

# ENGM

Oslo Gardermoen

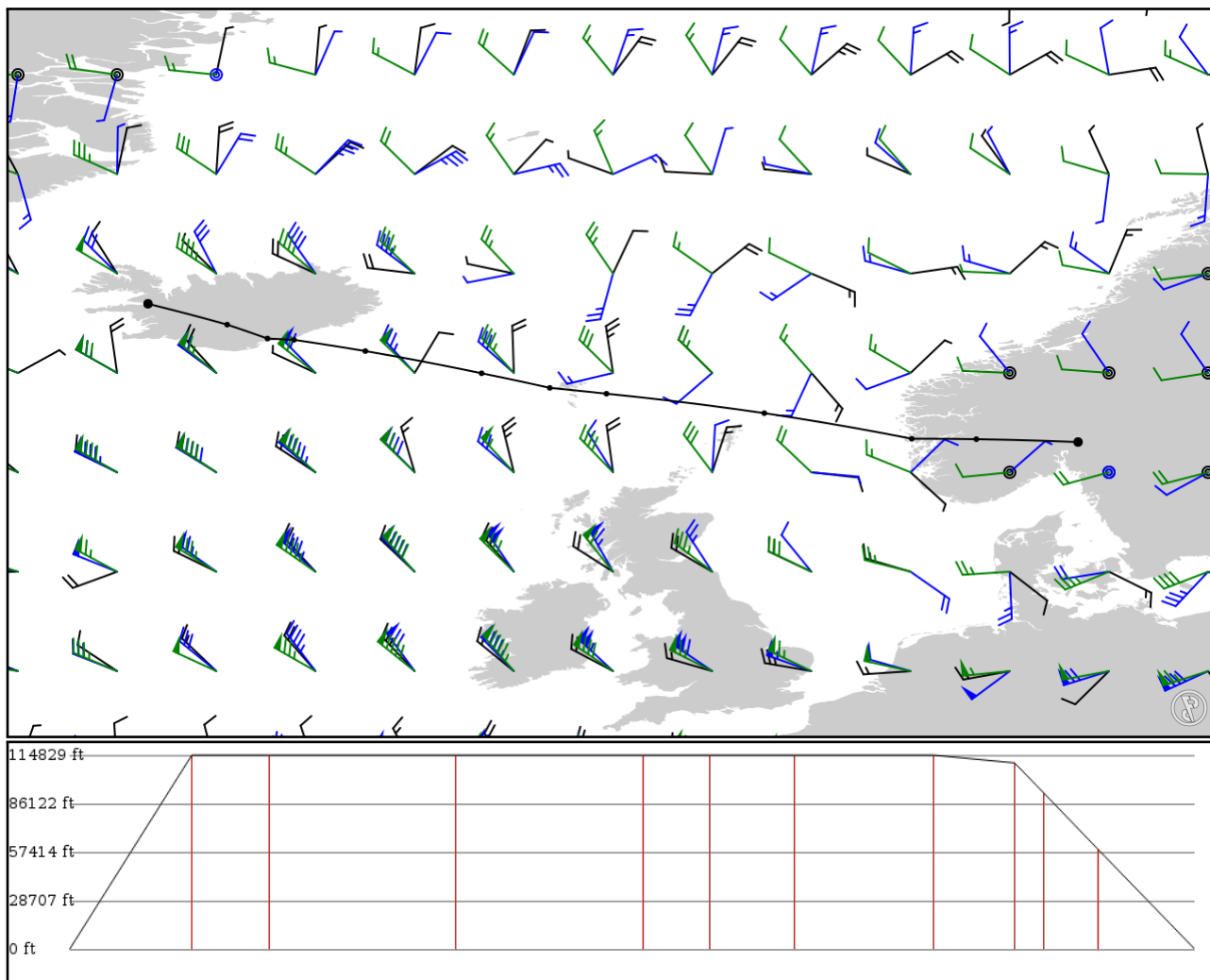
# BIBR

Budardalur

2024/05/04 0536Z

ENGM SOPAR **N623** FLS **UG3** VALDI **G3** MIKLA THORI BIBR

984.37 nm / 1823.06 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	-	60.19451 11.09900	0 ft 0 m	-	Oslo Gardermoen
SOPAR FIX	-	60.29556 7.50000	35,000 ft 10,668 m	107	-
FLS VOR	N623 AWY-LO	60.31126 5.21219	35,000 ft 10,668 m	68	FLESLAND VOR-DME
VALDI FIX	UG3 AWY-HI	61.21417 0.00000	35,000 ft 10,668 m	162	-
CONNY FIX	G3 AWY-LO	61.90000 -5.58333	35,000 ft 10,668 m	164	-
MY NDB	G3 AWY-LO	62.10694 -7.58778	35,000 ft 10,668 m	57	MYGGENES NDB
LINDA FIX	G3 AWY-LO	62.62167 -10.00000	35,000 ft 10,668 m	73	-
ROSTI FIX	G3 AWY-LO	63.40639 -14.11222	35,000 ft 10,668 m	121	-
ING VOR	G3 AWY-LO	63.80306 -16.63806	33,600 ft 10,241 m	71	INGO VOR-DME
MIKLA FIX	G3 AWY-LO	63.84833 -17.57417	28,200 ft 8,595 m	24	-
THORI FIX	-	64.34000 -19.00000	18,000 ft 5,486 m	47	-
BIBR APT	-	65.07466 -21.80176	0 ft 0 m	84	Budardalur

## ENGM

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 2

Elevation: 681 ft / 208 m  
Location: 60.194500 11.098900  
Magnetic Var: 4.478 E

## METAR

ENGM 040520Z 03004KT 010V080 CAVOK 08/02 Q1016 NOSIG

## TAF

TAF ENGM 032300Z 0400/0424 01005KT CAVOK BECMG 0412/0414 13010KT BECMG 0420/0422 01005KT

## 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