YSSY

Sydney Kingsford Smith Airport

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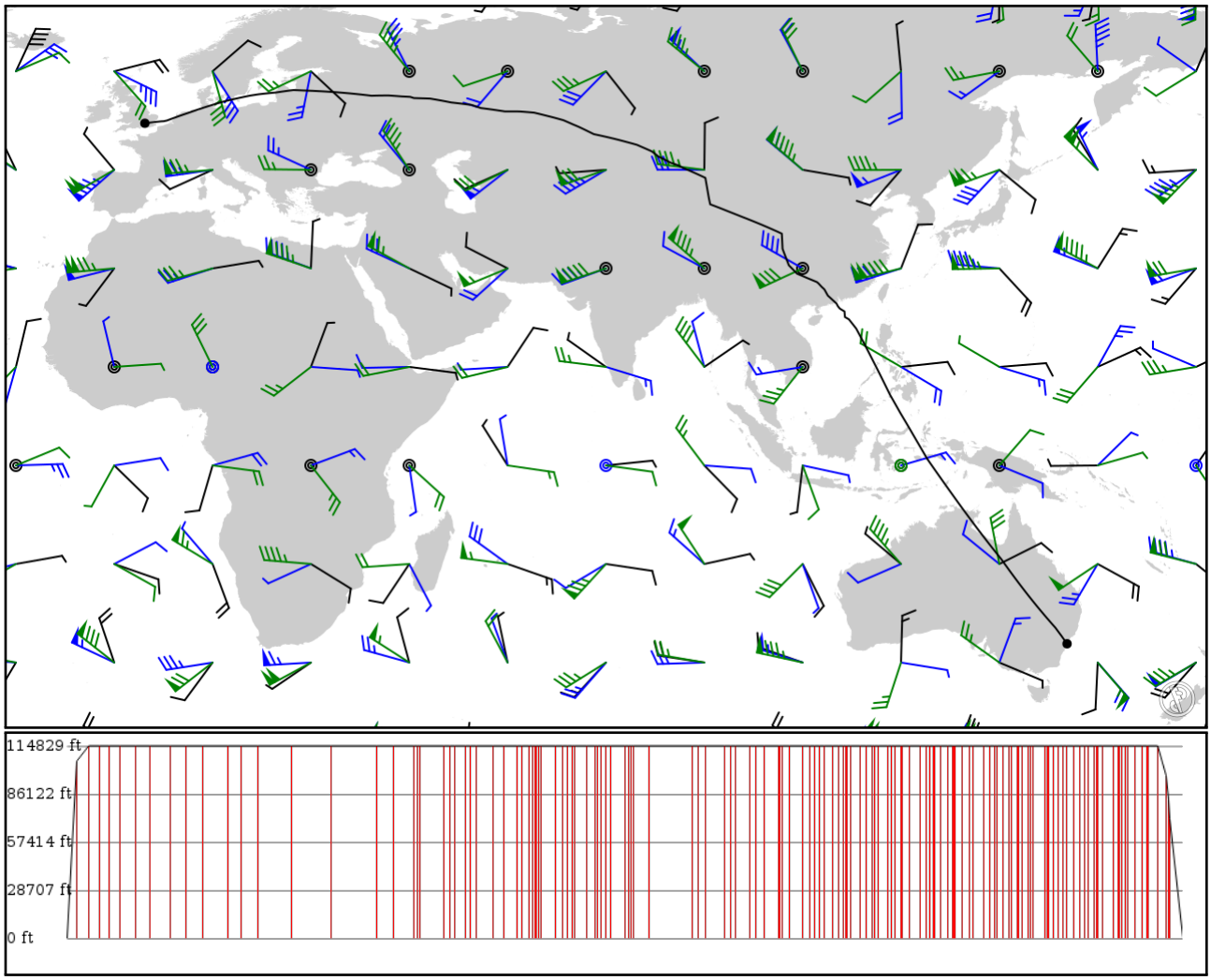
EGLL

