

ENGM

Oslo Gardermoen

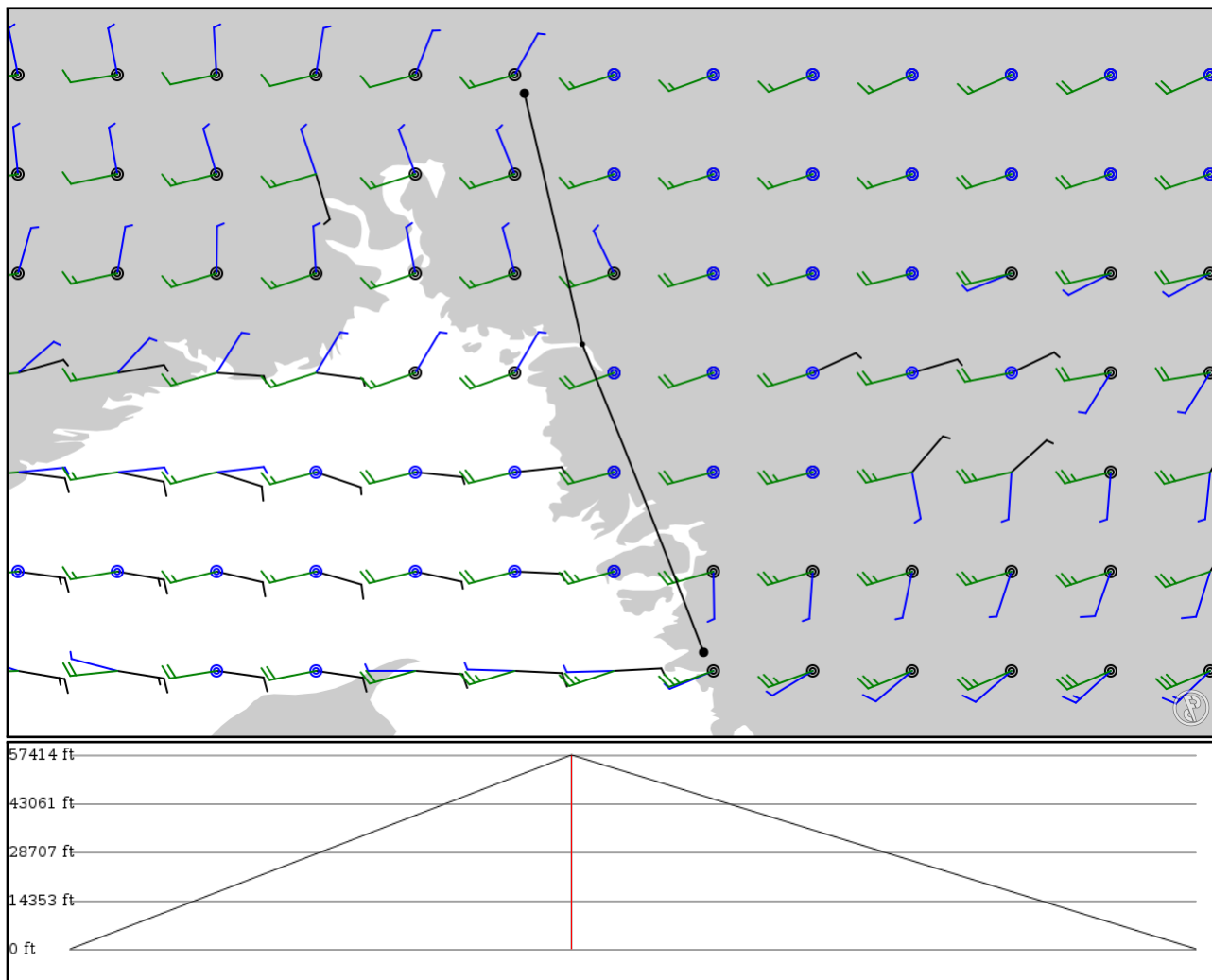
ESGP

Goteborg Save

2024/05/03 0135Z

ENGM REGMA ESGP

147.32 nm / 272.84 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: no

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|-----|------------|-----------|--------------|-----------------|
| ENGM | - | 60.19450 | 0 ft | - | Oslo Gardermoen |
| APT | - | 11.09890 | 0 m | | |
| REGMA | - | 59.10890 | 17,500 ft | 65 | - |
| FIX | - | 11.34940 | 5,334 m | | |
| ESGP | - | 57.77680 | 0 ft | 81 | Goteborg Save |
| APT | - | 11.87390 | 0 m | | |

ENGM

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 2

Elevation: 681 ft / 208 m
Location: 60.194500 11.098900
Magnetic Var: 4.477 E

METAR

ENGM 030120Z 03004KT CAVOK 05/M00 Q1020

TAF

TAF ENGM 022300Z 0300/0324 03007KT CAVOK

Frequencies

REC - 126.12 MHz - GARDERMOEN ARRIVAL INFORMATION
CLD - 121.67 MHz - GARDERMOEN DELIVERY WEST
GND - 121.75 MHz - GARDERMOEN GROUND
GND - 121.90 MHz - GARDERMOEN GROUND EAST
TWR - 120.10 MHz - GARDERMOEN TOWER
APP - 120.45 MHz - OSLO APPROACH

