

# ENGM

Oslo Gardermoen

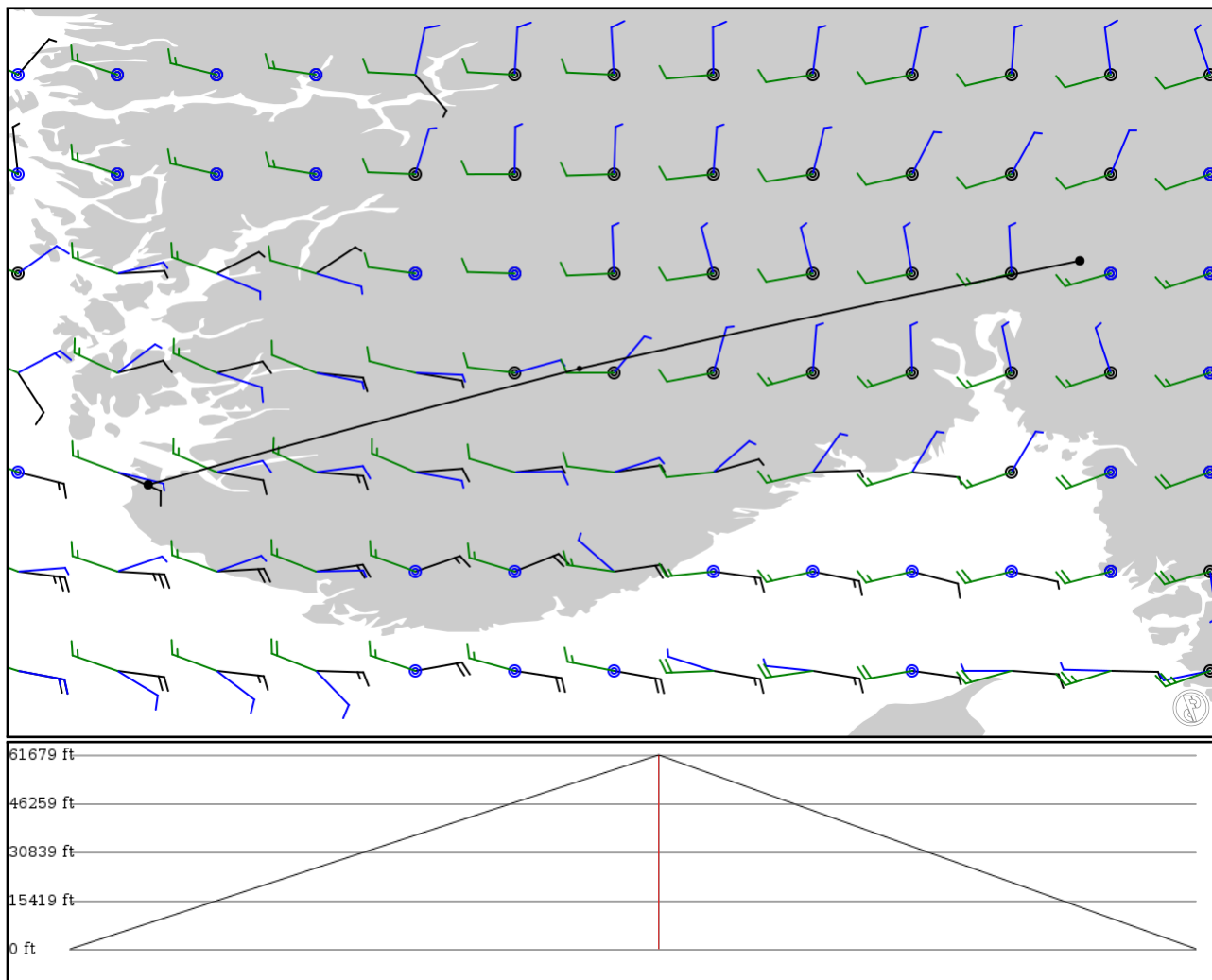
# ENZV

Stavanger Lufthavn Sola

2024/04/28 0248Z

ENGM NULNO ENZV

184.20 nm / 341.13 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		
NULNO	-	59.56240	18,800 ft	96	-
FIX	-	8.16223	5,730 m		
ENZV	-	58.88030	0 ft	87	Stavanger Lufthavn Sola
APT	-	5.63138	0 m		