London Heathrow

2024/03/28 1846Z

YSSY SCATZ **V316** ANBAN **W811** AGETA **R340** AMN **A461** ZAM **A583** MAVRA TOFEE **V542** HOCKY LEMON ALLEY CHALI COMBI UJ **V25** AVPAM MUBEL **B330** QP **W523** Y **W524** PA ELKAL **W179** XYO **B330** OMBON **Y1** DUMIN **W192** FKG **A368** UGPEL 4500N08600E 4600N08400E SARIN **A368** KRG **A95** ATBAN **G111** TITUR **B935** MGR **G234** RD **R493** UW **R480** CW **R489** MF **MF7T** LAPUR **FE5T** AR **FE4T** BELAG **A494** OPOKA **M869** LEP **M864** KOLJA **M611** CDA **T550** MARIP **Z701** GOBOT **UZ701** GORLO **UL980** XAMAN EGLL

9431.48 nm / 17467.10 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
YSSY APT	–	-33.94610 151.17700	0 ft 0 m	–	Sydney Kingsford Smith Airport
SCATZ FIX	–	-32.65500 150.25500	32,200 ft 9,815 m	90	–
ANBAN FIX	V316 AWY-LO	-31.33000 149.27100	35,000 ft 10,668 m	94	–
AGETA FIX	W811 AWY-LO	-30.02870 148.12800	35,000 ft 10,668 m	97	–
ONIVI FIX	R340 AWY-HI	-28.98420 147.23100	35,000 ft 10,668 m	78	–
MIMIB FIX	R340 AWY-HI	-27.75420 146.20500	35,000 ft 10,668 m	91	–
VILOL FIX	R340 AWY-HI	-25.96420 144.76400	35,000 ft 10,668 m	132	–
TAVEV FIX	R340 AWY-HI	-24.26000 143.44300	35,000 ft 10,668 m	125	–
SARIK FIX	R340 AWY-HI	-22.00900 141.76300	35,000 ft 10,668 m	163	–
TASHA FIX	R340 AWY-HI	-20.11230 140.39800	35,000 ft 10,668 m	137	–
RUVAP FIX	R340 AWY-HI	-18.22240 138.88300	35,000 ft 10,668 m	142	–
EGORE FIX	R340 AWY-HI	-15.36390 136.66800	35,000 ft 10,668 m	213	–
DUMAV FIX	R340 AWY-HI	-13.94080 135.59600	35,000 ft 10,668 m	105	–
IGOPO FIX	R340 AWY-HI	-11.94440 134.11800	35,000 ft 10,668 m	147	–
GUTEV FIX	R340 AWY-HI	-8.07327 131.32700	35,000 ft 10,668 m	285	–
AMN VOR	R340 AWY-HI	-3.61492 128.18600	35,000 ft 10,668 m	326	AMBON
BONDA FIX	A461 AWY-HI	2.04489 124.88000	35,000 ft 10,668 m	393	–
MOLLY FIX	A461 AWY-HI	4.00000 123.71800	35,000 ft 10,668 m	136	–
TANAL FIX	A461 AWY-HI	6.56119 122.26300	35,000 ft 10,668 m	176	–
ZAM VOR	A461 AWY-HI	6.92469 122.05500	35,000 ft 10,668 m	25	ZAMBOANGA
MASUN FIX	A583 AWY-HI	7.30043 121.87100	35,000 ft 10,668 m	25	–
MARAN FIX	A583 AWY-HI	10.23380 120.41600	35,000 ft 10,668 m	196	–
