

KBOS

General Edward Lawrence Logan Intl

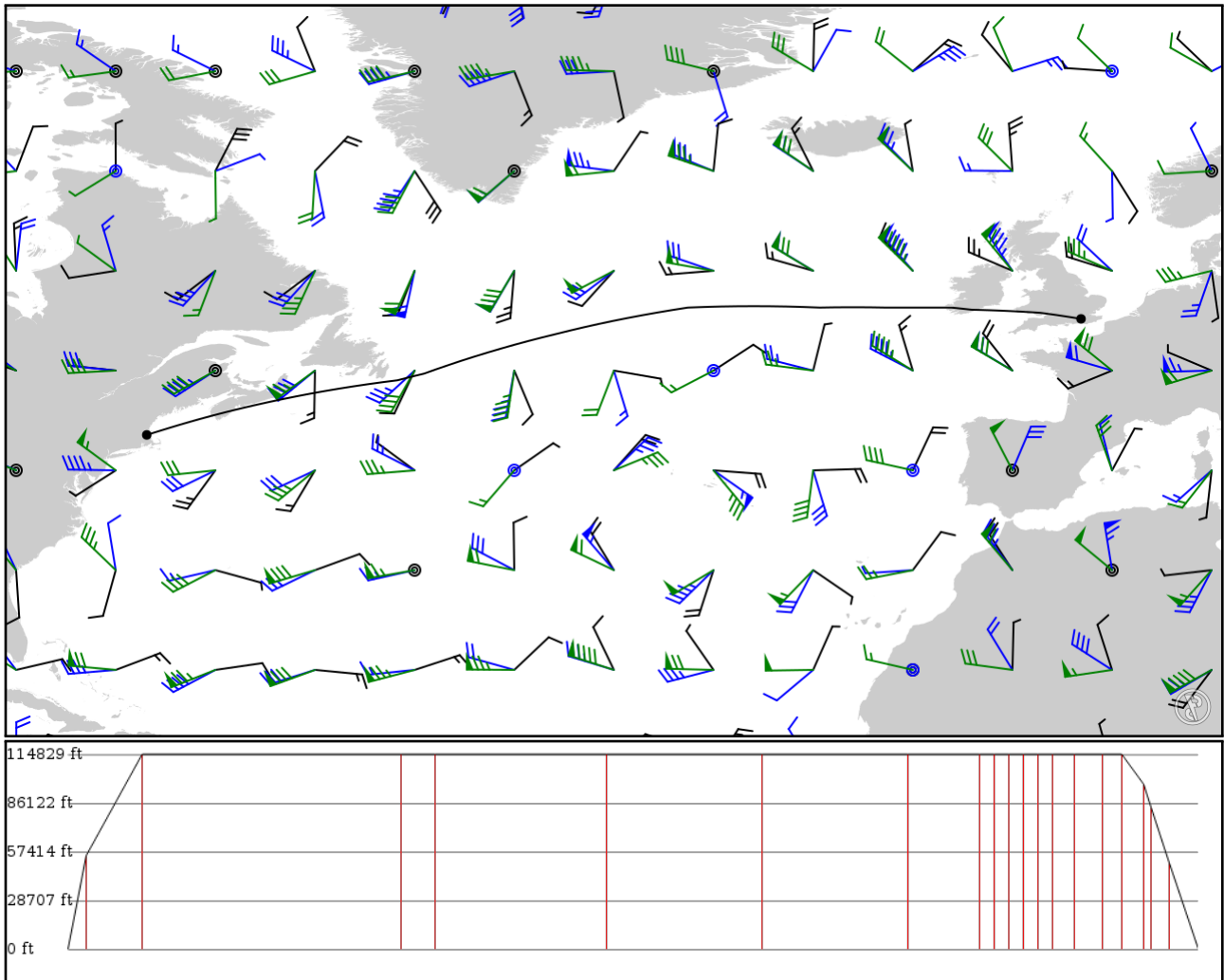
EGKK

London Gatwick

2024/06/04 0717Z

KBOS CANAL **J575** TUSKY **N145B** PORTI **W** XETBO 5200N01300W 5200N01200W 5200N01100W 5200N01000W CRK
EVRIN **UL607** NUMPO **UP2** OKESI EGKK

