

ENGM

Oslo Gardermoen

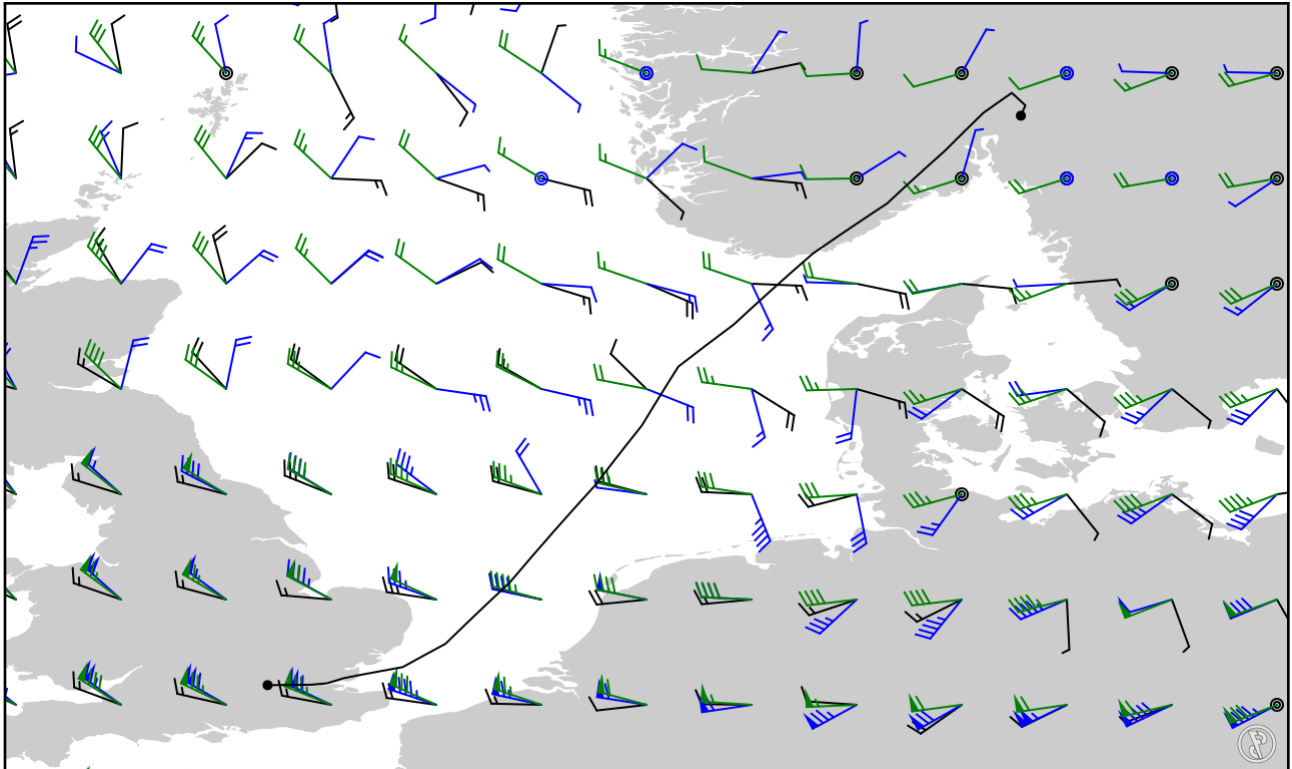
EGLL

London Heathrow

2024/05/05 0653Z

ENGM FD19 GM517 GM619 INGAR PIPEX **M609** SVA **M604** DANKO TALUL GOLUM AKOXA LONAM KOLAG SONOG LOGAN
TUGPO SPEAR NEPNA SOSIG EGLL

