

# LEBL

Barcelona - El Prat

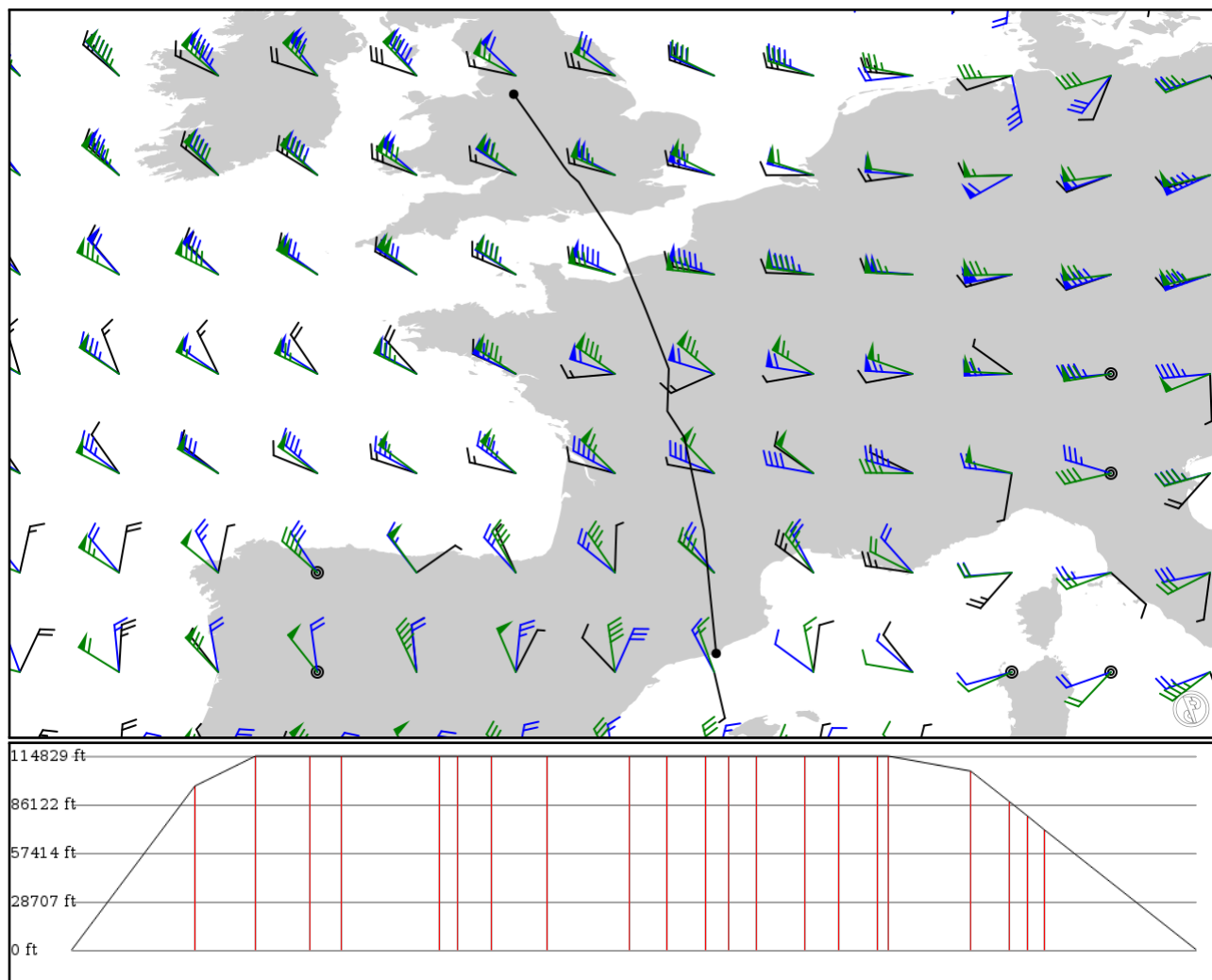
# EGCC

Manchester Intl

2024/06/07 1729Z

LEBL ROCAN UN727 LOMRA UN859 AMB A34 VANAD UN859 BENAR A34 LGL UN859 DVL A34 DRAKE UA34 MID N615  
COWLY UN615 PEKOX EGCC

