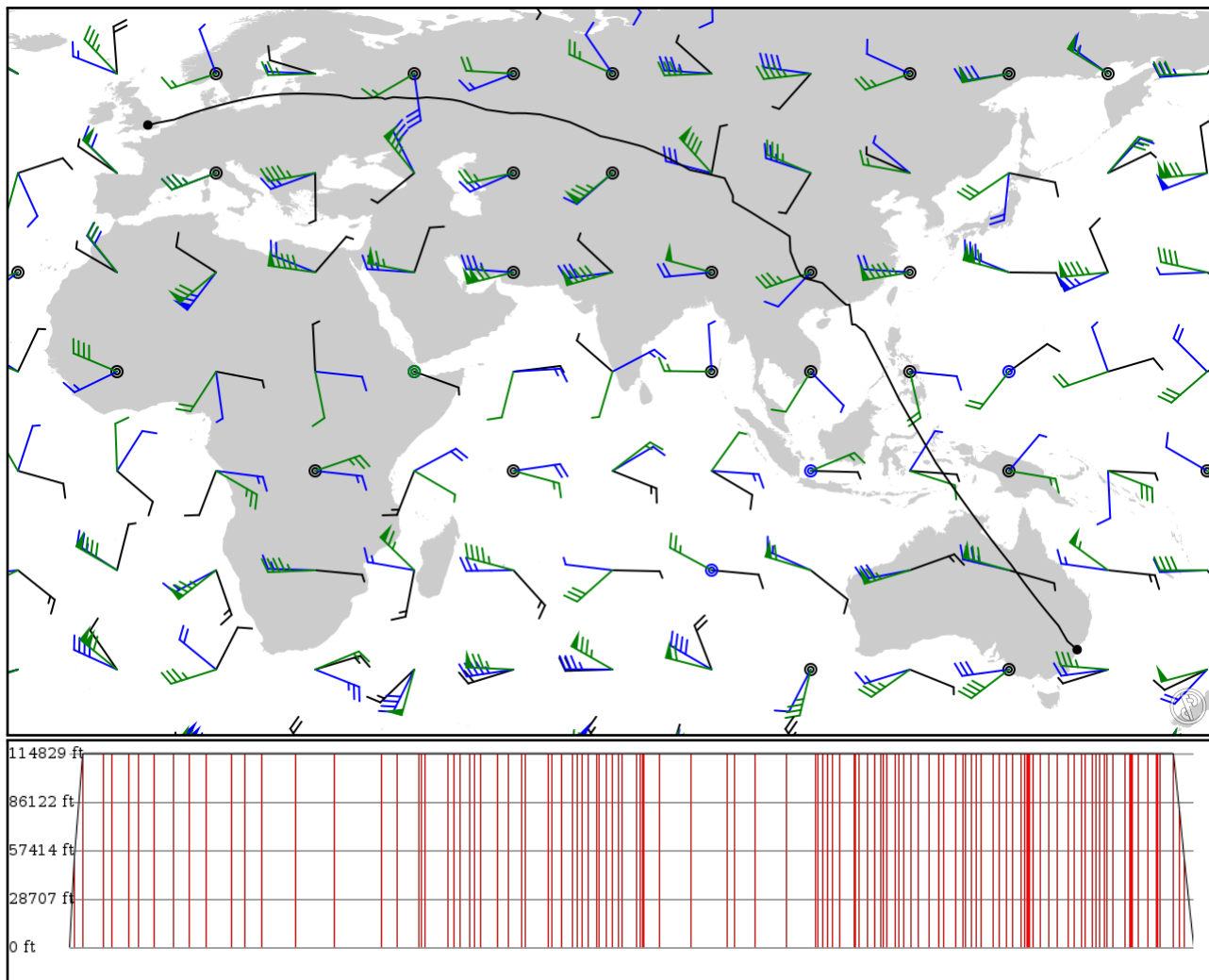


2024/05/08 0719Z

YSSY BOYSY **H202** WLG **R340** AMN **A461** ZAM **A583** MAVRA 1900N11500E DUMOL **M771** CH ZUH GYA MUBEL **B330**
OMBN 3600N10000E 3900N09500E 4000N09500E HMI **B215** FKG **A368** KRG **A95** ATBAN **G111** TITUR **G351** MGR
G234 KZN **A300** OK **R488** RP **R480** CW **R489** MF **CRDR9** RW **6E5** BP **6E2** AR **CRDR2** BG **R805** TU **G3** AMDOR **G350**
ABAGA **M864** ARKOL **UM864** SORES **M864** KOLJA **M611** CDA **UZ700** TULIP **L620** CLN11 EGLL

