

# KPDX

Portland Intl

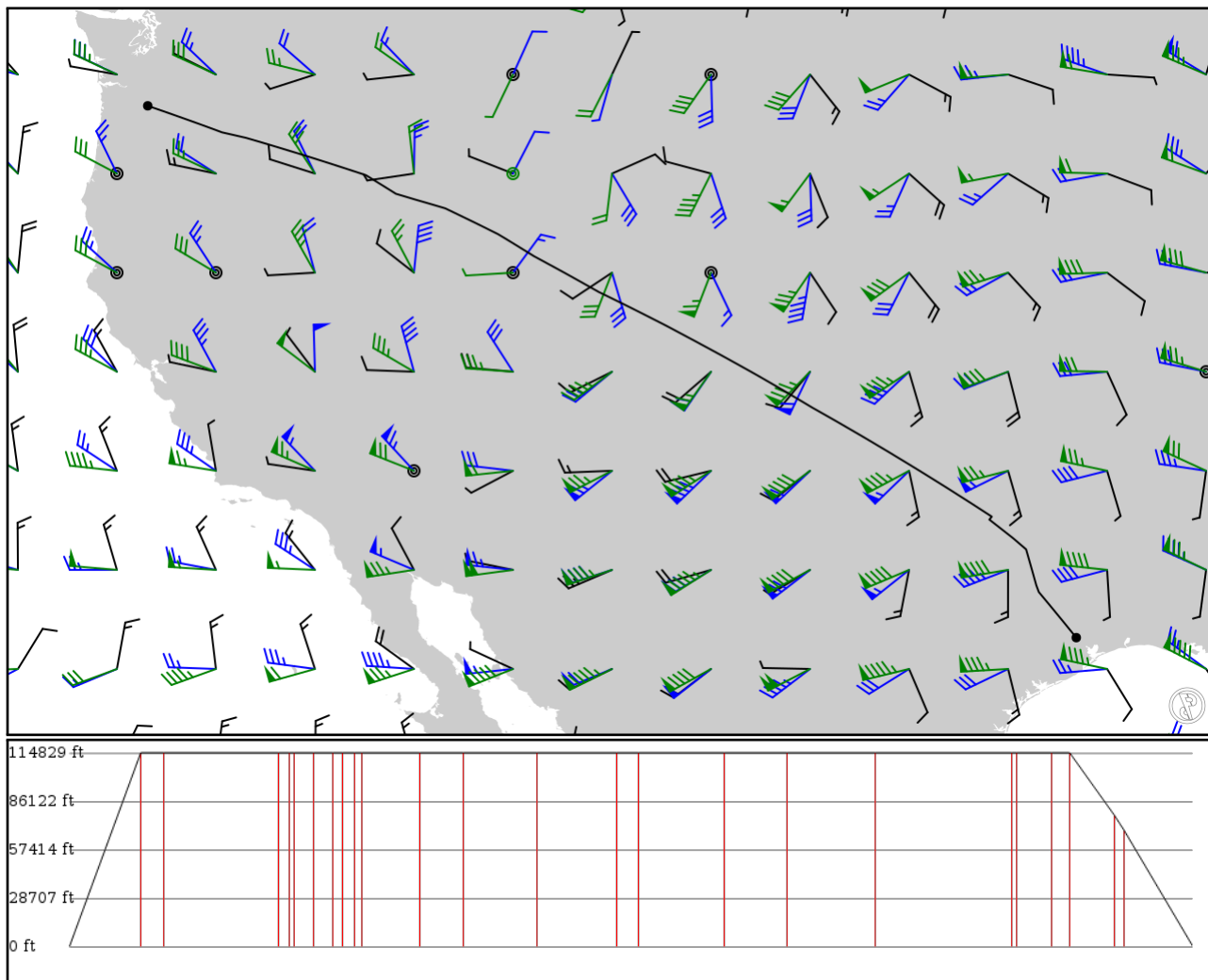
# KIAH

George Bush Intercontinental

2024/05/22 0413Z

KPDX ROAMS **V500** IMB **J15** BOI **V253** YUWFE **V4** BYI **Q154** UKW BATIK **J58** FUZ **J33** TANBE **J87** HOOTZ KIAH

1609.24 nm / 2980.31 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	-	45.58860	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	35,000 ft	197	BOWIE
VOR	AWY-HI	-97.82130	10,668 m		
BATIK	-	33.44910	35,000 ft	6	-
FIX	-	-97.89320	10,668 m		
FUZ	J58	32.88950	35,000 ft	49	RANGER (DALLAS-FORT WORTH)
VOR	AWY-HI	-97.17940	10,668 m		
TANBE	J33	32.57490	35,000 ft	26	-
FIX	AWY-HI	-96.81330	10,668 m		
CHMPZ	J87	32.56580	35,000 ft	0	-
FIX	AWY-HI	-96.81060	10,668 m		
TORNN	J87	31.52040	23,700 ft	64	-
FIX	AWY-HI	-96.51470	7,224 m		
HOOTZ	J87	31.32290	21,000 ft	12	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-96.44070	6,401 m		
KIAH	-	29.98540	0 ft	98	George Bush Intercontinental
APT	-	-95.34120	0 m		

## KPDX

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 3

Elevation: 31 ft / 9 m  
Location: 45.588700 -122.598000  
Magnetic Var: 14.449 E

## METAR

KPDX 220353Z 21006KT 10SM FEW013 BKN036 OVC050 13/11 A2998 RMK A02 RAE17 SLP152 P0000 T01330106 \$

## TAF

KPDX 220249Z 2203/2224 20009KT 4SM -RA BR BKN015 OVC050 FM220900 27012KT P6SM SCT025 OVC050

## 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	284.65		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	210.49		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	104.67		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