## ENGM

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 2

Elevation: 681 ft / 208 m  
Location: 60.194500 11.098900  
Magnetic Var: 4.475 E

## METAR

ENGM 280220Z 36003KT CAVOK M02/M04 Q1017

## TAF

TAF ENGM 272300Z 2800/2824 01005KT 9999 BKN040 BECMG 2806/2808 BKN012 TEMPO 2806/2818 4000 RADZ BR BKN008 BECMG 28

## 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	191.55		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	11.53		681 m
01R	LOC-ILS	ONE	111.95 MHz	18 nm	16.04	-	681 ft
				33 km	11.57		681 m
19L	LOC-ILS	GME	110.55 MHz	18 nm	196.04	-	681 ft
				33 km	191.57		681 m
19R	LOC-ILS	GSW	111.30 MHz	18 nm	196.00	-	681 ft
				33 km	191.53		681 m
01L	GS	OBW	110.30 MHz	10 nm	16.00	3.00	681 ft
				19 km	11.53		681 m
01R	GS	ONE	111.95 MHz	10 nm	16.04	3.00	681 ft
				19 km	11.57		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	191.57		681 m
19R	GS	GSW	111.30 MHz	10 nm	196.00	3.00	681 ft
				19 km	191.53		681 m

## ENZV

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 2

Elevation: 27 ft / 8 m  
Location: 58.880300 5.631380  
Magnetic Var: 2.179 E

## METAR

ENZV 280220Z AUTO 06009KT 9999 -RA ///043/// 05/03 Q1013

## TAF

TAF ENZV 272300Z 2800/2824 VRB03KT 9999 -RA FEW030 BECMG 2809/2812 15015G25KT TEMPO 2812/2824 15025G35KT RA

## Frequencies

REC - 126.00 MHz - ATIS  
TWR - 118.35 MHz -  
APP - 119.60 MHz - RADAR

GND - 121.75 MHz -  
TWR - 122.10 MHz -  
APP - 118.50 MHz - ARR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18	197 ft	8,176 ft	179.13	ASPHALT	0 ft	0 ft
	60 m	2,492 m	176.96		0 m	0 m
36	197 ft	8,176 ft	359.13	ASPHALT	0 ft	0 ft
	60 m	2,492 m	356.96		0 m	0 m
11	148 ft	8,022 ft	106.31	ASPHALT	322 ft	0 ft
	45 m	2,445 m	104.13		98 m	0 m
29	148 ft	8,022 ft	286.35	ASPHALT	509 ft	0 ft
	45 m	2,445 m	284.17		155 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	DME	ZL	109.50 MHz	18 nm	-	-	37 ft
				33 km	-		37 m
36	DME	SL	111.35 MHz	18 nm	-	-	79 ft
				33 km	-		79 m
11	LOC-ILS	ZL	109.50 MHz	18 nm	106.33	-	27 ft
				33 km	104.15		27 m
18	LOC-ILS	ZV	110.30 MHz	18 nm	179.13	-	27 ft
				33 km	176.95		27 m
36	LOC-ILS	SL	111.35 MHz	18 nm	359.13	-	27 ft
				33 km	356.95		27 m
11	GS	ZL	109.50 MHz	10 nm	106.33	3.00	27 ft
				19 km	104.15		27 m
18	GS	ZV	110.30 MHz	10 nm	179.13	3.00	27 ft
				19 km	176.95		27 m
36	GS	SL	111.35 MHz	10 nm	359.13	3.00	27 ft
				19 km	356.95		27 m