

# EGLL

London Heathrow

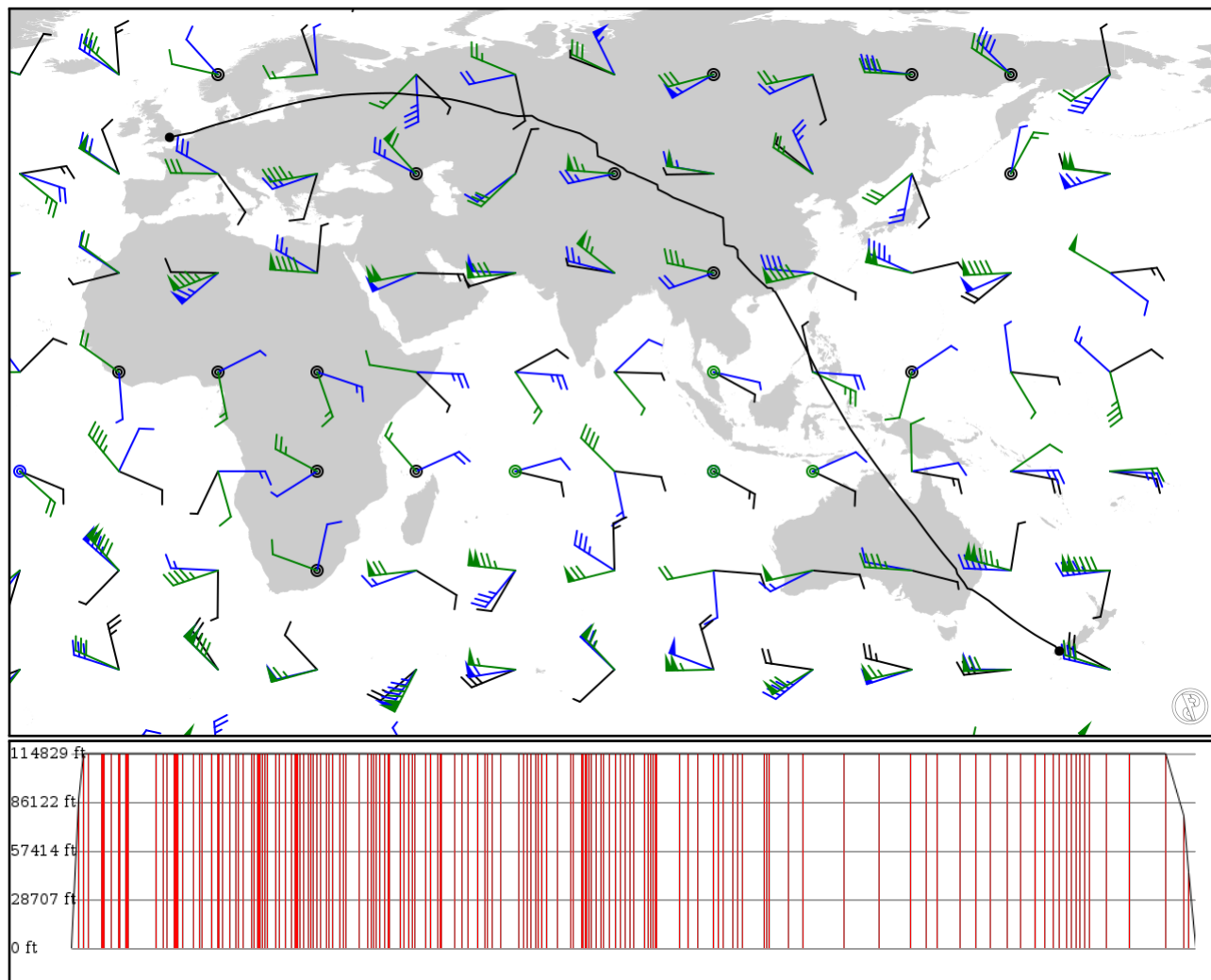
# NZMO

Manapouri-Te\_Anau

2024/05/16 0640Z

EGLL ARTOV **L620** TULIP **UZ700** GITER **Z700** CDA **M611** MALIV **P862** EKLON **Y169** TUKMA **L738** MEGAS **B918** PUNIT **B210** GIMUN **G368** ALUMA **B210** BASAB **G368** OSGAN **R480** ABALI **A303** PVL **A241** SOMIP **A355** AGZ **A368** SALMO 4500N08600E UGPEL **A368** FKG **W192** ESDEX **W191** DNC **W565** XIXAN **B330** DOREX VENON **W504** GAO **B213** DS **W180** UNRIX **V50** LAGEX **G586** SJG **B330** GYA **A599** POU **W7** SAREX **W6** NLG **W18** TAMOT CH **A583** ZAM **A461** AMN **R340** AGETA **W822** ONUMA **W682** MUDGI **W604** KADOM **A576** TESAT **Y84** TONIM **P766** ADKOS NZMO

