

PHNL

Honolulu Intl

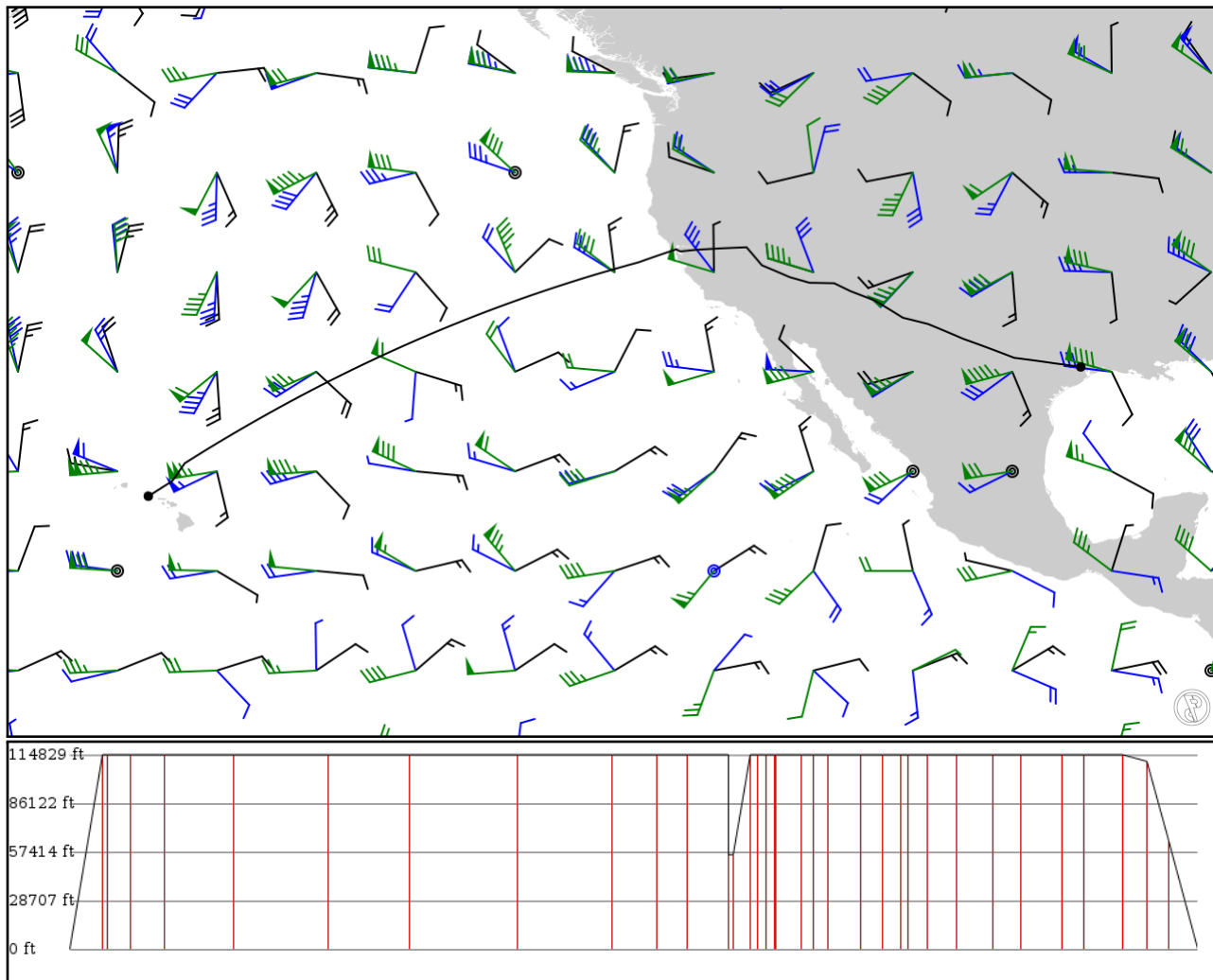
KIAH

Houston George Bush Int

2024/05/06 1718Z

PHNL CKH99 **R464** BEBOP **C1173I** SAU **V150** COMMO **V107** OAK **J58** OAL **J92** BLD **J72** BAVPE **J86** INW **J108** INK
J15 JCT **J86** PUFER KIAH

