

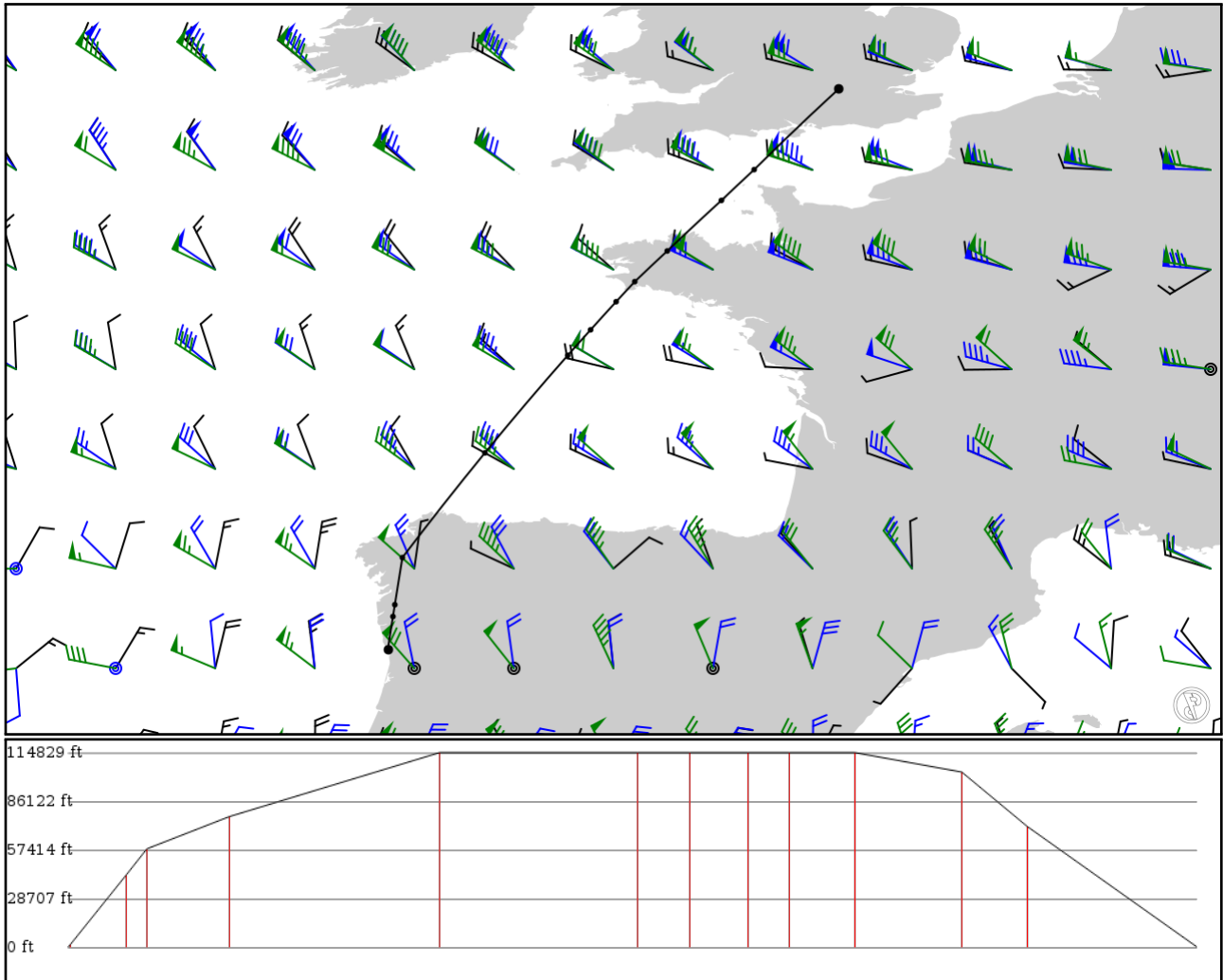
**LPPR**  
Porto

**EGLL**  
London Heathrow

2024/05/12 0131Z

LPPR PRT **A5** STG **UN866** ORTAC EGLL

708.26 nm / 1311.70 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 350000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: no
- Use PACOTS: no
- Use low airways: yes
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LPPR	-	41.24793	0 ft	-	Porto
APT	-	-8.68122	0 m		
PRT	-	41.27300	500 ft	1	PORTO VOR-DME
VOR	-	-8.68783	152 m		
RELVA	A5	41.85278	13,000 ft	35	-
FIX	AWY-LO	-8.59750	3,962 m		
TURON	A5	42.06792	17,700 ft	13	-
FIX	AWY-LO	-8.56342	5,395 m		
STG	A5	42.92687	23,500 ft	51	SANTIAGO VOR-DME
VOR	AWY-LO	-8.42539	7,163 m		
KORUL	UN866	44.83523	35,000 ft	131	-
FIX	AWY-HI	-6.91973	10,668 m		
KOLEK	UN866	46.61278	35,000 ft	124	-
FIX	AWY-HI	-5.40806	10,668 m		
COQUE	UN866	47.07917	35,000 ft	32	-
FIX	AWY-HI	-4.99056	10,668 m		
KEREB	UN866	47.59139	35,000 ft	36	-
FIX	AWY-HI	-4.52472	10,668 m		
QPR	UN866	47.95728	35,000 ft	25	QUIMPER PLUGUFFAN VOR-DME
VOR	AWY-HI	-4.18472	10,668 m		
LARSI	UN866	48.51639	35,000 ft	41	-
FIX	AWY-HI	-3.59167	10,668 m		
LAGUL	UN866	49.43722	31,500 ft	67	-
FIX	AWY-HI	-2.60361	9,601 m		
ORTAC	UN866	49.99917	21,700 ft	40	-
FIX	AWY-HI	-2.00500	6,614 m		
EGLL	-	51.47122	0 ft	106	London Heathrow
APT	-	-0.46098	0 m		

