

EGLL - London - London Heathrow

Airport details

State	England
Country	United Kingdom
Region	EG
Elevation	83ft (25m)
Timezone	GMT +0
Coordinates	51.46229, -0.45141
Type	land
ICAO code	EGLL
IATA code	LHR
FAA code	n/a

Runway info

Runway 09L / 27R	
length	3892m (12769ft)
bearing	90° / 270°
width	50m (164ft)
surface	asphalt
displacement threshold	306m (1004ft) / 0m (0ft)
blast zone	0m (0ft) / 55m (180ft)
Runway 09R / 27L	
length	3651m (11978ft)
bearing	90° / 270°
width	50m (164ft)
surface	asphalt
displacement threshold	306m (1004ft) / 0m (0ft)
blast zone	0m (0ft) / 28m (92ft)

Communication

London Heathrow Heathrow ATIS	128.080
London Heathrow Heathrow ATIS	128.080
London Heathrow Heathrow ATIS	128.080
London Heathrow Heathrow ATIS	128.080
London Heathrow Heathrow Delivery	121.980
London Heathrow Heathrow Delivery	121.980
London Heathrow Heathrow Delivery	121.980
London Heathrow Heathrow Delivery	121.980
London Heathrow Heathrow Ground	121.905
1	
London Heathrow Heathrow Ground	121.705
2	

London Heathrow Heathrow Ground 121.855
3
London Heathrow Heathrow Ground 121.705
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London Heathrow Heathrow Ground 121.905
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London Heathrow Heathrow Ground 121.705
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London Heathrow Heathrow Ground 121.855
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London Heathrow Heathrow Ground 121.905
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London Heathrow Heathrow Ground 121.905
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London Heathrow Heathrow Tower 1 118.505
London Heathrow Heathrow Tower 1 118.505
London Heathrow Heathrow Tower 2 118.705
London Heathrow Heathrow Tower 3 124.475
London Heathrow Heathrow Tower 2 118.705
London Heathrow Heathrow Tower 3 124.475
London Heathrow Heathrow Tower 3 124.475
London Heathrow Heathrow Tower 2 118.705
London Heathrow Heathrow Tower 2 118.705
London Heathrow Heathrow Tower 1 118.505
London Heathrow Heathrow Tower 3 124.475
London Heathrow Heathrow Tower 1 118.505
London Heathrow Heathrow Director 134.980
2
London Heathrow Heathrow Director 134.980
2
London Heathrow Heathrow Director 120.400
4
London Heathrow Heathrow Director 127.525
3
London Heathrow Heathrow Director 119.730
1
London Heathrow Heathrow Director 120.400
4
London Heathrow Heathrow Director 127.525
3
London Heathrow Heathrow Director 119.730
1
London Heathrow Heathrow Director 127.525
3

London Heathrow Heathrow Director 120.400
4
London Heathrow Heathrow Director 119.730
1
London Heathrow Heathrow Director 134.980
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London Heathrow Heathrow Director 119.730
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London Heathrow Heathrow Director 134.980
2
London Heathrow Heathrow Director 120.400
4
London Heathrow Heathrow Director 127.525
3
London Heathrow Heathrow Control 118.825
1
London Heathrow Heathrow Control 119.780
4
London Heathrow Heathrow Control 133.180
5
London Heathrow Heathrow Control 118.825
1
London Heathrow Heathrow Control 120.530
2
London Heathrow Heathrow Control 134.125
3
London Heathrow Heathrow Control 119.780
4
London Heathrow Heathrow Control 133.180
5
London Heathrow Heathrow Control 120.530
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London Heathrow Heathrow Control 134.125
3
London Heathrow Heathrow Control 119.780
4
London Heathrow Heathrow Control 119.780
4
London Heathrow Heathrow Control 133.180
5
London Heathrow Heathrow Control 120.530
2
London Heathrow Heathrow Control 118.825
1
London Heathrow Heathrow Control 118.825
1
London Heathrow Heathrow Control 133.180
5
London Heathrow Heathrow Control 120.530
2
London Heathrow Heathrow Control 134.125
3