752.28 nm / 1393.23 km



## Notes

Basic altitude profile:

- Ascent Rate: 3200ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 345kts
- Descent Rate: 1500ft/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                           |
|---------------|--------|------------|-----------|--------------|--------------------------------|
| LEBL          | -      | 41.29511   | 0 ft      | -            | Barcelona - El Prat            |
| APT           | -      | 2.08803    | 0 m       | -            |                                |
| ROCAN         | -      | 42.67333   | 29,600 ft | 83           | -                              |
| FIX           | -      | 1.94667    | 9,022 m   | -            |                                |
| LOMRA         | UN727  | 43.34417   | 35,000 ft | 40           | -                              |
| FIX           | AWY-HI | 1.88306    | 10,668 m  | -            |                                |
| GAI           | UN859  | 43.95406   | 35,000 ft | 36           | GAILLAC-Castelneau de Montmira |
| VOR           | AWY-HI | 1.82417    | 10,668 m  | -            |                                |
| NARAK         | UN859  | 44.29528   | 35,000 ft | 20           | -                              |
| FIX           | AWY-HI | 1.74889    | 10,668 m  | -            |                                |
| TUGLI         | UN859  | 45.37722   | 35,000 ft | 65           | -                              |
| FIX           | AWY-HI | 1.52444    | 10,668 m  | -            |                                |
| OBUBA         | UN859  | 45.57944   | 35,000 ft | 12           | -                              |
| FIX           | AWY-HI | 1.47972    | 10,668 m  | -            |                                |
| BEBIX         | UN859  | 45.94917   | 35,000 ft | 22           | -                              |
| FIX           | AWY-HI | 1.39972    | 10,668 m  | -            |                                |
| BALAN         | UN859  | 46.51611   | 35,000 ft | 37           | -                              |
| FIX           | AWY-HI | 1.03333    | 10,668 m  | -            |                                |
| AMB           | UN859  | 47.42892   | 35,000 ft | 54           | AMBOISE VOR-DME                |
| VOR           | AWY-HI | 1.06444    | 10,668 m  | -            |                                |
| VANAD         | A34    | 47.83722   | 35,000 ft | 25           | -                              |
| FIX           | AWY-LO | 0.90722    | 10,668 m  | -            |                                |
| BENAR         | UN859  | 48.25306   | 35,000 ft | 25           | -                              |
| FIX           | AWY-HI | 0.74444    | 10,668 m  | -            |                                |
| BOBSA         | A34    | 48.49583   | 35,000 ft | 15           | -                              |
| FIX           | AWY-LO | 0.64833    | 10,668 m  | -            |                                |
| LGL           | A34    | 48.79061   | 35,000 ft | 18           | L AIGLE VOR                    |
| VOR           | AWY-LO | 0.53028    | 10,668 m  | -            |                                |
| DVL           | UN859  | 49.31075   | 35,000 ft | 32           | DEAUVILLE SAINT GATIEN VOR     |
| VOR           | AWY-HI | 0.31272    | 10,668 m  | -            |                                |
| ETRAT         | A34    | 49.68333   | 35,000 ft | 23           | -                              |
| FIX           | AWY-LO | 0.16333    | 10,668 m  | -            |                                |
| SITET         | A34    | 50.10000   | 35,000 ft | 25           | -                              |
| FIX           | AWY-LO | 0.00000    | 10,668 m  | -            |                                |
| DRAKE         | A34    | 50.20944   | 35,000 ft | 7            | -                              |
| FIX           | AWY-LO | -0.07611   | 10,668 m  | -            |                                |
| MID           | UA34   | 51.05389   | 32,300 ft | 54           | MIDHURST VOR-DME               |
| VOR           | AWY-HI | -0.62500   | 9,845 m   | -            |                                |
| WOD           | N615   | 51.45278   | 26,800 ft | 25           | WOODLEY NDB                    |
| NDB           | AWY-LO | -0.87889   | 8,169 m   | -            |                                |
| COWLY         | N615   | 51.61611   | 24,200 ft | 12           | -                              |
| FIX           | AWY-LO | -1.06500   | 7,376 m   | -            |                                |
| PEKOX         | UN615  | 51.79111   | 21,700 ft | 11           | -                              |
| FIX           | AWY-HI | -1.20444   | 6,614 m   | -            |                                |
| EGCC          | -      | 53.34714   | 0 ft      | 101          | Manchester Intl                |
| APT           | -      | -2.28395   | 0 m       | -            |                                |

