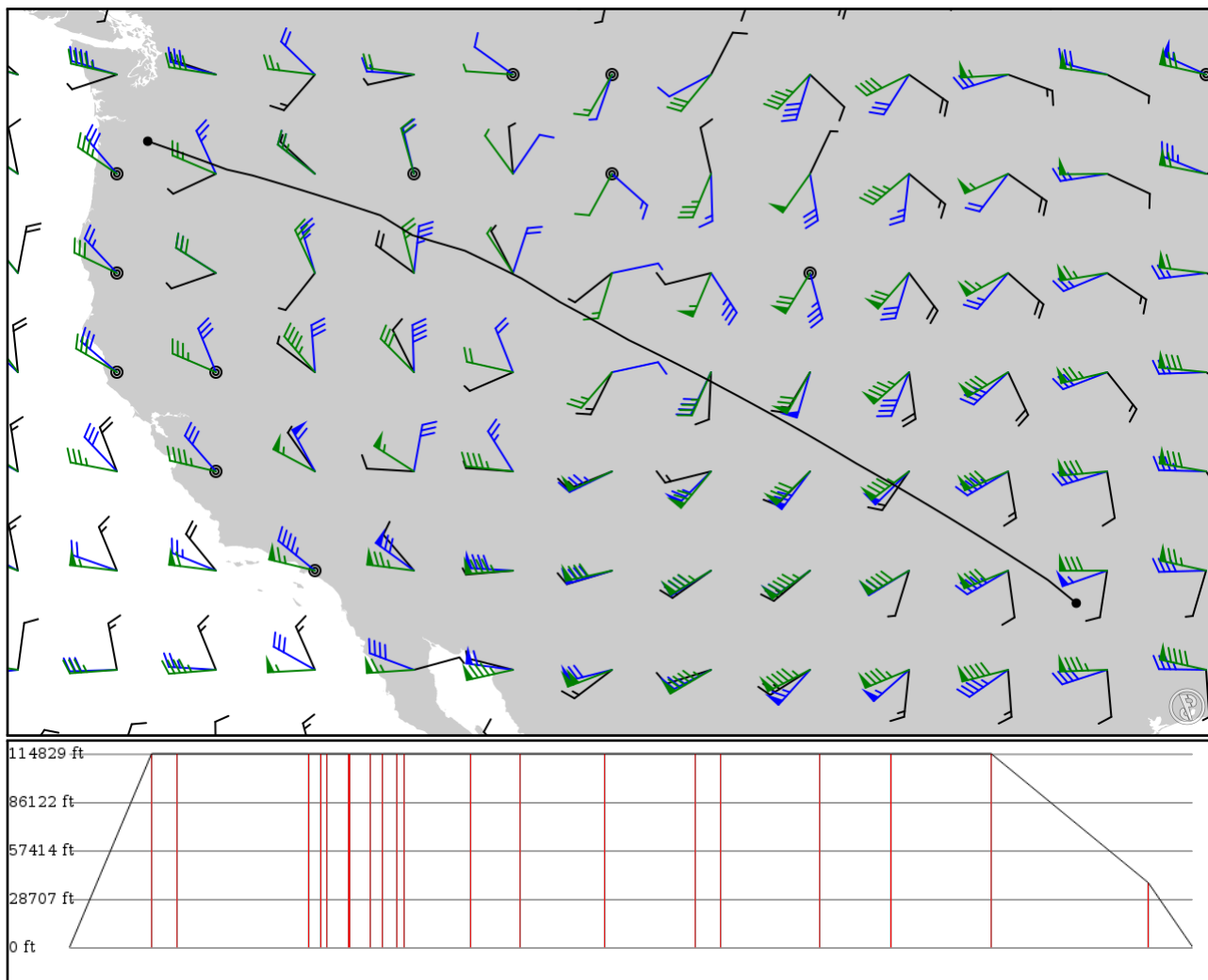


2024/05/07 0223Z

KPDX ROAMS **V500** IMB **J15** BOI **V253** YUWFE **V4** BYI **Q154** UKW KDFW

1406.30 nm / 2604.47 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
KPDY	-	45.58870	0 ft	-	Portland Intl
APT	-	-122.59800	0 m		
ROAMS	-	44.80980	35,000 ft	103	-
FIX	-	-120.41600	10,668 m		
IMB	V500	44.64840	35,000 ft	31	KIMBERLY
VOR	AWY-LO	-119.71200	10,668 m		
BOI	J15	43.55280	35,000 ft	165	BOISE
VOR	AWY-HI	-116.19200	10,668 m		
ATETY	V253	43.39150	35,000 ft	14	-
FIX	AWY-LO	-115.93000	10,668 m		
CANEK	V253	43.31610	35,000 ft	6	-
FIX	AWY-LO	-115.80800	10,668 m		
ALKAL	V253	43.01620	35,000 ft	27	-
FIX	AWY-LO	-115.32800	10,668 m		
YUWFE	V253	43.00790	35,000 ft	0	-
FIX	AWY-LO	-115.31500	10,668 m		
GOODE	V4	42.83970	35,000 ft	26	-
FIX	AWY-LO	-114.75000	10,668 m		
JEROT	V4	42.75100	35,000 ft	14	-
FIX	AWY-LO	-114.44400	10,668 m		
HAZZL	V4	42.64220	35,000 ft	17	-
FIX	AWY-LO	-114.07400	10,668 m		
BYI	V4	42.58020	35,000 ft	9	BURLEY
VOR	AWY-LO	-113.86600	10,668 m		
PIMIE	Q154	41.82190	35,000 ft	82	-
FIX	AWY-HI	-112.31300	10,668 m		
NAGNE	Q154	41.17210	35,000 ft	61	-
FIX	AWY-HI	-111.25300	10,668 m		
BONGO	Q154	40.12530	35,000 ft	106	-
FIX	AWY-HI	-109.35600	10,668 m		
PITMN	Q154	39.10070	35,000 ft	112	-
FIX	AWY-HI	-107.30900	10,668 m		
TAYLR	Q154	38.79340	35,000 ft	32	-
FIX	AWY-HI	-106.73400	10,668 m		
GOSIP	Q154	37.62070	35,000 ft	123	-
FIX	AWY-HI	-104.59700	10,668 m		
KENTO	Q154	36.73860	35,000 ft	89	-
FIX	AWY-HI	-103.09900	10,668 m		
NOSEW	Q154	35.51890	35,000 ft	125	-
FIX	AWY-HI	-100.99400	10,668 m		
UKW	Q154	33.53590	11,700 ft	197	BOWIE
