

EBBR

Brussels Airport

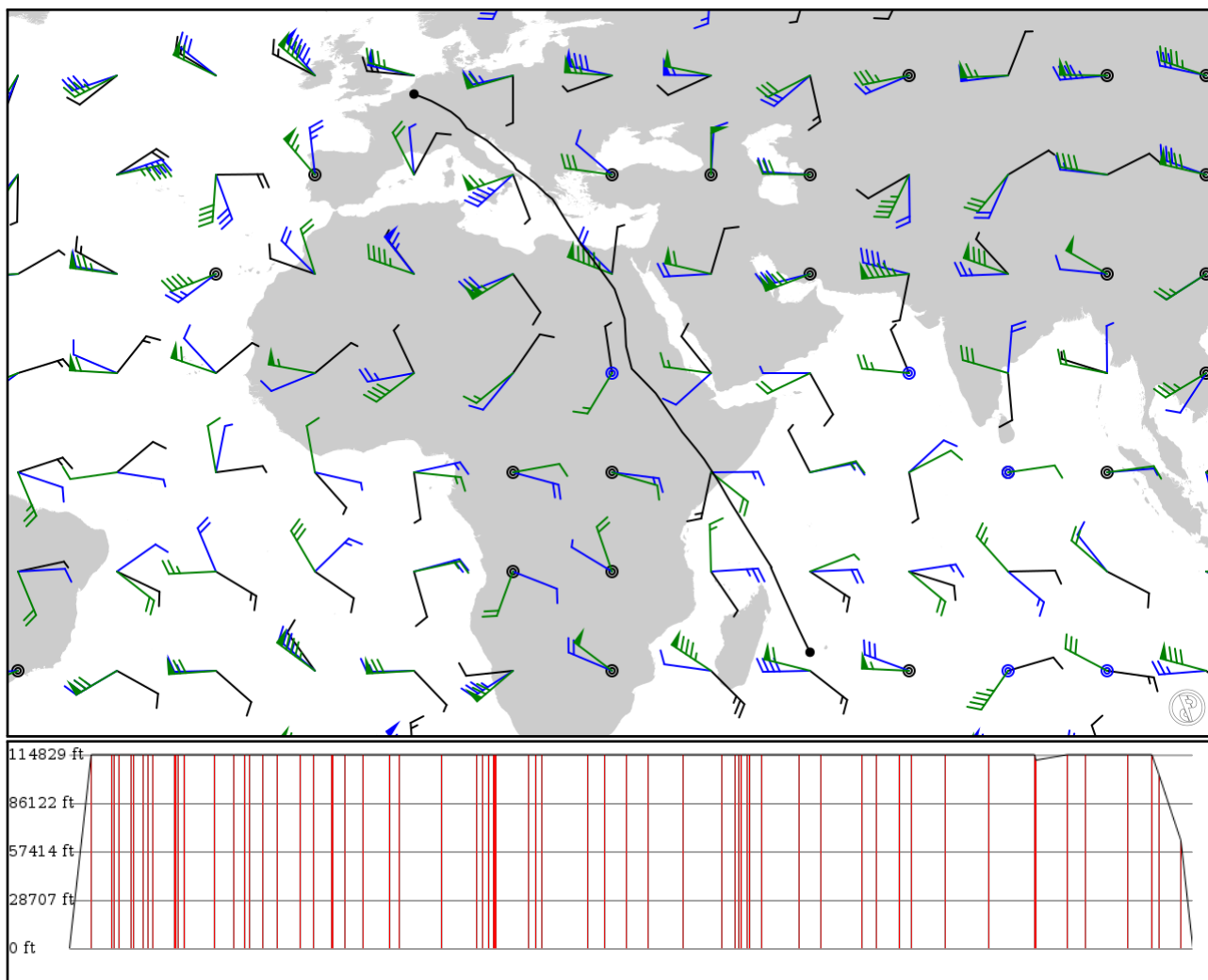
FMEE

St Denis Gillot

2024/05/12 1013Z

EBBR NOSPA **UZ210** KRH **UM150** TGO **UL607** KPT **UL12** BZO **UN606** PUL **UZ740** AIOSA **UL862** ENOXA **UL53** KRK **UA14**
ARA **UL612** TRL **UA145** SALUN **A145** AVIVA **P557** NUBAR **UA727** KTM EMITA **UR611D** TIKAT **UG300** MA **UM665G**
ITLOX **UM665** ANKOR DENLI **UR780G** UVENA **UR780F** PONIR FMEE

