

KSEA

Seattle-Tacoma Intl

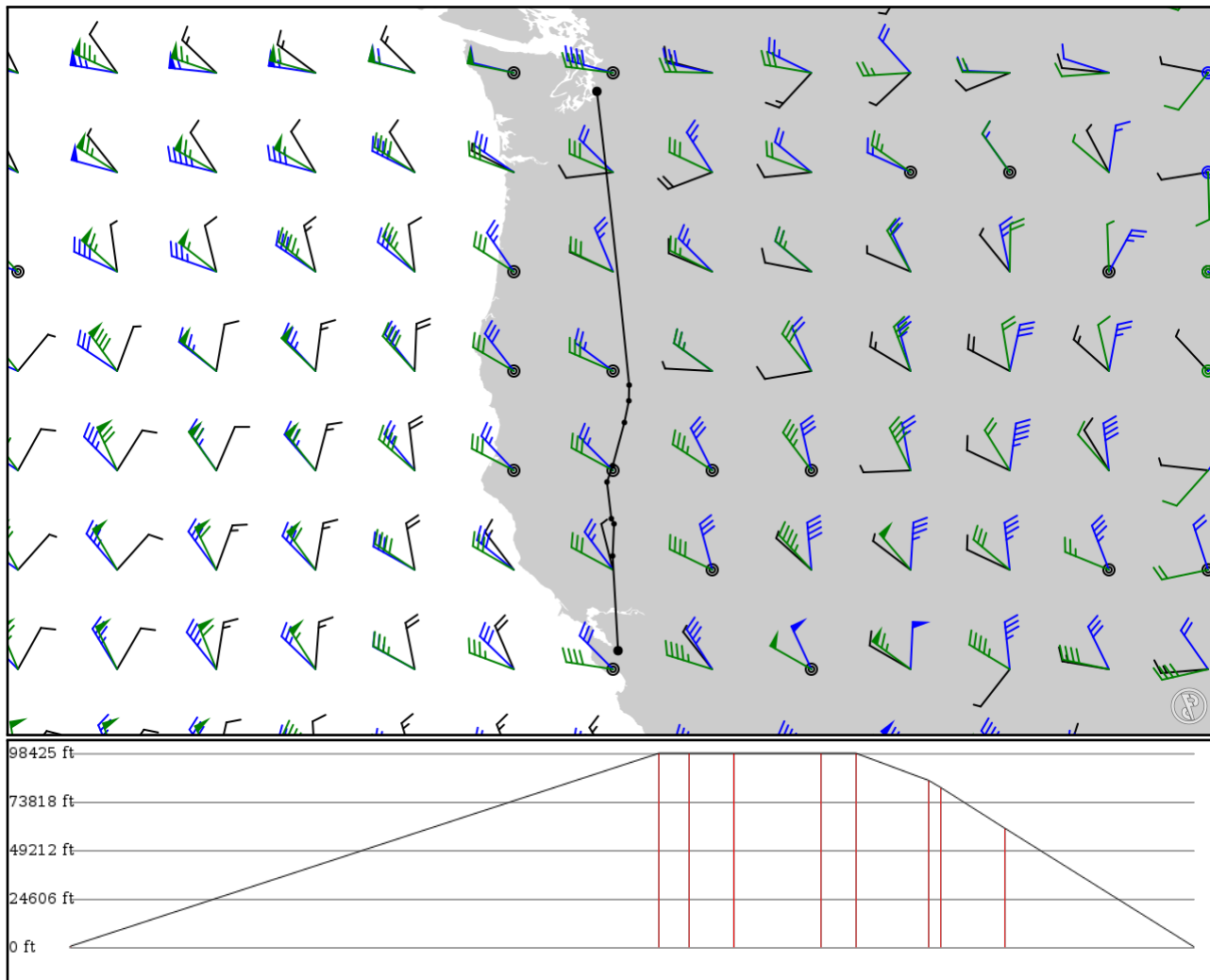
KSJC

Norman Y. Mineta San Jose Intl

2024/05/11 0547Z

KSEA SEA J65 LMT V25 MUREX T261 JINGO V195 ILA KSJC

609.36 nm / 1128.53 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 30000ft
- Cruise Speed: 500kts
- Descent Rate: 1500ft/min
- Descent Speed: 190kts

