

EGLL

London Heathrow

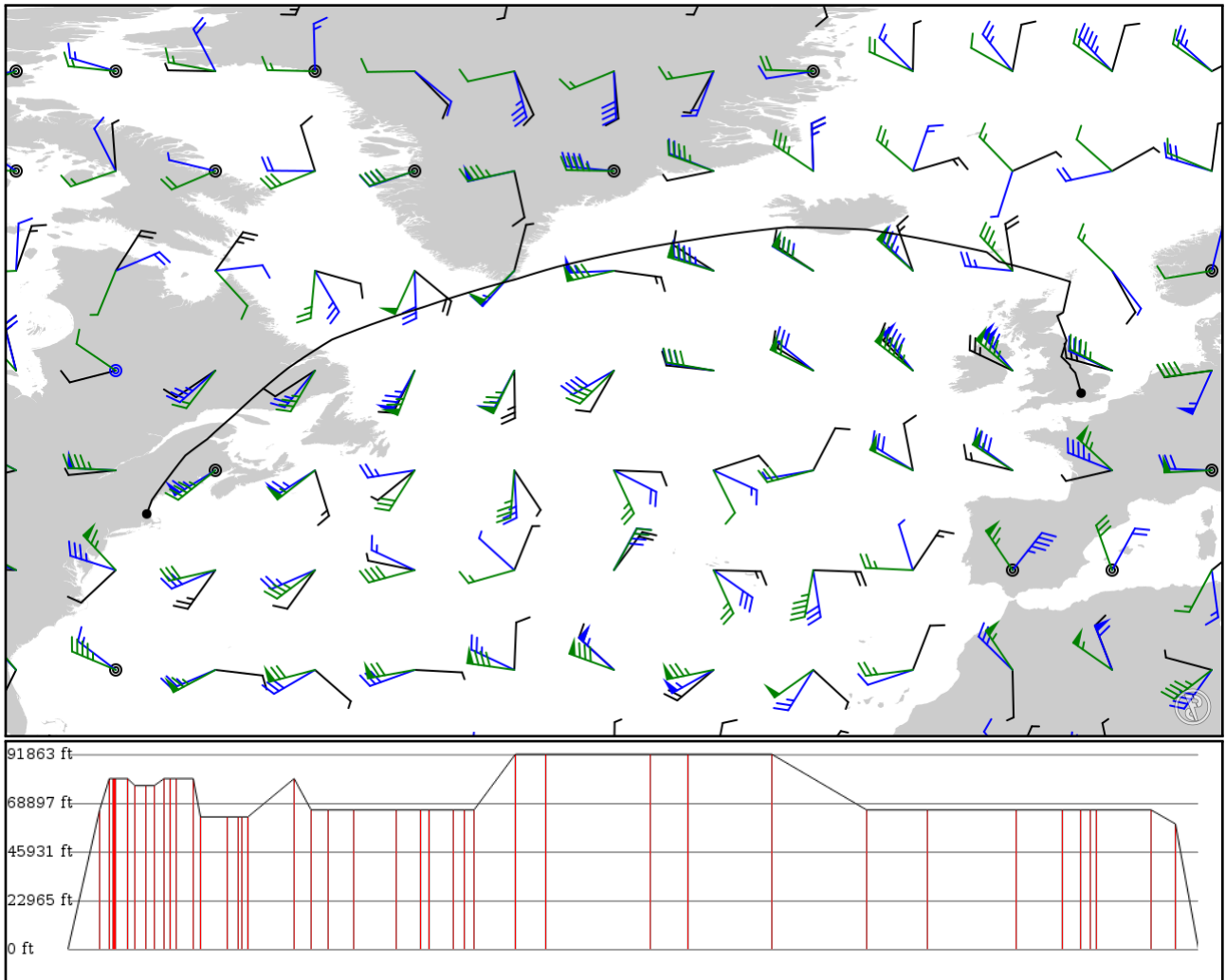
KBOS

Boston Logan Intl

2024/05/10 0058Z

EGLL BETAX **UL613** MAMUL **UM150** GASKO **UP18** ADN **W5D** SUM **UM125** SIDER **G11** MY **G3** KEF **5E20** YR **J564** PQI
J55 ENE KBOS

3290.39 nm / 6093.81 km



Notes

Basic altitude profile:

