

EGCC

Manchester Intl

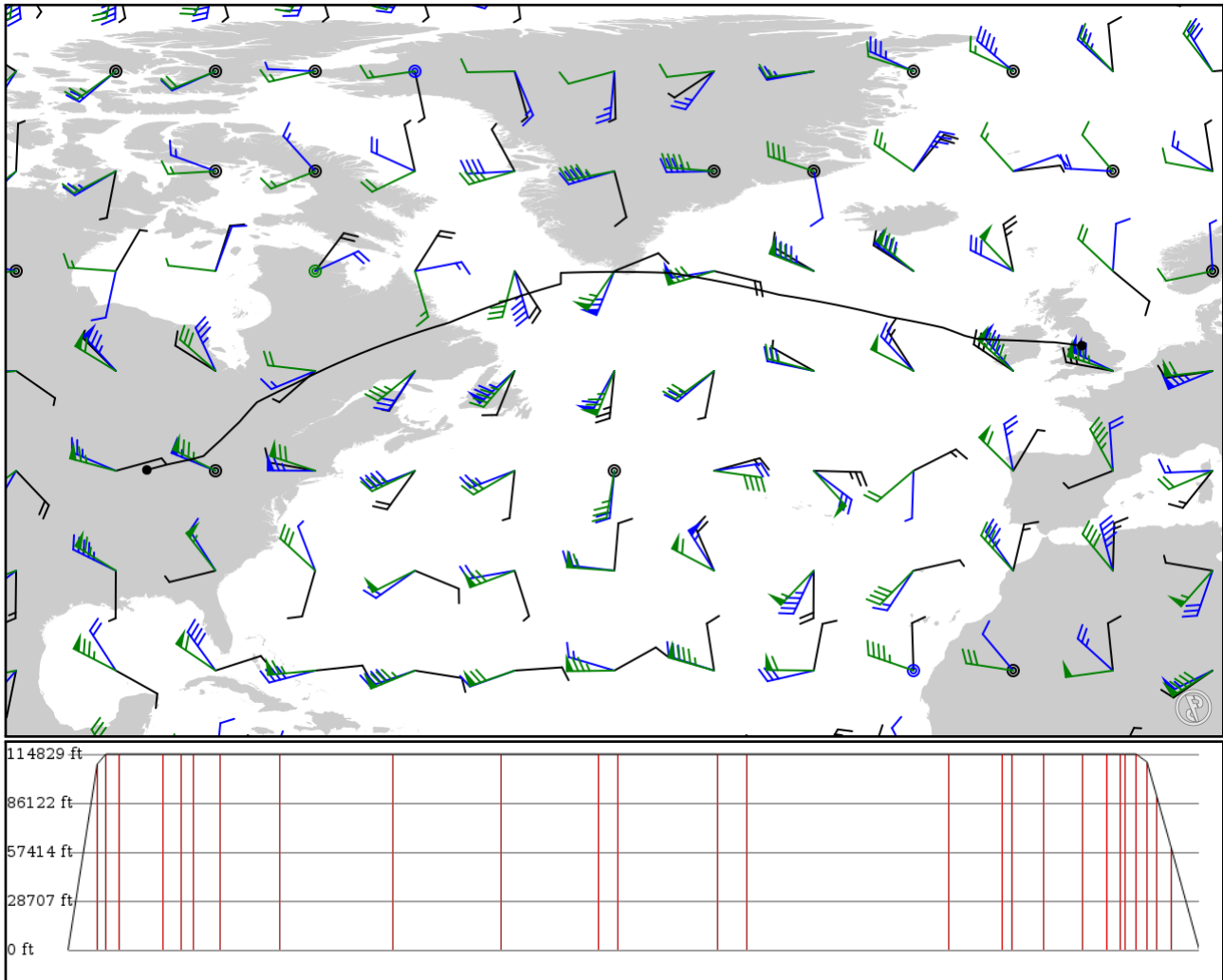
KORD

CHICAGO OHARE INTL

2024/05/15 0537Z

EGCC RAMOX **UL70** DEVOL **UN544** BABAN **UN542** KORIB 5500N01500W +56.000_--20.000 E +60.000_--50.000
5950N 5E22 HO N312A MT **J545** YVO **J551** ECK **J94** FNT **J547** PMM KORD

