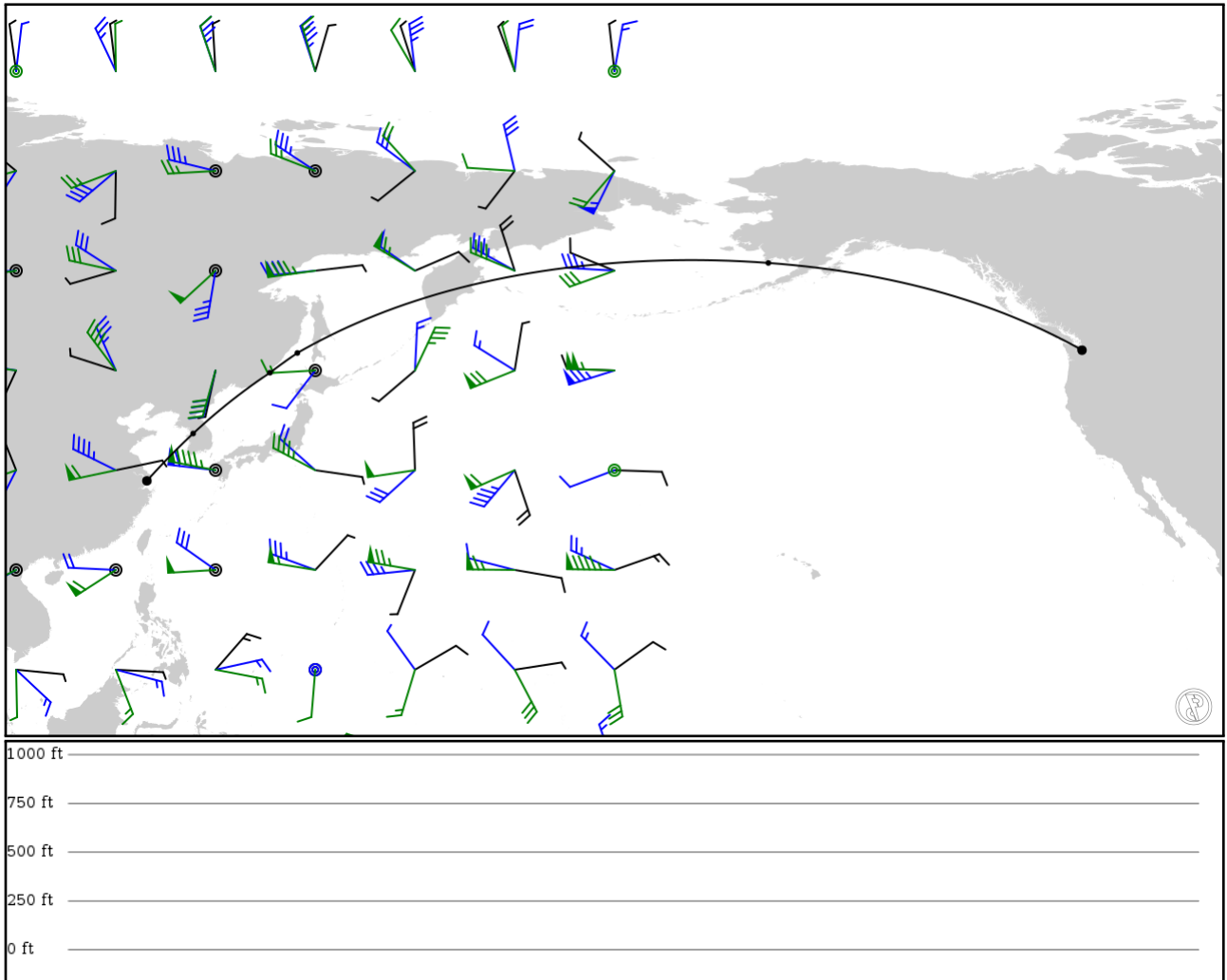


2024/05/11 1529Z

ZSSS OSN88 IKADA LUGOM GARRS COSTO KSEA

4973.69 nm / 9211.28 km



Notes

Generated

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ZSSS	-	31.21325	0 ft	-	-
APT	-	121.33544	0 m		
OSN88	-	37.10058	0 ft	454	-
FIX	-	127.09130	0 m		
IKADA	-	44.66667	0 ft	627	-
FIX	-	136.65000	0 m		
LUGOM	-	47.12000	0 ft	204	-
FIX	-	140.05833	0 m		
GARRS	-	58.31827	0 ft	2157	-
FIX	-	-161.34244	0 m		
COSTO	-	47.59542	0 ft	1517	-
FIX	-	-122.51773	0 m		
KSEA	-	47.46383	0 ft	11	-
APT	-	-122.31786	0 m		