PALOS FIX	A583 AWY-HI	11.02850 120.01600	35,000 ft 10,668 m	53	–
TOKON FIX	A583 AWY-HI	11.70050 119.67500	35,000 ft 10,668 m	45	–
LEGED FIX	A583 AWY-HI	13.02030 119.00200	35,000 ft 10,668 m	88	–
REKEL FIX	A583 AWY-HI	13.59040 118.70900	35,000 ft 10,668 m	38	–
IBOBI	A583	14.31170	35,000 ft	48	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	118.33600	10,668 m		
AKOTA	A583	16.46200	35,000 ft	144	-
FIX	AWY-HI	117.20700	10,668 m		
MAVRA	A583	17.77780	35,000 ft	88	-
FIX	AWY-HI	116.50200	10,668 m		
TOFEE	-	19.30610	35,000 ft	114	-
FIX	-	115.29400	10,668 m		
SUKER	V542	19.67600	35,000 ft	42	-
FIX	AWY-HI	114.65300	10,668 m		
HOCKY	V542	20.59700	35,000 ft	55	-
FIX	AWY-HI	114.57500	10,668 m		
LEMON	-	20.93790	35,000 ft	38	-
FIX	-	114.00100	10,668 m		
ALLEY	-	21.08640	35,000 ft	14	-
FIX	-	113.78600	10,668 m		
CHALI	-	21.29580	35,000 ft	15	-
FIX	-	113.61100	10,668 m		
COMBI	-	21.49360	35,000 ft	14	-
FIX	-	113.46200	10,668 m		
UJ	-	21.88670	35,000 ft	26	GAOLAN
NDB	-	113.26000	10,668 m		
AVPAM	V25	23.20830	35,000 ft	112	-
FIX	AWY-HI	111.82700	10,668 m		
MUBEL	-	24.21000	35,000 ft	67	-
FIX	-	111.27000	10,668 m		
QP	B330	24.65670	35,000 ft	37	ERTANG
NDB	AWY-HI	110.79300	10,668 m		
Y	W523	25.16830	35,000 ft	40	QIFENGLING
NDB	AWY-HI	110.32200	10,668 m		
PA	W524	25.40500	35,000 ft	20	WUTONG
NDB	AWY-HI	110.06000	10,668 m		
ELKAL	-	26.09670	35,000 ft	99	-
FIX	-	108.39700	10,668 m		
MASRO	W179	26.63330	35,000 ft	74	-
FIX	AWY-HI	107.14300	10,668 m		
SUMUN	W179	26.78670	35,000 ft	21	-
FIX	AWY-HI	106.78000	10,668 m		
BIPIP	W179	27.20000	35,000 ft	32	-
FIX	AWY-HI	106.37500	10,668 m		
IRVED	W179	27.73170	35,000 ft	42	-
FIX	AWY-HI	105.85500	10,668 m		
XYO	W179	28.17000	35,000 ft	34	XUYONG
VOR	AWY-HI	105.42300	10,668 m		
ZYG	B330	30.11500	35,000 ft	123	ZIYANG
VOR	AWY-HI	104.67700	10,668 m		
WFX	B330	30.60330	35,000 ft	30	WUFENGXI
VOR	AWY-HI	104.49200	10,668 m		
JTG	B330	30.87170	35,000 ft	16	JINTANG
VOR	AWY-HI	104.39300	10,668 m		
DOREX	B330	31.24670	35,000 ft	22	-
FIX	AWY-HI	104.37500	10,668 m		
OMBON	B330	33.35670	35,000 ft	126	-
FIX	AWY-HI	104.27200	10,668 m		
MEPEP	Y1	36.15170	35,000 ft	367	-
FIX	AWY-HI	97.63330	10,668 m		
AKAGI	Y1	36.56670	35,000 ft	56	-