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		
SEA	-	47.43540	200 ft	0	SEATTLE
VOR	-	-122.31000	61 m		
LMT	J65	42.15310	30,000 ft	318	KLAMATH FALLS
VOR	AWY-HI	-121.72800	9,144 m		
MUREX	V25	41.86970	30,000 ft	17	-
FIX	AWY-LO	-121.73400	9,144 m		
CCAPS	T261	41.47780	30,000 ft	23	-
FIX	AWY-LO	-121.81400	9,144 m		
GARSA	T261	40.70160	30,000 ft	47	-
FIX	AWY-LO	-122.02400	9,144 m		
HOMAN	T261	40.40500	30,000 ft	18	-
FIX	AWY-LO	-122.12900	9,144 m		
GONGS	T261	39.74340	25,800 ft	39	-
FIX	AWY-LO	-122.05000	7,864 m		
JINGO	T261	39.65020	24,700 ft	6	-
FIX	AWY-LO	-122.00200	7,529 m		
ILA	V195	39.07120	18,400 ft	34	WILLIAMS
VOR	AWY-LO	-122.02700	5,608 m		
KSJC	-	37.36300	0 ft	102	Norman Y. Mineta San Jose Intl
APT	-	-121.92900	0 m		

KSEA

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

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

METAR

KSEA 110453Z 32003KT 10SM CLR 21/09 A2997 RMK A02 SLP152 T02060089

TAF

KSEA 110259Z 1103/1206 34007KT P6SM SKC FM110600 03004KT P6SM SKC FM111800 33007KT P6SM SKC

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	165.56		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

KSJC

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 2

Elevation: 62 ft / 19 m
Location: 37.363000 -121.929000
Magnetic Var: 12.724 E

METAR

KSJC 110453Z 30005KT 10SM CLR 21/08 A2993 RMK A02 SLP135 T02060078

TAF

KSJC 102321Z 1100/1124 32012KT P6SM FEW250 FM110400 28006KT P6SM FEW250 FM111000 VRB03KT P6SM FEW250 FM112100 320

Frequencies

REC - 126.95 MHz - ATIS	COM - 124.00 MHz - CTAF
CLD - 118.00 MHz - CLEARANCE DELIVERY	GND - 121.70 MHz - GROUND
TWR - 124.00 MHz - TOWER	APP - 120.10 MHz - NORCAL APPROACH
APP - 125.35 MHz - NORCAL APPROACH	APP - 134.50 MHz - NORCAL DEPARTURE
DEP - 121.30 MHz - NORCAL DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	151 ft	11,012 ft	138.93	CONCRETE	1,299 ft	217 ft
	46 m	3,356 m	126.20		396 m	66 m
30L	151 ft	11,012 ft	318.94	CONCRETE	2,539 ft	49 ft
	46 m	3,356 m	306.22		774 m	15 m
12L	151 ft	11,012 ft	138.93	CONCRETE	1,309 ft	144 ft
	46 m	3,356 m	126.20		399 m	44 m
30R	151 ft	11,012 ft	318.94	CONCRETE	2,539 ft	141 ft
	46 m	3,356 m	306.22		774 m	43 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12R	DME	ISLV	110.90 MHz	18 nm	-	-	75 ft
				33 km	-		75 m
30L	DME	ISJC	110.90 MHz	18 nm	-	-	49 ft
				33 km	-		49 m
12R	LOC-ILS	ISLV	110.90 MHz	18 nm	138.94	-	62 ft
				33 km	126.22		62 m
30L	LOC-ILS	ISJC	110.90 MHz	18 nm	318.94	-	62 ft
				33 km	306.22		62 m
12R	GS	ISLV	110.90 MHz	10 nm	138.94	3.00	62 ft
				19 km	126.22		62 m
30L	GS	ISJC	110.90 MHz	10 nm	318.94	3.00	62 ft
				19 km	306.22		62 m