

KSEA

Seattle Tacoma Intl

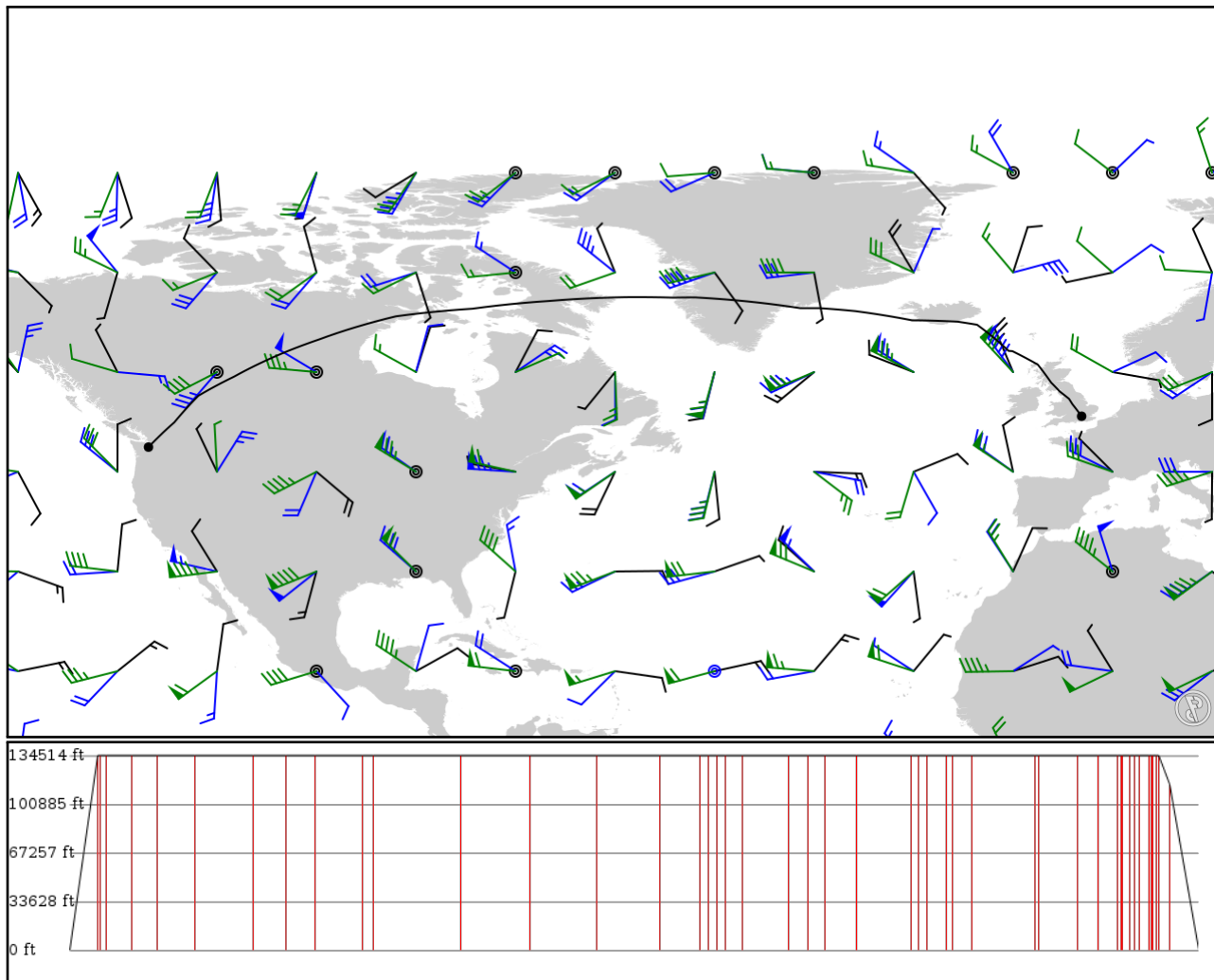
EGLL

London Heathrow

2024/06/05 1649Z

KSEA IWACK **J503** YNY **J527** YMM **NCAC** 090C **LAT7** 080D **NCAD** DARUB HB **UW28** DA **UT592** NONRO KfV **G3** ROSTI
ATSIX **UP60** AKIVO **UN601** STN **UL612** DCS **UN57** TNT EGLL

4237.62 nm / 7848.07 km



Notes

Basic altitude profile:

