

# KIAD

Washington Dulles Intl

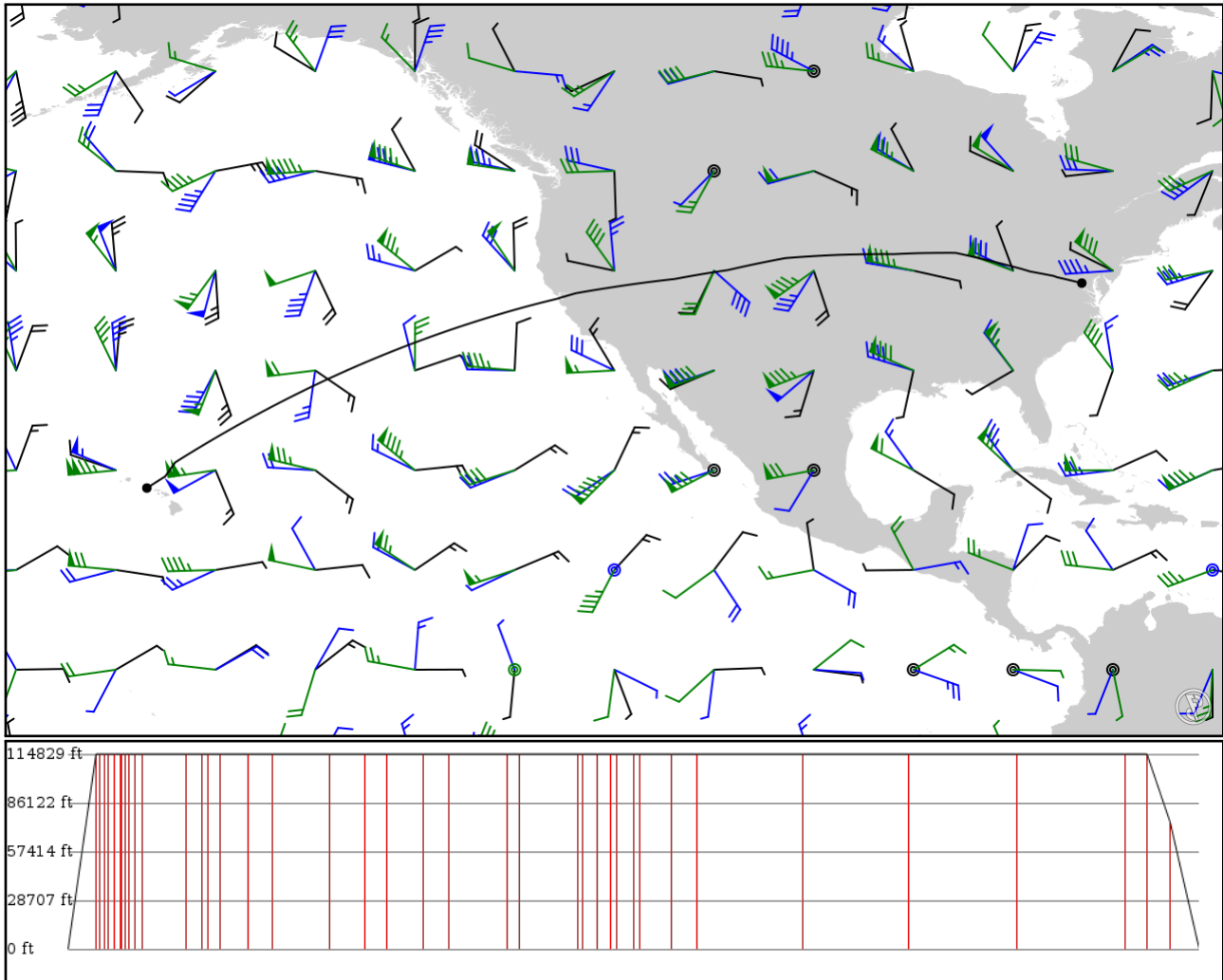
# PHNL

Honolulu Intl

2024/05/23 0248Z

KIAD MOTME V144 APE J30 JOT J146 IOW J10 OBH J100 EKR J84 OAK SEEMS BEBOP R464 SOMOH PHNL

4198.37 nm / 7775.38 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
KIAD APT	-	38.94770 -77.46090	0 ft 0 m	-	Washington Dulles Intl
MOTME FIX	-	39.45740 -79.59650	35,000 ft 10,668 m	103	-
MGW VOR	V144 AWY-LO	39.55670 -79.86040	35,000 ft 10,668 m	13	MORGANTOWN
TEDDS FIX	V144 AWY-LO	39.63850 -80.27610	35,000 ft 10,668 m	19	-
BURGS FIX	V144 AWY-LO	39.69850 -80.58640	35,000 ft 10,668 m	14	-
BEALL FIX	V144 AWY-LO	39.78520 -81.04320	35,000 ft 10,668 m	21	-
HISOM FIX	V144 AWY-LO	39.87650 -81.53700	35,000 ft 10,668 m	23	-
MUNOE FIX	V144 AWY-LO	39.89520 -81.63950	35,000 ft 10,668 m	4	-
ZZV VOR	V144 AWY-LO	39.94090 -81.89260	35,000 ft 10,668 m	11	ZANESVILLE
CINAB FIX	V144 AWY-LO	40.01460 -82.13450	35,000 ft 10,668 m	11	-
APE VOR	V144 AWY-LO	40.15110 -82.58830	35,000 ft 10,668 m	22	APPLETON
TRAKK FIX	J30 AWY-HI	40.30900 -83.17160	35,000 ft 10,668 m	28	-
WHETT FIX	J30 AWY-HI	41.16020 -86.58420	35,000 ft 10,668 m	163	-
MOPER FIX	J30 AWY-HI	41.43130 -87.78680	35,000 ft 10,668 m	56	-
JOT VOR	J30 AWY-HI	41.54640 -88.31840	35,000 ft 10,668 m	24	JOLIET
VORIN FIX	J146 AWY-HI	41.54800 -89.33640	35,000 ft 10,668 m	45	-
IOW VOR	J146 AWY-HI	41.51900 -91.61330	35,000 ft 10,668 m	102	IOWA CITY
DSM VOR	J10 AWY-HI	41.43760 -93.64860	35,000 ft 10,668 m	91	DES MOINES
OBH VOR	J10 AWY-HI	41.37570 -98.35360	35,000 ft 10,668 m	211	WOLBACH
ELJAY FIX	J100 AWY-HI	41.22510 -101.22100	35,000 ft 10,668 m	129	-
