EGLL
London Heathrow

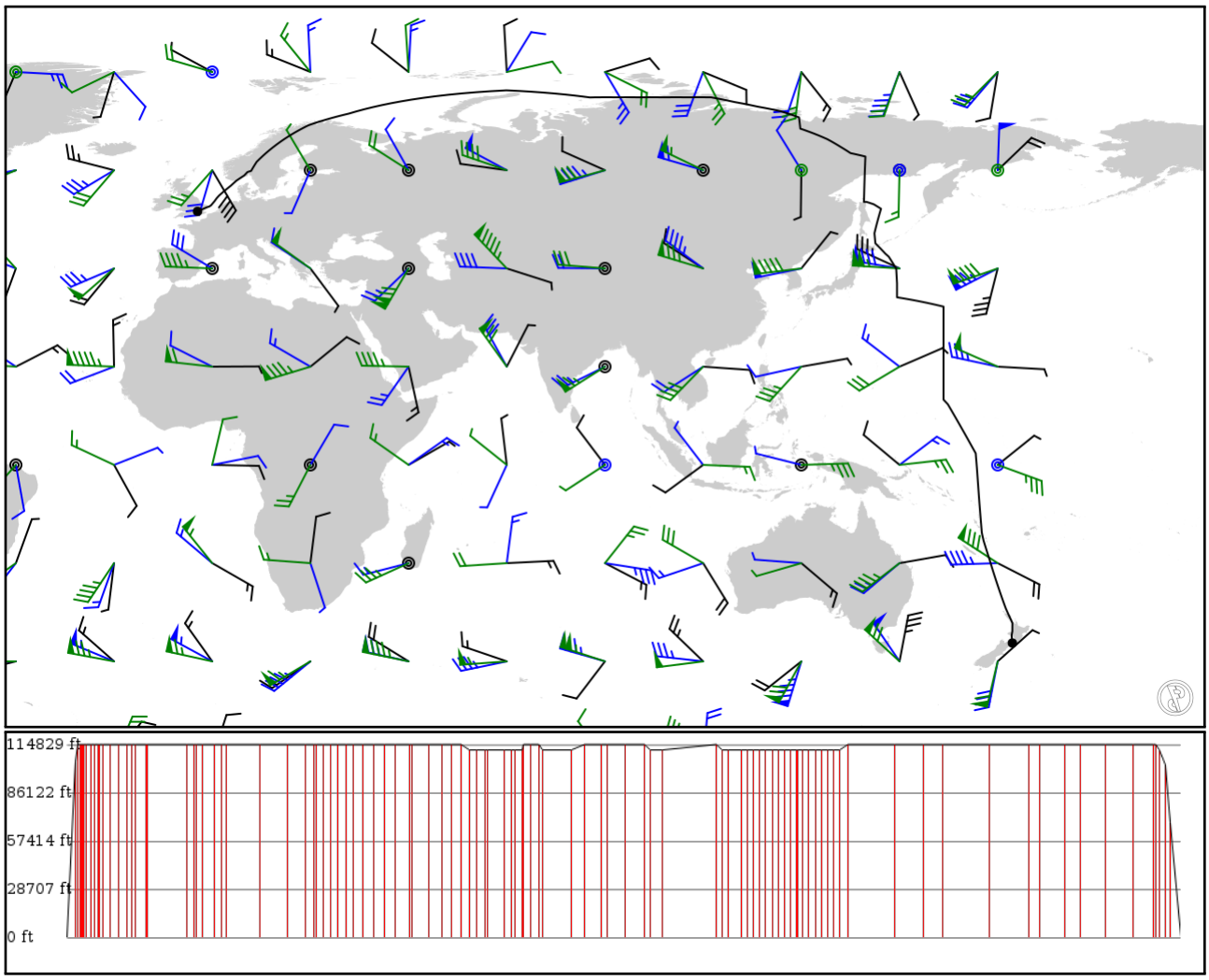
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NZWN
Wellington Intl

2024/03/19 0525Z

EGLL BANEM **UN866** LEDBO **UM604** SVA **UM609** TRF GRM **UP600** RIGNA **UN150** LATEN **B483** DOGOT 7600N08500E 7600N09000E 7600N09500E 7600N10000E 7600N10500E 7600N11000E 7500N11500E 7400N12000E 7300N12500E UEST **G493** TETKA 6900N13000E 6700N13500E UBIBA 6400N14000E INDIK **B933** UHSH **G73** PIKOD 5300N14500E TUNUN **B337** PAKLI TOKVI NUBDA ONEMU KALNA 36N150E 35N150E 33N150E **A** 31N160E 30N160E 29N160E 2700N16000E 2600N16000E 2500N16000E 2400N16000E 2300N16000E 2200N16000E 2100N16000E 2000N16000E 1900N16000E 1800N16000E MACAM 1700N16000E 1600N16000E 1500N16000E 1400N16000E 1300N16000E 1200N16000E 1100N16000E OLGIS **G223** NI ATIBA **B590** VLI **R599** DUGAN **A597** AA **H277** OR **H412** MEVAX NZWN

