

EDDM

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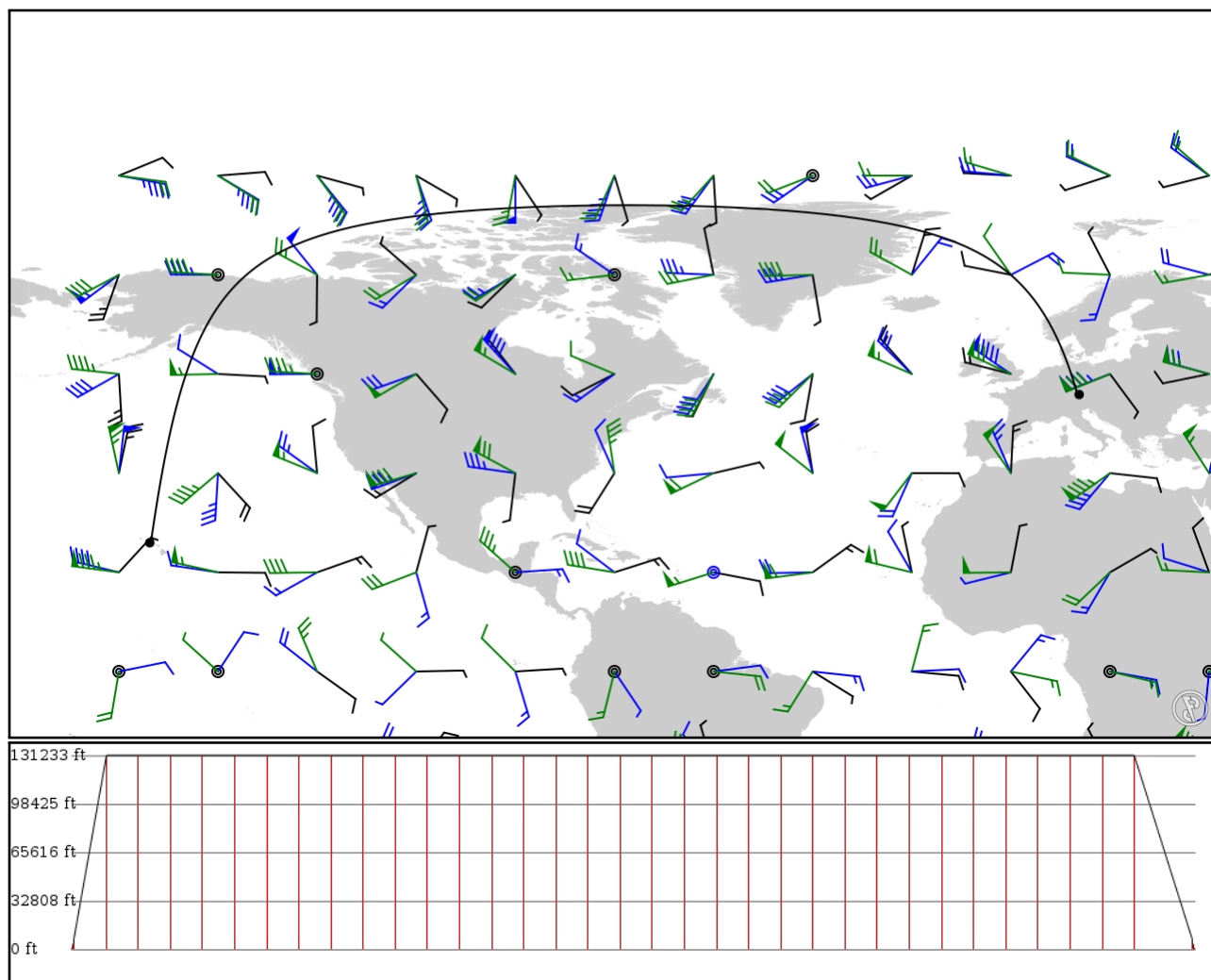
PHNL

