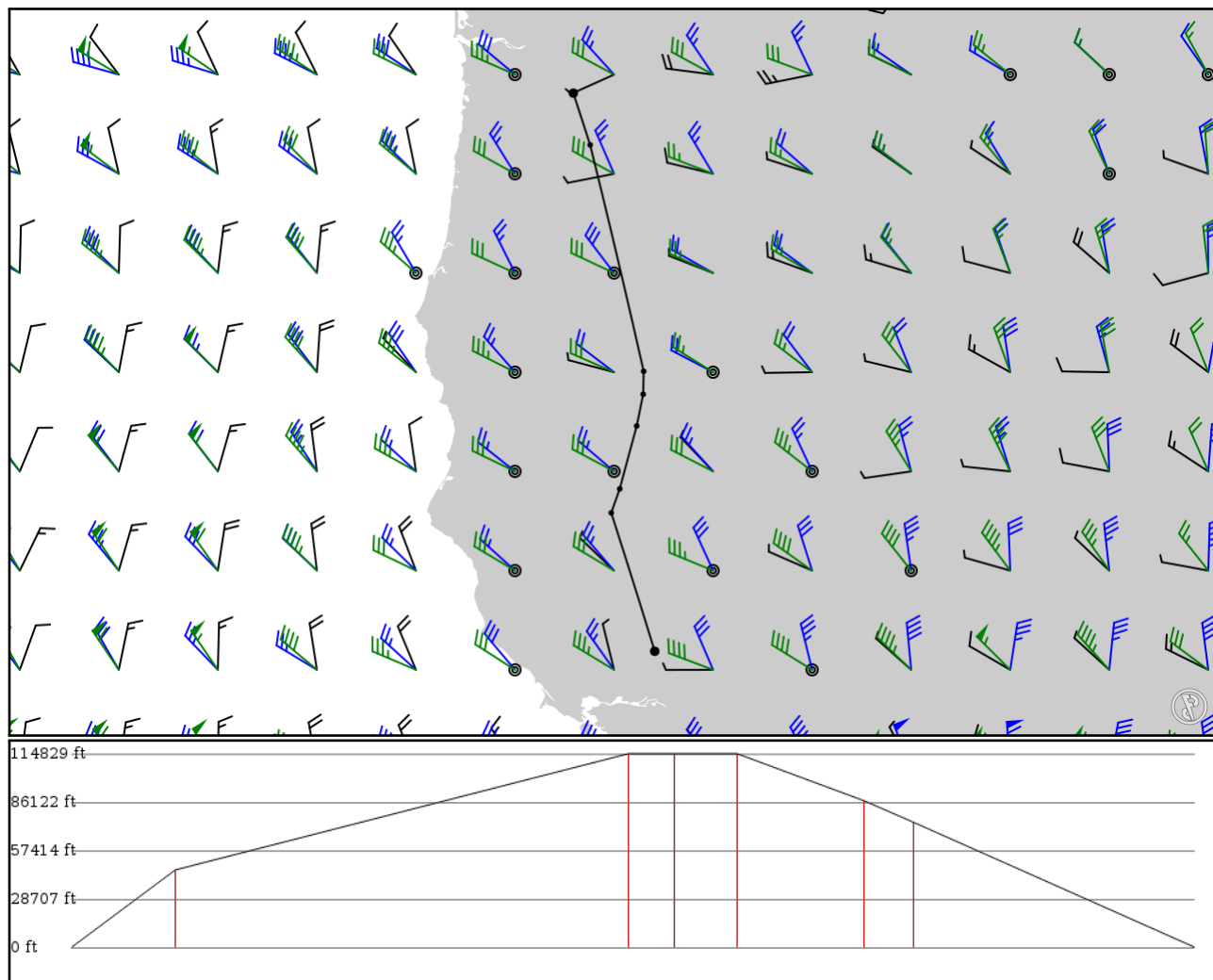


2024/05/02 1524Z

KPDX HRMNS J189 LMT V25 MUREX T261 HOMAN KSMF

422.28 nm / 782.07 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
HRMNS FIX	-	44.94940 -122.39000	14,000 ft 4,267 m	39	-
LMT VOR	J189 AWY-HI	42.15310 -121.72800	35,000 ft 10,668 m	170	KLAMATH FALLS
MUREX FIX	V25 AWY-LO	41.86970 -121.73400	35,000 ft 10,668 m	17	-
CCAPS FIX	T261 AWY-LO	41.47780 -121.81400	35,000 ft 10,668 m	23	-
GARSA FIX	T261 AWY-LO	40.70160 -122.02400	26,500 ft 8,077 m	47	-
HOMAN FIX	T261 AWY-LO	40.40500 -122.12900	22,600 ft 6,888 m	18	-
KSMF APT	-	38.69540 -121.59100	0 ft 0 m	105	Sacramento Intl

