

# ENGM

Oslo Gardermoen

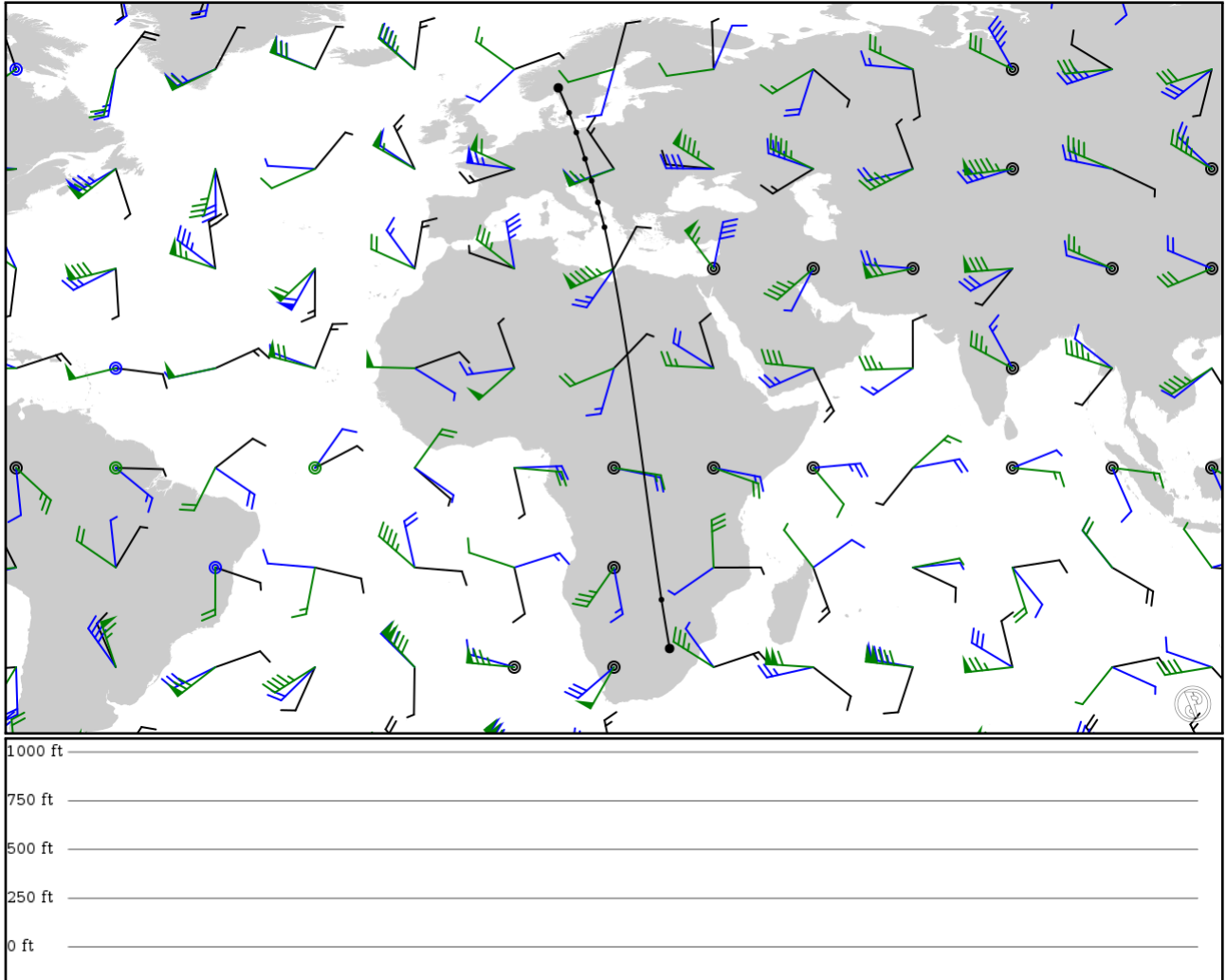
# FAJS

Johannesburg Or Thambo Intl

2024/05/13 1317Z

ENGM LB PEKIP TABEM ZAG03 ORAKA TOMGI VWN JB000 FAJS

5254.04 nm / 9730.48 km



## Notes

Generated

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ENGM	-	60.17576	0 ft	-	-
APT	-	11.10778	0 m	-	-
LB	-	56.34656	0 ft	235	Angelholm NDB
NDB	-	12.76642	0 m	-	-
PEKIP	-	53.30556	0 ft	186	-
FIX	-	13.88639	0 m	-	-
TABEM	-	49.24331	0 ft	249	-
FIX	-	15.22147	0 m	-	-
ZAG03	-	45.86143	0 ft	207	-
FIX	-	16.25434	0 m	-	-
ORAKA	-	42.53694	0 ft	203	-
FIX	-	17.20056	0 m	-	-
TOMGI	-	38.71806	0 ft	234	-
FIX	-	18.22139	0 m	-	-
VWN	-	-18.64042	0 ft	3480	HWANGE VOR-DME
VOR	-	26.99350	0 m	-	-
JB000	-	-26.10754	0 ft	453	-
FIX	-	28.24823	0 m	-	-
FAJS	-	-26.16465	0 ft	3	-
APT	-	28.24818	0 m	-	-

## ENGM

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 2

Elevation: 681 ft / 208 m  
Location: 60.194500 11.098900  
Magnetic Var: 4.482 E

## METAR

ENGM 131250Z VRB04KT CAVOK 21/04 Q1020 NOSIG

## TAF

TAF ENGM 131100Z 1312/1412 20008KT 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	11.51		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