London Heathrow Heathrow Control 134.125
3

Approach frequencies

ILS-cat-III	09L	110.3	18.00mi
ILS-cat-III	09R	109.5	18.00mi
ILS-cat-III	27L	109.5	18.00mi
ILS-cat-III	27R	110.3	18.00mi
3° GS	09L	110.3	18.00mi
3° GS	09R	109.5	18.00mi
3° GS	27L	109.5	18.00mi
3° GS	27R	110.3	18.00mi

Nearby beacons

code	identifier	dist	bearing	frequency
LON	LONDON VOR/DME	1.6	328.7°	113.60
EPM	EPSOM NDB	9	150.9°	316
BUR	BURNHAM NDB	9.1	284.1°	421
OCK	OCKHAM VOR/DME	9.4	178.4°	115.30
CHT	CHILTERN NDB	9.9	337.3°	277
WOD	WOODLEY NDB	16	268.7°	352
BNN	BOVINGDON VOR/DME	16.2	339.5°	113.75
BLC	DME	16.9	250.5°	116.20
BLK	BLACKBUSHE NDB	16.9	250.5°	328
LCY	LONDON CITY NDB	19.5	85.3°	322
BIG	BIGGIN VOR/DME	19.8	105.1°	115.10
BPK	BROOKMANS PARK VOR/DME	21.5	50.1°	117.50
HEN	HENTON NDB	21.8	311.2°	433
ODH	ODIHAM TACAN	23.1	245.2°	109.60
LAM	LAMBOURNE VOR/DME	25	73°	115.60
MID	MIDHURST VOR/DME	25.3	203°	114
BSO	BENSON TACAN	25.8	283.2°	110
LUT	LUTON NDB	27	24.7°	345
CPT	COMPTON VOR/DME	28.7	272.1°	114.35
WCO	WESTCOTT NDB	30.2	307.3°	335
MAY	MAYFIELD VOR/DME	34.2	128.1°	117.90
BKY	BARKWAY VOR/DME	36.9	44.2°	116.25
SHM	SHOREHAM NDB	38	166°	332
SRH	DME-ILS	38	165.8°	109.95
GWC	GOODWOOD VOR/DME	38.2	206.7°	114.75
OX	OXFORD NDB	39.4	293°	367
CIT	CRANFIELD NDB	40.3	351°	850
DET	DETLING VOR/DME	40.4	98.5°	117.30
SND	SOUTHEND NDB	43.5	84.3°	362
HLS	DME	45.3	105.6°	115.95
LSH	HEADCORN (LASHENDEN) NDB	45.3	105.6°	340

SAM	SOUTHAMPTON VOR/DME	45.3	240.4°	113.35
EAS	SOUTHAMPTON (EASTLEIGH) NDB	45.6	240.7°	391
SFD	SEAFORD VOR/DME	47.3	140.7°	117
DTY	DAVENTRY VOR/DME	49.6	317.3°	116.40
CAM	CAMBRIDGE NDB	50.7	40.2°	332
LYD	LYDD VOR/DME	57.2	109.1°	114.05
LZD	LYDD NDB	60.4	109.9°	397
CLN	CLACTON VOR/DME	63.9	76.4°	114.55
MLD	MILDENHALL TACAN	64.3	46.2°	115.90
WTZ	WATTISHAM TACAN	65.1	64.6°	109.30
LKH	LAKENHEATH TACAN	67.7	46.6°	110.20
DVR	DOVER VOR/DME	70.3	99.3°	114.95

Departure and arrival routes

Transition altitude 6000ft
Transition level 70ft

SID end points	distance	outbound direction
RW09L		
ULTI1K	13.5	41°
DET1K	40.4	99°
MAY2K	34.2	128°
MODM1K	13.7	189°
GASG2K	24.4	243°
CPT4K	28.7	272°
RW09R		
ULTI1J	13.5	41°
DET1J	40.4	99°
MAY2J	34.2	128°
MODM1J	13.7	189°
GASG2J	24.4	243°
CPT5J	28.7	272°
RW27L		
DET2G	40.4	99°
MAY2G	34.2	128°
MAXI1G	13.4	207°
GOGS2G	23.0	253°
CPT3G	28.7	272°
UMLA1G	15.5	311°
RW27R		
DET2F	40.4	99°
MAY3F	34.2	128°
MAXI1F	13.4	207°
GOGS2F	23.0	253°
CPT3F	28.7	272°
UMLA1F	15.5	311°

