

EGLL

London Heathrow

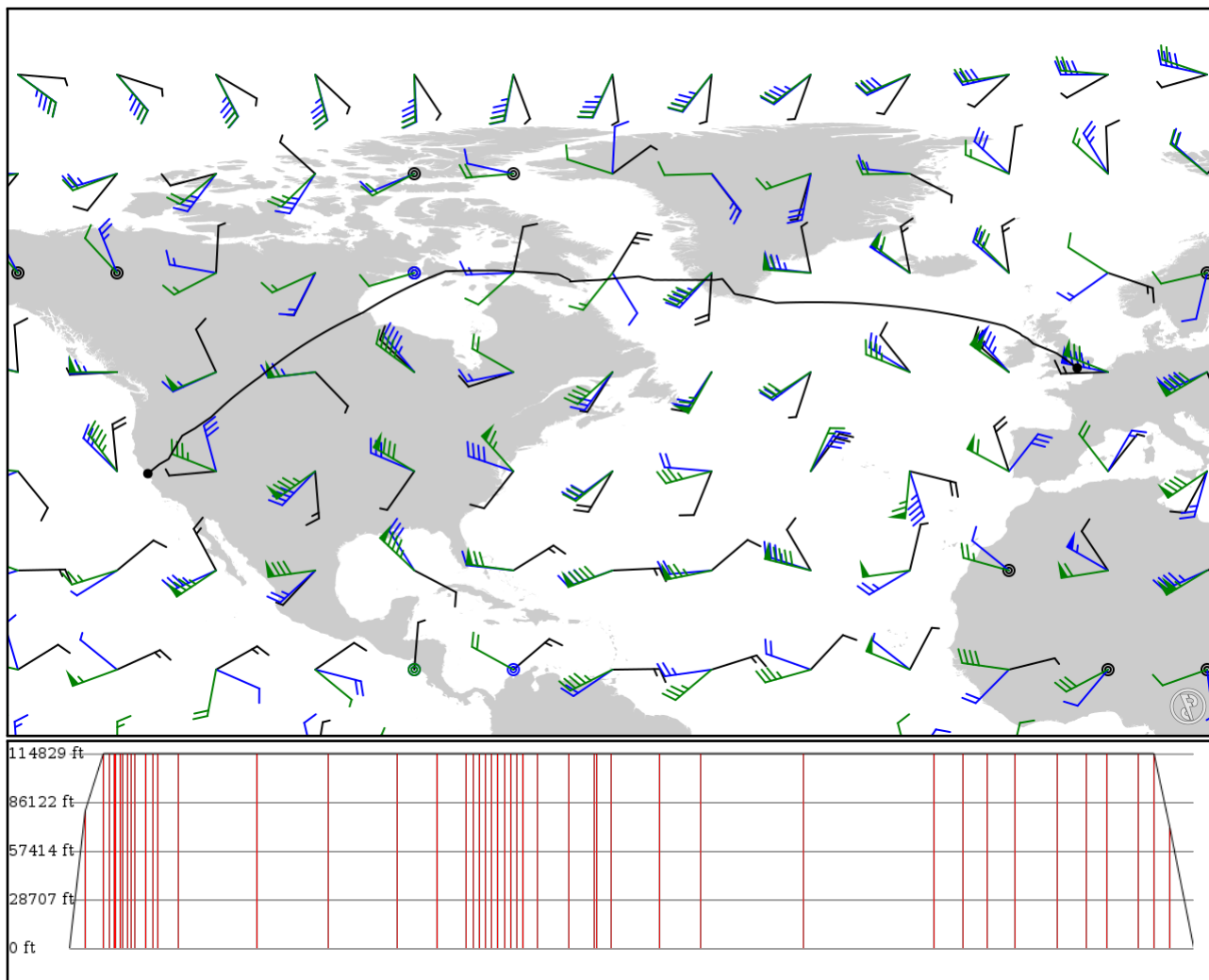
KSFO

San Francisco International

2024/05/29 0241Z

EGLL HON **UL10** KELLY **L10** BEL RUBEX DONIB 5600N0800W GOMUP **A** 60/40 NA **W21** NANSI 6300N04800W
6300N04900W 6300N05000W 6300N05100W 6300N05200W 6300N05300W 6300N05400W 6300N05500W 6300N05600W
EMBOK **N888A** TEFFO 6300N06700W YFY **RR4** YTE **J540** YZS **J530** YYQ **NCAE** YYN **J530** GTF **J7** FMG **J32** COLOM
KSFO

