

# EGLL

London Heathrow

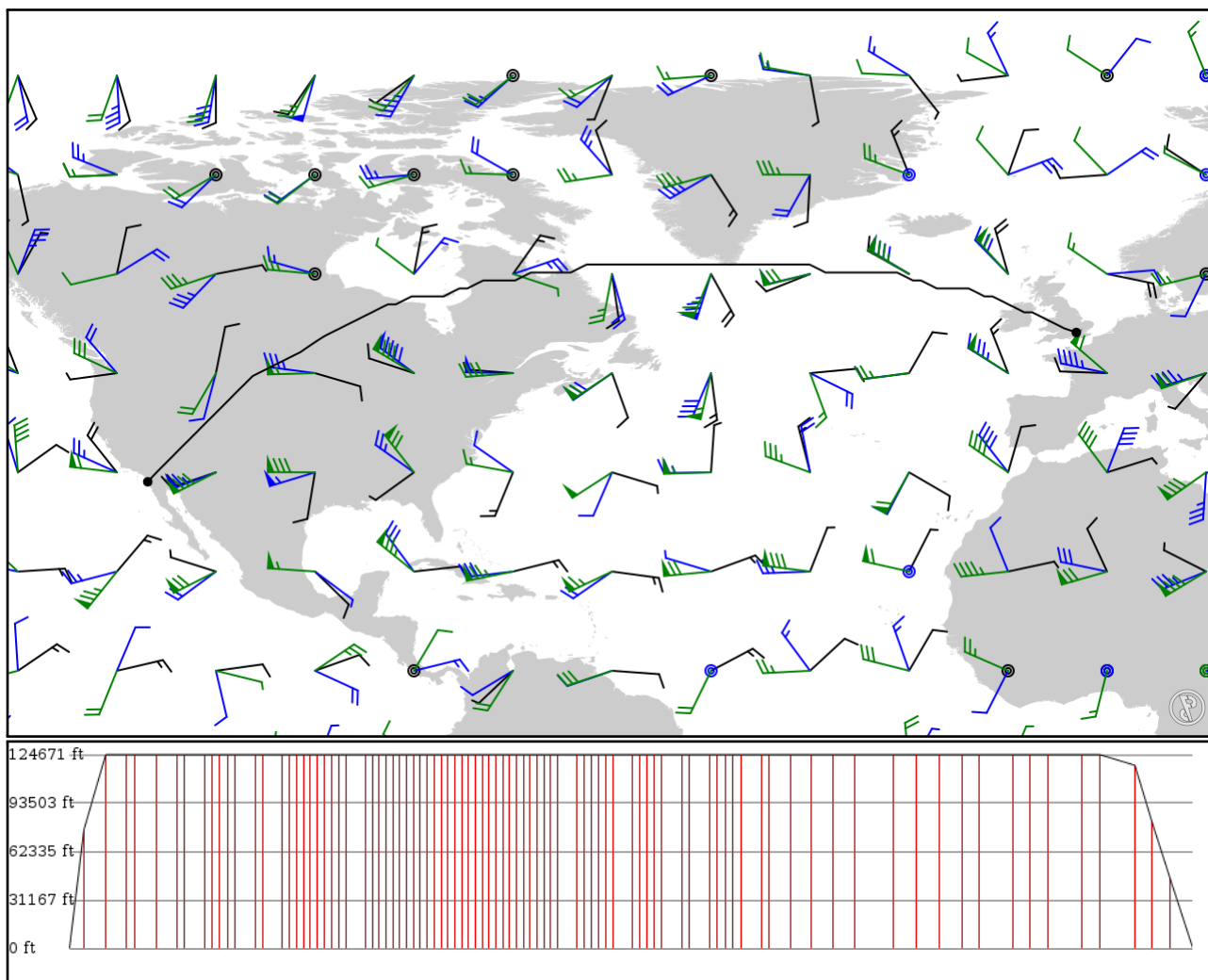
# KSAN

San Diego Intl

2024/05/29 0149Z

EGLL 5200N0-200W 5300N0-400W 5400N0-600W 5400N0-700W 5500N0-900W 5600N0-1100W 5600N0-1200W  
5700N0-1400W 5700N0-1500W 5700N0-1600W 5700N0-1700W 5700N0-1800W 5800N0-2000W 5800N0-2100W  
5900N0-2300W 5900N0-2400W 5900N0-2500W 5900N0-2600W 5900N0-2700W 5900N0-2800W 5900N0-2900W  
5900N0-3000W 5900N0-3100W 5900N0-3200W 6000N0-3400W 6000N0-3500W 6000N0-3600W 6000N0-3700W  
6000N0-3800W 6000N0-3900W 6000N0-4000W 6000N0-4100W 6000N0-4200W 6000N0-4300W 6000N0-4400W  
6000N0-4500W 6000N0-4600W 6000N0-4700W 6000N0-4800W 6000N0-4900W 6000N0-5000W 6000N0-5100W  
6000N0-5200W 6000N0-5300W 6000N0-5400W 6000N0-5500W 6000N0-5600W 6000N0-5700W 6000N0-5800W  
6000N0-5900W 6000N0-6000W 6000N0-6100W 6000N0-6200W 5900N0-6400W 5900N0-6500W 5900N0-6600W  
5900N0-6700W 5900N0-6800W 5900N0-6900W 5800N0-7100W 5800N0-7200W 5800N0-7300W 5800N0-7400W  
5800N0-7500W 5700N0-7700W 5700N0-7800W 5600N0-8000W 5600N0-8100W 5600N0-8200W 5600N0-8300W  
5600N0-8400W 5500N0-8600W 5500N0-8700W 5400N0-8900W 5300N0-9100W 5200N0-9300W 5100N0-9500W  
4900N0-9800W 4800N-10000W 4700N-10200W 4600N-10400W 4500N-10500W 4300N-10700W 4200N-10800W  
4100N-10900W 3900N-11100W 3800N-11200W 3600N-11400W 3500N-11500W 3400N-11600W KSAN

4910.87 nm / 9094.93 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- Cruise Speed: 420kts
- Descent Rate: 1000ft/min
- Descent Speed: 240kts

Options:

