

# KSEA

Seattle Tacoma Intl

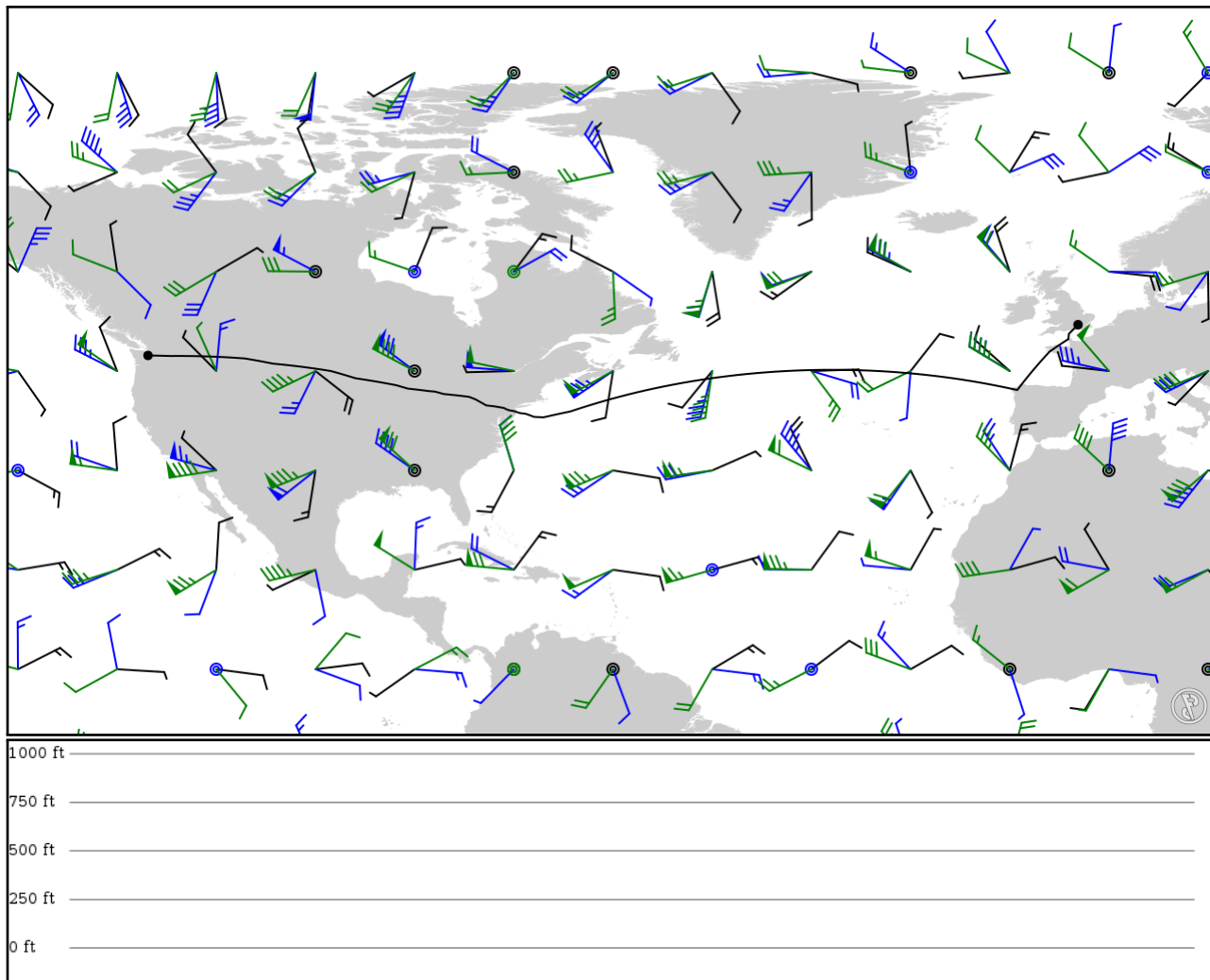
# EGLL

London Heathrow

2024/05/07 1053Z

KSEA BLUIT EPH LWT **V120** MLS **J90** RWF DLL **J538** BAE GRR **V2** SVM ERI **V184** PSB **V30** ETX **V147** ARD **V276**  
MANTA **N15B** JOBOC STG **UN866** QPR REVUT DOMUT EGLL

5666.90 nm / 10495.10 km



## Notes

Requested: KSEA BLUIT J12 EPH J70 LWT V120 MLS J90 RWF J34 DLL J538 BAE J34 GRR V510 LAN V2 BAMBY V26 SVM V170 ERI V  
Unmatched points: J12 J70 J34 J34 V510 V170 NATY UN472 UP87