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
FIX	AWY-HI	96.59170	10,668 m		
LUSMA	Y1	37.00000	35,000 ft	58	–
FIX	AWY-HI	95.50000	10,668 m		
DUMIN	Y1	38.16670	35,000 ft	159	–
FIX	AWY-HI	92.50000	10,668 m		
TUSLI	W192	39.08330	35,000 ft	55	–
FIX	AWY-HI	92.30000	10,668 m		
RUSDI	W192	39.75170	35,000 ft	40	–
FIX	AWY-HI	92.18000	10,668 m		
ESDEX	W192	41.63000	35,000 ft	113	–
FIX	AWY-HI	91.85170	10,668 m		
IPMUN	W192	42.51830	35,000 ft	53	–
FIX	AWY-HI	91.69500	10,668 m		
IBAKI	W192	43.12500	35,000 ft	68	–
FIX	AWY-HI	90.38000	10,668 m		
FKG	W192	44.16670	35,000 ft	121	FUKANG
VOR	AWY-HI	87.98330	10,668 m		
VARMI	A368	44.33500	35,000 ft	16	–
FIX	AWY-HI	87.68500	10,668 m		
UGPEL	A368	44.55170	35,000 ft	21	–
FIX	AWY-HI	87.28670	10,668 m		
4500N08600E	–	45.00000	35,000 ft	61	–
LATLON	–	86.00000	10,668 m		
4600N08400E	–	46.00000	35,000 ft	103	–
LATLON	–	84.00000	10,668 m		
SARIN	–	46.86500	35,000 ft	69	–
FIX	–	82.88830	10,668 m		
AGUSA	A368	47.23330	35,000 ft	40	–
FIX	AWY-HI	82.06060	10,668 m		
TOLKI	A368	47.57080	35,000 ft	37	–
FIX	AWY-HI	81.27780	10,668 m		
AGZ	A368	47.93110	35,000 ft	39	AYAGUZ
VOR	AWY-HI	80.44970	10,668 m		
OSNER	A368	48.35530	35,000 ft	67	–
FIX	AWY-HI	78.90250	10,668 m		
DODEM	A368	48.70330	35,000 ft	55	–
FIX	AWY-HI	77.60390	10,668 m		
TAGAL	A368	48.94390	35,000 ft	40	–
FIX	AWY-HI	76.64030	10,668 m		
GORBO	A368	49.05440	35,000 ft	19	–
FIX	AWY-HI	76.18330	10,668 m		
ULKAP	A368	49.12470	35,000 ft	12	–
FIX	AWY-HI	75.89220	10,668 m		
DIMUT	A368	49.30780	35,000 ft	33	–
FIX	AWY-HI	75.09830	10,668 m		
KRG	A368	49.68610	35,000 ft	71	KARAGANDA
VOR	AWY-HI	73.36330	10,668 m		
BEDKA	A95	50.22170	35,000 ft	53	–
FIX	AWY-HI	72.26250	10,668 m		
LIGMO	A95	50.76080	35,000 ft	53	–
FIX	AWY-HI	71.14360	10,668 m		
APTUS	A95	50.93280	35,000 ft	17	–
FIX	AWY-HI	70.76690	10,668 m		
KODOL	A95	51.27720	35,000 ft	37	–
FIX	AWY-HI	69.94750	10,668 m		
ATBAN	A95	51.97330	35,000 ft	72	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	68.36440	10,668 m		
ATNON	G111	52.19690	35,000 ft	32	-
FIX	AWY-HI	67.56390	10,668 m		
LATKO	G111	52.41890	35,000 ft	33	-
FIX	AWY-HI	66.74080	10,668 m		
GITNA	G111	52.74970	35,000 ft	52	-
FIX	AWY-HI	65.42170	10,668 m		
DOKUT	G111	52.80390	35,000 ft	8	-
FIX	AWY-HI	65.20830	10,668 m		
KOSED	G111	53.20690	35,000 ft	64	-
FIX	AWY-HI	63.55030	10,668 m		
TITUR	G111	53.40170	35,000 ft	86	-
FIX	AWY-HI	61.15670	10,668 m		
BURIG	B935	53.40860	35,000 ft	53	-
FIX	AWY-HI	59.65190	10,668 m		
MGR	B935	53.40420	35,000 ft	32	MAGNITOGORSK
VOR	AWY-HI	58.75750	10,668 m		
RITKA	G234	53.50670	35,000 ft	24	-
FIX	AWY-HI	58.10170	10,668 m		
SINAD	G234	53.54030	35,000 ft	8	-
FIX	AWY-HI	57.87810	10,668 m		
BEROM	G234	53.74190	35,000 ft	50	-
FIX	AWY-HI	56.50030	10,668 m		
GOPAR	G234	53.96690	35,000 ft	62	-
FIX	AWY-HI	54.78170	10,668 m		
OLKIM	G234	54.33000	35,000 ft	43	-
FIX	AWY-HI	53.69860	10,668 m		
OKTAP	G234	54.43330	35,000 ft	12	-
FIX	AWY-HI	53.38170	10,668 m		
SONOT	G234	54.47670	35,000 ft	4	-
FIX	AWY-HI	53.26000	10,668 m		
ODLES	G234	54.71140	35,000 ft	65	-
FIX	AWY-HI	51.43060	10,668 m		
RD	G234	54.88330	35,000 ft	53	BAZARNYYE
NDB	AWY-HI	49.91500	10,668 m		
OGRUD	R493	55.08140	35,000 ft	37	-
FIX	AWY-HI	48.89780	10,668 m		
UW	R493	55.51670	35,000 ft	87	SHUMERLYA
NDB	AWY-HI	46.44810	10,668 m		
UD	R480	55.56670	35,000 ft	52	BUTURLINO
NDB	AWY-HI	44.91470	10,668 m		
MB	R480	55.60000	35,000 ft	38	CHERNUKHA
NDB	AWY-HI	43.78140	10,668 m		
RP	R480	55.80000	35,000 ft	24	SOSNOVSKOYE
NDB	AWY-HI	43.16470	10,668 m		
CW	R480	55.86780	35,000 ft	46	KRASNAYA
NDB	AWY-HI	41.78440	10,668 m		
ABOKA	R489	55.99440	35,000 ft	56	-
FIX	AWY-HI	40.11170	10,668 m		
MF	R489	56.02610	35,000 ft	16	LARIONOVO
NDB	AWY-HI	39.63420	10,668 m		
DIPAT	MF7T	56.01330	35,000 ft	53	-
FIX	AWY-HI	38.03670	10,668 m		
LAPUR	MF7T	56.01000	35,000 ft	5	-
FIX	AWY-HI	37.86080	10,668 m		
AR	FE5T	55.98330	35,000 ft	35	BUZHAROVO