5161.90 nm / 9559.83 km



Notes

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 |
|---------------|--------|------------|-----------|--------------|--------------------|
| EBBR | - | 50.89995 | 0 ft | - | Brussels Airport |
| APT | - | 4.49281 | 0 m | | |
| NOSPA | - | 50.02056 | 35,000 ft | 99 | - |
| FIX | - | 6.71139 | 10,668 m | | |
| KRH | UZ210 | 48.99294 | 35,000 ft | 95 | KARLSRUHE VOR-DME |
| VOR | AWY-HI | 8.58424 | 10,668 m | | |
| LAMGO | UM150 | 48.88583 | 35,000 ft | 10 | - |
| FIX | AWY-HI | 8.77917 | 10,668 m | | |
| TGO | UM150 | 48.61841 | 35,000 ft | 24 | TANGO VORTAC |
| VOR | AWY-HI | 9.25921 | 10,668 m | | |
| AMEMI | UL607 | 47.89472 | 35,000 ft | 56 | - |
| FIX | AWY-HI | 10.16722 | 10,668 m | | |
| KPT | UL607 | 47.74583 | 35,000 ft | 11 | KEMPTEN VOR-DME |
| VOR | AWY-HI | 10.34972 | 10,668 m | | |
| OTSIS | UL12 | 47.10074 | 35,000 ft | 43 | - |
| FIX | AWY-HI | 10.84546 | 10,668 m | | |
| ENOGO | UL12 | 46.81333 | 35,000 ft | 19 | - |
| FIX | AWY-HI | 11.06194 | 10,668 m | | |
| BZO | UL12 | 46.46389 | 35,000 ft | 23 | BOLZANO NDB |
| NDB | AWY-HI | 11.32222 | 10,668 m | | |
| BABAG | UN606 | 45.38694 | 35,000 ft | 99 | - |
| FIX | AWY-HI | 13.12694 | 10,668 m | | |
| PEVAL | UN606 | 45.31139 | 35,000 ft | 6 | - |
| FIX | AWY-HI | 13.24750 | 10,668 m | | |
| NAKIT | UN606 | 45.18806 | 35,000 ft | 11 | - |
| FIX | AWY-HI | 13.44778 | 10,668 m | | |
| PUL | UN606 | 44.89237 | 35,000 ft | 26 | PULA VOR-DME |
| VOR | AWY-HI | 13.91813 | 10,668 m | | |
| TIBLA | UZ740 | 43.07472 | 35,000 ft | 141 | - |
| FIX | AWY-HI | 16.00667 | 10,668 m | | |
| AIOSA | UZ740 | 41.92833 | 35,000 ft | 88 | - |
| FIX | AWY-HI | 17.24833 | 10,668 m | | |
| ENOX | UL862 | 41.20139 | 35,000 ft | 47 | - |
| FIX | AWY-HI | 17.66889 | 10,668 m | | |
| OKIMO | UL53 | 40.93389 | 35,000 ft | 23 | - |
| FIX | AWY-HI | 18.04750 | 10,668 m | | |
| OLGAT | UL53 | 40.24472 | 35,000 ft | 60 | - |
| FIX | AWY-HI | 19.00000 | 10,668 m | | |
| KRK | UL53 | 39.44389 | 35,000 ft | 68 | KERKIRA VOR-DME |
| VOR | AWY-HI | 20.07278 | 10,668 m | | |
| ARA | UA14 | 38.10972 | 35,000 ft | 102 | ARAXOS VOR-DME |
| VOR | AWY-HI | 21.42528 | 10,668 m | | |
| TRL | UL612 | 37.40275 | 35,000 ft | 60 | TRIPOLIS VOR-DME |
