KPDX
PORTLAND INTL

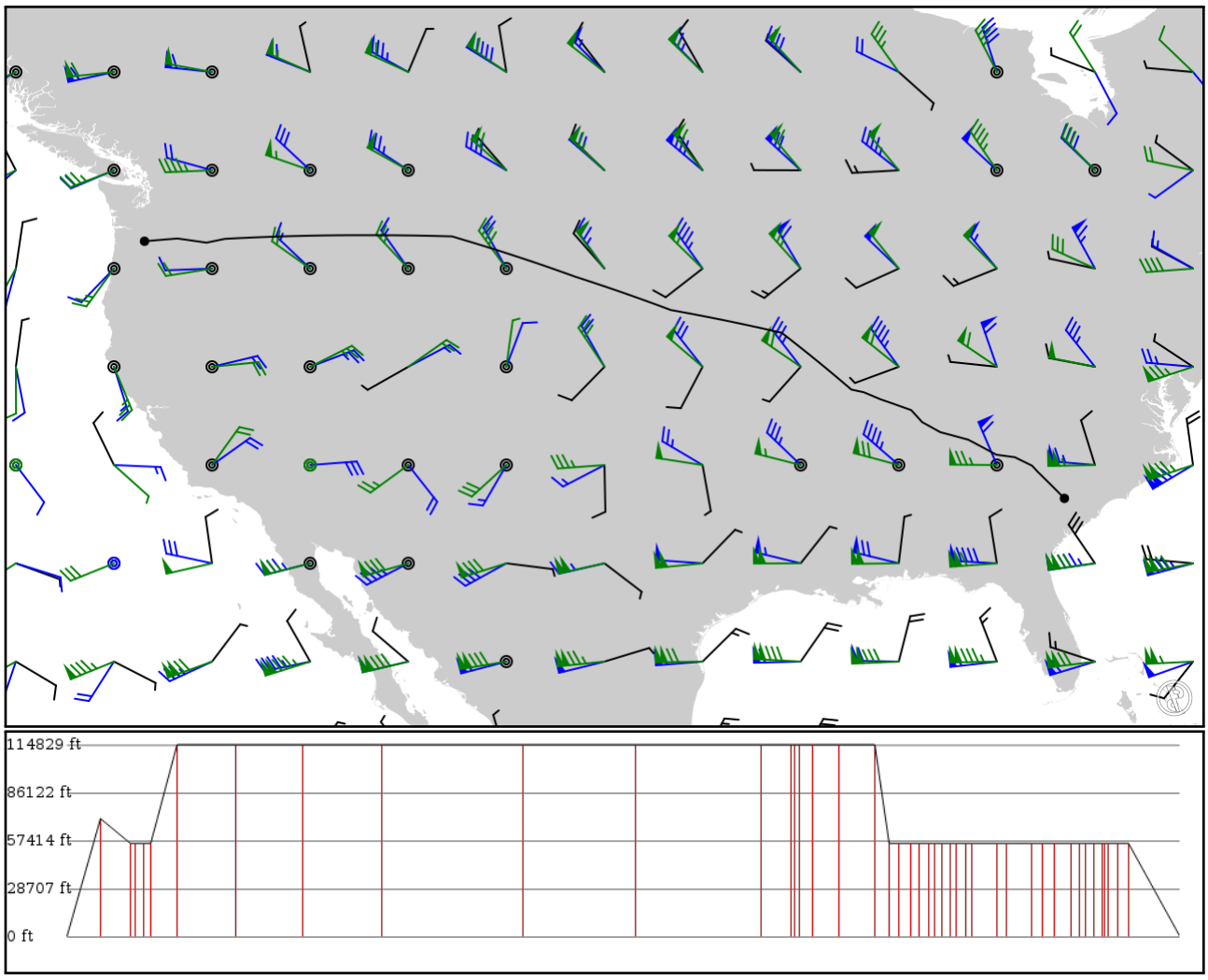
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KMMT
MC ENTIRE ANGS

2024/03/19 0903Z

KPDX LTJ **V112** PDT **J16** BIL **J151** STL **V4** PXV **V52** LVT **V384** VXV **V136** SOT **V185** SUG **V53** CARTT KMMT

