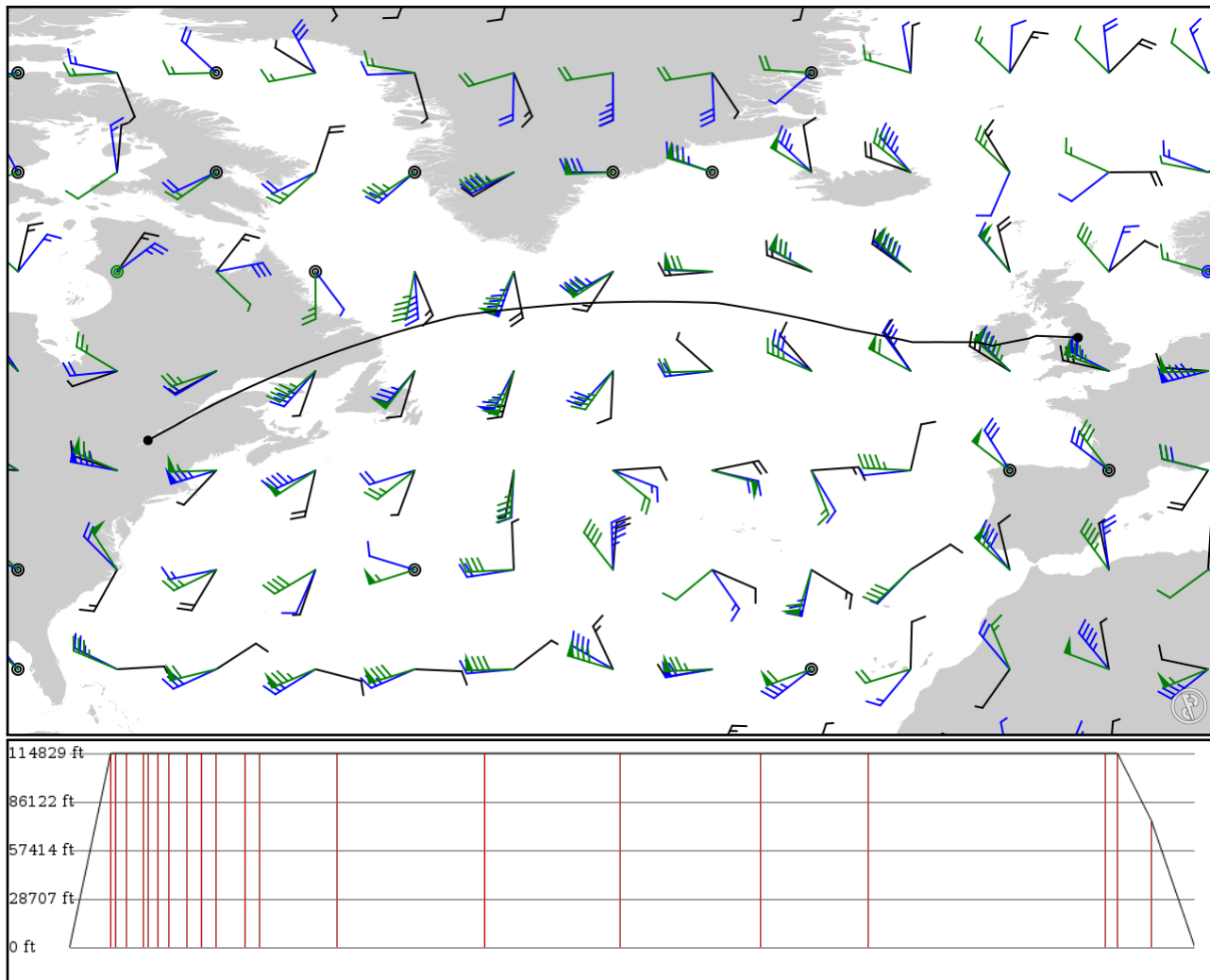


2024/05/17 1113Z

EGCC IDEXA LIFFY **W10** KLY **W12** SHA 5300N01000W 5300N01100W 5300N01200W GISTI MALOT **F** LOMSI **N520A**
YRI **V316** MIVAX **Q812** PENTU CYUL