10839.52 nm / 20074.80 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
Using PACOT tracks from 4/7/2016

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EGLL APT	–	51.47122 -0.46098	0 ft 0 m	–	London Heathrow
BANEM FIX	–	52.33556 1.50528	31,900 ft 9,723 m	89	–
LEDBO FIX	UN866 AWY-HI	52.54306 2.10222	35,000 ft 10,668 m	25	–
ENITO FIX	UM604 AWY-HI	52.80139 2.46750	35,000 ft 10,668 m	20	–
BEKMO FIX	UM604 AWY-HI	52.98611 2.61944	35,000 ft 10,668 m	12	–
OKAMA FIX	UM604 AWY-HI	53.17083 2.77278	35,000 ft 10,668 m	12	–
GIVPO FIX	UM604 AWY-HI	53.28611 2.86917	35,000 ft 10,668 m	7	–
ROKAN FIX	UM604 AWY-HI	53.66333 3.18889	35,000 ft 10,668 m	25	–
VENAS FIX	UM604 AWY-HI	54.30556 3.65222	35,000 ft 10,668 m	41	–
LARGA FIX	UM604 AWY-HI	54.86389 4.15333	35,000 ft 10,668 m	37	–
INPUT FIX	UM604 AWY-HI	55.30500 4.65139	35,000 ft 10,668 m	31	–
INBOB FIX	UM604 AWY-HI	55.60694 5.00000	35,000 ft 10,668 m	21	–
BUSOM FIX	UM604 AWY-HI	55.94194 5.39472	35,000 ft 10,668 m	24	–
DANKO FIX	UM604 AWY-HI	57.00000 6.69778	35,000 ft 10,668 m	76	–
SVA VOR	UM604 AWY-HI	58.08450 7.90831	35,000 ft 10,668 m	75	SVENSHEIA VOR-DME
SKI VOR	UM609 AWY-HI	59.18803 9.57029	35,000 ft 10,668 m	84	SKIEN VOR-DME
TRF NDB	UM609 AWY-HI	59.92918 10.26931	35,000 ft 10,668 m	49	TYRIFJORD NDB
GRM VOR	–	60.19176 11.07442	35,000 ft 10,668 m	28	GARDERMOEN VOR-DME
TORGA FIX	UP600 AWY-HI	62.00000 12.17194	35,000 ft 10,668 m	113	–
RIGNA FIX	UP600 AWY-HI	62.13889 12.26194	35,000 ft 10,668 m	8	–
OGRIN FIX	UN150 AWY-HI	67.73264 19.30256	35,000 ft 10,668 m	380	–
OGLAV FIX	UN150 AWY-HI	68.83306 21.17278	35,000 ft 10,668 m	78	–
GAPRO FIX	UN150 AWY-HI	69.17250 21.79611	35,000 ft 10,668 m	24	–
ATA VOR	UN150 AWY-HI	69.97758 23.37182	35,000 ft 10,668 m	58	ALTA VOR-DME
ANETI FIX	UN150 AWY-HI	71.33333 27.59750	35,000 ft 10,668 m	116	–
LARIL FIX	UN150 AWY-HI	71.98917 30.00000	35,000 ft 10,668 m	60	–
LATEN	UN150	72.50000	35,000 ft	48	–