3468.13 nm / 6422.98 km



Notes

Using NAT tracks from 10/10/2017

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: no
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|----------------------------|-----------------|-----------------------|-----------------------|--------------|-----------------------|
| EGCC APT | - | 53.34714 -2.28395 | 0 ft 0 m | - | Manchester Intl |
| RAMOX FIX | - | 53.66028 -4.83944 | 33,200 ft 10,119 m | 93 | - |
| BAGSO FIX | UL70 AWY-HI | 53.68000 -5.50000 | 35,000 ft 10,668 m | 23 | - |
| NAVAN FIX | UL70 AWY-HI | 53.74722 -6.64639 | 35,000 ft 10,668 m | 40 | - |
| DEVOL FIX | UL70 AWY-HI | 53.89028 -10.43417 | 35,000 ft 10,668 m | 134 | - |
| BABAN FIX | UN544 AWY-HI | 54.00000 -12.00000 | 35,000 ft 10,668 m | 55 | - |
| KORIB FIX | UN542 AWY-HI | 54.25333 -13.00000 | 35,000 ft 10,668 m | 38 | - |
| 5500N01500W LATLON | - | 55.00000 -15.00000 | 35,000 ft 10,668 m | 82 | - |
| +56.000_--20.000 LATLON | - | 56.00000 -20.00000 | 35,000 ft 10,668 m | 180 | - |
| +58.000_--30.000 LATLON | E NAT | 58.00000 -30.00000 | 35,000 ft 10,668 m | 348 | - |
| +60.000_--40.000 LATLON | E NAT | 60.00000 -40.00000 | 35,000 ft 10,668 m | 331 | - |
| +60.000_--50.000 LATLON | E NAT | 60.00000 -50.00000 | 35,000 ft 10,668 m | 300 | - |
| 5950N FIX | - | 59.00000 -50.00000 | 35,000 ft 10,668 m | 60 | - |
| PORGY FIX | 5E22 AWY-HI | 56.31667 -58.08333 | 35,000 ft 10,668 m | 305 | - |
| HO NDB | 5E22 AWY-HI | 55.45750 -60.20917 | 35,000 ft 10,668 m | 88 | HOPEDALE NDB |
| MT NDB | N312A AWY-HI | 49.79961 -74.49544 | 35,000 ft 10,668 m | 620 | CHIBOUGAMAU/CHAPA NDB |
| YVO VOR | J545 AWY-HI | 48.17528 -77.82028 | 35,000 ft 10,668 m | 163 | VAL-D'OR VOR-DME |
| REZIN FIX | J551 AWY-HI | 47.72742 -78.23228 | 35,000 ft 10,668 m | 31 | - |
| YYB VOR | J551 AWY-HI | 46.36393 -79.43644 | 35,000 ft 10,668 m | 95 | - |
| YVV VOR | J551 AWY-HI | 44.74483 -81.10497 | 35,000 ft 10,668 m | 119 | WIARTON VOR-DME |
| ECK40 FIX | J551 AWY-HI | 43.78702 -82.16403 | 35,000 ft 10,668 m | 73 | - |
| ECK VOR | J551 AWY-HI | 43.25589 -82.71792 | 35,000 ft 10,668 m | 39 | PECK VORTAC |
| ABELE FIX | J94 AWY-HI | 43.16594 -83.04264 | 35,000 ft 10,668 m | 15 | - |
| FNT VOR | J94 AWY-HI | 42.96678 -83.74697 | 35,000 ft 10,668 m | 33 | FLINT VORTAC |
| DEWIT FIX | J547 AWY-HI | 42.80254 -84.55000 | 33,600 ft 10,241 m | 36 | - |
| HASTE FIX | J547 AWY-HI | 42.67095 -85.16736 | 27,500 ft 8,382 m | 28 | - |
| PMM | J547 | 42.46603 | 18,200 ft | 43 | PULLMAN VOR-DME |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|---------|--------------|--------------------|
| VOR | AWY-HI | -86.10481 | 5,547 m | | |
| KORD | - | 41.98274 | 0 ft | 85 | CHICAGO OHARE INTL |
| APT | - | -87.90631 | 0 m | | |

