

LEMG

Malaga

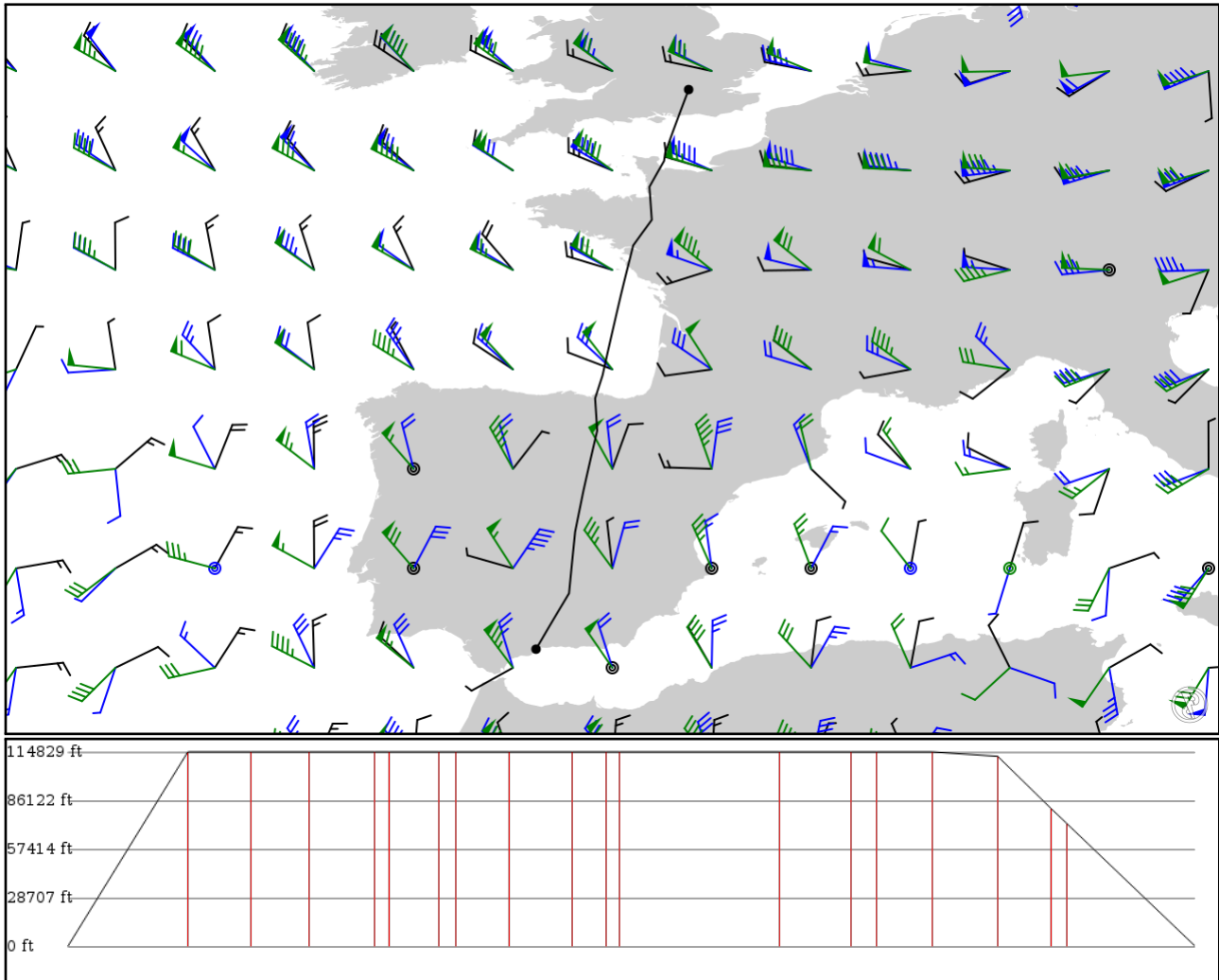
EGLL

London Heathrow

2024/05/07 1123Z

LEMG BLN UN865 VTB UN867 RBO N867 GASMO UN867 BLV UP87 MOKOR UN867 RINSO UM184 EPATI EGLL

914.40 nm / 1693.47 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 |
|---------------|--------|------------|-----------|--------------|-----------------|
| LEMG | - | 36.67500 | 0 ft | - | Malaga |
| APT | - | -4.49917 | 0 m | | |
| BLN | - | 38.15250 | 35,000 ft | 98 | BAILEN |
| VOR | - | -3.62500 | 10,668 m | | |
| MORAL | UN865 | 39.00000 | 35,000 ft | 51 | - |
| FIX | AWY-HI | -3.54217 | 10,668 m | | |
| VTB | UN865 | 39.78080 | 35,000 ft | 47 | VILLATOBAS |
| VOR | AWY-HI | -3.46403 | 10,668 m | | |
| VEMAK | UN867 | 40.66050 | 35,000 ft | 53 | - |
| FIX | AWY-HI | -3.28633 | 10,668 m | | |
| RBO | UN867 | 40.85390 | 35,000 ft | 11 | ROBLEDILLO |
| VOR | AWY-HI | -3.24664 | 10,668 m | | |
| OSTIX | N867 | 41.50450 | 35,000 ft | 39 | - |
| FIX | AWY-LO | -3.10011 | 10,668 m | | |
| GASMO | N867 | 41.72950 | 35,000 ft | 13 | - |
| FIX | AWY-LO | -3.04875 | 10,668 m | | |
| DGO | UN867 | 42.45330 | 35,000 ft | 44 | DOMINGO |
| VOR | AWY-HI | -2.88069 | 10,668 m | | |
| BLV | UN867 | 43.30440 | 35,000 ft | 51 | BILBAO |
| VOR | AWY-HI | -2.93589 | 10,668 m | | |
| BADRU | UP87 | 43.73650 | 35,000 ft | 26 | - |
| FIX | AWY-HI | -2.79656 | 10,668 m | | |
| BELEN | UP87 | 43.91420 | 35,000 ft | 10 | - |
| FIX | AWY-HI | -2.73864 | 10,668 m | | |
| GODEM | UP87 | 46.05190 | 35,000 ft | 130 | - |
| FIX | AWY-HI | -2.25000 | 10,668 m | | |
| MOKOR | UP87 | 47.00690 | 35,000 ft | 58 | - |
| FIX | AWY-HI | -2.01389 | 10,668 m | | |
| TERPO | UN867 | 47.34890 | 35,000 ft | 20 | - |
| FIX | AWY-HI | -1.92889 | 10,668 m | | |
| RINSO | UN867 | 48.02720 | 35,000 ft | 45 | - |
| FIX | AWY-HI | -1.43583 | 10,668 m | | |
| EKRAS | UM184 | 48.89940 | 34,200 ft | 52 | - |
| FIX | AWY-HI | -1.49917 | 10,424 m | | |
| DIKRO | UM184 | 49.58470 | 24,800 ft | 43 | - |
| FIX | AWY-HI | -1.11083 | 7,559 m | | |
| EPATI | UM184 | 49.79360 | 22,100 ft | 12 | - |
| FIX | AWY-HI | -1.08222 | 6,736 m | | |
| EGLL | - | 51.47120 | 0 ft | 103 | London Heathrow |
| APT | - | -0.46088 | 0 m | | |

LEMG

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 2

Elevation: 52 ft / 16 m
Location: 36.680200 -4.496650
Magnetic Var: 0.156 W

METAR

LEMG 071100Z 11009KT 050V150 9999 FEW018 21/15 Q1019 NOSIG