10518.20 nm / 19479.70 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
EGLL APT	-	51.47120 -0.46088	0 ft 0 m	-	London Heathrow
ARTOV FIX	-	51.90530 1.42583	26,700 ft 8,138 m	74	-
REDFA FIX	L620 AWY-LO	52.11460 2.48795	35,000 ft 10,668 m	41	-
TULIP FIX	L620 AWY-LO	52.36770 3.85731	35,000 ft 10,668 m	52	-
BEDUM FIX	UZ700 AWY-HI	53.34820 6.58887	35,000 ft 10,668 m	115	-
LEKMO FIX	UZ700 AWY-HI	53.44170 6.90889	35,000 ft 10,668 m	12	-
NIKIL FIX	UZ700 AWY-HI	53.55780 7.24889	35,000 ft 10,668 m	14	-
MOVAX FIX	UZ700 AWY-HI	54.08670 9.00000	35,000 ft 10,668 m	69	-
BUMAB FIX	UZ700 AWY-HI	54.60420 10.85000	35,000 ft 10,668 m	71	-
GITER FIX	UZ700 AWY-HI	54.64440 11.00000	35,000 ft 10,668 m	5	-
CDA VOR	Z700 AWY-HI	55.00150 12.37920	35,000 ft 10,668 m	52	CODAN
ODARU FIX	M611 AWY-HI	55.09580 12.76140	35,000 ft 10,668 m	14	-
MALIV FIX	M611 AWY-HI	55.16270 13.03690	35,000 ft 10,668 m	10	-
EVONA FIX	P862 AWY-HI	57.16500 19.92470	35,000 ft 10,668 m	259	-
LUSIM FIX	P862 AWY-HI	57.68560 21.98310	35,000 ft 10,668 m	73	-
NETNA FIX	P862 AWY-HI	57.87560 22.78940	35,000 ft 10,668 m	28	-
PIVUN FIX	P862 AWY-HI	58.34080 24.90440	35,000 ft 10,668 m	72	-
TUNSI FIX	P862 AWY-HI	58.37640 25.07580	35,000 ft 10,668 m	5	-
ASVAR FIX	P862 AWY-HI	58.43280 25.34940	35,000 ft 10,668 m	9	-
OSLEM FIX	P862 AWY-HI	58.45920 25.47940	35,000 ft 10,668 m	4	-
EKLON FIX	P862 AWY-HI	58.50690 25.71530	35,000 ft 10,668 m	7	-
TUKMA FIX	Y169 AWY-HI	58.73860 27.14140	35,000 ft 10,668 m	46	-
MEGAS FIX	L738 AWY-HI	58.80030 27.38280	35,000 ft 10,668 m	8	-
GOLTI FIX	B918 AWY-HI	59.19310 30.30610	35,000 ft 10,668 m	93	-
LUKIR FIX	B918 AWY-HI	59.44970 32.04780	35,000 ft 10,668 m	55	-
BANRU FIX	B918 AWY-HI	59.51530 32.94780	35,000 ft 10,668 m	27	-
BEGUT	B918	59.68830	35,000 ft	90	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	35.90440	10,668 m		
GIPRI	B918	59.76500	35,000 ft	59	-
FIX	AWY-HI	37.84940	10,668 m		
INRIM	B918	59.77670	35,000 ft	11	-
FIX	AWY-HI	38.21780	10,668 m		
TIPNA	B918	59.80500	35,000 ft	35	-
FIX	AWY-HI	39.37940	10,668 m		
PUNIT	B918	59.83170	35,000 ft	68	-
FIX	AWY-HI	41.65440	10,668 m		
ALUTI	B210	59.72170	35,000 ft	46	-
FIX	AWY-HI	43.16780	10,668 m		
BABRI	B210	59.65470	35,000 ft	25	-
FIX	AWY-HI	43.98280	10,668 m		
ANDAT	B210	59.51670	35,000 ft	46	-
FIX	AWY-HI	45.49780	10,668 m		
SODMU	B210	59.27890	35,000 ft	80	-
