PHNL
Honolulu Intl

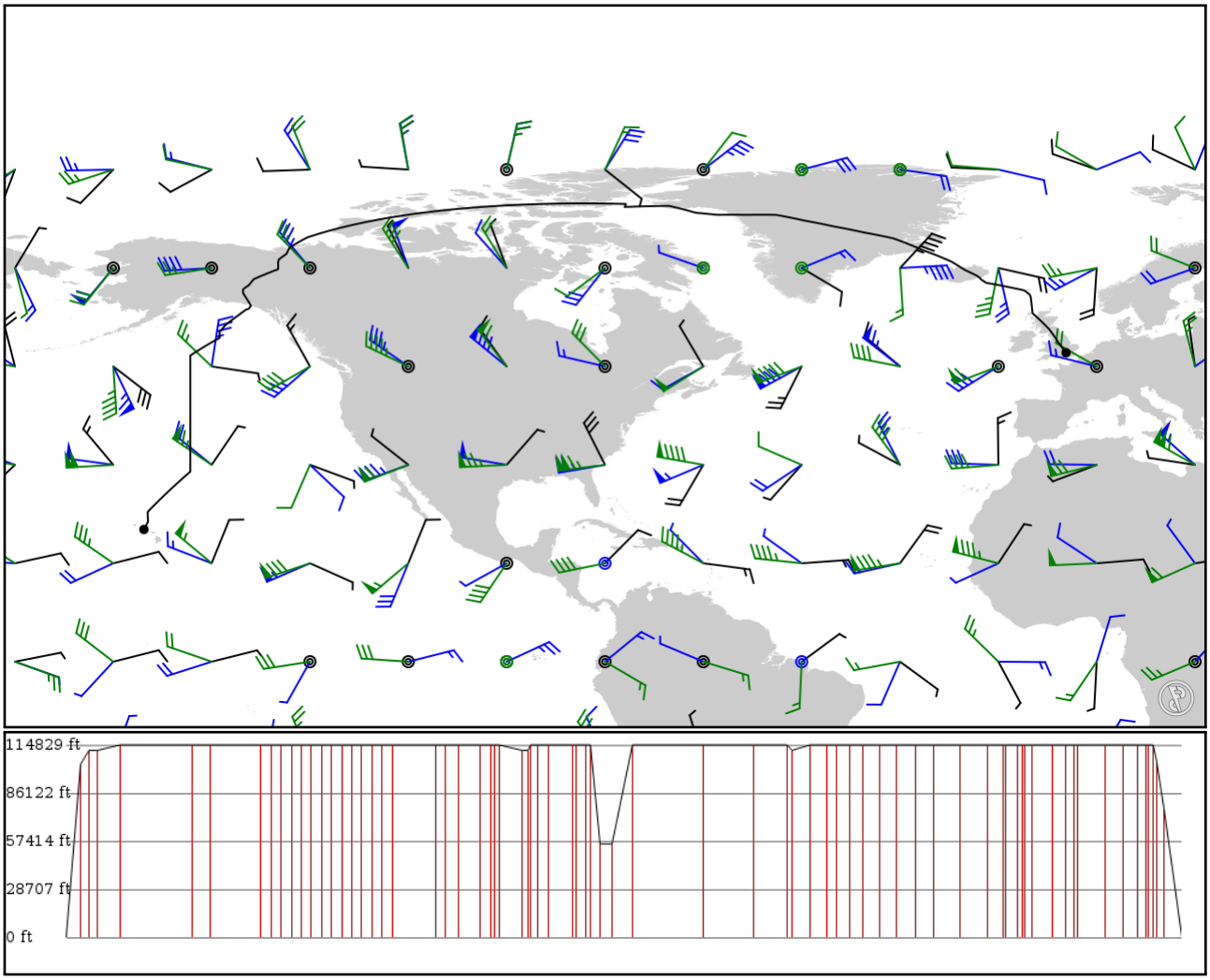
-

EGLL
London Heathrow

2024/03/19 0812Z

PHNL ATINE **V7** ZIGIE **A331** ZAALE 33N150W 3800N15000W 3900N15000W 4000N15000W 4100N15000W 4200N15000W 4300N15000W 4400N15000W 4500N15000W 4600N15000W 4700N15000W 4800N15000W 4900N15000W 5000N15000W 5100N15000W 5400N14500W 5500N14500W HATON SNOUT LAIRE 5900N14000W YAK **J507** BORAN GAHAM YXQ 6300N14000W DA BOLMO 6600N13500W 6700N13500W BITRO ZFM **BR17** EV **AR8** UB SIKBU **M454** SINVU DOGGY **5E44** THT **5E59** SAVIS 7500N06000W 7500N05500W 7500N05000W 7400N04500W 7300N04000W 7200N03500W 7100N03000W 6900N02500W 6700N02000W AKI RETUR KLAKI **B2** HN 6400N01500W ROSTI **G3** MY **G11** AB OLKER **UN614** STN **UN601** POL **UN57** TNT EGLL

6645.14 nm / 12306.80 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

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
PHNL APT	–	21.31938 -157.92128	0 ft 0 m	–	Honolulu Intl
ATINE FIX	–	22.64113 -157.22400	31,500 ft 9,601 m	88	–
BERLE FIX	V7 AWY-HI	23.47808 -157.25597	34,000 ft 10,363 m	50	–
ZIGIE FIX	V7 AWY-HI	24.31369 -157.28536	34,000 ft 10,363 m	50	–
ZURIC FIX	A331 AWY-HI	26.03239 -155.58922	35,000 ft 10,668 m	138	–
ZAALE FIX	A331 AWY-HI	31.18689 -150.00000	35,000 ft 10,668 m	427	–
