

# KSFO

San Francisco Intl

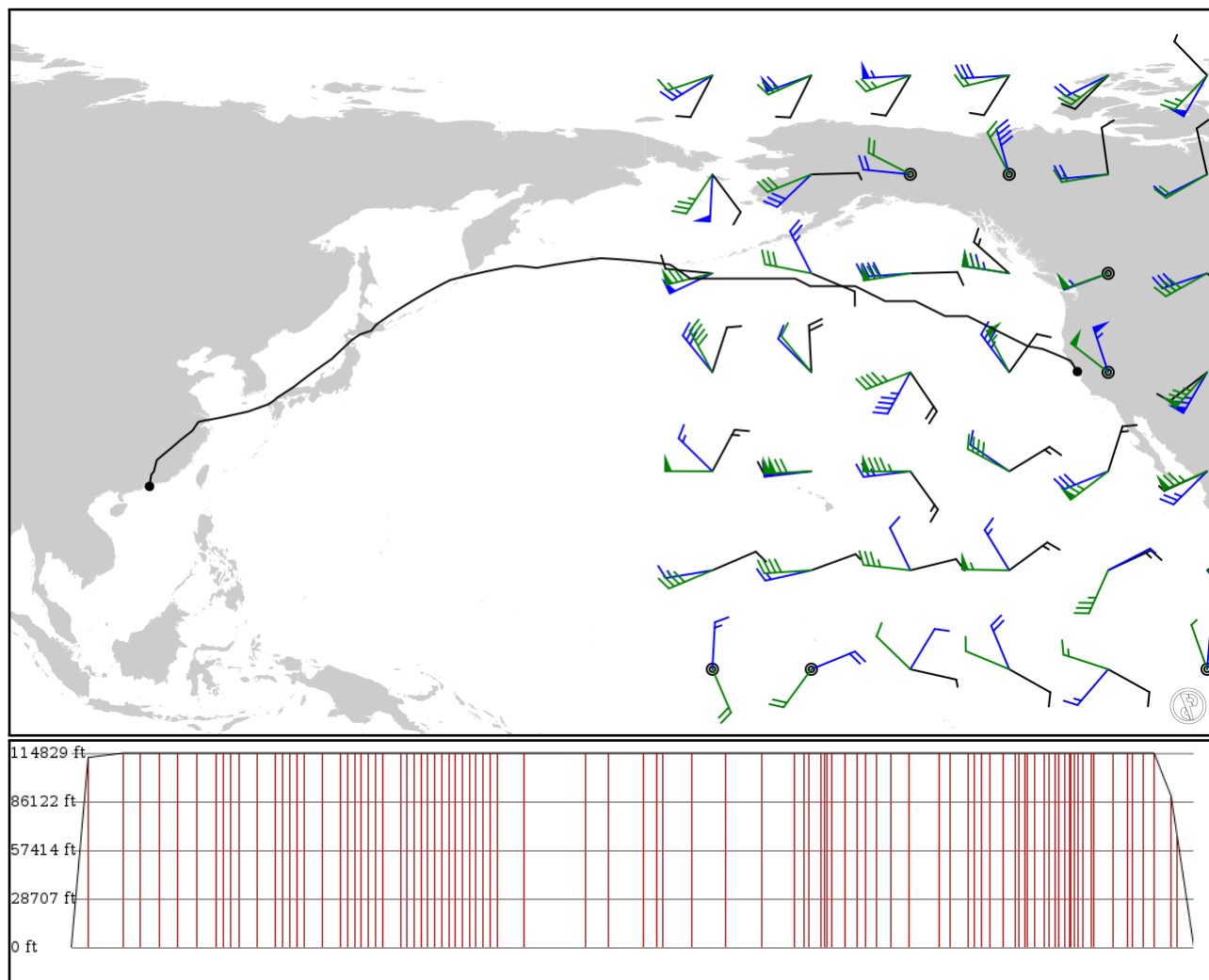
# VHHH

Hong Kong Intl

2024/05/29 0311Z

KSFO ENI **C1486** VESPA 4100N12900W 4200N13100W 4300N13300W 4400N13500W 4500N13700W 4500N13800W  
4500N13900W 4500N14000W 4600N14200W 4700N14400W 4700N14500W 4700N14600W 4700N14700W 4700N14800W  
4800N15000W 4900N15200W 4900N15300W 4900N15400W 4900N15500W 4900N15600W 4900N15700W 4900N15800W  
5000N16000W 5000N16100W 5000N16200W 5000N16300W 5000N16400W 5000N16500W 5000N16600W 5000N16700W  
5000N16800W 5000N16900W 5000N17000W 5000N17100W 5000N17200W 5000N17300W 5000N17400W ADK **J115** SYA  
**G215** OLCOT NUZAN KUNAD **G815** OTLER **B932** TBE **V4** EATAK **Y101** MKE **Y14** HWE **Y12** TAPPI **Z16** MIHOU **Y14** DGC  
**Y28** ISAKY **Z20** POTET **A593** PUD **A599** JTN JTN **A599** PLT **W19** BILAT VHHH