- Ascent Rate: 1800ft/min
- Ascent Speed: 230kts
- Cruise Altitude: 20000ft
- Cruise Speed: 300kts
- Descent Rate: 1200ft/min
- Descent Speed: 220kts

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|-----------------|-----------------------|----------------------|--------------|--------------------|
| EGLL APT | - | 51.47122 -0.46098 | 0 ft 0 m | - | London Heathrow |
| BETAX FIX | - | 53.00917 -0.90083 | 20,000 ft 6,096 m | 93 | - |
| MAMUL FIX | UL613 AWY-HI | 53.41806 -1.28000 | 24,500 ft 7,468 m | 28 | - |
| UPTON FIX | UM150 AWY-HI | 53.58694 -1.30083 | 24,500 ft 7,468 m | 10 | - |
| BATLI FIX | UM150 AWY-HI | 53.64583 -1.36028 | 24,500 ft 7,468 m | 4 | - |
| RIMTO FIX | UM150 AWY-HI | 53.71750 -1.43306 | 24,500 ft 7,468 m | 5 | - |
| RIPNO FIX | UM150 AWY-HI | 54.17667 -1.90556 | 24,500 ft 7,468 m | 32 | - |
| GASKO FIX | UM150 AWY-HI | 54.22472 -1.95583 | 24,500 ft 7,468 m | 3 | - |
| TILNI FIX | UP18 AWY-HI | 54.54750 -1.85500 | 23,500 ft 7,163 m | 19 | - |
| NEW VOR | UP18 AWY-HI | 55.03845 -1.69837 | 23,500 ft 7,163 m | 29 | NEWCASTLE VOR-DME |
| ALASO FIX | UP18 AWY-HI | 55.44722 -1.56500 | 23,500 ft 7,163 m | 24 | - |
| MADAD FIX | UP18 AWY-HI | 55.91306 -1.73389 | 24,500 ft 7,468 m | 28 | - |
| NEXUS FIX | UP18 AWY-HI | 56.21194 -1.84472 | 24,500 ft 7,468 m | 18 | - |
| BALID FIX | UP18 AWY-HI | 56.49694 -1.95194 | 24,500 ft 7,468 m | 17 | - |
| ADN VOR | UP18 AWY-HI | 57.31056 -2.26722 | 24,500 ft 7,468 m | 49 | ABERDEEN VOR-DME |
| SHD NDB | W5D AWY-LO | 57.55917 -1.81722 | 19,000 ft 5,791 m | 20 | SCOTSTOWN HEAD NDB |
| BEKET FIX | W5D AWY-LO | 58.88694 -1.52222 | 19,000 ft 5,791 m | 80 | - |
| GAVEL FIX | W5D AWY-LO | 59.38333 -1.40611 | 19,000 ft 5,791 m | 30 | - |
| MOCHA FIX | W5D AWY-LO | 59.54887 -1.36648 | 19,000 ft 5,791 m | 10 | - |
| SUM VOR | W5D AWY-LO | 59.87889 -1.28667 | 19,000 ft 5,791 m | 19 | SUMBURGH VOR-DME |
| SIDER FIX | UM125 AWY-HI | 61.00000 -5.14639 | 24,500 ft 7,468 m | 132 | - |
| AB NDB | G11 AWY-HI | 61.39528 -6.68111 | 20,000 ft 6,096 m | 50 | AKRABERG NDB |
| MY NDB | G11 AWY-HI | 62.10694 -7.58778 | 20,000 ft 6,096 m | 49 | MYGGENES NDB |