FIX	AWY-HI	48.09390	10,668 m		
SONAT	B210	59.20560	35,000 ft	22	-
FIX	AWY-HI	48.79610	10,668 m		
OLMED	B210	59.03360	35,000 ft	38	-
FIX	AWY-HI	50.01610	10,668 m		
NIKUB	B210	58.98780	35,000 ft	10	-
FIX	AWY-HI	50.33280	10,668 m		
OKBUM	B210	58.94190	35,000 ft	9	-
FIX	AWY-HI	50.63330	10,668 m		
SUROL	B210	58.87360	35,000 ft	16	-
FIX	AWY-HI	51.15720	10,668 m		
ABGER	B210	58.74560	35,000 ft	30	-
FIX	AWY-HI	52.09190	10,668 m		
BAPTA	B210	58.65030	35,000 ft	21	-
FIX	AWY-HI	52.75580	10,668 m		
GIMUN	B210	58.16690	35,000 ft	75	-
FIX	AWY-HI	54.97670	10,668 m		
PER	G368	57.92070	35,000 ft	36	PERM
VOR	AWY-HI	56.02840	10,668 m		
RALUB	G368	57.54530	35,000 ft	51	-
FIX	AWY-HI	57.45670	10,668 m		
BIKMA	G368	57.07190	35,000 ft	62	-
FIX	AWY-HI	59.17670	10,668 m		
UMTEK	G368	56.78830	35,000 ft	35	-
FIX	AWY-HI	60.14280	10,668 m		
RAREK	G368	56.72610	35,000 ft	5	-
FIX	AWY-HI	60.27810	10,668 m		
NEBNA	G368	56.60140	35,000 ft	11	-
FIX	AWY-HI	60.54560	10,668 m		
ALUMA	G368	56.37940	35,000 ft	20	-
FIX	AWY-HI	61.02110	10,668 m		
NEKER	B210	56.10360	35,000 ft	38	-
FIX	AWY-HI	62.07860	10,668 m		
ARBUP	B210	55.90860	35,000 ft	38	-
FIX	AWY-HI	63.17000	10,668 m		
BASAB	B210	55.76970	35,000 ft	21	-
FIX	AWY-HI	63.77330	10,668 m		
OKUNA	G368	55.59360	35,000 ft	26	-
FIX	AWY-HI	64.48860	10,668 m		
OSGAN	G368	55.47530	35,000 ft	32	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	65.41530	10,668 m		
ARLAD	R480	55.51030	35,000 ft	32	-
FIX	AWY-HI	66.36190	10,668 m		
ABALI	R480	55.54530	35,000 ft	56	-
FIX	AWY-HI	68.02060	10,668 m		
LETIK	A303	55.20000	35,000 ft	27	-
FIX	AWY-HI	68.53330	10,668 m		
PETEP	A303	54.77440	35,000 ft	34	-
FIX	AWY-HI	69.18500	10,668 m		
BEDMU	A303	54.20420	35,000 ft	64	-
FIX	AWY-HI	70.75640	10,668 m		
PETOR	A303	53.90560	35,000 ft	32	-
FIX	AWY-HI	71.52670	10,668 m		
POBUR	A303	53.63330	35,000 ft	29	-
FIX	AWY-HI	72.23330	10,668 m		
ADASA	A303	52.77170	35,000 ft	119	-
FIX	AWY-HI	75.24330	10,668 m		
PVL	A303	52.20960	35,000 ft	75	PAVLODAR
VOR	AWY-HI	77.09500	10,668 m		
PIVAL	A241	51.76360	35,000 ft	38	-
FIX	AWY-HI	77.84720	10,668 m		
ABDAM	A241	51.51420	35,000 ft	22	-
FIX	AWY-HI	78.28530	10,668 m		
MIKSA	A241	51.26890	35,000 ft	21	-
FIX	AWY-HI	78.71140	10,668 m		
OBUNA	A241	50.92030	35,000 ft	30	-
FIX	AWY-HI	79.30080	10,668 m		
SOMIP	A241	50.35140	35,000 ft	49	-