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.456 W

METAR

EGCC 150520Z 09003KT 050V140 9999 FEW020 14/11 Q1003

TAF

TAF EGCC 142255Z 1500/1606 11005KT 9999 SCT025 PROB40 TEMPO 1503/1510 6000 -RADZ BKN010 PROB30 TEMPO 1510/1518 6000

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 |

KORD

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

Elevation: 680 ft / 207 m
Location: 41.973400 -87.906600
Magnetic Var: 4.111 W

METAR

KORD 150451Z 02012KT 10SM BKN030 BKN250 12/06 A2980 RMK A02 SLP092 T01170061

TAF

KORD 150252Z 1503/1606 03014KT P6SM SCT025 BKN120 FM151200 04012KT P6SM FEW060 FEW250

Frequencies

| | |
|---------------------------------------|---------------------------------------|
| REC - 135.40 MHz - ATIS | COM - 122.95 MHz - UNICOM |
| CLD - 119.25 MHz - CLEARANCE DELIVERY | CLD - 121.60 MHz - CLEARANCE DELIVERY |
| GND - 118.05 MHz - O'HARE GROUND | GND - 121.67 MHz - O'HARE GROUND |
| GND - 121.75 MHz - O'HARE GROUND | GND - 121.90 MHz - O'HARE GROUND |
| GND - 124.12 MHz - O'HARE GROUND | GND - 134.12 MHz - O'HARE GROUND |
| TWR - 120.75 MHz - O'HARE TOWER | TWR - 121.15 MHz - O'HARE TOWER |
| TWR - 126.90 MHz - O'HARE TOWER | TWR - 127.92 MHz - O'HARE TOWER |
| TWR - 132.70 MHz - O'HARE TOWER | TWR - 128.15 MHz - O'HARE TOWER |
| TWR - 133.00 MHz - O'HARE TOWER | APP - 119.00 MHz - CHICAGO APPROACH |
| APP - 133.62 MHz - CHICAGO APPROACH | APP - 124.35 MHz - CHICAGO APPROACH |
| APP - 125.70 MHz - CHICAGO APPROACH | DEP - 125.00 MHz - CHICAGO DEPARTURE |
| DEP - 125.40 MHz - CHICAGO DEPARTURE | DEP - 127.40 MHz - CHICAGO DEPARTURE |
| DEP - 128.80 MHz - CHICAGO DEPARTURE | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 10C | 200 ft | 10,789 ft | 89.85 | CONCRETE | 0 ft | 397 ft |
| | 61 m | 3,289 m | 93.96 | | 0 m | 121 m |
| 28C | 200 ft | 10,789 ft | 269.88 | CONCRETE | 0 ft | 381 ft |
| | 61 m | 3,289 m | 273.99 | | 0 m | 116 m |
| 10L | 151 ft | 12,996 ft | 89.87 | CONCRETE | 0 ft | 394 ft |
| | 46 m | 3,961 m | 93.99 | | 0 m | 120 m |
| 28R | 151 ft | 12,996 ft | 269.91 | CONCRETE | 0 ft | 285 ft |
| | 46 m | 3,961 m | 274.02 | | 0 m | 87 m |
| 04R | 151 ft | 8,074 ft | 41.40 | CONCRETE | 0 ft | 850 ft |
| | 46 m | 2,461 m | 45.51 | | 0 m | 259 m |
| 22L | 151 ft | 8,074 ft | 221.41 | CONCRETE | 0 ft | 584 ft |
| | 46 m | 2,461 m | 225.53 | | 0 m | 178 m |
| 09R | 151 ft | 7,949 ft | 89.98 | CONCRETE | 0 ft | 148 ft |
| | 46 m | 2,423 m | 94.09 | | 0 m | 45 m |
| 27L | 151 ft | 7,949 ft | 270.00 | CONCRETE | 0 ft | 197 ft |
| | 46 m | 2,423 m | 274.11 | | 0 m | 60 m |
| 09L | 151 ft | 7,484 ft | 89.99 | CONCRETE | 0 ft | 397 ft |
| | 46 m | 2,281 m | 94.10 | | 0 m | 121 m |
| 27R | 151 ft | 7,484 ft | 270.00 | CONCRETE | 0 ft | 397 ft |
| | 46 m | 2,281 m | 274.12 | | 0 m | 121 m |
| 10R | 151 ft | 7,484 ft | 89.85 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,281 m | 93.96 | | 0 m | 122 m |
