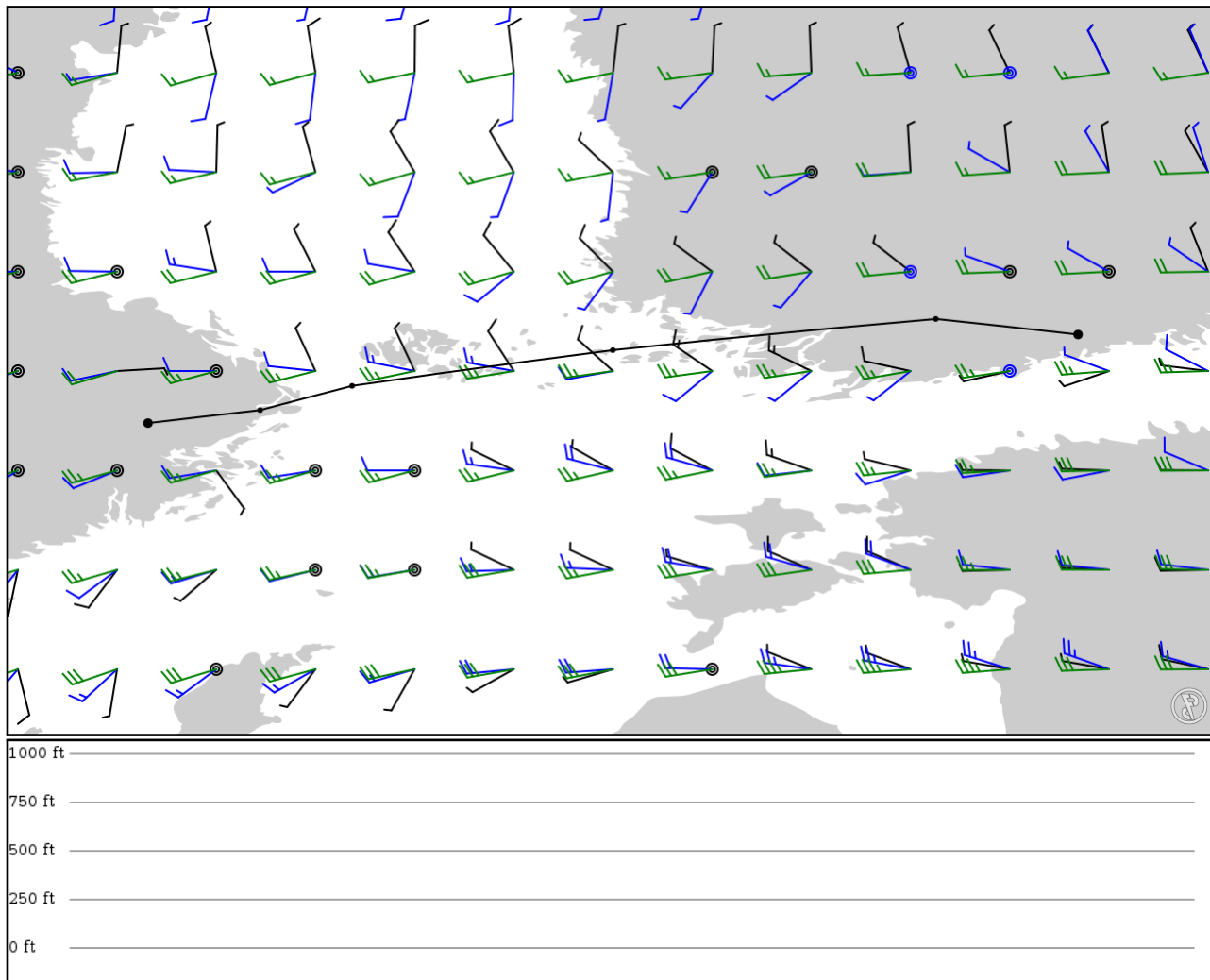


2024/05/28 2250Z

ESSA TOVRI OGLOB RIRIP LAKUT EFHK

218.02 nm / 403.77 km



Notes

Requested: ESSA TOVRI OGLOB RIRIP Y364 LAKUT EFHK

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|-----|------------|------|--------------|----------------------|
| ESSA | - | 59.65190 | 0 ft | - | Stockholm Arlanda |
| APT | - | 17.91860 | 0 m | - | |
| TOVRI | - | 59.74980 | 0 ft | 26 | - |
| FIX | - | 18.76680 | 0 m | - | - |
| OGLOB | - | 59.93310 | 0 ft | 23 | - |
| FIX | - | 19.46220 | 0 m | - | - |
| RIRIP | - | 60.20280 | 0 ft | 61 | - |
| FIX | - | 21.43420 | 0 m | - | - |
| LAKUT | - | 60.43810 | 0 ft | 73 | - |
| FIX | - | 23.87640 | 0 m | - | - |
| EFHK | - | 60.32040 | 0 ft | 32 | Helsinki Vantaa Intl |
| APT | - | 24.95220 | 0 m | - | |

ESSA

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 3

Elevation: 138 ft / 42 m
Location: 59.651900 17.918600
Magnetic Var: 7.130 E

METAR

ESSA 282220Z 12005KT CAVOK 15/11 Q1014 NOSIG

TAF

TAF ESSA 282030Z 2821/2921 14004KT CAVOK PROB40 2909/2914 SHRA BKN070CB BECMG 2912/2914 24010KT

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 | 183.25 | | 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 |

