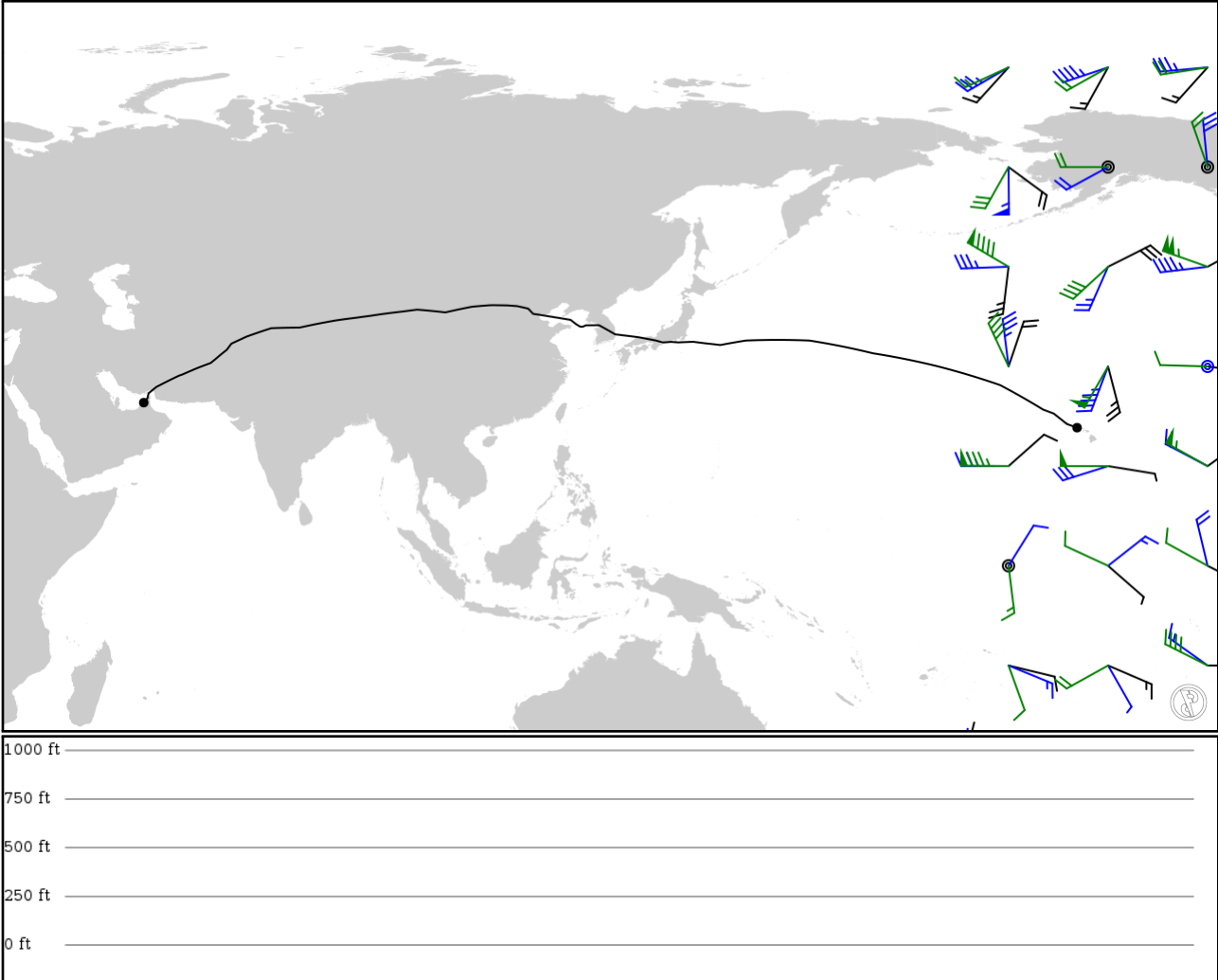


2024/06/05 1159Z

PHNL SOK DANNO ECEDO 28N170W 31N180E 33N170E 35N160E 35N150E MORAY **OTR15** SMOLT **OTR16** SUNNS XAC
V17 SZE **Y295** GAKKI **Y55** KOHWA **Y38** SAPRA **G585** SEL **G597** DONVO **A326** VYK CD **W63** TZH **A596** YBL CHW **W619**
BILDA **W112** PURPA **G206** TAPIS **A453** DAVEP **Q10** MOBET **M324** PATAT **L519** PUVAL OMDB
7803.73 nm / 14452.50 km