FIX	AWY-HI	80.23440	10,668 m		
ROKOD	A355	49.73560	35,000 ft	37	-
FIX	AWY-HI	80.28860	10,668 m		
LUNOV	A355	49.63330	35,000 ft	6	-
FIX	AWY-HI	80.30030	10,668 m		
AGZ	A355	47.93110	35,000 ft	102	AYAGUZ
VOR	AWY-HI	80.44970	10,668 m		
TOLKI	A368	47.57080	35,000 ft	39	-
FIX	AWY-HI	81.27780	10,668 m		
AGUSA	A368	47.23330	35,000 ft	37	-
FIX	AWY-HI	82.06060	10,668 m		
SARIN	A368	46.86560	35,000 ft	40	-
FIX	AWY-HI	82.88810	10,668 m		
TCH	A368	46.66830	35,000 ft	22	TACHENG
VOR	AWY-HI	83.34500	10,668 m		
SALMO	A368	45.69830	35,000 ft	97	-
FIX	AWY-HI	85.22170	10,668 m		
4500N08600E	-	45.00000	35,000 ft	53	-
LATLON	-	86.00000	10,668 m		
UGPEL	-	44.55170	35,000 ft	61	-
FIX	-	87.28670	10,668 m		
VARMI	A368	44.33500	35,000 ft	21	-
FIX	AWY-HI	87.68500	10,668 m		
FKG	A368	44.17330	35,000 ft	16	FUKANG
VOR	AWY-HI	87.98330	10,668 m		
IBAKI	W192	43.12500	35,000 ft	121	-
FIX	AWY-HI	90.38000	10,668 m		
IPMUN	W192	42.51830	35,000 ft	68	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	91.69500	10,668 m		
ESDEX	W192	41.63000	35,000 ft	53	-
FIX	AWY-HI	91.85170	10,668 m		
MOVBI	W191	40.75830	35,000 ft	95	-
FIX	AWY-HI	93.62000	10,668 m		
KARVI	W191	40.10330	35,000 ft	62	-
FIX	AWY-HI	94.69330	10,668 m		
TOSAP	W191	39.95670	35,000 ft	19	-
FIX	AWY-HI	95.08000	10,668 m		
VIKUP	W191	39.56330	35,000 ft	52	-
FIX	AWY-HI	96.10330	10,668 m		
MULRU	W191	38.94000	35,000 ft	81	-
FIX	AWY-HI	97.67000	10,668 m		
RUSAT	W191	37.65670	35,000 ft	161	-
FIX	AWY-HI	100.68000	10,668 m		
NODID	W191	37.29830	35,000 ft	45	-
FIX	AWY-HI	101.52500	10,668 m		
AVBUD	W191	37.11500	35,000 ft	39	-
FIX	AWY-HI	102.31500	10,668 m		
PANRA	W191	36.81670	35,000 ft	33	-
FIX	AWY-HI	102.91200	10,668 m		
DNC	W191	36.54040	35,000 ft	37	LANZHOU
VOR	AWY-HI	103.61900	10,668 m		
XIXAN	W565	36.28000	35,000 ft	29	-
FIX	AWY-HI	104.12500	10,668 m		
BESMI	B330	35.77670	35,000 ft	30	-
FIX	AWY-HI	104.15200	10,668 m		
ELPAN	B330	34.97670	35,000 ft	48	-
FIX	AWY-HI	104.19200	10,668 m		
OMBON	B330	33.35670	35,000 ft	97	-
FIX	AWY-HI	104.27200	10,668 m		
DOREX	B330	31.24670	35,000 ft	126	-
FIX	AWY-HI	104.37500	10,668 m		
VENON	-	31.07000	35,000 ft	19	-
FIX	-	104.70300	10,668 m		
GAO	W504	30.81000	35,000 ft	78	NANCHONG
VOR	AWY-HI	106.18800	10,668 m		
ANSAR	B213	30.65670	35,000 ft	12	-
FIX	AWY-HI	106.35700	10,668 m		
TOROD	B213	30.28670	35,000 ft	30	-