## LEBL

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 3

Elevation: 14 ft / 4 m  
Location: 41.295100 2.088030  
Magnetic Var: 1.550 E

## METAR

LEBL 071700Z 06014KT CAVOK 23/18 Q1016 NOSIG

## TAF

TAF LEBL 071100Z 0712/0812 10007KT CAVOK TX27/0712Z TN21/0806Z BECMG 0718/0720 04007KT BECMG 0804/0806 05013KT PR

## Frequencies

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| REC - 121.97 MHz - ATIS               | REC - 118.65 MHz - ATIS               |
| TWR - 118.32 MHz - BARCELONA TOWER    | TWR - 118.10 MHz - BARCELONA TOWER    |
| TWR - 122.82 MHz - BARCELONA TOWER    | TWR - 122.10 MHz - BARCELONA TOWER    |
| GND - 122.22 MHz - BARCELONA GROUND   | GND - 121.70 MHz - BARCELONA GROUND   |
| GND - 121.65 MHz - BARCELONA GROUND   | CLD - 121.80 MHz - CLEARANCE DELIVERY |
| APP - 121.15 MHz - BARCELONA APPROACH | APP - 119.10 MHz - BARCELONA APPROACH |
| APP - 135.27 MHz - BARCELONA APPROACH | APP - 133.97 MHz - BARCELONA APPROACH |
| APP - 131.12 MHz - BARCELONA APPROACH | APP - 127.70 MHz - BARCELONA APPROACH |
| APP - 126.50 MHz - BARCELONA APPROACH | APP - 124.70 MHz - BARCELONA APPROACH |
| APP - 125.25 MHz - BARCELONA APPROACH |                                       |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 02    | 148 ft | 8,307 ft  | 18.91                   | ASPHALT | 0 ft                | 0 ft              |
|       | 45 m   | 2,532 m   | 17.36                   |         | 0 m                 | 0 m               |
| 20    | 148 ft | 8,307 ft  | 198.92                  | ASPHALT | 0 ft                | 226 ft            |
|       | 45 m   | 2,532 m   | 197.37                  |         | 0 m                 | 69 m              |
| 07R   | 197 ft | 8,722 ft  | 65.48                   | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 2,658 m   | 63.93                   |         | 0 m                 | 0 m               |
| 25L   | 197 ft | 8,722 ft  | 245.50                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 2,658 m   | 243.95                  |         | 0 m                 | 0 m               |
| 07L   | 197 ft | 10,984 ft | 65.48                   | ASPHALT | 1,401 ft            | 0 ft              |
|       | 60 m   | 3,348 m   | 63.93                   |         | 427 m               | 0 m               |
| 25R   | 197 ft | 10,984 ft | 245.50                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,348 m   | 243.96                  |         | 0 m                 | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 02     | DME     | BLT   | 108.75 MHz | 25 nm | -                       | -     | 12 ft     |
|        |         |       |            | 46 km | -                       |       | 12 m      |
| 07L    | DME     | QAA   | 110.30 MHz | 18 nm | -                       | -     | 13 ft     |
|        |         |       |            | 33 km | -                       |       | 13 m      |
| 07R    | DME     | BLE   | 110.75 MHz | 18 nm | -                       | -     | 30 ft     |
|        |         |       |            | 33 km | -                       |       | 30 m      |
| 25L    | DME     | BLW   | 111.50 MHz | 18 nm | -                       | -     | 14 ft     |
|        |         |       |            | 33 km | -                       |       | 14 m      |
| 25R    | DME     | BCA   | 109.50 MHz | 18 nm | -                       | -     | 30 ft     |
|        |         |       |            | 33 km | -                       |       | 30 m      |
| 02     | LOC-ILS | BLT   | 108.75 MHz | 18 nm | 18.92                   | -     | 14 ft     |
|        |         |       |            | 33 km | 17.37                   |       | 14 m      |