2075.15 nm / 3843.17 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	–	45.58884 -122.59726	0 ft 0 m	–	PORTLAND INTL
LTJ VOR	–	45.71358 -121.10083	21,500 ft 6,553 m	63	KLICKITAT VOR-DME
OGPAY FIX	V112 AWY-LO	45.52558 -119.78086	17,000 ft 5,182 m	56	–
LOAMS FIX	V112 AWY-LO	45.56310 -119.60097	17,000 ft 5,182 m	7	–
ECHOD FIX	V112 AWY-LO	45.64383 -119.20848	17,000 ft 5,182 m	17	–
PDT VOR	V112 AWY-LO	45.69842 -118.93869	17,000 ft 5,182 m	11	PENDLETON VORTAC
CHASS FIX	J16 AWY-HI	45.75628 -117.74909	35,000 ft 10,668 m	49	–
DOXIE FIX	J16 AWY-HI	45.83895 -115.17136	35,000 ft 10,668 m	108	–
HIA VOR	J16 AWY-HI	45.86178 -112.16961	35,000 ft 10,668 m	125	WHITEHALL VOR-DME
BIL VOR	J16 AWY-HI	45.80856 -108.62464	35,000 ft 10,668 m	148	BILLINGS VORTAC
RAP VOR	J151 AWY-HI	43.97603 -103.01233	35,000 ft 10,668 m	262	RAPID CITY VORTAC
ONL VOR	J151 AWY-HI	42.47050 -98.68692	35,000 ft 10,668 m	209	O’NEILL VORTAC
DSM VOR	J151 AWY-HI	41.43761 -93.64856	35,000 ft 10,668 m	233	DES MOINES VORTAC
JAVAS FIX	J151 AWY-HI	40.76563 -92.78883	35,000 ft 10,668 m	56	–
CHASY FIX	J151 AWY-HI	40.69396 -92.69864	35,000 ft 10,668 m	5	–
SKBOZ FIX	J151 AWY-HI	40.58117 -92.55726	35,000 ft 10,668 m	9	–
COLIE FIX	J151 AWY-HI	40.28059 -92.18387	35,000 ft 10,668 m	24	–
TWAIN FIX	J151 AWY-HI	39.67237 -91.44309	35,000 ft 10,668 m	49	–
STL DME	J151 AWY-HI	38.86069 -90.48237	35,000 ft 10,668 m	66	ST LOUIS VORTAC
TOY VOR	V4 AWY-LO	38.73914 -89.91858	17,000 ft 5,182 m	27	TROY VORTAC
BREEZ FIX	V4 AWY-LO	38.59541 -89.57420	17,000 ft 5,182 m	18	–
ENL VOR	V4 AWY-LO	38.42000 -89.15900	17,000 ft 5,182 m	22	CENTRALIA VORTAC
ZOLLI FIX	V4 AWY-LO	38.32006 -88.86964	17,000 ft 5,182 m	14	–
DAHLL FIX	V4 AWY-LO	38.20474 -88.53930	17,000 ft 5,182 m	17	–
HILTS FIX	V4 AWY-LO	38.12928 -88.32522	17,000 ft 5,182 m	11	–
MAUNI FIX	V4 AWY-LO	38.03360 -88.05588	17,000 ft 5,182 m	13	–
PXV	V4	37.92832	17,000 ft	15	POCKET CITY VORTAC