FIX	AWY-HI	106.75500	10,668 m		
DS	B213	30.20000	35,000 ft	7	HELIUSHUI
NDB	AWY-HI	106.84800	10,668 m		
OS	W180	29.85170	35,000 ft	20	TONGJINGCHANG
NDB	AWY-HI	106.84700	10,668 m		
XOLAL	W180	29.49330	35,000 ft	21	-
FIX	AWY-HI	106.88200	10,668 m		
UNRIX	W180	28.76670	35,000 ft	43	-
FIX	AWY-HI	106.91700	10,668 m		
OTLEK	V50	28.18830	35,000 ft	44	-
FIX	AWY-HI	107.44000	10,668 m		
TAXOR	V50	27.82830	35,000 ft	27	-
FIX	AWY-HI	107.77300	10,668 m		
XONID	V50	27.05670	35,000 ft	59	-
FIX	AWY-HI	108.46700	10,668 m		
LAGEX	V50	26.43000	35,000 ft	48	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	109.02700	10,668 m		
SJG	G586	25.77670	35,000 ft	50	SANJIANG
VOR	AWY-HI	109.61000	10,668 m		
MAMSI	B330	25.20500	35,000 ft	47	-
FIX	AWY-HI	110.21200	10,668 m		
QP	B330	24.67000	35,000 ft	44	ERTANG
NDB	AWY-HI	110.77700	10,668 m		
MUBEL	B330	24.21000	35,000 ft	38	-
FIX	AWY-HI	111.27000	10,668 m		
GYA	B330	23.07000	35,000 ft	95	GAOYAO
VOR	AWY-HI	112.48700	10,668 m		
POU	A599	23.02170	35,000 ft	38	PINGZHOU
VOR	AWY-HI	113.19000	10,668 m		
SAREX	W7	22.88170	35,000 ft	18	-
FIX	AWY-HI	113.48300	10,668 m		
NLG	W6	22.53170	35,000 ft	21	NANLANG
VOR	AWY-HI	113.56200	10,668 m		
TAMOT	W18	22.35830	35,000 ft	19	-
FIX	AWY-HI	113.86700	10,668 m		
CH	-	22.21950	35,000 ft	12	CHEUNG CHAU
VOR	-	114.03000	10,668 m		
SABNO	A583	18.98500	35,000 ft	219	-
FIX	AWY-HI	115.84500	10,668 m		
MAVRA	A583	17.77780	35,000 ft	81	-
FIX	AWY-HI	116.50200	10,668 m		
AKOTA	A583	16.46200	35,000 ft	88	-
FIX	AWY-HI	117.20700	10,668 m		
IBOBI	A583	14.31170	35,000 ft	144	-
FIX	AWY-HI	118.33600	10,668 m		
REKEL	A583	13.59040	35,000 ft	48	-
FIX	AWY-HI	118.70900	10,668 m		
LEGED	A583	13.02030	35,000 ft	38	-
FIX	AWY-HI	119.00200	10,668 m		
TOKON	A583	11.70050	35,000 ft	88	-
FIX	AWY-HI	119.67500	10,668 m		
PALOS	A583	11.02850	35,000 ft	45	-
FIX	AWY-HI	120.01600	10,668 m		
MARAN	A583	10.23380	35,000 ft	53	-
FIX	AWY-HI	120.41600	10,668 m		
MASUN	A583	7.30043	35,000 ft	196	-
FIX	AWY-HI	121.87100	10,668 m		
ZAM	A583	6.92469	35,000 ft	25	ZAMBOANGA
VOR	AWY-HI	122.05500	10,668 m		
TANAL	A461	6.56119	35,000 ft	25	-
FIX	AWY-HI	122.26300	10,668 m		
MOLLY	A461	4.00000	35,000 ft	176	-
FIX	AWY-HI	123.71800	10,668 m		
BONDA	A461	2.04489	35,000 ft	136	-
FIX	AWY-HI	124.88000	10,668 m		
AMN	A461	-3.61492	35,000 ft	393	AMBON
VOR	AWY-HI	128.18600	10,668 m		
