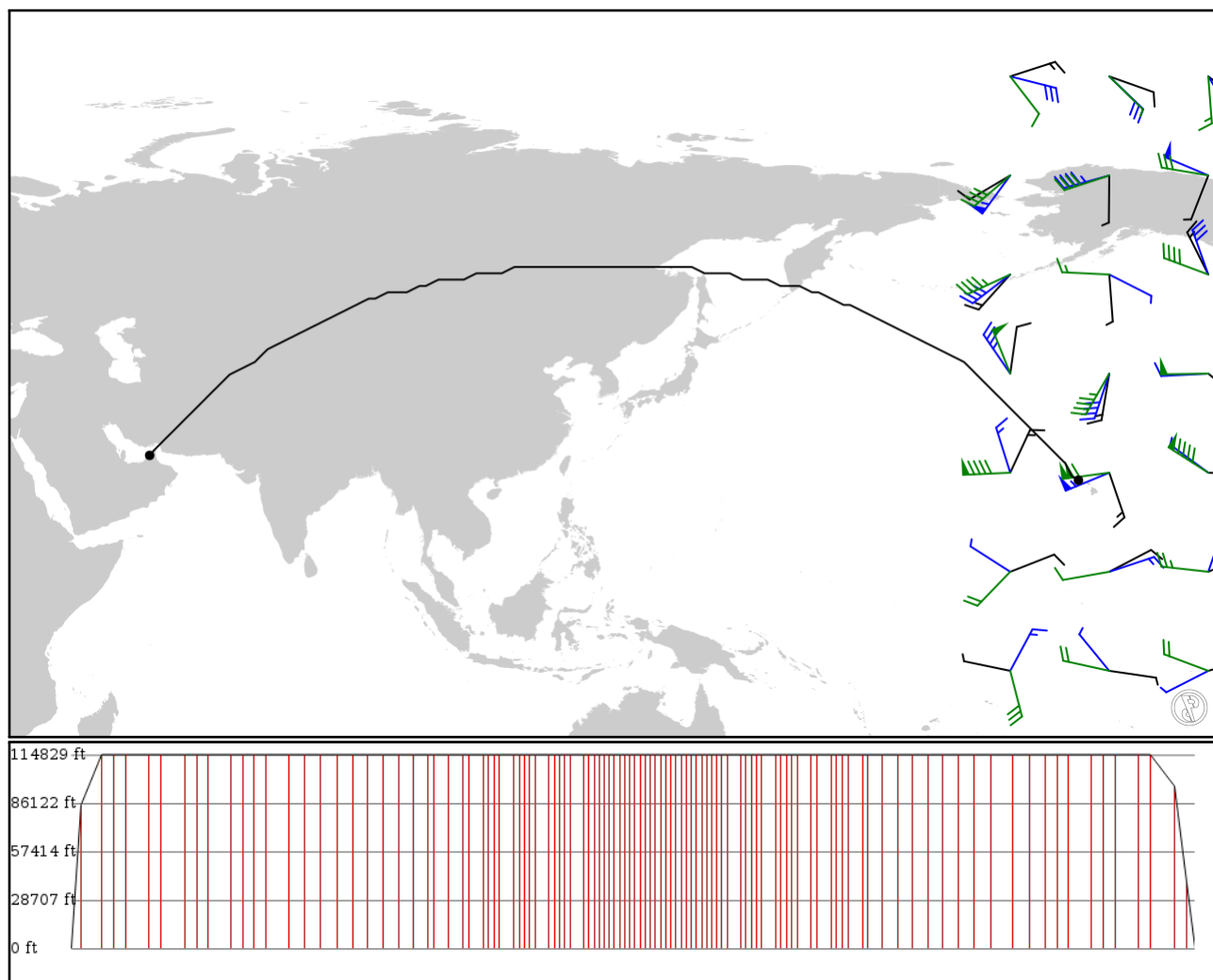


2024/05/11 1001Z

PHNL 2200N-15900W 2400N-16000W 2500N-16100W 2600N-16200W 2800N-16400W 2900N-16500W 3100N-16700W
3200N-16800W 3300N-16900W 3500N-17100W 3600N-17200W 3700N-17300W 3800N-17400W 4000N-17600W
4100N-17800W 4200N18000E 4300N17800E 4400N17600E 4500N17400E 4600N17200E 4700N17000E 4800N16800E
4900N16600E 4900N16500E 5000N16300E 5100N16100E 5100N16000E 5200N15800E 5200N15700E 5200N15600E
5200N15500E 5300N15300E 5300N15200E 5300N15100E 5300N15000E 5300N14900E 5400N14700E 5400N14600E
5400N14500E 5400N14400E 5400N14300E 5500N14100E 5500N14000E 5500N13900E 5500N13800E 5500N13700E
5500N13600E 5500N13500E 5500N13400E 5500N13300E 5500N13200E 5500N13100E 5500N13000E 5500N12900E
5500N12800E 5500N12700E 5500N12600E 5500N12500E 5500N12400E 5500N12300E 5500N12200E 5500N12100E
5500N12000E 5500N11900E 5500N11800E 5500N11700E 5500N11600E 5500N11500E 5500N11400E 5500N11300E
5400N11100E 5400N11000E 5400N10900E 5400N10800E 5400N10700E 5300N10500E 5300N10400E 5300N10300E
5300N10200E 5300N10100E 5200N09900E 5200N09800E 5100N09600E 5100N09500E 5100N09400E 5100N09300E
5000N09100E 5000N09000E 4900N08800E 4800N08600E 4700N08400E 4600N08200E 4500N08000E 4400N07800E
4300N07600E 4200N07400E 4000N07200E 3900N07000E 3800N06800E 3700N06700E 3600N06600E 3400N06400E
3300N06300E 3200N06200E 3000N06000E 2900N05900E 2700N05700E 2600N05600E OMDB

7557.83 nm / 13997.10 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: no
- Use PACOTS: no
- Use low airways: no
- Use high airways: no

