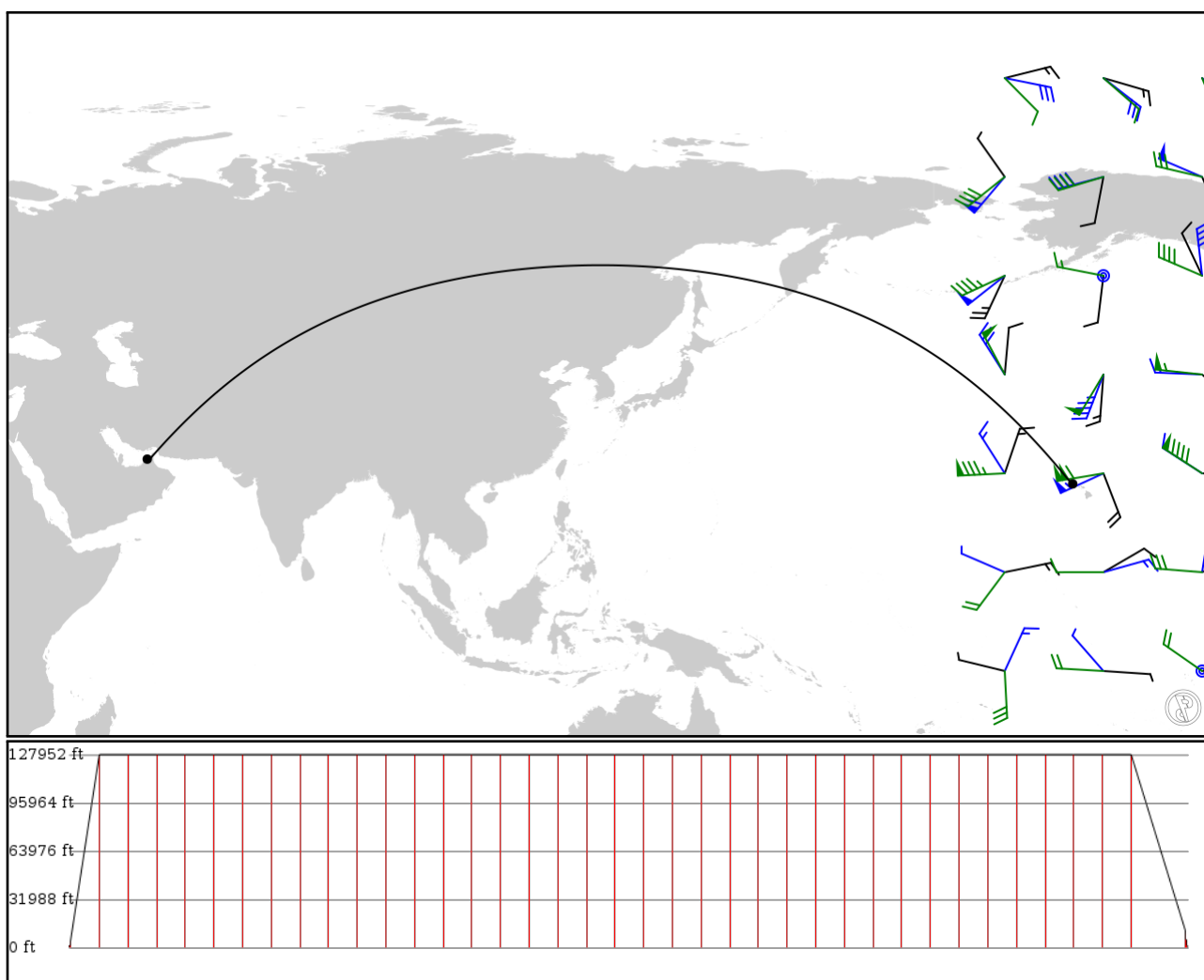


2024/05/01 2216Z

PHNL +21.33_-158.02 +21.33_-158.04 +21.33_-158.05 +21.33_-158.07 +21.34_-158.08 +21.34_-158.10
+21.35_-158.11 +21.36_-158.12 +21.37_-158.13 +21.38_-158.14 +21.39_-158.15 +21.40_-158.16
+23.91_-160.24 +26.40_-162.40 +28.85_-164.65 +31.26_-167.02 +33.63_-169.51 +35.94_-172.13
+38.19_-174.91 +40.37_-177.87 +42.48_+178.98 +44.49_+175.62 +46.39_+172.02 +48.17_+168.17
+49.82_+164.05 +51.31_+159.66 +52.63_+154.99 +53.75_+150.06 +54.66_+144.88 +55.33_+139.49
+55.77_+133.96 +55.95_+128.33 +55.87_+122.69 +55.54_+117.11 +54.96_+111.65 +54.14_+106.39
+53.10_+101.35 +51.86_+096.57 +50.44_+092.07 +48.85_+087.84 +47.12_+083.89 +45.26_+080.19
+43.29_+076.74 +41.23_+073.50 +39.08_+070.47 +36.85_+067.62 +34.56_+064.94 +32.22_+062.40
+29.82_+059.98 +25.22_+055.76 +25.21_+055.75 +25.20_+055.74 +25.19_+055.73 +25.18_+055.71
+25.17_+055.70 +25.17_+055.69 +25.16_+055.67 +25.16_+055.66 +25.15_+055.64 +25.15_+055.63
+25.15_+055.61 +25.15_+055.59 +25.15_+055.58 +25.16_+055.56 +25.16_+055.55 +25.17_+055.53
+25.17_+055.52 OMDB

7419.38 nm / 13740.70 km



Notes

Departing runway 27 PHNL. Arriving runway 12 OMDB.