9458.80 nm / 17517.70 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
YSSY	-	-33.94927	0 ft	-	Sydney Intl
APT	-	151.18135	0 m		
BOYSY	-	-33.40139	16,200 ft	45	-
FIX	-	150.55000	4,938 m		
MISIT	H202	-32.59722	35,000 ft	66	-
FIX	AWY-LO	149.63444	10,668 m		
MDG	H202	-32.56093	35,000 ft	3	MUDGE VOR
VOR	AWY-LO	149.59369	10,668 m		
WLG	H202	-30.02865	35,000 ft	169	WALGETT VOR
VOR	AWY-LO	148.12841	10,668 m		
ONIVI	R340	-28.98417	35,000 ft	78	-
FIX	AWY-LO	147.23056	10,668 m		
AKLET	R340	-27.15267	35,000 ft	136	-
FIX	AWY-LO	145.71446	10,668 m		
VILOL	R340	-25.96417	35,000 ft	87	-
FIX	AWY-LO	144.76417	10,668 m		
TAVEV	R340	-24.26000	35,000 ft	125	-
FIX	AWY-LO	143.44250	10,668 m		
SARIK	R340	-22.00889	35,000 ft	163	-
FIX	AWY-LO	141.76250	10,668 m		
TASHA	R340	-20.11222	35,000 ft	137	-
FIX	AWY-LO	140.39778	10,668 m		
RUVP	R340	-18.22222	35,000 ft	142	-
FIX	AWY-LO	138.88250	10,668 m		
EGORE	R340	-15.36389	35,000 ft	213	-
FIX	AWY-LO	136.66861	10,668 m		
DUMAV	R340	-13.94083	35,000 ft	105	-
FIX	AWY-LO	135.59583	10,668 m		
IGOPO	R340	-11.94439	35,000 ft	147	-
FIX	AWY-LO	134.11828	10,668 m		
GUTEV	R340	-8.07333	35,000 ft	285	-
FIX	AWY-LO	131.32667	10,668 m		
AMN	R340	-3.61492	35,000 ft	326	AMBON VOR-DME
VOR	AWY-LO	128.18606	10,668 m		
BONDA	A461	2.04489	35,000 ft	393	-
FIX	AWY-LO	124.88044	10,668 m		
MOLLY	A461	4.00000	35,000 ft	136	-
FIX	AWY-LO	123.71833	10,668 m		
TANAL	A461	6.56119	35,000 ft	176	-
FIX	AWY-LO	122.26326	10,668 m		
ZAM	A461	6.92469	35,000 ft	25	ZAMBOANGA VOR-DME
VOR	AWY-LO	122.05548	10,668 m		
MASUN	A583	7.30043	35,000 ft	25	-
FIX	AWY-LO	121.87063	10,668 m		
MARAN	A583	10.17892	35,000 ft	192	-
FIX	AWY-LO	120.43917	10,668 m		
PALOS	A583	11.02849	35,000 ft	56	-
FIX	AWY-LO	120.01444	10,668 m		
TOKON	A583	11.70054	35,000 ft	45	-
FIX	AWY-LO	119.67469	10,668 m		
LEGED	A583	13.02034	35,000 ft	88	-
FIX	AWY-LO	119.00193	10,668 m		
REKEL	A583	13.59044	35,000 ft	38	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	118.70886	10,668 m		
IBOBI	A583	14.31167	35,000 ft	48	-
FIX	AWY-LO	118.33581	10,668 m		
AKOTA	A583	16.46203	35,000 ft	144	-
FIX	AWY-LO	117.20675	10,668 m		
MAVRA	A583	17.77784	35,000 ft	88	-
FIX	AWY-LO	116.50199	10,668 m		
1900N11500E	-	19.00000	35,000 ft	112	-
LATLON	-	115.00000	10,668 m		
DUMOL	-	19.00000	35,000 ft	31	-
FIX	-	114.44667	10,668 m		
CH	M771	22.21954	35,000 ft	194	CHEUNG CHAU VOR-DME
VOR	AWY-LO	114.03006	10,668 m		
ZUH	-	22.22167	35,000 ft	31	LIANSHENGWEI VOR-DME
VOR	-	113.46667	10,668 m		
GYA	-	23.07000	35,000 ft	74	GAOYAO VOR-DME
VOR	-	112.48667	10,668 m		
MUBEL	-	24.20500	35,000 ft	95	-
FIX	-	111.27667	10,668 m		
QP	B330	24.65667	35,000 ft	37	ERTANG NDB
NDB	AWY-LO	110.79333	10,668 m		
MAMSI	B330	25.19500	35,000 ft	44	-
FIX	AWY-LO	110.22000	10,668 m		
RO	B330	25.76833	35,000 ft	47	SANJIANG NDB
NDB	AWY-LO	109.60667	10,668 m		