EFHK

Region: FINLAND
Timezone: EUROPE/HELSINKI
Runways: 3

Elevation: 180 ft / 55 m
Location: 60.320400 24.952200
Magnetic Var: 9.969 E

METAR

EFHK 282220Z 00000KT CAVOK 12/10 Q1017 NOSIG

TAF

TAF EFHK 282025Z 2821/2921 17005KT CAVOK PROB30 TEMPO 2909/2915 SHRA SCT060CB

Frequencies

| | |
|--|--|
| REC - 135.07 MHz - ATIS ARRIVAL | REC - 114.20 MHz - ATIS DEPARTURE |
| TWR - 119.70 MHz - HELSINKI TOWER | TWR - 118.85 MHz - HELSINKI TOWER |
| TWR - 118.60 MHz - HELSINKI TOWER | GND - 121.80 MHz - HELSINKI GROUND |
| GND - 118.12 MHz - HELSINKI GROUND | GND - 121.65 MHz - HELSINKI RAMP/TAXI |
| APP - 119.10 MHz - HELSINKI RADAR APPROACH | APP - 129.85 MHz - HELSINKI RADAR APPROACH |
| APP - 119.70 MHz - HELSINKI RADAR APPROACH | APP - 124.32 MHz - HELSINKI ARRIVAL |
| APP - 119.90 MHz - HELSINKI ARRIVAL | GND - 127.02 MHz - HELSINKI DE-ICING |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 04R | 197 ft | 11,459 ft | 47.48 | ASPHALT | 978 ft | 210 ft |
| | 60 m | 3,493 m | 37.51 | | 298 m | 64 m |
| 22L | 197 ft | 11,459 ft | 227.52 | ASPHALT | 0 ft | 207 ft |
| | 60 m | 3,493 m | 217.55 | | 0 m | 63 m |
| 04L | 197 ft | 10,047 ft | 47.42 | ASPHALT | 0 ft | 236 ft |
| | 60 m | 3,062 m | 37.45 | | 0 m | 72 m |
| 22R | 197 ft | 10,047 ft | 227.46 | ASPHALT | 253 ft | 177 ft |
| | 60 m | 3,062 m | 217.49 | | 77 m | 54 m |
| 15 | 197 ft | 9,497 ft | 153.07 | ASPHALT | 0 ft | 194 ft |
| | 60 m | 2,895 m | 143.10 | | 0 m | 59 m |
| 33 | 197 ft | 9,497 ft | 333.09 | ASPHALT | 0 ft | 197 ft |
| | 60 m | 2,895 m | 323.12 | | 0 m | 60 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 04L | DME | HTV | 111.90 MHz | 18 nm | - | - | 165 ft |
| | | | | 33 km | - | | 165 m |
| 04R | DME | HG | 111.50 MHz | 18 nm | - | - | 206 ft |
| | | | | 33 km | - | | 206 m |
| 15 | DME | HL | 109.10 MHz | 18 nm | - | - | 220 ft |
| | | | | 33 km | - | | 220 m |
| 22L | DME | HK | 110.30 MHz | 18 nm | - | - | 205 ft |
| | | | | 33 km | - | | 205 m |
| 22R | DME | HUO | 110.70 MHz | 18 nm | - | - | 207 ft |
| | | | | 33 km | - | | 207 m |
| 04L | LOC-ILS | HTV | 111.90 MHz | 18 nm | 47.45 | - | 180 ft |
| | | | | 33 km | 37.48 | | 180 m |
| 04R | LOC-ILS | HG | 111.50 MHz | 18 nm | 47.51 | - | 180 ft |
| | | | | 33 km | 37.54 | | 180 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 15 | LOC-ILS | HL | 109.10 MHz | 18 nm | 153.08 | - | 180 ft |
| | | | | 33 km | 143.11 | | 180 m |
| 22L | LOC-ILS | HK | 110.30 MHz | 18 nm | 227.51 | - | 180 ft |
| | | | | 33 km | 217.54 | | 180 m |
| 22R | LOC-ILS | HUO | 110.70 MHz | 18 nm | 227.45 | - | 180 ft |
| | | | | 33 km | 217.48 | | 180 m |
| 04L | GS | HTV | 111.90 MHz | 10 nm | 47.45 | 3.00 | 180 ft |
| | | | | 19 km | 37.48 | | 180 m |
| 04R | GS | HG | 111.50 MHz | 10 nm | 47.51 | 3.00 | 180 ft |
| | | | | 19 km | 37.54 | | 180 m |
| 15 | GS | HL | 109.10 MHz | 10 nm | 153.08 | 3.00 | 180 ft |
| | | | | 19 km | 143.11 | | 180 m |
| 22L | GS | HK | 110.30 MHz | 10 nm | 227.51 | 3.00 | 180 ft |
| | | | | 19 km | 217.54 | | 180 m |
| 22R | GS | HUO | 110.70 MHz | 10 nm | 227.45 | 3.00 | 180 ft |
| | | | | 19 km | 217.48 | | 180 m |