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 07L    | LOC-ILS | QAA   | 110.30 MHz | 18 nm | 65.50                   | -     | 14 ft     |
|        |         |       |            | 33 km | 63.95                   |       | 14 m      |
| 07R    | LOC-ILS | BLE   | 110.75 MHz | 18 nm | 65.50                   | -     | 14 ft     |
|        |         |       |            | 33 km | 63.95                   |       | 14 m      |
| 25L    | LOC-ILS | BLW   | 111.50 MHz | 18 nm | 245.50                  | -     | 14 ft     |
|        |         |       |            | 33 km | 243.95                  |       | 14 m      |
| 25R    | LOC-ILS | BCA   | 109.50 MHz | 18 nm | 245.50                  | -     | 14 ft     |
|        |         |       |            | 33 km | 243.95                  |       | 14 m      |
| 02     | GS      | BLT   | 108.75 MHz | 10 nm | 18.92                   | 3.00  | 14 ft     |
|        |         |       |            | 19 km | 17.37                   |       | 14 m      |
| 07L    | GS      | QAA   | 110.30 MHz | 10 nm | 65.50                   | 3.00  | 14 ft     |
|        |         |       |            | 19 km | 63.95                   |       | 14 m      |
| 07R    | GS      | BLE   | 110.75 MHz | 10 nm | 65.50                   | 3.00  | 14 ft     |
|        |         |       |            | 19 km | 63.95                   |       | 14 m      |
| 25L    | GS      | BLW   | 111.50 MHz | 10 nm | 245.50                  | 3.00  | 14 ft     |
|        |         |       |            | 19 km | 243.95                  |       | 14 m      |
| 25R    | GS      | BCA   | 109.50 MHz | 10 nm | 245.50                  | 3.00  | 14 ft     |
|        |         |       |            | 19 km | 243.95                  |       | 14 m      |

## EGCC

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

Elevation: 257 ft / 78 m  
Location: 53.347400 -2.283480  
Magnetic Var: 0.446 W

## METAR

EGCC 071650Z AUTO 26012KT 9999 SCT036 BKN045 16/08 Q1014

## TAF

TAF EGCC 071057Z 0712/0818 25010KT 9999 SCT035 TEMPO 0712/0724 6000 SHRA RA PROB30 TEMPO 0719/0724 BKN012 PROB30 T

## 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   | 51.44                   |         | 427 m               | 0 m               |
| 23R   | 151 ft | 9,980 ft  | 231.03                  | ASPHALT | 597 ft              | 200 ft            |
|       | 46 m   | 3,042 m   | 231.47                  |         | 182 m               | 61 m              |
| 05R   | 144 ft | 10,519 ft | 50.98                   | ASPHALT | 0 ft                | 0 ft              |
|       | 44 m   | 3,206 m   | 51.42                   |         | 0 m                 | 0 m               |
| 23L   | 144 ft | 10,519 ft | 231.00                  | ASPHALT | 1,093 ft            | 0 ft              |
|       | 44 m   | 3,206 m   | 231.45                  |         | 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 | 51.48                   |       | 257 m     |
| 05R    | LOC-ILS | IMC   | 111.55 MHz | 18 nm | 51.01                   | -     | 257 ft    |
|        |         |       |            | 33 km | 51.45                   |       | 257 m     |
| 23R    | LOC-ILS | INN   | 109.50 MHz | 18 nm | 230.98                  | -     | 257 ft    |
|        |         |       |            | 33 km | 231.42                  |       | 257 m     |
| 05L    | GS      | IMM   | 109.50 MHz | 10 nm | 51.01                   | 3.00  | 257 ft    |
|        |         |       |            | 19 km | 51.46                   |       | 257 m     |
| 05R    | GS      | IMC   | 111.55 MHz | 10 nm | 51.97                   | 3.00  | 257 ft    |
|        |         |       |            | 19 km | 52.42                   |       | 257 m     |
| 23R    | GS      | INN   | 109.50 MHz | 10 nm | 231.01                  | 3.00  | 257 ft    |
|        |         |       |            | 19 km | 231.46                  |       | 257 m     |