- Ascent Rate: 3500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 41000ft
- Cruise Speed: 450kts
- Descent Rate: 2500ft/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
KSEA	-	47.45020	0 ft	-	Seattle Tacoma Intl
APT	-	-122.31200	0 m		
IWACK	-	48.93210	41,000 ft	106	-
FIX	-	-120.83700	12,497 m		
FOLDY	J503	49.05160	41,000 ft	8	-
FIX	AWY-HI	-120.71200	12,497 m		
YDC	J503	49.38150	41,000 ft	23	PRINCETON
VOR	AWY-HI	-120.37400	12,497 m		
YNY	J503	50.67780	41,000 ft	95	ENDERBY
VOR	AWY-HI	-118.93900	12,497 m		
BOJAM	J527	52.10440	41,000 ft	97	-
FIX	AWY-HI	-117.71500	12,497 m		
YZU	J527	54.14570	41,000 ft	140	WHITECOURT
VOR	AWY-HI	-115.79700	12,497 m		
YMM	J527	56.64720	41,000 ft	218	FORT MCMURRAY
VOR	AWY-HI	-111.12200	12,497 m		
DUROT	NCAC	58.04100	41,000 ft	120	-
FIX	AWY-HI	-108.44900	12,497 m		
YSF	NCAC	59.25510	41,000 ft	109	STONY RAPIDS
NDB	AWY-HI	-105.83200	12,497 m		
CANIG	NCAC	61.10890	41,000 ft	179	-
FIX	AWY-HI	-101.12900	12,497 m		
100C	NCAC	61.50000	41,000 ft	40	-
FIX	AWY-HI	-100.00000	12,497 m		
090C	NCAC	64.50000	41,000 ft	326	-
FIX	AWY-HI	-90.00000	12,497 m		
080D	LAT7	65.50000	41,000 ft	260	-
FIX	AWY-HI	-80.00000	12,497 m		
070D	NCAD	66.50000	41,000 ft	251	-
FIX	AWY-HI	-70.00000	12,497 m		
DARUB	NCAD	67.00000	41,000 ft	238	-
FIX	AWY-HI	-60.00000	12,497 m		
HB	-	66.93580	41,000 ft	148	HOLSTEINSBORG
NDB	-	-53.69920	12,497 m		
KEMOS	UW28	66.95890	41,000 ft	34	-
FIX	AWY-HI	-52.22060	12,497 m		
SF	UW28	66.96750	41,000 ft	30	SONDRE STROMFJORD
NDB	AWY-HI	-50.94170	12,497 m		
GANGI	UW28	66.89440	41,000 ft	29	-
FIX	AWY-HI	-49.68080	12,497 m		
PEVAR	UW28	66.69920	41,000 ft	65	-
FIX	AWY-HI	-46.93970	12,497 m		
MASIK	UW28	65.96780	41,000 ft	172	-
FIX	AWY-HI	-39.99530	12,497 m		
DA	UW28	65.57010	41,000 ft	72	KULUSUK
NDB	AWY-HI	-37.20710	12,497 m		
NASOP	UT592	65.56670	41,000 ft	65	-
FIX	AWY-HI	-34.58330	12,497 m		
NONRO	UT592	65.18330	41,000 ft	116	-
FIX	AWY-HI	-30.00000	12,497 m		
KFV	-	63.98290	41,000 ft	203	KEFLAVIK
VOR	-	-22.61510	12,497 m		
METIL	G3	63.97190	41,000 ft	28	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-21.52610	12,497 m		
NASBU	G3	63.94670	41,000 ft	31	-
FIX	AWY-HI	-20.34820	12,497 m		
MIKLA	G3	63.84830	41,000 ft	73	-
FIX	AWY-HI	-17.57420	12,497 m		
ING	G3	63.80310	41,000 ft	24	INGO
VOR	AWY-HI	-16.63810	12,497 m		
ROSTI	G3	63.40640	41,000 ft	71	-
FIX	AWY-HI	-14.11220	12,497 m		
ATSIX	-	60.00000	41,000 ft	235	-
FIX	-	-10.00000	12,497 m		
AKIVO	UP60	59.96440	41,000 ft	15	-
FIX	AWY-HI	-9.50000	12,497 m		
STN	UN601	58.20690	41,000 ft	146	STORNOWAY
VOR	AWY-HI	-6.18305	12,497 m		
ORSUM	UL612	57.05190	41,000 ft	75	-
FIX	AWY-HI	-5.29472	12,497 m		
GOW	UL612	55.87050	41,000 ft	76	GLASGOW
VOR	AWY-HI	-4.44572	12,497 m		
FENIK	UL612	55.71530	41,000 ft	10	-
FIX	AWY-HI	-4.29194	12,497 m		
LUSIV	UL612	55.66720	41,000 ft	3	-
FIX	AWY-HI	-4.24472	12,497 m		
NAVSO	UL612	55.22280	41,000 ft	30	-
FIX	AWY-HI	-3.81361	12,497 m		
BEBNI	UL612	54.98500	41,000 ft	16	-
FIX	AWY-HI	-3.58722	12,497 m		
DCS	UL612	54.72190	41,000 ft	17	DEAN CROSS VOR-DME
DME	AWY-HI	-3.34056	12,497 m		
IPNOX	UN57	54.22780	41,000 ft	37	-
FIX	AWY-HI	-2.70611	12,497 m		
OLPOP	UN57	54.09220	41,000 ft	10	-
FIX	AWY-HI	-2.53556	12,497 m		
SETEL	UN57	54.01250	41,000 ft	5	-
FIX	AWY-HI	-2.43583	12,497 m		
BAMEP	UN57	53.87830	41,000 ft	9	-
FIX	AWY-HI	-2.26917	12,497 m		
POL	UN57	53.74380	41,000 ft	9	POLE HILL
VOR	AWY-HI	-2.10333	12,497 m		
TNT	UN57	53.05400	34,900 ft	44	TRENT
VOR	AWY-HI	-1.66997	10,638 m		
EGLL	-	51.47120	0 ft	104	London Heathrow
APT	-	-0.46088	0 m		