REC - 127.15 MHz - GARDERMOEN DEPARTURE INFORMATION
CLD - 121.92 MHz - GARDERMOEN DELIVERY EAST
GND - 121.60 MHz - GARDERMOEN GROUND WEST
TWR - 118.30 MHz - GARDERMOEN TOWER
APP - 118.47 MHz - OSLO APPROACH

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 01R | 148 ft | 9,664 ft | 16.01 | ASPHALT | 0 ft | 486 ft |
| | 45 m | 2,946 m | 11.53 | | 0 m | 148 m |
| 19L | 148 ft | 9,664 ft | 196.02 | ASPHALT | 0 ft | 489 ft |
| | 45 m | 2,946 m | 191.54 | | 0 m | 149 m |
| 01L | 148 ft | 11,797 ft | 15.99 | ASPHALT | 0 ft | 423 ft |
| | 45 m | 3,596 m | 11.52 | | 0 m | 129 m |
| 19R | 148 ft | 11,797 ft | 196.01 | ASPHALT | 0 ft | 486 ft |
| | 45 m | 3,596 m | 191.53 | | 0 m | 148 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 01L | DME | OBW | 110.30 MHz | 18 nm | - | - | 709 ft |
| | | | | 33 km | - | | 709 m |
| 01R | DME | ONE | 111.95 MHz | 18 nm | - | - | 723 ft |
| | | | | 33 km | - | | 723 m |
| 19L | DME | GME | 110.55 MHz | 18 nm | - | - | 729 ft |
| | | | | 33 km | - | | 729 m |
| 19R | DME | GSW | 111.30 MHz | 18 nm | - | - | 727 ft |
| | | | | 33 km | - | | 727 m |
| 01L | LOC-ILS | OBW | 110.30 MHz | 18 nm | 16.00 | - | 681 ft |
| | | | | 33 km | 11.52 | | 681 m |
| 01R | LOC-ILS | ONE | 111.95 MHz | 18 nm | 16.04 | - | 681 ft |
| | | | | 33 km | 11.56 | | 681 m |
| 19L | LOC-ILS | GME | 110.55 MHz | 18 nm | 196.04 | - | 681 ft |
| | | | | 33 km | 191.56 | | 681 m |
| 19R | LOC-ILS | GSW | 111.30 MHz | 18 nm | 196.00 | - | 681 ft |
| | | | | 33 km | 191.52 | | 681 m |
| 01L | GS | OBW | 110.30 MHz | 10 nm | 16.00 | 3.00 | 681 ft |
| | | | | 19 km | 11.52 | | 681 m |
| 01R | GS | ONE | 111.95 MHz | 10 nm | 16.04 | 3.00 | 681 ft |
| | | | | 19 km | 11.56 | | 681 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 19L | GS | GME | 110.55 MHz | 10 nm | 196.04 | 3.00 | 681 ft |
| | | | | 19 km | 191.56 | | 681 m |
| 19R | GS | GSW | 111.30 MHz | 10 nm | 196.00 | 3.00 | 681 ft |
| | | | | 19 km | 191.52 | | 681 m |

ESGP

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 2

Elevation: 59 ft / 18 m
Location: 57.776800 11.873900
Magnetic Var: 4.576 E

METAR

ESGP 030120Z AUTO 05007KT 9999 NCD 09/M00 Q1015

TAF

UNKNOWN

Frequencies

TWR - 119.05 MHz - AFIS
TWR - 129.10 MHz -
APP - 124.67 MHz - GOTEBOG CON

TWR - 129.10 MHz - AFIS
TWR - 119.05 MHz -

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 01 | 148 ft | 6,696 ft | 4.99 | ASPHALT | 203 ft | 0 ft |
| | 45 m | 2,041 m | 0.42 | | 62 m | 0 m |
| 19 | 148 ft | 6,696 ft | 185.00 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 2,041 m | 180.42 | | 0 m | 0 m |
| 04 | 90 ft | 2,814 ft | 44.39 | ASPHALT | 0 ft | 2,103 ft |
| | 28 m | 858 m | 39.81 | | 0 m | 641 m |
| 22 | 90 ft | 2,814 ft | 224.40 | ASPHALT | 0 ft | 653 ft |
| | 28 m | 858 m | 219.82 | | 0 m | 199 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 19 | DME | GP | 108.10 MHz | 18 nm | - | - | 70 ft |
| | | | | 33 km | - | | 70 m |
| 19 | LOC-ILS | GP | 108.10 MHz | 18 nm | 185.01 | - | 59 ft |
| | | | | 33 km | 180.44 | | 59 m |
| 19 | GS | GP | 108.10 MHz | 10 nm | 185.99 | 3.00 | 59 ft |
| | | | | 19 km | 181.41 | | 59 m |