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
FIX	AWY-HI	32.08333	10,668 m		
TIMUN	B483	75.87361	35,000 ft	328	-
FIX	AWY-HI	47.99556	10,668 m		
ANODI	B483	77.50083	35,000 ft	266	-
FIX	AWY-HI	65.99639	10,668 m		
LIKUN	B483	76.59583	35,000 ft	178	-
FIX	AWY-HI	78.68444	10,668 m		
DOGOT	B483	75.97250	35,000 ft	83	-
FIX	AWY-HI	83.95500	10,668 m		
7600N08500E	-	76.00000	35,000 ft	15	-
LATLON	-	85.00000	10,668 m		
7600N09000E	-	76.00000	35,000 ft	72	-
LATLON	-	90.00000	10,668 m		
7600N09500E	-	76.00000	35,000 ft	72	-
LATLON	-	95.00000	10,668 m		
7600N10000E	-	76.00000	35,000 ft	72	-
LATLON	-	100.00000	10,668 m		
7600N10500E	-	76.00000	35,000 ft	72	-
LATLON	-	105.00000	10,668 m		
7600N11000E	-	76.00000	35,000 ft	72	-
LATLON	-	110.00000	10,668 m		
7500N11500E	-	75.00000	35,000 ft	96	-
LATLON	-	115.00000	10,668 m		
7400N12000E	-	74.00000	35,000 ft	100	-
LATLON	-	120.00000	10,668 m		
7300N12500E	-	73.00000	35,000 ft	104	-
LATLON	-	125.00000	10,668 m		
UEST	-	71.69767	35,000 ft	105	Tiksi
APT	-	128.90303	10,668 m		
TETKA	G493	69.27000	35,000 ft	145	-
FIX	AWY-HI	129.19000	10,668 m		
6900N13000E	-	69.00000	35,000 ft	23	-
LATLON	-	130.00000	10,668 m		
6700N13500E	-	67.00000	35,000 ft	164	-
LATLON	-	135.00000	10,668 m		
UBIBA	-	65.31833	35,000 ft	123	-
FIX	-	137.91000	10,668 m		
6400N14000E	-	64.00000	35,000 ft	95	-
LATLON	-	140.00000	10,668 m		
INDIK	-	63.26722	35,000 ft	96	-
FIX	-	143.20194	10,668 m		
KOMEG	B933	62.00889	34,000 ft	75	-
FIX	AWY-HI	143.14861	10,363 m		
OMAVI	B933	60.77722	34,000 ft	73	-
FIX	AWY-HI	143.10167	10,363 m		
UHOO	B933	59.40167	34,000 ft	82	-
APT	AWY-HI	143.05167	10,363 m		
PEROD	B933	59.09694	34,000 ft	18	-
FIX	AWY-HI	143.04333	10,363 m		
LEKMA	B933	56.35694	34,000 ft	164	-
FIX	AWY-HI	142.96000	10,363 m		
MOLUT	B933	55.21194	34,000 ft	68	-
FIX	AWY-HI	142.92833	10,363 m		
OMARU	B933	54.59194	34,000 ft	37	-
FIX	AWY-HI	142.91167	10,363 m		
UHSH	B933	53.51667	34,000 ft	64	-

