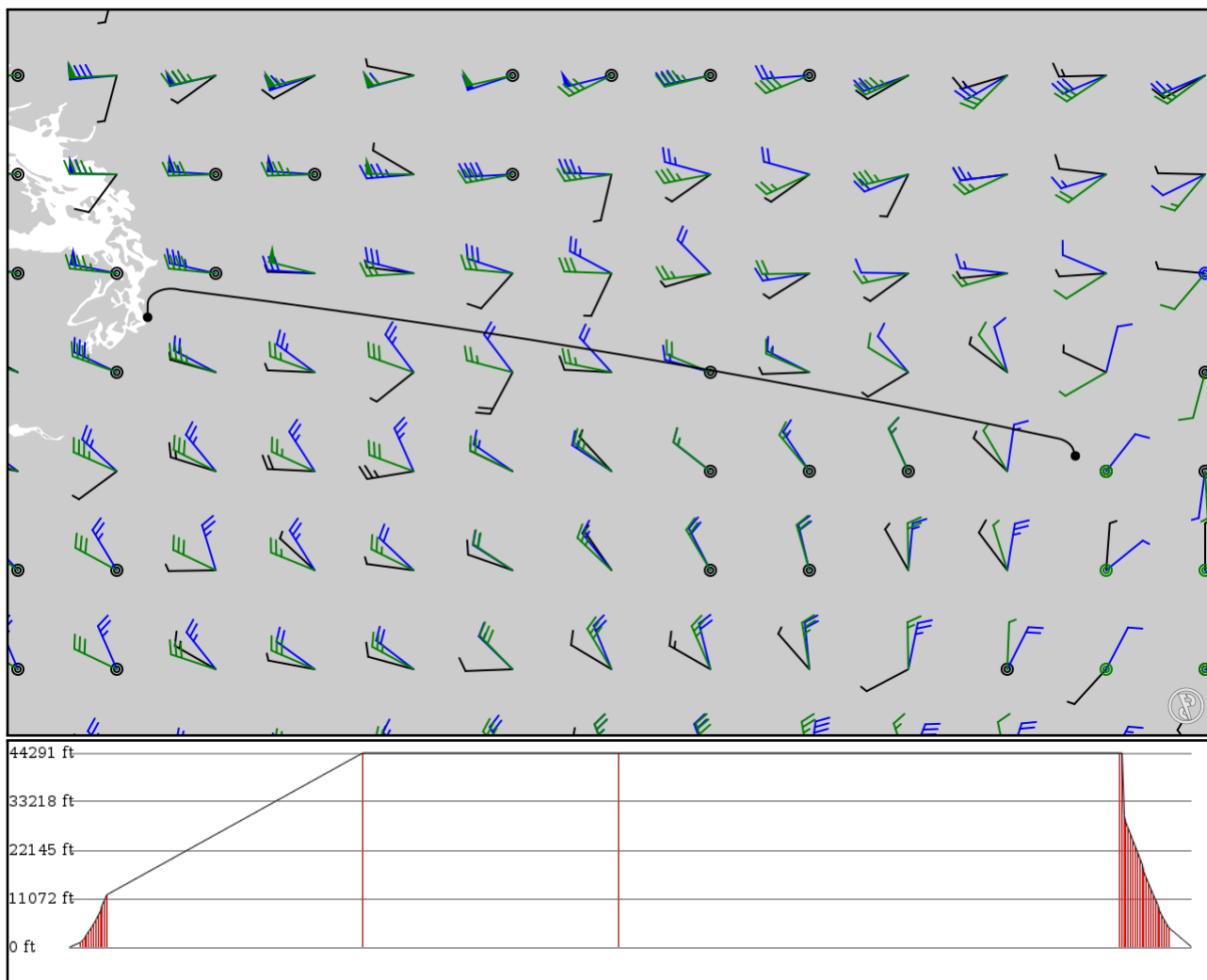


2024/05/12 1828Z

KBTM +46.04_-112.52 +46.05_-112.53 +46.06_-112.54 +46.08_-112.55 +46.09_-112.56 +46.10_-112.57
 +46.11_-112.59 +46.12_-112.60 +46.13_-112.62 +46.14_-112.64 +46.14_-112.66 +46.15_-112.68
 +46.15_-112.70 +46.62_-114.98 +47.04_-117.31 +47.72_-121.96 +47.73_-121.98 +47.73_-122.01
 +47.73_-122.03 +47.73_-122.05 +47.73_-122.07 +47.73_-122.09 +47.73_-122.11 +47.73_-122.13
 +47.72_-122.15 +47.72_-122.17 +47.71_-122.19 +47.70_-122.21 +47.69_-122.23 +47.68_-122.24
 +47.67_-122.26 +47.66_-122.27 +47.65_-122.28 +47.63_-122.29 +47.62_-122.30 +47.60_-122.30
 +47.59_-122.30 +47.58_-122.31 KSEA

433.90 nm / 803.59 km



Notes

Departing runway 34 KBTM. Arriving runway 18 KSEA.