SNY VOR	J100 AWY-HI	41.09670 -102.98300	35,000 ft 10,668 m	80	SIDNEY
FROGS FIX	J100 AWY-HI	40.52000 -105.89500	35,000 ft 10,668 m	136	-
EKR VOR	J100 AWY-HI	40.06740 -107.92500	35,000 ft 10,668 m	96	MEEKER
DTA VOR	J84 AWY-HI	39.30220 -112.50600	35,000 ft 10,668 m	216	DELTA
PAWLY FIX	J84 AWY-HI	39.19710 -113.44000	35,000 ft 10,668 m	43	-
MVA VOR	J84 AWY-HI	38.56530 -118.03300	35,000 ft 10,668 m	218	MINA
BABIT	J84	38.51150	35,000 ft	16	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-118.38500	10,668 m		
SONNY	J84	38.33570	35,000 ft	52	-
FIX	AWY-HI	-119.48500	10,668 m		
MELTS	J84	38.16560	35,000 ft	48	-
FIX	AWY-HI	-120.48900	10,668 m		
LIN	J84	38.07460	35,000 ft	24	LINDEN
VOR	AWY-HI	-121.00400	10,668 m		
OAK	J84	37.72590	35,000 ft	61	OAKLAND
VOR	AWY-HI	-122.22400	10,668 m		
SEEMS	-	37.59270	35,000 ft	22	-
FIX	-	-122.65700	10,668 m		
BEBOP	-	36.99990	35,000 ft	117	-
FIX	-	-125.00100	10,668 m		
BAART	R464	36.46190	35,000 ft	98	-
FIX	AWY-HI	-126.93300	10,668 m		
BARAZ	R464	34.02310	35,000 ft	391	-
FIX	AWY-HI	-134.34600	10,668 m		
BILLO	R464	31.17830	35,000 ft	390	-
FIX	AWY-HI	-141.29000	10,668 m		
BEKME	R464	27.89220	35,000 ft	400	-
FIX	AWY-HI	-147.97000	10,668 m		
BOARD	R464	24.29580	35,000 ft	401	-
FIX	AWY-HI	-154.25000	10,668 m		
BITTA	R464	23.52800	35,000 ft	81	-
FIX	AWY-HI	-155.47900	10,668 m		
SOMOH	R464	22.32150	22,800 ft	86	-
FIX	AWY-HI	-156.34200	6,949 m		
PHNL	-	21.31940	0 ft	106	Honolulu Intl
APT	-	-157.92100	0 m		

## KIAD

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 312 ft / 95 m  
Location: 38.947700 -77.460900  
Magnetic Var: 10.664 W

