EGLL
London Heathrow

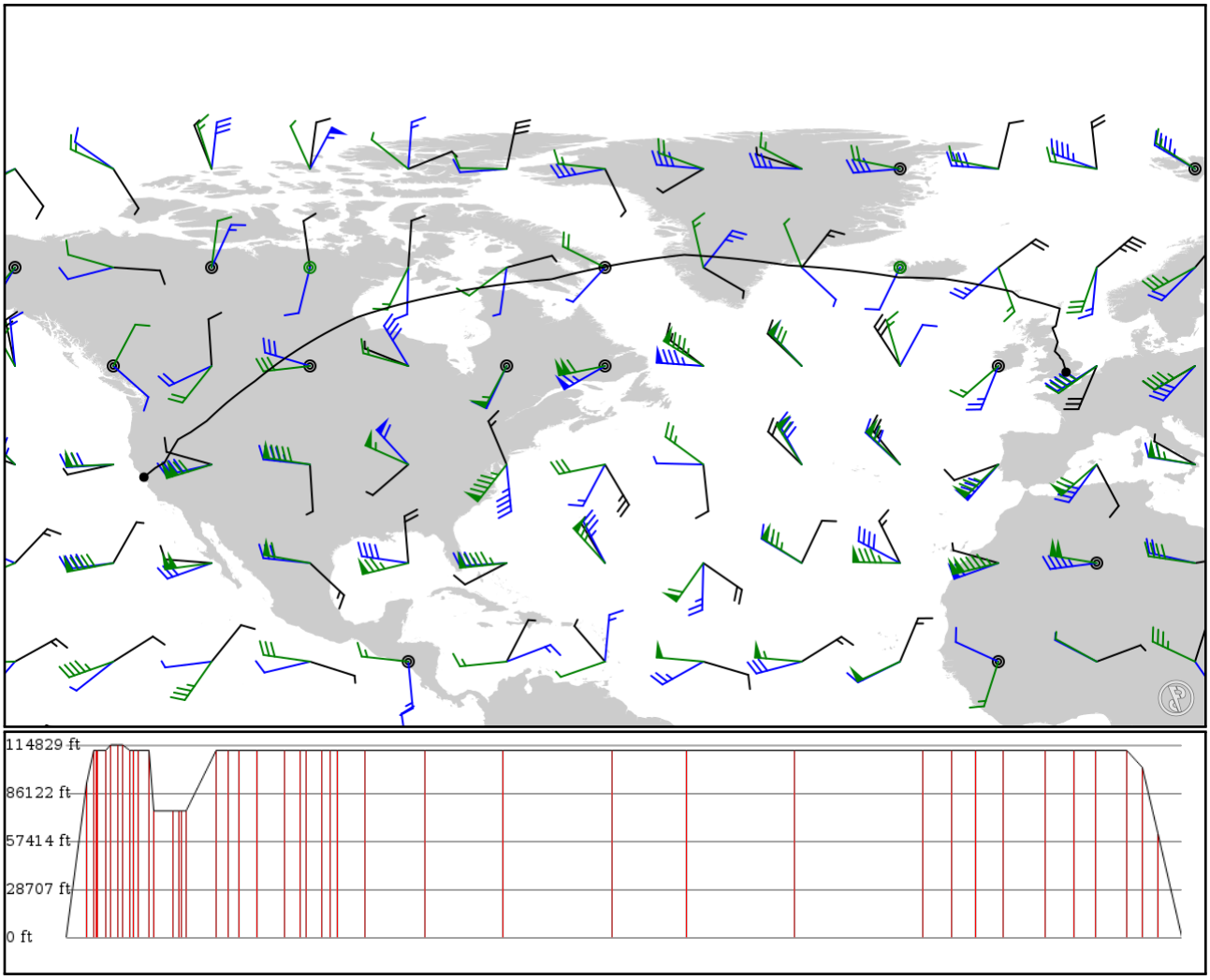
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KSFO
San Francisco Intl

2024/03/28 2216Z

EGLL BETAX **UL613** MAMUL **UM150** GASKO **UP18** ADN **W5D** SUM **UM125** SIDER **G11** MY **G3** KEF **5E72** YFB **N554C** YYQ **NCAE** YYN **J530** GTF **J7** FMG **J32** COLOM KSFO

4874.42 nm / 9027.43 km



Notes

Basic altitude profile:
- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 485kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Route