ELKAL	B330	26.09500	35,000 ft	68	-
FIX	AWY-LO	108.39500	10,668 m		
ESNIB	B330	26.23167	35,000 ft	28	-
FIX	AWY-LO	107.88167	10,668 m		
KWE	B330	26.52000	35,000 ft	60	GUIYANG VOR-DME
VOR	AWY-LO	106.79500	10,668 m		
QNX	B330	27.04167	35,000 ft	51	QIANXI VOR-DME
VOR	AWY-LO	106.03000	10,668 m		
IDSEG	B330	27.68167	35,000 ft	42	-
FIX	AWY-LO	105.68667	10,668 m		
XYO	B330	28.17000	35,000 ft	32	XUYONG VOR-DME
VOR	AWY-LO	105.42333	10,668 m		
ZYG	B330	30.11500	35,000 ft	123	ZIYANG VOR-DME
VOR	AWY-LO	104.67667	10,668 m		
WFX	B330	30.60333	35,000 ft	30	WUFENGXI VOR-DME
VOR	AWY-LO	104.49167	10,668 m		
JTG	B330	30.87167	35,000 ft	16	JINTANG VOR-DME
VOR	AWY-LO	104.39333	10,668 m		
DOREX	B330	31.14667	35,000 ft	16	-
FIX	AWY-LO	104.38000	10,668 m		
OMBON	B330	33.35667	35,000 ft	132	-
FIX	AWY-LO	104.27167	10,668 m		
3600N10000E	-	36.00000	35,000 ft	263	-
LATLON	-	100.00000	10,668 m		
3900N09500E	-	39.00000	35,000 ft	298	-
LATLON	-	95.00000	10,668 m		
4000N09500E	-	40.00000	35,000 ft	60	-
LATLON	-	95.00000	10,668 m		
HMI	-	42.83333	35,000 ft	180	HAMI VOR-DME
VOR	-	93.65000	10,668 m		
FKG	B215	44.16667	35,000 ft	259	FUKANG VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	87.98333	10,668 m		
O	A368	46.65833	35,000 ft	245	TACHENG NDB
NDB	AWY-LO	83.37167	10,668 m		
SARIN	A368	46.86500	35,000 ft	23	-
FIX	AWY-LO	82.88833	10,668 m		
AGUSA	A368	47.23333	35,000 ft	40	-
FIX	AWY-LO	82.06056	10,668 m		
TOLKI	A368	47.57083	35,000 ft	37	-
FIX	AWY-LO	81.27778	10,668 m		
AGZ	A368	47.93111	35,000 ft	39	AYAGUZ VOR
VOR	AWY-LO	80.44972	10,668 m		
OSNER	A368	48.35528	35,000 ft	67	-
FIX	AWY-LO	78.90250	10,668 m		
GORBO	A368	49.05472	35,000 ft	115	-
FIX	AWY-HI	76.18333	10,668 m		
ULKAP	A368	49.12472	35,000 ft	12	-
FIX	AWY-LO	75.89222	10,668 m		
DIMUT	A368	49.30778	35,000 ft	33	-
FIX	AWY-LO	75.09833	10,668 m		
KRG	A368	49.68611	35,000 ft	71	KARAGANDA VOR-DME
VOR	AWY-LO	73.36333	10,668 m		
BEDKA	A95	50.22167	35,000 ft	53	-
FIX	AWY-LO	72.26250	10,668 m		
LIGMO	A95	50.76083	35,000 ft	53	-
FIX	AWY-LO	71.14361	10,668 m		
APTUS	A95	50.93278	35,000 ft	17	-
FIX	AWY-LO	70.76694	10,668 m		
KODOL	A95	51.27722	35,000 ft	37	-
FIX	AWY-LO	69.94750	10,668 m		
ATBAN	A95	51.97333	35,000 ft	72	-
FIX	AWY-LO	68.36444	10,668 m		
ATNON	G111	52.19694	35,000 ft	32	-
FIX	AWY-LO	67.56389	10,668 m		
LATKO	G111	52.41889	35,000 ft	33	-
FIX	AWY-LO	66.74083	10,668 m		
DOKUT	G111	52.80389	35,000 ft	60	-
FIX	AWY-LO	65.20833	10,668 m		
UAUU	G111	53.20667	35,000 ft	64	KOSTANAY
APT	AWY-LO	63.55083	10,668 m		
TITUR	G111	53.40167	35,000 ft	86	-
FIX	AWY-LO	61.15667	10,668 m		
MGR	G351	53.40417	35,000 ft	85	MAGNITOGORSK VOR-DME
VOR	AWY-LO	58.75750	10,668 m		
SINAD	G234	53.55861	35,000 ft	36	-
FIX	AWY-LO	57.75528	10,668 m		
LP	G234	53.96667	35,000 ft	108	SHAFRANOVO NDB
NDB	AWY-LO	54.78333	10,668 m		
UWUK	G234	54.43333	35,000 ft	56	-
APT	AWY-LO	53.38333	10,668 m		
