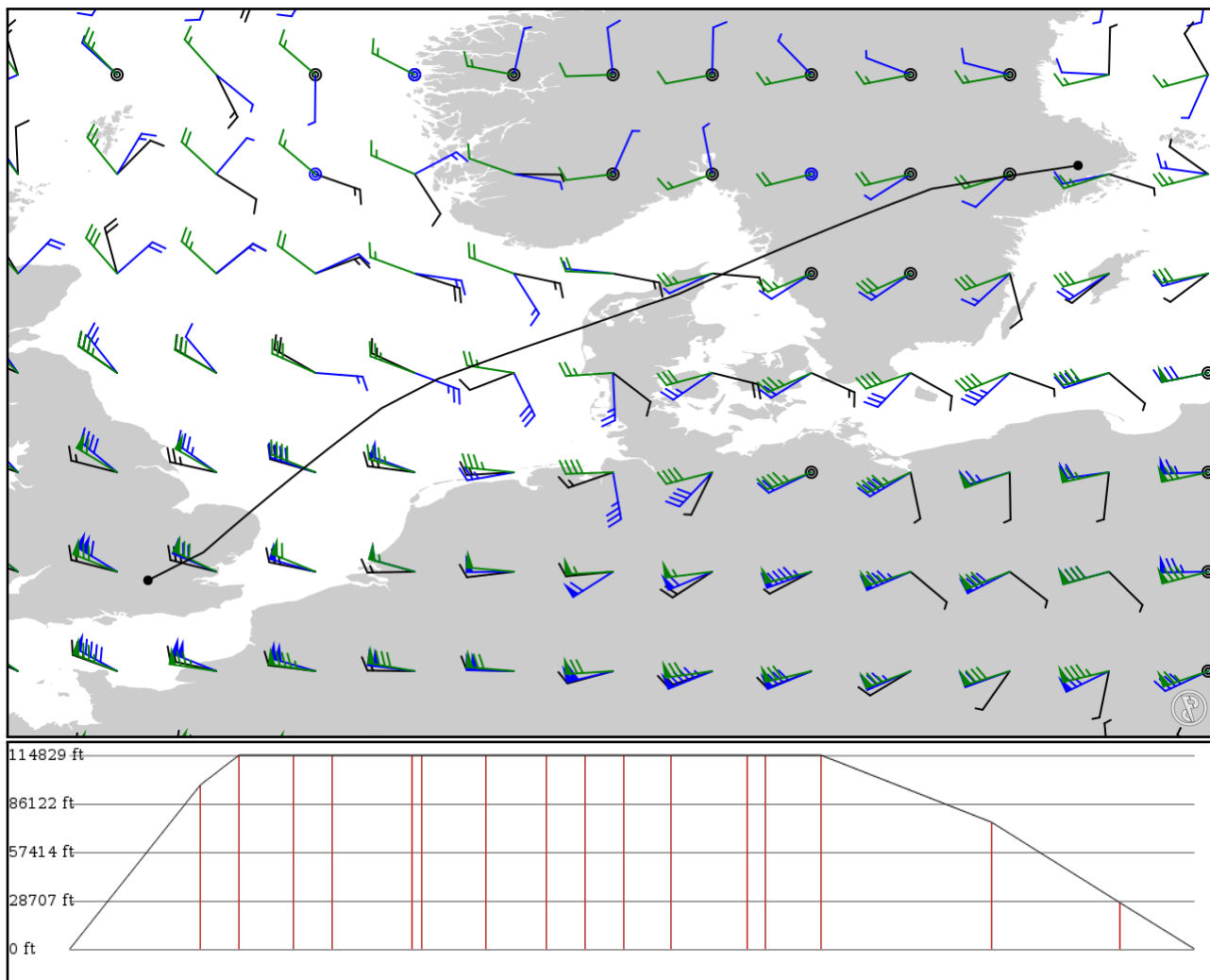


2024/05/23 0632Z

ESSA DEPEX **N866** AAL AAL **N866** GOLUM **P144** DIGSU EGLL

798.05 nm / 1477.99 km



Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 375kts
- Descent Rate: 1000ft/min
- Descent Speed: 230kts