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
EGLL	–	51.47122	0 ft	–	London Heathrow
APT	–	-0.46098	0 m		
BETAX	–	53.00917	28,000 ft	93	–
FIX	–	-0.90083	8,534 m		
MAMUL	UL613	53.41806	34,000 ft	28	–
FIX	AWY-HI	-1.28000	10,363 m		
UPTON	UM150	53.58694	34,000 ft	10	–
FIX	AWY-HI	-1.30083	10,363 m		
BATLI	UM150	53.64583	34,000 ft	4	–
FIX	AWY-HI	-1.36028	10,363 m		
RIMTO	UM150	53.71750	34,000 ft	5	–
FIX	AWY-HI	-1.43306	10,363 m		
RIPNO	UM150	54.17667	34,000 ft	32	–
FIX	AWY-HI	-1.90556	10,363 m		
GASKO	UM150	54.22472	34,000 ft	3	–
FIX	AWY-HI	-1.95583	10,363 m		
TILNI	UP18	54.54750	35,000 ft	19	–
FIX	AWY-HI	-1.85500	10,668 m		
NEW	UP18	55.03845	35,000 ft	29	NEWCASTLE VOR-DME
VOR	AWY-HI	-1.69837	10,668 m		
ALASO	UP18	55.44722	35,000 ft	24	–
FIX	AWY-HI	-1.56500	10,668 m		
MADAD	UP18	55.91306	34,000 ft	28	–
FIX	AWY-HI	-1.73389	10,363 m		
NEXUS	UP18	56.21194	34,000 ft	18	–
FIX	AWY-HI	-1.84472	10,363 m		
BALID	UP18	56.49694	34,000 ft	17	–
FIX	AWY-HI	-1.95194	10,363 m		
ADN	UP18	57.31056	34,000 ft	49	ABERDEEN VOR-DME
VOR	AWY-HI	-2.26722	10,363 m		
SHD	W5D	57.55917	23,000 ft	20	SCOTSTOWN HEAD NDB
NDB	AWY-LO	-1.81722	7,010 m		
BEKET	W5D	58.88694	23,000 ft	80	–
FIX	AWY-LO	-1.52222	7,010 m		
GAVEL	W5D	59.38333	23,000 ft	30	–
FIX	AWY-LO	-1.40611	7,010 m		
MOCHA	W5D	59.54887	23,000 ft	10	–
FIX	AWY-LO	-1.36648	7,010 m		
SUM	W5D	59.87889	23,000 ft	19	SUMBURGH VOR-DME
VOR	AWY-LO	-1.28667	7,010 m		
SIDER	UM125	61.00000	34,000 ft	132	–
FIX	AWY-HI	-5.14639	10,363 m		
AB	G11	61.39528	34,000 ft	50	AKRABERG NDB
NDB	AWY-HI	-6.68111	10,363 m		
MY	G11	62.10694	34,000 ft	49	MYGGENES NDB
NDB	AWY-HI	-7.58778	10,363 m		
LINDA	G3	62.62167	34,000 ft	73	–
FIX	AWY-HI	-10.00000	10,363 m		
ROSTI	G3	63.40639	34,000 ft	121	–
FIX	AWY-HI	-14.11222	10,363 m		
ING	G3	63.80306	34,000 ft	71	INGO VOR-DME
VOR	AWY-HI	-16.63806	10,363 m		
MIKLA	G3	63.84833	34,000 ft	24	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-17.57417	10,363 m		
SKARD	G3	63.94278	34,000 ft	69	-
FIX	AWY-HI	-20.20500	10,363 m		
METIL	G3	63.97194	34,000 ft	34	-
FIX	AWY-HI	-21.52611	10,363 m		
KEF	G3	63.98681	34,000 ft	28	KEFLAVIK VORTAC
VOR	AWY-HI	-22.61450	10,363 m		
GIMLI	5E72	64.64000	34,000 ft	120	-
FIX	AWY-HI	-26.97833	10,363 m		
DA	5E72	65.57056	34,000 ft	264	KULUSUK NDB
NDB	AWY-HI	-37.20694	10,363 m		
SF	5E72	66.96749	34,000 ft	341	SONDRE STROMFJORD NDB
NDB	AWY-HI	-50.94167	10,363 m		
YFB	5E72	63.74167	34,000 ft	477	FROBAY VOR
VOR	AWY-HI	-68.47333	10,363 m		
BODRA	N554C	62.28278	34,000 ft	325	-
FIX	AWY-HI	-80.00000	10,363 m		
YYQ	N554C	58.74175	34,000 ft	467	CHURCHILL VOR-DME
VOR	AWY-HI	-94.13531	10,363 m		
ELTAX	NCAE	51.95667	34,000 ft	563	-
FIX	AWY-HI	-105.59500	10,363 m		
YYN	NCAE	50.29706	34,000 ft	127	SWIFT CURRENT VOR-DME
VOR	AWY-HI	-107.69089	10,363 m		
GGRBI	J530	49.00000	34,000 ft	103	-
FIX	AWY-HI	-109.45800	10,363 m		
GTF	J530	47.44998	34,000 ft	121	GREAT FALLS VORTAC
DME	AWY-HI	-111.41216	10,363 m		
LKT	J7	45.02131	34,000 ft	183	SALMON VOR-DME
VOR	AWY-HI	-114.08425	10,363 m		
BOI	J7	43.55281	34,000 ft	126	BOISE VORTAC
VOR	AWY-HI	-116.19214	10,363 m		
REO	J7	42.59056	34,000 ft	93	ROME VOR-DME
VOR	AWY-HI	-117.86814	10,363 m		
GASSI	J7	40.57166	34,000 ft	132	-
FIX	AWY-HI	-119.06834	10,363 m		
FMG	J7	39.53128	30,900 ft	68	MUSTANG VORTAC
VOR	AWY-HI	-119.65608	9,418 m		
COLOM	J32	38.83897	18,900 ft	70	-
FIX	AWY-HI	-120.87002	5,761 m		
KSFO	-	37.61867	0 ft	102	San Francisco Intl
APT	-	-122.37501	0 m		