| LINDA FIX | G3 AWY-HI | 62.62167 -10.00000 | 20,000 ft 6,096 m | 73 | - |
| ROSTI FIX | G3 AWY-HI | 63.40639 -14.11222 | 20,000 ft 6,096 m | 121 | - |
| ING VOR | G3 AWY-HI | 63.80306 -16.63806 | 20,000 ft 6,096 m | 71 | INGO VOR-DME |
| MIKLA | G3 | 63.84833 | 20,000 ft | 24 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|--------------------------|
| FIX | AWY-HI | -17.57417 | 6,096 m | | |
| SKARD | G3 | 63.94278 | 20,000 ft | 69 | - |
| FIX | AWY-HI | -20.20500 | 6,096 m | | |
| METIL | G3 | 63.97194 | 20,000 ft | 34 | - |
| FIX | AWY-HI | -21.52611 | 6,096 m | | |
| KEF | G3 | 63.98681 | 20,000 ft | 28 | KEFLAVIK VORTAC |
| VOR | AWY-HI | -22.61450 | 6,096 m | | |
| EMBLA | 5E20 | 63.47000 | 28,000 ft | 120 | - |
| FIX | AWY-HI | -26.98167 | 8,534 m | | |
| 6330N | 5E20 | 63.00000 | 28,000 ft | 86 | - |
| FIX | AWY-HI | -30.00000 | 8,534 m | | |
| 6140N | 5E20 | 61.00000 | 28,000 ft | 306 | - |
| FIX | AWY-HI | -40.00000 | 8,534 m | | |
| OZN | 5E20 | 60.05722 | 28,000 ft | 109 | PRINS CHRISTIAN SUND NDB |
| NDB | AWY-HI | -43.15972 | 8,534 m | | |
| 5850N | 5E20 | 58.00000 | 28,000 ft | 244 | - |
| FIX | AWY-HI | -50.00000 | 8,534 m | | |
| LOACH | 5E20 | 55.51667 | 20,000 ft | 274 | - |
| FIX | AWY-HI | -57.01667 | 6,096 m | | |
| YR | 5E20 | 53.33833 | 20,000 ft | 175 | GOOSE NDB |
| NDB | AWY-HI | -60.36667 | 6,096 m | | |
| PN | J564 | 49.83756 | 20,000 ft | 258 | PORT MENIER NDB |
| NDB | AWY-HI | -64.38628 | 6,096 m | | |
| CL | J564 | 48.00889 | 20,000 ft | 136 | CHARLO NDB |
| NDB | AWY-HI | -66.43694 | 6,096 m | | |
| TAFFY | J564 | 47.37338 | 20,000 ft | 51 | - |
| FIX | AWY-HI | -67.30390 | 6,096 m | | |
| PQI19 | J564 | 47.00922 | 20,000 ft | 29 | - |
| FIX | AWY-HI | -67.78471 | 6,096 m | | |
| PQI | J564 | 46.77419 | 20,000 ft | 18 | PRESQUE ISLE VOR-DME |
| DME | AWY-HI | -68.09454 | 6,096 m | | |
| FRIAR | J55 | 44.44137 | 20,000 ft | 159 | - |
| FIX | AWY-HI | -69.88455 | 6,096 m | | |
| ENE | J55 | 43.42567 | 18,000 ft | 68 | KENNEBUNK VORTAC |
| VOR | AWY-HI | -70.61353 | 5,486 m | | |
| KBOS | - | 42.36306 | 0 ft | 66 | Boston Logan Intl |
| APT | - | -71.00696 | 0 m | | |