6279.70 nm / 11630.00 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: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSFO	-	37.61850	0 ft	-	San Francisco Intl
APT	-	-122.37500	0 m		
ENI	-	39.05320	34,200 ft	96	MENDOCINO (UKIAH)
VOR	-	-123.27400	10,424 m		
VESPA	C1486	40.62530	35,000 ft	196	-
FIX	AWY-HI	-127.00000	10,668 m		
4100N12900W	-	41.00000	35,000 ft	93	-
LATLON	-	-129.00000	10,668 m		
4200N13100W	-	42.00000	35,000 ft	108	-
LATLON	-	-131.00000	10,668 m		
4300N13300W	-	43.00000	35,000 ft	106	-
LATLON	-	-133.00000	10,668 m		
4400N13500W	-	44.00000	35,000 ft	105	-
LATLON	-	-135.00000	10,668 m		
4500N13700W	-	45.00000	35,000 ft	104	-
LATLON	-	-137.00000	10,668 m		
4500N13800W	-	45.00000	35,000 ft	42	-
LATLON	-	-138.00000	10,668 m		
4500N13900W	-	45.00000	35,000 ft	42	-
LATLON	-	-139.00000	10,668 m		
4500N14000W	-	45.00000	35,000 ft	42	-
LATLON	-	-140.00000	10,668 m		
4600N14200W	-	46.00000	35,000 ft	103	-
LATLON	-	-142.00000	10,668 m		
4700N14400W	-	47.00000	35,000 ft	102	-
LATLON	-	-144.00000	10,668 m		
4700N14500W	-	47.00000	35,000 ft	40	-
LATLON	-	-145.00000	10,668 m		
4700N14600W	-	47.00000	35,000 ft	40	-
LATLON	-	-146.00000	10,668 m		
4700N14700W	-	47.00000	35,000 ft	40	-
LATLON	-	-147.00000	10,668 m		
4700N14800W	-	47.00000	35,000 ft	40	-
LATLON	-	-148.00000	10,668 m		
4800N15000W	-	48.00000	35,000 ft	100	-
LATLON	-	-150.00000	10,668 m		
4900N15200W	-	49.00000	35,000 ft	99	-
LATLON	-	-152.00000	10,668 m		
4900N15300W	-	49.00000	35,000 ft	39	-
LATLON	-	-153.00000	10,668 m		
4900N15400W	-	49.00000	35,000 ft	39	-
LATLON	-	-154.00000	10,668 m		
4900N15500W	-	49.00000	35,000 ft	39	-
LATLON	-	-155.00000	10,668 m		
4900N15600W	-	49.00000	35,000 ft	39	-
LATLON	-	-156.00000	10,668 m		
4900N15700W	-	49.00000	35,000 ft	39	-
LATLON	-	-157.00000	10,668 m		
4900N15800W	-	49.00000	35,000 ft	39	-
LATLON	-	-158.00000	10,668 m		
5000N16000W	-	50.00000	35,000 ft	98	-
LATLON	-	-160.00000	10,668 m		
5000N16100W	-	50.00000	35,000 ft	38	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-161.00000	10,668 m		
5000N16200W	-	50.00000	35,000 ft	38	-
LATLON	-	-162.00000	10,668 m		
5000N16300W	-	50.00000	35,000 ft	38	-
LATLON	-	-163.00000	10,668 m		
5000N16400W	-	50.00000	35,000 ft	38	-
LATLON	-	-164.00000	10,668 m		
