

KSEA

Seattle-Tacoma Intl

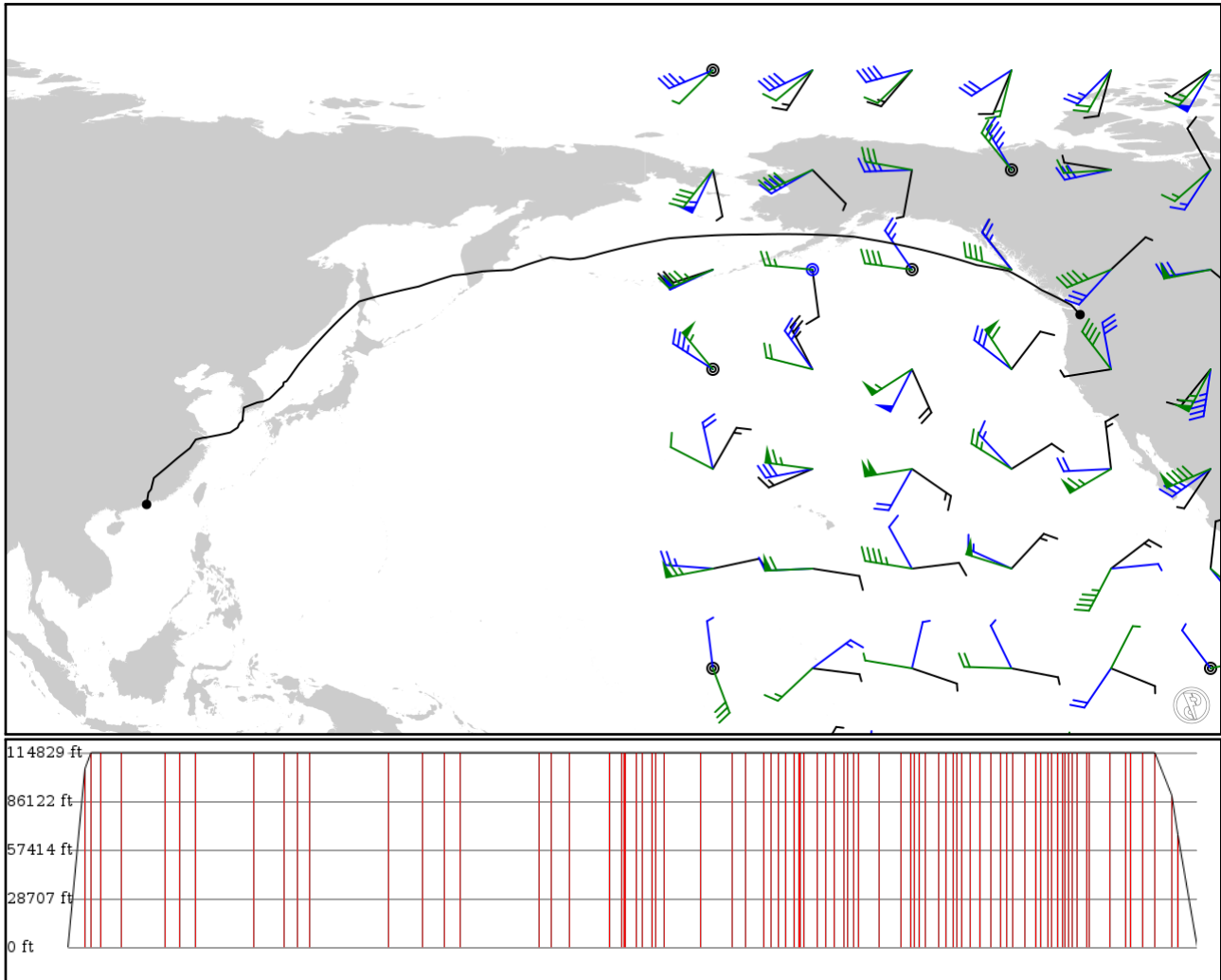
VHHH

Hong Kong Intl

2024/06/04 2213Z

KSEA YYJ **J502** YZT **J523** YZP **TR18** KATCH **B757** CJAYY **J123** ODK **R341** NATES KOKES **B242** DIPNA **B932** RAPAK
G73 UB **B915** NAMUL **R968** DITOR **B233** NULAR **B467** KANSU **Y233** ONATA 3800N13200E TENAS **A586** DABIK KPO
V549 TGU **V547** IGDOK **Y657** KWA **B576** CJU **Z82** PANSI **Y711** DOMKO SADLI **A593** PUD **A599** JTN JTN **A599** PLT
W19 BILAT VHHH