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 |
|---------------|--------|------------|-----------|--------------|-------------------|
| ESSA | - | 59.65190 | 0 ft | - | Stockholm Arlanda |
| APT | - | 17.91860 | 0 m | - | |
| DEPEX | - | 59.19190 | 29,600 ft | 92 | - |
| FIX | - | 15.02250 | 9,022 m | - | - |
| LAPSI | N866 | 58.92050 | 35,000 ft | 27 | - |
| FIX | AWY-HI | 14.30550 | 10,668 m | - | - |
| MOXAM | N866 | 58.53140 | 35,000 ft | 38 | - |
| FIX | AWY-HI | 13.31390 | 10,668 m | - | - |
| NEGIL | N866 | 58.25130 | 35,000 ft | 27 | - |
| FIX | AWY-HI | 12.62530 | 10,668 m | - | - |
| INVOL | N866 | 57.65440 | 35,000 ft | 57 | - |
| FIX | AWY-HI | 11.22140 | 10,668 m | - | - |
| DETNA | N866 | 57.58760 | 35,000 ft | 6 | - |
| FIX | AWY-HI | 11.06910 | 10,668 m | - | - |
| AAL | N866 | 57.10370 | 35,000 ft | 45 | AALBORG |
| VOR | AWY-HI | 9.99558 | 10,668 m | - | |
| AAL | - | 57.10390 | 35,000 ft | 0 | AALBORG VOR-DME |
| DME | - | 9.99281 | 10,668 m | - | |
| KEMEG | N866 | 56.72080 | 35,000 ft | 43 | - |
| FIX | AWY-HI | 8.87250 | 10,668 m | - | - |
| RAM | N866 | 56.47840 | 35,000 ft | 26 | RAMME VOR-DME |
| DME | AWY-HI | 8.18736 | 10,668 m | - | |
| EVAKI | N866 | 56.23940 | 35,000 ft | 27 | - |
| FIX | AWY-HI | 7.48111 | 10,668 m | - | - |
| AMRAM | N866 | 55.94360 | 35,000 ft | 33 | - |
| FIX | AWY-HI | 6.63417 | 10,668 m | - | - |
| GOLUM | N866 | 55.45000 | 35,000 ft | 54 | - |
| FIX | AWY-HI | 5.28333 | 10,668 m | - | - |
| SOPTO | P144 | 55.30560 | 35,000 ft | 12 | - |
| FIX | AWY-HI | 5.00000 | 10,668 m | - | - |
| LARGA | P144 | 54.86390 | 35,000 ft | 39 | - |
| FIX | AWY-HI | 4.15333 | 10,668 m | - | - |
| LATMU | P144 | 53.25690 | 22,900 ft | 120 | - |
| FIX | AWY-HI | 2.08944 | 6,980 m | - | - |
| DIGSU | P144 | 52.02390 | 8,400 ft | 91 | - |
| FIX | AWY-HI | 0.63472 | 2,560 m | - | - |
| EGLL | - | 51.47120 | 0 ft | 52 | London Heathrow |
| APT | - | -0.46088 | 0 m | - | |

