

# ENGM

Oslo Gardermoen

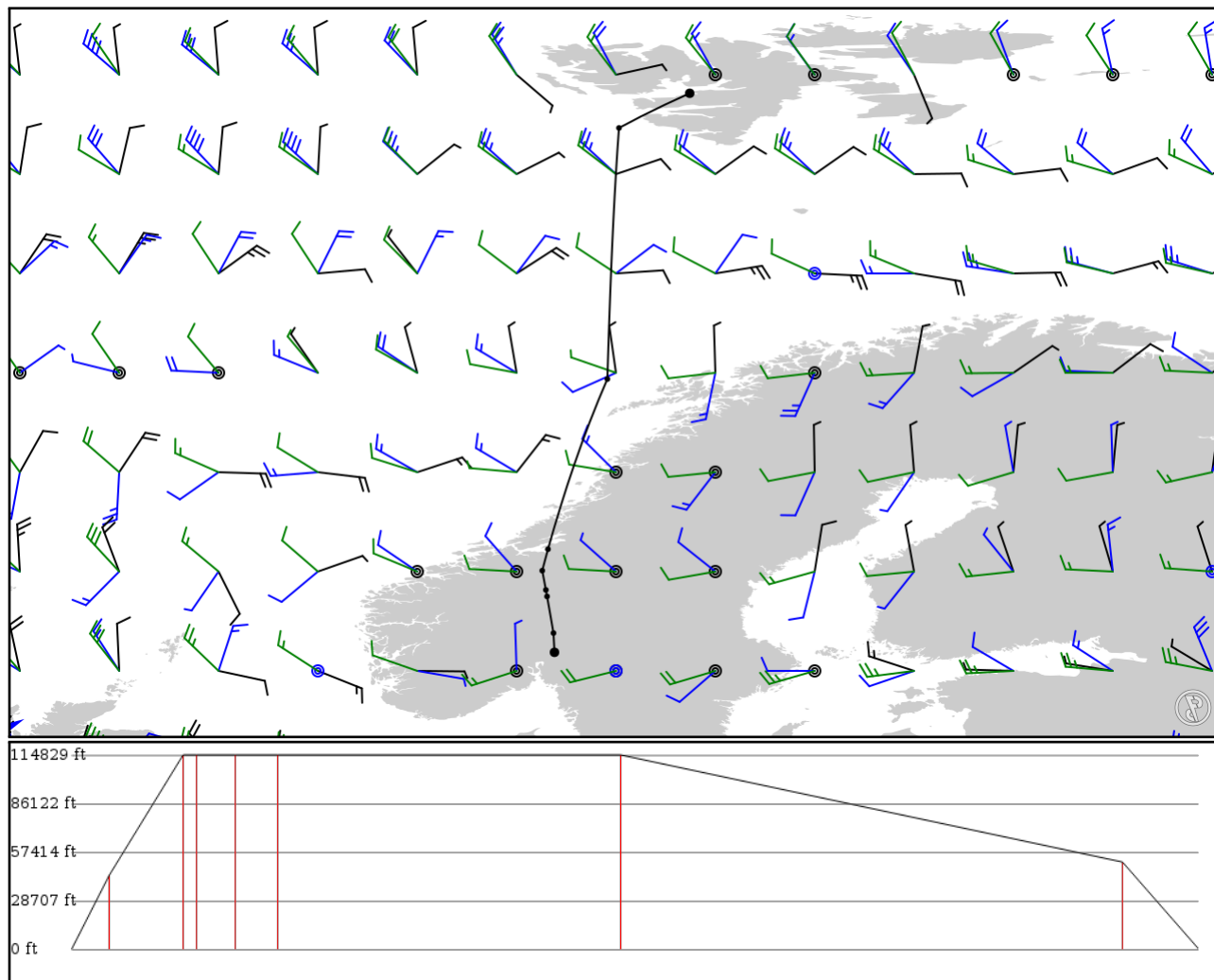
# ENSB

Svalbard Longyear

2024/05/18 0126Z

ENGM PIVAT **P601** UTUNA **M609** NONVU **M604** ATSOT ENSB

1094.20 nm / 2026.45 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	-	60.19450	0 ft	-	Oslo Gardermoen
APT	-	11.09890	0 m	-	
PIVAT	-	60.81670	13,300 ft	37	-
FIX	-	11.06670	4,054 m	-	
AMOX	P601	62.00000	35,000 ft	71	-
FIX	AWY-HI	10.85950	10,668 m	-	
VEXOM	P601	62.21060	35,000 ft	12	-
FIX	AWY-HI	10.82090	10,668 m	-	
UTUNA	P601	62.83270	35,000 ft	37	-
FIX	AWY-HI	10.70370	10,668 m	-	
NONVU	M609	63.52590	35,000 ft	41	-
FIX	AWY-HI	10.89010	10,668 m	-	
OMEXA	M604	69.01970	35,000 ft	333	-
FIX	AWY-HI	12.80680	10,668 m	-	
ATSOT	M604	77.12680	15,700 ft	486	-
FIX	AWY-HI	13.18210	4,785 m	-	
ENSB	-	78.24610	0 ft	73	Svalbard Longyear
APT	-	15.46560	0 m	-	

## ENGM

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 2

Elevation: 681 ft / 208 m  
Location: 60.194500 11.098900  
Magnetic Var: 4.484 E

## METAR

ENGM 180120Z 01003KT CAVOK 09/03 Q1018

## TAF

TAF ENGM 172300Z 1800/1824 36003KT CAVOK BECMG 1808/1810 19010KT BECMG 1819/1821 VRB03KT

## 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	11.52		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	11.51		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	11.52		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

## ENSB

Region: NORWAY

Timezone: ARCTIC/LONGYEARBYEN

Runways: 1

Elevation: 94 ft / 29 m

Location: 78.246100 15.465600

Magnetic Var: 11.205 E

## METAR

ENSB 180050Z 02005KT 9999 FEW025 BKN060 M02/M07 Q1012 RMK WIND 1400FT 06004KT

## TAF

TAF ENSB 172300Z 1800/1824 VRB03KT 9999 SCT020 BKN040 TEMPO 1812/1824 4000 -SHSN VV014 BECMG 1812/1814 01010KT

## Frequencies

TWR - 118.10 MHz - SVALBARD TOWER

REC - 119.85 MHz - SVALBARD INFORMATION

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	8,154 ft	105.17	ASPHALT	712 ft	0 ft
	45 m	2,485 m	93.96		217 m	0 m
28	148 ft	8,154 ft	285.27	ASPHALT	374 ft	0 ft
	45 m	2,485 m	274.07		114 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	LOC-ILS	LB	110.30 MHz	18 nm	105.42	-	111 ft
				33 km	94.22		111 m
28	LOC-LOC	LA	109.50 MHz	18 nm	302.89	-	153 ft
				33 km	291.69		153 m
10	GS	LB	110.30 MHz	10 nm	105.73	3.00	88 ft
				19 km	94.53		88 m