## KIAH

Region: UNITED STATES  
Timezone: AMERICA/CHICAGO  
Runways: 5

Elevation: 98 ft / 30 m  
Location: 29.985400 -95.341200  
Magnetic Var: 1.726 E

## METAR

KIAH 220353Z 16012KT 8SM BKN014 BKN022 BKN034 27/24 A2986 RMK A02 SLP109 T02720244

## TAF

TAF AMD KIAH 220256Z 2203/2306 14013KT P6SM BKN014 BKN025 FM221500 15009KT P6SM SCT012 BKN025 FM221800 16012KT P6SM

## Frequencies

REC - 124.05 MHz - D-ATIS	REC - 122.95 MHz - UNICOM
CLD - 128.10 MHz - CLEARANCE DELIVERY	GND - 119.95 MHz - HOUSTON GROUND
GND - 121.70 MHz - HOUSTON GROUND	GND - 118.57 MHz - HOUSTON GROUND
TWR - 120.72 MHz - HOUSTON TOWER	TWR - 125.35 MHz - HOUSTON TOWER
TWR - 135.15 MHz - HOUSTON TOWER	TWR - 127.30 MHz - HOUSTON TOWER
APP - 120.05 MHz - HOUSTON APPROACH	APP - 124.35 MHz - HOUSTON APPROACH
DEP - 126.67 MHz - HOUSTON DEPARTURE	DEP - 132.25 MHz - HOUSTON DEPARTURE
DEP - 133.60 MHz - HOUSTON DEPARTURE	DEP - 127.12 MHz - HOUSTON DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	151 ft	10,010 ft	152.07	CONCRETE	0 ft	407 ft
	46 m	3,051 m	150.35		0 m	124 m
33L	151 ft	10,010 ft	332.08	CONCRETE	0 ft	407 ft
	46 m	3,051 m	330.35		0 m	124 m
15L	151 ft	12,013 ft	152.08	CONCRETE	0 ft	413 ft
	46 m	3,662 m	150.35		0 m	126 m
33R	151 ft	12,013 ft	332.09	CONCRETE	0 ft	413 ft
	46 m	3,662 m	330.36		0 m	126 m
08L	151 ft	9,008 ft	89.94	CONCRETE	0 ft	387 ft
	46 m	2,746 m	88.22		0 m	118 m
26R	151 ft	9,008 ft	269.96	CONCRETE	0 ft	387 ft
	46 m	2,746 m	268.23		0 m	118 m
08R	151 ft	9,412 ft	89.96	CONCRETE	0 ft	384 ft
	46 m	2,869 m	88.23		0 m	117 m
26L	151 ft	9,412 ft	269.97	CONCRETE	0 ft	384 ft
	46 m	2,869 m	268.24		0 m	117 m
09	151 ft	10,009 ft	89.95	CONCRETE	0 ft	387 ft
	46 m	3,051 m	88.23		0 m	118 m
27	151 ft	10,009 ft	269.97	CONCRETE	0 ft	387 ft
	46 m	3,051 m	268.24		0 m	118 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IBZU	111.55 MHz	18 nm	-	-	90 ft
				33 km	-		90 m
08R	DME	IIAH	109.70 MHz	18 nm	-	-	109 ft
				33 km	-		109 m
09	DME	IUYO	110.90 MHz	18 nm	-	-	100 ft
				33 km	-		100 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	DME	IJYV	109.70 MHz	18 nm 33 km	- -	-	109 ft 109 m
26R	DME	IOND	111.55 MHz	18 nm 33 km	- -	-	84 ft 84 m
27	DME	IGHI	110.90 MHz	18 nm 33 km	- -	-	100 ft 100 m
08L	LOC-ILS	IBZU	111.55 MHz	18 nm 33 km	89.95 88.22	-	98 ft 98 m
08R	LOC-ILS	IIAH	109.70 MHz	18 nm 33 km	89.96 88.23	-	98 ft 98 m
09	LOC-ILS	IUYO	110.90 MHz	18 nm 33 km	89.96 88.23	-	98 ft 98 m
15R	LOC-ILS	ILKM	111.15 MHz	18 nm 33 km	152.08 150.35	-	98 ft 98 m
26L	LOC-ILS	IJYV	109.70 MHz	18 nm 33 km	269.96 268.23	-	98 ft 98 m
26R	LOC-ILS	IOND	111.55 MHz	18 nm 33 km	269.95 268.22	-	98 ft 98 m
27	LOC-ILS	IGHI	110.90 MHz	18 nm 33 km	269.96 268.23	-	98 ft 98 m
33R	LOC-ILS	ICDG	111.90 MHz	18 nm 33 km	332.09 330.36	-	98 ft 98 m
08L	GS	IBZU	111.55 MHz	10 nm 19 km	89.95 88.22	3.00	98 ft 98 m
08R	GS	IIAH	109.70 MHz	10 nm 19 km	89.96 88.23	3.00	98 ft 98 m
09	GS	IUYO	110.90 MHz	10 nm 19 km	89.96 88.23	3.00	98 ft 98 m
15R	GS	ILKM	111.15 MHz	10 nm 19 km	152.08 150.35	3.00	98 ft 98 m
26L	GS	IJYV	109.70 MHz	10 nm 19 km	269.96 268.23	3.00	98 ft 98 m
26R	GS	IOND	111.55 MHz	10 nm 19 km	269.95 268.22	3.00	98 ft 98 m
27	GS	IGHI	110.90 MHz	10 nm 19 km	269.96 268.23	3.00	98 ft 98 m
33R	GS	ICDG	111.90 MHz	10 nm 19 km	332.09 330.36	3.00	98 ft 98 m