| VOR | AWY-HI | 22.33963 | 10,668 m | | |
| DILMO | UA145 | 36.11639 | 35,000 ft | 86 | - |
| FIX | AWY-HI | 23.14333 | 10,668 m | | |
| ESODO | UA145 | 36.02722 | 35,000 ft | 5 | - |
| FIX | AWY-HI | 23.19806 | 10,668 m | | |
| PLH | UA145 | 35.22764 | 35,000 ft | 53 | PALEOCHORA VOR-DME |
| VOR | AWY-HI | 23.68084 | 10,668 m | | |
| SALUN | UA145 | 34.00000 | 35,000 ft | 82 | - |
| FIX | AWY-HI | 24.45000 | 10,668 m | | |
| NEV42 | A145 | 32.22056 | 35,000 ft | 122 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|----------------------|
| FIX | AWY-HI | 25.62861 | 10,668 m | | |
| BRN | A145 | 31.57556 | 35,000 ft | 43 | SIDI BARRANI VOR-DME |
| VOR | AWY-HI | 26.00556 | 10,668 m | | |
| DANAD | A145 | 28.85167 | 35,000 ft | 196 | - |
| FIX | AWY-HI | 28.10250 | 10,668 m | | |
| AST72 | A145 | 26.60056 | 35,000 ft | 161 | - |
| FIX | AWY-HI | 29.77167 | 10,668 m | | |
| KHG56 | A145 | 26.24667 | 35,000 ft | 25 | - |
| FIX | AWY-HI | 30.03000 | 10,668 m | | |
| AVIVA | A145 | 25.80500 | 35,000 ft | 31 | - |
| FIX | AWY-HI | 30.34139 | 10,668 m | | |
| KHG07 | P557 | 25.49000 | 35,000 ft | 19 | - |
| FIX | AWY-HI | 30.45194 | 10,668 m | | |
| VUTAB | P557 | 25.44667 | 35,000 ft | 2 | - |
| FIX | AWY-HI | 30.46722 | 10,668 m | | |
| KHG08 | P557 | 25.32556 | 35,000 ft | 7 | - |
| FIX | AWY-HI | 30.50944 | 10,668 m | | |
| ORLEX | P557 | 22.95889 | 35,000 ft | 148 | - |
| FIX | AWY-HI | 31.31639 | 10,668 m | | |
| SML06 | P557 | 22.36444 | 35,000 ft | 37 | - |
| FIX | AWY-HI | 31.51444 | 10,668 m | | |
| NUBAR | P557 | 22.00000 | 35,000 ft | 22 | - |
| FIX | AWY-HI | 31.63500 | 10,668 m | | |
| MRW | UA727 | 18.44977 | 35,000 ft | 213 | MEROWE VOR-DME |
| VOR | AWY-HI | 31.81866 | 10,668 m | | |
| ALPOX | UA727 | 17.19186 | 35,000 ft | 77 | - |
| FIX | AWY-HI | 32.14204 | 10,668 m | | |
| KTM | UA727 | 15.56609 | 35,000 ft | 100 | KHARTOUM VOR-DME |
| VOR | AWY-HI | 32.55338 | 10,668 m | | |
| EMITA | - | 14.35869 | 35,000 ft | 100 | - |
| FIX | - | 33.74577 | 10,668 m | | |
| TIKAT | UR611D | 12.40683 | 35,000 ft | 161 | - |
| FIX | AWY-HI | 35.63711 | 10,668 m | | |
| ETONI | UG300 | 10.01047 | 35,000 ft | 173 | - |
| FIX | AWY-HI | 37.29153 | 10,668 m | | |