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
PHNL	-	21.32525	0 ft	-	-
APT	-	-157.94323	0 m		
+21.33_-158.02	-	21.32524	120 ft	4	-
DME	-	-158.02092	37 m		
+21.33_-158.04	-	21.32651	170 ft	0	-
DME	-	-158.03640	52 m		
+21.33_-158.05	-	21.32902	230 ft	0	-
DME	-	-158.05170	70 m		
+21.33_-158.07	-	21.33277	300 ft	0	-
DME	-	-158.06670	91 m		
+21.34_-158.08	-	21.33772	390 ft	0	-
DME	-	-158.08130	119 m		
+21.34_-158.10	-	21.34384	480 ft	0	-
DME	-	-158.09539	146 m		
+21.35_-158.11	-	21.35108	580 ft	0	-
DME	-	-158.10884	177 m		
+21.36_-158.12	-	21.35938	690 ft	0	-
DME	-	-158.12157	210 m		
+21.37_-158.13	-	21.36869	810 ft	0	-
DME	-	-158.13347	247 m		
+21.38_-158.14	-	21.37892	940 ft	0	-
DME	-	-158.14446	287 m		
+21.39_-158.15	-	21.39001	1,070 ft	0	-
DME	-	-158.15445	326 m		
+21.40_-158.16	-	21.40187	1,220 ft	0	-
DME	-	-158.16336	372 m		
+23.91_-160.24	-	23.91452	39,000 ft	189	-
DME	-	-160.23793	11,887 m		
+26.40_-162.40	-	26.39874	39,000 ft	189	-
DME	-	-162.39921	11,887 m		
+28.85_-164.65	-	28.84908	39,000 ft	189	-
DME	-	-164.65493	11,887 m		
+31.26_-167.02	-	31.26008	39,000 ft	189	-
DME	-	-167.01864	11,887 m		
+33.63_-169.51	-	33.62557	39,000 ft	189	-
DME	-	-169.50512	11,887 m		
+35.94_-172.13	-	35.93853	39,000 ft	189	-
DME	-	-172.13042	11,887 m		
+38.19_-174.91	-	38.19091	39,000 ft	189	-
DME	-	-174.91190	11,887 m		
+40.37_-177.87	-	40.37353	39,000 ft	189	-
DME	-	-177.86807	11,887 m		
+42.48_+178.98	-	42.47591	39,000 ft	189	-
DME	-	178.98159	11,887 m		
+44.49_+175.62	-	44.48611	39,000 ft	189	-
DME	-	175.61722	11,887 m		
+46.39_+172.02	-	46.39063	39,000 ft	189	-
DME	-	172.01928	11,887 m		
+48.17_+168.17	-	48.17434	39,000 ft	189	-
DME	-	168.16980	11,887 m		
+49.82_+164.05	-	49.82051	39,000 ft	189	-
DME	-	164.05405	11,887 m		
+51.31_+159.66	-	51.31100	39,000 ft	189	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
DME	-	159.66273	11,887 m		
+52.63_+154.99	-	52.62669	39,000 ft	189	-
DME	-	154.99462	11,887 m		
+53.75_+150.06	-	53.74809	39,000 ft	189	-
DME	-	150.05939	11,887 m		
+54.66_+144.88	-	54.65635	39,000 ft	189	-
DME	-	144.88014	11,887 m		
+55.33_+139.49	-	55.33443	39,000 ft	189	-
DME	-	139.49494	11,887 m		
+55.77_+133.96	-	55.76842	39,000 ft	189	-
DME	-	133.95668	11,887 m		
+55.95_+128.33	-	55.94886	39,000 ft	189	-
DME	-	128.33058	11,887 m		
+55.87_+122.69	-	55.87168	39,000 ft	189	-
