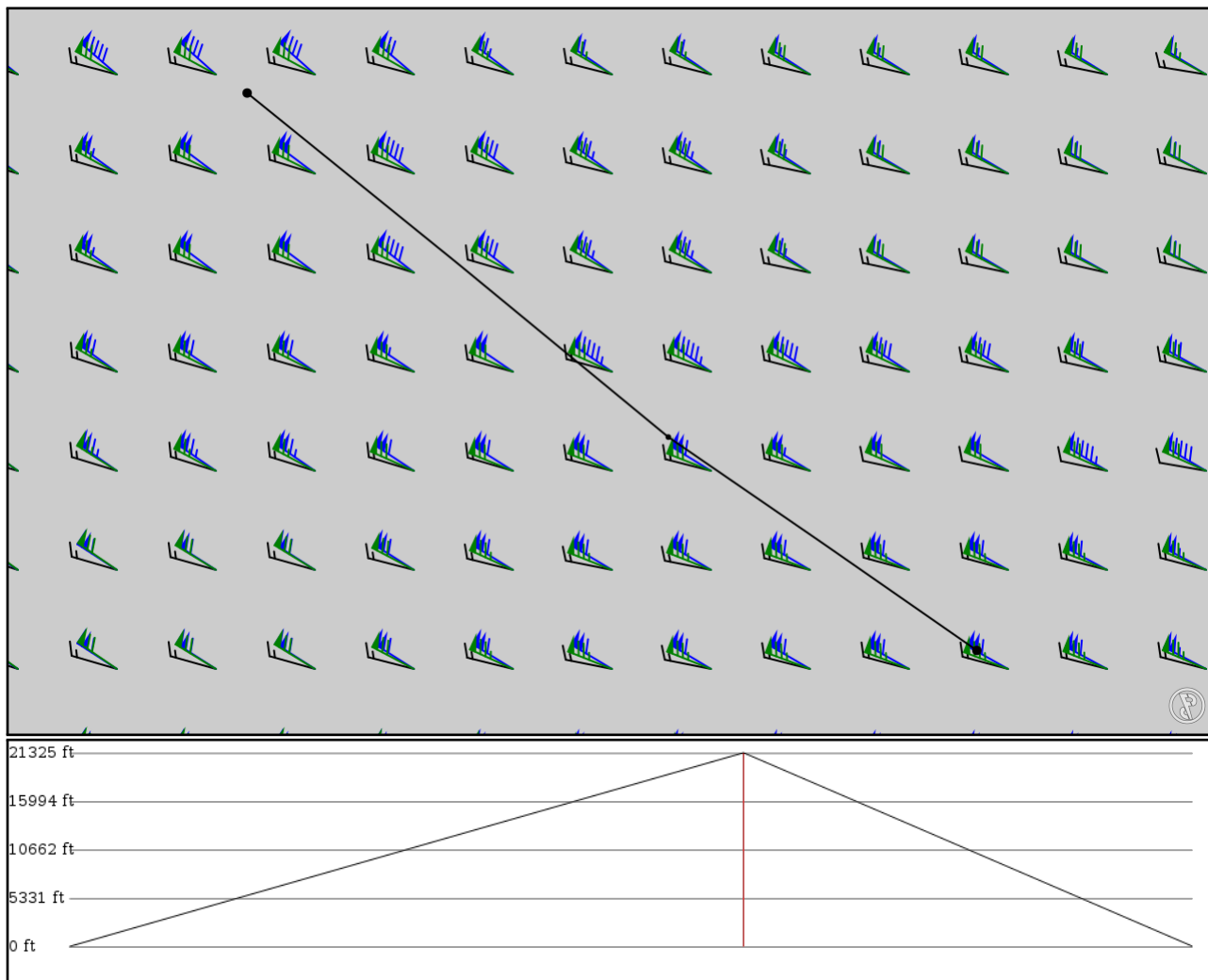


2024/06/16 0944Z

EGBB SILVA EGLL

75.95 nm / 140.66 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 10000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

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



## Route

| Ident<br>Type | Via | Lat<br>Lon | Alt      | Dist<br>(nm) | Name            |
|---------------|-----|------------|----------|--------------|-----------------|
| EGBB          | -   | 52.45430   | 0 ft     | -            | Birmingham      |
| APT           | -   | -1.74852   | 0 m      |              |                 |
| SILVA         | -   | 51.84750   | 6,500 ft | 45           | -               |
| FIX           | -   | -1.00528   | 1,981 m  |              |                 |
| EGLL          | -   | 51.47120   | 0 ft     | 30           | London Heathrow |
| APT           | -   | -0.46088   | 0 m      |              |                 |

## EGBB

Region: UNITED KINGDOM  
Timezone: EUROPE/LONDON  
Runways: 1

Elevation: 338 ft / 103 m  
Location: 52.454300 -1.748520  
Magnetic Var: 0.150 W