- Use NATs: no
- Use PACOTS: no
- Use low airways: no
- Use high airways: no

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EGLL	-	51.47120	0 ft	-	London Heathrow
APT	-	-0.46088	0 m		
5200N0-200W	-	52.00000	23,300 ft	65	-
LATLON	-	-2.00000	7,102 m		
5300N0-400W	-	53.00000	38,000 ft	94	-
LATLON	-	-4.00000	11,582 m		
5400N0-600W	-	54.00000	38,000 ft	93	-
LATLON	-	-6.00000	11,582 m		
5400N0-700W	-	54.00000	38,000 ft	35	-
LATLON	-	-7.00000	11,582 m		
5500N0-900W	-	55.00000	38,000 ft	92	-
LATLON	-	-9.00000	11,582 m		
5600N0-1100W	-	56.00000	38,000 ft	90	-
LATLON	-	-11.00000	11,582 m		
5600N0-1200W	-	56.00000	38,000 ft	33	-
LATLON	-	-12.00000	11,582 m		
5700N0-1400W	-	57.00000	38,000 ft	89	-
LATLON	-	-14.00000	11,582 m		
5700N0-1500W	-	57.00000	38,000 ft	32	-
LATLON	-	-15.00000	11,582 m		
5700N0-1600W	-	57.00000	38,000 ft	32	-
LATLON	-	-16.00000	11,582 m		
5700N0-1700W	-	57.00000	38,000 ft	32	-
LATLON	-	-17.00000	11,582 m		
5700N0-1800W	-	57.00000	38,000 ft	32	-
LATLON	-	-18.00000	11,582 m		
5800N0-2000W	-	58.00000	38,000 ft	88	-
LATLON	-	-20.00000	11,582 m		
5800N0-2100W	-	58.00000	38,000 ft	31	-
LATLON	-	-21.00000	11,582 m		
5900N0-2300W	-	59.00000	38,000 ft	86	-
LATLON	-	-23.00000	11,582 m		
5900N0-2400W	-	59.00000	38,000 ft	30	-
LATLON	-	-24.00000	11,582 m		
5900N0-2500W	-	59.00000	38,000 ft	30	-
LATLON	-	-25.00000	11,582 m		
5900N0-2600W	-	59.00000	38,000 ft	30	-
LATLON	-	-26.00000	11,582 m		
5900N0-2700W	-	59.00000	38,000 ft	30	-
LATLON	-	-27.00000	11,582 m		
5900N0-2800W	-	59.00000	38,000 ft	30	-
LATLON	-	-28.00000	11,582 m		
5900N0-2900W	-	59.00000	38,000 ft	30	-
LATLON	-	-29.00000	11,582 m		
5900N0-3000W	-	59.00000	38,000 ft	30	-
LATLON	-	-30.00000	11,582 m		
5900N0-3100W	-	59.00000	38,000 ft	30	-
LATLON	-	-31.00000	11,582 m		
5900N0-3200W	-	59.00000	38,000 ft	30	-
LATLON	-	-32.00000	11,582 m		
6000N0-3400W	-	60.00000	38,000 ft	85	-
LATLON	-	-34.00000	11,582 m		
6000N0-3500W	-	60.00000	38,000 ft	30	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-35.00000	11,582 m		
6000N0-3600W	-	60.00000	38,000 ft	30	-
LATLON	-	-36.00000	11,582 m		
6000N0-3700W	-	60.00000	38,000 ft	30	-
LATLON	-	-37.00000	11,582 m		
6000N0-3800W	-	60.00000	38,000 ft	30	-
LATLON	-	-38.00000	11,582 m		
6000N0-3900W	-	60.00000	38,000 ft	30	-
LATLON	-	-39.00000	11,582 m		
6000N0-4000W	-	60.00000	38,000 ft	30	-
LATLON	-	-40.00000	11,582 m		
6000N0-4100W	-	60.00000	38,000 ft	30	-
