

EGLL

London Heathrow

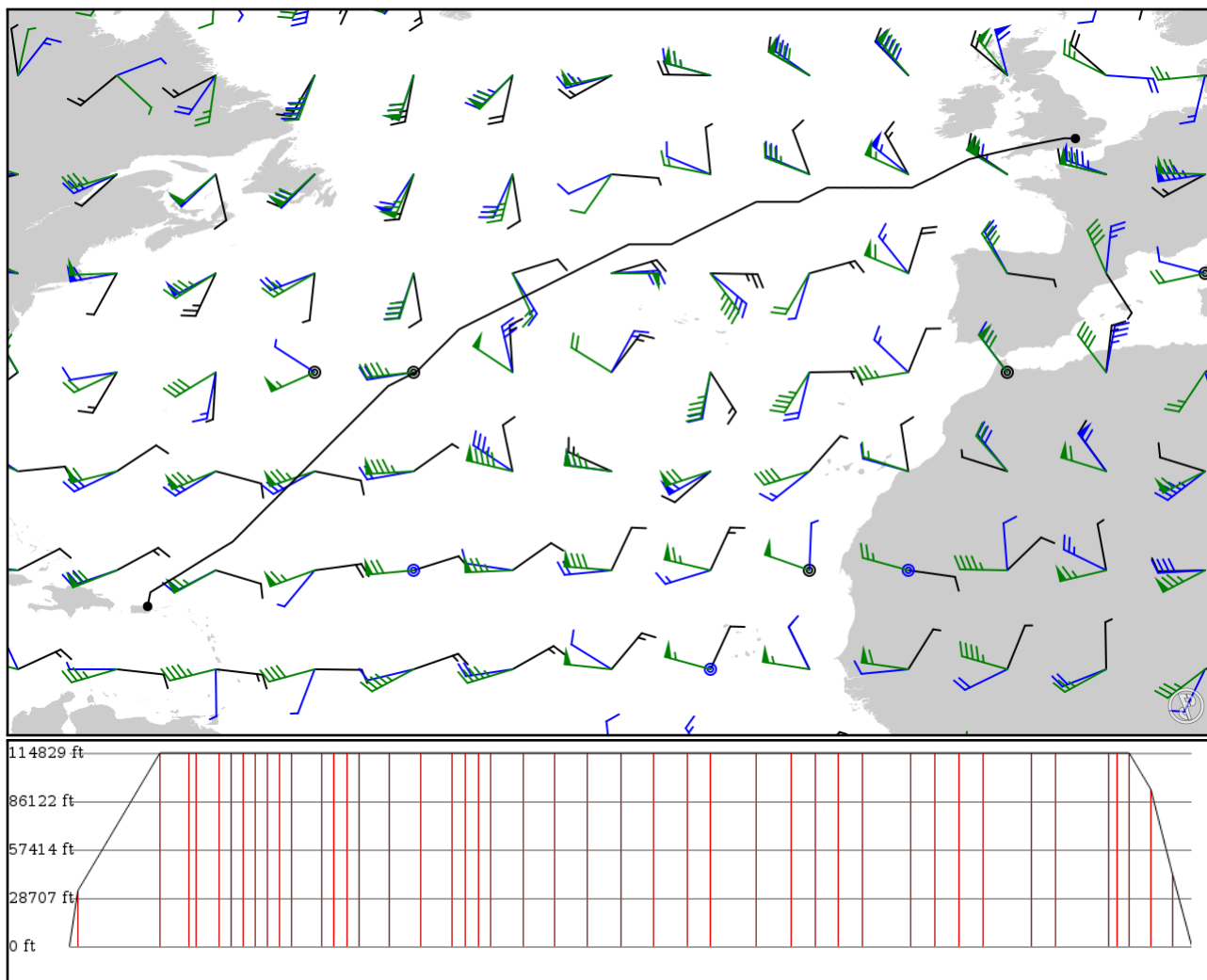
TJSJ

Luis Munoz Marin Intl

2024/05/20 0300Z

EGLL CPT **UM197** GAPLI 4900N0-1000W TAMEL 4800N0-1200W 4800N0-1300W 4800N0-1400W 4800N0-1500W
4800N0-1600W 4800N0-1700W 4800N0-1800W 4700N0-2000W 4700N0-2100W 4700N0-2200W 4700N0-2300W
4600N0-2500W 4500N0-2700W 4400N0-2900W 4400N0-3000W 4400N0-3100W 4400N0-3200W 4300N0-3400W
4200N0-3600W 4100N0-3800W 4000N0-4000W 3900N0-4200W 3800N0-4400W 3700N0-4500W 3500N0-4700W
3400N0-4900W 3300N0-5000W 3200N0-5100W 3100N0-5200W 2900N0-5400W 2800N0-5500W 2700N0-5600W
2600N0-5700W 2400N0-5900W KAVAX **M525** FRATT TJSJ