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
PHNL	-	21.31940	0 ft	-	Honolulu Intl
APT	-	-157.92100	0 m		
2200N-15900W	-	22.00000	25,900 ft	72	-
LATLON	-	-159.00000	7,894 m		
2400N-16000W	-	24.00000	35,000 ft	132	-
LATLON	-	-160.00000	10,668 m		
2500N-16100W	-	25.00000	35,000 ft	81	-
LATLON	-	-161.00000	10,668 m		
2600N-16200W	-	26.00000	35,000 ft	80	-
LATLON	-	-162.00000	10,668 m		
2800N-16400W	-	28.00000	35,000 ft	160	-
LATLON	-	-164.00000	10,668 m		
2900N-16500W	-	29.00000	35,000 ft	79	-
LATLON	-	-165.00000	10,668 m		
3100N-16700W	-	31.00000	35,000 ft	158	-
LATLON	-	-167.00000	10,668 m		
3200N-16800W	-	32.00000	35,000 ft	78	-
LATLON	-	-168.00000	10,668 m		
3300N-16900W	-	33.00000	35,000 ft	78	-
LATLON	-	-169.00000	10,668 m		
3500N-17100W	-	35.00000	35,000 ft	156	-
LATLON	-	-171.00000	10,668 m		
3600N-17200W	-	36.00000	35,000 ft	77	-
LATLON	-	-172.00000	10,668 m		
3700N-17300W	-	37.00000	35,000 ft	77	-
LATLON	-	-173.00000	10,668 m		
3800N-17400W	-	38.00000	35,000 ft	76	-
LATLON	-	-174.00000	10,668 m		
4000N-17600W	-	40.00000	35,000 ft	152	-
LATLON	-	-176.00000	10,668 m		
4100N-17800W	-	41.00000	35,000 ft	109	-
LATLON	-	-178.00000	10,668 m		
4200N18000E	-	42.00000	35,000 ft	108	-
LATLON	-	-180.00000	10,668 m		
4300N17800E	-	43.00000	35,000 ft	106	-
LATLON	-	178.00000	10,668 m		
4400N17600E	-	44.00000	35,000 ft	105	-
LATLON	-	176.00000	10,668 m		
4500N17400E	-	45.00000	35,000 ft	104	-
LATLON	-	174.00000	10,668 m		
4600N17200E	-	46.00000	35,000 ft	103	-
LATLON	-	172.00000	10,668 m		
4700N17000E	-	47.00000	35,000 ft	102	-
LATLON	-	170.00000	10,668 m		
4800N16800E	-	48.00000	35,000 ft	100	-
LATLON	-	168.00000	10,668 m		
4900N16600E	-	49.00000	35,000 ft	99	-
LATLON	-	166.00000	10,668 m		
4900N16500E	-	49.00000	35,000 ft	39	-
LATLON	-	165.00000	10,668 m		
5000N16300E	-	50.00000	35,000 ft	98	-
LATLON	-	163.00000	10,668 m		
5100N16100E	-	51.00000	35,000 ft	97	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	161.00000	10,668 m		
5100N16000E	-	51.00000	35,000 ft	37	-
LATLON	-	160.00000	10,668 m		
5200N15800E	-	52.00000	35,000 ft	95	-
LATLON	-	158.00000	10,668 m		
5200N15700E	-	52.00000	35,000 ft	36	-
LATLON	-	157.00000	10,668 m		
5200N15600E	-	52.00000	35,000 ft	36	-
LATLON	-	156.00000	10,668 m		
5200N15500E	-	52.00000	35,000 ft	36	-
LATLON	-	155.00000	10,668 m		
5300N15300E	-	53.00000	35,000 ft	94	-
LATLON	-	153.00000	10,668 m		
5300N15200E	-	53.00000	35,000 ft	36	-
LATLON	-	152.00000	10,668 m		
5300N15100E	-	53.00000	35,000 ft	36	-
LATLON	-	151.00000	10,668 m		
5300N15000E	-	53.00000	35,000 ft	36	-
LATLON	-	150.00000	10,668 m		
5300N14900E	-	53.00000	35,000 ft	36	-
LATLON	-	149.00000	10,668 m		
5400N14700E	-	54.00000	35,000 ft	93	-
LATLON	-	147.00000	10,668 m		
5400N14600E	-	54.00000	35,000 ft	35	-