Ident Type	Via	Lat Lon	Alt		Dist (nm)	Name
NDB	AWY-HI	36.79920	10,668 m			
BELAG	FE4T	56.16170	35,000 ft	51	-	
FIX	AWY-HI	35.28780	10,668 m			
OLIDI	A494	56.20310	35,000 ft	13	-	
FIX	AWY-HI	34.90110	10,668 m			
GAPSA	A494	56.27810	35,000 ft	24	-	
FIX	AWY-HI	34.19280	10,668 m			
ROMEL	A494	56.55310	35,000 ft	104	-	
FIX	AWY-HI	31.07610	10,668 m			
APTUK	A494	56.58280	35,000 ft	13	-	
FIX	AWY-HI	30.67420	10,668 m			
MABUD	A494	56.60110	35,000 ft	8	-	
FIX	AWY-HI	30.41390	10,668 m			
DITAG	A494	56.68110	35,000 ft	40	-	
FIX	AWY-HI	29.18500	10,668 m			
OPOKA	A494	56.75170	35,000 ft	42	-	
FIX	AWY-HI	27.90170	10,668 m			
BETAL	M869	56.81920	35,000 ft	47	-	
FIX	AWY-HI	26.46940	10,668 m			
BARVA	M869	56.85390	35,000 ft	30	-	
FIX	AWY-HI	25.54670	10,668 m			
RIA	M869	56.92090	35,000 ft	52	RIGA	
VOR	AWY-HI	23.96520	10,668 m			
VALED	M869	56.71970	35,000 ft	50	-	
FIX	AWY-HI	22.46190	10,668 m			
LEP	M869	56.51860	35,000 ft	46	LIEPAJA	
VOR	AWY-HI	21.09200	10,668 m			
LASMA	M864	56.43530	35,000 ft	29	-	
FIX	AWY-HI	20.21530	10,668 m			
ADAXA	M864	56.29780	35,000 ft	44	-	
FIX	AWY-HI	18.89830	10,668 m			
NINTA	M864	56.22880	35,000 ft	20	-	
FIX	AWY-HI	18.28560	10,668 m			
DIPEB	M864	56.18250	35,000 ft	10	-	
FIX	AWY-HI	17.97640	10,668 m			
KOLJA	M864	56.00000	35,000 ft	40	-	
FIX	AWY-HI	16.81470	10,668 m			
ELVIX	M611	55.41190	35,000 ft	98	-	
FIX	AWY-HI	14.09420	10,668 m			
MALIV	M611	55.16270	35,000 ft	39	-	
FIX	AWY-HI	13.03690	10,668 m			
ODARU	M611	55.09580	35,000 ft	10	-	
FIX	AWY-HI	12.76140	10,668 m			
CDA	M611	55.00150	35,000 ft	14	CODAN	
VOR	AWY-HI	12.37920	10,668 m			
MARIP	T550	54.72310	35,000 ft	37	-	
FIX	AWY-HI	11.42080	10,668 m			
GOBOT	Z701	54.62280	35,000 ft	13	-	
FIX	AWY-HI	11.08610	10,668 m			
EVIVU	UZ701	54.57890	35,000 ft	5	-	
FIX	AWY-HI	10.94030	10,668 m			
ABANO	UZ701	54.12920	35,000 ft	57	-	
FIX	AWY-HI	9.50000	10,668 m			
GASTU	UZ701	53.63330	35,000 ft	60	-	
FIX	AWY-HI	8.00528	10,668 m			
LUGUM	UZ701	53.30720	35,000 ft	38	-	