Notes

Requested: PHNL SOK DANNO ECEDO 28N170W 31N180E 33N170E 35N160E 35N150E MORAY OTR15 SMOLT OTR16 SUNNS XAC V17 SZE
Unmatched points: OTR16

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
PHNL	-	21.31940	0 ft	-	Honolulu Intl
APT	-	-157.92100	0 m		
SOK	-	21.90040	0 ft	96	SOUTH KAUAI
VOR	-	-159.52900	0 m		
DANNO	-	23.53320	0 ft	150	-
FIX	-	-161.58200	0 m		
ECEDO	-	24.16890	0 ft	100	-
FIX	-	-163.26600	0 m		
28N170W	-	28.00000	0 ft	429	-
LATLON	-	-170.00000	0 m		
31N180E	-	31.00000	0 ft	552	-
LATLON	-	-180.00000	0 m		
33N170E	-	33.00000	0 ft	523	-
LATLON	-	170.00000	0 m		
35N160E	-	35.00000	0 ft	511	-
LATLON	-	160.00000	0 m		
35N150E	-	35.00000	0 ft	491	-
LATLON	-	150.00000	0 m		
MORAY	-	34.29690	0 ft	202	-
FIX	-	145.99600	0 m		
JANIS	OTR15	34.45410	0 ft	65	-
FIX	AWY-HI	144.69200	0 m		
SMOLT	OTR15	34.58010	0 ft	58	-
FIX	AWY-HI	143.51700	0 m		
SUNNS	OTR16	34.80450	0 ft	88	-
FIX	AWY-HI	141.73800	0 m		
XAC	-	34.71230	0 ft	114	OSHIMA
VOR	-	139.41400	0 m		
ITTOH	V17	34.74150	0 ft	19	-
FIX	AWY-HI	139.01100	0 m		
SZE	V17	34.79680	0 ft	40	SHIZUOKA
VOR	AWY-HI	138.19300	0 m		
GAKKI	Y295	34.74790	0 ft	25	-
FIX	AWY-HI	137.68100	0 m		
KOHWA	Y55	34.70460	0 ft	35	-
FIX	AWY-HI	136.95800	0 m		
CUE	Y38	35.01700	0 ft	58	OTSU
VOR	AWY-HI	135.82600	0 m		
ROKKO	Y38	35.11680	0 ft	26	-
FIX	AWY-HI	135.30000	0 m		
TOZAN	Y38	35.27100	0 ft	41	-
FIX	AWY-HI	134.48400	0 m		
TSUNO	Y38	35.33290	0 ft	16	-
FIX	AWY-HI	134.15300	0 m		
MIHOU	Y38	35.53110	0 ft	53	-
FIX	AWY-HI	133.09400	0 m		
STAGE	Y38	35.58100	0 ft	19	-
FIX	AWY-HI	132.69300	0 m		
SAPRA	Y38	35.82380	0 ft	97	-
FIX	AWY-HI	130.72400	0 m		
BULGA	G585	35.93580	0 ft	44	-
FIX	AWY-HI	129.82300	0 m		
KPO	G585	35.97720	0 ft	17	POHANG

