

EGBB
Birmingham

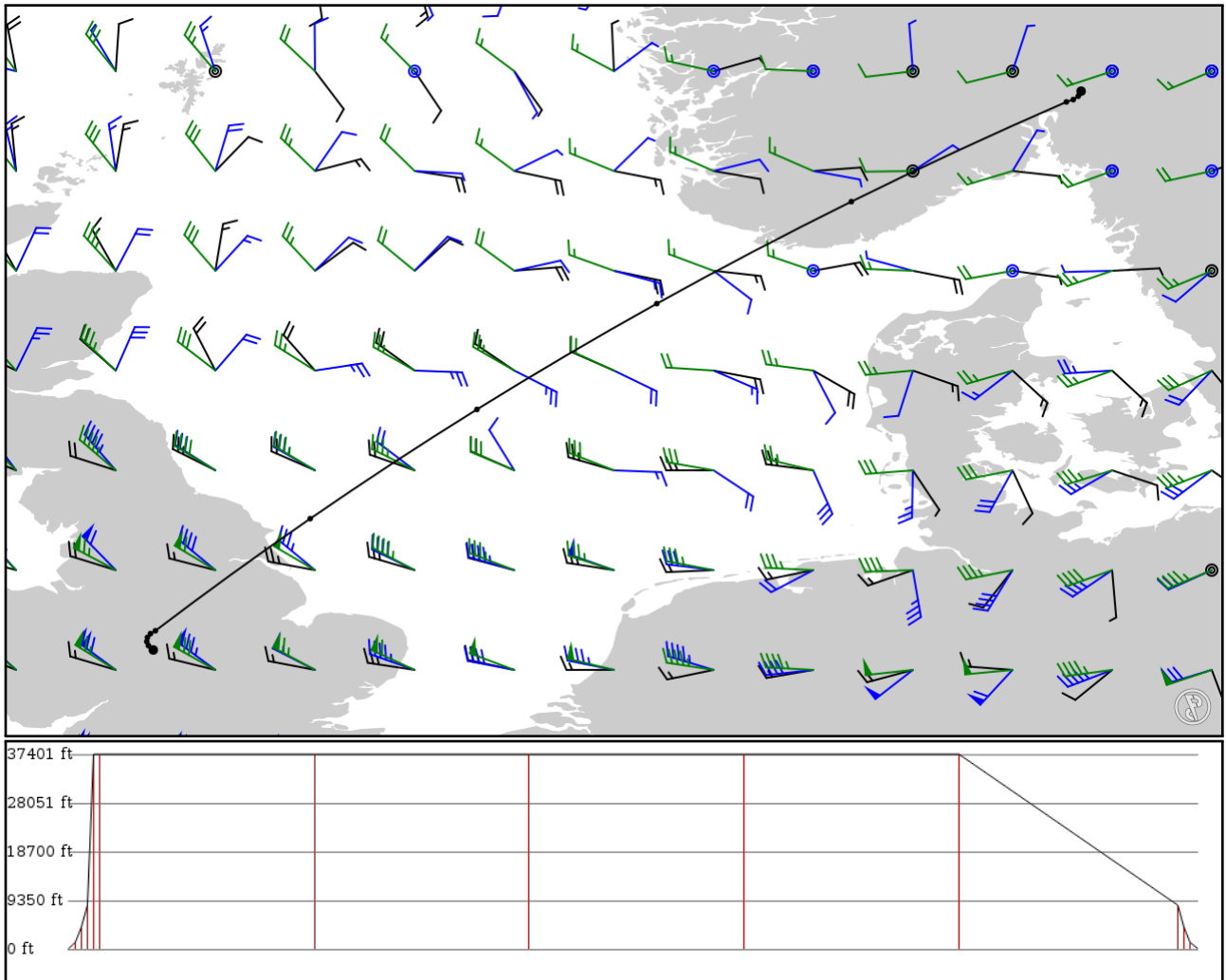
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ENGM
Oslo Gardermoen

2024/05/07 0319Z

EGBB +52.53_-001.83 +52.58_-001.85 +52.64_-001.84 +52.69_-001.80 +52.73_-001.73 +54.28_+000.41
+55.79_+002.72 +57.25_+005.20 +58.66_+007.89 +60.04_+010.87 +60.07_+010.97 +60.12_+011.03 ENGM

634.24 nm / 1174.62 km



Notes

Departing runway 32 EGBB. Arriving runway 1 ENGM.