Honolulu Intl

2024/05/06 0433Z

EDDM +48.35_+011.66 +48.37_+011.57 +48.40_+011.50 +48.45_+011.45 +48.50_+011.42 +51.58_+010.48
+54.66_+009.40 +57.72_+008.15 +60.77_+006.66 +63.80_+004.86 +66.80_+002.63 +69.76_+000.22
+72.66_-003.98 +75.46_-009.18 +78.10_-016.69 +80.43_-028.08 +82.18_-045.49 +82.90_-069.24
+82.30_-093.39 +80.63_-111.48 +78.34_-123.37 +75.73_-131.18 +72.94_-136.55 +70.05_-140.43
+67.09_-143.35 +64.09_-145.63 +61.07_-147.47 +58.02_-148.98 +54.96_-150.26 +51.89_-151.35
+48.80_-152.31 +45.71_-153.15 +42.62_-153.91 +39.52_-154.59 +36.42_-155.22 +33.31_-155.79
+30.20_-156.33 +27.09_-156.83 +21.49_-157.68 +21.43_-157.69 +21.38_-157.72 +21.34_-157.77
+21.33_-157.83 PHNL

6602.75 nm / 12228.30 km



Notes

Departing runway 26 EDDM. Arriving runway 9 PHNL.

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EDDM	-	48.36276	0 ft	-	-
APT	-	11.76755	0 m		
+48.35_+011.66	-	48.35442	110 ft	4	-
LATLON	-	11.65937	34 m		
+48.37_+011.57	-	48.36782	380 ft	3	-
LATLON	-	11.57461	116 m		
+48.40_+011.50	-	48.39969	790 ft	3	-
LATLON	-	11.50183	241 m		
+48.45_+011.45	-	48.44616	1,340 ft	3	-
LATLON	-	11.44981	408 m		
+48.50_+011.42	-	48.50165	2,040 ft	3	-
LATLON	-	11.42488	622 m		
+51.58_+010.48	-	51.58323	40,000 ft	188	-
LATLON	-	10.48228	12,192 m		
+54.66_+009.40	-	54.65759	40,000 ft	188	-
LATLON	-	9.40293	12,192 m		
+57.72_+008.15	-	57.72080	40,000 ft	188	-
LATLON	-	8.14704	12,192 m		
+60.77_+006.66	-	60.76927	40,000 ft	188	-
LATLON	-	6.65929	12,192 m		
+63.80_+004.86	-	63.79783	40,000 ft	188	-
LATLON	-	4.85975	12,192 m		
+66.80_+002.63	-	66.79862	40,000 ft	188	-
LATLON	-	2.62899	12,192 m		
+69.76_+000.22	-	69.75924	40,000 ft	188	-
LATLON	-	-0.21848	12,192 m		
+72.66_-003.98	-	72.65905	40,000 ft	188	-
LATLON	-	-3.98335	12,192 m		
+75.46_-009.18	-	75.46158	40,000 ft	188	-
LATLON	-	-9.17542	12,192 m		
+78.10_-016.69	-	78.09785	40,000 ft	188	-
LATLON	-	-16.69021	12,192 m		
+80.43_-028.08	-	80.42943	40,000 ft	188	-
LATLON	-	-28.07867	12,192 m		
+82.18_-045.49	-	82.17886	40,000 ft	188	-
LATLON	-	-45.49213	12,192 m		
+82.90_-069.24	-	82.90177	40,000 ft	188	-
LATLON	-	-69.23643	12,192 m		
+82.30_-093.39	-	82.30327	40,000 ft	188	-
LATLON	-	-93.38623	12,192 m		
+80.63_-111.48	-	80.63332	40,000 ft	188	-
LATLON	-	-111.48344	12,192 m		
+78.34_-123.37	-	78.34368	40,000 ft	188	-
LATLON	-	-123.36632	12,192 m		
+75.73_-131.18	-	75.72962	40,000 ft	188	-
LATLON	-	-131.18017	12,192 m		
+72.94_-136.55	-	72.93963	40,000 ft	188	-
LATLON	-	-136.55251	12,192 m		
+70.05_-140.43	-	70.04740	40,000 ft	188	-
LATLON	-	-140.43052	12,192 m		
+67.09_-143.35	-	67.09167	40,000 ft	188	-
LATLON	-	-143.35237	12,192 m		
+64.09_-145.63	-	64.09418	40,000 ft	188	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-145.63414	12,192 m		
+61.07_-147.47	-	61.06794	40,000 ft	188	-
LATLON	-	-147.46995	12,192 m		
+58.02_-148.98	-	58.02116	40,000 ft	188	-
LATLON	-	-148.98430	12,192 m		
+54.96_-150.26	-	54.95923	40,000 ft	188	-
LATLON	-	-150.26021	12,192 m		
+51.89_-151.35	-	51.88583	40,000 ft	188	-
LATLON	-	-151.35497	12,192 m		
+48.80_-152.31	-	48.80358	40,000 ft	188	-
LATLON	-	-152.30928	12,192 m		
+45.71_-153.15	-	45.71437	40,000 ft	188	-
LATLON	-	-153.15288	12,192 m		
+42.62_-153.91	-	42.61960	40,000 ft	188	-
LATLON	-	-153.90794	12,192 m		
+39.52_-154.59	-	39.52034	40,000 ft	188	-
LATLON	-	-154.59138	12,192 m		
+36.42_-155.22	-	36.41742	40,000 ft	188	-
LATLON	-	-155.21635	12,192 m		
+33.31_-155.79	-	33.31149	40,000 ft	188	-
LATLON	-	-155.79323	12,192 m		
+30.20_-156.33	-	30.20309	40,000 ft	188	-
LATLON	-	-156.33038	12,192 m		
+27.09_-156.83	-	27.09262	40,000 ft	188	-
LATLON	-	-156.83459	12,192 m		
+21.49_-157.68	-	21.48933	2,040 ft	339	-
LATLON	-	-157.68144	622 m		
+21.43_-157.69	-	21.43231	1,340 ft	3	-
LATLON	-	-157.69225	408 m		
+21.38_-157.72	-	21.38219	790 ft	3	-
LATLON	-	-157.72336	241 m		
+21.34_-157.77	-	21.34499	380 ft	3	-
LATLON	-	-157.77100	116 m		
+21.33_-157.83	-	21.32521	110 ft	3	-
LATLON	-	-157.82941	34 m		
PHNL	-	21.32524	0 ft	4	-
APT	-	-157.90709	0 m		