STAR starting points **distance** **inbound direction**

ALL

ROXO1H	83.2	43°
HAZE1H	33.9	49°
OTME1H	90.8	69°
BEDE1H	28.4	78°
BEDE1Z	41.8	85°
HON1H	70.0	126°
FITB1H	38.5	127°
TOBI1X	58.9	127°
NUGR1H	116.1	130°
BARM1H	127.3	251°
LAM1Y, LAM1Z, LAM1X	25.0	253°
LOGA2H	78.8	262°
TANE1Z	51.5	271°
ALES1H	58.8	296°

Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
ALES1H	BIG	NDB	right	122 (302)°	7000ft - 14000ft	1.0min timed	220
ALES1H	TIGER	VHF	right	135 (315)°	15000ft - 24000ft	1.5min timed	ICAO rules
BARM1H	BRASO	VHF	left	83 (263)°	18000ft - 24000ft	1.5min timed	240
BARM1H	LAM	NDB	left	83 (263)°	> 7000ft	1.0min timed	220
BARM1H	LOGAN	VHF	left	108 (288)°	15000ft - 41000ft	1.5min timed	240
BARM1H	SABER	VHF	left	83 (263)°	13000ft - 14000ft	1.0min timed	220
BEDE1H	OCK	NDB	right	148 (328)°	> 7000ft	1.0min timed	220
BEDE1Z	BNN	NDB	right	296 (116)°	> 7000ft	1.0min timed	ICAO rules
BIG1Z	OCK	NDB	right	148 (328)°	> 7000ft	1.0min timed	220
FITB1H	BNN	NDB	right	296 (116)°	> 7000ft	1.0min timed	ICAO rules
FITB1H	FITBO	VHF	right	315 (135)°	18000ft - 29000ft	1.5min timed	ICAO rules
FITB1H	WCO	FIX	right	8 (188)°	9000ft - 14000ft	1.0min timed	220
HAZE1H	OCK	NDB	right	148 (328)°	> 7000ft	1.0min timed	220
HON1H	BNN	NDB	right	296 (116)°	> 7000ft	1.0min timed	ICAO rules
HON1H	HON	NDB	right	325 (145)°	15000ft - 35000ft	1.5min timed	240

HON1H	WCO	FIX	right	8 (188)°	9000ft - 14000ft	1.0min timed	220
LAM1X	BIG	NDB	right	122 (302)°	7000ft - 14000ft	1.0min timed	220
LAM1Y	OCK	NDB	right	148 (328)°	> 7000ft	1.0min timed	220
LAM1Z	BNN	NDB	right	296 (116)°	> 7000ft	1.0min timed	ICAO rules
LOGA2H	BRASO	VHF	left	83 (263)°	18000ft - 24000ft	1.5min timed	240
LOGA2H	LAM	NDB	left	83 (263)°	> 7000ft	1.0min timed	220
LOGA2H	LOGAN	VHF	left	108 (288)°	15000ft - 41000ft	1.5min timed	240
LOGA2H	SABER	VHF	left	83 (263)°	13000ft - 14000ft	1.0min timed	220
NUGR1H	BNN	NDB	right	296 (116)°	> 7000ft	1.0min timed	ICAO rules
NUGR1H	WCO	FIX	right	8 (188)°	9000ft - 14000ft	1.0min timed	220
OCK1Z	BIG	NDB	right	122 (302)°	7000ft - 14000ft	1.0min timed	220
OTME1H	OCK	NDB	right	148 (328)°	> 7000ft	1.0min timed	220
ROXO1H	OCK	NDB	right	148 (328)°	> 7000ft	1.0min timed	220
TANE1Z	BIG	NDB	right	122 (302)°	7000ft - 14000ft	1.0min timed	220
TOBI1X	OCK	NDB	right	148 (328)°	> 7000ft	1.0min timed	220

*) magnetic outbound (inbound) holding course

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