LATLON	-	-41.00000	11,582 m		
6000N0-4200W	-	60.00000	38,000 ft	30	-
LATLON	-	-42.00000	11,582 m		
6000N0-4300W	-	60.00000	38,000 ft	30	-
LATLON	-	-43.00000	11,582 m		
6000N0-4400W	-	60.00000	38,000 ft	30	-
LATLON	-	-44.00000	11,582 m		
6000N0-4500W	-	60.00000	38,000 ft	30	-
LATLON	-	-45.00000	11,582 m		
6000N0-4600W	-	60.00000	38,000 ft	30	-
LATLON	-	-46.00000	11,582 m		
6000N0-4700W	-	60.00000	38,000 ft	30	-
LATLON	-	-47.00000	11,582 m		
6000N0-4800W	-	60.00000	38,000 ft	30	-
LATLON	-	-48.00000	11,582 m		
6000N0-4900W	-	60.00000	38,000 ft	30	-
LATLON	-	-49.00000	11,582 m		
6000N0-5000W	-	60.00000	38,000 ft	30	-
LATLON	-	-50.00000	11,582 m		
6000N0-5100W	-	60.00000	38,000 ft	30	-
LATLON	-	-51.00000	11,582 m		
6000N0-5200W	-	60.00000	38,000 ft	30	-
LATLON	-	-52.00000	11,582 m		
6000N0-5300W	-	60.00000	38,000 ft	30	-
LATLON	-	-53.00000	11,582 m		
6000N0-5400W	-	60.00000	38,000 ft	30	-
LATLON	-	-54.00000	11,582 m		
6000N0-5500W	-	60.00000	38,000 ft	30	-
LATLON	-	-55.00000	11,582 m		
6000N0-5600W	-	60.00000	38,000 ft	30	-
LATLON	-	-56.00000	11,582 m		
6000N0-5700W	-	60.00000	38,000 ft	30	-
LATLON	-	-57.00000	11,582 m		
6000N0-5800W	-	60.00000	38,000 ft	30	-
LATLON	-	-58.00000	11,582 m		
6000N0-5900W	-	60.00000	38,000 ft	30	-
LATLON	-	-59.00000	11,582 m		
6000N0-6000W	-	60.00000	38,000 ft	30	-
LATLON	-	-60.00000	11,582 m		
6000N0-6100W	-	60.00000	38,000 ft	30	-
LATLON	-	-61.00000	11,582 m		
6000N0-6200W	-	60.00000	38,000 ft	30	-
LATLON	-	-62.00000	11,582 m		
5900N0-6400W	-	59.00000	38,000 ft	85	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-64.00000	11,582 m		
5900N0-6500W	-	59.00000	38,000 ft	30	-
LATLON	-	-65.00000	11,582 m		
5900N0-6600W	-	59.00000	38,000 ft	30	-
LATLON	-	-66.00000	11,582 m		
5900N0-6700W	-	59.00000	38,000 ft	30	-
LATLON	-	-67.00000	11,582 m		
5900N0-6800W	-	59.00000	38,000 ft	30	-
LATLON	-	-68.00000	11,582 m		
5900N0-6900W	-	59.00000	38,000 ft	30	-
LATLON	-	-69.00000	11,582 m		
5800N0-7100W	-	58.00000	38,000 ft	86	-
LATLON	-	-71.00000	11,582 m		
5800N0-7200W	-	58.00000	38,000 ft	31	-
LATLON	-	-72.00000	11,582 m		
5800N0-7300W	-	58.00000	38,000 ft	31	-
LATLON	-	-73.00000	11,582 m		
5800N0-7400W	-	58.00000	38,000 ft	31	-
LATLON	-	-74.00000	11,582 m		
5800N0-7500W	-	58.00000	38,000 ft	31	-
LATLON	-	-75.00000	11,582 m		
5700N0-7700W	-	57.00000	38,000 ft	88	-
LATLON	-	-77.00000	11,582 m		
5700N0-7800W	-	57.00000	38,000 ft	32	-
LATLON	-	-78.00000	11,582 m		