2773.16 nm / 5135.89 km



Notes

Using NAT tracks from 14/2/2023

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 |
|---------------|--------|------------|-----------|--------------|-------------------------------------|
| EGCC | - | 53.34740 | 0 ft | - | Manchester |
| APT | - | -2.28348 | 0 m | | |
| IDEXA | - | 53.47060 | 35,000 ft | 103 | - |
| FIX | - | -5.16417 | 10,668 m | | |
| LIFFY | - | 53.48010 | 35,000 ft | 12 | - |
| FIX | - | -5.50000 | 10,668 m | | |
| KLY | W10 | 53.26960 | 35,000 ft | 25 | KILLINEY |
| NDB | AWY-LO | -6.10644 | 10,668 m | | |
| OSGAR | W12 | 53.04940 | 35,000 ft | 43 | - |
| FIX | AWY-LO | -7.27022 | 10,668 m | | |
| TORLU | W12 | 52.98780 | 35,000 ft | 11 | - |
| FIX | AWY-LO | -7.58306 | 10,668 m | | |
| TOMTO | W12 | 52.87360 | 35,000 ft | 21 | - |
| FIX | AWY-LO | -8.15144 | 10,668 m | | |
| SHA | W12 | 52.72100 | 35,000 ft | 28 | SHANNON |
| VOR | AWY-LO | -8.88522 | 10,668 m | | |
| 5300N01000W | - | 53.00000 | 35,000 ft | 43 | - |
| LATLON | - | -10.00000 | 10,668 m | | |
| 5300N01100W | - | 53.00000 | 35,000 ft | 36 | - |
| LATLON | - | -11.00000 | 10,668 m | | |
| 5300N01200W | - | 53.00000 | 35,000 ft | 36 | - |
| LATLON | - | -12.00000 | 10,668 m | | |
| GISTI | - | 53.00000 | 35,000 ft | 72 | - |
| FIX | - | -14.00000 | 10,668 m | | |
| MALOT | - | 53.00000 | 35,000 ft | 36 | - |
| FIX | - | -15.00000 | 10,668 m | | |
| 54/20 | F | 54.00000 | 35,000 ft | 188 | - |
| LATLON | NAT | -20.00000 | 10,668 m | | |
| 56/30 | F | 56.00000 | 35,000 ft | 364 | - |
| LATLON | NAT | -30.00000 | 10,668 m | | |
| 56/40 | F | 56.00000 | 35,000 ft | 335 | - |
| LATLON | NAT | -40.00000 | 10,668 m | | |
| 55/50 | F | 55.00000 | 35,000 ft | 345 | - |
| LATLON | NAT | -50.00000 | 10,668 m | | |
| LOMSI | F | 53.10000 | 35,000 ft | 264 | - |
| FIX | NAT | -56.78330 | 10,668 m | | |
| YRI | N520A | 47.75650 | 35,000 ft | 584 | RIVIERE DU LOUP |
| VOR | AWY-HI | -69.58870 | 10,668 m | | |
| MIVAX | V316 | 47.43930 | 35,000 ft | 29 | - |
| FIX | AWY-LO | -70.15940 | 10,668 m | | |
| PENTU | Q812 | 46.56220 | 22,900 ft | 82 | - |
| FIX | AWY-HI | -71.72170 | 6,980 m | | |
| CYUL | - | 45.46750 | 0 ft | 106 | Montreal-Pierre Elliot Trudeau Intl |
| APT | - | -73.74380 | 0 m | | |

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.455 W

METAR

EGCC 171050Z 21004KT 130V290 9999 SCT026 SCT036 18/12 Q1010

TAF

TAF AMD EGCC 170726Z 1707/1812 VRB04KT 9999 SCT020 TEMPO 1707/1711 BKN012 PROB30 TEMPO 1707/1708 3000 -DZ BR BKN00

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) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 05L | 151 ft | 9,980 ft | 51.00 | ASPHALT | 1,401 ft | 0 ft |
| | 46 m | 3,042 m | 51.45 | | 427 m | 0 m |
| 23R | 151 ft | 9,980 ft | 231.03 | ASPHALT | 597 ft | 200 ft |
| | 46 m | 3,042 m | 231.48 | | 182 m | 61 m |
| 05R | 144 ft | 10,519 ft | 50.98 | ASPHALT | 0 ft | 0 ft |
| | 44 m | 3,206 m | 51.43 | | 0 m | 0 m |
| 23L | 144 ft | 10,519 ft | 231.00 | ASPHALT | 1,093 ft | 0 ft |
| | 44 m | 3,206 m | 231.46 | | 333 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (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 | 51.46 | | 257 m |
| 23R | LOC-ILS | INN | 109.50 MHz | 18 nm | 230.98 | - | 257 ft |
| | | | | 33 km | 231.43 | | 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 |