3572.30 nm / 6615.90 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

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
PHNL	-	21.31938	0 ft	-	Honolulu Intl
APT	-	-157.92128	0 m		
CKH99	-	22.31667	35,000 ft	106	-
FIX	-	-156.34166	10,668 m		
00MKK	R464	22.52806	35,000 ft	15	-
FIX	AWY-HI	-156.17096	10,668 m		
BITTA	R464	23.52803	35,000 ft	71	-
FIX	AWY-HI	-155.47884	10,668 m		
BRADR	R464	24.54333	35,000 ft	108	-
FIX	AWY-HI	-153.84833	10,668 m		
BANDY	R464	26.53025	35,000 ft	219	-
FIX	AWY-HI	-150.45589	10,668 m		
BEATS	R464	29.11347	35,000 ft	299	-
FIX	AWY-HI	-145.62169	10,668 m		
BILLO	R464	31.17833	35,000 ft	256	-
FIX	AWY-HI	-141.29000	10,668 m		
BAKON	R464	33.69886	35,000 ft	342	-
FIX	AWY-HI	-135.22194	10,668 m		
BLUFF	R464	35.64387	35,000 ft	299	-
FIX	AWY-HI	-129.63569	10,668 m		
BAART	R464	36.46194	35,000 ft	140	-
FIX	AWY-HI	-126.93333	10,668 m		
BEBOP	R464	36.99994	35,000 ft	98	-
FIX	AWY-HI	-125.00116	10,668 m		
SAU	C1173I	37.85533	35,000 ft	128	SAUSALITO VORTAC
VOR	AWY-HI	-122.52275	10,668 m		
COMMO	V150	37.87422	17,000 ft	1	-
FIX	AWY-LO	-122.49204	5,182 m		
OAK	V107	37.72592	17,000 ft	15	OAKLAND VORTAC
VOR	AWY-LO	-122.22358	5,182 m		
ECA	J58	37.83361	35,000 ft	50	MANTECA VOR-DME
VOR	AWY-HI	-121.17139	10,668 m		
DUGLE	J58	37.86499	35,000 ft	23	-
FIX	AWY-HI	-120.66789	10,668 m		
DUCKE	J58	37.89768	35,000 ft	26	-
FIX	AWY-HI	-120.10103	10,668 m		
JOFAV	J58	37.92873	35,000 ft	27	-
FIX	AWY-HI	-119.51265	10,668 m		
TIOGA	J58	37.93295	35,000 ft	4	-
FIX	AWY-HI	-119.42802	10,668 m		
OAL	J58	38.00325	35,000 ft	78	COALDALE VORTAC
VOR	AWY-HI	-117.77044	10,668 m		
LIDAT	J92	37.43019	35,000 ft	41	-
FIX	AWY-HI	-117.27806	10,668 m		
BTY	J92	36.80058	35,000 ft	45	BEATTY VORTAC
VOR	AWY-HI	-116.74764	10,668 m		
BLD	J92	35.99579	35,000 ft	103	BOULDER CITY VORTAC
DME	AWY-HI	-114.86358	10,668 m		
PGS	J72	35.62471	35,000 ft	68	PEACH SPRINGS VORTAC
DME	AWY-HI	-113.54447	10,668 m		
CUTRO	J72	35.60472	35,000 ft	56	-
FIX	AWY-HI	-112.38333	10,668 m		
MOSBI	J72	35.59294	35,000 ft	23	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-111.89519	10,668 m		
BAVPE	J72	35.58950	35,000 ft	0	-
FIX	AWY-HI	-111.88044	10,668 m		
INW	J86	35.06161	35,000 ft	61	WINSLOW VORTAC
VOR	AWY-HI	-110.79503	10,668 m		
SJN	J108	34.42406	35,000 ft	90	ST JOHNS VORTAC
VOR	AWY-HI	-109.14353	10,668 m		
TCS	J108	33.28250	35,000 ft	115	TRUTH OR CONSEQ VORTAC
DME	AWY-HI	-107.28055	10,668 m		
GINGR	J108	32.86147	35,000 ft	88	-
FIX	AWY-HI	-105.58819	10,668 m		
INK	J108	31.87475	35,000 ft	132	WINK VORTAC
VOR	AWY-HI	-103.24378	10,668 m		
LOWGO	J15	31.43402	35,000 ft	67	-
FIX	AWY-HI	-102.02217	10,668 m		
JCT	J15	30.59803	35,000 ft	124	JUNCTION VORTAC
VOR	AWY-HI	-99.81747	10,668 m		
SPURS	J86	30.40529	33,800 ft	76	-
FIX	AWY-HI	-98.34960	10,302 m		
PUFER	J86	30.22402	19,500 ft	66	-
FIX	AWY-HI	-97.07558	5,944 m		
KIAH	-	29.98544	0 ft	91	Houston George Bush Int
APT	-	-95.34119	0 m		