5600N0-8000W	-	56.00000	38,000 ft	89	-
LATLON	-	-80.00000	11,582 m		
5600N0-8100W	-	56.00000	38,000 ft	33	-
LATLON	-	-81.00000	11,582 m		
5600N0-8200W	-	56.00000	38,000 ft	33	-
LATLON	-	-82.00000	11,582 m		
5600N0-8300W	-	56.00000	38,000 ft	33	-
LATLON	-	-83.00000	11,582 m		
5600N0-8400W	-	56.00000	38,000 ft	33	-
LATLON	-	-84.00000	11,582 m		
5500N0-8600W	-	55.00000	38,000 ft	90	-
LATLON	-	-86.00000	11,582 m		
5500N0-8700W	-	55.00000	38,000 ft	34	-
LATLON	-	-87.00000	11,582 m		
5400N0-8900W	-	54.00000	38,000 ft	92	-
LATLON	-	-89.00000	11,582 m		
5300N0-9100W	-	53.00000	38,000 ft	93	-
LATLON	-	-91.00000	11,582 m		
5200N0-9300W	-	52.00000	38,000 ft	94	-
LATLON	-	-93.00000	11,582 m		
5100N0-9500W	-	51.00000	38,000 ft	95	-
LATLON	-	-95.00000	11,582 m		
4900N0-9800W	-	49.00000	38,000 ft	166	-
LATLON	-	-98.00000	11,582 m		
4800N-10000W	-	48.00000	38,000 ft	99	-
LATLON	-	-100.00000	11,582 m		
4700N-10200W	-	47.00000	38,000 ft	100	-
LATLON	-	-102.00000	11,582 m		
4600N-10400W	-	46.00000	38,000 ft	102	-
LATLON	-	-104.00000	11,582 m		
4500N-10500W	-	45.00000	38,000 ft	73	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-105.00000	11,582 m		
4300N-10700W	-	43.00000	38,000 ft	147	-
LATLON	-	-107.00000	11,582 m		
4200N-10800W	-	42.00000	38,000 ft	74	-
LATLON	-	-108.00000	11,582 m		
4100N-10900W	-	41.00000	38,000 ft	75	-
LATLON	-	-109.00000	11,582 m		
3900N-11100W	-	39.00000	38,000 ft	151	-
LATLON	-	-111.00000	11,582 m		
3800N-11200W	-	38.00000	38,000 ft	76	-
LATLON	-	-112.00000	11,582 m		
3600N-11400W	-	36.00000	35,900 ft	153	-
LATLON	-	-114.00000	10,942 m		
3500N-11500W	-	35.00000	24,900 ft	77	-
LATLON	-	-115.00000	7,590 m		
3400N-11600W	-	34.00000	13,800 ft	77	-
LATLON	-	-116.00000	4,206 m		
KSAN	-	32.73350	0 ft	96	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: 0.385 E

## METAR

EGLL 290120Z AUTO 24011KT 9999 NCD 14/11 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



## KSAN

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 1

Elevation: 17 ft / 5 m  
Location: 32.733600 -117.190000  
Magnetic Var: 10.965 E

## METAR

KSAN 290051Z 30007KT 10SM BKN013 BKN250 17/13 A3005 RMK A02 SLP175 T01720128 \$

## TAF

KSAN 282338Z 2900/3006 28008KT P6SM BKN018 BKN250 FM290200 30004KT P6SM OVC015 FM290900 21004KT P6SM OVC011 FM291

## 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	95.17		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