

ENGM

Oslo Gardermoen

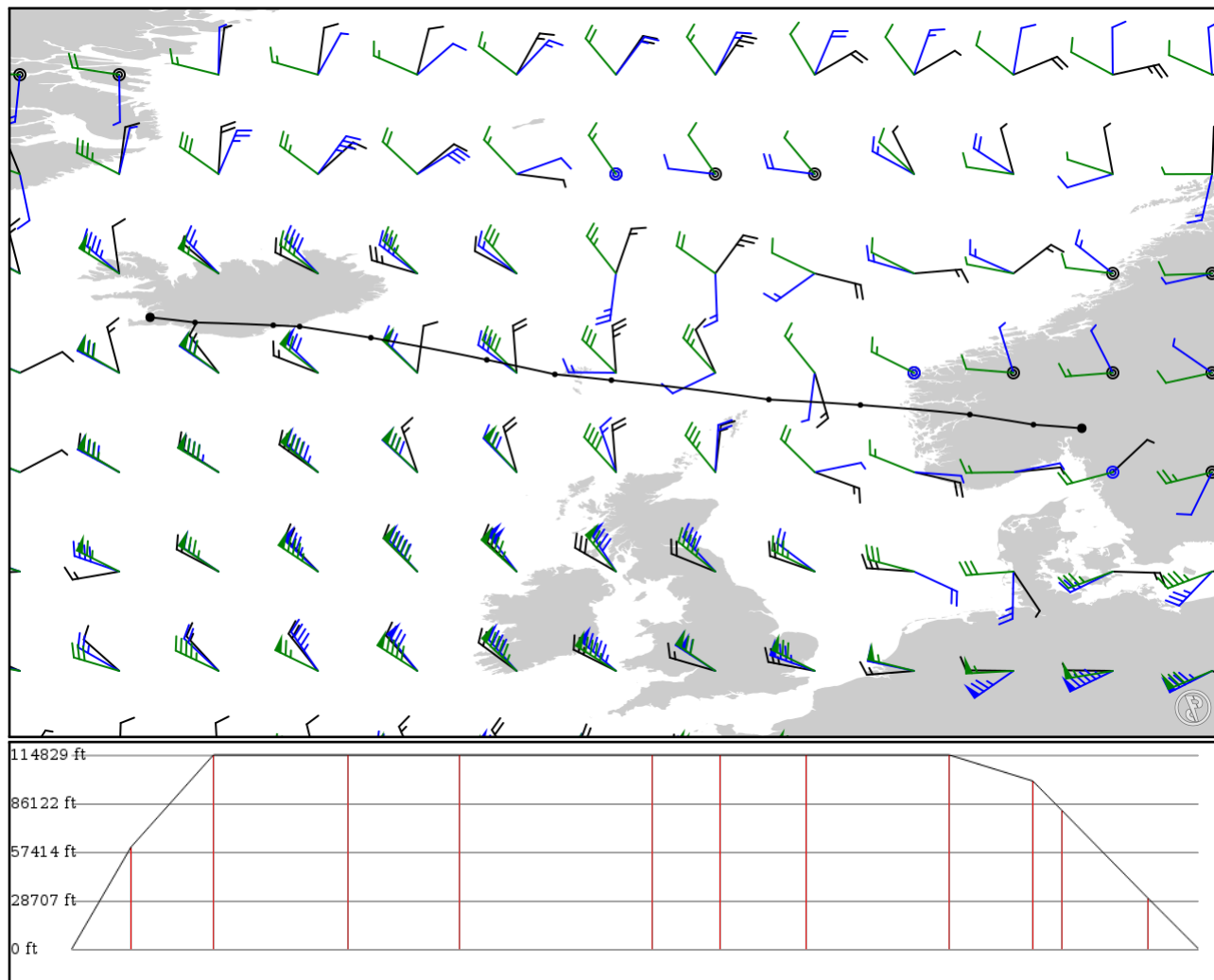
BIRK

Reykjavik

2024/06/05 1024Z

ENGM ADOPI **Z258** VALDI **G3** NASBU BIRK

963.51 nm / 1784.42 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 |
|---------------|----------------|-----------------------|-----------------------|--------------|-------------------|
| ENGM APT | - | 60.19450 11.09890 | 0 ft 0 m | - | Oslo Gardermoen |
| ADOPI FIX | - | 60.32360 9.38333 | 18,400 ft 5,608 m | 51 | - |
| VATEB FIX | Z258 AWY-HI | 60.68210 7.12812 | 35,000 ft 10,668 m | 70 | - |
| IPTOK FIX | Z258 AWY-HI | 61.02090 3.24605 | 35,000 ft 10,668 m | 115 | - |
| VALDI FIX | Z258 AWY-HI | 61.21440 0.00000 | 35,000 ft 10,668 m | 94 | - |
| CONNY FIX | G3 AWY-HI | 61.90000 -5.58333 | 35,000 ft 10,668 m | 164 | - |
| MY NDB | G3 AWY-HI | 62.10690 -7.58768 | 35,000 ft 10,668 m | 57 | MYGGENAES (VAGAR) |
| LARUX FIX | G3 AWY-HI | 62.62170 -10.00000 | 35,000 ft 10,668 m | 73 | - |
| ROSTI FIX | G3 AWY-HI | 63.40640 -14.11220 | 35,000 ft 10,668 m | 121 | - |
| ING VOR | G3 AWY-HI | 63.80310 -16.63810 | 30,300 ft 9,235 m | 71 | INGO |
| MIKLA FIX | G3 AWY-HI | 63.84830 -17.57420 | 25,000 ft 7,620 m | 24 | - |
| NASBU FIX | G3 AWY-HI | 63.94670 -20.34820 | 9,200 ft 2,804 m | 73 | - |
| BIRK APT | - | 64.13000 -21.94060 | 0 ft 0 m | 43 | Reykjavik |

