

KPDX

Portland Intl

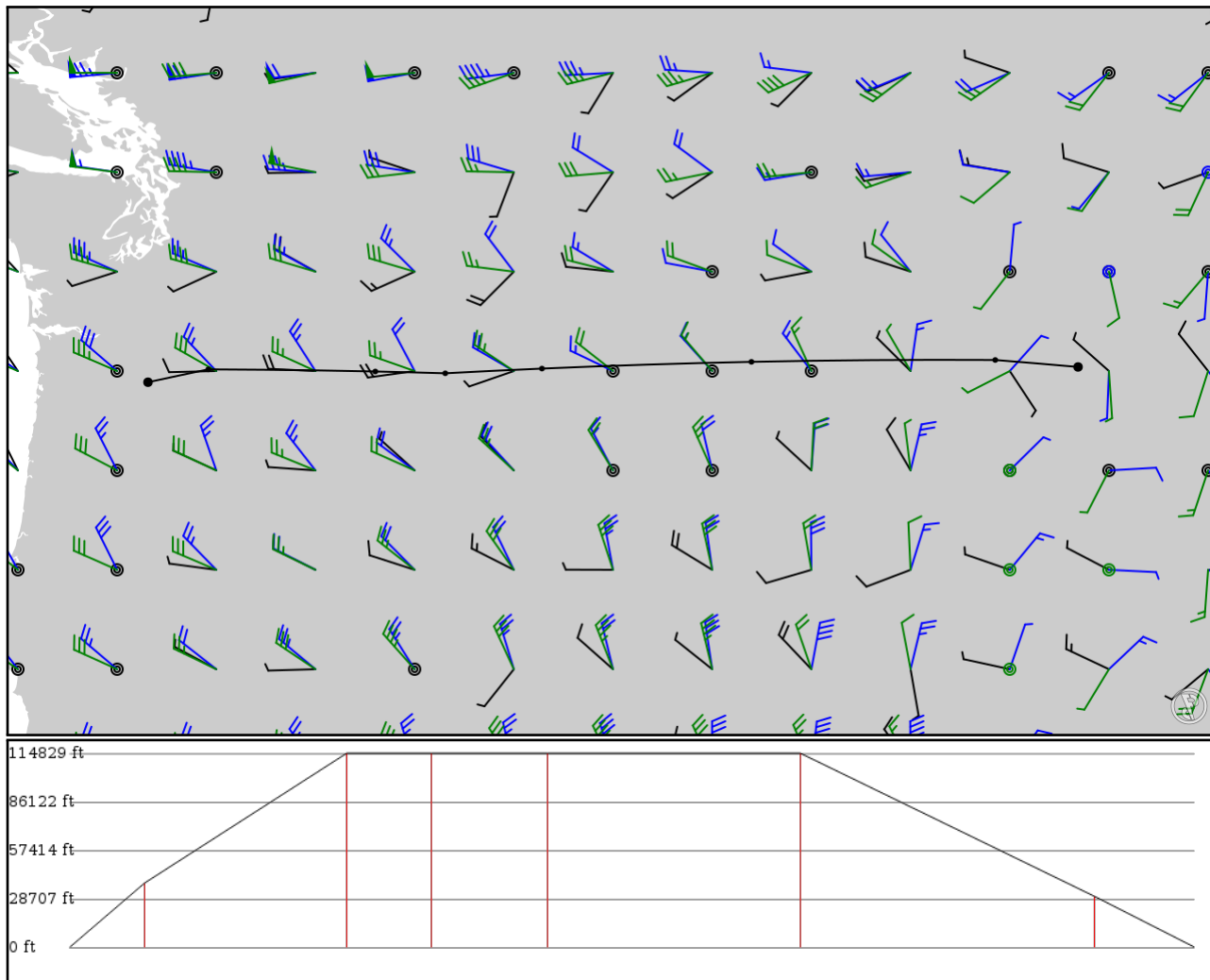
KBZN

Bozeman Yellowstone Int'l

2024/06/01 1043Z

KPDX LAVAA **J16** HIA KBZN

481.45 nm / 891.64 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
KPDX APT	-	45.58870 -122.59800	0 ft 0 m	-	Portland Intl
LAVAA FIX	-	45.74670 -121.85600	11,600 ft 3,536 m	32	-
KOTAA FIX	J16 AWY-HI	45.72060 -119.80000	35,000 ft 10,668 m	86	-
PDT VOR	J16 AWY-HI	45.69840 -118.93900	35,000 ft 10,668 m	36	PENDLETON
CHASS FIX	J16 AWY-HI	45.75630 -117.74900	35,000 ft 10,668 m	50	-
DOXIE FIX	J16 AWY-HI	45.83900 -115.17100	35,000 ft 10,668 m	108	-
HIA VOR	J16 AWY-HI	45.86180 -112.17000	9,200 ft 2,804 m	125	WHITEHALL
KBZN APT	-	45.77620 -111.15100	0 ft 0 m	42	Bozeman Yellowstone Int'l

