

KLAX

Los Angeles Intl

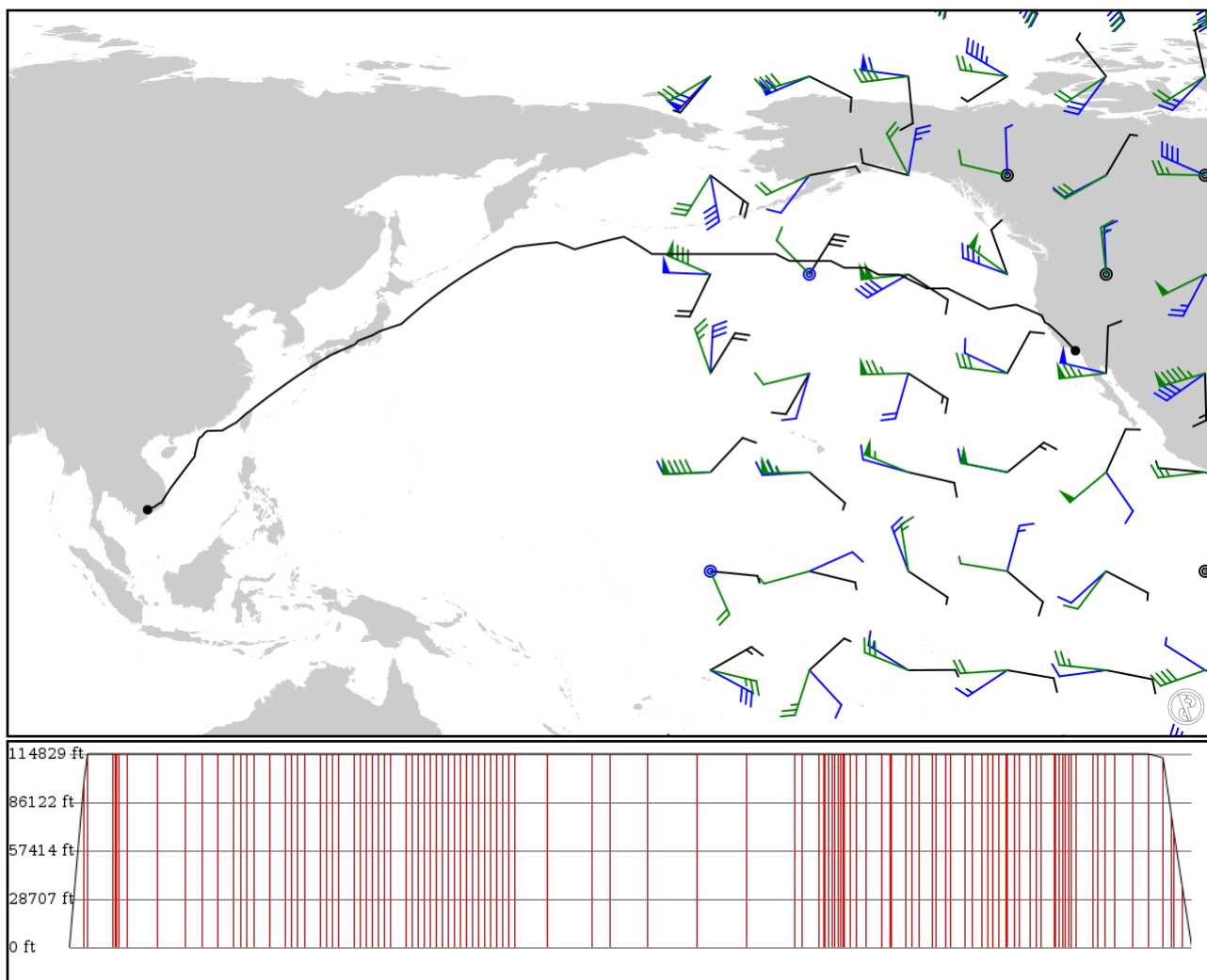
VVTS

Tan Son Nhat Intl

2024/05/10 0647Z

KLAX DERBB J1 OAK V107 PYE J143 ENI C1486 VESPA 4000N13100W 4100N13300W 4200N13500W 4300N13700W
4300N13800W 4300N13900W 4300N14000W 4400N14200W 4500N14400W 4500N14500W 4500N14600W 4500N14700W
4600N14900W 4600N15000W 4600N15100W 4600N15200W 4700N15400W 4700N15500W 4700N15600W 4700N15700W
4700N15800W 4700N15900W 4700N16000W 4800N16200W 4800N16300W 4800N16400W 4800N16500W 4800N16600W
4800N16700W 4800N16800W 4800N16900W 4800N17000W 4800N17100W 4800N17200W 4800N17300W 4800N17400W
4800N17500W 4800N17600W 4800N17700W 4800N17800W 4800N17900W 4800N18100E 4800N18000W 4800N18000E
LYYLE R336 CARTO ASPIN OMOTO R580 OATIS Y889 DAIGO Y88 SWING Y121 LABEL Y50 KOSHI A1 HLG HLG A1
MKG MKG A1 MAGOG V512 FISHA LAKES OCEAN BETTY TAPPO LEMON V12 EPDOS L642 SOSPA W15 VETOM VVTS