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSEA	-	47.45019	0 ft	-	Seattle Tacoma Intl
APT	-	-122.31232	0 m		
BLUIT	-	47.40593	0 ft	77	-
FIX	-	-120.41820	0 m		
EPH	-	47.37792	0 ft	40	EPHRATA VORTAC
VOR	-	-119.42400	0 m		
LWT	-	47.05297	0 ft	400	LEWISTOWN VOR-DME
VOR	-	-109.60617	0 m		
ESTRO	V120	46.95262	0 ft	25	-
FIX	AWY-LO	-109.01046	0 m		
MLS	V120	46.38222	0 ft	130	MILES CITY VOR-DME
VOR	AWY-LO	-105.95353	0 m		
ABR	J90	45.41736	0 ft	322	ABERDEEN VOR-DME
VOR	AWY-HI	-98.36872	0 m		
RWF	J90	44.46728	0 ft	149	REDWOOD FALLS VOR-DME
VOR	AWY-HI	-95.12822	0 m		
DLL	-	43.55083	0 ft	238	DELLS VORTAC
VOR	-	-89.76361	0 m		
BAE	J538	43.11686	0 ft	69	BADGER VORTAC
VOR	AWY-HI	-88.28433	0 m		
GRR	-	42.78672	0 ft	124	GRAND RAPIDS VOR-DME
VOR	-	-85.49708	0 m		
LAN	V2	42.71739	0 ft	35	LANSING VORTAC
VOR	AWY-LO	-84.69750	0 m		
BAMBY	V2	42.54423	0 ft	29	-
FIX	AWY-LO	-84.07229	0 m		
SVM	V2	42.40864	0 ft	22	SALEM VORTAC
VOR	AWY-LO	-83.59389	0 m		
ERI	-	42.03858	0 ft	150	ESMER NDB
NDB	-	-80.25542	0 m		
TDT	V184	41.71303	0 ft	42	TIDIOUTE VORTAC
VOR	AWY-LO	-79.41728	0 m		
DETPE	V184	41.48967	0 ft	22	-
FIX	AWY-LO	-79.01119	0 m		
PSB	V184	40.91625	0 ft	57	PHILIPSBURG VORTAC
VOR	AWY-LO	-77.99272	0 m		
SEG	V30	40.79083	0 ft	50	SELINGSGROVE VORTAC
VOR	AWY-LO	-76.88403	0 m		
PINNA	V30	40.60850	0 ft	48	-
FIX	AWY-LO	-75.83672	0 m		
ETX	V30	40.58103	0 ft	7	EAST TEXAS VOR-DME
VOR	AWY-LO	-75.68403	0 m		
SPUDS	V147	40.45136	0 ft	13	-
FIX	AWY-LO	-75.43293	0 m		
ELASE	V147	40.39366	0 ft	6	-
FIX	AWY-LO	-75.32186	0 m		
MAZIE	V147	40.32210	0 ft	10	-
FIX	AWY-LO	-75.10980	0 m		
ARD	V147	40.25333	0 ft	10	YARDLEY VOR-DME
VOR	AWY-LO	-74.90761	0 m		
RBV	V276	40.20239	0 ft	19	ROBBINSVILLE VORTAC
VOR	AWY-LO	-74.49503	0 m		
CASVI	V276	40.10871	0 ft	14	-

Ident Type	Via	Lat Lon	Alt		Dist (nm)	Name
FIX	AWY-LO	-74.19429	0 m			
DIXIE	V276	40.09937	0 ft	1	-	
FIX	AWY-LO	-74.16449	0 m			
ZIGGI	V276	40.05194	0 ft	7	-	
FIX	AWY-LO	-74.01369	0 m			
GAMBY	V276	40.00617	0 ft	7	-	
FIX	AWY-LO	-73.86896	0 m			
MANTA	V276	39.90195	0 ft	16	-	
FIX	AWY-LO	-73.54212	0 m			
OWENZ	N15B	39.82336	0 ft	33	-	
FIX	AWY-HI	-72.83053	0 m			
LINND	N15B	39.40976	0 ft	57	-	
FIX	AWY-HI	-71.71049	0 m			
KENDA	N15B	39.35297	0 ft	56	-	
FIX	AWY-HI	-70.49945	0 m			
JOBOC	N15B	40.11667	0 ft	167	-	
FIX	AWY-HI	-67.00000	0 m			
STG	-	42.92687	0 ft	2585		SANTIAGO VOR-DME
VOR	-	-8.42539	0 m			
KORUL	UN866	44.83523	0 ft	131	-	
FIX	AWY-HI	-6.91973	0 m			
KOLEK	UN866	46.61278	0 ft	124	-	
FIX	AWY-HI	-5.40806	0 m			
COQUE	UN866	47.07917	0 ft	32	-	
FIX	AWY-HI	-4.99056	0 m			
KEREB	UN866	47.59139	0 ft	36	-	
FIX	AWY-HI	-4.52472	0 m			
QPR	UN866	47.95728	0 ft	25		QUIMPER PLUGUFFAN VOR-DME
VOR	AWY-HI	-4.18472	0 m			
REVTU	-	49.59722	0 ft	138	-	
FIX	-	-1.72556	0 m			
DOMUT	-	50.26194	0 ft	39	-	
FIX	-	-1.66917	0 m			
EGLL	-	51.47122	0 ft	85		London Heathrow
APT	-	-0.46098	0 m			

