

EGLL

London Heathrow

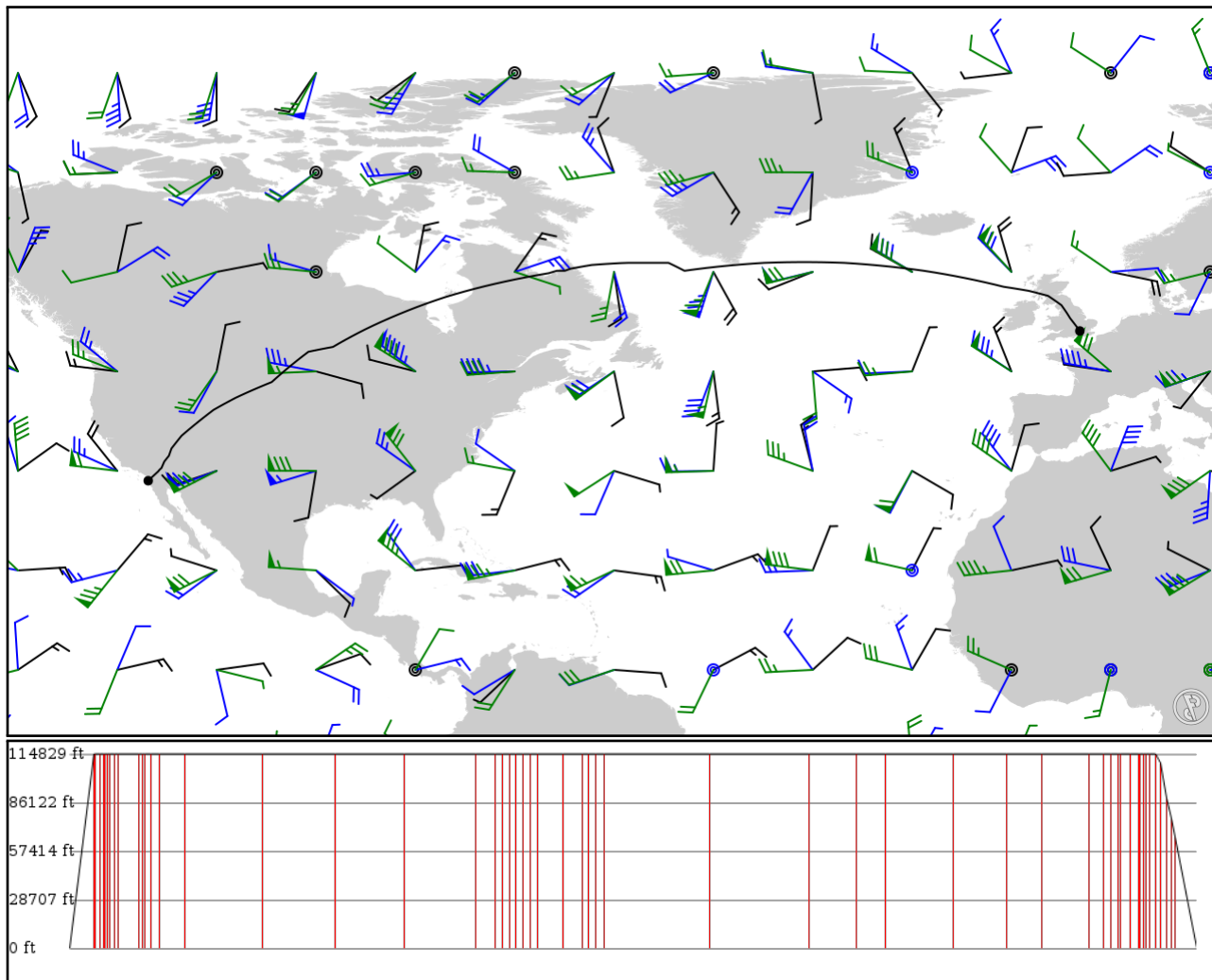
KSAN

San Diego Intl

2024/05/05 1810Z

EGLL TNT **UM868** TIPIL **N57** POL **UN601** ABEVI **UN590** GOW **N580** TIR GOMUP **A** 59/50 6000N0-5200W
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