ESSA

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 3

Elevation: 138 ft / 42 m
Location: 59.651900 17.918600
Magnetic Var: 7.127 E

METAR

ESSA 230620Z 10009KT CAVOK 16/05 Q1021 NOSIG

TAF

TAF ESSA 230530Z 2306/2406 09010KT CAVOK TEMPO 2323/2406 4000 SHRA BKN040CB PROB40 2405/2406 TSRA

Frequencies

| | |
|--|--|
| REC - 119.00 MHz - ATIS | REC - 121.62 MHz - ATIS |
| APP - 123.75 MHz - STOCKHOLM CONTROL APPROACH | APP - 120.15 MHz - STOCKHOLM CONTROL APPROACH |
| APP - 126.65 MHz - STOCKHOLM CONTROL APPROACH | DEP - 123.75 MHz - STOCKHOLM CONTROL DEPARTURE |
| DEP - 120.15 MHz - STOCKHOLM CONTROL DEPARTURE | DEP - 126.65 MHz - STOCKHOLM CONTROL DEPARTURE |
| TWR - 118.50 MHz - ARLANDA TOWER | TWR - 125.12 MHz - ARLANDA TOWER |
| TWR - 128.72 MHz - ARLANDA TOWER | TWR - 123.10 MHz - ARLANDA TOWER |
| GND - 121.70 MHz - ARLANDA GROUND | GND - 121.97 MHz - ARLANDA GROUND |
| GND - 121.92 MHz - ARLANDA GROUND | CLD - 121.82 MHz - CLEARANCE DELIVERY |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 01L | 148 ft | 10,817 ft | 10.38 | ASPHALT | 0 ft | 154 ft |
| | 45 m | 3,297 m | 3.25 | | 0 m | 47 m |
| 19R | 148 ft | 10,817 ft | 190.38 | ASPHALT | 0 ft | 164 ft |
| | 45 m | 3,297 m | 183.26 | | 0 m | 50 m |
| 01R | 148 ft | 8,151 ft | 10.38 | ASPHALT | 0 ft | 223 ft |
| | 45 m | 2,484 m | 3.25 | | 0 m | 68 m |
| 19L | 148 ft | 8,151 ft | 190.38 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 2,484 m | 183.26 | | 0 m | 0 m |
| 08 | 148 ft | 8,180 ft | 75.84 | ASPHALT | 0 ft | 161 ft |
| | 45 m | 2,493 m | 68.71 | | 0 m | 49 m |
| 26 | 148 ft | 8,180 ft | 255.88 | ASPHALT | 0 ft | 161 ft |
| | 45 m | 2,493 m | 248.75 | | 0 m | 49 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 01L | LOC-ILS | SSA | 109.90 MHz | 18 nm | 10.38 | - | 138 ft |
| | | | | 33 km | 3.25 | | 138 m |
| 01R | LOC-ILS | TSA | 109.35 MHz | 18 nm | 10.38 | - | 138 ft |
| | | | | 33 km | 3.25 | | 138 m |
| 19L | LOC-ILS | USA | 111.35 MHz | 18 nm | 190.38 | - | 138 ft |
| | | | | 33 km | 183.25 | | 138 m |
| 19R | LOC-ILS | NSA | 110.70 MHz | 18 nm | 190.38 | - | 138 ft |
| | | | | 33 km | 183.25 | | 138 m |
| 26 | LOC-ILS | ESA | 110.10 MHz | 18 nm | 255.86 | - | 138 ft |
| | | | | 33 km | 248.73 | | 138 m |
| 08 | LOC-LOC | WSA | 109.55 MHz | 18 nm | 75.86 | - | 138 ft |
| | | | | 33 km | 68.73 | | 138 m |
| 01L | GS | SSA | 109.90 MHz | 10 nm | 10.38 | 3.00 | 138 ft |
| | | | | 19 km | 3.25 | | 138 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 01R | GS | TSA | 109.35 MHz | 10 nm | 10.38 | 3.00 | 138 ft |
| | | | | 19 km | 3.25 | | 138 m |
| 19L | GS | USA | 111.35 MHz | 10 nm | 190.38 | 3.00 | 138 ft |
| | | | | 19 km | 183.25 | | 138 m |
| 19R | GS | NSA | 110.70 MHz | 10 nm | 190.38 | 3.00 | 138 ft |
| | | | | 19 km | 183.25 | | 138 m |
| 26 | GS | ESA | 110.10 MHz | 10 nm | 255.86 | 3.00 | 138 ft |
| | | | | 19 km | 248.73 | | 138 m |