VOR	AWY-HI	-97.82130	3,566 m		
KDFW	-	32.89720	0 ft	54	Dallas Fort Worth Intl
APT	-	-97.03770	0 m		

KPDX

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

Elevation: 31 ft / 9 m
Location: 45.588700 -122.598000
Magnetic Var: 14.455 E

METAR

KPDX 070153Z 28011KT 10SM FEW040 BKN055 BKN090 13/03 A3002 RMK A02 SLP167 TCU DSNT NW T01280033 \$

TAF

KPDX 062322Z 0700/0724 27010G20KT P6SM VCSH BKN060 FM070500 26006KT P6SM VCSH BKN040 FM071200 23005KT P6SM SCT025

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	104.67		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

KDFW

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 7

Elevation: 604 ft / 184 m
Location: 32.897200 -97.037700
Magnetic Var: 2.732 E

METAR

KDFW 070153Z 17016G26KT 10SM FEW037 SCT065 27/22 A2961 RMK AO2 PK WND 17029/0138 SLP019 T02670222

TAF

TAF KDFW 062320Z 0700/0806 18017G27KT P6SM SCT028 BKN060 FM070700 20016G26KT P6SM BKN015 FM071300 25011KT P6SM BK

Frequencies

REC - 123.77 MHz - ATIS ARRIVAL
COM - 122.95 MHz - UNICOM
GND - 121.65 MHz - RGNL GND EAST 1
GND - 121.85 MHz - RGNL GND WEST
TWR - 127.50 MHz - RGNL TWR EAST 2
TWR - 124.15 MHz - RGNL TWR WEST 2
APP - 133.52 MHz - RGNL APP EAST 3
APP - 119.87 MHz - RGNL APP WEST 2
DEP - 124.82 MHz - RGNL DEP NORTH 1
DEP - 126.47 MHz - RGNL DEP WEST 1

REC - 135.92 MHz - ATIS DEPARTURE
CLD - 128.25 MHz - CLNC DEL
GND - 121.80 MHz - RGNL GND EAST 2
TWR - 126.55 MHz - RGNL TWR EAST 1
TWR - 134.90 MHz - RGNL TWR WEST 1
APP - 125.02 MHz - RGNL APP EAST 1
APP - 133.62 MHz - RGNL APP WEST 1
DEP - 118.55 MHz - RGNL DEP EAST 1
DEP - 125.12 MHz - RGNL DEP SOUTH 1