4876.20 nm / 9030.72 km



Notes

Using NAT tracks from 4/12/2018

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		
TNT	-	53.05400	35,000 ft	104	TRENT
VOR	-	-1.66997	10,668 m		
TIPIL	UM868	53.16670	35,000 ft	7	-
FIX	AWY-HI	-1.73972	10,668 m		
DENBY	N57	53.52030	35,000 ft	22	-
FIX	AWY-LO	-1.96111	10,668 m		
POL	N57	53.74380	35,000 ft	14	POLE HILL
VOR	AWY-LO	-2.10333	10,668 m		
NELSA	UN601	53.86330	35,000 ft	7	-
FIX	AWY-HI	-2.18472	10,668 m		
RIBEL	UN601	54.01610	35,000 ft	9	-
FIX	AWY-HI	-2.28972	10,668 m		
ERGAB	UN601	54.15610	35,000 ft	9	-
FIX	AWY-HI	-2.38667	10,668 m		
SHAPP	UN601	54.50000	35,000 ft	22	-
FIX	AWY-HI	-2.62722	10,668 m		
ABEVI	UN601	54.70750	35,000 ft	13	-
FIX	AWY-HI	-2.77472	10,668 m		
GOW	UN590	55.87050	35,000 ft	90	GLASGOW
VOR	AWY-HI	-4.44572	10,668 m		
CLYDE	N580	55.96330	35,000 ft	12	-
FIX	AWY-HI	-4.79222	10,668 m		
FYNER	N580	56.04890	35,000 ft	12	-
FIX	AWY-HI	-5.11528	10,668 m		
BRUCE	N580	56.23640	35,000 ft	26	-
FIX	AWY-HI	-5.84111	10,668 m		
TIR	N580	56.49320	35,000 ft	37	TIREE
VOR	AWY-HI	-6.87559	10,668 m		
GOMUP	-	57.00000	35,000 ft	107	-
FIX	-	-10.00000	10,668 m		
59/20	A	59.00000	35,000 ft	339	-
LATLON	NAT	-20.00000	10,668 m		
60/30	A	60.00000	35,000 ft	310	-
LATLON	NAT	-30.00000	10,668 m		
60/40	A	60.00000	35,000 ft	300	-
LATLON	NAT	-40.00000	10,668 m		
59/50	A	59.00000	35,000 ft	310	-
LATLON	NAT	-50.00000	10,668 m		
6000N0-5200W	-	60.00000	35,000 ft	85	-
LATLON	-	-52.00000	10,668 m		
6000N0-5300W	-	60.00000	35,000 ft	30	-
LATLON	-	-53.00000	10,668 m		
6000N0-5400W	-	60.00000	35,000 ft	30	-
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	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
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
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	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
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: 0.375 E

METAR

EGLL 051750Z AUTO 18004KT 140V240 9999 FEW019 15/10 Q1006 NOSIG

TAF

TAF EGLL 051658Z 0518/0624 17010KT 9999 SCT020 PROB30 TEMPO 0518/0520 6000 SHRA BKN014 BECMG 0523/0602 VRB04KT TEM

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	89.29		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	89.31		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

KSAN

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

Elevation: 17 ft / 5 m
Location: 32.733600 -117.190000
Magnetic Var: 10.971 E

METAR

KSAN 051751Z 27016G25KT 10SM FEW015 FEW055 17/07 A2999 RMK A02 SLP155 60003 T01720072 10178 20139 51012 \$

TAF

TAF KSAN 051755Z 0518/0624 29020G30KT P6SM FEW010 SCT050 FM052200 29012G22KT P6SM FEW050 FM060100 29010KT P6SM FE

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	95.16		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	95.17		17 m
27	LOC-LOC	IUBR	110.90 MHz	18 nm	286.14	-	17 ft
				33 km	275.17		17 m
09	GS	ISAN	111.55 MHz	10 nm	106.14	3.10	17 ft
				19 km	95.17		17 m