2879.13 nm / 5332.15 km



Notes

Using NAT tracks from 5/10/2023

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 |
|-----------------------|-----------------|-----------------------|-----------------------|--------------|------------------------------------|
| KBOS APT | - | 42.36300 -71.00680 | 0 ft 0 m | - | General Edward Lawrence Logan Intl |
| CANAL FIX | - | 42.66900 -70.02270 | 16,800 ft 5,121 m | 47 | - |
| TUSKY FIX | J575 AWY-HI | 43.56500 -67.00000 | 35,000 ft 10,668 m | 143 | - |
| PORTI FIX | N145B AWY-HI | 46.50000 -52.00000 | 35,000 ft 10,668 m | 659 | - |
| 47/50 LATLON | W NAT | 47.00000 -50.00000 | 35,000 ft 10,668 m | 87 | - |
| 50/40 LATLON | W NAT | 50.00000 -40.00000 | 35,000 ft 10,668 m | 436 | - |
| 52/30 LATLON | W NAT | 52.00000 -30.00000 | 35,000 ft 10,668 m | 396 | - |
| 52/20 LATLON | W NAT | 52.00000 -20.00000 | 35,000 ft 10,668 m | 369 | - |
| LIMRI FIX | W NAT | 52.00000 -15.00000 | 35,000 ft 10,668 m | 184 | - |
| XETBO FIX | W NAT | 52.00000 -14.00000 | 35,000 ft 10,668 m | 36 | - |
| 5200N01300W LATLON | - | 52.00000 -13.00000 | 35,000 ft 10,668 m | 36 | - |
| 5200N01200W LATLON | - | 52.00000 -12.00000 | 35,000 ft 10,668 m | 36 | - |
| 5200N01100W LATLON | - | 52.00000 -11.00000 | 35,000 ft 10,668 m | 36 | - |
| 5200N01000W LATLON | - | 52.00000 -10.00000 | 35,000 ft 10,668 m | 36 | - |
| CRK VOR | - | 51.84060 -8.49427 | 35,000 ft 10,668 m | 56 | CORK |
| EVRI FIX | - | 51.78220 -6.56333 | 35,000 ft 10,668 m | 71 | - |
| NEKAP FIX | UL607 AWY-HI | 51.72640 -5.29056 | 35,000 ft 10,668 m | 47 | - |
| ABDUK FIX | UL607 AWY-HI | 51.64280 -3.80028 | 29,600 ft 9,022 m | 55 | - |
| NUMPO FIX | UL607 AWY-HI | 51.61000 -3.28361 | 25,500 ft 7,772 m | 19 | - |
| OKESI FIX | UP2 AWY-HI | 51.44330 -2.06167 | 15,500 ft 4,724 m | 46 | - |
| EGKK APT | - | 51.14880 -0.19192 | 0 ft 0 m | 72 | London Gatwick |