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	129.47500	0 m		
ELAPI	G585	36.33720	0 ft	37	-
FIX	AWY-HI	128.84800	0 m		
CUN	G585	36.63200	0 ft	30	YECHEON
VOR	AWY-HI	128.32500	0 m		
BIGOB	G585	36.72370	0 ft	9	-
FIX	AWY-HI	128.16400	0 m		
BASEM	G585	36.84360	0 ft	12	-
FIX	AWY-HI	127.95300	0 m		
GUKDO	G585	37.01970	0 ft	18	-
FIX	AWY-HI	127.64000	0 m		
KAKSO	G585	37.12910	0 ft	11	-
FIX	AWY-HI	127.44400	0 m		
KALMA	G585	37.31250	0 ft	19	-
FIX	AWY-HI	127.11200	0 m		
SEL	G585	37.41360	0 ft	10	ANYANG
VOR	AWY-HI	126.92800	0 m		
GOGET	G597	37.41170	0 ft	19	-
FIX	AWY-HI	126.51000	0 m		
NOPIK	G597	37.40330	0 ft	40	-
FIX	AWY-HI	125.65100	0 m		
BINIL	G597	37.39700	0 ft	19	-
FIX	AWY-HI	125.23300	0 m		
ANSIM	G597	37.38970	0 ft	18	-
FIX	AWY-HI	124.83600	0 m		
DANTI	G597	37.30170	0 ft	10	-
FIX	AWY-HI	124.65800	0 m		
GONAV	G597	37.18010	0 ft	13	-
FIX	AWY-HI	124.41500	0 m		
AGAVO	G597	37.16670	0 ft	19	-
FIX	AWY-HI	124.00000	0 m		
DONVO	G597	37.56670	0 ft	39	-
FIX	AWY-HI	123.33300	0 m		
SANKO	A326	38.25000	0 ft	58	-
FIX	AWY-HI	122.45300	0 m		
POVAG	A326	38.27830	0 ft	9	-
FIX	AWY-HI	122.25200	0 m		
DOBGA	A326	38.41330	0 ft	38	-
FIX	AWY-HI	121.45800	0 m		
MAKNO	A326	38.46330	0 ft	14	-
FIX	AWY-HI	121.14800	0 m		
ALARA	A326	38.56170	0 ft	28	-
FIX	AWY-HI	120.55200	0 m		
UNSEK	A326	38.61330	0 ft	15	-
FIX	AWY-HI	120.23500	0 m		
ANRAT	A326	38.65830	0 ft	13	-
FIX	AWY-HI	119.95700	0 m		
PAMDA	A326	38.80330	0 ft	42	-
FIX	AWY-HI	119.06200	0 m		
KALBA	A326	38.90330	0 ft	28	-
FIX	AWY-HI	118.47000	0 m		
CG	A326	39.08000	0 ft	52	TIANJIN
NDB	AWY-HI	117.37500	0 m		
LADIX	A326	39.13000	0 ft	18	-
FIX	AWY-HI	116.99200	0 m		
DOGAR	A326	39.16330	0 ft	9	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	116.78500	0 m		
VYK	A326	39.19170	0 ft	10	DAWANGZHUANG VOR-DME
DME	AWY-HI	116.57200	0 m		
CD	-	40.01330	0 ft	60	QINGBAIKOU
NDB	-	115.80500	0 m		
TZH	W63	40.40830	0 ft	83	TIANZHEN
VOR	AWY-HI	114.05200	0 m		
SELGO	A596	40.47830	0 ft	44	-
FIX	AWY-HI	113.08700	0 m		
AKUKI	A596	40.50330	0 ft	16	-
FIX	AWY-HI	112.73300	0 m		
SZ	A596	40.51830	0 ft	10	LIANGCHENG
NDB	AWY-HI	112.49500	0 m		
EGANA	A596	40.52830	0 ft	14	-
FIX	AWY-HI	112.16700	0 m		
DOTOS	A596	40.52830	0 ft	9	-
FIX	AWY-HI	111.94800	0 m		
IRVAG	A596	40.53500	0 ft	4	-
FIX	AWY-HI	111.85000	0 m		
REPEP	A596	40.54000	0 ft	30	-
FIX	AWY-HI	111.18300	0 m		
BAV	A596	40.55670	0 ft	54	BAOTOU
VOR	AWY-HI	109.99800	0 m		
DKO	A596	40.31500	0 ft	137	DENGKOU
VOR	AWY-HI	106.99700	0 m		
YBL	A596	39.42170	0 ft	201	YABRAI
VOR	AWY-HI	102.77500	0 m		
CHW	-	39.85620	0 ft	206	JIAYUGUAN VOR-DME
DME	-	98.34770	0 m		
BILDA	W619	39.75330	0 ft	37	-
FIX	AWY-HI	97.54330	0 m		
IKAGA	W112	39.72000	0 ft	12	-
FIX	AWY-HI	97.28500	0 m		
TODOD	W112	39.63170	0 ft	31	-
FIX	AWY-HI	96.62330	0 m		
VIKUP	W112	39.56330	0 ft	24	-
FIX	AWY-HI	96.10330	0 m		
TUSLI	W112	39.08330	0 ft	179	-
FIX	AWY-HI	92.30000	0 m		
ADMUX	W112	38.87670	0 ft	64	-
FIX	AWY-HI	90.95000	0 m		
NOLEP	W112	38.57500	0 ft	106	-
FIX	AWY-HI	88.70830	0 m		
QIM	W112	38.15170	0 ft	151	QIEMO
VOR	AWY-HI	85.53670	0 m		
HTN	W112	37.03670	0 ft	277	HOTAN
VOR	AWY-HI	79.86830	0 m		
PURPA	W112	36.94140	0 ft	214	-
FIX	AWY-HI	75.40750	0 m		
DUGIN	G206	35.61640	0 ft	204	-
FIX	AWY-HI	71.51610	0 m		
SURVI	G206	35.10170	0 ft	61	-
FIX	AWY-HI	70.42000	0 m		
IMGES	G206	34.98390	0 ft	14	-
FIX	AWY-HI	70.15250	0 m		
TAPIS	G206	34.51670	0 ft	56	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	69.15000	0 m		
NOLEX	A453	33.86780	0 ft	45	-
FIX	AWY-LO	68.66000	0 m		
PATOX	A453	33.54830	0 ft	22	-
FIX	AWY-LO	68.42000	0 m		
DUDEG	A453	32.77500	0 ft	67	-
FIX	AWY-LO	67.45000	0 m		
KUNAN	A453	32.05940	0 ft	60	-
FIX	AWY-LO	66.60750	0 m		
PAROD	A453	31.48330	0 ft	50	-
FIX	AWY-LO	65.90000	0 m		
LOVIT	A453	31.15110	0 ft	49	-
FIX	AWY-LO	65.00720	0 m		
VACUK	A453	30.71220	0 ft	64	-
FIX	AWY-LO	63.85530	0 m		
OGOGO	A453	30.41580	0 ft	40	-
FIX	AWY-LO	63.15110	0 m		
GADER	A453	29.68330	0 ft	97	-
FIX	AWY-LO	61.46670	0 m		
PIRAN	A453	29.56860	0 ft	18	-
FIX	AWY-LO	61.13580	0 m		
ZDN	A453	29.48670	0 ft	13	ZAHEDAN
VOR	AWY-HI	60.90160	0 m		
ULOVI	A453	29.33000	0 ft	19	-
FIX	AWY-HI	60.57470	0 m		
DANOV	A453	29.24560	0 ft	10	-
FIX	AWY-HI	60.39920	0 m		
PEKES	A453	28.99140	0 ft	31	-
FIX	AWY-HI	59.87250	0 m		
NABOX	A453	28.27500	0 ft	87	-
FIX	AWY-HI	58.43360	0 m		
DAVEP	A453	27.70720	0 ft	67	-
FIX	AWY-HI	57.33580	0 m		
MOBET	Q10	26.73500	0 ft	86	-
FIX	AWY-HI	56.15220	0 m		
PATAT	M324	26.27030	0 ft	28	-
FIX	AWY-HI	56.01640	0 m		
EGPEP	L519	25.96300	0 ft	18	-
FIX	AWY-HI	55.97290	0 m		
ITLAP	L519	25.82360	0 ft	11	-
FIX	AWY-HI	55.83610	0 m		
PUVAL	L519	25.59940	0 ft	14	-
FIX	AWY-HI	55.71610	0 m		
OMDB	-	25.25110	0 ft	28	Dubai Intl
APT	-	55.37110	0 m		