5000N16500W	-	50.00000	35,000 ft	38	-
LATLON	-	-165.00000	10,668 m		
5000N16600W	-	50.00000	35,000 ft	38	-
LATLON	-	-166.00000	10,668 m		
5000N16700W	-	50.00000	35,000 ft	38	-
LATLON	-	-167.00000	10,668 m		
5000N16800W	-	50.00000	35,000 ft	38	-
LATLON	-	-168.00000	10,668 m		
5000N16900W	-	50.00000	35,000 ft	38	-
LATLON	-	-169.00000	10,668 m		
5000N17000W	-	50.00000	35,000 ft	38	-
LATLON	-	-170.00000	10,668 m		
5000N17100W	-	50.00000	35,000 ft	38	-
LATLON	-	-171.00000	10,668 m		
5000N17200W	-	50.00000	35,000 ft	38	-
LATLON	-	-172.00000	10,668 m		
5000N17300W	-	50.00000	35,000 ft	38	-
LATLON	-	-173.00000	10,668 m		
5000N17400W	-	50.00000	35,000 ft	38	-
LATLON	-	-174.00000	10,668 m		
ADK	-	51.87190	35,000 ft	151	MOUNT MOFFETT
NDB	-	-176.67600	10,668 m		
SYA	J115	52.72200	35,000 ft	343	SHEMYA
NDB	AWY-HI	174.06000	10,668 m		
PLADO	G215	52.25450	35,000 ft	131	-
FIX	AWY-HI	170.53400	10,668 m		
OLCOT	G215	51.43020	35,000 ft	191	-
FIX	AWY-HI	165.55600	10,668 m		
NUZAN	-	51.65760	35,000 ft	72	-
FIX	-	163.64500	10,668 m		
KUNAD	-	51.69420	35,000 ft	37	-
FIX	-	162.64400	10,668 m		
DIROS	G815	50.90220	35,000 ft	160	-
FIX	AWY-HI	158.56100	10,668 m		
OTLER	G815	49.80310	35,000 ft	187	-
FIX	AWY-HI	153.97900	10,668 m		
NETRI	B932	47.65500	35,000 ft	203	-
FIX	AWY-HI	150.00100	10,668 m		
DONIS	B932	45.64670	35,000 ft	180	-
FIX	AWY-HI	146.73300	10,668 m		
NOTLU	B932	45.02140	35,000 ft	54	-
FIX	AWY-HI	145.79500	10,668 m		
ODERI	B932	44.65000	35,000 ft	32	-
FIX	AWY-HI	145.25600	10,668 m		
TBE	B932	43.88490	35,000 ft	65	MEMANBETSU
VOR	AWY-HI	144.16600	10,668 m		
GINGA	V4	43.62740	35,000 ft	18	-
FIX	AWY-HI	143.95300	10,668 m		
TBE30	V4	43.45570	35,000 ft	11	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	143.81300	10,668 m		
EATAK	V4	43.06840	35,000 ft	27	-
FIX	AWY-HI	143.49300	10,668 m		
MKE	Y101	42.55500	35,000 ft	74	MUKAWA (SAPPORO)
VOR	AWY-HI	141.95600	10,668 m		
HWE	Y14	41.77400	35,000 ft	68	HAKODATE
VOR	AWY-HI	140.83200	10,668 m		
TAPPI	Y12	41.13480	35,000 ft	48	-
FIX	AWY-HI	140.16500	10,668 m		
SKIPE	Z16	40.31020	35,000 ft	64	-
FIX	AWY-HI	139.27400	10,668 m		
GNITS	Z16	39.28960	35,000 ft	78	-
FIX	AWY-HI	138.21100	10,668 m		
TAXUK	Z16	38.14480	35,000 ft	103	-
FIX	AWY-HI	136.56300	10,668 m		
SPIDR	Z16	36.25310	35,000 ft	166	-