| ETOKO | UG300 | 9.13775 | 35,000 ft | 63 | - |
| FIX | AWY-HI | 37.88839 | 10,668 m | | |
| GETIN | UG300 | 8.93603 | 35,000 ft | 14 | - |
| FIX | AWY-HI | 38.03156 | 10,668 m | | |
| ITPOG | UG300 | 8.73508 | 35,000 ft | 14 | - |
| FIX | AWY-HI | 38.16381 | 10,668 m | | |
| ETIVA | UG300 | 8.38817 | 35,000 ft | 25 | - |
| FIX | AWY-HI | 38.39714 | 10,668 m | | |
| GETOL | UG300 | 8.17992 | 35,000 ft | 15 | - |
| FIX | AWY-HI | 38.53814 | 10,668 m | | |
| MASLO | UG300 | 7.41597 | 35,000 ft | 55 | - |
| FIX | AWY-HI | 39.05411 | 10,668 m | | |
| IBTAN | UG300 | 5.23872 | 35,000 ft | 169 | - |
| FIX | AWY-HI | 40.85428 | 10,668 m | | |
| MA | UG300 | 3.94033 | 35,000 ft | 98 | MANDERA NDB |
| NDB | AWY-HI | 41.86418 | 10,668 m | | |
| TULAP | UM665G | 1.30000 | 35,000 ft | 189 | - |
| FIX | AWY-HI | 43.58333 | 10,668 m | | |
| RAGGS | UM665G | 0.32500 | 35,000 ft | 68 | - |
| FIX | AWY-HI | 44.16000 | 10,668 m | | |
| ITLOX | UM665G | -1.17167 | 35,000 ft | 103 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|-----------------|
| FIX | AWY-HI | 45.02667 | 10,668 m | | |
| MITCH | UM665 | -2.00000 | 35,000 ft | 58 | - |
| FIX | AWY-HI | 45.52667 | 10,668 m | | |
| ANTIS | UM665 | -4.14833 | 35,000 ft | 152 | - |
| FIX | AWY-HI | 46.86667 | 10,668 m | | |
| UVESO | UM665 | -7.00000 | 35,000 ft | 202 | - |
| FIX | AWY-HI | 48.66000 | 10,668 m | | |
| ANKOR | UM665 | -10.00000 | 35,000 ft | 213 | - |
| FIX | AWY-HI | 50.57833 | 10,668 m | | |
| DENLI | - | -10.00000 | 34,000 ft | 6 | - |
| FIX | - | 50.47000 | 10,363 m | | |
| IXEBU | UR780G | -12.12111 | 35,000 ft | 138 | - |
| FIX | AWY-HI | 51.41000 | 10,668 m | | |
| MIDRI | UR780G | -13.43389 | 35,000 ft | 86 | - |
| FIX | AWY-HI | 52.00000 | 10,668 m | | |
| MAEVA | UR780G | -16.39583 | 35,000 ft | 194 | - |
| FIX | AWY-HI | 53.35861 | 10,668 m | | |
| ANVOR | UR780G | -18.09539 | 35,000 ft | 111 | - |
| FIX | AWY-HI | 54.15550 | 10,668 m | | |
| UVENA | UR780G | -18.60608 | 31,300 ft | 33 | - |
| FIX | AWY-HI | 54.39964 | 9,540 m | | |
| PONIR | UR780F | -20.07503 | 19,500 ft | 96 | - |
| FIX | AWY-HI | 55.11122 | 5,944 m | | |
| FMEE | - | -20.88931 | 0 ft | 53 | St Denis Gillot |
| APT | - | 55.51775 | 0 m | | |