GUTEV	R340	-8.07327	35,000 ft	326	-
FIX	AWY-HI	131.32700	10,668 m		
IGOPO	R340	-11.94440	35,000 ft	285	-
FIX	AWY-HI	134.11800	10,668 m		
DUMAV	R340	-13.94080	35,000 ft	147	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	135.59600	10,668 m		
EGORE	R340	-15.36390	35,000 ft	105	-
FIX	AWY-HI	136.66800	10,668 m		
RUVAP	R340	-18.22240	35,000 ft	213	-
FIX	AWY-HI	138.88300	10,668 m		
TASHA	R340	-20.11230	35,000 ft	142	-
FIX	AWY-HI	140.39800	10,668 m		
SARIK	R340	-22.00900	35,000 ft	137	-
FIX	AWY-HI	141.76300	10,668 m		
TAVEV	R340	-24.26000	35,000 ft	163	-
FIX	AWY-HI	143.44300	10,668 m		
VILOL	R340	-25.96420	35,000 ft	125	-
FIX	AWY-HI	144.76400	10,668 m		
MIMIB	R340	-27.75420	35,000 ft	132	-
FIX	AWY-HI	146.20500	10,668 m		
ONIVI	R340	-28.98420	35,000 ft	91	-
FIX	AWY-HI	147.23100	10,668 m		
AGETA	R340	-30.02870	35,000 ft	78	-
FIX	AWY-HI	148.12800	10,668 m		
ONUMA	W822	-30.97440	35,000 ft	58	-
FIX	AWY-LO	148.38000	10,668 m		
DOORA	W682	-31.90670	35,000 ft	66	-
FIX	AWY-LO	149.08900	10,668 m		
MUDGI	W682	-32.56090	35,000 ft	46	-
FIX	AWY-LO	149.59400	10,668 m		
BENBU	W604	-33.19670	35,000 ft	42	-
FIX	AWY-LO	149.98200	10,668 m		
KADOM	W604	-33.71080	35,000 ft	34	-
FIX	AWY-LO	150.30000	10,668 m		
TESAT	A576	-33.94380	35,000 ft	46	-
FIX	AWY-HI	151.18300	10,668 m		
OPTIC	Y84	-34.40110	35,000 ft	44	-
FIX	AWY-HI	151.88900	10,668 m		
TONIM	Y84	-36.03160	35,000 ft	155	-
FIX	AWY-HI	154.34600	10,668 m		
MIKEL	P766	-38.59580	35,000 ft	216	-
FIX	AWY-HI	157.53500	10,668 m		
OMKIN	P766	-42.41440	35,000 ft	338	-
FIX	AWY-HI	163.00000	10,668 m		
DADLU	P766	-44.14050	23,800 ft	167	-
FIX	AWY-HI	165.99800	7,254 m		
ADKOS	P766	-44.61710	13,700 ft	47	-
FIX	AWY-HI	166.88000	4,176 m		
NZMO	-	-45.53290	0 ft	64	Manapouri-Te_Anau
APT	-	167.65300	0 m		



## EGLL

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

Elevation: 83 ft / 25 m  
Location: 51.471200 -0.460881  
Magnetic Var: 0.380 E

## METAR

EGLL 160620Z AUTO VRB02KT 9000 FEW003 11/11 Q1005 NOSIG

## TAF

TAF AMD EGLL 160602Z 1606/1712 03005KT 9999 SCT006 PROB40 TEMPO 1606/1608 7000 BKN004 PROB30 TEMPO 1609/1615 4000

## 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	89.28		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	89.30		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.34		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