FIX	AWY-HI	134.01600	10,668 m		
MIHOU	Z16	35.53110	35,000 ft	62	-
FIX	AWY-HI	133.09400	10,668 m		
HALNA	Y14	34.53380	35,000 ft	97	-
FIX	AWY-HI	131.53600	10,668 m		
STOUT	Y14	34.19070	35,000 ft	33	-
FIX	AWY-HI	131.01600	10,668 m		
DGC	Y14	33.67620	35,000 ft	43	FUKUOKA
VOR	AWY-HI	130.39000	10,668 m		
ISAKY	Y28	33.20620	35,000 ft	46	-
FIX	AWY-HI	129.65300	10,668 m		
CAMAS	Z20	32.72250	35,000 ft	75	-
FIX	AWY-HI	128.26200	10,668 m		
POTET	Z20	32.28000	35,000 ft	67	-
FIX	AWY-HI	127.04000	10,668 m		
ONIKU	A593	32.19500	35,000 ft	20	-
FIX	AWY-HI	126.65500	10,668 m		
NIRAT	A593	32.06500	35,000 ft	31	-
FIX	AWY-HI	126.05800	10,668 m		
PONIK	A593	32.00580	35,000 ft	14	-
FIX	AWY-HI	125.78300	10,668 m		
SADLI	A593	31.83330	35,000 ft	41	-
FIX	AWY-HI	124.99800	10,668 m		
LAMEN	A593	31.61000	35,000 ft	52	-
FIX	AWY-HI	124.00000	10,668 m		
AKARA	A593	31.50000	35,000 ft	26	-
FIX	AWY-HI	123.50000	10,668 m		
DUMET	A593	31.36170	35,000 ft	38	-
FIX	AWY-HI	122.77500	10,668 m		
IPRAG	A593	31.29670	35,000 ft	17	-
FIX	AWY-HI	122.44200	10,668 m		
PUD	A593	31.17170	35,000 ft	34	PUDONG
VOR	AWY-HI	121.78300	10,668 m		
JTN	A599	31.12330	35,000 ft	22	JIUTING
VOR	AWY-HI	121.34200	10,668 m		
JTN	-	31.12500	35,000 ft	0	JIUTING VOR-DME
DME	-	121.34000	10,668 m		
OLGAP	A599	31.07330	35,000 ft	10	-
FIX	AWY-HI	121.15000	10,668 m		
LURMA	A599	30.97500	35,000 ft	21	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	120.74800	10,668 m		
NXD	A599	30.89670	35,000 ft	17	NANXUN
VOR	AWY-HI	120.43000	10,668 m		
KAKIS	A599	30.48330	35,000 ft	28	-
FIX	AWY-HI	120.14700	10,668 m		
TOL	A599	29.76330	35,000 ft	50	TONGLU
VOR	AWY-HI	119.66000	10,668 m		
ELNEX	A599	29.63170	35,000 ft	11	-
FIX	AWY-HI	119.49000	10,668 m		
SHR	A599	28.41670	35,000 ft	108	SHANGRAO
VOR	AWY-HI	117.97000	10,668 m		
XUVGI	A599	27.52000	35,000 ft	77	-
FIX	AWY-HI	116.92200	10,668 m		
NF	A599	27.20830	35,000 ft	26	NANFENG
NDB	AWY-HI	116.55800	10,668 m		
SAGON	A599	26.50170	35,000 ft	62	-
FIX	AWY-HI	115.70800	10,668 m		
PLT	A599	25.80830	35,000 ft	61	PANLONG
VOR	AWY-HI	114.87500	10,668 m		
MABAG	W19	24.31330	27,300 ft	91	-
FIX	AWY-HI	114.50700	8,321 m		
BILAT	W19	23.86830	20,200 ft	33	-
FIX	AWY-HI	114.14700	6,157 m		
VHHH	-	22.30890	0 ft	94	Hong Kong Intl
APT	-	113.91500	0 m		

