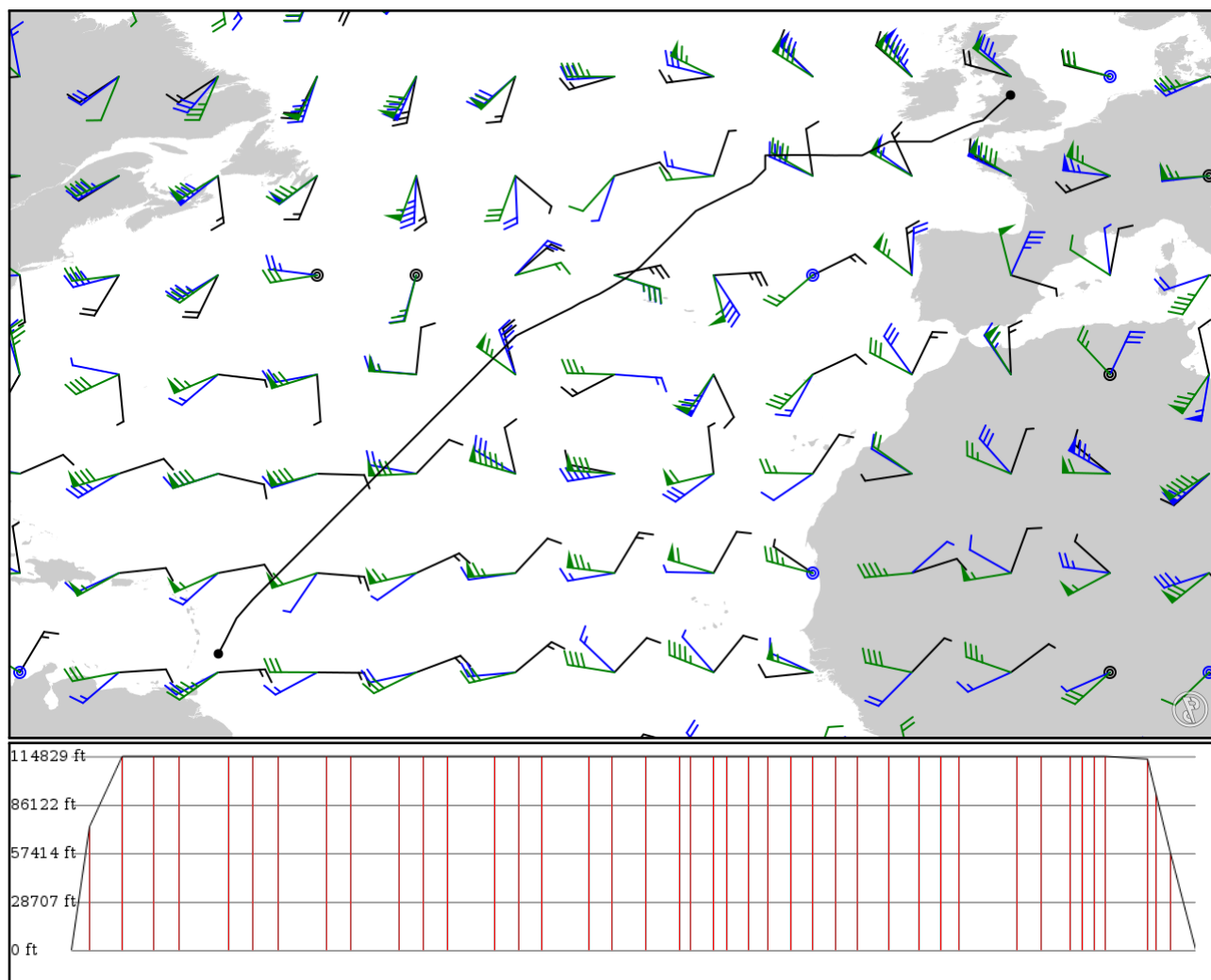


2024/05/29 0407Z

TBPB 1400N05900W LESUD 1700N05700W 1800N05600W 2000N05400W 2100N05300W 2200N05200W 2400N05000W
2500N04900W 2700N04700W 2800N04600W 2900N04500W 3100N04300W 3200N04200W 3300N04100W 3500N03900W
3600N03800W 3700N03600W 3800N03400W INBOX 3900N03200W FRS LUKIT 4100N02900W 4200N02800W
4300N02700W 4400N02600W 4500N02500W 4600N02300W 4700N02100W 48/20 49/20 Z NASBA 5000N01100W
5000N01000W 5000N0900W GAPLI **UN21** MERLY **UL180** ASRAX **UT7** IDOVO EGCC