5850.32 nm / 10834.80 km



Notes

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
KSEA	-	47.45020	0 ft	-	Seattle-Tacoma Intl
APT	-	-122.31200	0 m		
YYJ	-	48.72710	32,100 ft	89	VICTORIA
VOR	-	-123.48400	9,784 m		
ARRUE	J502	49.07310	35,000 ft	32	-
FIX	AWY-HI	-124.13000	10,668 m		
ROYST	J502	49.59140	35,000 ft	49	-
FIX	AWY-HI	-125.12600	10,668 m		
YZT	J502	50.68410	35,000 ft	108	PORT HARDY
VOR	AWY-HI	-127.36500	10,668 m		
YZP	J523	53.25220	35,000 ft	225	SANDSPIT
VOR	AWY-HI	-131.80700	10,668 m		
KALTS	TR18	53.62170	35,000 ft	74	-
FIX	AWY-HI	-133.80500	10,668 m		
KATCH	TR18	54.00000	35,000 ft	81	-
FIX	AWY-HI	-136.00000	10,668 m		
HMPTN	B757	56.19440	35,000 ft	304	-
FIX	AWY-HI	-144.00200	10,668 m		
GRIZZ	B757	57.11490	35,000 ft	158	-
FIX	AWY-HI	-148.50200	10,668 m		
CJAYY	B757	57.46410	35,000 ft	69	-
FIX	AWY-HI	-150.53100	10,668 m		
ODK	J123	57.77500	35,000 ft	61	KODIAK
VOR	AWY-HI	-152.34000	10,668 m		
CHUUK	R341	58.05750	35,000 ft	410	-
FIX	AWY-HI	-165.21500	10,668 m		
PUGGY	R341	57.95220	35,000 ft	176	-
FIX	AWY-HI	-170.76100	10,668 m		
HODDY	R341	57.73770	35,000 ft	109	-
FIX	AWY-HI	-174.16800	10,668 m		
OFORD	R341	57.53630	35,000 ft	85	-
FIX	AWY-HI	-176.80100	10,668 m		
NATES	R341	54.93350	35,000 ft	405	-
FIX	AWY-HI	171.97500	10,668 m		
KOKES	-	54.75000	35,000 ft	65	-
FIX	-	170.10300	10,668 m		
DIPNA	B242	55.03940	35,000 ft	91	-
FIX	AWY-HI	167.48800	10,668 m		
RAPAK	B932	53.35670	35,000 ft	207	-
FIX	AWY-HI	162.31600	10,668 m		
TUSOM	G73	53.28890	35,000 ft	62	-
FIX	AWY-HI	160.58400	10,668 m		
OSTUL	G73	53.26860	35,000 ft	15	-
FIX	AWY-HI	160.16100	10,668 m		
PIRUT	G73	53.26030	35,000 ft	5	-
FIX	AWY-HI	159.99800	10,668 m		
PETIN	G73	53.17000	35,000 ft	55	-
FIX	AWY-HI	158.45400	10,668 m		
SAMIK	G73	53.03890	35,000 ft	31	-
FIX	AWY-HI	157.60800	10,668 m		
UB	G73	52.81640	35,000 ft	50	UST-BOLSHERETSK
NDB	AWY-HI	156.26800	10,668 m		
LEDRU	B915	52.77000	35,000 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	155.78500	10,668 m		
NAMUL	B915	52.63830	35,000 ft	46	-
FIX	AWY-HI	154.52800	10,668 m		
ROMUK	R968	51.17190	35,000 ft	189	-
FIX	AWY-HI	150.00200	10,668 m		
BARUL	R968	50.26640	35,000 ft	159	-
FIX	AWY-HI	146.04500	10,668 m		
ARDOK	R968	49.83860	35,000 ft	68	-
FIX	AWY-HI	144.39900	10,668 m		
DITOR	R968	49.18360	35,000 ft	98	-
FIX	AWY-HI	142.08500	10,668 m		
OLUTA	B233	48.67190	35,000 ft	38	-
FIX	AWY-HI	141.50100	10,668 m		
RUTAL	B233	48.20190	35,000 ft	35	-
FIX	AWY-HI	140.98000	10,668 m		
TUTIB	B233	47.70190	35,000 ft	37	-
FIX	AWY-HI	140.43800	10,668 m		
ODONI	B233	47.12360	35,000 ft	42	-
FIX	AWY-HI	139.82600	10,668 m		
BULOD	B233	46.76190	35,000 ft	26	-
FIX	AWY-HI	139.45300	10,668 m		
TUPNA	B233	46.68190	35,000 ft	5	-
FIX	AWY-HI	139.37100	10,668 m		
NITIN	B233	46.41860	35,000 ft	19	-
FIX	AWY-HI	139.10400	10,668 m		
ERONO	B233	45.44030	35,000 ft	71	-
FIX	AWY-HI	138.13900	10,668 m		
DIRUL	B233	44.82530	35,000 ft	44	-
FIX	AWY-HI	137.55300	10,668 m		
ORTEP	B233	44.27530	35,000 ft	39	-
FIX	AWY-HI	137.04100	10,668 m		
ASMER	B233	43.55190	35,000 ft	51	-
FIX	AWY-HI	136.38100	10,668 m		
ODIBA	B233	43.24190	35,000 ft	22	-
FIX	AWY-HI	136.10300	10,668 m		
MANIT	B233	42.86500	35,000 ft	26	-
FIX	AWY-HI	135.77100	10,668 m		
LURED	B233	42.48330	35,000 ft	27	-
FIX	AWY-HI	135.43900	10,668 m		
NULAR	B233	40.98670	35,000 ft	106	-
FIX	AWY-HI	134.18300	10,668 m		
TONIN	B467	39.33330	35,000 ft	113	-
FIX	AWY-HI	133.00000	10,668 m		
KANSU	B467	38.63330	35,000 ft	48	-
FIX	AWY-HI	132.47500	10,668 m		
ONATA	Y233	38.47560	35,000 ft	19	-
FIX	AWY-HI	132.10100	10,668 m		
3800N13200E	-	38.00000	35,000 ft	28	-
LATLON	-	132.00000	10,668 m		
TENAS	-	37.63890	35,000 ft	29	-
FIX	-	131.57400	10,668 m		
AGSUS	A586	36.75580	35,000 ft	68	-
FIX	AWY-HI	130.67900	10,668 m		
DABIK	A586	36.29530	35,000 ft	36	-
FIX	AWY-HI	130.19500	10,668 m		
KPO	-	35.97720	35,000 ft	39	POHANG