DME	-	122.68948	11,887 m		
+55.54_+117.11	-	55.53862	39,000 ft	189	-
DME	-	117.10756	11,887 m		
+54.96_+111.65	-	54.95709	39,000 ft	189	-
DME	-	111.65379	11,887 m		
+54.14_+106.39	-	54.13934	39,000 ft	189	-
DME	-	106.38643	11,887 m		
+53.10_+101.35	-	53.10131	39,000 ft	189	-
DME	-	101.34964	11,887 m		
+51.86_+096.57	-	51.86129	39,000 ft	189	-
DME	-	96.57242	11,887 m		
+50.44_+092.07	-	50.43864	39,000 ft	189	-
DME	-	92.06958	11,887 m		
+48.85_+087.84	-	48.85273	39,000 ft	189	-
DME	-	87.84392	11,887 m		
+47.12_+083.89	-	47.12214	39,000 ft	189	-
DME	-	83.88907	11,887 m		
+45.26_+080.19	-	45.26421	39,000 ft	189	-
DME	-	80.19216	11,887 m		
+43.29_+076.74	-	43.29472	39,000 ft	189	-
DME	-	76.73632	11,887 m		
+41.23_+073.50	-	41.22783	39,000 ft	189	-
DME	-	73.50244	11,887 m		
+39.08_+070.47	-	39.07608	39,000 ft	189	-
DME	-	70.47070	11,887 m		
+36.85_+067.62	-	36.85053	39,000 ft	189	-
DME	-	67.62137	11,887 m		
+34.56_+064.94	-	34.56087	39,000 ft	189	-
DME	-	64.93553	11,887 m		
+32.22_+062.40	-	32.21557	39,000 ft	189	-
DME	-	62.39532	11,887 m		
+29.82_+059.98	-	29.82205	39,000 ft	189	-
DME	-	59.98417	11,887 m		
+25.22_+055.76	-	25.22430	3,420 ft	356	-
DME	-	55.75811	1,042 m		
+25.21_+055.75	-	25.21266	3,180 ft	0	-
DME	-	55.74860	969 m		
+25.20_+055.74	-	25.20182	2,950 ft	0	-
DME	-	55.73799	899 m		
+25.19_+055.73	-	25.19186	2,720 ft	0	-
DME	-	55.72639	829 m		
+25.18_+055.71	-	25.18286	2,500 ft	0	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
DME	-	55.71387	762 m		
+25.17_+055.70	-	25.17487	2,290 ft	0	-
DME	-	55.70054	698 m		
+25.17_+055.69	-	25.16797	2,090 ft	0	-
DME	-	55.68648	637 m		
+25.16_+055.67	-	25.16220	1,900 ft	0	-
DME	-	55.67181	579 m		
+25.16_+055.66	-	25.15761	1,720 ft	0	-
DME	-	55.65665	524 m		
+25.15_+055.64	-	25.15423	1,540 ft	0	-
DME	-	55.64110	469 m		
+25.15_+055.63	-	25.15209	1,380 ft	0	-
DME	-	55.62529	421 m		
+25.15_+055.61	-	25.15121	1,220 ft	0	-
DME	-	55.60933	372 m		
+25.15_+055.59	-	25.15160	1,070 ft	0	-
DME	-	55.59334	326 m		
+25.15_+055.58	-	25.15324	940 ft	0	-
DME	-	55.57746	287 m		
+25.16_+055.56	-	25.15612	810 ft	0	-
DME	-	55.56179	247 m		
+25.16_+055.55	-	25.16024	690 ft	0	-
DME	-	55.54646	210 m		
+25.17_+055.53	-	25.16554	580 ft	0	-
DME	-	55.53158	177 m		
+25.17_+055.52	-	25.17200	480 ft	0	-
DME	-	55.51727	146 m		
OMDB	-	25.24770	0 ft	8	-
APT	-	55.38093	0 m		