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17C	151 ft	13,440 ft	180.26	CONCRETE	0 ft	413 ft
	46 m	4,097 m	177.53		0 m	126 m
35C	151 ft	13,440 ft	0.26	CONCRETE	0 ft	299 ft
	46 m	4,097 m	357.53		0 m	91 m
17L	151 ft	8,523 ft	180.25	CONCRETE	0 ft	400 ft
	46 m	2,598 m	177.52		0 m	122 m
35R	151 ft	8,523 ft	0.25	CONCRETE	0 ft	407 ft
	46 m	2,598 m	357.52		0 m	124 m
18R	151 ft	13,439 ft	180.25	CONCRETE	0 ft	404 ft
	46 m	4,096 m	177.52		0 m	123 m
36L	151 ft	13,439 ft	0.25	CONCRETE	0 ft	299 ft
	46 m	4,096 m	357.52		0 m	91 m
17R	200 ft	13,439 ft	180.26	CONCRETE	0 ft	400 ft
	61 m	4,096 m	177.53		0 m	122 m
35L	200 ft	13,439 ft	0.26	CONCRETE	0 ft	400 ft
	61 m	4,096 m	357.53		0 m	122 m
18L	200 ft	13,439 ft	180.25	CONCRETE	0 ft	404 ft
	61 m	4,096 m	177.52		0 m	123 m
36R	200 ft	13,439 ft	0.25	CONCRETE	0 ft	394 ft
	61 m	4,096 m	357.52		0 m	120 m
13R	151 ft	9,309 ft	139.18	CONCRETE	0 ft	397 ft
	46 m	2,837 m	136.45		0 m	121 m
31L	151 ft	9,309 ft	319.19	CONCRETE	0 ft	400 ft
	46 m	2,837 m	316.46		0 m	122 m
13L	200 ft	9,010 ft	135.41	CONCRETE	630 ft	299 ft
	61 m	2,746 m	132.68		192 m	91 m
31R	200 ft	9,010 ft	315.42	CONCRETE	0 ft	299 ft
	61 m	2,746 m	312.69		0 m	91 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13R	DME	ILWN	109.50 MHz	18 nm	-	-	590 ft
				33 km	-		590 m
17C	DME	IFLQ	110.30 MHz	18 nm	-	-	575 ft
				33 km	-		575 m
17L	DME	IPPZ	111.75 MHz	18 nm	-	-	603 ft
				33 km	-		603 m
17R	DME	IJHZ	111.35 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
18L	DME	ICIX	110.55 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
18R	DME	IVYN	111.90 MHz	18 nm	-	-	584 ft
				33 km	-		584 m
31R	DME	IRRA	110.90 MHz	18 nm	-	-	548 ft
				33 km	-		548 m
35C	DME	IPKQ	110.30 MHz	18 nm	-	-	603 ft
				33 km	-		603 m
35L	DME	IUWX	111.35 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
35R	DME	IAJQ	111.75 MHz	18 nm	-	-	603 ft
				33 km	-		603 m
36L	DME	IBXN	111.90 MHz	18 nm	-	-	584 ft
				33 km	-		584 m
36R	DME	IFJN	110.55 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
13R	LOC-ILS	ILWN	109.50 MHz	18 nm	139.19	-	577 ft
				33 km	136.45		577 m
17C	LOC-ILS	IFLQ	110.30 MHz	18 nm	180.26	-	563 ft
				33 km	177.53		563 m
17L	LOC-ILS	IPPZ	111.75 MHz	18 nm	180.27	-	570 ft
				33 km	177.54		570 m
17R	LOC-ILS	IJHZ	111.35 MHz	18 nm	180.26	-	558 ft
				33 km	177.53		558 m
18L	LOC-ILS	ICIX	110.55 MHz	18 nm	180.25	-	570 ft
				33 km	177.52		570 m
18R	LOC-ILS	IVYN	111.90 MHz	18 nm	180.25	-	580 ft
				33 km	177.52		580 m
31R	LOC-ILS	IRRA	110.90 MHz	18 nm	315.40	-	552 ft
				33 km	312.67		552 m
35C	LOC-ILS	IPKQ	110.30 MHz	18 nm	0.26	-	558 ft
				33 km	357.53		558 m
35L	LOC-ILS	IUWX	111.35 MHz	18 nm	0.26	-	607 ft
				33 km	357.53		607 m
35R	LOC-ILS	IAJQ	111.75 MHz	18 nm	0.27	-	607 ft
				33 km	357.54		607 m
36L	LOC-ILS	IBXN	111.90 MHz	18 nm	0.25	-	598 ft
				33 km	357.52		598 m
36R	LOC-ILS	IFJN	110.55 MHz	18 nm	0.25	-	595 ft
				33 km	357.52		595 m
13R	GS	ILWN	109.50 MHz	10 nm	139.37	3.00	589 ft
				19 km	136.64		589 m
17C	GS	IFLQ	110.30 MHz	10 nm	180.53	3.00	562 ft
				19 km	177.80		562 m
17L	GS	IPPZ	111.75 MHz	10 nm	180.54	3.00	532 ft
				19 km	177.80		532 m
17R	GS	IJHZ	111.35 MHz	10 nm	180.52	3.00	567 ft
				19 km	177.79		567 m
18L	GS	ICIX	110.55 MHz	10 nm	180.49	3.00	594 ft
				19 km	177.76		594 m
18R	GS	IVYN	111.90 MHz	10 nm	180.50	3.00	601 ft
				19 km	177.76		601 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				19 km	177.77		601 m
31R	GS	IRRA	110.90 MHz	10 nm	315.80	3.00	513 ft
				19 km	313.07		513 m
35C	GS	IPKQ	110.30 MHz	10 nm	0.52	3.00	563 ft
				19 km	357.79		563 m
35L	GS	IUWX	111.35 MHz	10 nm	0.52	3.00	564 ft
				19 km	357.79		564 m
35R	GS	IAJQ	111.75 MHz	10 nm	0.54	3.00	565 ft
				19 km	357.80		565 m
36L	GS	IBXN	111.90 MHz	10 nm	0.50	3.00	584 ft
				19 km	357.77		584 m
36R	GS	IFJN	110.55 MHz	10 nm	0.49	3.00	577 ft
				19 km	357.76		577 m