KPDX

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

Elevation: 31 ft / 9 m
Location: 45.588700 -122.598000
Magnetic Var: 14.456 E

METAR

KPDX 021453Z 35003KT 10SM FEW009 SCT036 BKN049 BKN250 09/07 A3001 RMK A02 SLP161 60005 T00890067 53010 \$

TAF

TAF AMD KPDX 021508Z 0215/0312 34005KT P6SM FEW030 BKN050 FM030200 16006KT P6SM SCT050

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	104.64		395 m	121 m
28R	150 ft	9,810 ft	299.12	ASPHALT	538 ft	400 ft
	46 m	2,990 m	284.66		164 m	122 m
10R	150 ft	10,981 ft	119.08	CONCRETE	0 ft	397 ft
	46 m	3,347 m	104.62		0 m	121 m
28L	150 ft	10,981 ft	299.10	CONCRETE	0 ft	400 ft
	46 m	3,347 m	284.65		0 m	122 m
03	150 ft	5,994 ft	44.92	ASPHALT	0 ft	0 ft
	46 m	1,827 m	30.47		0 m	0 m
21	150 ft	5,994 ft	224.94	ASPHALT	0 ft	0 ft
	46 m	1,827 m	210.48		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	104.66		30 m
10R	LOC-ILS	IPDX	110.50 MHz	18 nm	119.09	-	30 ft
				33 km	104.63		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	284.63		30 m
28R	LOC-ILS	IIAP	111.30 MHz	18 nm	299.11	-	30 ft
				33 km	284.65		30 m
21	LOC-LOC	IGPO	108.90 MHz	18 nm	224.93	-	30 ft
				33 km	210.47		30 m
10L	GS	IVDG	111.30 MHz	10 nm	119.11	3.00	30 ft
				19 km	104.65		30 m
10R	GS	IPDX	110.50 MHz	10 nm	119.09	3.00	30 ft
				19 km	104.63		30 m
28L	GS	IJMJ	110.50 MHz	10 nm	299.09	3.00	30 ft
				19 km	284.63		30 m
28R	GS	IIAP	111.30 MHz	10 nm	299.11	3.00	30 ft
				19 km	284.65		30 m

KSMF

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

Elevation: 27 ft / 8 m
Location: 38.695400 -121.591000
Magnetic Var: 12.932 E

METAR

KSMF 021453Z 28003KT 10SM SCT250 16/06 A2998 RMK A02 SLP153 T01610056 53014

TAF

TAF KSMF 021120Z 0212/0312 34008KT P6SM SKC FM021600 33014G22KT P6SM FEW250 FM030200 32007KT P6SM SCT250

Frequencies

REC - 126.75 MHz - SACRAMENTO ATIS
GND - 121.70 MHz - CAPITOL GROUND
APP - 125.40 MHz - NORCAL APPROACH
APP - 125.25 MHz - NORCAL APPROACH
CLD - 121.10 MHz - CAPITOL CLEARANCE
TWR - 125.70 MHz - CAPITOL TOWER
APP - 127.40 MHz - NORCAL APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17L	151 ft	8,617 ft	180.76	CONCRETE	0 ft	259 ft
	46 m	2,627 m	167.83		0 m	79 m
35R	151 ft	8,617 ft	0.76	CONCRETE	0 ft	256 ft
	46 m	2,627 m	347.83		0 m	78 m
17R	151 ft	8,613 ft	180.75	CONCRETE	0 ft	154 ft
	46 m	2,625 m	167.82		0 m	47 m
35L	151 ft	8,613 ft	0.75	CONCRETE	0 ft	154 ft
	46 m	2,625 m	347.82		0 m	47 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	LOC-ILS	IMDK	111.75 MHz	18 nm	180.76	-	27 ft
				33 km	167.83		27 m
17R	LOC-ILS	ISMF	111.10 MHz	18 nm	180.75	-	27 ft
				33 km	167.82		27 m
35L	LOC-ILS	IHUX	111.10 MHz	18 nm	0.76	-	27 ft
				33 km	347.83		27 m
17L	GS	IMDK	111.75 MHz	10 nm	180.76	3.00	27 ft
				19 km	167.83		27 m
17R	GS	ISMF	111.10 MHz	10 nm	180.75	3.00	27 ft
				19 km	167.82		27 m
35L	GS	IHUX	111.10 MHz	10 nm	0.75	3.00	27 ft
				19 km	347.82		27 m