## KSFO

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 4

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.838 E

## METAR

KSFO 290256Z 28021G27KT 10SM FEW030 FEW200 16/08 A3006 RMK A02 PK WND 29027/0256 SLP178 T01610083 56006

## TAF

KSFO 290236Z 2903/3006 27015KT P6SM FEW026 FEW200 FM290900 27015KT P6SM BKN015 FM291700 27012KT P6SM SCT015 FM292

## Frequencies

REC - 113.70 MHz - D-ATIS	REC - 115.80 MHz - D-ATIS
REC - 118.85 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.20 MHz -	GND - 121.80 MHz - SAN FRANCISCO GROUND
SAN FRANCISCO CLEARANCE DELIVERY	APP - 134.50 MHz - NORCAL APPROACH
TWR - 120.50 MHz - SAN FRANCISCO TOWER	APP - 128.57 MHz - NORCAL APPROACH
APP - 128.32 MHz - NORCAL APPROACH	DEP - 120.90 MHz - NORCAL DEPARTURE
APP - 133.95 MHz - NORCAL APPROACH	
DEP - 135.10 MHz - NORCAL DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	200 ft	11,859 ft	117.90	ASPHALT	0 ft	876 ft
	61 m	3,615 m	105.06		0 m	267 m
28R	200 ft	11,859 ft	297.92	ASPHALT	302 ft	318 ft
	61 m	3,615 m	285.08		92 m	97 m
10R	200 ft	11,371 ft	117.90	ASPHALT	0 ft	748 ft
	61 m	3,466 m	105.06		0 m	228 m
28L	200 ft	11,371 ft	297.92	ASPHALT	305 ft	322 ft
	61 m	3,466 m	285.08		93 m	98 m
01R	200 ft	8,665 ft	27.71	ASPHALT	564 ft	404 ft
	61 m	2,641 m	14.87		172 m	123 m
19L	200 ft	8,665 ft	207.72	ASPHALT	0 ft	443 ft
	61 m	2,641 m	194.88		0 m	135 m
01L	200 ft	7,664 ft	27.71	ASPHALT	643 ft	469 ft
	61 m	2,336 m	14.87		196 m	143 m
19R	200 ft	7,664 ft	207.72	ASPHALT	0 ft	446 ft
	61 m	2,336 m	194.88		0 m	136 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	DME	ISIA	108.90 MHz	18 nm	-	-	24 ft
				33 km	-		24 m
28L	DME	ISFO	109.55 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
28R	DME	IGWQ	111.70 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28R	DME	IFNP	110.75 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
19L	LOC-ILS	ISIA	108.90 MHz	18 nm	207.72	-	13 ft
				33 km	194.88		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	ISFO	109.55 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.88		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.07		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.07		13 m



## VHHH

Region: HONG KONG  
Timezone: UNKNOWN  
Runways: 2

Elevation: 27 ft / 8 m  
Location: 22.308900 113.915000  
Magnetic Var: 3.241 W

## METAR

VHHH 290300Z 08017KT 9999 FEW025 SCT035 27/19 Q1006 NOSIG

## TAF

TAF VHHH 290200Z 2903/3009 10015KT 9999 FEW020 SCT030 TX30/2906Z TX30/3006Z TN26/2922Z

## Frequencies

REC - 128.20 MHz - D-ATIS	REC - 127.05 MHz - D-ATIS
GND - 121.60 MHz - HONG KONG GROUND	GND - 122.55 MHz - HONG KONG GROUND
GND - 121.87 MHz - HONG KONG GROUND	TWR - 118.20 MHz - HONG KONG TOWER
TWR - 118.40 MHz - HONG KONG TOWER	TWR - 118.70 MHz - HONG KONG TOWER
CLD - 124.65 MHz - HONG KONG CLEARANCE DELIVERY	CLD - 129.90 MHz - HONG KONG CLEARANCE DELIVERY
DEP - 122.00 MHz - HONG KONG DEPARTURE	DEP - 123.80 MHz - HONG KONG DEPARTURE
DEP - 124.05 MHz - HONG KONG DEPARTURE	APP - 119.10 MHz - HONG KONG APPROACH
APP - 119.35 MHz - HONG KONG APPROACH	APP - 119.55 MHz - HONG KONG DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	197 ft	12,462 ft	70.77	ASPHALT	554 ft	974 ft
	60 m	3,799 m	74.01		169 m	297 m
25R	197 ft	12,462 ft	250.79	ASPHALT	571 ft	978 ft
	60 m	3,799 m	254.03		174 m	298 m
07R	197 ft	12,463 ft	70.79	ASPHALT	518 ft	886 ft
	60 m	3,799 m	74.03		158 m	270 m
25L	197 ft	12,463 ft	250.80	ASPHALT	0 ft	981 ft
	60 m	3,799 m	254.04		0 m	299 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IZSL	111.10 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
07R	DME	ISR	109.30 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25L	DME	IFL	108.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25R	DME	ITFR	110.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
07L	LOC-ILS	IZSL	111.10 MHz	18 nm	70.78	-	27 ft
				33 km	74.02		27 m
07R	LOC-ILS	ISR	109.30 MHz	18 nm	70.79	-	27 ft
				33 km	74.03		27 m
25L	LOC-ILS	IFL	108.90 MHz	18 nm	250.79	-	27 ft
				33 km	254.03		27 m
25R	LOC-ILS	ITFR	110.90 MHz	18 nm	250.78	-	27 ft
				33 km	254.02		27 m
07L	GS	IZSL	111.10 MHz	10 nm	70.78	3.00	27 ft
				19 km	74.02		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07R	GS	ISR	109.30 MHz	10 nm	70.79	3.00	27 ft
				19 km	74.03		27 m
25L	GS	IFL	108.90 MHz	10 nm	250.79	3.00	27 ft
				19 km	254.03		27 m
25R	GS	ITFR	110.90 MHz	10 nm	250.78	3.00	27 ft
				19 km	254.02		27 m