KBOS

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

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.283 W

METAR

KBOS 040654Z 09004KT 10SM FEW100 14/13 A3002 RMK A02 SLP164 T01390128

TAF

TAF KBOS 040535Z 0406/0512 10006KT P6SM SCT100 FM041400 09010KT P6SM SCT250 FM050000 16007KT P6SM BKN250 FM050300

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 | 149.55 | | 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 | 213.94 | | 250 m | 61 m |
| 09 | 148 ft | 7,008 ft | 76.51 | ASPHALT | 0 ft | 932 ft |
| | 45 m | 2,136 m | 90.79 | | 0 m | 284 m |
| 27 | 148 ft | 7,008 ft | 256.53 | ASPHALT | 0 ft | 161 ft |
| | 45 m | 2,136 m | 270.81 | | 0 m | 49 m |
| 14 | 98 ft | 5,005 ft | 125.76 | ASPHALT | 0 ft | 0 ft |
| | 30 m | 1,526 m | 140.04 | | 0 m | 0 m |
| 32 | 98 ft | 5,005 ft | 305.77 | ASPHALT | 0 ft | 801 ft |
| | 30 m | 1,526 m | 320.05 | | 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 | 329.59 | | 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 33.96 | - | 20 ft 20 m |
| 15R | LOC-ILS | IMDC | 110.70 MHz | 18 nm 33 km | 135.28 149.56 | - | 20 ft 20 m |
| 22L | LOC-ILS | ILQN | 110.30 MHz | 18 nm 33 km | 199.68 213.96 | - | 20 ft 20 m |
| 27 | LOC-ILS | IDGU | 111.30 MHz | 18 nm 33 km | 256.52 270.80 | - | 20 ft 20 m |
| 33L | LOC-ILS | ILIP | 110.70 MHz | 18 nm 33 km | 315.28 329.56 | - | 20 ft 20 m |
| 04R | GS | IBOS | 110.30 MHz | 10 nm 19 km | 19.68 33.96 | 3.00 | 20 ft 20 m |
| 15R | GS | IMDC | 110.70 MHz | 10 nm 19 km | 135.28 149.56 | 3.00 | 20 ft 20 m |
| 22L | GS | ILQN | 110.30 MHz | 10 nm 19 km | 199.68 213.96 | 3.00 | 20 ft 20 m |
| 27 | GS | IDGU | 111.30 MHz | 10 nm 19 km | 256.52 270.80 | 3.00 | 20 ft 20 m |
| 33L | GS | ILIP | 110.70 MHz | 10 nm 19 km | 315.28 329.56 | 3.00 | 20 ft 20 m |

EGKK

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

Elevation: 187 ft / 57 m
Location: 51.148800 -0.191923
Magnetic Var: 0.505 E

METAR

EGKK 040650Z 21005KT 9999 BKN037 17/14 Q1013

TAF

TAF EGKK 040456Z 0406/0512 VRB02KT 9999 SCT035 BECMG 0406/0409 23012KT PROB40 TEMPO 0415/0421 6000 RA PROB30 TEMPO

Frequencies

| | |
|--|-------------------------------------|
| REC - 136.52 MHz - GATWICK INFORMATION | GND - 121.80 MHz - GATWICK GROUND |
| TWR - 124.22 MHz - GATWICK TOWER | TWR - 134.22 MHz - GATWICK TOWER |
| CLD - 121.95 MHz - GATWICK DELIVERY | APP - 118.95 MHz - GATWICK DIRECTOR |
| APP - 126.82 MHz - GATWICK DIRECTOR | APP - 129.02 MHz - GATWICK DIRECTOR |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 08R | 148 ft | 10,851 ft | 77.60 | ASPHALT | 1,289 ft | 0 ft |
| | 45 m | 3,308 m | 77.09 | | 393 m | 0 m |
| 26L | 148 ft | 10,851 ft | 257.63 | ASPHALT | 1,388 ft | 102 ft |
| | 45 m | 3,308 m | 257.13 | | 423 m | 31 m |
| 08L | 148 ft | 8,382 ft | 77.59 | ASPHALT | 1,047 ft | 0 ft |
| | 45 m | 2,555 m | 77.08 | | 319 m | 0 m |
| 26R | 148 ft | 8,382 ft | 257.61 | ASPHALT | 1,358 ft | 0 ft |
| | 45 m | 2,555 m | 257.11 | | 414 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 08R | DME | IGG | 110.90 MHz | 18 nm | - | - | 274 ft |
| | | | | 33 km | - | | 274 m |
| 26L | DME | IWW | 110.90 MHz | 18 nm | - | - | 274 ft |
| | | | | 33 km | - | | 274 m |
| 08R | LOC-ILS | IGG | 110.90 MHz | 18 nm | 77.62 | - | 187 ft |
| | | | | 33 km | 77.12 | | 187 m |
| 26L | LOC-ILS | IWW | 110.90 MHz | 18 nm | 257.62 | - | 187 ft |
| | | | | 33 km | 257.12 | | 187 m |
| 08R | GS | IGG | 110.90 MHz | 10 nm | 77.62 | 3.00 | 187 ft |
| | | | | 19 km | 77.12 | | 187 m |
| 26L | GS | IWW | 110.90 MHz | 10 nm | 257.62 | 3.00 | 187 ft |
| | | | | 19 km | 257.12 | | 187 m |