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
DME	AWY-LO	-87.76238	5,182 m		
DIXEY	V52	37.76112	17,000 ft	12	-
FIX	AWY-LO	-87.60865	5,182 m		
GEPER	V52	37.53467	17,000 ft	16	-
FIX	AWY-LO	-87.40184	5,182 m		
CCT	V52	37.38242	17,000 ft	11	CENTRAL CITY VORTAC
DME	AWY-LO	-87.26370	5,182 m		
BWG	V52	36.92874	17,000 ft	47	BOWLING GREEN VORTAC
DME	AWY-LO	-86.44343	5,182 m		
BARRY	V52	36.83197	17,000 ft	18	-
FIX	AWY-LO	-86.07809	5,182 m		
LVT	V52	36.58450	17,000 ft	46	LIVINGSTON VORTAC
VOR	AWY-LO	-85.16661	5,182 m		
JELLO	V384	36.41016	17,000 ft	19	-
FIX	AWY-LO	-84.83579	5,182 m		
WINNA	V384	36.20014	17,000 ft	22	-
FIX	AWY-LO	-84.44146	5,182 m		
VXV	V384	35.90483	17,000 ft	31	VOLUNTEER VORTAC
VOR	AWY-LO	-83.89472	5,182 m		
AUBRY	V136	35.86420	17,000 ft	14	-
FIX	AWY-LO	-83.59106	5,182 m		
PITTE	V136	35.83553	17,000 ft	10	-
FIX	AWY-LO	-83.38047	5,182 m		
SOT	V136	35.79011	17,000 ft	16	SNOWBIRD VORTAC
VOR	AWY-LO	-83.05236	5,182 m		
MUMMI	V185	35.66350	17,000 ft	14	-
FIX	AWY-LO	-82.79171	5,182 m		
RIGEL	V185	35.61291	17,000 ft	5	-
FIX	AWY-LO	-82.68810	5,182 m		
OZONE	V185	35.56184	17,000 ft	5	-
FIX	AWY-LO	-82.58383	5,182 m		
SUG	V185	35.40651	17,000 ft	18	SUGARLOAF MOUNTAI VORTAC
DME	AWY-LO	-82.26861	5,182 m		
CARTT	V53	35.14430	17,000 ft	19	-
FIX	AWY-LO	-82.02801	5,182 m		
KMMT	-	33.92411	0 ft	95	MC ENTIRE ANGS
APT	-	-80.80007	0 m		

KPDX

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

Elevation: 31 ft / 9 m
Location: 45.588700 -122.598000
Magnetic Var: 14.472 E

METAR

KPDX 190753Z 00000KT 10SM CLR 13/07 A3004 RMK AO2 SLP173 T01330067 402500067

TAF

TAF KPDX 190520Z 1906/2006 29004KT P6SM SKC FM191200 VRB03KT P6SM BKN009 FM191800 29006KT P6SM SKC

Frequencies

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

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	150 ft 46 m	9,810 ft 2,990 m	119.09 104.62	ASPHALT	1,296 ft 395 m	397 ft 121 m
28R	150 ft 46 m	9,810 ft 2,990 m	299.12 284.65	ASPHALT	538 ft 164 m	400 ft 122 m
10R	150 ft 46 m	10,981 ft 3,347 m	119.08 104.60	CONCRETE	0 ft 0 m	397 ft 121 m
28L	150 ft 46 m	10,981 ft 3,347 m	299.10 284.63	CONCRETE	0 ft 0 m	400 ft 122 m
03	150 ft 46 m	5,994 ft 1,827 m	44.92 30.45	ASPHALT	0 ft 0 m	0 ft 0 m
21	150 ft 46 m	5,994 ft 1,827 m	224.94 210.46	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10L	DME	IVDG	111.30 MHz	18 nm 33 km	- -	-	45 ft 45 m
10R	DME	IPDX	110.50 MHz	18 nm 33 km	- -	-	36 ft 36 m
21	DME	IGPO	108.90 MHz	18 nm 33 km	- -	-	33 ft 33 m
28L	DME	IJMJ	110.50 MHz	18 nm 33 km	- -	-	36 ft 36 m
28R	DME	IIAP	111.30 MHz	18 nm 33 km	- -	-	45 ft 45 m
10L	LOC-ILS	IVDG	111.30 MHz	18 nm 33 km	119.12 104.65	-	30 ft 30 m
10R	LOC-ILS	IPDX	110.50 MHz	18 nm 33 km	119.09 104.62	-	30 ft 30 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	IJMJ	110.50 MHz	18 nm 33 km	299.09 284.62	-	30 ft 30 m
28R	LOC-ILS	IIAP	111.30 MHz	18 nm 33 km	299.11 284.64	-	30 ft 30 m
21	LOC-LOC	IGPO	108.90 MHz	18 nm 33 km	224.93 210.46	-	30 ft 30 m
10L	GS	IVDG	111.30 MHz	10 nm 19 km	119.11 104.64	3.00	30 ft 30 m
10R	GS	IPDX	110.50 MHz	10 nm 19 km	119.09 104.62	3.00	30 ft 30 m
28L	GS	IJMJ	110.50 MHz	10 nm 19 km	299.09 284.62	3.00	30 ft 30 m
28R	GS	IIAP	111.30 MHz	10 nm 19 km	299.11 284.64	3.00	30 ft 30 m