33N150W LATLON	–	33.00000 -150.00000	35,000 ft 10,668 m	108	–
3800N15000W LATLON	–	38.00000 -150.00000	35,000 ft 10,668 m	300	–
3900N15000W LATLON	–	39.00000 -150.00000	35,000 ft 10,668 m	60	–
4000N15000W LATLON	–	40.00000 -150.00000	35,000 ft 10,668 m	60	–
4100N15000W LATLON	–	41.00000 -150.00000	35,000 ft 10,668 m	60	–
4200N15000W LATLON	–	42.00000 -150.00000	35,000 ft 10,668 m	60	–
4300N15000W LATLON	–	43.00000 -150.00000	35,000 ft 10,668 m	60	–
4400N15000W LATLON	–	44.00000 -150.00000	35,000 ft 10,668 m	60	–
4500N15000W LATLON	–	45.00000 -150.00000	35,000 ft 10,668 m	60	–
4600N15000W LATLON	–	46.00000 -150.00000	35,000 ft 10,668 m	60	–
4700N15000W LATLON	–	47.00000 -150.00000	35,000 ft 10,668 m	60	–
4800N15000W LATLON	–	48.00000 -150.00000	35,000 ft 10,668 m	60	–
4900N15000W LATLON	–	49.00000 -150.00000	35,000 ft 10,668 m	60	–
5000N15000W LATLON	–	50.00000 -150.00000	35,000 ft 10,668 m	60	–
5100N15000W LATLON	–	51.00000 -150.00000	35,000 ft 10,668 m	60	–
5400N14500W LATLON	–	54.00000 -145.00000	35,000 ft 10,668 m	256	–
5500N14500W LATLON	–	55.00000 -145.00000	35,000 ft 10,668 m	60	–
HATON FIX	–	56.19442 -144.00174	35,000 ft 10,668 m	79	–
SNOUT FIX	–	57.89066 -141.75529	35,000 ft 10,668 m	125	–
LAIRE FIX	–	58.80408 -140.52871	35,000 ft 10,668 m	67	–
5900N14000W	–	59.00000	35,000 ft	20	–