EDDM

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.939 E

METAR

EDDM 060420Z AUTO VRB01KT 9999 0450 R26R/P2000N R26L/P2000N BCFG NSC 06/06 Q1009 NOSIG

TAF

TAF EDDM 052300Z 0600/0706 VRB03KT CAVOK BECMG 0607/0609 06005KT BECMG 0611/0613 33008KT PROB40 TEMPO 0615/0618 3

Frequencies

REC - 123.12 MHz - MUENCHEN ATIS	COM - 122.80 MHz - MUENCHEN UNICOM
CLD - 121.72 MHz - MUENCHEN DELIVERY	GND - 121.97 MHz - MUENCHEN GROUND NORTH
GND - 121.82 MHz - MUENCHEN GROUND SOUTH	GND - 121.77 MHz - MUENCHEN APRON 1
GND - 121.70 MHz - MUENCHEN APRON 2	GND - 121.92 MHz - MUENCHEN APRON 3
TWR - 120.50 MHz - MUENCHEN TOWER SOUTH	TWR - 118.70 MHz - MUENCHEN TOWER NORTH
APP - 123.90 MHz - MUENCHEN RADAR NORTH	APP - 127.95 MHz - MUENCHEN RADAR SOUTH
APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH	APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH
APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH	APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	197 ft	13,135 ft	83.39	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.45		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.49		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.43		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.47		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IMNE	109.50 MHz	18 nm	83.41	-	1,484 ft
				33 km	79.47		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.45		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.45		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.47		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.47		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.45		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.45		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.47		1,484 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 060353Z 06017G25KT 10SM FEW030 SCT045 SCT060 25/17 A3004

TAF

PHNL 060306Z 0603/0706 06017G27KT P6SM SCT030 SCT050 FM060600 06012G19KT P6SM VCSH SCT025 BKN045 FM062000 06016G2

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