3732.26 nm / 6912.15 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
EGLL APT	-	51.47120 -0.46088	0 ft 0 m	-	London Heathrow
CPT VOR	-	51.49160 -1.21969	10,100 ft 3,078 m	28	COMPTON
GAPLI FIX	UM197 AWY-HI	50.00000 -8.00000	35,000 ft 10,668 m	272	-
4900N0-1000W LATLON	-	49.00000 -10.00000	35,000 ft 10,668 m	98	-
TAMEL FIX	-	48.72860 -10.49720	35,000 ft 10,668 m	25	-
4800N0-1200W LATLON	-	48.00000 -12.00000	35,000 ft 10,668 m	74	-
4800N0-1300W LATLON	-	48.00000 -13.00000	35,000 ft 10,668 m	40	-
4800N0-1400W LATLON	-	48.00000 -14.00000	35,000 ft 10,668 m	40	-
4800N0-1500W LATLON	-	48.00000 -15.00000	35,000 ft 10,668 m	40	-
4800N0-1600W LATLON	-	48.00000 -16.00000	35,000 ft 10,668 m	40	-
4800N0-1700W LATLON	-	48.00000 -17.00000	35,000 ft 10,668 m	40	-
4800N0-1800W LATLON	-	48.00000 -18.00000	35,000 ft 10,668 m	40	-
4700N0-2000W LATLON	-	47.00000 -20.00000	35,000 ft 10,668 m	100	-
4700N0-2100W LATLON	-	47.00000 -21.00000	35,000 ft 10,668 m	40	-
4700N0-2200W LATLON	-	47.00000 -22.00000	35,000 ft 10,668 m	40	-
4700N0-2300W LATLON	-	47.00000 -23.00000	35,000 ft 10,668 m	40	-
4600N0-2500W LATLON	-	46.00000 -25.00000	35,000 ft 10,668 m	102	-
4500N0-2700W LATLON	-	45.00000 -27.00000	35,000 ft 10,668 m	103	-
4400N0-2900W LATLON	-	44.00000 -29.00000	35,000 ft 10,668 m	104	-
4400N0-3000W LATLON	-	44.00000 -30.00000	35,000 ft 10,668 m	43	-
4400N0-3100W LATLON	-	44.00000 -31.00000	35,000 ft 10,668 m	43	-
4400N0-3200W LATLON	-	44.00000 -32.00000	35,000 ft 10,668 m	43	-
4300N0-3400W LATLON	-	43.00000 -34.00000	35,000 ft 10,668 m	105	-
4200N0-3600W LATLON	-	42.00000 -36.00000	35,000 ft 10,668 m	106	-
4100N0-3800W LATLON	-	41.00000 -38.00000	35,000 ft 10,668 m	108	-
4000N0-4000W LATLON	-	40.00000 -40.00000	35,000 ft 10,668 m	109	-
3900N0-4200W	-	39.00000	35,000 ft	110	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-42.00000	10,668 m		
3800N0-4400W	-	38.00000	35,000 ft	111	-
LATLON	-	-44.00000	10,668 m		
3700N0-4500W	-	37.00000	35,000 ft	76	-
LATLON	-	-45.00000	10,668 m		
3500N0-4700W	-	35.00000	35,000 ft	154	-
LATLON	-	-47.00000	10,668 m		
3400N0-4900W	-	34.00000	35,000 ft	115	-
LATLON	-	-49.00000	10,668 m		
3300N0-5000W	-	33.00000	35,000 ft	78	-
LATLON	-	-50.00000	10,668 m		
3200N0-5100W	-	32.00000	35,000 ft	78	-
LATLON	-	-51.00000	10,668 m		
3100N0-5200W	-	31.00000	35,000 ft	78	-
LATLON	-	-52.00000	10,668 m		
2900N0-5400W	-	29.00000	35,000 ft	158	-
LATLON	-	-54.00000	10,668 m		
2800N0-5500W	-	28.00000	35,000 ft	79	-
LATLON	-	-55.00000	10,668 m		
2700N0-5600W	-	27.00000	35,000 ft	80	-
LATLON	-	-56.00000	10,668 m		
2600N0-5700W	-	26.00000	35,000 ft	80	-
LATLON	-	-57.00000	10,668 m		
2400N0-5900W	-	24.00000	35,000 ft	162	-
LATLON	-	-59.00000	10,668 m		
KAVAX	-	23.00000	35,000 ft	81	-
FIX	-	-60.00000	10,668 m		
ZABOR	M525	21.39090	35,000 ft	175	-
FIX	AWY-HI	-62.62620	10,668 m		
SOCCO	M525	21.11640	35,000 ft	29	-
FIX	AWY-HI	-63.06190	10,668 m		
YIYYO	M525	20.75360	35,000 ft	38	-
FIX	AWY-HI	-63.63250	10,668 m		
CAFFE	M525	20.09010	28,400 ft	73	-
FIX	AWY-HI	-64.73570	8,656 m		
FRATT	M525	19.43450	13,000 ft	72	-
FIX	AWY-HI	-65.80560	3,962 m		
TJSJ	-	18.43870	0 ft	60	Luis Munoz Marin Intl
APT	-	-66.00220	0 m		