7477.75 nm / 13848.80 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 500kts
- 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
KLAX APT	-	33.94310 -118.40900	0 ft 0 m	-	Los Angeles Intl
DERBB FIX	-	35.25590 -119.64100	29,800 ft 9,083 m	99	-
AVE VOR	J1 AWY-HI	35.64700 -119.97900	35,000 ft 10,668 m	28	AVENAL
OAK VOR	J1 AWY-HI	37.72590 -122.22400	35,000 ft 10,668 m	165	OAKLAND
COMMO FIX	V107 AWY-LO	37.87420 -122.49200	35,000 ft 10,668 m	15	-
MICRA FIX	V107 AWY-LO	37.95740 -122.64400	35,000 ft 10,668 m	8	-
PYE VOR	V107 AWY-LO	38.07980 -122.86800	35,000 ft 10,668 m	12	POINT REYES
ENI VOR	J143 AWY-HI	39.05320 -123.27400	35,000 ft 10,668 m	61	MENDOCINO (UKIAH)
VESPA FIX	C1486 AWY-HI	40.62530 -127.00000	35,000 ft 10,668 m	196	-
4000N13100W LATLON	-	40.00000 -131.00000	35,000 ft 10,668 m	186	-
4100N13300W LATLON	-	41.00000 -133.00000	35,000 ft 10,668 m	109	-
4200N13500W LATLON	-	42.00000 -135.00000	35,000 ft 10,668 m	108	-
4300N13700W LATLON	-	43.00000 -137.00000	35,000 ft 10,668 m	106	-
4300N13800W LATLON	-	43.00000 -138.00000	35,000 ft 10,668 m	43	-
4300N13900W LATLON	-	43.00000 -139.00000	35,000 ft 10,668 m	43	-
4300N14000W LATLON	-	43.00000 -140.00000	35,000 ft 10,668 m	43	-
4400N14200W LATLON	-	44.00000 -142.00000	35,000 ft 10,668 m	105	-
4500N14400W LATLON	-	45.00000 -144.00000	35,000 ft 10,668 m	104	-
4500N14500W LATLON	-	45.00000 -145.00000	35,000 ft 10,668 m	42	-
4500N14600W LATLON	-	45.00000 -146.00000	35,000 ft 10,668 m	42	-
4500N14700W LATLON	-	45.00000 -147.00000	35,000 ft 10,668 m	42	-
4600N14900W LATLON	-	46.00000 -149.00000	35,000 ft 10,668 m	103	-
4600N15000W LATLON	-	46.00000 -150.00000	35,000 ft 10,668 m	41	-
4600N15100W LATLON	-	46.00000 -151.00000	35,000 ft 10,668 m	41	-
4600N15200W LATLON	-	46.00000 -152.00000	35,000 ft 10,668 m	41	-
4700N15400W LATLON	-	47.00000 -154.00000	35,000 ft 10,668 m	102	-
4700N15500W	-	47.00000	35,000 ft	40	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-155.00000	10,668 m		
4700N15600W	-	47.00000	35,000 ft	40	-
LATLON	-	-156.00000	10,668 m		
4700N15700W	-	47.00000	35,000 ft	40	-
LATLON	-	-157.00000	10,668 m		
4700N15800W	-	47.00000	35,000 ft	40	-
LATLON	-	-158.00000	10,668 m		
4700N15900W	-	47.00000	35,000 ft	40	-
LATLON	-	-159.00000	10,668 m		
4700N16000W	-	47.00000	35,000 ft	40	-
LATLON	-	-160.00000	10,668 m		
4800N16200W	-	48.00000	35,000 ft	100	-
LATLON	-	-162.00000	10,668 m		
4800N16300W	-	48.00000	35,000 ft	40	-
LATLON	-	-163.00000	10,668 m		
4800N16400W	-	48.00000	35,000 ft	40	-
LATLON	-	-164.00000	10,668 m		
4800N16500W	-	48.00000	35,000 ft	40	-
LATLON	-	-165.00000	10,668 m		
4800N16600W	-	48.00000	35,000 ft	40	-
LATLON	-	-166.00000	10,668 m		
4800N16700W	-	48.00000	35,000 ft	40	-
LATLON	-	-167.00000	10,668 m		
