

KPHX

Phoenix Sky Harbor Intl

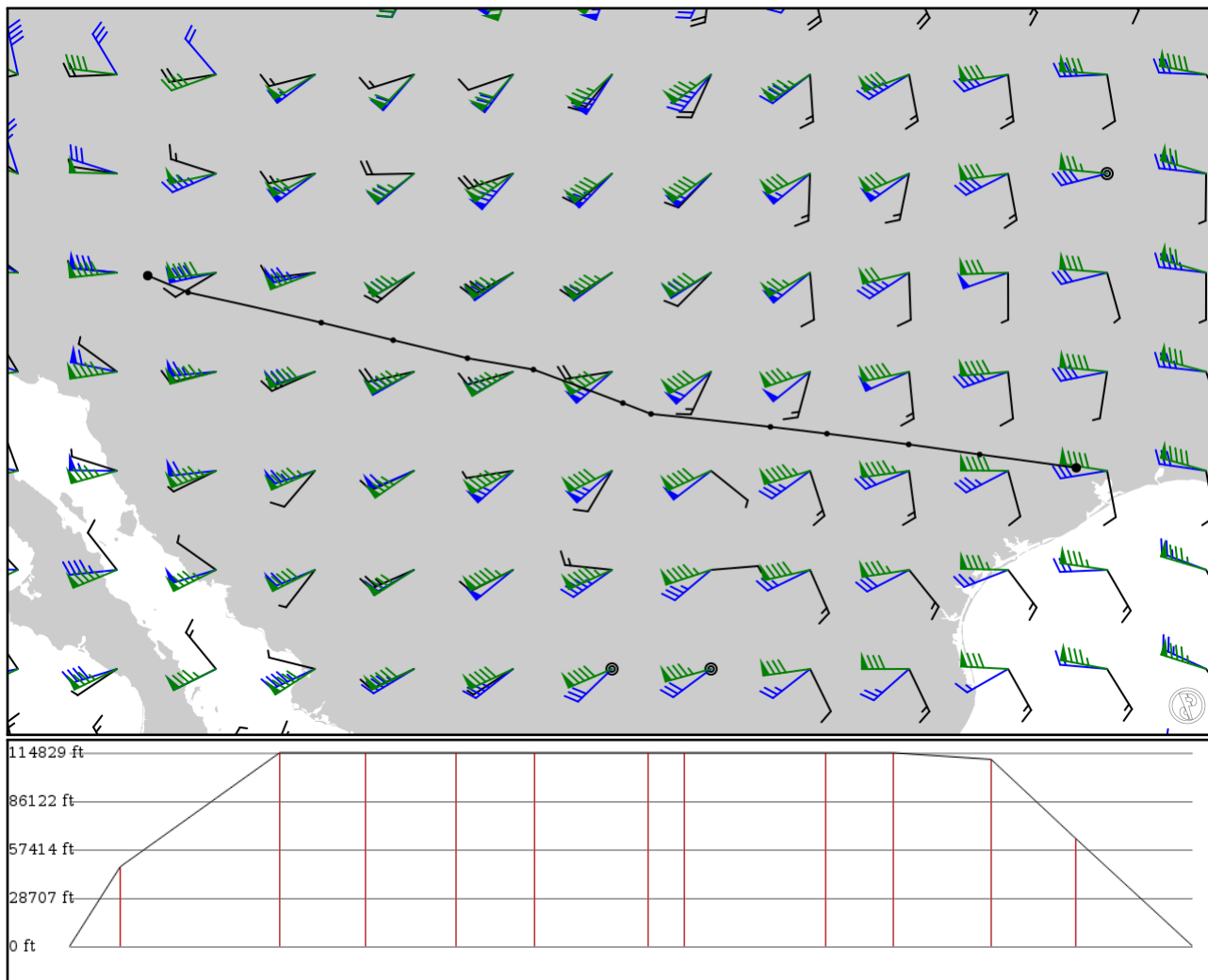
KIAH

George Bush Intercontinental

2024/05/03 0150Z

KPHX SATRN J184 EWM V94 SFL V222 FST J2 JCT J86 PUFER KIAH

883.64 nm / 1636.50 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
KPHX APT	-	33.43360 -112.01200	0 ft 0 m	-	Phoenix Sky Harbor Intl
SATRN FIX	-	33.13270 -111.28800	14,400 ft 4,389 m	40	-
WOBUG FIX	J184 AWY-HI	32.59000 -108.89600	35,000 ft 10,668 m	124	-
DMN VOR	J184 AWY-HI	32.27560 -107.60500	35,000 ft 10,668 m	68	DEMING
EWM VOR	J184 AWY-HI	31.95180 -106.27200	35,000 ft 10,668 m	70	NEWMAN
SFL VOR	V94 AWY-LO	31.74810 -105.08700	35,000 ft 10,668 m	61	SALT FLAT
HOBAN FIX	V222 AWY-LO	31.14720 -103.48100	35,000 ft 10,668 m	89	-
FST VOR	V222 AWY-LO	30.95210 -102.97600	35,000 ft 10,668 m	28	FORT STOCKTON
KEMPL FIX	J2 AWY-HI	30.72030 -100.83200	35,000 ft 10,668 m	111	-
JCT VOR	J2 AWY-HI	30.59800 -99.81750	35,000 ft 10,668 m	52	JUNCTION
SPURS FIX	J86 AWY-HI	30.40530 -98.34960	33,800 ft 10,302 m	76	-
PUFER FIX	J86 AWY-HI	30.22400 -97.07560	19,500 ft 5,944 m	66	-
KIAH APT	-	29.98540 -95.34120	0 ft 0 m	91	George Bush Intercontinental

