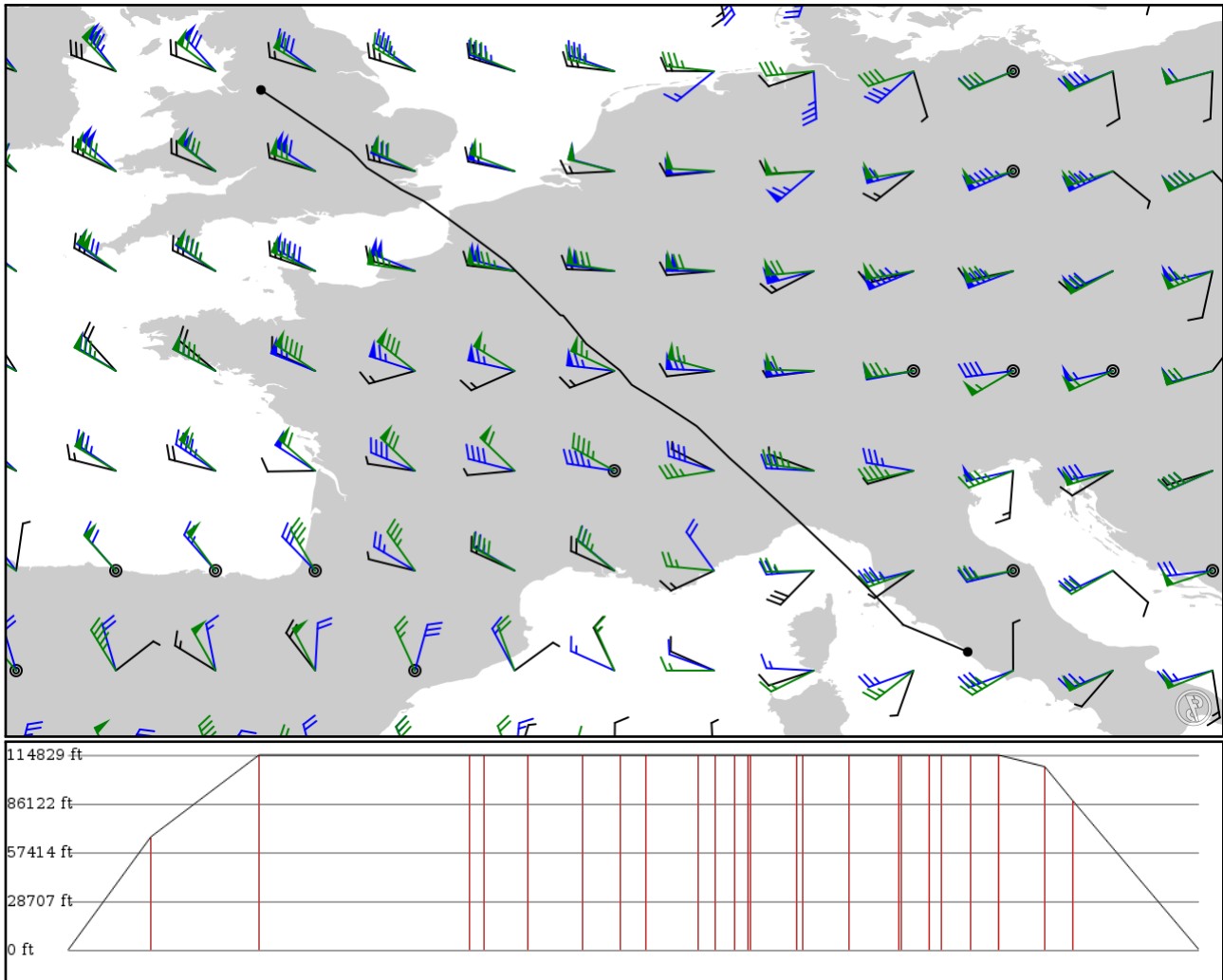


2024/05/03 0039Z

LIRF GILIO M621 AOSTA UM729 MOLUS UT423 IBODI UL153 GIVRI UM982 ERTIP A6 ALIMO KOTUN UL613 SANDY
UN601 POTON EGCC

916.51 nm / 1697.37 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 500kts
- Descent Rate: 2200ft/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 |
|---------------|--------|----------|------------|-----|----------------|---------------------|
| LIRF | - | 41.81080 | 0 ft | - | Roma-Fiumicino | "Leonardo da Vinci" |
| APT | - | 12.25090 | 0 m | | | |
| GILIO | - | 42.36670 | 20,300 ft | 67 | - | |
| FIX | - | 10.92610 | 6,187 m | | | |
| BETEN | M621 | 43.55310 | 35,000 ft | 87 | - | |
| FIX | AWY-HI | 9.76833 | 10,668 m | | | |
| AOSTA | M621 | 45.79640 | 35,000 ft | 169 | - | |
| FIX | AWY-HI | 7.34583 | 10,668 m | | | |
| ORSUD | UM729 | 45.95780 | 35,000 ft | 11 | - | |
| FIX | AWY-HI | 7.18167 | 10,668 m | | | |
| MOLUS | UM729 | 46.44390 | 35,000 ft | 35 | - | |
| FIX | AWY-HI | 6.67944 | 10,668 m | | | |
| IBODI | UT423 | 46.95360 | 35,000 ft | 44 | - | |
| FIX | AWY-HI | 5.90000 | 10,668 m | | | |
| GIVRI | UL153 | 47.29190 | 35,000 ft | 30 | - | |
| FIX | AWY-HI | 5.34222 | 10,668 m | | | |
| TINIL | UM982 | 47.58890 | 35,000 ft | 20 | - | |
| FIX | AWY-HI | 5.09861 | 10,668 m | | | |
| ERTIP | UM982 | 48.13440 | 35,000 ft | 43 | - | |
| FIX | AWY-HI | 4.40667 | 10,668 m | | | |
| SOMDA | A6 | 48.33780 | 35,000 ft | 13 | - | |