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.382 E

METAR

EGLL 230620Z AUTO 28011KT 9999 BKN016 OVC025 13/10 Q1012

TAF

TAF EGLL 230454Z 2306/2412 25010KT 9999 SCT030

Frequencies

| | |
|---|---|
| REC - 128.07 MHz - HEATHROW INFORMATION | REC - 121.92 MHz - HEATHROW INFORMATION |
| CLD - 121.97 MHz - HEATHROW DELIVERY | GND - 121.70 MHz - HEATHROW GROUND |
| GND - 121.85 MHz - HEATHROW GROUND | GND - 121.90 MHz - HEATHROW GROUND |
| TWR - 118.50 MHz - HEATHROW TOWER | TWR - 118.70 MHz - HEATHROW TOWER |
| TWR - 124.47 MHz - HEATHROW TOWER | APP - 119.72 MHz - HEATHROW DIRECTOR |
| APP - 120.40 MHz - HEATHROW DIRECTOR | APP - 134.97 MHz - HEATHROW DIRECTOR |
| APP - 125.62 MHz - HEATHROW RADAR | APP - 127.52 MHz - HEATHROW RADAR |
| DEP - 120.52 MHz - HEATHROW DEPARTURE | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 09L | 164 ft | 12,770 ft | 89.66 | ASPHALT | 1,007 ft | 0 ft |
| | 50 m | 3,892 m | 89.28 | | 307 m | 0 m |
| 27R | 164 ft | 12,770 ft | 269.70 | ASPHALT | 0 ft | 177 ft |
| | 50 m | 3,892 m | 269.32 | | 0 m | 54 m |
| 09R | 164 ft | 11,975 ft | 89.68 | ASPHALT | 1,004 ft | 0 ft |
| | 50 m | 3,650 m | 89.30 | | 306 m | 0 m |
| 27L | 164 ft | 11,975 ft | 269.72 | ASPHALT | 0 ft | 95 ft |
| | 50 m | 3,650 m | 269.34 | | 0 m | 29 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 09L | DME | IAA | 110.30 MHz | 18 nm | - | - | 89 ft |
| | | | | 33 km | - | | 89 m |
| 09R | DME | IBB | 109.50 MHz | 18 nm | - | - | 84 ft |
| | | | | 33 km | - | | 84 m |
| 27L | DME | ILL | 109.50 MHz | 18 nm | - | - | 84 ft |
| | | | | 33 km | - | | 84 m |
| 27R | DME | IRR | 110.30 MHz | 18 nm | - | - | 89 ft |
| | | | | 33 km | - | | 89 m |
| 09L | LOC-ILS | IAA | 110.30 MHz | 18 nm | 89.68 | - | 83 ft |
| | | | | 33 km | 89.30 | | 83 m |
| 09R | LOC-ILS | IBB | 109.50 MHz | 18 nm | 89.70 | - | 83 ft |
| | | | | 33 km | 89.32 | | 83 m |
| 27L | LOC-ILS | ILL | 109.50 MHz | 18 nm | 269.70 | - | 83 ft |
| | | | | 33 km | 269.32 | | 83 m |
| 27R | LOC-ILS | IRR | 110.30 MHz | 18 nm | 269.68 | - | 83 ft |
| | | | | 33 km | 269.30 | | 83 m |
| 09L | GS | IAA | 110.30 MHz | 10 nm | 89.68 | 3.00 | 83 ft |
| | | | | 19 km | 89.30 | | 83 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 09R | GS | IBB | 109.50 MHz | 10 nm | 89.70 | 3.00 | 83 ft |
| | | | | 19 km | 89.32 | | 83 m |
| 27L | GS | ILL | 109.50 MHz | 10 nm | 269.70 | 3.00 | 83 ft |
| | | | | 19 km | 269.32 | | 83 m |
| 27R | GS | IRR | 110.30 MHz | 10 nm | 269.68 | 3.00 | 83 ft |
| | | | | 19 km | 269.30 | | 83 m |