KPDX

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

Elevation: 31 ft / 9 m
Location: 45.588700 -122.598000
Magnetic Var: 14.445 E

METAR

KPDX 010953Z 00000KT 10SM BKN200 OVC210 16/08 A2995 RMK A02 SLP141 T01560083

TAF

TAF AMD KPDX 010854Z 0109/0206 30004KT P6SM SCT100 BKN250 FM011800 27006KT P6SM VCSH OVC060

Frequencies

REC - 128.35 MHz - D-ATIS	COM - 122.95 MHz - PORTLAND UNICOM
GND - 121.90 MHz - PORTLAND GROUND	GND - 132.27 MHz - PORTLAND GROUND
TWR - 118.70 MHz - PORTLAND TOWER	TWR - 123.77 MHz - PORTLAND TOWER
CLD - 120.12 MHz - PORTLAND CLEARANCE DELIVERY	DEP - 118.10 MHz - PORTLAND DEPARTURE
DEP - 124.35 MHz - PORTLAND DEPARTURE	DEP - 127.85 MHz - PORTLAND DEPARTURE
APP - 118.10 MHz - PORTLAND APPROACH	APP - 124.35 MHz - PORTLAND APPROACH
APP - 126.90 MHz - PORTLAND APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	150 ft	9,810 ft	119.09	ASPHALT	1,296 ft	397 ft
	46 m	2,990 m	104.65		395 m	121 m
28R	150 ft	9,810 ft	299.12	ASPHALT	538 ft	400 ft
	46 m	2,990 m	284.67		164 m	122 m
10R	150 ft	10,981 ft	119.08	CONCRETE	0 ft	397 ft
	46 m	3,347 m	104.63		0 m	121 m
28L	150 ft	10,981 ft	299.10	CONCRETE	0 ft	400 ft
	46 m	3,347 m	284.66		0 m	122 m
03	150 ft	5,994 ft	44.92	ASPHALT	0 ft	0 ft
	46 m	1,827 m	30.48		0 m	0 m
21	150 ft	5,994 ft	224.94	ASPHALT	0 ft	0 ft
	46 m	1,827 m	210.49		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10L	DME	IVDG	111.30 MHz	18 nm	-	-	45 ft
				33 km	-		45 m
10R	DME	IPDX	110.50 MHz	18 nm	-	-	36 ft
				33 km	-		36 m
21	DME	IGPO	108.90 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
28L	DME	IJMJ	110.50 MHz	18 nm	-	-	36 ft
				33 km	-		36 m
28R	DME	IIAP	111.30 MHz	18 nm	-	-	45 ft
				33 km	-		45 m
10L	LOC-ILS	IVDG	111.30 MHz	18 nm	119.12	-	30 ft
				33 km	104.68		30 m
10R	LOC-ILS	IPDX	110.50 MHz	18 nm	119.09	-	30 ft
				33 km	104.64		30 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	IJMJ	110.50 MHz	18 nm	299.09	-	30 ft
				33 km	284.64		30 m
28R	LOC-ILS	IIAP	111.30 MHz	18 nm	299.11	-	30 ft
				33 km	284.66		30 m
21	LOC-LOC	IGPO	108.90 MHz	18 nm	224.93	-	30 ft
				33 km	210.48		30 m
10L	GS	IVDG	111.30 MHz	10 nm	119.11	3.00	30 ft
				19 km	104.66		30 m
10R	GS	IPDX	110.50 MHz	10 nm	119.09	3.00	30 ft
				19 km	104.64		30 m
28L	GS	IJMJ	110.50 MHz	10 nm	299.09	3.00	30 ft
				19 km	284.64		30 m
28R	GS	IIAP	111.30 MHz	10 nm	299.11	3.00	30 ft
				19 km	284.66		30 m

KBZN

Region: UNITED STATES

Timezone: AMERICA/DENVER

Runways: 3

Elevation: 4,471 ft / 1,363 m

Location: 45.776200 -111.151000

Magnetic Var: 11.146 E

METAR

KBZN 010956Z AUTO 14003KT 10SM CLR 03/01 A3002 RMK A02 SLP156 T00330006

TAF

KBZN 010525Z 0106/0212 VRB06KT P6SM SCT250 FM020000 31009KT P6SM VCSH SCT060 BKN120 PROB30 0200/0206 6SM -SHRA BR

Frequencies

REC - 135.42 MHz - ATIS

COM - 122.95 MHz - UNICOM

GND - 121.80 MHz -

COM - 118.20 MHz - CTAF

COM - 122.95 MHz - UNICOM

TWR - 118.20 MHz - BOZEMAN TWR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	151 ft	9,002 ft	135.85	ASPHALT	0 ft	180 ft
	46 m	2,744 m	124.71		0 m	55 m
30	151 ft	9,002 ft	315.87	ASPHALT	0 ft	174 ft
	46 m	2,744 m	304.73		0 m	53 m
11	79 ft	3,199 ft	135.79	GRASS	0 ft	0 ft
	24 m	975 m	124.64		0 m	0 m
29	79 ft	3,199 ft	315.79	GRASS	0 ft	0 ft
	24 m	975 m	304.65		0 m	0 m
03	75 ft	2,650 ft	45.66	ASPHALT	0 ft	0 ft
	23 m	808 m	34.52		0 m	0 m
21	75 ft	2,650 ft	225.67	ASPHALT	0 ft	0 ft
	23 m	808 m	214.52		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	LOC-ILS	IBZN	109.30 MHz	18 nm	135.87	-	4,421 ft
				33 km	124.73		4,421 m
12	GS	IBZN	109.30 MHz	10 nm	136.71	3.00	4,427 ft
				19 km	125.56		4,427 m