| FIX | AWY-LO | 4.24444 | 10,668 m | | | |
| ARSIL | A6 | 48.56000 | 35,000 ft | 15 | - | |
| FIX | AWY-LO | 4.06167 | 10,668 m | | | |
| ALIMO | A6 | 48.71580 | 35,000 ft | 10 | - | |
| FIX | AWY-LO | 3.93222 | 10,668 m | | | |
| KOTUN | - | 48.72440 | 35,000 ft | 2 | - | |
| FIX | - | 3.87111 | 10,668 m | | | |
| PODUK | UL613 | 49.24610 | 35,000 ft | 37 | - | |
| FIX | AWY-HI | 3.35056 | 10,668 m | | | |
| DIDOR | UL613 | 49.31360 | 35,000 ft | 4 | - | |
| FIX | AWY-HI | 3.28194 | 10,668 m | | | |
| NURMO | UL613 | 49.82610 | 35,000 ft | 36 | - | |
| FIX | AWY-HI | 2.75528 | 10,668 m | | | |
| DIPER | UL613 | 50.34580 | 35,000 ft | 41 | - | |
| FIX | AWY-HI | 2.06139 | 10,668 m | | | |
| VESAN | UL613 | 50.37190 | 35,000 ft | 2 | - | |
| FIX | AWY-HI | 2.02639 | 10,668 m | | | |
| RATUK | UL613 | 50.65690 | 35,000 ft | 22 | - | |
| FIX | AWY-HI | 1.63639 | 10,668 m | | | |
| SOVAT | UL613 | 50.77940 | 35,000 ft | 9 | - | |
| FIX | AWY-HI | 1.46667 | 10,668 m | | | |
| SANDY | UL613 | 51.06420 | 35,000 ft | 22 | - | |
| FIX | AWY-HI | 1.06750 | 10,668 m | | | |
| DET | UN601 | 51.30400 | 35,000 ft | 22 | DETILING | |
| VOR | AWY-HI | 0.59727 | 10,668 m | | | |
| BPK | UN601 | 51.74970 | 32,900 ft | 37 | BROOKMANS PARK | |
| VOR | AWY-HI | -0.10674 | 10,028 m | | | |
| POTON | UN601 | 52.08440 | 26,800 ft | 23 | - | |
| FIX | AWY-HI | -0.42722 | 8,169 m | | | |
| EGCC | - | 53.34740 | 0 ft | 101 | Manchester | |
| APT | - | -2.28348 | 0 m | | | |