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	-	129.47500	10,668 m		
LAPAL	V549	35.90360	35,000 ft	19	-
FIX	AWY-HI	129.08100	10,668 m		
TGU	V549	35.80980	35,000 ft	24	DALSEONG
VOR	AWY-HI	128.59100	10,668 m		
IGDOK	V547	35.51780	35,000 ft	41	-
FIX	AWY-HI	127.81900	10,668 m		
KWA	Y657	35.12620	35,000 ft	54	GWANGJU
VOR	AWY-HI	126.81200	10,668 m		
IPDAS	B576	34.25440	35,000 ft	52	-
FIX	AWY-HI	126.71700	10,668 m		
CJU	B576	33.38460	35,000 ft	52	JEJU
VOR	AWY-HI	126.62400	10,668 m		
PANSI	Z82	33.00400	35,000 ft	31	-
FIX	AWY-HI	126.20700	10,668 m		
DOMKO	Y711	32.48000	35,000 ft	33	-
FIX	AWY-HI	125.98300	10,668 m		
SADLI	-	31.83330	35,000 ft	63	-
FIX	-	124.99800	10,668 m		
LAMEN	A593	31.61000	35,000 ft	52	-
FIX	AWY-HI	124.00000	10,668 m		
AKARA	A593	31.50000	35,000 ft	26	-
FIX	AWY-HI	123.50000	10,668 m		
DUMET	A593	31.36170	35,000 ft	38	-
FIX	AWY-HI	122.77500	10,668 m		
IPRAG	A593	31.29670	35,000 ft	17	-
FIX	AWY-HI	122.44200	10,668 m		
PUD	A593	31.17170	35,000 ft	34	PUDONG
VOR	AWY-HI	121.78300	10,668 m		
JTN	A599	31.12330	35,000 ft	22	JIUTING
VOR	AWY-HI	121.34200	10,668 m		
JTN	-	31.12500	35,000 ft	0	JIUTING VOR-DME
DME	-	121.34000	10,668 m		
OLGAP	A599	31.07330	35,000 ft	10	-
FIX	AWY-HI	121.15000	10,668 m		
LURMA	A599	30.97500	35,000 ft	21	-
FIX	AWY-HI	120.74800	10,668 m		
NXD	A599	30.89670	35,000 ft	17	NANXUN
VOR	AWY-HI	120.43000	10,668 m		
KAKIS	A599	30.48330	35,000 ft	28	-
FIX	AWY-HI	120.14700	10,668 m		
TOL	A599	29.76330	35,000 ft	50	TONGLU
VOR	AWY-HI	119.66000	10,668 m		
ELNEX	A599	29.63170	35,000 ft	11	-
FIX	AWY-HI	119.49000	10,668 m		
SHR	A599	28.41670	35,000 ft	108	SHANGRAO
VOR	AWY-HI	117.97000	10,668 m		
XUVGI	A599	27.52000	35,000 ft	77	-
FIX	AWY-HI	116.92200	10,668 m		
NF	A599	27.20830	35,000 ft	26	NANFENG
NDB	AWY-HI	116.55800	10,668 m		
SAGON	A599	26.50170	35,000 ft	62	-
FIX	AWY-HI	115.70800	10,668 m		
PLT	A599	25.80830	35,000 ft	61	PANLONG
VOR	AWY-HI	114.87500	10,668 m		
MABAG	W19	24.31330	27,300 ft	91	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	114.50700	8,321 m		
BILAT	W19	23.86830	20,200 ft	33	-
FIX	AWY-HI	114.14700	6,157 m		
VHHH	-	22.30890	0 ft	94	Hong Kong Intl
APT	-	113.91500	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 042201Z 25017G25KT 5SM -RA SCT008 BKN015 14/11 A2994 RMK A02 P0001 T01390111