## KSEA

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 3

Elevation: 432 ft / 132 m  
Location: 47.450200 -122.312000  
Magnetic Var: 14.776 E

## METAR

KSEA 070953Z 23007KT 10SM OVC011 07/04 A3009 RMK A02 SLP197 T00670039

## TAF

TAF AMD KSEA 070908Z 0709/0812 23006KT P6SM VCSH OVC012 FM071300 19006KT P6SM SCT015 BKN025 OVC050 FM071900 34007KT

## Frequencies

REC - 118.00 MHz - SEATTLE ATIS	CLD - 128.00 MHz - SEATTLE CLEARANCE
GND - 121.70 MHz - SEATTLE GROUND	TWR - 119.90 MHz - SEATTLE TOWER
TWR - 120.95 MHz - SEATTLE TOWER	APP - 133.65 MHz - SEATTLE APPROACH
DEP - 120.10 MHz - SEATTLE DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	151 ft	11,904 ft	180.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	165.57		0 m	122 m
34R	151 ft	11,904 ft	0.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	345.57		0 m	122 m
16C	151 ft	9,428 ft	180.34	CONCRETE	0 ft	400 ft
	46 m	2,874 m	165.57		0 m	122 m
34C	151 ft	9,428 ft	0.34	CONCRETE	0 ft	397 ft
	46 m	2,874 m	345.57		0 m	121 m
16R	151 ft	8,502 ft	180.34	CONCRETE	0 ft	200 ft
	46 m	2,591 m	165.56		0 m	61 m
34L	151 ft	8,502 ft	0.34	CONCRETE	0 ft	197 ft
	46 m	2,591 m	345.56		0 m	60 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16C	DME	ISZI	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
16L	DME	ISNQ	110.30 MHz	18 nm	-	-	369 ft
				33 km	-		369 m
16R	DME	ICJL	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34C	DME	ITUC	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
34L	DME	IB EJ	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34R	DME	ISEA	110.30 MHz	18 nm	-	-	469 ft
				33 km	-		469 m
16C	LOC-ILS	ISZI	111.70 MHz	18 nm	180.34	-	355 ft
				33 km	165.56		355 m
16L	LOC-ILS	ISNQ	110.30 MHz	18 nm	180.34	-	338 ft
				33 km	165.57		338 m
16R	LOC-ILS	ICJL	110.75 MHz	18 nm	180.34	-	410 ft
				33 km	165.56		410 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34C	LOC-ILS	ITUC	111.70 MHz	18 nm	0.34	-	422 ft
				33 km	345.56		422 m
34L	LOC-ILS	IBEJ	110.75 MHz	18 nm	0.34	-	433 ft
				33 km	345.56		433 m
34R	LOC-ILS	ISEA	110.30 MHz	18 nm	0.34	-	428 ft
				33 km	345.57		428 m
16C	GS	ISZI	111.70 MHz	10 nm	180.67	3.00	418 ft
				19 km	165.90		418 m
16L	GS	ISNQ	110.30 MHz	10 nm	180.69	3.00	425 ft
				19 km	165.91		425 m
16R	GS	ICJL	110.75 MHz	10 nm	180.67	3.00	410 ft
				19 km	165.90		410 m
34C	GS	ITUC	111.70 MHz	10 nm	0.67	3.00	367 ft
				19 km	345.90		367 m
34L	GS	IBEJ	110.75 MHz	10 nm	0.67	3.00	360 ft
				19 km	345.90		360 m
34R	GS	ISEA	110.30 MHz	10 nm	0.69	2.75	355 ft
				19 km	345.91		355 m

## EGLL

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

Elevation: 83 ft / 25 m  
Location: 51.471200 -0.460881  
Magnetic Var: 0.376 E

## METAR

EGLL 071020Z AUTO 04006KT 340V100 9999 NCD 18/08 Q1021

## TAF

TAF EGLL 070453Z 0706/0812 01004KT 9999 FEW045 PROB30 TEMPO 0706/0707 7000 PROB40 0801/0809 8000 BKN009

## 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	89.30		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