LIRF

Region: ITALY
Timezone: EUROPE/ROME
Runways: 3

Elevation: 13 ft / 4 m
Location: 41.810800 12.250900
Magnetic Var: 3.663 E

METAR

LIRF 022350Z 24017KT 9999 FEW030 SCT040 15/08 Q1012 NOSIG

TAF

TAF LIRF 022300Z 0300/0406 24016G28KT 9999 SCT025 TEMPO 0300/0312 SHRA BECMG 0306/0308 30016KT BECMG 0319/0321 VR

Frequencies

REC - 120.17 MHz - ATIS ARRIVAL
REC - 121.85 MHz - ATIS DEPARTURE
GND - 121.72 MHz - FIUME APRON
GND - 121.90 MHz - FIUME GROUND
TWR - 127.62 MHz - FIUME TOWER
TWR - 118.70 MHz - FIUME TOWER
DEP - 131.10 MHz - ROMA DEPARTURE
APP - 125.50 MHz - ROMA ARRIVAL
APP - 131.25 MHz - ROMA DIRECT

REC - 126.12 MHz - ATIS ARRIVAL
CLD - 121.80 MHz - CLEARANCE DELIVERY
GND - 121.67 MHz - FIUME GROUND
GND - 122.12 MHz - FIUME GROUND
TWR - 123.72 MHz - FIUME TOWER
DEP - 130.90 MHz - ROMA DEPARTURE
APP - 127.95 MHz - ROMA ARRIVAL
APP - 119.20 MHz - ROMA DIRECT

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 07 | 148 ft | 10,859 ft | 69.68 | ASPHALT | 1,348 ft | 0 ft |
| | 45 m | 3,310 m | 66.02 | | 411 m | 0 m |
| 25 | 148 ft | 10,859 ft | 249.71 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 3,310 m | 246.04 | | 0 m | 0 m |
| 16R | 197 ft | 12,814 ft | 162.66 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,906 m | 159.00 | | 0 m | 0 m |
| 34L | 197 ft | 12,814 ft | 342.67 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,906 m | 339.01 | | 0 m | 0 m |
| 16L | 197 ft | 12,814 ft | 162.68 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,906 m | 159.02 | | 0 m | 0 m |
| 34R | 197 ft | 12,814 ft | 342.69 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,906 m | 339.03 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 25 | DME | FEE | 110.15 MHz | 25 nm | - | - | 25 ft |
| | | | | 46 km | - | | 25 m |
| 34L | DME | ISW | 108.90 MHz | 25 nm | - | - | 15 ft |
| | | | | 46 km | - | | 15 m |
| 34R | DME | FSS | 111.55 MHz | 25 nm | - | - | 15 ft |
| | | | | 46 km | - | | 15 m |
| 16L | LOC-ILS | IFLL | 108.10 MHz | 18 nm | 162.69 | - | 13 ft |
| | | | | 33 km | 159.03 | | 13 m |
| 16R | LOC-ILS | IFRR | 109.75 MHz | 18 nm | 162.67 | - | 13 ft |
| | | | | 33 km | 159.01 | | 13 m |
| 25 | LOC-ILS | FEE | 110.15 MHz | 18 nm | 249.69 | - | 13 ft |
| | | | | 33 km | 246.03 | | 13 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 34L | LOC-ILS | IFSW | 108.90 MHz | 18 nm | 342.67 | - | 13 ft |
| | | | | 33 km | 339.01 | | 13 m |
| 34R | LOC-ILS | FSS | 111.55 MHz | 18 nm | 342.69 | - | 13 ft |
| | | | | 33 km | 339.03 | | 13 m |
| 16L | GS | IFLL | 108.10 MHz | 10 nm | 162.69 | 3.00 | 13 ft |
| | | | | 19 km | 159.03 | | 13 m |
| 16R | GS | IFRR | 109.75 MHz | 10 nm | 162.67 | 3.00 | 13 ft |
| | | | | 19 km | 159.01 | | 13 m |
| 25 | GS | FEE | 110.15 MHz | 10 nm | 249.69 | 3.00 | 13 ft |
| | | | | 19 km | 246.03 | | 13 m |
| 34L | GS | IFSW | 108.90 MHz | 10 nm | 342.67 | 3.00 | 13 ft |
| | | | | 19 km | 339.01 | | 13 m |
| 34R | GS | FSS | 111.55 MHz | 10 nm | 342.69 | 3.00 | 13 ft |
| | | | | 19 km | 339.03 | | 13 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 022350Z AUTO 06003KT 040V100 9999 NCD 10/08 Q1005

TAF

TAF EGCC 022305Z 0300/0406 04005KT 9999 SCT030 PROB30 TEMPO 0300/0306 8000 BKN012 TEMPO 0306/0406 6000 RA SHRA BKN

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 | 51.46 | | 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) (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 |