| 28L | 151 ft | 7,484 ft | 269.87 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,281 m | 273.98 | | 0 m | 122 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 09L | DME | ISAJ | 111.75 MHz | 18 nm | - | - | 668 ft |
| | | | | 33 km | - | | 668 m |
| 10L | DME | IMED | 111.10 MHz | 18 nm | - | - | 678 ft |
| | | | | 33 km | - | | 678 m |
| 27L | DME | IIAC | 110.50 MHz | 18 nm | - | - | 641 ft |
| | | | | 33 km | - | | 641 m |
| 27R | DME | IABU | 111.75 MHz | 18 nm | - | - | 668 ft |
| | | | | 33 km | - | | 668 m |
| 28R | DME | ITSL | 111.10 MHz | 18 nm | - | - | 678 ft |
| | | | | 33 km | - | | 678 m |
| 04R | LOC-ILS | IFJU | 110.10 MHz | 18 nm | 41.41 | - | 680 ft |
| | | | | 33 km | 45.52 | | 680 m |
| 09L | LOC-ILS | ISAJ | 111.75 MHz | 18 nm | 90.00 | - | 680 ft |
| | | | | 33 km | 94.11 | | 680 m |
| 09R | LOC-ILS | IJAV | 110.50 MHz | 18 nm | 89.99 | - | 680 ft |
| | | | | 33 km | 94.10 | | 680 m |
| 10L | LOC-ILS | IMED | 111.10 MHz | 18 nm | 89.89 | - | 680 ft |
| | | | | 33 km | 94.00 | | 680 m |
| 10C | LOC-ILS | ISXH | 108.95 MHz | 18 nm | 89.86 | - | 680 ft |
| | | | | 33 km | 93.97 | | 680 m |
| 10R | LOC-ILS | IIZJ | 110.75 MHz | 18 nm | 89.86 | - | 680 ft |
| | | | | 33 km | 93.97 | | 680 m |
| 22L | LOC-ILS | ILQQ | 110.10 MHz | 18 nm | 221.41 | - | 680 ft |
| | | | | 33 km | 225.52 | | 680 m |
| 27L | LOC-ILS | IIAC | 110.50 MHz | 18 nm | 269.99 | - | 680 ft |
| | | | | 33 km | 274.10 | | 680 m |
| 27R | LOC-ILS | IABU | 111.75 MHz | 18 nm | 270.00 | - | 680 ft |
| | | | | 33 km | 274.11 | | 680 m |
| 28L | LOC-ILS | IVQX | 110.75 MHz | 18 nm | 269.87 | - | 680 ft |
| | | | | 33 km | 273.98 | | 680 m |
| 28C | LOC-ILS | IVZE | 108.95 MHz | 18 nm | 269.87 | - | 680 ft |
| | | | | 33 km | 273.98 | | 680 m |
| 28R | LOC-ILS | ITSL | 111.10 MHz | 18 nm | 269.88 | - | 680 ft |
| | | | | 33 km | 273.99 | | 680 m |
| 04R | GS | IFJU | 110.10 MHz | 10 nm | 41.41 | 3.00 | 680 ft |
| | | | | 19 km | 45.52 | | 680 m |
| 09L | GS | ISAJ | 111.75 MHz | 10 nm | 90.00 | 3.00 | 680 ft |
| | | | | 19 km | 94.11 | | 680 m |
| 09R | GS | IJAV | 110.50 MHz | 10 nm | 89.99 | 3.00 | 680 ft |
| | | | | 19 km | 94.10 | | 680 m |
| 10L | GS | IMED | 111.10 MHz | 10 nm | 89.89 | 3.00 | 680 ft |
| | | | | 19 km | 94.00 | | 680 m |
| 10C | GS | ISXH | 108.95 MHz | 10 nm | 89.86 | 3.00 | 680 ft |
| | | | | 19 km | 93.97 | | 680 m |
| 10R | GS | IIZJ | 110.75 MHz | 10 nm | 89.86 | 3.00 | 680 ft |
| | | | | 19 km | 93.97 | | 680 m |
| 22L | GS | ILQQ | 110.10 MHz | 10 nm | 221.41 | 3.00 | 680 ft |
| | | | | 19 km | 225.52 | | 680 m |
| 27L | GS | IIAC | 110.50 MHz | 10 nm | 269.99 | 3.00 | 680 ft |
| | | | | 19 km | 274.10 | | 680 m |
| 27R | GS | IABU | 111.75 MHz | 10 nm | 270.00 | 3.00 | 680 ft |
| | | | | 19 km | 274.11 | | 680 m |
| 28L | GS | IVQX | 110.75 MHz | 10 nm | 269.87 | 3.00 | 680 ft |
| | | | | 19 km | 273.98 | | 680 m |
| 28C | GS | IVZE | 108.95 MHz | 10 nm | 269.87 | 3.00 | 680 ft |
| | | | | 19 km | 273.98 | | 680 m |
| 28R | GS | ITSL | 111.10 MHz | 10 nm | 269.88 | 3.00 | 680 ft |
| | | | | 19 km | 273.99 | | 680 m |