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.381 E

METAR

EGLL 200220Z AUTO 02005KT 330V050 9999 NCD 10/08 Q1015 NOSIG

TAF

TAF EGLL 192258Z 2000/2106 03007KT 9999 FEW040 BECMG 2001/2004 BKN012 PROB40 TEMPO 2001/2006 8000 BKN007 BECMG 2006/2106 03007KT 9999 FEW040

Frequencies

REC - 128.07 MHz - HEATHROW INFORMATION	REC - 121.92 MHz - HEATHROW INFORMATION
CLD - 121.97 MHz - HEATHROW DELIVERY	GND - 121.70 MHz - HEATHROW GROUND
GND - 121.85 MHz - HEATHROW GROUND	GND - 121.90 MHz - HEATHROW GROUND
TWR - 118.50 MHz - HEATHROW TOWER	TWR - 118.70 MHz - HEATHROW TOWER
TWR - 124.47 MHz - HEATHROW TOWER	APP - 119.72 MHz - HEATHROW DIRECTOR
APP - 120.40 MHz - HEATHROW DIRECTOR	APP - 134.97 MHz - HEATHROW DIRECTOR
APP - 125.62 MHz - HEATHROW RADAR	APP - 127.52 MHz - HEATHROW RADAR
DEP - 120.52 MHz - HEATHROW DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	164 ft	12,770 ft	89.66	ASPHALT	1,007 ft	0 ft
	50 m	3,892 m	89.28		307 m	0 m
27R	164 ft	12,770 ft	269.70	ASPHALT	0 ft	177 ft
	50 m	3,892 m	269.32		0 m	54 m
09R	164 ft	11,975 ft	89.68	ASPHALT	1,004 ft	0 ft
	50 m	3,650 m	89.30		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.34		0 m	29 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IAA	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09R	DME	IBB	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27L	DME	ILL	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27R	DME	IRR	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09L	LOC-ILS	IAA	110.30 MHz	18 nm	89.68	-	83 ft
				33 km	89.30		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.32		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.32		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.30		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.30		83 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09R	GS	IBB	109.50 MHz	10 nm	89.70	3.00	83 ft
				19 km	89.32		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.32		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.30		83 m

TJSJ

Region: USA (PUERTO RICO)
Timezone: AMERICA/PUERTO_RICO
Runways: 2

Elevation: 8 ft / 2 m
Location: 18.438700 -66.002200
Magnetic Var: 13.516 W

METAR

TJSJ 200156Z 13004KT 10SM CLR 29/24 A2999

TAF

TAF TJSJ 192320Z 2000/2024 13006KT P6SM VCSH FEW025 FM200300 00000KT P6SM SCT030 FM201400 08014KT P6SM VCSH SCT030

Frequencies

REC - 125.80 MHz - ATIS
CLD - 126.40 MHz - CLEARANCE DELIVERY
TWR - 132.05 MHz - SAN JUAN TOWER
DEP - 119.40 MHz - SAN JUAN DEPARTURE
APP - 120.90 MHz - SAN JUAN APPROACH

COM - 123.00 MHz - UNICOM
GND - 121.90 MHz - SAN JUAN GROUND
DEP - 120.90 MHz - SAN JUAN DEPARTURE
APP - 119.40 MHz - SAN JUAN APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	200 ft	10,410 ft	66.85	ASPHALT	404 ft	394 ft
	61 m	3,173 m	80.37		123 m	120 m
26	200 ft	10,410 ft	246.86	ASPHALT	400 ft	397 ft
	61 m	3,173 m	260.38		122 m	121 m
10	151 ft	8,006 ft	90.14	CONCRETE	0 ft	203 ft
	46 m	2,440 m	103.66		0 m	62 m
28	151 ft	8,006 ft	270.15	CONCRETE	0 ft	200 ft
	46 m	2,440 m	283.67		0 m	61 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	LOC-ILS	ISJU	110.30 MHz	18 nm	66.86	-	2 ft
				33 km	80.38		2 m
10	LOC-ILS	ICLA	109.70 MHz	18 nm	90.15	-	2 ft
				33 km	103.67		2 m
08	GS	ISJU	110.30 MHz	10 nm	66.86	3.00	2 ft
				19 km	80.38		2 m
10	GS	ICLA	109.70 MHz	10 nm	90.15	3.00	2 ft
				19 km	103.67		2 m