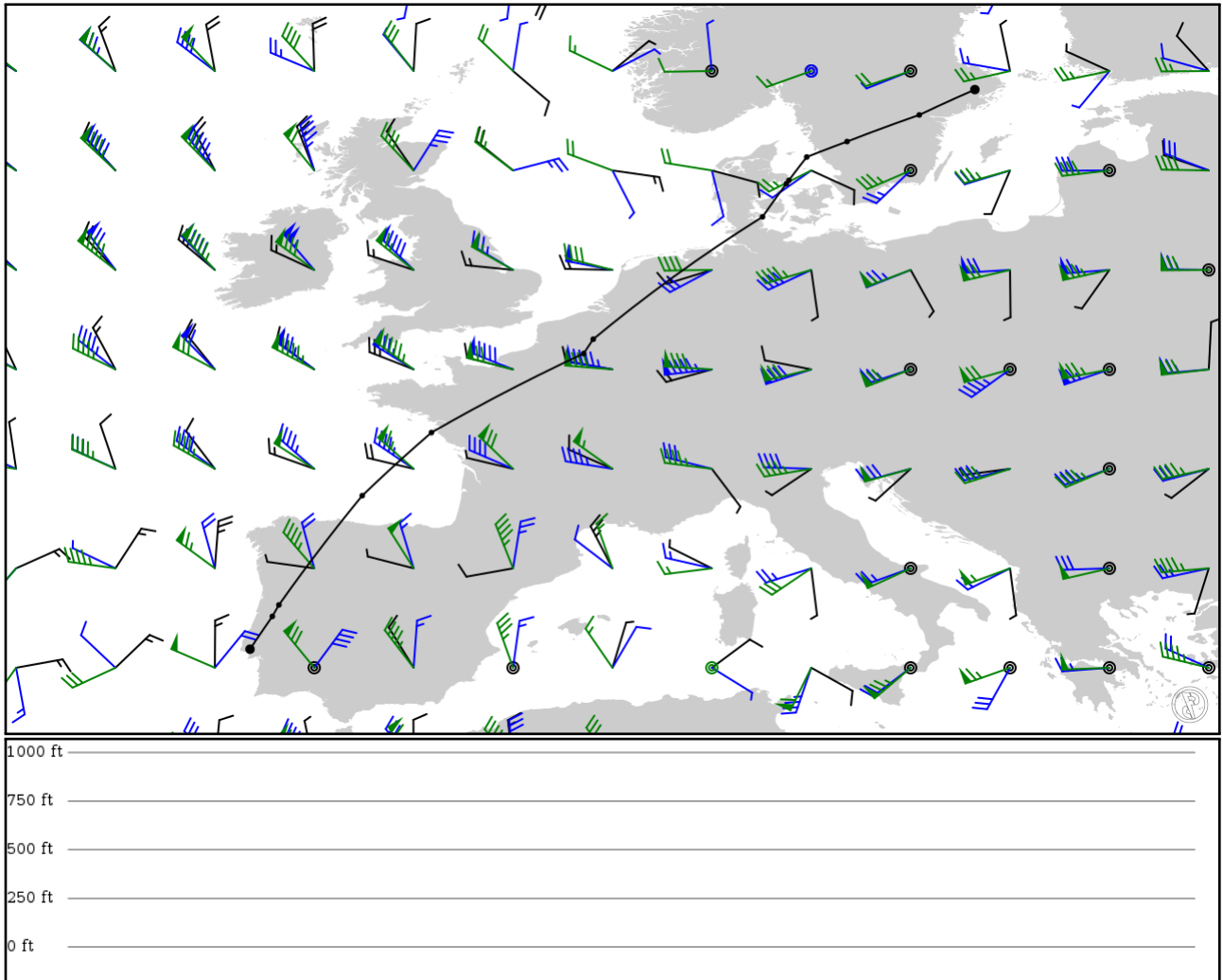


2024/05/15 0522Z

ESSA GIMLO LUKAX VADIN **M852** ALS MEDIL **UN872** LESDO ERIGA ATLEN ABETO INBOM LPPT

1644.49 nm / 3045.60 km



Notes

Requested: ESSA PETEV GIMLO LUKAX VADIN M852 ALS N872 MEDIL UN872 LESDO UM728 ERIGA UZ218 FUJTI ATLEN UN872 ABETO
Unmatched points: PETEV FUJTI

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|------|--------------|-------------------------|
| ESSA | - | 59.65190 | 0 ft | - | Stockholm Arlanda |
| APT | - | 17.91860 | 0 m | - | |
| GIMLO | - | 58.70700 | 0 ft | 85 | - |
| FIX | - | 15.84360 | 0 m | - | - |
| LUKAX | - | 57.71360 | 0 ft | 104 | - |
| FIX | - | 13.14840 | 0 m | - | - |
| VADIN | - | 57.13780 | 0 ft | 59 | - |
| FIX | - | 11.64390 | 0 m | - | - |
| GODOG | M852 | 56.26750 | 0 ft | 56 | - |
| FIX | AWY-HI | 10.97560 | 0 m | - | - |
| ADSEN | M852 | 56.14470 | 0 ft | 7 | - |
| FIX | AWY-HI | 10.88390 | 0 m | - | - |
| ALS | M852 | 54.90540 | 0 ft | 80 | ALSIE |
| VOR | AWY-HI | 9.99338 | 0 m | - | |
| MEDIL | - | 50.34210 | 0 ft | 357 | - |
| FIX | - | 3.67497 | 0 m | - | - |
| LESDO | UN872 | 49.80830 | 0 ft | 34 | - |
| FIX | AWY-HI | 3.31806 | 0 m | - | - |
| ERIGA | - | 46.86000 | 0 ft | 287 | - |
| FIX | - | -2.36306 | 0 m | - | - |
| ATLEN | - | 44.50540 | 0 ft | 178 | - |
| FIX | - | -4.94753 | 0 m | - | - |
| ABETO | - | 40.42970 | 0 ft | 280 | - |
| FIX | - | -8.05639 | 0 m | - | - |
| INBOM | - | 40.00190 | 0 ft | 28 | - |
| FIX | - | -8.30194 | 0 m | - | - |
| LPPT | - | 38.77880 | 0 ft | 83 | Lisboa Humberto Delgado |
| APT | - | -9.13519 | 0 m | - | |