4800N16800W	-	48.00000	35,000 ft	40	-
LATLON	-	-168.00000	10,668 m		
4800N16900W	-	48.00000	35,000 ft	40	-
LATLON	-	-169.00000	10,668 m		
4800N17000W	-	48.00000	35,000 ft	40	-
LATLON	-	-170.00000	10,668 m		
4800N17100W	-	48.00000	35,000 ft	40	-
LATLON	-	-171.00000	10,668 m		
4800N17200W	-	48.00000	35,000 ft	40	-
LATLON	-	-172.00000	10,668 m		
4800N17300W	-	48.00000	35,000 ft	40	-
LATLON	-	-173.00000	10,668 m		
4800N17400W	-	48.00000	35,000 ft	40	-
LATLON	-	-174.00000	10,668 m		
4800N17500W	-	48.00000	35,000 ft	40	-
LATLON	-	-175.00000	10,668 m		
4800N17600W	-	48.00000	35,000 ft	40	-
LATLON	-	-176.00000	10,668 m		
4800N17700W	-	48.00000	35,000 ft	40	-
LATLON	-	-177.00000	10,668 m		
4800N17800W	-	48.00000	35,000 ft	40	-
LATLON	-	-178.00000	10,668 m		
4800N17900W	-	48.00000	35,000 ft	40	-
LATLON	-	-179.00000	10,668 m		
4800N18100E	-	48.00000	35,000 ft	0	-
LATLON	-	-179.00000	10,668 m		
4800N18000W	-	48.00000	35,000 ft	40	-
LATLON	-	-180.00000	10,668 m		
4800N18000E	-	48.00000	35,000 ft	0	-
LATLON	-	-180.00000	10,668 m		
LYYLE	-	50.51520	35,000 ft	219	-
FIX	-	175.94500	10,668 m		
CARTO	R336	48.67570	35,000 ft	299	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	168.78300	10,668 m		
ASPIN	-	49.69890	35,000 ft	117	-
FIX	-	166.21700	10,668 m		
OMOTO	-	48.99520	35,000 ft	246	-
FIX	-	160.01100	10,668 m		
OPULO	R580	45.53090	35,000 ft	330	-
FIX	AWY-HI	153.72000	10,668 m		
ONEMU	R580	41.73950	35,000 ft	330	-
FIX	AWY-HI	148.21700	10,668 m		
OATIS	R580	37.81640	35,000 ft	319	-
FIX	AWY-HI	143.54000	10,668 m		
ESCAL	Y889	37.48490	35,000 ft	53	-
FIX	AWY-HI	142.49900	10,668 m		
DAIGO	Y889	36.74440	35,000 ft	112	-
FIX	AWY-HI	140.35000	10,668 m		
JD	Y88	36.48730	35,000 ft	28	NIKKO (UTSUNOMIYA)
NDB	AWY-HI	139.86300	10,668 m		
AKAGI	Y88	36.39120	35,000 ft	9	-
FIX	AWY-HI	139.69900	10,668 m		
GYODA	Y88	36.16390	35,000 ft	23	-
FIX	AWY-HI	139.31100	10,668 m		
KINPU	Y88	35.95490	35,000 ft	29	-
FIX	AWY-HI	138.75200	10,668 m		
CHINO	Y88	35.88430	35,000 ft	10	-
FIX	AWY-HI	138.56500	10,668 m		
TENRU	Y88	35.66960	35,000 ft	30	-
FIX	AWY-HI	138.00700	10,668 m		
SENJO	Y88	35.59930	35,000 ft	10	-
FIX	AWY-HI	137.81100	10,668 m		
NAKTU	Y88	35.46710	35,000 ft	18	-
FIX	AWY-HI	137.46300	10,668 m		
SWING	Y88	35.38940	35,000 ft	11	-
FIX	AWY-HI	137.25800	10,668 m		
CBE	Y121	34.85800	35,000 ft	38	CHUBU
VOR	AWY-HI	136.80300	10,668 m		
LABEL	Y121	34.58780	35,000 ft	34	-
FIX	AWY-HI	136.18100	10,668 m		
BALSA	Y50	34.03650	35,000 ft	70	-
FIX	AWY-LO	134.91500	10,668 m		
SUKMO	Y50	33.25560	35,000 ft	97	-
FIX	AWY-LO	133.19600	10,668 m		
DONKY	Y50	32.65650	35,000 ft	62	-
FIX	AWY-LO	132.18500	10,668 m		
LEONA	Y50	32.59280	35,000 ft	6	-
FIX	AWY-LO	132.07700	10,668 m		
HKC	Y50	31.69720	35,000 ft	93	KAGOSHIMA
VOR	AWY-LO	130.58300	10,668 m		