UWKB	G234	54.64000	35,000 ft	23	-
APT	AWY-LO	52.80167	10,668 m		
BENOL	G234	55.07167	35,000 ft	52	-
FIX	AWY-LO	51.48333	10,668 m		
UWKI	G234	55.33333	35,000 ft	32	-
APT	AWY-LO	50.65000	10,668 m		
KZN	G234	55.60583	35,000 ft	49	KAZAN VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	49.27250	10,668 m		
GOLIR	A300	55.88333	35,000 ft	95	-
FIX	AWY-LO	46.48333	10,668 m		
OK	A300	56.00000	35,000 ft	49	LYSKOVO NDB
NDB	AWY-LO	45.03139	10,668 m		
RP	R488	55.80000	35,000 ft	63	SOSNOVSKOYE NDB
NDB	AWY-LO	43.16472	10,668 m		
CW	R480	55.86778	35,000 ft	46	KRASNAYA GORBATKA NDB
NDB	AWY-LO	41.78444	10,668 m		
MF	R489	56.02611	35,000 ft	72	LARIONOVO NDB
NDB	AWY-LO	39.63417	10,668 m		
ITINA	CRDR9	55.81667	35,000 ft	34	-
FIX	AWY-LO	38.66667	10,668 m		
RW	CRDR9	55.71139	35,000 ft	16	MARYINO NDB
NDB	AWY-LO	38.22806	10,668 m		
VINLI	6E5	55.86667	35,000 ft	15	-
FIX	AWY-LO	37.85000	10,668 m		
BP	6E5	55.90000	35,000 ft	5	CHELOBITYEVO NDB
NDB	AWY-LO	37.68333	10,668 m		
AR	6E2	55.98333	35,000 ft	30	BUZHAROVO NDB
NDB	AWY-LO	36.79917	10,668 m		
BG	CRDR2	55.83333	35,000 ft	65	KARMANOVO NDB
NDB	AWY-LO	34.85972	10,668 m		
TU	R805	55.85417	35,000 ft	64	BELY NDB
NDB	AWY-LO	32.93917	10,668 m		
AMDOR	G3	56.29972	35,000 ft	70	-
FIX	AWY-LO	30.99778	10,668 m		
ABAGA	G350	56.50500	35,000 ft	96	-
FIX	AWY-LO	28.12833	10,668 m		
ARKOL	M864	56.54667	35,000 ft	50	-
FIX	AWY-LO	26.61000	10,668 m		
SORES	UM864	56.60194	35,000 ft	59	-
FIX	AWY-HI	24.82472	10,668 m		
ATRAK	M864	56.59111	35,000 ft	32	-
FIX	AWY-LO	23.84306	10,668 m		
KOROT	M864	56.54917	35,000 ft	61	-
FIX	AWY-LO	22.00000	10,668 m		
LIE	M864	56.51856	35,000 ft	30	-
VOR	AWY-LO	21.09197	10,668 m		
LASMA	M864	56.43528	35,000 ft	29	-
FIX	AWY-LO	20.21528	10,668 m		
ADAXA	M864	56.29778	35,000 ft	44	-
FIX	AWY-LO	18.89833	10,668 m		
NINTA	M864	56.22889	35,000 ft	20	-
FIX	AWY-LO	18.28556	10,668 m		
KOLJA	M864	56.00000	35,000 ft	51	-
FIX	AWY-LO	16.81467	10,668 m		
ELVIX	M611	55.41186	35,000 ft	98	-
FIX	AWY-LO	14.09422	10,668 m		
MALIV	M611	55.16272	35,000 ft	39	-
FIX	AWY-LO	13.03686	10,668 m		
ODARU	M611	55.09583	35,000 ft	10	-
FIX	AWY-LO	12.76139	10,668 m		
CDA	M611	55.00150	35,000 ft	14	CODAN VOR-DME
VOR	AWY-LO	12.37921	10,668 m		
GITER	UZ700	54.64444	35,000 ft	52	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	11.00000	10,668 m		
MOVAX	UZ700	54.08667	35,000 ft	77	-
FIX	AWY-HI	9.00000	10,668 m		
NIKIL	UZ700	53.55778	35,000 ft	69	-
FIX	AWY-HI	7.24889	10,668 m		
LEKMO	UZ700	53.44167	35,000 ft	14	-
FIX	AWY-HI	6.90889	10,668 m		
BEDUM	UZ700	53.34817	35,000 ft	12	-
FIX	AWY-HI	6.58887	10,668 m		
TULIP	UZ700	52.36775	35,000 ft	115	-
FIX	AWY-HI	3.85731	10,668 m		
REDFA	L620	52.11459	24,800 ft	52	-
FIX	AWY-LO	2.48795	7,559 m		
CLN11	L620	51.90546	16,000 ft	41	-
FIX	AWY-LO	1.42891	4,877 m		
EGLL	-	51.47122	0 ft	75	London Heathrow
APT	-	-0.46098	0 m		