CYUL

Region: CANADA
Timezone: AMERICA/MONTREAL
Runways: 3

Elevation: 118 ft / 36 m
Location: 45.467500 -73.743800
Magnetic Var: 13.896 W

METAR

CYUL 171100Z 04005KT 30SM FEW060 BKN120 OVC250 16/14 A2998 RMK SC1AC7CI1 SC TR SLP153

TAF

TAF CYUL 170840Z 1709/1806 VRB03KT P6SM FEW100 PROB30 1709/1711 2SM BR FEW006 FM171500 12010KT P6SM SCT060 BKN210

Frequencies

| | |
|---------------------------------------|---------------------------------------|
| TWR - 119.90 MHz - MONTREAL TOWER | TWR - 119.30 MHz - MONTREAL TOWER |
| TWR - 124.30 MHz - MONTREAL TOWER | GND - 121.00 MHz - MONTREAL GROUND |
| GND - 121.90 MHz - MONTREAL GROUND | CLD - 125.60 MHz - CLEARANCE DELIVERY |
| APP - 132.85 MHz - MONTREAL APPROACH | APP - 126.90 MHz - MONTREAL APPROACH |
| DEP - 124.65 MHz - MONTREAL DEPARTURE | DEP - 120.42 MHz - MONTREAL DEPARTURE |
| REC - 133.70 MHz - ATIS | REC - 127.50 MHz - ATIS |
| COM - 123.55 MHz - QUEBEC FIC | COM - 126.70 MHz - QUEBEC FIC |
| COM - 134.15 MHz - VFR ADVISORY | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 06L | 197 ft | 11,010 ft | 42.55 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,356 m | 56.45 | | 0 m | 0 m |
| 24R | 197 ft | 11,010 ft | 222.57 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,356 m | 236.47 | | 0 m | 0 m |
| 06R | 197 ft | 9,608 ft | 42.59 | CONCRETE | 0 ft | 0 ft |
| | 60 m | 2,929 m | 56.48 | | 0 m | 0 m |
| 24L | 197 ft | 9,608 ft | 222.60 | CONCRETE | 0 ft | 0 ft |
| | 60 m | 2,929 m | 236.50 | | 0 m | 0 m |
| 10 | 197 ft | 7,008 ft | 87.61 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 2,136 m | 101.50 | | 0 m | 0 m |
| 28 | 197 ft | 7,008 ft | 267.63 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 2,136 m | 281.52 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 06L | LOC-ILS | IUL | 109.30 MHz | 18 nm | 42.57 | - | 118 ft |
| | | | | 33 km | 56.47 | | 118 m |
| 06R | LOC-ILS | IOA | 110.50 MHz | 18 nm | 42.60 | - | 118 ft |
| | | | | 33 km | 56.50 | | 118 m |
| 10 | LOC-ILS | IDO | 110.10 MHz | 18 nm | 87.62 | - | 118 ft |
| | | | | 33 km | 101.52 | | 118 m |
| 24L | LOC-ILS | IMQ | 110.50 MHz | 18 nm | 222.60 | - | 118 ft |
| | | | | 33 km | 236.50 | | 118 m |
| 24R | LOC-ILS | IZZ | 111.90 MHz | 18 nm | 222.57 | - | 118 ft |
| | | | | 33 km | 236.47 | | 118 m |
| 06L | GS | IUL | 109.30 MHz | 10 nm | 42.57 | 3.00 | 118 ft |
| | | | | 19 km | 56.47 | | 118 m |
| 06R | GS | IOA | 110.50 MHz | 10 nm | 42.60 | 3.00 | 118 ft |
| | | | | 19 km | 56.50 | | 118 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 10 | GS | IDO | 110.10 MHz | 10 nm | 87.62 | 3.00 | 118 ft |
| | | | | 19 km | 101.52 | | 118 m |
| 24L | GS | IMQ | 110.50 MHz | 10 nm | 222.60 | 3.00 | 118 ft |
| | | | | 19 km | 236.50 | | 118 m |
| 24R | GS | IZZ | 111.90 MHz | 10 nm | 222.57 | 3.00 | 118 ft |
| | | | | 19 km | 236.47 | | 118 m |