LATLON	-	146.00000	10,668 m		
5400N14500E	-	54.00000	35,000 ft	35	-
LATLON	-	145.00000	10,668 m		
5400N14400E	-	54.00000	35,000 ft	35	-
LATLON	-	144.00000	10,668 m		
5400N14300E	-	54.00000	35,000 ft	35	-
LATLON	-	143.00000	10,668 m		
5500N14100E	-	55.00000	35,000 ft	92	-
LATLON	-	141.00000	10,668 m		
5500N14000E	-	55.00000	35,000 ft	34	-
LATLON	-	140.00000	10,668 m		
5500N13900E	-	55.00000	35,000 ft	34	-
LATLON	-	139.00000	10,668 m		
5500N13800E	-	55.00000	35,000 ft	34	-
LATLON	-	138.00000	10,668 m		
5500N13700E	-	55.00000	35,000 ft	34	-
LATLON	-	137.00000	10,668 m		
5500N13600E	-	55.00000	35,000 ft	34	-
LATLON	-	136.00000	10,668 m		
5500N13500E	-	55.00000	35,000 ft	34	-
LATLON	-	135.00000	10,668 m		
5500N13400E	-	55.00000	35,000 ft	34	-
LATLON	-	134.00000	10,668 m		
5500N13300E	-	55.00000	35,000 ft	34	-
LATLON	-	133.00000	10,668 m		
5500N13200E	-	55.00000	35,000 ft	34	-
LATLON	-	132.00000	10,668 m		
5500N13100E	-	55.00000	35,000 ft	34	-
LATLON	-	131.00000	10,668 m		
5500N13000E	-	55.00000	35,000 ft	34	-
LATLON	-	130.00000	10,668 m		
5500N12900E	-	55.00000	35,000 ft	34	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	129.00000	10,668 m		
5500N12800E	-	55.00000	35,000 ft	34	-
LATLON	-	128.00000	10,668 m		
5500N12700E	-	55.00000	35,000 ft	34	-
LATLON	-	127.00000	10,668 m		
5500N12600E	-	55.00000	35,000 ft	34	-
LATLON	-	126.00000	10,668 m		
5500N12500E	-	55.00000	35,000 ft	34	-
LATLON	-	125.00000	10,668 m		
5500N12400E	-	55.00000	35,000 ft	34	-
LATLON	-	124.00000	10,668 m		
5500N12300E	-	55.00000	35,000 ft	34	-
LATLON	-	123.00000	10,668 m		
5500N12200E	-	55.00000	35,000 ft	34	-
LATLON	-	122.00000	10,668 m		
5500N12100E	-	55.00000	35,000 ft	34	-
LATLON	-	121.00000	10,668 m		
5500N12000E	-	55.00000	35,000 ft	34	-
LATLON	-	120.00000	10,668 m		
5500N11900E	-	55.00000	35,000 ft	34	-
LATLON	-	119.00000	10,668 m		
5500N11800E	-	55.00000	35,000 ft	34	-
LATLON	-	118.00000	10,668 m		
5500N11700E	-	55.00000	35,000 ft	34	-
LATLON	-	117.00000	10,668 m		
5500N11600E	-	55.00000	35,000 ft	34	-
LATLON	-	116.00000	10,668 m		
5500N11500E	-	55.00000	35,000 ft	34	-
LATLON	-	115.00000	10,668 m		
5500N11400E	-	55.00000	35,000 ft	34	-
LATLON	-	114.00000	10,668 m		
5500N11300E	-	55.00000	35,000 ft	34	-
LATLON	-	113.00000	10,668 m		
5400N11100E	-	54.00000	35,000 ft	92	-
LATLON	-	111.00000	10,668 m		
5400N11000E	-	54.00000	35,000 ft	35	-
LATLON	-	110.00000	10,668 m		
5400N10900E	-	54.00000	35,000 ft	35	-
LATLON	-	109.00000	10,668 m		
5400N10800E	-	54.00000	35,000 ft	35	-
LATLON	-	108.00000	10,668 m		
5400N10700E	-	54.00000	35,000 ft	35	-
LATLON	-	107.00000	10,668 m		
5300N10500E	-	53.00000	35,000 ft	93	-
LATLON	-	105.00000	10,668 m		
5300N10400E	-	53.00000	35,000 ft	36	-
LATLON	-	104.00000	10,668 m		