PHNL

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

Elevation: 13 ft / 4 m
Location: 21.319400 -157.921000
Magnetic Var: 9.260 E

METAR

PHNL 012153Z 06014G20KT 10SM FEW025 SCT038 SCT050 29/18 A3002

TAF

PHNL 012121Z 0121/0224 08011G19KT P6SM FEW030 SCT060 FM020500 05008KT P6SM FEW025 SCT060 FM022000 06014G22KT P6SM

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

OMDB

Region: UNITED ARAB EMIRATES
Timezone: ASIA/DUBAI
Runways: 2

Elevation: 62 ft / 19 m
Location: 25.251100 55.371100
Magnetic Var: 2.351 E

METAR

OMDB 012200Z 13006KT CAVOK 33/18 Q1004 NOSIG

TAF

TAF OMDB 011700Z 0118/0300 13007KT 8000 NSC PROB40 0122/0207 32015KT TEMPO 0123/0213 VRB28G45KT 1500 TSRA BLDU BKN

Frequencies

REC - 126.27 MHz - ATIS ARRIVAL	REC - 131.70 MHz - ATIS DEPARTURE
TWR - 126.77 MHz - DUBAI TOWER	TWR - 119.55 MHz - DUBAI TOWER
TWR - 118.75 MHz - DUBAI TOWER	TWR - 119.05 MHz - DUBAI TOWER
GND - 118.35 MHz - DUBAI GROUND	GND - 118.85 MHz - DUBAI GROUND
GND - 121.65 MHz - DUBAI GROUND	CLD - 120.35 MHz - CLEARANCE DELIVERY
APP - 122.50 MHz - MINHAD APPROACH	APP - 126.02 MHz - MINHAD APPROACH
APP - 120.25 MHz - DUBAI ARRIVAL	APP - 124.45 MHz - DUBAI ARRIVAL
APP - 124.90 MHz - DUBAI ARRIVAL	DEP - 126.02 MHz - DUBAI DEPARTURE
DEP - 121.02 MHz - DUBAI DEPARTURE	DEP - 126.20 MHz - DUBAI DEPARTURE
DEP - 120.25 MHz - DUBAI DEPARTURE	APP - 120.40 MHz - DUBAI RADAR
APP - 126.02 MHz - DUBAI RADAR	APP - 127.90 MHz - DUBAI DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	200 ft	14,604 ft	121.53	ASPHALT	2,352 ft	771 ft
	61 m	4,452 m	119.18		717 m	235 m
30L	200 ft	14,604 ft	301.54	ASPHALT	436 ft	0 ft
	61 m	4,452 m	299.19		133 m	0 m
12L	200 ft	14,289 ft	121.48	ASPHALT	1,496 ft	381 ft
	61 m	4,355 m	119.13		456 m	116 m
30R	200 ft	14,289 ft	301.50	ASPHALT	991 ft	377 ft
	61 m	4,355 m	299.15		302 m	115 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	IDBL	110.10 MHz	18 nm	-	-	62 ft
				33 km	-		62 m
30L	DME	IDBW	111.30 MHz	18 nm	-	-	41 ft
				33 km	-		41 m
30R	DME	IDBR	110.90 MHz	18 nm	-	-	44 ft
				33 km	-		44 m
12L	LOC-ILS	IDBL	110.10 MHz	18 nm	121.49	-	62 ft
				33 km	119.14		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.19		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.19		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.14		62 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	GS	IDBL	110.10 MHz	10 nm	121.49	3.00	62 ft
				19 km	119.14		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.19		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.19		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.14		62 m