## LPPR

Region: PORTUGAL  
Timezone: EUROPE/LISBON  
Runways: 1

Elevation: 227 ft / 69 m  
Location: 41.247900 -8.681220  
Magnetic Var: 1.513 W

## METAR

LPPR 120100Z 34008KT 9999 BKN011 14/12 Q1019

## TAF

TAF LPPR 112300Z 1200/1224 34007KT 9999 SCT012 TEMPO 1200/1207 BKN008 BECMG 1210/1212 31012KT FEW020 BECMG 1222/1

## Frequencies

REC - 124.30 MHz - PORTO ATIS  
APP - 121.10 MHz - PORTO APPROACH

TWR - 118.00 MHz - PORTO TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17	148 ft	11,428 ft	168.84	ASPHALT	978 ft	0 ft
	45 m	3,483 m	170.36		298 m	0 m
35	148 ft	11,428 ft	348.85	ASPHALT	492 ft	0 ft
	45 m	3,483 m	350.36		150 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17	DME	PR	109.90 MHz	18 nm	-	-	228 ft
				33 km	-		228 m
17	LOC-ILS	PR	109.90 MHz	18 nm	168.87	-	228 ft
				33 km	170.38		228 m
17	GS	PR	109.90 MHz	10 nm	169.77	2.72	228 ft
				19 km	171.28		228 m

## EGLL

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

Elevation: 83 ft / 25 m  
Location: 51.471200 -0.460881  
Magnetic Var: 0.378 E

## METAR

EGLL 120050Z AUTO 06004KT 9999 NCD 13/10 Q1017 NOSIG

## TAF

TAF EGLL 112253Z 1200/1306 08007KT 9999 FEW045 PROB30 1203/1207 8000 PROB30 TEMPO 1213/1218 3000 +SHRA BECMG 1215

## 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	269.33		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