3754.70 nm / 6953.71 km



Notes

Using NAT tracks from 29/1/2023

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
TBPB	-	13.07460	0 ft	-	Grantley Adams Intl
APT	-	-59.49210	0 m	-	
1400N05900W	-	14.00000	22,300 ft	62	-
LATLON	-	-59.00000	6,797 m	-	-
LESUD	-	15.64140	35,000 ft	109	-
FIX	-	-58.17940	10,668 m	-	-
1700N05700W	-	17.00000	35,000 ft	106	-
LATLON	-	-57.00000	10,668 m	-	-
1800N05600W	-	18.00000	35,000 ft	82	-
LATLON	-	-56.00000	10,668 m	-	-
2000N05400W	-	20.00000	35,000 ft	165	-
LATLON	-	-54.00000	10,668 m	-	-
2100N05300W	-	21.00000	35,000 ft	82	-
LATLON	-	-53.00000	10,668 m	-	-
2200N05200W	-	22.00000	35,000 ft	82	-
LATLON	-	-52.00000	10,668 m	-	-
2400N05000W	-	24.00000	35,000 ft	163	-
LATLON	-	-50.00000	10,668 m	-	-
2500N04900W	-	25.00000	35,000 ft	81	-
LATLON	-	-49.00000	10,668 m	-	-
2700N04700W	-	27.00000	35,000 ft	161	-
LATLON	-	-47.00000	10,668 m	-	-
2800N04600W	-	28.00000	35,000 ft	80	-
LATLON	-	-46.00000	10,668 m	-	-
2900N04500W	-	29.00000	35,000 ft	79	-
LATLON	-	-45.00000	10,668 m	-	-
3100N04300W	-	31.00000	35,000 ft	158	-
LATLON	-	-43.00000	10,668 m	-	-
3200N04200W	-	32.00000	35,000 ft	78	-
LATLON	-	-42.00000	10,668 m	-	-
3300N04100W	-	33.00000	35,000 ft	78	-
LATLON	-	-41.00000	10,668 m	-	-
3500N03900W	-	35.00000	35,000 ft	156	-
LATLON	-	-39.00000	10,668 m	-	-
3600N03800W	-	36.00000	35,000 ft	77	-
LATLON	-	-38.00000	10,668 m	-	-
3700N03600W	-	37.00000	35,000 ft	113	-
LATLON	-	-36.00000	10,668 m	-	-
3800N03400W	-	38.00000	35,000 ft	112	-
LATLON	-	-34.00000	10,668 m	-	-
INBOX	-	38.36830	35,000 ft	37	-
FIX	-	-33.36360	10,668 m	-	-
3900N03200W	-	39.00000	35,000 ft	74	-
LATLON	-	-32.00000	10,668 m	-	-
FRS	-	39.45360	35,000 ft	45	FLORES
VOR	-	-31.21040	10,668 m	-	
LUKIT	-	40.19690	35,000 ft	71	-
FIX	-	-30.00000	10,668 m	-	-
4100N02900W	-	41.00000	35,000 ft	66	-
LATLON	-	-29.00000	10,668 m	-	-
4200N02800W	-	42.00000	35,000 ft	75	-
LATLON	-	-28.00000	10,668 m	-	-
4300N02700W	-	43.00000	35,000 ft	74	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-27.00000	10,668 m		
4400N02600W	-	44.00000	35,000 ft	74	-
LATLON	-	-26.00000	10,668 m		
4500N02500W	-	45.00000	35,000 ft	73	-
LATLON	-	-25.00000	10,668 m		
4600N02300W	-	46.00000	35,000 ft	103	-
LATLON	-	-23.00000	10,668 m		
4700N02100W	-	47.00000	35,000 ft	102	-
LATLON	-	-21.00000	10,668 m		
48/20	-	48.00000	35,000 ft	72	-
LATLON	-	-20.00000	10,668 m		
49/20	-	49.00000	35,000 ft	60	-
LATLON	-	-20.00000	10,668 m		
BEDRA	Z	49.00000	35,000 ft	196	-
FIX	NAT	-15.00000	10,668 m		
NASBA	Z	49.00000	35,000 ft	78	-
FIX	NAT	-13.00000	10,668 m		
5000N01100W	-	50.00000	35,000 ft	98	-
LATLON	-	-11.00000	10,668 m		
5000N01000W	-	50.00000	35,000 ft	38	-
LATLON	-	-10.00000	10,668 m		
5000N0900W	-	50.00000	35,000 ft	38	-
LATLON	-	-9.00000	10,668 m		
GAPLI	-	50.00000	35,000 ft	38	-
FIX	-	-8.00000	10,668 m		
MERLY	UN21	51.33330	34,500 ft	139	-
FIX	AWY-HI	-5.00000	10,516 m		
ASRAX	UL180	51.52140	28,200 ft	29	-
FIX	AWY-HI	-4.27861	8,595 m		
IDOVO	UT7	52.22390	17,500 ft	50	-
FIX	AWY-HI	-3.55111	5,334 m		
EGCC	-	53.34740	0 ft	81	Manchester
APT	-	-2.28348	0 m		

TBPB

Region: BARBADOS
Timezone: AMERICA/BARBADOS
Runways: 1

Elevation: 166 ft / 51 m
Location: 13.074600 -59.492100
Magnetic Var: 15.793 W

METAR

TBPB 290300Z 09018KT 9999 SCT018 29/25 Q1016 NOSIG

TAF

TAF TBPB 282300Z 2900/2924 09017KT 9999 SCT018

Frequencies

GND - 121.90 MHz - ADAMS GROUND
APP - 129.35 MHz - ADAMS APPROACH

TWR - 118.70 MHz - ADAMS TOWER
REC - 132.72 MHz - ATIS

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	11,037 ft	75.80	ASPHALT	0 ft	174 ft
	45 m	3,364 m	91.59		0 m	53 m
27	148 ft	11,037 ft	255.80	ASPHALT	0 ft	0 ft
	45 m	3,364 m	271.60		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	LOC-ILS	IBGI	110.10 MHz	18 nm	75.85	-	168 ft
				33 km	91.64		168 m
09	GS	IBGI	110.10 MHz	10 nm	76.69	3.00	168 ft
				19 km	92.49		168 m

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.450 W

METAR

EGCC 290320Z AUTO 22006KT 9999 BKN018 OVC022 12/11 Q1006 NOSIG

TAF

TAF AMD EGCC 290205Z 2902/3006 26012KT 9999 FEW015 SCT025 TEMPO 2902/2911 BKN012 PROB30 TEMPO 2902/2912 4000 -DZ R

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