ZSSS

Region: CHINA
Timezone: ASIA/SHANGHAI
Runways: 2

Elevation: 8 ft / 2 m
Location: 31.198100 121.334000
Magnetic Var: 6.411 W

METAR

ZSSS 111500Z VRB02MPS 5000 BR BKN008 22/21 Q1011 BECMG TL1650 BKN011

TAF

TAF ZSSS 110905Z 1112/1212 23004MPS 8000 BKN015 TX25/1206Z TN15/1121Z TEMPO 1112/1115 TSRA BKN010 FEW030CB BECMG

Frequencies

REC - 132.25 MHz - ATIS	CLD - 121.75 MHz - HONGQIAO DELIVERY
GND - 121.60 MHz - HONGQIAO GROUND	GND - 121.85 MHz - HONGQIAO GROUND
TWR - 118.10 MHz - HONGQIAO TOWER	TWR - 118.65 MHz - HONGQIAO TOWER
APP - 120.30 MHz - SHANGHAI APPROACH	APP - 125.40 MHz - SHANGHAI APPROACH
APP - 125.85 MHz - SHANGHAI APPROACH	APP - 123.80 MHz - SHANGHAI APPROACH
APP - 126.65 MHz - SHANGHAI APPROACH	APP - 126.30 MHz - SHANGHAI APPROACH
APP - 121.10 MHz - SHANGHAI APPROACH	APP - 121.37 MHz - SHANGHAI APPROACH
APP - 121.62 MHz - SHANGHAI APPROACH	APP - 119.07 MHz - SHANGHAI APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18L	148 ft	11,181 ft	177.35	ASPHALT	328 ft	322 ft
	45 m	3,408 m	183.77		100 m	98 m
36R	148 ft	11,181 ft	357.36	ASPHALT	338 ft	197 ft
	45 m	3,408 m	3.77		103 m	60 m
18R	197 ft	10,885 ft	177.36	CONCRETE	997 ft	377 ft
	60 m	3,318 m	183.77		304 m	115 m
36L	197 ft	10,885 ft	357.36	CONCRETE	1,014 ft	381 ft
	60 m	3,318 m	3.78		309 m	116 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18L	LOC-ILS	IPK	111.30 MHz	18 nm	177.35	-	8 ft
				33 km	183.76		8 m
18R	LOC-ILS	IHQ	110.90 MHz	18 nm	177.36	-	8 ft
				33 km	183.77		8 m
36L	LOC-ILS	ISH	111.70 MHz	18 nm	357.36	-	8 ft
				33 km	3.77		8 m
36R	LOC-ILS	IWB	110.30 MHz	18 nm	357.35	-	8 ft
				33 km	3.76		8 m
18L	GS	IPK	111.30 MHz	10 nm	177.35	3.00	8 ft
				19 km	183.76		8 m
18R	GS	IHQ	110.90 MHz	10 nm	177.36	3.00	8 ft
				19 km	183.77		8 m
36L	GS	ISH	111.70 MHz	10 nm	357.36	3.00	8 ft
				19 km	3.77		8 m
36R	GS	IWB	110.30 MHz	10 nm	357.35	3.00	8 ft
				19 km	3.76		8 m

KSEA

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

Elevation: 432 ft / 132 m
Location: 47.450200 -122.312000
Magnetic Var: 14.774 E

METAR

KSEA 111453Z 00000KT 10SM FEW120 18/09 A2996 RMK AO2 SLP149 T01780094 51002

TAF

KSEA 111352Z 1114/1218 VRB03KT P6SM FEW200 FM111800 30007KT P6SM FEW200 FM112200 28007KT P6SM FEW200 FM121000 210

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	165.57		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	165.57		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