

EGLL

London Heathrow

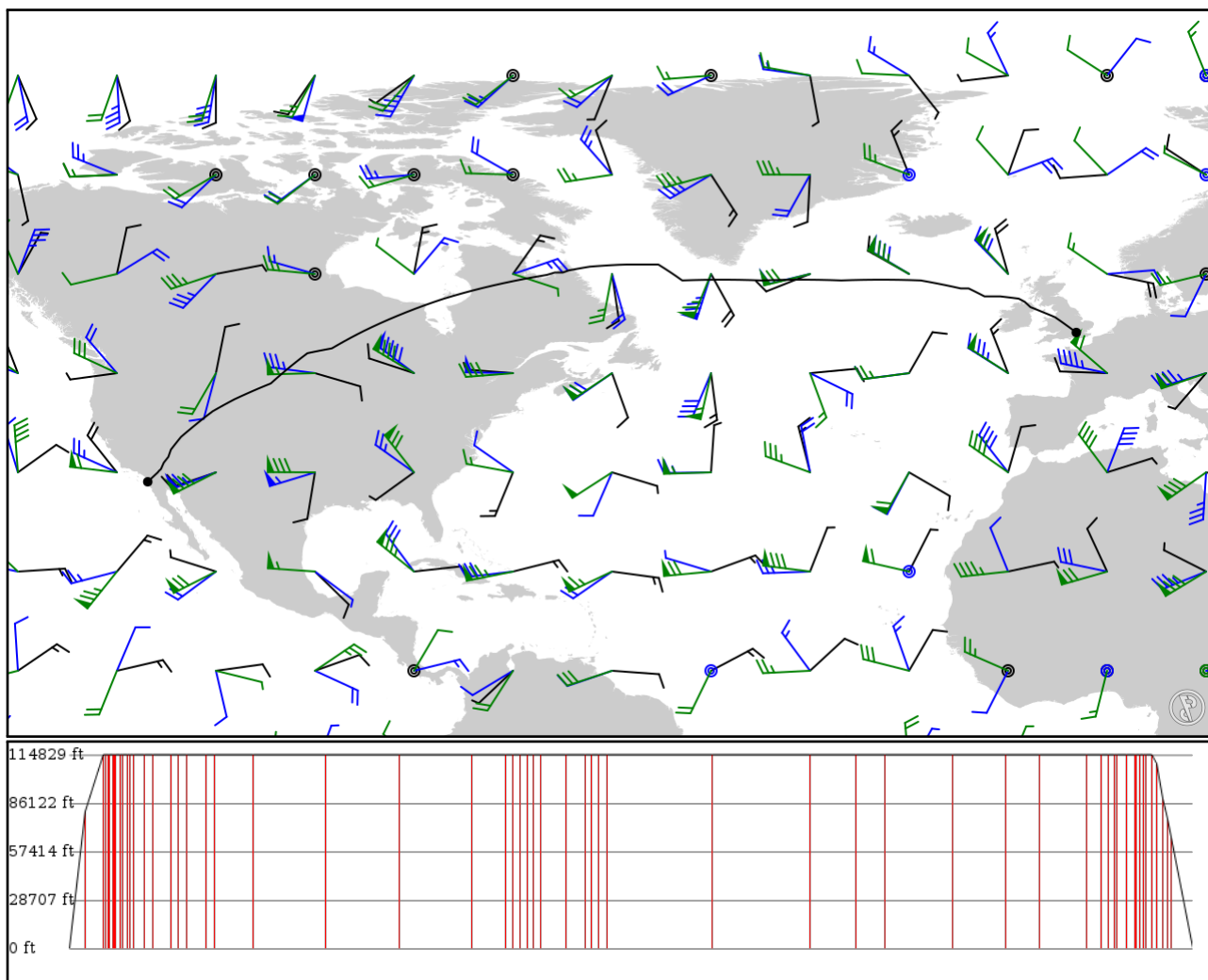
KSAN

San Diego Intl

2024/06/04 0144Z

EGLL HON **UL10** KELLY **L10** BEL RUBEX DONIB **N562** MIMKU 5600N0-1100W 5600N0-1200W 5700N0-1400W SUNOT **A**
58/50 6000N0-5300W 6000N0-5400W 6000N0-5500W 6000N0-5600W 6000N0-5700W RADUN **N822A** LOPVI
5900N0-6500W 5900N0-6600W FASSA **SCAK** VBI **J107** BERYL **V21** MMM **V8** LYNSY **V514** TNP **V208** CLOWD KSAN