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EGBB	-	52.46556	0 ft	-	-
APT	-	-1.76111	0 m		
+52.53_-001.83	-	52.52538	400 ft	4	-
LATLON	-	-1.82798	122 m		
+52.58_-001.85	-	52.58150	1,290 ft	3	-
LATLON	-	-1.85136	393 m		
+52.64_-001.84	-	52.63910	2,570 ft	3	-
LATLON	-	-1.84174	783 m		
+52.69_-001.80	-	52.69122	11,400 ft	3	-
LATLON	-	-1.80018	3,475 m		
+52.73_-001.73	-	52.73157	11,400 ft	3	-
LATLON	-	-1.73165	3,475 m		
+54.28_+000.41	-	54.27957	11,400 ft	120	-
LATLON	-	0.40941	3,475 m		
+55.79_+002.72	-	55.78828	11,400 ft	120	-
LATLON	-	2.71545	3,475 m		
+57.25_+005.20	-	57.25038	11,400 ft	120	-
LATLON	-	5.20431	3,475 m		
+58.66_+007.89	-	58.65928	11,400 ft	120	-
LATLON	-	7.89490	3,475 m		
+60.04_+010.87	-	60.03618	2,570 ft	122	-
LATLON	-	10.86940	783 m		
+60.07_+010.97	-	60.06858	1,290 ft	3	-
LATLON	-	10.96550	393 m		
+60.12_+011.03	-	60.11543	400 ft	3	-
LATLON	-	11.03370	122 m		
ENGM	-	60.18500	0 ft	4	-
APT	-	11.07374	0 m		

EGBB

Region: UNITED KINGDOM
Timezone: EUROPE/LONDON
Runways: 1

Elevation: 338 ft / 103 m
Location: 52.454300 -1.748520
Magnetic Var: 0.166 W

METAR

EGBB 070250Z 33006KT 8000 SCT010 12/11 Q1018

TAF

TAF EGBB 062257Z 0700/0724 01005KT 9999 FEW040 PROB40 TEMPO 0700/0708 6000 BKN009

Frequencies

APP - 118.05 MHz - BIRMINGHAM APPROACH
GND - 121.80 MHz - BIRMINGHAM GROUND
APP - 131.00 MHz - BIRMINGHAM DIRECTOR
TWR - 118.30 MHz - BIRMINGHAM TOWER
APP - 118.05 MHz - BIRMINGHAM RADAR
REC - 136.02 MHz - BIRMINGHAM INFORMATION

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	148 ft	9,999 ft	145.88	ASPHALT	922 ft	0 ft
	45 m	3,048 m	146.05		281 m	0 m
33	148 ft	9,999 ft	325.90	ASPHALT	1,421 ft	0 ft
	45 m	3,048 m	326.07		433 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	IBIR	110.10 MHz	18 nm	-	-	349 ft
				33 km	-		349 m
33	DME	IBM	110.10 MHz	18 nm	-	-	327 ft
				33 km	-		327 m
15	LOC-ILS	IBIR	110.10 MHz	18 nm	145.90	-	338 ft
				33 km	146.07		338 m
33	LOC-ILS	IBM	110.10 MHz	18 nm	325.90	-	338 ft
				33 km	326.07		338 m
15	GS	IBIR	110.10 MHz	10 nm	145.90	3.00	338 ft
				19 km	146.07		338 m
33	GS	IBM	110.10 MHz	10 nm	325.90	3.00	338 ft
				19 km	326.07		338 m

ENGM

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 2

Elevation: 681 ft / 208 m
Location: 60.194500 11.098900
Magnetic Var: 4.479 E

METAR

ENGM 070250Z VRB01KT 9999 BKN038 05/03 Q1020

TAF

TAF ENGM 062300Z 0700/0724 07005KT 9999 BKN040 BECMG 0707/0709 18010KT PROB40 TEMPO 0714/0719 BKN030 FEW040CB

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