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KBTM	-	45.96693	0 ft	-	-
APT	-	-112.50120	0 m		
+46.04_-112.52	-	46.03741	340 ft	4	-
DME	-	-112.52480	104 m		
+46.05_-112.53	-	46.05117	490 ft	0	-
DME	-	-112.53128	149 m		
+46.06_-112.54	-	46.06448	670 ft	0	-
DME	-	-112.53946	204 m		
+46.08_-112.55	-	46.07725	870 ft	0	-
DME	-	-112.54928	265 m		
+46.09_-112.56	-	46.08938	1,100 ft	0	-
DME	-	-112.56067	335 m		
+46.10_-112.57	-	46.10077	1,350 ft	0	-
DME	-	-112.57355	411 m		
+46.11_-112.59	-	46.11134	1,620 ft	0	-
DME	-	-112.58781	494 m		
+46.12_-112.60	-	46.12101	1,910 ft	0	-
DME	-	-112.60334	582 m		
+46.13_-112.62	-	46.12970	2,230 ft	0	-
DME	-	-112.62004	680 m		
+46.14_-112.64	-	46.13735	2,560 ft	0	-
DME	-	-112.63777	780 m		
+46.14_-112.66	-	46.14390	2,910 ft	0	-
DME	-	-112.65640	887 m		
+46.15_-112.68	-	46.14930	3,270 ft	0	-
DME	-	-112.67578	997 m		
+46.15_-112.70	-	46.15351	3,650 ft	0	-
DME	-	-112.69577	1,113 m		
+46.62_-114.98	-	46.61842	13,500 ft	98	-
DME	-	-114.98335	4,115 m		
+47.04_-117.31	-	47.03820	13,500 ft	98	-
DME	-	-117.31204	4,115 m		
+47.72_-121.96	-	47.72054	13,500 ft	193	-
DME	-	-121.96479	4,115 m		
+47.73_-121.98	-	47.72557	13,500 ft	0	-
DME	-	-121.98496	4,115 m		
+47.73_-122.01	-	47.72940	9,130 ft	0	-
DME	-	-122.00571	2,783 m		
+47.73_-122.03	-	47.73200	8,720 ft	0	-
DME	-	-122.02688	2,658 m		
+47.73_-122.05	-	47.73335	8,300 ft	0	-
DME	-	-122.04830	2,530 m		
+47.73_-122.07	-	47.73344	7,870 ft	0	-
DME	-	-122.06982	2,399 m		
+47.73_-122.09	-	47.73227	7,440 ft	0	-
DME	-	-122.09127	2,268 m		
+47.73_-122.11	-	47.72984	7,010 ft	0	-
DME	-	-122.11248	2,137 m		
+47.73_-122.13	-	47.72618	6,570 ft	0	-
DME	-	-122.13330	2,003 m		
+47.72_-122.15	-	47.72131	6,140 ft	0	-
DME	-	-122.15356	1,871 m		
+47.72_-122.17	-	47.71528	5,710 ft	0	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
DME	-	-122.17311	1,740 m		
+47.71_-122.19	-	47.70812	5,280 ft	0	-
DME	-	-122.19181	1,609 m		
+47.70_-122.21	-	47.69989	4,860 ft	0	-
DME	-	-122.20950	1,481 m		
+47.69_-122.23	-	47.69065	4,450 ft	0	-
DME	-	-122.22606	1,356 m		
+47.68_-122.24	-	47.68048	4,040 ft	0	-
DME	-	-122.24135	1,231 m		
+47.67_-122.26	-	47.66945	3,650 ft	0	-
DME	-	-122.25527	1,113 m		
+47.66_-122.27	-	47.65765	3,270 ft	0	-
DME	-	-122.26770	997 m		
+47.65_-122.28	-	47.64516	2,910 ft	0	-
DME	-	-122.27855	887 m		
+47.63_-122.29	-	47.63208	2,560 ft	0	-
DME	-	-122.28775	780 m		
+47.62_-122.30	-	47.61851	2,230 ft	0	-
DME	-	-122.29522	680 m		
+47.60_-122.30	-	47.60455	1,910 ft	0	-
DME	-	-122.30090	582 m		
+47.59_-122.30	-	47.59031	1,620 ft	0	-
DME	-	-122.30475	494 m		
+47.58_-122.31	-	47.57590	1,350 ft	0	-
DME	-	-122.30675	411 m		
KSEA	-	47.43117	0 ft	8	-
APT	-	-122.30804	0 m		

KBTM

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

Elevation: 5,550 ft / 1,692 m
Location: 45.954700 -112.498000
Magnetic Var: 11.732 E

METAR

KBTM 121753Z AUTO 10SM CLR 18/01 A3001 RMK A02 SLP124 T01830006 10189 20017 58010

TAF

TAF KBTM 121720Z 1218/1318 30008KT P6SM FEW090 FM130300 VRB05KT P6SM SKC

Frequencies

REC - 135.17 MHz - ASOS

COM - 123.00 MHz - UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	150 ft	9,003 ft	166.91	ASPHALT	0 ft	200 ft
	46 m	2,744 m	155.18		0 m	61 m
33	150 ft	9,003 ft	346.92	ASPHALT	0 ft	203 ft
	46 m	2,744 m	335.18		0 m	62 m
12	75 ft	5,106 ft	129.21	ASPHALT	0 ft	0 ft
	23 m	1,556 m	117.48		0 m	0 m
30	75 ft	5,106 ft	309.23	ASPHALT	0 ft	0 ft
	23 m	1,556 m	297.49		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	IBEY	110.90 MHz	18 nm	-	-	5,564 ft
				33 km	-		5,564 m
15	LOC-ILS	IBEY	110.90 MHz	18 nm	166.91	-	5,539 ft
				33 km	155.18		5,539 m
15	GS	IBEY	110.90 MHz	10 nm	167.82	3.50	5,510 ft
				19 km	156.09		5,510 m

KSEA

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

Elevation: 432 ft / 132 m
Location: 47.450200 -122.312000
Magnetic Var: 14.773 E

METAR

KSEA 121753Z VRB04KT 10SM CLR 18/09 A2999 RMK A02 SLP160 T01780089 10178 20106 51002 \$

TAF

TAF KSEA 121720Z 1218/1324 27006KT P6SM SCT200 FM130100 03011KT P6SM SCT120 BKN200 FM130800 11003KT P6SM BKN050 O

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	165.57		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	345.57		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	165.56		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