4914.21 nm / 9101.12 km



Notes

Using NAT tracks from 2/1/2020

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	-	51.47120	0 ft	-	London Heathrow
APT	-	-0.46088	0 m		
HON	-	52.35670	24,700 ft	69	HONILEY
VOR	-	-1.66373	7,529 m		
WAL	UL10	53.39190	35,000 ft	81	WALLASEY
VOR	AWY-HI	-3.13446	10,668 m		
RIGVA	UL10	53.46920	35,000 ft	7	-
FIX	AWY-HI	-3.31611	10,668 m		
TUVDO	UL10	53.59440	35,000 ft	12	-
FIX	AWY-HI	-3.61222	10,668 m		
PENIL	UL10	53.61580	35,000 ft	2	-
FIX	AWY-HI	-3.66361	10,668 m		
LAMVI	UL10	53.78330	35,000 ft	17	-
FIX	AWY-HI	-4.06611	10,668 m		
CASEL	UL10	53.83110	35,000 ft	5	-
FIX	AWY-HI	-4.18250	10,668 m		
KELLY	UL10	53.90530	35,000 ft	7	-
FIX	AWY-HI	-4.36417	10,668 m		
IOM	L10	54.06690	35,000 ft	17	ISLE OF MAN
VOR	AWY-LO	-4.76347	10,668 m		
SLYDA	L10	54.20110	35,000 ft	13	-
FIX	AWY-HI	-5.08750	10,668 m		
RINGA	L10	54.39830	35,000 ft	20	-
FIX	AWY-HI	-5.57111	10,668 m		
DUFFY	L10	54.51470	35,000 ft	12	-
FIX	AWY-HI	-5.86083	10,668 m		
BEL	L10	54.66110	35,000 ft	15	BELFAST
VOR	AWY-HI	-6.22991	10,668 m		
RUBEX	-	55.32000	35,000 ft	46	-
FIX	-	-6.93528	10,668 m		
DONIB	-	55.71920	35,000 ft	35	-
FIX	-	-7.69556	10,668 m		
MIMKU	N562	56.00000	35,000 ft	79	-
FIX	AWY-HI	-10.00000	10,668 m		
5600N0-1100W	-	56.00000	35,000 ft	33	-
LATLON	-	-11.00000	10,668 m		
5600N0-1200W	-	56.00000	35,000 ft	33	-
LATLON	-	-12.00000	10,668 m		
5700N0-1400W	-	57.00000	35,000 ft	89	-
LATLON	-	-14.00000	10,668 m		
SUNOT	-	57.00000	35,000 ft	32	-
FIX	-	-15.00000	10,668 m		
58/20	A	58.00000	35,000 ft	172	-
LATLON	NAT	-20.00000	10,668 m		
58/30	A	58.00000	35,000 ft	317	-
LATLON	NAT	-30.00000	10,668 m		
58/40	A	58.00000	35,000 ft	317	-
LATLON	NAT	-40.00000	10,668 m		
58/50	A	58.00000	35,000 ft	317	-
LATLON	NAT	-50.00000	10,668 m		
6000N0-5300W	-	60.00000	35,000 ft	151	-
LATLON	-	-53.00000	10,668 m		
6000N0-5400W	-	60.00000	35,000 ft	30	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-54.00000	10,668 m		
6000N0-5500W	-	60.00000	35,000 ft	30	-
LATLON	-	-55.00000	10,668 m		
6000N0-5600W	-	60.00000	35,000 ft	30	-
LATLON	-	-56.00000	10,668 m		
6000N0-5700W	-	60.00000	35,000 ft	30	-
LATLON	-	-57.00000	10,668 m		
RADUN	-	59.96670	35,000 ft	30	-
FIX	-	-58.00000	10,668 m		
PEPKI	N822A	59.73330	35,000 ft	109	-
FIX	AWY-HI	-61.61670	10,668 m		
LOPVI	N822A	59.26670	35,000 ft	85	-
FIX	AWY-HI	-64.25000	10,668 m		
5900N0-6500W	-	59.00000	35,000 ft	28	-
LATLON	-	-65.00000	10,668 m		
5900N0-6600W	-	59.00000	35,000 ft	30	-
LATLON	-	-66.00000	10,668 m		
FASSA	-	58.70000	35,000 ft	35	-
FIX	-	-67.00000	10,668 m		
GRAND	SCAK	55.70330	35,000 ft	458	-
FIX	AWY-HI	-80.00000	10,668 m		
VIPGA	SCAK	51.67360	35,000 ft	429	-
FIX	AWY-HI	-90.00000	10,668 m		
VBI	SCAK	49.47690	35,000 ft	202	SIOUX NARROWS
VOR	AWY-HI	-94.04670	10,668 m		
HML	J107	48.86920	35,000 ft	125	HUMBOLDT
VOR	AWY-HI	-97.11710	10,668 m		
DPR	J107	45.07820	35,000 ft	295	DUPREE
VOR	AWY-HI	-101.71500	10,668 m		
DDY	J107	43.09090	35,000 ft	230	MUDDY MOUNTAIN (CASPER)
VOR	AWY-HI	-106.27700	10,668 m		
OCS	J107	41.59020	35,000 ft	151	ROCK SPRINGS
VOR	AWY-HI	-109.01500	10,668 m		
URNW	J107	39.13420	35,000 ft	204	-
FIX	AWY-HI	-112.10400	10,668 m		
MLF	J107	38.36040	35,000 ft	63	MILFORD
VOR	AWY-HI	-113.01300	10,668 m		
BERYL	J107	37.90000	35,000 ft	32	-
FIX	AWY-HI	-113.38600	10,668 m		
URIAH	V21	37.50280	35,000 ft	28	-
FIX	AWY-LO	-113.70300	10,668 m		
HUNKU	V21	37.36500	35,000 ft	9	-
FIX	AWY-LO	-113.81200	10,668 m		
MMM	V21	36.76930	35,000 ft	42	MORMON MESA
VOR	AWY-LO	-114.27700	10,668 m		
MEADS	V8	36.16370	35,000 ft	37	-
FIX	AWY-LO	-114.49200	10,668 m		
ACLAM	V8	36.07510	35,000 ft	5	-
FIX	AWY-LO	-114.52300	10,668 m		
WINDS	V8	35.85650	35,000 ft	13	-
FIX	AWY-LO	-114.59900	10,668 m		
LYNSY	V8	35.66050	35,000 ft	14	-
FIX	AWY-LO	-114.75600	10,668 m		
SHUSS	V514	35.49550	35,000 ft	11	-
FIX	AWY-LO	-114.88800	10,668 m		
GFS	V514	35.13110	35,000 ft	26	GOFFS