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
LATLON	-	-140.00000	10,668 m		
YAK	-	59.51083	35,000 ft	32	YAKUTAT VOR-DME
VOR	-	-139.64814	10,668 m		
BORAN	J507	61.62853	34,000 ft	133	-
FIX	AWY-HI	-140.98131	10,363 m		
GAHAM	-	62.24946	34,000 ft	37	-
FIX	-	-141.00000	10,363 m		
YXQ	-	62.40878	35,000 ft	10	BEAVER CREEK NDB
NDB	-	-140.86119	10,668 m		
6300N14000W	-	63.00000	35,000 ft	42	-
LATLON	-	-140.00000	10,668 m		
DA	-	64.02889	35,000 ft	65	DAWSON CITY NDB
NDB	-	-139.16806	10,668 m		
BOLMO	-	65.72306	35,000 ft	147	-
FIX	-	-135.00000	10,668 m		
6600N13500W	-	66.00000	35,000 ft	16	-
LATLON	-	-135.00000	10,668 m		
6700N13500W	-	67.00000	35,000 ft	60	-
LATLON	-	-135.00000	10,668 m		
BITRO	-	67.00250	35,000 ft	0	-
FIX	-	-135.00000	10,668 m		
ZFM	-	67.41028	35,000 ft	24	FORT MCPHERSON NDB
NDB	-	-134.87361	10,668 m		
EV	BR17	68.32611	17,000 ft	62	INUVIK NDB
NDB	AWY-LO	-133.59278	5,182 m		
UB	AR8	69.43444	17,000 ft	67	TUKTOYAKTUK NDB
NDB	AWY-LO	-133.01722	5,182 m		
SIKBU	-	71.16667	35,000 ft	120	-
FIX	-	-130.00000	10,668 m		
SUTNO	M454	75.40028	35,000 ft	425	-
FIX	AWY-HI	-110.00000	10,668 m		
SIGPI	M454	76.85806	35,000 ft	299	-
FIX	AWY-HI	-90.00000	10,668 m		
SINVU	M454	76.85917	35,000 ft	196	-
FIX	AWY-HI	-75.60722	10,668 m		
DOGGY	-	76.35000	34,000 ft	30	-
FIX	-	-75.83333	10,363 m		
THT	5E44	76.54242	35,000 ft	107	THULE VORTAC
VOR	AWY-HI	-68.23922	10,668 m		
SAVIS	5E59	75.35000	35,000 ft	97	-
FIX	AWY-HI	-63.66667	10,668 m		
7500N06000W	-	75.00000	35,000 ft	60	-
LATLON	-	-60.00000	10,668 m		
7500N05500W	-	75.00000	35,000 ft	77	-
LATLON	-	-55.00000	10,668 m		
7500N05000W	-	75.00000	35,000 ft	77	-
LATLON	-	-50.00000	10,668 m		
7400N04500W	-	74.00000	35,000 ft	100	-
LATLON	-	-45.00000	10,668 m		
7300N04000W	-	73.00000	35,000 ft	104	-
LATLON	-	-40.00000	10,668 m		
7200N03500W	-	72.00000	35,000 ft	108	-
LATLON	-	-35.00000	10,668 m		
7100N03000W	-	71.00000	35,000 ft	112	-
LATLON	-	-30.00000	10,668 m		
6900N02500W	-	69.00000	35,000 ft	157	-

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
LATLON	–	-25.00000	10,668 m		
6700N02000W	–	67.00000	35,000 ft	164	–
LATLON	–	-20.00000	10,668 m		
AKI	–	65.75981	35,000 ft	88	AKUREYRI VOR-DME
VOR	–	-18.00411	10,668 m		
RETUR	–	65.53861	35,000 ft	16	–
FIX	–	-17.62472	10,668 m		
KLAKI	–	64.65556	35,000 ft	70	–
FIX	–	-15.77000	10,668 m		
HN	B2	64.26908	35,000 ft	27	HORNAFJORDUR NDB
NDB	AWY-HI	-15.21342	10,668 m		
6400N01500W	–	64.00000	35,000 ft	17	–
LATLON	–	-15.00000	10,668 m		
ROSTI	–	63.40639	35,000 ft	42	–
FIX	–	-14.11222	10,668 m		
LINDA	G3	62.62167	35,000 ft	121	–
FIX	AWY-HI	-10.00000	10,668 m		
MY	G3	62.10694	35,000 ft	73	MYGGENES NDB
NDB	AWY-HI	-7.58778	10,668 m		
AB	G11	61.39528	35,000 ft	49	AKRABERG NDB
NDB	AWY-HI	-6.68111	10,668 m		
OLKER	–	61.00000	35,000 ft	24	–
FIX	–	-6.50000	10,668 m		
STN	UN614	58.20694	35,000 ft	168	STORNOWAY VOR-DME
VOR	AWY-HI	-6.18306	10,668 m		
NEVIS	UN601	56.69528	35,000 ft	105	–
FIX	AWY-HI	-4.54472	10,668 m		
TLA	UN601	55.49917	35,000 ft	82	TALLA VOR-DME
VOR	AWY-HI	-3.35278	10,668 m		
MARGO	UN601	54.70750	35,000 ft	51	–
FIX	AWY-HI	-2.77472	10,668 m		
SHAPP	UN601	54.50000	35,000 ft	13	–
FIX	AWY-HI	-2.62722	10,668 m		
RIBEL	UN601	54.01611	35,000 ft	31	–
FIX	AWY-HI	-2.28972	10,668 m		
POL	UN601	53.74389	31,900 ft	17	POLE HILL VOR-DME
VOR	AWY-HI	-2.10333	9,723 m		
TNT	UN57	53.05389	23,500 ft	44	TRENT VOR-DME
VOR	AWY-HI	-1.67000	7,163 m		
EGLL	–	51.47122	0 ft	104	London Heathrow
APT	–	-0.46098	0 m		