ENGM

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 2

Elevation: 681 ft / 208 m
Location: 60.194500 11.098900
Magnetic Var: 4.493 E

METAR

ENGM 050950Z 18014KT 9999 FEW014 SCT056 BKN150 13/10 Q0993 NOSIG

TAF

TAF AMD ENGM 050702Z 0507/0606 16012KT 9999 -RA BKN020 TEMPO 0507/0513 16015G25KT 4000 SHRA BKN008 SCT020CB BECMG

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 | 11.51 | | 0 m | 148 m |
| 19L | 148 ft | 9,664 ft | 196.02 | ASPHALT | 0 ft | 489 ft |
| | 45 m | 2,946 m | 191.53 | | 0 m | 149 m |
| 01L | 148 ft | 11,797 ft | 15.99 | ASPHALT | 0 ft | 423 ft |
| | 45 m | 3,596 m | 11.50 | | 0 m | 129 m |
| 19R | 148 ft | 11,797 ft | 196.01 | ASPHALT | 0 ft | 486 ft |
| | 45 m | 3,596 m | 191.52 | | 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 | 11.51 | | 681 m |
| 01R | LOC-ILS | ONE | 111.95 MHz | 18 nm | 16.04 | - | 681 ft |
| | | | | 33 km | 11.55 | | 681 m |
| 19L | LOC-ILS | GME | 110.55 MHz | 18 nm | 196.04 | - | 681 ft |
| | | | | 33 km | 191.55 | | 681 m |
| 19R | LOC-ILS | GSW | 111.30 MHz | 18 nm | 196.00 | - | 681 ft |
| | | | | 33 km | 191.51 | | 681 m |
| 01L | GS | OBW | 110.30 MHz | 10 nm | 16.00 | 3.00 | 681 ft |
| | | | | 19 km | 11.51 | | 681 m |
| 01R | GS | ONE | 111.95 MHz | 10 nm | 16.04 | 3.00 | 681 ft |
| | | | | 19 km | 11.55 | | 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 | 191.55 | | 681 m |
| 19R | GS | GSW | 111.30 MHz | 10 nm | 196.00 | 3.00 | 681 ft |
| | | | | 19 km | 191.51 | | 681 m |

BIRK

Region: ICELAND
Timezone: ATLANTIC/REYKJAVIK
Runways: 2

Elevation: 43 ft / 13 m
Location: 64.130000 -21.940600
Magnetic Var: 12.062 W

METAR

BIRK 051000Z 33018KT 9999 FEW022 SCT033 BKN053 07/01 Q1015

TAF

TAF BIRK 050740Z 0509/0609 34022KT 9999 SCT030 TX09/0515Z TN04/0606Z TEMPO 0509/0522 32027G37KT BECMG 0522/0600 3

Frequencies

REC - 128.10 MHz - REYKJAVIK INFORMATION
TWR - 118.00 MHz - REYKJAVIK TOWER
GND - 121.70 MHz - REYKJAVIK GROUND
APP - 119.00 MHz - REYKJAVIK APPROACH

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 01 | 148 ft | 5,243 ft | 355.27 | ASPHALT | 400 ft | 0 ft |
| | 45 m | 1,598 m | 7.33 | | 122 m | 0 m |
| 19 | 148 ft | 5,243 ft | 175.27 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 1,598 m | 187.33 | | 0 m | 0 m |
| 13 | 148 ft | 4,184 ft | 116.31 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 1,275 m | 128.37 | | 0 m | 0 m |
| 31 | 148 ft | 4,184 ft | 296.33 | ASPHALT | 374 ft | 0 ft |
| | 45 m | 1,275 m | 308.39 | | 114 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 19 | LOC-ILS | IRK | 109.90 MHz | 18 nm | 175.27 | - | 42 ft |
| | | | | 33 km | 187.33 | | 42 m |
| 13 | LOC-LOC | IRE | 109.10 MHz | 18 nm | 116.32 | - | 42 ft |
| | | | | 33 km | 128.38 | | 42 m |
| 19 | GS | IRK | 109.90 MHz | 10 nm | 175.27 | 3.50 | 42 ft |
| | | | | 19 km | 187.33 | | 42 m |