## METAR

EGBB 160920Z 31008KT 9999 BKN021 14/09 Q1001

## TAF

TAF EGBB 160459Z 1606/1706 27006KT 9999 SCT045 PROB40 TEMPO 1606/1609 BKN008 PROB30 TEMPO 1609/1618 7000 -SHRA PR

## Frequencies

APP - 118.05 MHz - BIRMINGHAM APPROACH  
GND - 121.80 MHz - BIRMINGHAM GROUND  
APP - 131.00 MHz - BIRMINGHAM DIRECTOR  
TWR - 118.30 MHz - BIRMINGHAM TOWER  
APP - 118.05 MHz - BIRMINGHAM RADAR  
REC - 136.02 MHz - BIRMINGHAM INFORMATION

## Runways

| Ident | Width  | Length   | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 15    | 148 ft | 9,999 ft | 145.88                  | ASPHALT | 922 ft              | 0 ft              |
|       | 45 m   | 3,048 m  | 146.03                  |         | 281 m               | 0 m               |
| 33    | 148 ft | 9,999 ft | 325.90                  | ASPHALT | 1,421 ft            | 0 ft              |
|       | 45 m   | 3,048 m  | 326.05                  |         | 433 m               | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 15     | DME     | IBIR  | 110.10 MHz | 18 nm | -                       | -     | 349 ft    |
|        |         |       |            | 33 km | -                       |       | 349 m     |
| 33     | DME     | IBM   | 110.10 MHz | 18 nm | -                       | -     | 327 ft    |
|        |         |       |            | 33 km | -                       |       | 327 m     |
| 15     | LOC-ILS | IBIR  | 110.10 MHz | 18 nm | 145.90                  | -     | 338 ft    |
|        |         |       |            | 33 km | 146.05                  |       | 338 m     |
| 33     | LOC-ILS | IBM   | 110.10 MHz | 18 nm | 325.90                  | -     | 338 ft    |
|        |         |       |            | 33 km | 326.05                  |       | 338 m     |
| 15     | GS      | IBIR  | 110.10 MHz | 10 nm | 145.90                  | 3.00  | 338 ft    |
|        |         |       |            | 19 km | 146.05                  |       | 338 m     |
| 33     | GS      | IBM   | 110.10 MHz | 10 nm | 325.90                  | 3.00  | 338 ft    |
|        |         |       |            | 19 km | 326.05                  |       | 338 m     |

## EGLL

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

Elevation: 83 ft / 25 m  
Location: 51.471200 -0.460881  
Magnetic Var: 0.392 E

## METAR

EGLL 160920Z AUTO 26013KT 9999 SCT027/// BKN032/// //CB 17/08 Q1001 NOSIG

## TAF

TAF EGLL 160455Z 1606/1712 22010KT 9999 SCT040 TEMPO 1606/1609 BKN014 PROB30 TEMPO 1606/1618 6000 SHRA

## 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)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 09L   | 164 ft | 12,770 ft | 89.66                   | ASPHALT | 1,007 ft            | 0 ft              |
|       | 50 m   | 3,892 m   | 89.27                   |         | 307 m               | 0 m               |
| 27R   | 164 ft | 12,770 ft | 269.70                  | ASPHALT | 0 ft                | 177 ft            |
|       | 50 m   | 3,892 m   | 269.31                  |         | 0 m                 | 54 m              |
| 09R   | 164 ft | 11,975 ft | 89.68                   | ASPHALT | 1,004 ft            | 0 ft              |
|       | 50 m   | 3,650 m   | 89.29                   |         | 306 m               | 0 m               |
| 27L   | 164 ft | 11,975 ft | 269.72                  | ASPHALT | 0 ft                | 95 ft             |
|       | 50 m   | 3,650 m   | 269.33                  |         | 0 m                 | 29 m              |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(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 | 89.29                   |       | 83 m      |
| 09R    | LOC-ILS | IBB   | 109.50 MHz | 18 nm | 89.70                   | -     | 83 ft     |
|        |         |       |            | 33 km | 89.31                   |       | 83 m      |
| 27L    | LOC-ILS | ILL   | 109.50 MHz | 18 nm | 269.70                  | -     | 83 ft     |
|        |         |       |            | 33 km | 269.31                  |       | 83 m      |
| 27R    | LOC-ILS | IRR   | 110.30 MHz | 18 nm | 269.68                  | -     | 83 ft     |
|        |         |       |            | 33 km | 269.29                  |       | 83 m      |
| 09L    | GS      | IAA   | 110.30 MHz | 10 nm | 89.68                   | 3.00  | 83 ft     |
|        |         |       |            | 19 km | 89.29                   |       | 83 m      |

| Runway | Type | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 09R    | GS   | IBB   | 109.50 MHz | 10 nm | 89.70                   | 3.00  | 83 ft     |
|        |      |       |            | 19 km | 89.31                   |       | 83 m      |
| 27L    | GS   | ILL   | 109.50 MHz | 10 nm | 269.70                  | 3.00  | 83 ft     |
|        |      |       |            | 19 km | 269.31                  |       | 83 m      |
| 27R    | GS   | IRR   | 110.30 MHz | 10 nm | 269.68                  | 3.00  | 83 ft     |
|        |      |       |            | 19 km | 269.29                  |       | 83 m      |