KOSHI	Y50	31.28850	35,000 ft	40	-
FIX	AWY-LO	129.96500	10,668 m		
JEDAI	A1	30.77460	35,000 ft	49	-
FIX	AWY-HI	129.20100	10,668 m		
RUSAR	A1	29.86500	35,000 ft	89	-
FIX	AWY-HI	127.83700	10,668 m		
AKVAS	A1	29.58700	35,000 ft	25	-
FIX	AWY-HI	127.46500	10,668 m		
URUMA	A1	28.97010	35,000 ft	59	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	126.57900	10,668 m		
SAPET	A1	28.63710	35,000 ft	30	-
FIX	AWY-HI	126.13100	10,668 m		
IGMON	A1	27.62210	35,000 ft	96	-
FIX	AWY-HI	124.72100	10,668 m		
BULAN	A1	27.09170	35,000 ft	49	-
FIX	AWY-HI	124.00000	10,668 m		
OSTAR	A1	26.33170	35,000 ft	70	-
FIX	AWY-HI	123.00000	10,668 m		
AISAR	A1	25.94750	35,000 ft	35	-
FIX	AWY-HI	122.49300	10,668 m		
DRAKE	A1	25.61560	35,000 ft	30	-
FIX	AWY-HI	122.07800	10,668 m		
ANNNA	A1	25.57180	35,000 ft	4	-
FIX	AWY-HI	122.02200	10,668 m		
APU	A1	25.17690	35,000 ft	36	ANBU (TAIPEI)
VOR	AWY-HI	121.52200	10,668 m		
HLG	A1	24.64000	35,000 ft	51	HOULONG VOR-DME
DME	AWY-HI	120.78300	10,668 m		
HLG	-	24.55980	35,000 ft	5	HOULONG
VOR	-	120.72700	10,668 m		
SWORD	A1	24.00250	35,000 ft	48	-
FIX	AWY-HI	120.09400	10,668 m		
MKG	A1	23.59540	35,000 ft	35	MAGONG (PENGHU ISLAND)
VOR	AWY-HI	119.63700	10,668 m		
MKG	-	23.56170	35,000 ft	2	MAGONG TACAN
DME	-	119.62800	10,668 m		
KADLO	A1	22.95510	35,000 ft	70	-
FIX	AWY-HI	118.54200	10,668 m		
ANPOG	A1	22.60420	35,000 ft	38	-
FIX	AWY-HI	117.95400	10,668 m		
ELATO	A1	22.33330	35,000 ft	29	-
FIX	AWY-HI	117.50000	10,668 m		
MAGOG	A1	22.29610	35,000 ft	93	-
FIX	AWY-HI	115.82500	10,668 m		
ENPET	V512	22.29250	35,000 ft	7	-
FIX	AWY-HI	115.69000	10,668 m		
FISHA	V512	22.28270	35,000 ft	19	-
FIX	AWY-HI	115.33700	10,668 m		
LAKES	-	21.97810	35,000 ft	29	-
FIX	-	114.91100	10,668 m		
OCEAN	-	21.81190	35,000 ft	11	-
FIX	-	114.81300	10,668 m		
BETTY	-	21.48630	35,000 ft	24	-
FIX	-	114.55900	10,668 m		
TAPPO	-	21.32240	35,000 ft	20	-
FIX	-	114.24300	10,668 m		
LEMON	-	20.93790	35,000 ft	26	-
FIX	-	114.00100	10,668 m		
EPDOS	V12	19.00000	35,000 ft	119	-
FIX	AWY-HI	113.55500	10,668 m		
ENBOK	L642	18.55670	35,000 ft	26	-
FIX	AWY-HI	113.49200	10,668 m		
EPKAL	L642	17.85830	35,000 ft	51	-
FIX	AWY-HI	112.95500	10,668 m		
EGEMU	L642	17.00000	35,000 ft	64	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	112.28300	10,668 m		
EXOTO	L642	15.35830	35,000 ft	121	-
FIX	AWY-HI	111.05000	10,668 m		
VEPAM	L642	13.96670	35,000 ft	103	-
FIX	AWY-HI	110.00000	10,668 m		
KARAN	L642	12.64890	34,300 ft	93	-
FIX	AWY-HI	109.15700	10,455 m		
SOSPA	L642	11.83390	23,900 ft	57	-
FIX	AWY-HI	108.64100	7,285 m		
LKH	W15	11.75410	20,800 ft	17	LIEN KHUONG
VOR	AWY-HI	108.35500	6,340 m		
VETOM	W15	11.23310	11,000 ft	54	-
FIX	AWY-HI	107.60700	3,353 m		
VVTS	-	10.81870	0 ft	61	Tan Son Nhat Intl
APT	-	106.65200	0 m		