YSSY

Region: AUSTRALIA
Timezone: AUSTRALIA/SYDNEY
Runways: 3

Elevation: 21 ft / 6 m
Location: -33.946100 151.177000
Magnetic Var: 12.671 E

METAR

YSSY 080700Z 04008KT 5000 SHRA SCT025 BKN045 BKN100 19/15 Q1029

TAF

TAF YSSY 080513Z 0806/0912 10010KT 9999 -SHRA FEW015 SCT025 BECMG 0810/0812 29007KT 9999 -SHRA FEW008 SCT020 FM09000000

Frequencies

REC - 118.55 MHz - ATIS	REC - 126.55 MHz - ATIS
TWR - 124.70 MHz - SYDNEY TOWER	TWR - 120.50 MHz - SYDNEY TOWER
GND - 126.50 MHz - SYDNEY GROUND	GND - 121.70 MHz - SYDNEY GROUND
GND - 130.95 MHz - ANSETT APRON	GND - 127.60 MHz - SYDNEY COORDINATOR
CLD - 133.80 MHz - SYDNEY CLEARANCE DELIVERY	APP - 124.40 MHz - SYDNEY APPROACH
APP - 128.30 MHz - SYDNEY APPROACH	APP - 135.90 MHz - SYDNEY APPROACH
APP - 126.10 MHz - SYDNEY DIRECT	APP - 125.30 MHz - SYDNEY DIRECT
APP - 133.95 MHz - ILS MONITOR	APP - 119.45 MHz - ILS MONITOR
DEP - 129.70 MHz - SYDNEY DEPARTURE	DEP - 128.30 MHz - SYDNEY DEPARTURE
DEP - 123.00 MHz - SYDNEY DEPARTURE	DEP - 118.40 MHz - SYDNEY DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	148 ft	8,018 ft	167.85	ASPHALT	758 ft	295 ft
	45 m	2,444 m	155.18		231 m	90 m
34R	148 ft	8,018 ft	347.85	ASPHALT	125 ft	295 ft
	45 m	2,444 m	335.18		38 m	90 m
07	148 ft	8,285 ft	74.14	ASPHALT	0 ft	489 ft
	45 m	2,525 m	61.46		0 m	149 m
25	148 ft	8,285 ft	254.12	ASPHALT	331 ft	197 ft
	45 m	2,525 m	241.45		101 m	60 m
16R	148 ft	13,029 ft	167.86	ASPHALT	279 ft	299 ft
	45 m	3,971 m	155.19		85 m	91 m
34L	148 ft	13,029 ft	347.85	ASPHALT	0 ft	620 ft
	45 m	3,971 m	335.18		0 m	189 m

Approach Nav aids

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

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

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.376 E

METAR

EGLL 080650Z AUTO 06003KT 010V090 3100 BR OVC003 11/10 Q1029 BECMG 6000 SCT005

TAF

TAF AMD EGLL 080551Z 0806/0912 02003KT 4000 BR BKN004 BECMG 0806/0808 9999 NSW FEW020 BECMG 0817/0820 19010KT PROB

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	269.35		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