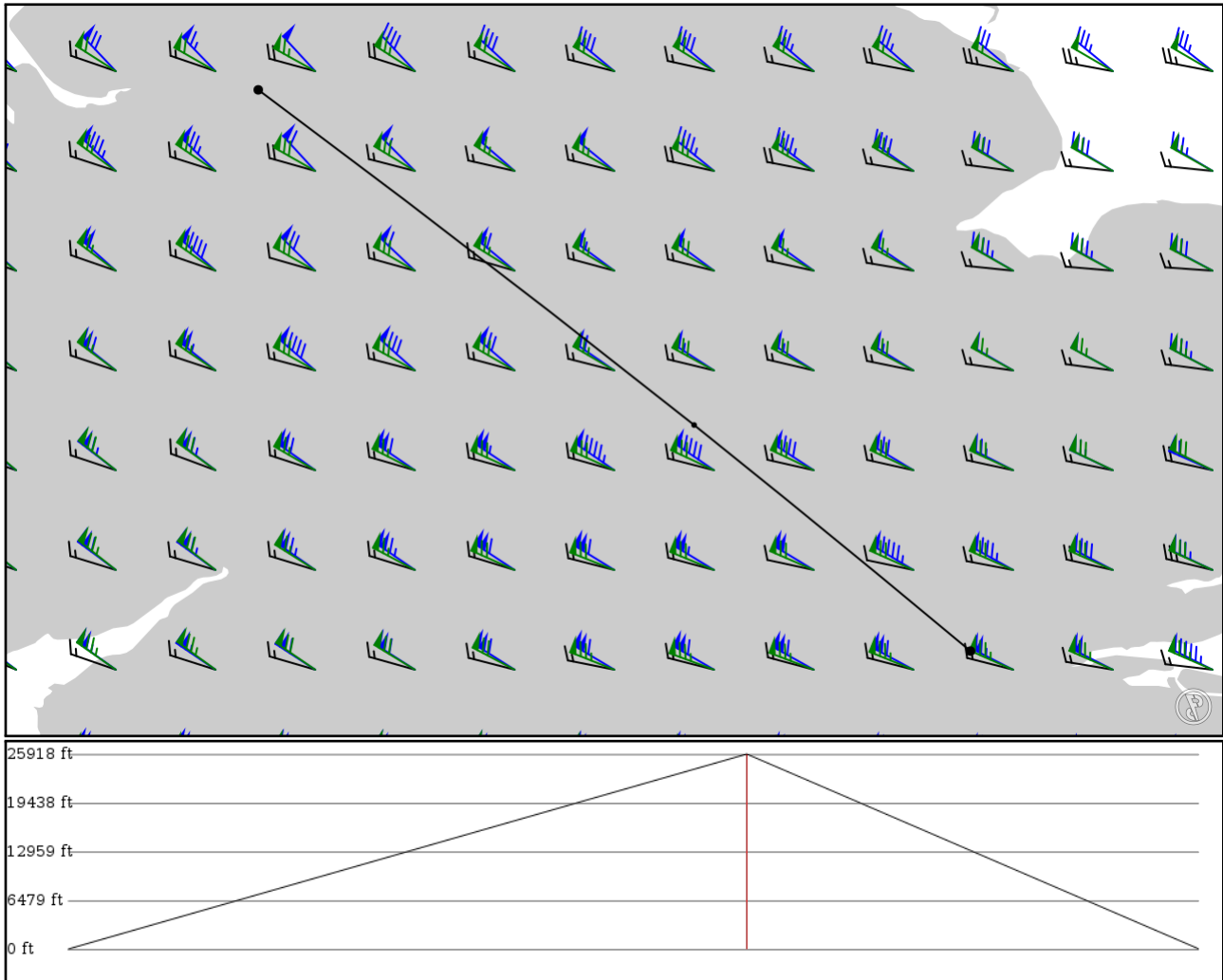


2024/05/02 2144Z

EGCC WELIN EGLC

139.90 nm / 259.09 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1000ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes



## Route

| Ident<br>Type | Via | Lat<br>Lon | Alt      | Dist<br>(nm) | Name        |
|---------------|-----|------------|----------|--------------|-------------|
| EGCC          | -   | 53.34740   | 0 ft     | -            | Manchester  |
| APT           | -   | -2.28348   | 0 m      |              |             |
| WELIN         | -   | 52.24720   | 7,900 ft | 84           | -           |
| FIX           | -   | -0.85222   | 2,408 m  |              |             |
| EGLC          | -   | 51.50520   | 0 ft     | 55           | London City |
| APT           | -   | 0.05518    | 0 m      |              |             |