PHNL

Region: USA (HAWAII)
Timezone: PACIFIC/HONOLULU
Runways: 4

Elevation: 13 ft / 4 m
Location: 21.319400 -157.921000
Magnetic Var: 9.264 E

METAR

PHNL 190753Z 07010KT 10SM FEW024 SCT045 22/16 A3008

TAF

PHNL 190527Z 1906/2012 08010KT P6SM FEW025 SCT045 FM190900 35005KT P6SM FEW025 FM192000 05012G19KT P6SM FEW025 SC

Frequencies

REC - 127.90 MHz - ATIS
TWR - 123.90 MHz - HONOLULU TOWER
CLD - 121.40 MHz - CLEARANCE DELIVERY
DEP - 124.80 MHz - HCF DEPARTURE
TWR - 118.10 MHz - HONOLULU TOWER
GND - 121.90 MHz - HONOLULU GROUND
APP - 118.30 MHz - HCF APPROACH
DEP - 124.80 MHz - HCF DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	150 ft 46 m	6,961 ft 2,122 m	52.84 43.58	ASPHALT	0 ft 0 m	0 ft 0 m
22R	150 ft 46 m	6,961 ft 2,122 m	232.85 223.58	ASPHALT	0 ft 0 m	0 ft 0 m
04R	150 ft 46 m	9,010 ft 2,746 m	52.85 43.59	ASPHALT	0 ft 0 m	194 ft 59 m
22L	150 ft 46 m	9,010 ft 2,746 m	232.86 223.59	ASPHALT	0 ft 0 m	197 ft 60 m
08R	200 ft 61 m	11,987 ft 3,654 m	90.01 80.74	ASPHALT	0 ft 0 m	558 ft 170 m
26L	200 ft 61 m	11,987 ft 3,654 m	270.02 260.75	ASPHALT	0 ft 0 m	554 ft 169 m
08L	150 ft 46 m	12,297 ft 3,748 m	90.00 80.74	ASPHALT	0 ft 0 m	469 ft 143 m
26R	150 ft 46 m	12,297 ft 3,748 m	270.01 260.75	ASPHALT	0 ft 0 m	696 ft 212 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IIUM	110.50 MHz	18 nm 33 km	- -	-	21 ft 21 m
26L	DME	IEPC	109.10 MHz	18 nm 33 km	- -	-	13 ft 13 m
26L	LOC-LOC	IEPC	109.10 MHz	18 nm 33 km	304.00 294.74	-	13 ft 13 m
04R	GS	IIUM	110.50 MHz	10 nm 19 km	52.85 43.59	3.00	13 ft 13 m
08L	GS	IHNL	111.70 MHz	10 nm 19 km	90.01 80.75	3.01	13 ft 13 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 190750Z AUTO 22010KT 9999 OVC016 12/08 Q1014 TEMPO BKN012

TAF

TAF EGLL 190459Z 1906/2012 21010KT 9999 SCT012 BKN018 TEMPO 1906/1912 7000 -RADZ BKN010 PROB40 TEMPO 1907/1912 BKN

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