TAF

KSEA 042052Z 0421/0524 20013G23KT P6SM -SHRA FEW005 BKN025 OVC030 TEMPO 0421/0423 2SM -RA BR FM050000 22012G19KT

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	165.58		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

VHHH

Region: HONG KONG
Timezone: UNKNOWN
Runways: 2

Elevation: 27 ft / 8 m
Location: 22.308900 113.915000
Magnetic Var: 3.242 W

METAR

VHHH 042200Z 09012KT 9999 FEW010 SCT025 24/22 Q1009 TEMPO 4000 SHRA FEW010CB SCT020

TAF

TAF VHHH 042000Z 0421/0603 10015KT 9999 FEW010 SCT025 TX28/0506Z TN24/0422Z TN25/0524Z TEMPO 0421/0503 4000 SHRA

Frequencies

REC - 128.20 MHz - D-ATIS	REC - 127.05 MHz - D-ATIS
GND - 121.60 MHz - HONG KONG GROUND	GND - 122.55 MHz - HONG KONG GROUND
GND - 121.87 MHz - HONG KONG GROUND	TWR - 118.20 MHz - HONG KONG TOWER
TWR - 118.40 MHz - HONG KONG TOWER	TWR - 118.70 MHz - HONG KONG TOWER
CLD - 124.65 MHz - HONG KONG CLEARANCE DELIVERY	CLD - 129.90 MHz - HONG KONG CLEARANCE DELIVERY
DEP - 122.00 MHz - HONG KONG DEPARTURE	DEP - 123.80 MHz - HONG KONG DEPARTURE
DEP - 124.05 MHz - HONG KONG DEPARTURE	APP - 119.10 MHz - HONG KONG APPROACH
APP - 119.35 MHz - HONG KONG APPROACH	APP - 119.55 MHz - HONG KONG DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	197 ft	12,462 ft	70.77	ASPHALT	554 ft	974 ft
	60 m	3,799 m	74.02		169 m	297 m
25R	197 ft	12,462 ft	250.79	ASPHALT	571 ft	978 ft
	60 m	3,799 m	254.03		174 m	298 m
07R	197 ft	12,463 ft	70.79	ASPHALT	518 ft	886 ft
	60 m	3,799 m	74.03		158 m	270 m
25L	197 ft	12,463 ft	250.80	ASPHALT	0 ft	981 ft
	60 m	3,799 m	254.04		0 m	299 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IZSL	111.10 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
07R	DME	ISR	109.30 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25L	DME	IFL	108.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25R	DME	ITFR	110.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
07L	LOC-ILS	IZSL	111.10 MHz	18 nm	70.78	-	27 ft
				33 km	74.02		27 m
07R	LOC-ILS	ISR	109.30 MHz	18 nm	70.79	-	27 ft
				33 km	74.03		27 m
25L	LOC-ILS	IFL	108.90 MHz	18 nm	250.79	-	27 ft
				33 km	254.03		27 m
25R	LOC-ILS	ITFR	110.90 MHz	18 nm	250.78	-	27 ft
				33 km	254.02		27 m
07L	GS	IZSL	111.10 MHz	10 nm	70.78	3.00	27 ft
				19 km	74.02		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07R	GS	ISR	109.30 MHz	10 nm	70.79	3.00	27 ft
				19 km	74.03		27 m
25L	GS	IFL	108.90 MHz	10 nm	250.79	3.00	27 ft
				19 km	254.03		27 m
25R	GS	ITFR	110.90 MHz	10 nm	250.78	3.00	27 ft
				19 km	254.02		27 m