## EGCC

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

Elevation: 257 ft / 78 m  
Location: 53.347400 -2.283480  
Magnetic Var: 0.462 W

## METAR

EGCC 022120Z AUTO 06009KT 9999 NCD 12/09 Q1005 NOSIG

## TAF

TAF EGCC 021704Z 0218/0324 06008KT 9999 FEW045 PROB40 TEMPO 0220/0306 BKN012 TEMPO 0306/0324 6000 RA SHRA BKN008 F

## Frequencies

|  |  |
|--|--|
| REC - 113.55 MHz - ATIS ARRIVAL        | REC - 121.90 MHz - ATIS DEPARTURE      |
| TWR - 119.40 MHz - MANCHESTER TOWER    | TWR - 118.60 MHz - MANCHESTER TOWER    |
| GND - 121.85 MHz - MANCHESTER GROUND   | GND - 121.75 MHz - MANCHESTER GROUND   |
| CLD - 121.70 MHz - CLEARANCE DELIVERY  | APP - 135.00 MHz - MANCHESTER APPROACH |
| APP - 118.50 MHz - MANCHESTER APPROACH | APP - 121.35 MHz - MANCHESTER DIRECT   |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 05L   | 151 ft | 9,980 ft  | 51.00                   | ASPHALT | 1,401 ft            | 0 ft              |
|       | 46 m   | 3,042 m   | 51.46                   |         | 427 m               | 0 m               |
| 23R   | 151 ft | 9,980 ft  | 231.03                  | ASPHALT | 597 ft              | 200 ft            |
|       | 46 m   | 3,042 m   | 231.49                  |         | 182 m               | 61 m              |
| 05R   | 144 ft | 10,519 ft | 50.98                   | ASPHALT | 0 ft                | 0 ft              |
|       | 44 m   | 3,206 m   | 51.44                   |         | 0 m                 | 0 m               |
| 23L   | 144 ft | 10,519 ft | 231.00                  | ASPHALT | 1,093 ft            | 0 ft              |
|       | 44 m   | 3,206 m   | 231.47                  |         | 333 m               | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 05L    | DME     | IMM   | 109.50 MHz | 18 nm | -                       | -     | 294 ft    |
|        |         |       |            | 33 km | -                       |       | 294 m     |
| 05R    | DME     | IMC   | 111.55 MHz | 18 nm | -                       | -     | 212 ft    |
|        |         |       |            | 33 km | -                       |       | 212 m     |
| 23R    | DME     | INN   | 109.50 MHz | 18 nm | -                       | -     | 294 ft    |
|        |         |       |            | 33 km | -                       |       | 294 m     |
| 05L    | LOC-ILS | IMM   | 109.50 MHz | 18 nm | 51.03                   | -     | 257 ft    |
|        |         |       |            | 33 km | 51.49                   |       | 257 m     |
| 05R    | LOC-ILS | IMC   | 111.55 MHz | 18 nm | 51.01                   | -     | 257 ft    |
|        |         |       |            | 33 km | 51.47                   |       | 257 m     |
| 23R    | LOC-ILS | INN   | 109.50 MHz | 18 nm | 230.98                  | -     | 257 ft    |
|        |         |       |            | 33 km | 231.44                  |       | 257 m     |
| 05L    | GS      | IMM   | 109.50 MHz | 10 nm | 51.01                   | 3.00  | 257 ft    |
|        |         |       |            | 19 km | 51.47                   |       | 257 m     |
| 05R    | GS      | IMC   | 111.55 MHz | 10 nm | 51.97                   | 3.00  | 257 ft    |
|        |         |       |            | 19 km | 52.43                   |       | 257 m     |
| 23R    | GS      | INN   | 109.50 MHz | 10 nm | 231.01                  | 3.00  | 257 ft    |
|        |         |       |            | 19 km | 231.47                  |       | 257 m     |

## EGLC

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

Elevation: 19 ft / 6 m  
Location: 51.505200 0.055176  
Magnetic Var: 0.545 E

## METAR

EGLC 022120Z AUTO 25012KT 5000 -RADZ BKN010/// OVC015/// //////CB 12/10 Q1005

## TAF

UNKNOWN

## Frequencies

APP - 132.70 MHz - THAMES RADAR  
GND - 121.82 MHz - CITY GROUND  
TWR - 129.45 MHz - CITY TOWER

REC - 136.35 MHz - CITY ATIS  
TWR - 118.07 MHz - CITY TOWER

## Runways

| Ident | Width | Length   | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|-------|----------|-------------------------|---------|---------------------|-------------------|
| 09    | 98 ft | 4,916 ft | 92.88                   | ASPHALT | 315 ft              | 190 ft            |
|       | 30 m  | 1,498 m  | 92.34                   |         | 96 m                | 58 m              |
| 27    | 98 ft | 4,916 ft | 272.90                  | ASPHALT | 230 ft              | 302 ft            |
|       | 30 m  | 1,498 m  | 272.36                  |         | 70 m                | 92 m              |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 09     | DME     | ILST  | 111.15 MHz | 18 nm | -                       | -     | 48 ft     |
|        |         |       |            | 33 km | -                       |       | 48 m      |
| 27     | DME     | ILSR  | 111.15 MHz | 18 nm | -                       | -     | 48 ft     |
|        |         |       |            | 33 km | -                       |       | 48 m      |
| 09     | LOC-ILS | ILST  | 111.15 MHz | 18 nm | 92.89                   | -     | 19 ft     |
|        |         |       |            | 33 km | 92.34                   |       | 19 m      |
| 27     | LOC-ILS | ILSR  | 111.15 MHz | 18 nm | 272.89                  | -     | 19 ft     |
|        |         |       |            | 33 km | 272.34                  |       | 19 m      |
| 09     | GS      | ILST  | 111.15 MHz | 10 nm | 92.89                   | 5.50  | 19 ft     |
|        |         |       |            | 19 km | 92.34                   |       | 19 m      |
| 27     | GS      | ILSR  | 111.15 MHz | 10 nm | 272.89                  | 5.50  | 19 ft     |
|        |         |       |            | 19 km | 272.34                  |       | 19 m      |