Ident Type	Via	Lat Lon	Alt		Dist (nm)	Name
FIX	AWY-HI	7.06782	10,668 m			
EEL	UZ701	53.16390	35,000 ft	16	EELDE	
VOR	AWY-HI	6.66668	10,668 m			
SPY	UZ701	52.54030	35,000 ft	75	SPIJKERBOOR	
VOR	AWY-HI	4.85378	10,668 m			
GORLO	UZ701	51.92410	29,600 ft	72	-	
FIX	AWY-HI	3.17184	9,022 m			
REFSO	UL980	51.80960	25,300 ft	19	-	
FIX	AWY-HI	2.66691	7,711 m			
XAMAN	UL980	51.78470	21,800 ft	16	-	
FIX	AWY-HI	2.22417	6,645 m			
EGLL	-	51.47120	0 ft	101	London Heathrow	
APT	-	-0.46088	0 m			

YSSY

Region: AUSTRALIA
Timezone: AUSTRALIA/SYDNEY
Runways: 3

Elevation: 21 ft / 6 m
Location: -33.946100 151.177000
Magnetic Var: 12.670 E

METAR

YSSY 281830Z AUTO 02004KT 330V100 9999 // OVC034 20/17 Q1026

TAF

TAF YSSY 281712Z 2818/3000 24007KT 9999 BKN020 FM290000 12010KT 9999 SCT030 FM290600 06012KT CAVOK FM290900 03008

Frequencies

REC - 118.55 MHz - ATIS
TWR - 124.70 MHz - SYDNEY TOWER
GND - 126.50 MHz - SYDNEY GROUND
GND - 130.95 MHz - ANSETT APRON
CLD - 133.80 MHz - SYDNEY CLEARANCE DELIVERY
APP - 128.30 MHz - SYDNEY APPROACH
APP - 126.10 MHz - SYDNEY DIRECT
APP - 133.95 MHz - ILS MONITOR
DEP - 129.70 MHz - SYDNEY DEPARTURE
DEP - 123.00 MHz - SYDNEY DEPARTURE

REC - 126.55 MHz - ATIS
TWR - 120.50 MHz - SYDNEY TOWER
GND - 121.70 MHz - SYDNEY GROUND
GND - 127.60 MHz - SYDNEY COORDINATOR
APP - 124.40 MHz - SYDNEY APPROACH
APP - 135.90 MHz - SYDNEY APPROACH
APP - 125.30 MHz - SYDNEY DIRECT
APP - 119.45 MHz - ILS MONITOR
DEP - 128.30 MHz - SYDNEY DEPARTURE
DEP - 118.40 MHz - SYDNEY DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	148 ft 45 m	8,018 ft 2,444 m	167.85 155.18	ASPHALT	758 ft 231 m	295 ft 90 m
34R	148 ft 45 m	8,018 ft 2,444 m	347.85 335.18	ASPHALT	125 ft 38 m	295 ft 90 m
07	148 ft 45 m	8,285 ft 2,525 m	74.14 61.47	ASPHALT	0 ft 0 m	489 ft 149 m
25	148 ft 45 m	8,285 ft 2,525 m	254.12 241.45	ASPHALT	331 ft 101 m	197 ft 60 m
16R	148 ft 45 m	13,029 ft 3,971 m	167.86 155.19	ASPHALT	279 ft 85 m	299 ft 91 m
34L	148 ft 45 m	13,029 ft 3,971 m	347.85 335.18	ASPHALT	0 ft 0 m	620 ft 189 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	DME	ISY	109.90 MHz	18 nm 33 km	- -	-	20 ft 20 m
16L	DME	ISS	110.90 MHz	18 nm 33 km	- -	-	30 ft 30 m
25	DME	ISW	109.70 MHz	18 nm 33 km	- -	-	33 ft 33 m
34R	DME	IKN	109.30 MHz	18 nm 33 km	- -	-	20 ft 20 m
07	LOC-ILS	ISY	109.90 MHz	18 nm 33 km	74.13 61.46	-	21 ft 21 m
16L	LOC-ILS	ISS	110.90 MHz	18 nm 33 km	167.85 155.18	-	21 ft 21 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16R	LOC-ILS	IKS	109.50 MHz	18 nm 33 km	167.86 155.19	-	21 ft 21 m
25	LOC-ILS	ISW	109.70 MHz	18 nm 33 km	254.13 241.46	-	21 ft 21 m
34L	LOC-ILS	ISN	110.10 MHz	18 nm 33 km	347.86 335.19	-	21 ft 21 m
34R	LOC-ILS	IKN	109.30 MHz	18 nm 33 km	347.85 335.18	-	21 ft 21 m
07	GS	ISY	109.90 MHz	10 nm 19 km	74.13 61.46	3.00	21 ft 21 m
16L	GS	ISS	110.90 MHz	10 nm 19 km	167.85 155.18	3.00	21 ft 21 m
16R	GS	IKS	109.50 MHz	10 nm 19 km	167.86 155.19	3.00	21 ft 21 m
25	GS	ISW	109.70 MHz	10 nm 19 km	254.13 241.46	3.00	21 ft 21 m
34L	GS	ISN	110.10 MHz	10 nm 19 km	347.86 335.19	3.00	21 ft 21 m
34R	GS	IKN	109.30 MHz	10 nm 19 km	347.85 335.18	3.00	21 ft 21 m