KLAX

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.441 E

METAR

KLAX 100553Z 28004KT 10SM FEW012 OVC016 15/12 A2999 RMK A02 SLP153 T01500117 10183 20150 51009 \$

TAF

KLAX 100520Z 1006/1112 VRB03KT P6SM BKN012 FM101800 26008KT P6SM BKN012 FM102200 26015KT P6SM SKC FM110200 26008KT

Frequencies

COM - 122.95 MHz - UNICOM	GND - 121.65 MHz - LOS ANGELES GROUND
GND - 121.75 MHz - LOS ANGELES GROUND	GND - 121.40 MHz - LOS ANGELES GROUND
TWR - 119.80 MHz - LOS ANGELES TOWER	TWR - 120.95 MHz - LOS ANGELES TOWER
TWR - 133.90 MHz - LOS ANGELES TOWER	REC - 133.80 MHz - D-ATIS
REC - 135.65 MHz - D-ATIS	APP - 124.90 MHz - SOCAL APPROACH
APP - 124.30 MHz - SOCAL APPROACH	APP - 124.50 MHz - SOCAL APPROACH
APP - 128.50 MHz - SOCAL APPROACH	DEP - 125.20 MHz - SOCAL DEPARTURE
DEP - 124.30 MHz - SOCAL DEPARTURE	CLD - 120.35 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	200 ft	11,106 ft	82.96	CONCRETE	0 ft	381 ft
	61 m	3,385 m	71.52		0 m	116 m
25L	200 ft	11,106 ft	262.98	CONCRETE	0 ft	381 ft
	61 m	3,385 m	251.54		0 m	116 m
07L	151 ft	12,935 ft	82.95	CONCRETE	846 ft	374 ft
	46 m	3,943 m	71.51		258 m	114 m
25R	151 ft	12,935 ft	262.98	CONCRETE	968 ft	197 ft
	46 m	3,943 m	251.53		295 m	60 m
06R	151 ft	10,896 ft	82.95	CONCRETE	551 ft	384 ft
	46 m	3,321 m	71.51		168 m	117 m
24L	151 ft	10,896 ft	262.97	CONCRETE	814 ft	384 ft
	46 m	3,321 m	251.53		248 m	117 m
06L	151 ft	8,936 ft	82.95	CONCRETE	0 ft	0 ft
	46 m	2,724 m	71.51		0 m	0 m
24R	151 ft	8,936 ft	262.96	CONCRETE	0 ft	285 ft
	46 m	2,724 m	251.52		0 m	87 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	IUWU	108.50 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
06R	DME	IGPE	111.70 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
07L	DME	IIAS	111.10 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
07R	DME	IMKZ	109.90 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
24L	DME	IHQB	111.70 MHz	18 nm	-	-	133 ft
				33 km	-		133 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24R	DME	IOSS	108.50 MHz	18 nm 33 km	- -	-	133 ft 133 m
25L	DME	ILAX	109.90 MHz	18 nm 33 km	- -	-	126 ft 126 m
25R	DME	ICFN	111.10 MHz	18 nm 33 km	- -	-	126 ft 126 m
06L	LOC-ILS	IUWU	108.50 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
06R	LOC-ILS	IGPE	111.70 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
07L	LOC-ILS	IIAS	111.10 MHz	18 nm 33 km	82.98 71.54	-	125 ft 125 m
07R	LOC-ILS	IMKZ	109.90 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
24L	LOC-ILS	IHQB	111.70 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
24R	LOC-ILS	IOSS	108.50 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25L	LOC-ILS	ILAX	109.90 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25R	LOC-ILS	ICFN	111.10 MHz	18 nm 33 km	262.98 251.54	-	125 ft 125 m
06L	GS	IUWU	108.50 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
06R	GS	IGPE	111.70 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
07L	GS	IIAS	111.10 MHz	10 nm 19 km	82.98 71.54	3.00	125 ft 125 m
07R	GS	IMKZ	109.90 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
24L	GS	IHQB	111.70 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
24R	GS	IOSS	108.50 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25L	GS	ILAX	109.90 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25R	GS	ICFN	111.10 MHz	10 nm 19 km	262.98 251.54	3.00	125 ft 125 m