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	-115.17600	10,668 m		
ZELMA	V514	34.78330	33,400 ft	22	-
FIX	AWY-LO	-115.33000	10,180 m		
JOTNU	V514	34.32590	27,100 ft	29	-
FIX	AWY-LO	-115.53000	8,260 m		
TNP	V514	34.11220	23,400 ft	17	TWENTYNINE PALMS
VOR	AWY-LO	-115.77000	7,132 m		
CLOWD	V208	33.90280	20,100 ft	15	-
FIX	AWY-LO	-115.93900	6,126 m		
KSAN	-	32.73350	0 ft	94	San Diego Intl
APT	-	-117.19000	0 m		

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.387 E

METAR

EGLL 040120Z AUTO 24001KT 9999 SCT042 16/13 Q1016

TAF

TAF EGLL 032255Z 0400/0506 VRB03KT 9999 SCT030 BECMG 0407/0410 24012KT PROB40 TEMPO 0415/0422 7000 RA BECMG 0419/0506 24012KT

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	89.27		307 m	0 m
27R	164 ft	12,770 ft	269.70	ASPHALT	0 ft	177 ft
	50 m	3,892 m	269.32		0 m	54 m
09R	164 ft	11,975 ft	89.68	ASPHALT	1,004 ft	0 ft
	50 m	3,650 m	89.29		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.33		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	89.29		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.31		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.31		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.29		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.29		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	89.31		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.31		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.29		83 m

KSAN

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 1

Elevation: 17 ft / 5 m
Location: 32.733600 -117.190000
Magnetic Var: 10.964 E

METAR

KSAN 040051Z 21008G16KT 10SM SCT020 BKN250 18/13 A2987 RMK A02 SLP115 T01830128 \$

TAF

TAF KSAN 032320Z 0400/0506 22010G19KT P6SM BKN022 BKN200 FM040100 23008KT P6SM BKN020 FM040400 19007KT P6SM OVC01

Frequencies

REC - 134.80 MHz - LINDBERGH ATIS	CLD - 125.90 MHz - LINDBERGH CLEARANCE
GND - 123.90 MHz - LINDBERGH GROUND	TWR - 118.30 MHz - LINDBERGH TOWER
DEP - 119.60 MHz - SOCAL WEST DEPARTURE	DEP - 124.35 MHz - SOCAL EAST DEPARTURE
APP - 119.60 MHz - SOCAL WEST APPROACH	APP - 124.35 MHz - SOCAL EAST APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	200 ft	9,388 ft	106.13	ASPHALT	1,004 ft	390 ft
	61 m	2,861 m	95.17		306 m	119 m
27	200 ft	9,388 ft	286.15	ASPHALT	1,811 ft	0 ft
	61 m	2,861 m	275.18		552 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	ISAN	111.55 MHz	18 nm	-	-	29 ft
				33 km	-		29 m
27	DME	IUBR	110.90 MHz	18 nm	-	-	26 ft
				33 km	-		26 m
09	LOC-ILS	ISAN	111.55 MHz	18 nm	106.14	-	17 ft
				33 km	95.18		17 m
27	LOC-LOC	IUBR	110.90 MHz	18 nm	286.14	-	17 ft
				33 km	275.18		17 m
09	GS	ISAN	111.55 MHz	10 nm	106.14	3.10	17 ft
				19 km	95.18		17 m