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
APT	AWY-HI	142.88333	10,363 m		
PIKOD	G73	53.51694	35,000 ft	19	-
FIX	AWY-HI	143.43472	10,668 m		
5300N14500E	-	53.00000	35,000 ft	64	-
LATLON	-	145.00000	10,668 m		
TUNUN	-	52.03194	35,000 ft	81	-
FIX	-	146.55833	10,668 m		
UNELA	B337	51.42528	34,000 ft	37	-
FIX	AWY-HI	146.37639	10,363 m		
PAKLI	B337	46.77167	34,000 ft	283	-
FIX	AWY-HI	145.13472	10,363 m		
TOKVI	-	44.61833	35,000 ft	129	-
FIX	-	145.33833	10,668 m		
NUBDA	-	42.39106	35,000 ft	162	-
FIX	-	147.47575	10,668 m		
ONEMU	-	41.73947	35,000 ft	51	-
FIX	-	148.21742	10,668 m		
KALNA	-	39.15383	35,000 ft	171	-
FIX	-	149.82550	10,668 m		
36N150E	-	36.00000	35,000 ft	189	-
LATLON	-	150.00000	10,668 m		
35N150E	-	35.00000	34,000 ft	60	-
LATLON	-	150.00000	10,363 m		
33N150E	-	33.00000	34,000 ft	120	-
LATLON	-	150.00000	10,363 m		
31N160E	A	31.00000	35,000 ft	523	-
LATLON	PACOT	160.00000	10,668 m		
30N160E	-	30.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
29N160E	-	29.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
2700N16000E	-	27.00000	34,000 ft	120	-
LATLON	-	160.00000	10,363 m		
2600N16000E	-	26.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
2500N16000E	-	25.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
2400N16000E	-	24.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
2300N16000E	-	23.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
2200N16000E	-	22.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
2100N16000E	-	21.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
2000N16000E	-	20.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
1900N16000E	-	19.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
1800N16000E	-	18.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
MACAM	-	17.84833	34,000 ft	9	-
FIX	-	160.00000	10,363 m		
1700N16000E	-	17.00000	34,000 ft	50	-
LATLON	-	160.00000	10,363 m		
1600N16000E	-	16.00000	34,000 ft	60	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	160.00000	10,363 m		
1500N16000E	-	15.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
1400N16000E	-	14.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
1300N16000E	-	13.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
1200N16000E	-	12.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
1100N16000E	-	11.00000	34,000 ft	60	-
LATLON	-	160.00000	10,363 m		
OLGIS	-	10.00000	35,000 ft	81	-
FIX	-	160.93500	10,668 m		
MUBIT	G223	3.50000	35,000 ft	449	-
FIX	AWY-HI	164.66833	10,668 m		
NI	G223	-0.54333	35,000 ft	277	NAURU VOR-DME
VOR	AWY-HI	166.92167	10,668 m		
ATIBA	-	-3.73333	35,000 ft	192	-
FIX	-	167.18333	10,668 m		
KAPNO	B590	-11.32833	35,000 ft	457	-
FIX	AWY-HI	167.73167	10,668 m		
VLI	B590	-17.66222	35,000 ft	381	BAUERFIELD VOR-DME
VOR	AWY-HI	168.24389	10,668 m		
ELSAX	R599	-19.32667	35,000 ft	102	-
FIX	AWY-HI	168.61667	10,668 m		
NONON	R599	-23.32500	35,000 ft	250	-
FIX	AWY-HI	169.87500	10,668 m		
SADIM	R599	-25.72639	35,000 ft	149	-
FIX	AWY-HI	170.61383	10,668 m		
RUMUS	R599	-29.56106	35,000 ft	239	-
FIX	AWY-HI	171.86083	10,668 m		
DUGAN	R599	-33.87947	35,000 ft	270	-
FIX	AWY-HI	173.39017	10,668 m		
AA	A597	-37.00464	35,000 ft	200	AUCKLAND VOR-DME
VOR	AWY-HI	174.81364	10,668 m		
WI	H277	-37.26765	35,000 ft	15	WAIUKU NDB
NDB	AWY-HI	174.81407	10,668 m		
POKOM	H277	-37.87208	34,000 ft	36	-
FIX	AWY-HI	174.80631	10,363 m		
OR	H277	-38.82662	31,300 ft	57	OHURA VOR-DME
VOR	AWY-HI	174.80663	9,540 m		
MEVAX	H412	-39.70525	20,900 ft	53	-
FIX	AWY-HI	174.64483	6,370 m		
NZWN	-	-41.32684	0 ft	97	Wellington Intl
APT	-	174.80684	0 m		

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.357 E

METAR

EGLL 190450Z AUTO 20009KT 180V240 9999 OVC031 11/08 Q1014

TAF

TAF EGLL 182307Z 1900/2006 21010KT 9999 FEW012 BKN025 PROB40 TEMPO 1900/1906 BKN012 TEMPO 1906/1911 8000 -RADZ BK

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	269.70 269.35	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	269.72 269.37	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

NZWN

Region: NEW ZEALAND AND ANTARCTICA
Timezone: PACIFIC/AUCKLAND
Runways: 1

Elevation: 41 ft / 12 m
Location: -41.326700 174.807000
Magnetic Var: 22.982 E

METAR

NZWN 190500Z AUTO 17018KT 9999 FEW036/// 14/06 Q1030

TAF

TAF NZWN 190201Z 1903/2006 17020KT 9999 -SHRA SCT040 BECMG 1909/1911 16010KT

Frequencies

CLD - 128.20 MHz - CLNC DEL
DEP - 122.30 MHz -
GND - 121.90 MHz -
REC - 126.90 MHz - ATIS

APP - 119.30 MHz -
TWR - 118.80 MHz -
COM - 122.80 MHz - UNICOM
TWR - 128.80 MHz - UNNAMED ENTITY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	131 ft 40 m	6,735 ft 2,053 m	182.88 159.90	ASPHALT	427 ft 130 m	62 ft 19 m
34	131 ft 40 m	6,735 ft 2,053 m	2.88 339.90	ASPHALT	348 ft 106 m	161 ft 49 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	DME	IEB	110.30 MHz	18 nm 33 km	- -	-	26 ft 26 m
34	DME	IMP	109.90 MHz	18 nm 33 km	- -	-	7 ft 7 m
16	LOC-ILS	IEB	110.30 MHz	18 nm 33 km	182.84 159.86	-	20 ft 20 m
34	LOC-ILS	IMP	109.90 MHz	18 nm 33 km	2.75 339.77	-	20 ft 20 m
16	GS	IEB	110.30 MHz	10 nm 19 km	184.06 161.08	3.00	26 ft 26 m
34	GS	IMP	109.90 MHz	10 nm 19 km	3.00 340.02	3.00	6 ft 6 m