5300N10300E	-	53.00000	35,000 ft	36	-
LATLON	-	103.00000	10,668 m		
5300N10200E	-	53.00000	35,000 ft	36	-
LATLON	-	102.00000	10,668 m		
5300N10100E	-	53.00000	35,000 ft	36	-
LATLON	-	101.00000	10,668 m		
5200N09900E	-	52.00000	35,000 ft	94	-
LATLON	-	99.00000	10,668 m		
5200N09800E	-	52.00000	35,000 ft	36	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	98.00000	10,668 m		
5100N09600E	-	51.00000	35,000 ft	95	-
LATLON	-	96.00000	10,668 m		
5100N09500E	-	51.00000	35,000 ft	37	-
LATLON	-	95.00000	10,668 m		
5100N09400E	-	51.00000	35,000 ft	37	-
LATLON	-	94.00000	10,668 m		
5100N09300E	-	51.00000	35,000 ft	37	-
LATLON	-	93.00000	10,668 m		
5000N09100E	-	50.00000	35,000 ft	97	-
LATLON	-	91.00000	10,668 m		
5000N09000E	-	50.00000	35,000 ft	38	-
LATLON	-	90.00000	10,668 m		
4900N08800E	-	49.00000	35,000 ft	98	-
LATLON	-	88.00000	10,668 m		
4800N08600E	-	48.00000	35,000 ft	99	-
LATLON	-	86.00000	10,668 m		
4700N08400E	-	47.00000	35,000 ft	100	-
LATLON	-	84.00000	10,668 m		
4600N08200E	-	46.00000	35,000 ft	102	-
LATLON	-	82.00000	10,668 m		
4500N08000E	-	45.00000	35,000 ft	103	-
LATLON	-	80.00000	10,668 m		
4400N07800E	-	44.00000	35,000 ft	104	-
LATLON	-	78.00000	10,668 m		
4300N07600E	-	43.00000	35,000 ft	105	-
LATLON	-	76.00000	10,668 m		
4200N07400E	-	42.00000	35,000 ft	106	-
LATLON	-	74.00000	10,668 m		
4000N07200E	-	40.00000	35,000 ft	150	-
LATLON	-	72.00000	10,668 m		
3900N07000E	-	39.00000	35,000 ft	110	-
LATLON	-	70.00000	10,668 m		
3800N06800E	-	38.00000	35,000 ft	111	-
LATLON	-	68.00000	10,668 m		
3700N06700E	-	37.00000	35,000 ft	76	-
LATLON	-	67.00000	10,668 m		
3600N06600E	-	36.00000	35,000 ft	77	-
LATLON	-	66.00000	10,668 m		
3400N06400E	-	34.00000	35,000 ft	155	-
LATLON	-	64.00000	10,668 m		
3300N06300E	-	33.00000	35,000 ft	78	-
LATLON	-	63.00000	10,668 m		
3200N06200E	-	32.00000	35,000 ft	78	-
LATLON	-	62.00000	10,668 m		
3000N06000E	-	30.00000	35,000 ft	158	-
LATLON	-	60.00000	10,668 m		
2900N05900E	-	29.00000	35,000 ft	79	-
LATLON	-	59.00000	10,668 m		
2700N05700E	-	27.00000	29,300 ft	160	-
LATLON	-	57.00000	8,931 m		
2600N05600E	-	26.00000	12,000 ft	80	-
LATLON	-	56.00000	3,658 m		
OMDB	-	25.25110	0 ft	56	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: 9.259 E

METAR

PHNL 110914Z 36003KT 10SM SCT027 BKN037 OVC045 23/18 A2997

TAF

PHNL 110903Z 1109/1212 VRB03KT P6SM VCSH SCT025 BKN045 FM112000 08010KT P6SM VCSH SCT020 BKN035 FM120600 05005KT

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: 2.353 E

METAR

OMDB 110900Z 33008KT 290V360 CAVOK 32/20 Q1009 NOSIG

TAF

TAF OMDB 110500Z 1106/1212 21005KT 8000 NSC BECMG 1106/1108 33013KT BECMG 1117/1119 10005KT PROB30 1200/1204 4000

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	299.15		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