## METAR

KIAD 230152Z 18009KT 10SM FEW100 27/19 A2989 RMK A02 SLP118 T02720194

## TAF

KIAD 230147Z 2302/2406 17005KT P6SM VCSH SCT050 BKN200 FM230400 19006KT P6SM BKN100 FM230900 25003KT 6SM -SHRA BR

## Frequencies

COM - 122.95 MHz - UNICOM	REC - 134.85 MHz - D-ATIS
CLD - 135.70 MHz - CLEARANCE DELIVERY	GND - 121.62 MHz - DULLES GROUND
GND - 121.90 MHz - DULLES GROUND	TWR - 120.10 MHz - DULLES TOWER
TWR - 120.25 MHz - DULLES TOWER	TWR - 134.42 MHz - DULLES TOWER
APP - 120.45 MHz - POTOMAC APPROACH	APP - 126.10 MHz - POTOMAC APPROACH
APP - 128.52 MHz - POTOMAC APPROACH	DEP - 126.65 MHz - POTOMAC DEPARTURE
DEP - 125.05 MHz - POTOMAC DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01L	151 ft	9,408 ft	0.64	CONCRETE	0 ft	404 ft
	46 m	2,868 m	11.30		0 m	123 m
19R	151 ft	9,408 ft	180.64	CONCRETE	0 ft	404 ft
	46 m	2,868 m	191.30		0 m	123 m
01C	151 ft	11,510 ft	0.65	CONCRETE	0 ft	407 ft
	46 m	3,508 m	11.31		0 m	124 m
19C	151 ft	11,510 ft	180.65	CONCRETE	0 ft	43 ft
	46 m	3,508 m	191.31		0 m	13 m
01R	151 ft	11,510 ft	0.66	CONCRETE	0 ft	43 ft
	46 m	3,508 m	11.33		0 m	13 m
19L	151 ft	11,510 ft	180.66	CONCRETE	0 ft	387 ft
	46 m	3,508 m	191.33		0 m	118 m
12	151 ft	10,513 ft	110.71	CONCRETE	0 ft	20 ft
	46 m	3,204 m	121.37		0 m	6 m
30	151 ft	10,513 ft	290.73	CONCRETE	0 ft	387 ft
	46 m	3,204 m	301.39		0 m	118 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01R	DME	IIAD	110.10 MHz	18 nm	-	-	314 ft
				33 km	-		314 m
19L	DME	ISGC	110.10 MHz	18 nm	-	-	314 ft
				33 km	-		314 m
19R	DME	IISU	110.75 MHz	18 nm	-	-	313 ft
				33 km	-		313 m
01C	LOC-ILS	IOSZ	111.30 MHz	18 nm	0.65	-	312 ft
				33 km	11.31		312 m
01R	LOC-ILS	IIAD	110.10 MHz	18 nm	0.67	-	312 ft
				33 km	11.33		312 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	LOC-ILS	IAJU	109.30 MHz	18 nm	110.74	-	312 ft
				33 km	121.40		312 m
19C	LOC-ILS	IDLX	111.30 MHz	18 nm	180.65	-	312 ft
				33 km	191.31		312 m
19L	LOC-ILS	ISGC	110.10 MHz	18 nm	180.67	-	312 ft
				33 km	191.33		312 m
19R	LOC-ILS	IISU	110.75 MHz	18 nm	180.58	-	312 ft
				33 km	191.24		312 m
01L	LOC-ILS	IOIU	110.75 MHz	18 nm	0.58	-	312 ft
				33 km	11.24		312 m
01C	GS	IOSZ	111.30 MHz	10 nm	0.65	3.00	312 ft
				19 km	11.31		312 m
01R	GS	IIAD	110.10 MHz	10 nm	0.67	3.00	312 ft
				19 km	11.33		312 m
12	GS	IAJU	109.30 MHz	10 nm	110.74	3.00	312 ft
				19 km	121.40		312 m
19C	GS	IDLX	111.30 MHz	10 nm	180.65	3.00	312 ft
				19 km	191.31		312 m
19L	GS	ISGC	110.10 MHz	10 nm	180.67	3.00	312 ft
				19 km	191.33		312 m
19R	GS	IISU	110.75 MHz	10 nm	180.58	3.00	312 ft
				19 km	191.24		312 m
01L	GS	IOIU	110.75 MHz	10 nm	0.58	3.00	312 ft
				19 km	11.24		312 m

## PHNL

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

Elevation: 13 ft / 4 m  
Location: 21.319400 -157.921000  
Magnetic Var: 9.258 E

## METAR

PHNL 230153Z 07016KT 10SM FEW024 SCT045 BKN075 29/20 A2999

## TAF

PHNL 230125Z 2301/2406 08015G24KT P6SM FEW025 SCT035 SCT050 FM230600 07011KT P6SM FEW025 SCT050 FM232100 07016G22

## 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