4884.33 nm / 9045.77 km



Notes

Using NAT tracks from 9/1/2024

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		
PENIL	UL10	53.61580	35,000 ft	23	-
FIX	AWY-HI	-3.66361	10,668 m		
CASEL	UL10	53.83110	35,000 ft	22	-
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		
5600N0800W	-	56.00000	35,000 ft	19	-
LATLON	-	-8.00000	10,668 m		
GOMUP	-	57.00000	35,000 ft	89	-
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		
NA	-	61.17070	35,000 ft	174	NARSARSUAQ
NDB	-	-45.41290	10,668 m		
NANSI	W21	63.13530	35,000 ft	126	-
FIX	AWY-LO	-46.99580	10,668 m		
6300N04800W	-	63.00000	35,000 ft	28	-
LATLON	-	-48.00000	10,668 m		
6300N04900W	-	63.00000	35,000 ft	27	-
LATLON	-	-49.00000	10,668 m		
6300N05000W	-	63.00000	35,000 ft	27	-
LATLON	-	-50.00000	10,668 m		
6300N05100W	-	63.00000	35,000 ft	27	-
LATLON	-	-51.00000	10,668 m		
6300N05200W	-	63.00000	35,000 ft	27	-
LATLON	-	-52.00000	10,668 m		
6300N05300W	-	63.00000	35,000 ft	27	-
LATLON	-	-53.00000	10,668 m		
6300N05400W	-	63.00000	35,000 ft	27	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-54.00000	10,668 m		
6300N05500W	-	63.00000	35,000 ft	27	-
LATLON	-	-55.00000	10,668 m		
6300N05600W	-	63.00000	35,000 ft	27	-
LATLON	-	-56.00000	10,668 m		
EMBOK	-	63.46670	35,000 ft	60	-
FIX	-	-58.00000	10,668 m		
BERUS	N888A	63.00000	35,000 ft	138	-
FIX	AWY-HI	-63.00000	10,668 m		
TEFFO	N888A	62.80000	35,000 ft	110	-
FIX	AWY-HI	-67.00000	10,668 m		
6300N06700W	-	63.00000	35,000 ft	12	-
LATLON	-	-67.00000	10,668 m		
YFY	-	63.73340	35,000 ft	60	FROBAY (IQALUIT)
NDB	-	-68.54790	10,668 m		
YTE	RR4	64.22860	35,000 ft	212	CAPE DORSET
NDB	AWY-LO	-76.52810	10,668 m		
YZS	J540	64.14850	35,000 ft	177	CORAL HARBOUR
NDB	AWY-HI	-83.30470	10,668 m		
YYQ	J530	58.74170	35,000 ft	448	CHURCHILL
VOR	AWY-HI	-94.13530	10,668 m		
ELTAX	NCAE	51.95700	35,000 ft	563	-
FIX	AWY-HI	-105.59500	10,668 m		
YYN	NCAE	50.29700	35,000 ft	127	SWIFT CURRENT
VOR	AWY-HI	-107.69100	10,668 m		
GGRBI	J530	49.00000	35,000 ft	103	-
FIX	AWY-HI	-109.45800	10,668 m		
GTF	J530	47.45000	35,000 ft	121	GREAT FALLS
VOR	AWY-HI	-111.41200	10,668 m		
LKT	J7	45.02130	35,000 ft	183	SALMON
VOR	AWY-HI	-114.08400	10,668 m		
BOI	J7	43.55280	35,000 ft	126	BOISE
VOR	AWY-HI	-116.19200	10,668 m		
REO	J7	42.59050	35,000 ft	93	ROME
VOR	AWY-HI	-117.86800	10,668 m		
GASSI	J7	40.57170	35,000 ft	132	-
FIX	AWY-HI	-119.06800	10,668 m		
FMG	J7	39.53130	35,000 ft	68	MUSTANG (RENO)
VOR	AWY-HI	-119.65600	10,668 m		
COLOM	J32	38.83900	21,800 ft	70	-
FIX	AWY-HI	-120.87000	6,645 m		
KSFO	-	37.61850	0 ft	102	San Francisco International
APT	-	-122.37500	0 m		