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.377 E

METAR

EGLL 100020Z AUTO 25002KT 9999 NCD 14/10 Q1024 NOSIG

TAF

TAF EGLL 092253Z 1000/1106 VRB02KT CAVOK PROB30 TEMPO 1104/1106 6000 BKN005

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 |

KBOS

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 6

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.287 W

METAR

KBOS 092354Z 09011KT 10SM BKN070 BKN110 BKN250 10/07 A2983 RMK A02 SLP101 T01000072 10133 20100 51023 \$

TAF

TAF KBOS 092320Z 1000/1106 08010KT P6SM SCT040 FM100800 07008KT P6SM -SHRA OVC035 FM101200 06010KT P6SM BKN050 FM

Frequencies

| | |
|---------------------------------------|-------------------------------------|
| REC - 135.00 MHz - D-ATIS | COM - 122.95 MHz - UNICOM |
| CLD - 121.65 MHz - CLEARANCE DELIVERY | GND - 121.75 MHz - BOSTON GROUND |
| GND - 121.90 MHz - BOSTON GROUND | TWR - 128.80 MHz - BOSTON TOWER |
| TWR - 124.72 MHz - BOSTON TOWER | TWR - 132.22 MHz - BOSTON TOWER |
| APP - 118.25 MHz - BOSTON APPROACH | APP - 120.60 MHz - BOSTON APPROACH |
| APP - 127.20 MHz - BOSTON APPROACH | DEP - 133.00 MHz - BOSTON DEPARTURE |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 15R | 148 ft | 10,092 ft | 135.27 | ASPHALT | 883 ft | 197 ft |
| | 45 m | 3,076 m | 149.56 | | 269 m | 60 m |
| 33L | 148 ft | 10,092 ft | 315.29 | ASPHALT | 0 ft | 167 ft |
| | 45 m | 3,076 m | 329.57 | | 0 m | 51 m |
| 04R | 148 ft | 10,012 ft | 19.69 | ASPHALT | 1,155 ft | 420 ft |
| | 45 m | 3,052 m | 33.97 | | 352 m | 128 m |
| 22L | 148 ft | 10,012 ft | 199.69 | ASPHALT | 1,201 ft | 200 ft |
| | 45 m | 3,052 m | 213.98 | | 366 m | 61 m |
| 04L | 148 ft | 7,871 ft | 19.66 | ASPHALT | 0 ft | 1,250 ft |
| | 45 m | 2,399 m | 33.94 | | 0 m | 381 m |
| 22R | 148 ft | 7,871 ft | 199.66 | ASPHALT | 820 ft | 200 ft |
| | 45 m | 2,399 m | 213.95 | | 250 m | 61 m |
| 09 | 148 ft | 7,008 ft | 76.51 | ASPHALT | 0 ft | 932 ft |
| | 45 m | 2,136 m | 90.80 | | 0 m | 284 m |
| 27 | 148 ft | 7,008 ft | 256.53 | ASPHALT | 0 ft | 161 ft |
| | 45 m | 2,136 m | 270.82 | | 0 m | 49 m |
| 14 | 98 ft | 5,005 ft | 125.76 | ASPHALT | 0 ft | 0 ft |
| | 30 m | 1,526 m | 140.05 | | 0 m | 0 m |
| 32 | 98 ft | 5,005 ft | 305.77 | ASPHALT | 0 ft | 801 ft |
| | 30 m | 1,526 m | 320.06 | | 0 m | 244 m |
| 15L | 98 ft | 2,558 ft | 135.31 | ASPHALT | 0 ft | 305 ft |
| | 30 m | 780 m | 149.59 | | 0 m | 93 m |
| 33R | 98 ft | 2,558 ft | 315.31 | ASPHALT | 0 ft | 59 ft |
| | 30 m | 780 m | 329.60 | | 0 m | 18 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 04R | DME | IBOS | 110.30 MHz | 18 nm | - | - | 35 ft |
| | | | | 33 km | - | | 35 m |
| 15R | DME | IMDC | 110.70 MHz | 18 nm | - | - | 27 ft |
| | | | | 33 km | - | | 27 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|----------------|-------------------------|-------|---------------|
| 22L | DME | ILQN | 110.30 MHz | 18 nm 33 km | - - | - | 35 ft 35 m |
| 27 | DME | IDGU | 111.30 MHz | 18 nm 33 km | - - | - | 28 ft 28 m |
| 33L | DME | ILIP | 110.70 MHz | 18 nm 33 km | - - | - | 19 ft 19 m |
| 04R | LOC-ILS | IBOS | 110.30 MHz | 18 nm 33 km | 19.68 33.97 | - | 20 ft 20 m |
| 15R | LOC-ILS | IMDC | 110.70 MHz | 18 nm 33 km | 135.28 149.57 | - | 20 ft 20 m |
| 22L | LOC-ILS | ILQN | 110.30 MHz | 18 nm 33 km | 199.68 213.97 | - | 20 ft 20 m |
| 27 | LOC-ILS | IDGU | 111.30 MHz | 18 nm 33 km | 256.52 270.81 | - | 20 ft 20 m |
| 33L | LOC-ILS | ILIP | 110.70 MHz | 18 nm 33 km | 315.28 329.57 | - | 20 ft 20 m |
| 04R | GS | IBOS | 110.30 MHz | 10 nm 19 km | 19.68 33.97 | 3.00 | 20 ft 20 m |
| 15R | GS | IMDC | 110.70 MHz | 10 nm 19 km | 135.28 149.57 | 3.00 | 20 ft 20 m |
| 22L | GS | ILQN | 110.30 MHz | 10 nm 19 km | 199.68 213.97 | 3.00 | 20 ft 20 m |
| 27 | GS | IDGU | 111.30 MHz | 10 nm 19 km | 256.52 270.81 | 3.00 | 20 ft 20 m |
| 33L | GS | ILIP | 110.70 MHz | 10 nm 19 km | 315.28 329.57 | 3.00 | 20 ft 20 m |