VVTS

Region: VIETNAM
Timezone: ASIA/HO_CHI_MINH
Runways: 2

Elevation: 33 ft / 10 m
Location: 10.818700 106.652000
Magnetic Var: 0.666 W

METAR

VVTS 100630Z 18008G19KT 130V280 9999 SCT020 38/22 Q1008 NOSIG

TAF

TAF VVTS 100500Z 1006/1112 15008KT 9999 SCT017 TEMPO 1007/1012 TS SCT015 FEW017CB

Frequencies

REC - 128.00 MHz - TAN SON NHAT ATIS	TWR - 118.70 MHz - TAN SON NHAT TOWER
TWR - 130.00 MHz - TAN SON NHAT TOWER	GND - 121.60 MHz - TAN SON NHAT GROUND
GND - 121.75 MHz - TAN SON NHAT GROUND	GND - 121.90 MHz - TAN SON NHAT GROUND
GND - 121.97 MHz - TAN SON NHAT GROUND	CLD - 123.60 MHz -
CLD - 121.80 MHz -	TAN SON NHAT CLEARANCE DELIVERY
TAN SON NHAT CLEARANCE DELIVERY	APP - 126.35 MHz - TAN SON NHAT APPROACH
APP - 125.50 MHz - TAN SON NHAT APPROACH	GND - 125.50 MHz -
GND - 124.07 MHz -	TAN SON NHAT TERMINAL CONTROL AREA
TAN SON NHAT TERMINAL CONTROL AREA	APP - 127.72 MHz - TAN SON NHAT ARRIVAL
APP - 126.35 MHz - TAN SON NHAT ARRIVAL	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	148 ft	12,541 ft	68.98	CONCRETE	2,513 ft	853 ft
	45 m	3,822 m	69.64		766 m	260 m
25L	148 ft	12,541 ft	248.98	CONCRETE	0 ft	1,030 ft
	45 m	3,822 m	249.65		0 m	314 m
07L	148 ft	10,009 ft	68.96	CONCRETE	0 ft	1,030 ft
	45 m	3,051 m	69.63		0 m	314 m
25R	148 ft	10,009 ft	248.97	CONCRETE	0 ft	1,033 ft
	45 m	3,051 m	249.63		0 m	315 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
25L	DME	SGN	108.30 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
25R	DME	HCM	110.50 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
07R	LOC-ILS	ITS	111.70 MHz	18 nm	68.98	-	33 ft
				33 km	69.65		33 m
25L	LOC-ILS	SGN	108.30 MHz	18 nm	248.98	-	33 ft
				33 km	249.65		33 m
25R	LOC-ILS	HCM	110.50 MHz	18 nm	248.97	-	33 ft
				33 km	249.64		33 m
07R	GS	ITS	111.70 MHz	10 nm	68.98	3.00	33 ft
				19 km	69.65		33 m
25L	GS	SGN	108.30 MHz	10 nm	248.98	3.00	33 ft
				19 km	249.65		33 m
25R	GS	HCM	110.50 MHz	10 nm	248.97	3.00	33 ft
				19 km	249.64		33 m