

# KSFO

San Francisco Intl

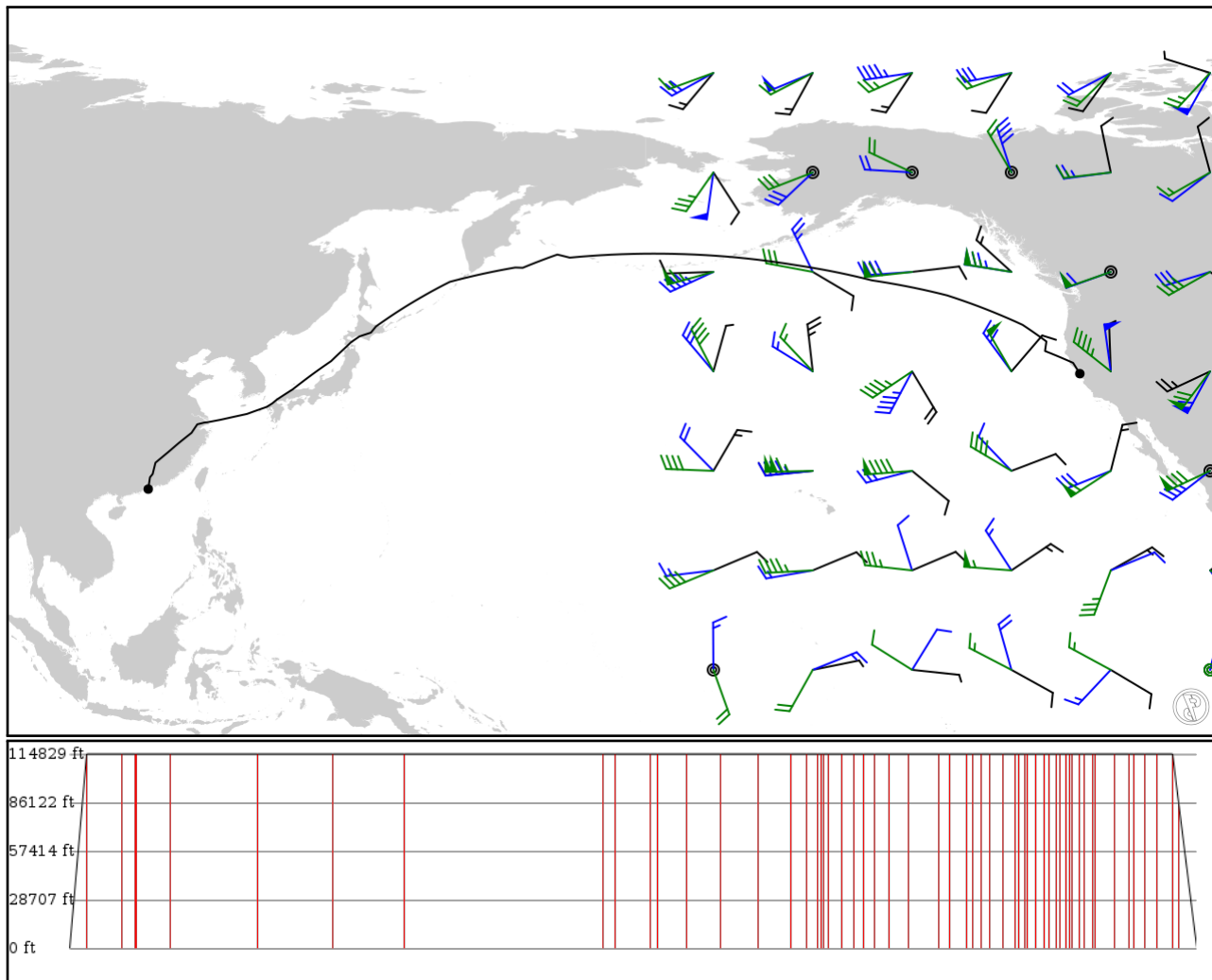
# VHHH

Hong Kong Intl

2024/05/05 1239Z

KSFO ENI **C1486** VESPA MITOH NATTE **E** OPAKE NYMPH **R220** 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

6207.78 nm / 11496.80 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 325kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes

- Use low airways: yes
  - Use high airways: yes
- Using PACOT tracks from 8/8/2019

## 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	35,000 ft	96	MENDOCINO (UKIAH)
VOR	-	-123.27400	10,668 m		
VESPA	C1486	40.62530	35,000 ft	196	-
FIX	AWY-HI	-127.00000	10,668 m		
MITOH	-	41.79030	35,000 ft	70	-
FIX	-	-126.83100	10,668 m		
NATTE	-	41.89310	35,000 ft	6	-
FIX	-	-126.82100	10,668 m		
ZANNG	E	44.09280	35,000 ft	191	-
FIX	PACOT	-129.97700	10,668 m		
48N140W	E	48.00000	35,000 ft	478	-
LATLON	PACOT	-140.00000	10,668 m		
50N150W	E	50.00000	35,000 ft	411	-
LATLON	PACOT	-150.00000	10,668 m		
52N160W	E	52.00000	35,000 ft	396	-
LATLON	PACOT	-160.00000	10,668 m		
OPAKE	E	53.00120	35,000 ft	1094	-
FIX	PACOT	169.89300	10,668 m		
NYMPH	-	53.40880	35,000 ft	64	-
FIX	-	168.24000	10,668 m		
NUZAN	R220	51.65760	35,000 ft	198	-
FIX	AWY-HI	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		
ODERI	B932	44.65000	35,000 ft	86	-
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	-
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	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
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		
NXD	A599	30.89670	35,000 ft	38	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

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
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	35,000 ft	91	-
FIX	AWY-HI	114.50700	10,668 m		
BILAT	W19	23.86830	26,100 ft	33	-
FIX	AWY-HI	114.14700	7,955 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: 12.845 E

## METAR

KSFO 051156Z 27012KT 10SM FEW100 09/06 A2997 RMK A02 SLP150 70095 T00940056 10111 20094 53008 \$

## TAF

TAF KSFO 051120Z 0512/0618 29015KT P6SM BKN250 FM052100 28014G24KT P6SM BKN250 FM060400 28014KT P6SM SCT250 FM061

## 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	105.05		0 m	267 m
28R	200 ft	11,859 ft	297.92	ASPHALT	302 ft	318 ft
	61 m	3,615 m	285.07		92 m	97 m
10R	200 ft	11,371 ft	117.90	ASPHALT	0 ft	748 ft
	61 m	3,466 m	105.05		0 m	228 m
28L	200 ft	11,371 ft	297.92	ASPHALT	305 ft	322 ft
	61 m	3,466 m	285.07		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	194.87		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: 3.237 W

## METAR

VHHH 051200Z 32003KT 9999 FEW015 SCT025 27/23 Q1010 NOSIG

## TAF

TAF VHHH 051100Z 0512/0618 VRB05KT 9999 FEW015 SCT030 TX30/0606Z TN25/0522Z BECMG 0602/0604 27010KT TEMPO 0607/06

## 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	254.02		174 m	298 m
07R	197 ft	12,463 ft	70.79	ASPHALT	518 ft	886 ft
	60 m	3,799 m	74.02		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