

KSEA

Seattle Tacoma Intl

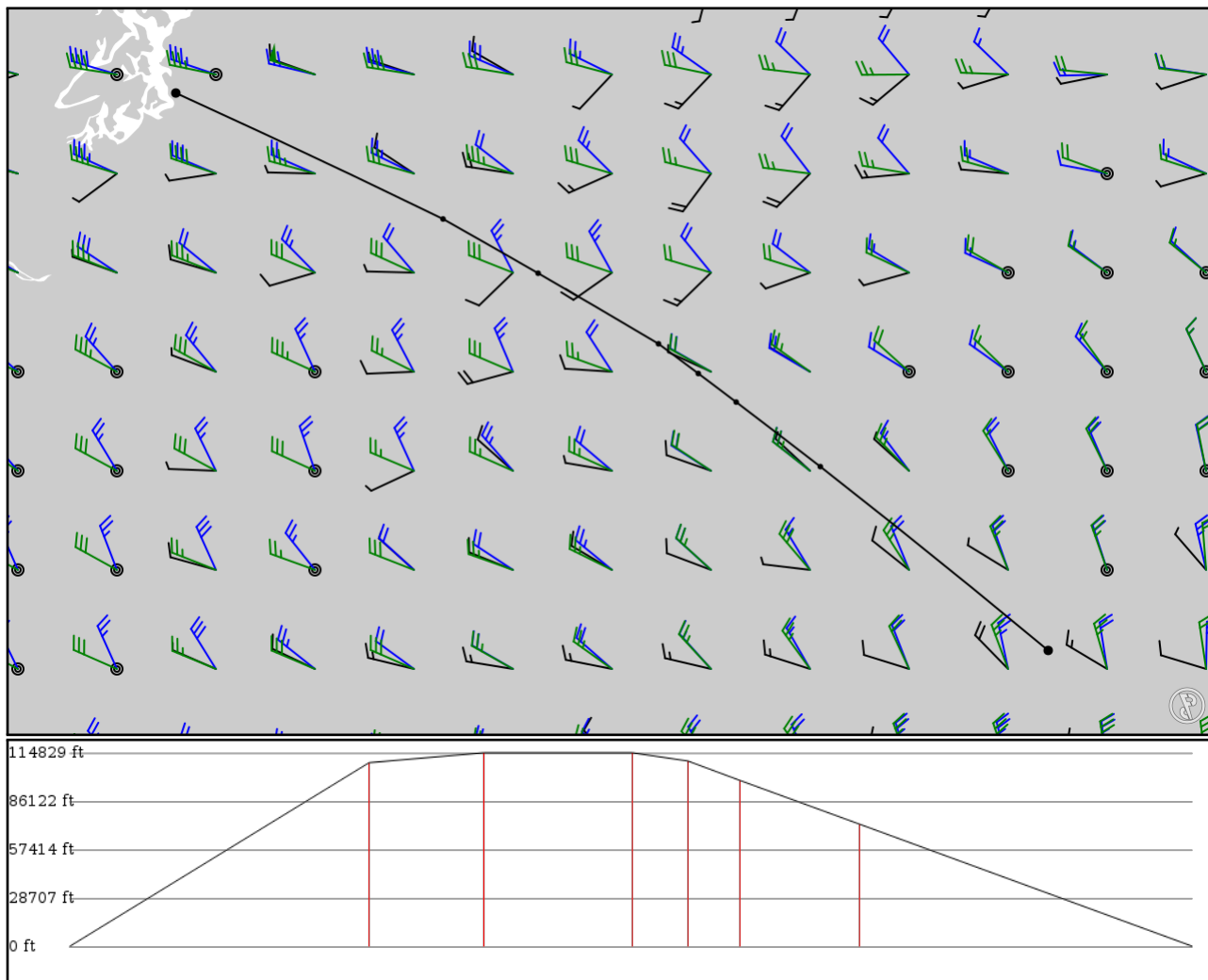
KBOI

Boise Air Terminal (Gowen Field)