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.360 E

METAR

EGLL 281820Z AUTO 20024G36KT 9999 BKN030 OVC046 11/05 Q0977

TAF

TAF EGLL 281659Z 2818/2924 19022G33KT 9999 SCT020 TEMPO 2818/2822 7000 SHRA PROB40 TEMPO 2818/2821 19025G43KT 300

Frequencies

REC - 128.07 MHz - HEATHROW INFORMATION
CLD - 121.97 MHz - HEATHROW DELIVERY
GND - 121.85 MHz - HEATHROW GROUND
TWR - 118.50 MHz - HEATHROW TOWER
TWR - 124.47 MHz - HEATHROW TOWER
APP - 120.40 MHz - HEATHROW DIRECTOR
APP - 125.62 MHz - HEATHROW RADAR
DEP - 120.52 MHz - HEATHROW DEPARTURE

REC - 121.92 MHz - HEATHROW INFORMATION
GND - 121.70 MHz - HEATHROW GROUND
GND - 121.90 MHz - HEATHROW GROUND
TWR - 118.70 MHz - HEATHROW TOWER
APP - 119.72 MHz - HEATHROW DIRECTOR
APP - 134.97 MHz - HEATHROW DIRECTOR
APP - 127.52 MHz - HEATHROW RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	164 ft 50 m	12,770 ft 3,892 m	89.66 89.30	ASPHALT	1,007 ft 307 m	0 ft 0 m
27R	164 ft 50 m	12,770 ft 3,892 m	269.70 269.34	ASPHALT	0 ft 0 m	177 ft 54 m
09R	164 ft 50 m	11,975 ft 3,650 m	89.68 89.32	ASPHALT	1,004 ft 306 m	0 ft 0 m
27L	164 ft 50 m	11,975 ft 3,650 m	269.72 269.36	ASPHALT	0 ft 0 m	95 ft 29 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IAA	110.30 MHz	18 nm 33 km	- -	-	89 ft 89 m
09R	DME	IBB	109.50 MHz	18 nm 33 km	- -	-	84 ft 84 m
27L	DME	ILL	109.50 MHz	18 nm 33 km	- -	-	84 ft 84 m
27R	DME	IRR	110.30 MHz	18 nm 33 km	- -	-	89 ft 89 m
09L	LOC-ILS	IAA	110.30 MHz	18 nm 33 km	89.68 89.32	-	83 ft 83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm 33 km	89.70 89.34	-	83 ft 83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm 33 km	269.70 269.34	-	83 ft 83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm 33 km	269.68 269.32	-	83 ft 83 m
09L	GS	IAA	110.30 MHz	10 nm 19 km	89.68 89.32	3.00	83 ft 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	89.34		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.34		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.32		83 m