TAF

TAF AMD LEMG 070908Z 0709/0806 13010KT CAVOK TX26/0714Z TN17/0806Z PROB30 TEMPO 0709/0710 13015G27KT BECMG 0722/0

Frequencies

| | |
|------------------------------------|---------------------------------------|
| REC - 124.47 MHz - ATIS | CLD - 121.80 MHz - CLEARANCE DELIVERY |
| TWR - 118.15 MHz - MALAGA TOWER | TWR - 118.77 MHz - MALAGA TOWER |
| GND - 121.70 MHz - MALAGA GROUND | GND - 121.95 MHz - MALAGA GROUND |
| APP - 118.45 MHz - MALAGA APPROACH | APP - 123.95 MHz - MALAGA APPROACH |
| APP - 128.80 MHz - MALAGA APPROACH | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 13 | 148 ft | 10,498 ft | 131.69 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 3,200 m | 131.84 | | 0 m | 0 m |
| 31 | 148 ft | 10,498 ft | 311.70 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 3,200 m | 311.86 | | 0 m | 0 m |
| 12 | 148 ft | 9,020 ft | 117.69 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 2,749 m | 117.85 | | 0 m | 0 m |
| 30 | 148 ft | 9,020 ft | 297.71 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 2,749 m | 297.86 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 12 | DME | IMG | 110.55 MHz | 18 nm | - | - | 52 ft |
| | | | | 33 km | - | | 52 m |
| 13 | DME | GMM | 109.50 MHz | 18 nm | - | - | 69 ft |
| | | | | 33 km | - | | 69 m |
| 31 | DME | GAA | 109.90 MHz | 18 nm | - | - | 56 ft |
| | | | | 33 km | - | | 56 m |
| 12 | LOC-ILS | IMG | 110.55 MHz | 18 nm | 117.69 | - | 52 ft |
| | | | | 33 km | 117.85 | | 52 m |
| 13 | LOC-ILS | GMM | 109.50 MHz | 18 nm | 131.70 | - | 52 ft |
| | | | | 33 km | 131.86 | | 52 m |
| 31 | LOC-ILS | GAA | 109.90 MHz | 18 nm | 311.70 | - | 52 ft |
| | | | | 33 km | 311.86 | | 52 m |
| 12 | GS | IMG | 110.55 MHz | 10 nm | 117.69 | 3.00 | 52 ft |
| | | | | 19 km | 117.85 | | 52 m |
| 13 | GS | GMM | 109.50 MHz | 10 nm | 131.70 | 3.20 | 52 ft |
| | | | | 19 km | 131.86 | | 52 m |
| 31 | GS | GAA | 109.90 MHz | 10 nm | 311.70 | 3.00 | 52 ft |
| | | | | 19 km | 311.86 | | 52 m |

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.376 E

METAR

EGLL 071050Z AUTO 04006KT 340V100 9999 NCD 18/08 Q1022 NOSIG

TAF

TAF EGLL 070453Z 0706/0812 01004KT 9999 FEW045 PROB30 TEMPO 0706/0707 7000 PROB40 0801/0809 8000 BKN009

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 | 89.29 | | 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 | 269.35 | | 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 |