PHNL

Region: USA (HAWAII)

Timezone: PACIFIC/HONOLULU

Runways: 4

Elevation: 13 ft / 4 m

Location: 21.319400 -157.921000

Magnetic Var: 9.257 E

METAR

PHNL 051053Z 06011KT 10SM FEW022 FEW036 SCT050 24/19 A3009

TAF

TAF PHNL 050919Z 0509/0612 06012G18KT P6SM SCT025 SCT045 FM051200 06006KT P6SM SCT025 FM051800 08010G16KT P6SM FE

Frequencies

REC - 127.90 MHz - ATIS

TWR - 123.90 MHz - HONOLULU TOWER

CLD - 121.40 MHz - CLEARANCE DELIVERY

DEP - 124.80 MHz - HCF DEPARTURE

TWR - 118.10 MHz - HONOLULU TOWER

GND - 121.90 MHz - HONOLULU GROUND

APP - 118.30 MHz - HCF APPROACH

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	260.76		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: 2.356 E

METAR

OMDB 051100Z 30011KT 270V330 CAVOK 37/21 Q1001 NOSIG

TAF

TAF OMDB 050500Z 0506/0612 22010KT 8000 NSC BECMG 0507/0509 29012KT BECMG 0516/0518 VRB02KT BECMG 0604/0606 20010

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	119.17		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	299.14		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	119.13		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.18		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.18		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.13		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	119.13		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.18		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.18		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.13		62 m