ESSA

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 3

Elevation: 138 ft / 42 m
Location: 59.651900 17.918600
Magnetic Var: 7.124 E

METAR

ESSA 150450Z 18007KT CAVOK 12/06 Q1021 NOSIG

TAF

TAF ESSA 150230Z 1503/1603 18006KT CAVOK

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 | 68.72 | | 0 m | 49 m |
| 26 | 148 ft | 8,180 ft | 255.88 | ASPHALT | 0 ft | 161 ft |
| | 45 m | 2,493 m | 248.76 | | 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 | 3.26 | | 138 m |
| 01R | LOC-ILS | TSA | 109.35 MHz | 18 nm | 10.38 | - | 138 ft |
| | | | | 33 km | 3.26 | | 138 m |
| 19L | LOC-ILS | USA | 111.35 MHz | 18 nm | 190.38 | - | 138 ft |
| | | | | 33 km | 183.26 | | 138 m |
| 19R | LOC-ILS | NSA | 110.70 MHz | 18 nm | 190.38 | - | 138 ft |
| | | | | 33 km | 183.26 | | 138 m |
| 26 | LOC-ILS | ESA | 110.10 MHz | 18 nm | 255.86 | - | 138 ft |
| | | | | 33 km | 248.74 | | 138 m |
| 08 | LOC-LOC | WSA | 109.55 MHz | 18 nm | 75.86 | - | 138 ft |
| | | | | 33 km | 68.74 | | 138 m |
| 01L | GS | SSA | 109.90 MHz | 10 nm | 10.38 | 3.00 | 138 ft |
| | | | | 19 km | 3.26 | | 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 | 3.26 | | 138 m |
| 19L | GS | USA | 111.35 MHz | 10 nm | 190.38 | 3.00 | 138 ft |
| | | | | 19 km | 183.26 | | 138 m |
| 19R | GS | NSA | 110.70 MHz | 10 nm | 190.38 | 3.00 | 138 ft |
| | | | | 19 km | 183.26 | | 138 m |
| 26 | GS | ESA | 110.10 MHz | 10 nm | 255.86 | 3.00 | 138 ft |
| | | | | 19 km | 248.74 | | 138 m |

LPPT

Region: PORTUGAL
Timezone: EUROPE/LISBON
Runways: 2

Elevation: 374 ft / 114 m
Location: 38.778800 -9.135190
Magnetic Var: 1.568 W

METAR

LPPT 150500Z 31003KT 280V340 9999 FEW022 12/09 Q1014

TAF

TAF LPPT 142300Z 1500/1606 33005KT 9999 SCT020 BECMG 1509/1511 30013KT SCT035 TEMPO 1511/1515 BKN035 BECMG 1520/1

Frequencies

| | |
|------------------------------------|---------------------------------------|
| REC - 121.95 MHz - ATIS | REC - 124.15 MHz - ATIS |
| TWR - 118.10 MHz - LISBOA TOWER | TWR - 118.50 MHz - LISBOA TOWER |
| GND - 121.75 MHz - LISBOA GROUND | CLD - 118.95 MHz - CLEARANCE DELIVERY |
| APP - 119.10 MHz - LISBOA APPROACH | APP - 119.55 MHz - LISBOA APPROACH |
| APP - 125.35 MHz - LISBOA ARRIVAL | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 03 | 148 ft | 12,505 ft | 22.65 | ASPHALT | 302 ft | 0 ft |
| | 45 m | 3,812 m | 24.21 | | 92 m | 0 m |
| 21 | 148 ft | 12,505 ft | 202.66 | ASPHALT | 1,965 ft | 0 ft |
| | 45 m | 3,812 m | 204.23 | | 599 m | 0 m |
| 17 | 148 ft | 7,612 ft | 168.14 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 2,320 m | 169.71 | | 0 m | 0 m |
| 35 | 148 ft | 7,612 ft | 348.14 | ASPHALT | 194 ft | 299 ft |
| | 45 m | 2,320 m | 349.71 | | 59 m | 91 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 03 | DME | ILI | 109.10 MHz | 18 nm | - | - | 419 ft |
| | | | | 33 km | - | | 419 m |
| 21 | DME | ILB | 109.50 MHz | 18 nm | - | - | 423 ft |
| | | | | 33 km | - | | 423 m |
| 03 | LOC-ILS | ILI | 109.10 MHz | 18 nm | 22.66 | - | 374 ft |
| | | | | 33 km | 24.23 | | 374 m |
| 21 | LOC-ILS | ILB | 109.50 MHz | 18 nm | 202.59 | - | 335 ft |
| | | | | 33 km | 204.15 | | 335 m |
| 03 | GS | ILI | 109.10 MHz | 10 nm | 22.66 | 3.00 | 374 ft |
| | | | | 19 km | 24.23 | | 374 m |
| 21 | GS | ILB | 109.50 MHz | 10 nm | 203.42 | 3.00 | 423 ft |
| | | | | 19 km | 204.99 | | 423 m |