PHNL

Region: USA (HAWAII)
Timezone: PACIFIC/HONOLULU
Runways: 4

Elevation: 13 ft / 4 m
Location: 21.319400 -157.921000
Magnetic Var: 9.259 E

METAR

PHNL 061653Z 04006KT 10SM FEW028 FEW050 23/17 A3006

TAF

PHNL 061501Z 0615/0718 07012KT P6SM VCSH FEW025 SCT035 FM062000 06016G25KT P6SM SCT030 SCT050 FM070600 05010KT P6

Frequencies

REC - 127.90 MHz - ATIS	TWR - 118.10 MHz - HONOLULU TOWER
TWR - 123.90 MHz - HONOLULU TOWER	GND - 121.90 MHz - HONOLULU GROUND
CLD - 121.40 MHz - CLEARANCE DELIVERY	APP - 118.30 MHz - HCF APPROACH
DEP - 124.80 MHz - HCF DEPARTURE	DEP - 124.80 MHz - HCF DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	150 ft	6,961 ft	52.84	ASPHALT	0 ft	0 ft
	46 m	2,122 m	43.58		0 m	0 m
22R	150 ft	6,961 ft	232.85	ASPHALT	0 ft	0 ft
	46 m	2,122 m	223.59		0 m	0 m
04R	150 ft	9,010 ft	52.85	ASPHALT	0 ft	194 ft
	46 m	2,746 m	43.59		0 m	59 m
22L	150 ft	9,010 ft	232.86	ASPHALT	0 ft	197 ft
	46 m	2,746 m	223.60		0 m	60 m
08R	200 ft	11,987 ft	90.01	ASPHALT	0 ft	558 ft
	61 m	3,654 m	80.75		0 m	170 m
26L	200 ft	11,987 ft	270.02	ASPHALT	0 ft	554 ft
	61 m	3,654 m	260.76		0 m	169 m
08L	150 ft	12,297 ft	90.00	ASPHALT	0 ft	469 ft
	46 m	3,748 m	80.74		0 m	143 m
26R	150 ft	12,297 ft	270.01	ASPHALT	0 ft	696 ft
	46 m	3,748 m	260.75		0 m	212 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IIUM	110.50 MHz	18 nm	-	-	21 ft
				33 km	-		21 m
26L	DME	IEPC	109.10 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
26L	LOC-LOC	IEPC	109.10 MHz	18 nm	304.00	-	13 ft
				33 km	294.74		13 m
04R	GS	IIUM	110.50 MHz	10 nm	52.85	3.00	13 ft
				19 km	43.59		13 m
08L	GS	IHNL	111.70 MHz	10 nm	90.01	3.01	13 ft
				19 km	80.75		13 m

KIAH

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

Elevation: 98 ft / 30 m
Location: 29.985400 -95.341200
Magnetic Var: 1.731 E

METAR

KIAH 061653Z 17013KT 10SM BKN024 BKN250 28/22 A2986 RMK A02 SLP111 T02780222

TAF

KIAH 061502Z 0615/0718 15011KT P6SM SCT009 BKN015 FM061800 15012G20KT P6SM SCT025 BKN050 FM070200 15010KT P6SM SC

Frequencies

REC - 124.05 MHz - D-ATIS
CLD - 128.10 MHz - CLEARANCE DELIVERY
GND - 121.70 MHz - HOUSTON GROUND
TWR - 120.72 MHz - HOUSTON TOWER
TWR - 135.15 MHz - HOUSTON TOWER
APP - 120.05 MHz - HOUSTON APPROACH
DEP - 126.67 MHz - HOUSTON DEPARTURE
DEP - 133.60 MHz - HOUSTON DEPARTURE

REC - 122.95 MHz - UNICOM
GND - 119.95 MHz - HOUSTON GROUND
GND - 118.57 MHz - HOUSTON GROUND
TWR - 125.35 MHz - HOUSTON TOWER
TWR - 127.30 MHz - HOUSTON TOWER
APP - 124.35 MHz - HOUSTON APPROACH
DEP - 132.25 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	150.35		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	88.21		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