720.19 nm / 1333.79 km



1000 ft

750 ft

500 ft

250 ft

0 ft

Notes

Requested: ENGM FD19 GM517 GM619 INGAR PIPEX M609 SVA M604 DANKO P850 TALUL GOLUM P144 AKOXA LONAM KOLAG SONOG LOGAN

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ENGM	-	60.19450	0 ft	-	Oslo Gardermoen
APT	-	11.09890	0 m	-	
FD19	-	60.35200	0 ft	9	-
FIX	-	11.16800	0 m	-	-
GM517	-	60.54470	0 ft	13	-
FIX	-	10.95970	0 m	-	-
GM619	-	60.23810	0 ft	22	-
FIX	-	10.52390	0 m	-	-
INGAR	-	59.65920	0 ft	39	-
FIX	-	9.93511	0 m	-	-
PIPEX	-	58.84730	0 ft	55	-
FIX	-	9.04226	0 m	-	-
VAVET	M609	58.64620	0 ft	15	-
FIX	AWY-HI	8.73716	0 m	-	-
SVA	M609	58.08450	0 ft	42	SVENSHEIA (KRISTIANSAND)
VOR	AWY-HI	7.90831	0 m	-	
LANTI	M604	57.48390	0 ft	42	-
FIX	AWY-HI	7.22743	0 m	-	-
DANKO	M604	57.00000	0 ft	33	-
FIX	AWY-HI	6.69783	0 m	-	-
TALUL	-	56.35140	0 ft	48	-
FIX	-	5.84222	0 m	-	-
GOLUM	-	55.45000	0 ft	57	-
FIX	-	5.28333	0 m	-	-
AKOXA	-	54.53090	0 ft	60	-
FIX	-	4.56424	0 m	-	-
LONAM	-	53.83960	0 ft	46	-
FIX	-	3.94254	0 m	-	-
KOLAG	-	53.04350	0 ft	53	-
FIX	-	3.25488	0 m	-	-
SONOG	-	52.10560	0 ft	66	-
FIX	-	2.26944	0 m	-	-
LOGAN	-	51.74760	0 ft	32	-
FIX	-	1.61183	0 m	-	-
TUGPO	-	51.61940	0 ft	27	-
FIX	-	0.91444	0 m	-	-
SPEAR	-	51.57610	0 ft	8	-
FIX	-	0.70028	0 m	-	-
NEPNA	-	51.49950	0 ft	10	-
FIX	-	0.44904	0 m	-	-
SOSIG	-	51.47800	0 ft	9	-
FIX	-	0.20652	0 m	-	-
EGLL	-	51.47120	0 ft	24	London Heathrow
APT	-	-0.46088	0 m	-	

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 050620Z 11003KT 050V190 9999 VCSH NSC 10/05 Q1009 NOSIG

TAF

TAF ENGM 050500Z 0506/0606 VRB03KT 9999 SCT040 BKN060 TEMPO 0507/0524 SHRA BKN008 SCT030CB PROB30 0509/0515 4000 T

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

EGLL

Region: UNITED KINGDOM
Timezone: EUROPE/LONDON
Runways: 2

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.375 E

METAR

EGLL 050620Z AUTO VRB02KT 9999 NCD 10/08 Q1008 NOSIG

TAF

TAF EGLL 050455Z 0506/0612 16003KT 9999 FEW045 PROB30 TEMPO 0512/0519 6000 SHRA BKN014 TEMPO 0600/0607 7000 BKN000

Frequencies

REC - 128.07 MHz - HEATHROW INFORMATION	REC - 121.92 MHz - HEATHROW INFORMATION
CLD - 121.97 MHz - HEATHROW DELIVERY	GND - 121.70 MHz - HEATHROW GROUND
GND - 121.85 MHz - HEATHROW GROUND	GND - 121.90 MHz - HEATHROW GROUND
TWR - 118.50 MHz - HEATHROW TOWER	TWR - 118.70 MHz - HEATHROW TOWER
TWR - 124.47 MHz - HEATHROW TOWER	APP - 119.72 MHz - HEATHROW DIRECTOR
APP - 120.40 MHz - HEATHROW DIRECTOR	APP - 134.97 MHz - HEATHROW DIRECTOR
APP - 125.62 MHz - HEATHROW RADAR	APP - 127.52 MHz - HEATHROW RADAR
DEP - 120.52 MHz - HEATHROW DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	164 ft	12,770 ft	89.66	ASPHALT	1,007 ft	0 ft
	50 m	3,892 m	89.29		307 m	0 m
27R	164 ft	12,770 ft	269.70	ASPHALT	0 ft	177 ft
	50 m	3,892 m	269.33		0 m	54 m
09R	164 ft	11,975 ft	89.68	ASPHALT	1,004 ft	0 ft
	50 m	3,650 m	89.31		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.35		0 m	29 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IAA	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09R	DME	IBB	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27L	DME	ILL	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27R	DME	IRR	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09L	LOC-ILS	IAA	110.30 MHz	18 nm	89.68	-	83 ft
				33 km	89.30		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.32		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.32		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.30		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.30		83 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09R	GS	IBB	109.50 MHz	10 nm	89.70	3.00	83 ft
				19 km	89.32		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.32		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.30		83 m