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.360 E

METAR

EGLL 282150Z AUTO 22018G31KT 7000 -RA BKN023/// BKN032/// OVC049/// //////TCU 10/06 Q0981

TAF

TAF EGLL 281659Z 2818/2924 19022G33KT 9999 SCT020 TEMPO 2818/2822 7000 SHRA PROB40 TEMPO 2818/2821 19025G43KT 300

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	269.70 269.34	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	269.72 269.36	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

KSFO

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

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.855 E

METAR

KSFO 282156Z 28013KT 10SM FEW037 FEW180 BKN200 16/03 A3008 RMK AO2 SLP185 T01560033

TAF

KSFO 282046Z 2821/2924 28013KT P6SM VCSH BKN100 FM290500 21009KT P6SM BKN100 FM291200 17010KT P6SM -SHRA BKN050 FM

Frequencies

REC - 113.70 MHz - D-ATIS
REC - 118.85 MHz - D-ATIS
CLD - 118.20 MHz -
SAN FRANCISCO CLEARANCE DELIVERY
TWR - 120.50 MHz - SAN FRANCISCO TOWER
APP - 128.32 MHz - NORCAL APPROACH
APP - 133.95 MHz - NORCAL APPROACH
DEP - 135.10 MHz - NORCAL DEPARTURE

REC - 115.80 MHz - D-ATIS
COM - 122.95 MHz - UNICOM
GND - 121.80 MHz - SAN FRANCISCO GROUND
APP - 134.50 MHz - NORCAL APPROACH
APP - 128.57 MHz - NORCAL APPROACH
DEP - 120.90 MHz - NORCAL DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	200 ft 61 m	11,859 ft 3,615 m	117.90 105.04	ASPHALT	0 ft 0 m	876 ft 267 m
28R	200 ft 61 m	11,859 ft 3,615 m	297.92 285.06	ASPHALT	302 ft 92 m	318 ft 97 m
10R	200 ft 61 m	11,371 ft 3,466 m	117.90 105.04	ASPHALT	0 ft 0 m	748 ft 228 m
28L	200 ft 61 m	11,371 ft 3,466 m	297.92 285.06	ASPHALT	305 ft 93 m	322 ft 98 m
01R	200 ft 61 m	8,665 ft 2,641 m	27.71 14.86	ASPHALT	564 ft 172 m	404 ft 123 m
19L	200 ft 61 m	8,665 ft 2,641 m	207.72 194.87	ASPHALT	0 ft 0 m	443 ft 135 m
01L	200 ft 61 m	7,664 ft 2,336 m	27.71 14.86	ASPHALT	643 ft 196 m	469 ft 143 m
19R	200 ft 61 m	7,664 ft 2,336 m	207.72 194.86	ASPHALT	0 ft 0 m	446 ft 136 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	DME	ISIA	108.90 MHz	18 nm 33 km	- -	-	24 ft 24 m
28L	DME	ISFO	109.55 MHz	18 nm 33 km	- -	-	22 ft 22 m
28R	DME	IGWQ	111.70 MHz	18 nm 33 km	- -	-	17 ft 17 m
28R	DME	IFNP	110.75 MHz	18 nm 33 km	- -	-	13 ft 13 m
19L	LOC-ILS	ISIA	108.90 MHz	18 nm 33 km	207.72 194.87	-	13 ft 13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	ISFO	109.55 MHz	18 nm 33 km	297.91 285.06	-	13 ft 13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm 33 km	297.91 285.06	-	13 ft 13 m
19L	GS	ISIA	108.90 MHz	10 nm 19 km	207.72 194.87	3.00	13 ft 13 m
28L	GS	ISFO	109.55 MHz	10 nm 19 km	297.91 285.06	2.85	13 ft 13 m
28R	GS	IGWQ	111.70 MHz	10 nm 19 km	297.91 285.06	3.00	13 ft 13 m