KPHX

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

Elevation: 1,135 ft / 346 m
Location: 33.433600 -112.012000
Magnetic Var: 9.722 E

METAR

KPHX 030051Z 00000KT 10SM FEW110 32/01 A2970 RMK AO2 SLP041 T03220011

TAF

KPHX 022331Z 0300/0406 26008KT P6SM FEW070 FM031000 10005KT P6SM SKC FM031700 17005KT P6SM SKC FM032200 23008KT P

Frequencies

REC - 127.57 MHz - ATIS	CLD - 118.10 MHz - CLEARANCE DELIVERY
GND - 119.75 MHz - GROUND NORTH	GND - 132.55 MHz - GROUND SOUTH
TWR - 118.70 MHz - TOWER NORTH	TWR - 120.90 MHz - TOWER SOUTH
APP - 128.65 MHz - PHOENIX APPROACH	APP - 120.70 MHz - PHOENIX APPROACH
DEP - 124.10 MHz - PHOENIX APPROACH	DEP - 126.80 MHz - PHOENIX DEPARTURE
DEP - 124.90 MHz - PHOENIX DEPARTURE	DEP - 123.70 MHz - PHOENIX DEPARTURE
DEP - 119.20 MHz - PHOENIX DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	151 ft	11,500 ft	90.06	CONCRETE	912 ft	0 ft
	46 m	3,505 m	80.34		278 m	0 m
26	151 ft	11,500 ft	270.08	CONCRETE	0 ft	0 ft
	46 m	3,505 m	260.36		0 m	0 m
07L	151 ft	10,308 ft	90.04	CONCRETE	0 ft	0 ft
	46 m	3,142 m	80.31		0 m	0 m
25R	151 ft	10,308 ft	270.06	CONCRETE	0 ft	0 ft
	46 m	3,142 m	260.33		0 m	0 m
07R	151 ft	7,806 ft	90.04	CONCRETE	0 ft	0 ft
	46 m	2,379 m	80.31		0 m	0 m
25L	151 ft	7,806 ft	270.05	CONCRETE	0 ft	0 ft
	46 m	2,379 m	260.33		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IPHX	111.50 MHz	18 nm	-	-	1,142 ft
				33 km	-		1,142 m
07R	DME	IAHA	110.75 MHz	18 nm	-	-	1,135 ft
				33 km	-		1,135 m
08	DME	ISYQ	111.75 MHz	18 nm	-	-	1,149 ft
				33 km	-		1,149 m
25L	DME	IRJG	110.75 MHz	18 nm	-	-	1,135 ft
				33 km	-		1,135 m
26	DME	CWJ	111.75 MHz	18 nm	-	-	1,119 ft
				33 km	-		1,119 m
07L	LOC-ILS	IPHX	111.50 MHz	18 nm	90.05	-	1,135 ft
				33 km	80.33		1,135 m
07R	LOC-ILS	IAHA	110.75 MHz	18 nm	90.04	-	1,135 ft
				33 km	80.32		1,135 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	LOC-ILS	ISYQ	111.75 MHz	18 nm	90.07	-	1,135 ft
				33 km	80.35		1,135 m
25L	LOC-ILS	IRJG	110.75 MHz	18 nm	270.04	-	1,135 ft
				33 km	260.32		1,135 m
26	LOC-ILS	ICWJ	111.75 MHz	18 nm	270.07	-	1,135 ft
				33 km	260.35		1,135 m
07L	GS	IPHX	111.50 MHz	10 nm	90.05	3.01	1,135 ft
				19 km	80.33		1,135 m
07R	GS	IAHA	110.75 MHz	10 nm	90.04	3.01	1,135 ft
				19 km	80.32		1,135 m
08	GS	ISYQ	111.75 MHz	10 nm	90.70	3.01	1,135 ft
				19 km	80.98		1,135 m
25L	GS	IRJG	110.75 MHz	10 nm	270.04	3.00	1,135 ft
				19 km	260.32		1,135 m
26	GS	ICWJ	111.75 MHz	10 nm	270.70	3.00	1,135 ft
				19 km	260.98		1,135 m

KIAH

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

Elevation: 98 ft / 30 m
Location: 29.985400 -95.341200
Magnetic Var: 1.732 E

METAR

KIAH 030053Z 12012KT 10SM FEW250 24/21 A2977 RMK AO2 SLP081 T02440211

TAF

KIAH 022341Z 0300/0406 15014KT P6SM FEW250 FM030200 15010KT P6SM BKN025 FM030900 11004KT P6SM VCSH BKN015 FM031600

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	150.34		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	150.34		0 m	126 m
33R	151 ft	12,013 ft	332.09	CONCRETE	0 ft	413 ft
	46 m	3,662 m	330.35		0 m	126 m
08L	151 ft	9,008 ft	89.94	CONCRETE	0 ft	387 ft
	46 m	2,746 m	88.21		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	88.22		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	88.22		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