2024/05/06 0238Z

KSEA YKM **J20** PDT **V4** BKE KBOI

348.11 nm / 644.71 km



Notes

Basic altitude profile:

- Ascent Rate: 1500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 25000ft
- 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 APT	-	47.45019 -122.31232	0 ft 0 m	-	Seattle Tacoma Intl
YKM VOR	-	46.57025 -120.44464	33,200 ft 10,119 m	92	YAKIMA VORTAC
BRUKK FIX	J20 AWY-HI	46.19135 -119.78004	35,000 ft 10,668 m	35	-
PDT VOR	J20 AWY-HI	45.69842 -118.93869	35,000 ft 10,668 m	45	PENDLETON VORTAC
PIANO FIX	V4 AWY-LO	45.49083 -118.66053	33,500 ft 10,211 m	17	-
LACED FIX	V4 AWY-LO	45.29121 -118.39581	30,000 ft 9,144 m	16	-
BKE VOR	V4 AWY-LO	44.84059 -117.80786	22,100 ft 6,736 m	36	-
KBOI APT	-	43.55624 -116.21495	0 ft 0 m	103	Boise Air Terminal (Gowen Field)

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 060203Z 23014G24KT 10SM FEW018 SCT024 BKN070 09/06 A2982 RMK AO2 T00940061

TAF

KSEA 052334Z 0600/0706 22012G20KT P6SM VCSH BKN015 OVC020 FM060400 19015G23KT P6SM VCSH OVC012 FM061300 22016KT P

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

KBOI

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

Elevation: 2,872 ft / 875 m
Location: 43.564400 -116.223000
Magnetic Var: 12.619 E

METAR

KBOI 060153Z 28012KT 10SM BKN040 11/03 A2972 RMK AO2 SLP061 T01110033

TAF

TAF KBOI 052320Z 0600/0624 28010KT P6SM VCSH BKN035 FM060600 29013KT 6SM -RA BR FEW015 OVC020 FM061200 30012KT P6SM

Frequencies

REC - 123.90 MHz - D-ATIS	COM - 122.95 MHz - BOISE UNICOM
GND - 121.70 MHz - BOISE GROUND	TWR - 118.10 MHz - BOISE TOWER
TWR - 119.00 MHz - BOISE TOWER	CLD - 125.90 MHz - BOISE CLEARANCE DELIVERY
DEP - 119.60 MHz - BIG SKY DEPARTURE	DEP - 126.90 MHz - BIG SKY DEPARTURE
APP - 119.60 MHz - BIG SKY APPROACH	APP - 126.90 MHz - BIG SKY APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	150 ft	9,982 ft	115.22	ASPHALT	0 ft	197 ft
	46 m	3,043 m	102.60		0 m	60 m
28R	150 ft	9,982 ft	295.24	ASPHALT	0 ft	200 ft
	46 m	3,043 m	282.62		0 m	61 m
10R	150 ft	9,746 ft	115.20	ASPHALT	0 ft	200 ft
	46 m	2,971 m	102.59		0 m	61 m
28L	150 ft	9,746 ft	295.23	ASPHALT	0 ft	200 ft
	46 m	2,971 m	282.61		0 m	61 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10R	DME	IBOI	111.10 MHz	18 nm	-	-	2,879 ft
				33 km	-		2,879 m
28R	LOC-ILS	IAAD	110.15 MHz	18 nm	295.23	-	2,872 ft
				33 km	282.61		2,872 m
10R	LOC-ILS	IBOI	111.10 MHz	18 nm	115.22	-	2,872 ft
				33 km	102.60		2,872 m
10R	GS	IBOI	111.10 MHz	10 nm	115.42	3.00	2,872 ft
				19 km	102.80		2,872 m
28R	GS	IAAD	110.15 MHz	10 nm	295.23	3.00	2,872 ft
				19 km	282.61		2,872 m