KSEA

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 3

Elevation: 432 ft / 132 m
Location: 47.450200 -122.312000
Magnetic Var: 14.764 E

METAR

KSEA 051553Z 13006KT 10SM SCT025 12/06 A3024 RMK AO2 SLP248 T01220056

TAF

KSEA 051501Z 0515/0618 18004KT P6SM BKN025 FM051800 28005KT P6SM SCT250 FM052000 35008KT P6SM SCT250 FM060400 0200

Frequencies

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

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	165.58		0 m	122 m
34R	151 ft	11,904 ft	0.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	345.58		0 m	122 m
16C	151 ft	9,428 ft	180.34	CONCRETE	0 ft	400 ft
	46 m	2,874 m	165.58		0 m	122 m
34C	151 ft	9,428 ft	0.34	CONCRETE	0 ft	397 ft
	46 m	2,874 m	345.58		0 m	121 m
16R	151 ft	8,502 ft	180.34	CONCRETE	0 ft	200 ft
	46 m	2,591 m	165.57		0 m	61 m
34L	151 ft	8,502 ft	0.34	CONCRETE	0 ft	197 ft
	46 m	2,591 m	345.57		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	165.57		355 m
16L	LOC-ILS	ISNQ	110.30 MHz	18 nm	180.34	-	338 ft
				33 km	165.58		338 m
16R	LOC-ILS	ICJL	110.75 MHz	18 nm	180.34	-	410 ft
				33 km	165.57		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	345.57		422 m
34L	LOC-ILS	IBEJ	110.75 MHz	18 nm	0.34	-	433 ft
				33 km	345.57		433 m
34R	LOC-ILS	ISEA	110.30 MHz	18 nm	0.34	-	428 ft
				33 km	345.58		428 m
16C	GS	ISZI	111.70 MHz	10 nm	180.67	3.00	418 ft
				19 km	165.91		418 m
16L	GS	ISNQ	110.30 MHz	10 nm	180.69	3.00	425 ft
				19 km	165.92		425 m
16R	GS	ICJL	110.75 MHz	10 nm	180.67	3.00	410 ft
				19 km	165.91		410 m
34C	GS	ITUC	111.70 MHz	10 nm	0.67	3.00	367 ft
				19 km	345.91		367 m
34L	GS	IBEJ	110.75 MHz	10 nm	0.67	3.00	360 ft
				19 km	345.91		360 m
34R	GS	ISEA	110.30 MHz	10 nm	0.69	2.75	355 ft
				19 km	345.92		355 m

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.388 E

METAR

EGLL 051620Z AUTO 28010KT 250V320 9999 NCD 17/02 Q1015 NOSIG

TAF

TAF EGLL 051100Z 0512/0618 28008KT 9999 FEW045

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	89.27		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	89.29		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.33		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	89.29		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.31		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.31		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.29		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.29		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	89.31		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.31		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.29		83 m