	-
LATLON	NAT	-40.00000	10,668 m		
50/30	U	50.00000	35,000 ft	411	-
LATLON	NAT	-30.00000	10,668 m		
52/20	U	52.00000	35,000 ft	396	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	NAT	-20.00000	10,668 m		
LIMRI	U	52.00000	35,000 ft	184	-
FIX	NAT	-15.00000	10,668 m		
XETBO	U	52.00000	35,000 ft	36	-
FIX	NAT	-14.00000	10,668 m		
5200N01300W	-	52.00000	35,000 ft	36	-
LATLON	-	-13.00000	10,668 m		
5200N01200W	-	52.00000	35,000 ft	36	-
LATLON	-	-12.00000	10,668 m		
5200N01100W	-	52.00000	35,000 ft	36	-
LATLON	-	-11.00000	10,668 m		
SHA	-	52.72100	35,000 ft	88	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		

MUVR

Region: CUBA
Timezone: AMERICA/HAVANA
Runways: 1

Elevation: 208 ft / 63 m
Location: 23.034400 -81.435300
Magnetic Var: 6.249 W

METAR

MUVR 230650Z 16004KT 9000 NSC 23/23 Q1015

TAF

MUVR 230500Z 2306/2406 VRB04KT 9000 FEW020 BECMG 2317/2318 07008KT SCT020 BECMG 2401/2403 VRB04KT

Frequencies

APP - 126.90 MHz - VARADERO RDO

TWR - 118.40 MHz - JUAN GUALBERTO TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	148 ft	11,508 ft	55.47	ASPHALT	0 ft	0 ft
	45 m	3,508 m	61.72		0 m	0 m
24	148 ft	11,508 ft	235.48	ASPHALT	0 ft	0 ft
	45 m	3,508 m	241.73		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	LOC-ILS	IVR	111.30 MHz	18 nm	55.48	-	208 ft
				33 km	61.73		208 m
06	GS	IVR	111.30 MHz	10 nm	55.48	3.00	208 ft
				19 km	61.73		208 m

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.453 W

METAR

EGCC 230720Z 25013KT 1900 RADZ SCT004 BKN009 10/10 Q1009 RERA REDZ

TAF

TAF AMD EGCC 230617Z 2306/2412 26012KT 9999 BKN014 TEMPO 2306/2320 6000 RA -RADZ BKN007 PROB40 TEMPO 2306/2315 2700

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	51.48		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	51.46		257 m
05R	GS	IMC	111.55 MHz	10 nm	51.97	3.00	257 ft
				19 km	52.42		257 m
23R	GS	INN	109.50 MHz	10 nm	231.01	3.00	257 ft
				19 km	231.46		257 m