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.385 E

METAR

EGLL 290220Z AUTO 24007KT 9999 NCD 13/11 Q1009

TAF

TAF EGLL 282255Z 2900/3006 23010KT 9999 SCT015 PROB40 TEMPO 2900/2908 BKN012 BECMG 2912/2915 29012KT PROB40 TEMPO

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	269.32		0 m	54 m
09R	164 ft	11,975 ft	89.68	ASPHALT	1,004 ft	0 ft
	50 m	3,650 m	89.30		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.34		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

KSFO

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.838 E

METAR

KSFO 290156Z 27012KT 10SM FEW026 FEW200 17/09 A3006 RMK A02 PK WND 27028/0113 SLP178 T01670089

TAF

KSFO 290152Z 2902/3006 27015G25KT P6SM FEW026 FEW200 FM292100 29020G30KT P6SM FEW250 FM300400 28015G25KT P6SM FEW

Frequencies

REC - 113.70 MHz - D-ATIS	REC - 115.80 MHz - D-ATIS
REC - 118.85 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.20 MHz -	GND - 121.80 MHz - SAN FRANCISCO GROUND
SAN FRANCISCO CLEARANCE DELIVERY	APP - 134.50 MHz - NORCAL APPROACH
TWR - 120.50 MHz - SAN FRANCISCO TOWER	APP - 128.57 MHz - NORCAL APPROACH
APP - 128.32 MHz - NORCAL APPROACH	DEP - 120.90 MHz - NORCAL DEPARTURE
APP - 133.95 MHz - NORCAL APPROACH	
DEP - 135.10 MHz - NORCAL DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	200 ft	11,859 ft	117.90	ASPHALT	0 ft	876 ft
	61 m	3,615 m	105.06		0 m	267 m
28R	200 ft	11,859 ft	297.92	ASPHALT	302 ft	318 ft
	61 m	3,615 m	285.08		92 m	97 m
10R	200 ft	11,371 ft	117.90	ASPHALT	0 ft	748 ft
	61 m	3,466 m	105.06		0 m	228 m
28L	200 ft	11,371 ft	297.92	ASPHALT	305 ft	322 ft
	61 m	3,466 m	285.08		93 m	98 m
01R	200 ft	8,665 ft	27.71	ASPHALT	564 ft	404 ft
	61 m	2,641 m	14.87		172 m	123 m
19L	200 ft	8,665 ft	207.72	ASPHALT	0 ft	443 ft
	61 m	2,641 m	194.88		0 m	135 m
01L	200 ft	7,664 ft	27.71	ASPHALT	643 ft	469 ft
	61 m	2,336 m	14.87		196 m	143 m
19R	200 ft	7,664 ft	207.72	ASPHALT	0 ft	446 ft
	61 m	2,336 m	194.88		0 m	136 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	DME	ISIA	108.90 MHz	18 nm	-	-	24 ft
				33 km	-		24 m
28L	DME	ISFO	109.55 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
28R	DME	IGWQ	111.70 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28R	DME	IFNP	110.75 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
19L	LOC-ILS	ISIA	108.90 MHz	18 nm	207.72	-	13 ft
				33 km	194.88		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	ISFO	109.55 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.88		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.07		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.07		13 m