EBBR

Region: BELGIUM
Timezone: EUROPE/BRUSSELS
Runways: 3

Elevation: 184 ft / 56 m
Location: 50.899900 4.492770
Magnetic Var: 2.003 E

METAR

EBBR 120950Z 10006KT 060V140 CAVOK 22/12 Q1015 NOSIG

TAF

TAF TAF EBBR 120510Z 1206/1312 10006KT CAVOK PROB40 TEMPO 1215/1221 VRB15G30KT 3500 TSRAGR BKN050CB PROB30 TEMPO 1

Frequencies

| | |
|----------------------------------|-----------------------------|
| REC - 121.75 MHz - ATIS DEP | REC - 132.47 MHz - ATIS ARR |
| COM - 130.55 MHz - ABELAG UNICOM | CLD - 121.95 MHz - CLNC DEL |
| GND - 118.05 MHz - | GND - 121.70 MHz - |
| GND - 121.87 MHz - | TWR - 118.60 MHz - |
| TWR - 120.77 MHz - | APP - 118.25 MHz - |
| APP - 120.10 MHz - | APP - 122.50 MHz - |
| DEP - 126.62 MHz - | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 07L | 148 ft | 11,917 ft | 65.37 | ASPHALT | 843 ft | 72 ft |
| | 45 m | 3,632 m | 63.37 | | 257 m | 22 m |
| 25R | 148 ft | 11,917 ft | 245.41 | ASPHALT | 981 ft | 0 ft |
| | 45 m | 3,632 m | 243.41 | | 299 m | 0 m |
| 07R | 148 ft | 10,522 ft | 69.88 | ASPHALT | 407 ft | 0 ft |
| | 45 m | 3,207 m | 67.87 | | 124 m | 0 m |
| 25L | 148 ft | 10,522 ft | 249.91 | ASPHALT | 0 ft | 13 ft |
| | 45 m | 3,207 m | 247.91 | | 0 m | 4 m |
| 01 | 164 ft | 9,810 ft | 14.44 | ASPHALT | 157 ft | 0 ft |
| | 50 m | 2,990 m | 12.44 | | 48 m | 0 m |
| 19 | 164 ft | 9,810 ft | 194.45 | ASPHALT | 722 ft | 43 ft |
| | 50 m | 2,990 m | 192.45 | | 220 m | 13 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 01 | DME | IBX | 109.90 MHz | 18 nm | - | - | 184 ft |
| | | | | 33 km | - | | 184 m |
| 19 | DME | IBM | 111.15 MHz | 18 nm | - | - | 184 ft |
| | | | | 33 km | - | | 184 m |
| 25R | DME | IBR | 108.90 MHz | 18 nm | - | - | 184 ft |
| | | | | 33 km | - | | 184 m |
| 01 | LOC-ILS | IBX | 109.90 MHz | 18 nm | 14.45 | - | 184 ft |
| | | | | 33 km | 12.45 | | 184 m |
| 19 | LOC-ILS | IBM | 111.15 MHz | 18 nm | 194.45 | - | 184 ft |
| | | | | 33 km | 192.45 | | 184 m |
| 25L | LOC-ILS | IBL | 110.35 MHz | 18 nm | 249.89 | - | 184 ft |
| | | | | 33 km | 247.89 | | 184 m |
| 25R | LOC-ILS | IBR | 108.90 MHz | 18 nm | 245.39 | - | 184 ft |
| | | | | 33 km | 243.39 | | 184 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 01 | GS | IBX | 109.90 MHz | 10 nm | 14.45 | 3.00 | 184 ft |
| | | | | 19 km | 12.45 | | 184 m |
| 19 | GS | IBM | 111.15 MHz | 10 nm | 194.45 | 3.00 | 184 ft |
| | | | | 19 km | 192.45 | | 184 m |
| 25L | GS | IBL | 110.35 MHz | 10 nm | 249.89 | 3.00 | 184 ft |
| | | | | 19 km | 247.89 | | 184 m |
| 25R | GS | IBR | 108.90 MHz | 10 nm | 245.39 | 3.00 | 184 ft |
| | | | | 19 km | 243.39 | | 184 m |

FMEE

Region: COMOROS, MAYOTTE, RÉUNION AND MADAGASCARElevation: 66 ft / 20 m
Timezone: INDIAN/REUNIONLocation: -20.889300 55.517700
Runways: 2Magnetic Var: 18.759 W

METAR

FMEE 121000Z AUTO 11017KT CAVOK 29/20 Q1016 NOSIG

TAF

TAF FMEE 120500Z 1206/1312 10018KT 9999 SCT025 BECMG 1216/1218 16012KT BECMG 1304/1306 10020G30KT

Frequencies

REC - 126.80 MHz - ATIS
TWR - 118.40 MHz -
APP - 127.20 MHz -
GND - 121.90 MHz -
APP - 119.40 MHz -

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 12 | 148 ft | 10,492 ft | 102.28 | ASPHALT | 397 ft | 0 ft |
| | 45 m | 3,198 m | 121.03 | | 121 m | 0 m |
| 30 | 148 ft | 10,492 ft | 282.26 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 3,198 m | 301.02 | | 0 m | 0 m |
| 14 | 148 ft | 8,768 ft | 116.58 | ASPHALT | 328 ft | 0 ft |
| | 45 m | 2,672 m | 135.34 | | 100 m | 0 m |
| 32 | 148 ft | 8,768 ft | 296.58 | ASPHALT | 1,175 ft | 0 ft |
| | 45 m | 2,672 m | 315.33 | | 358 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 14 | DME | SD | 110.30 MHz | 18 nm | - | - | 46 ft |
| | | | | 33 km | - | | 46 m |
| 14 | LOC-ILS | SD | 110.30 MHz | 18 nm | 116.63 | - | 66 ft |
| | | | | 33 km | 135.39 | | 66 m |
| 14 | GS | SD | 110.30 MHz | 10 nm | 117.09 | 3.00 | 46 ft |
| | | | | 19 km | 135.85 | | 46 m |