

# KSFO

San Francisco Intl

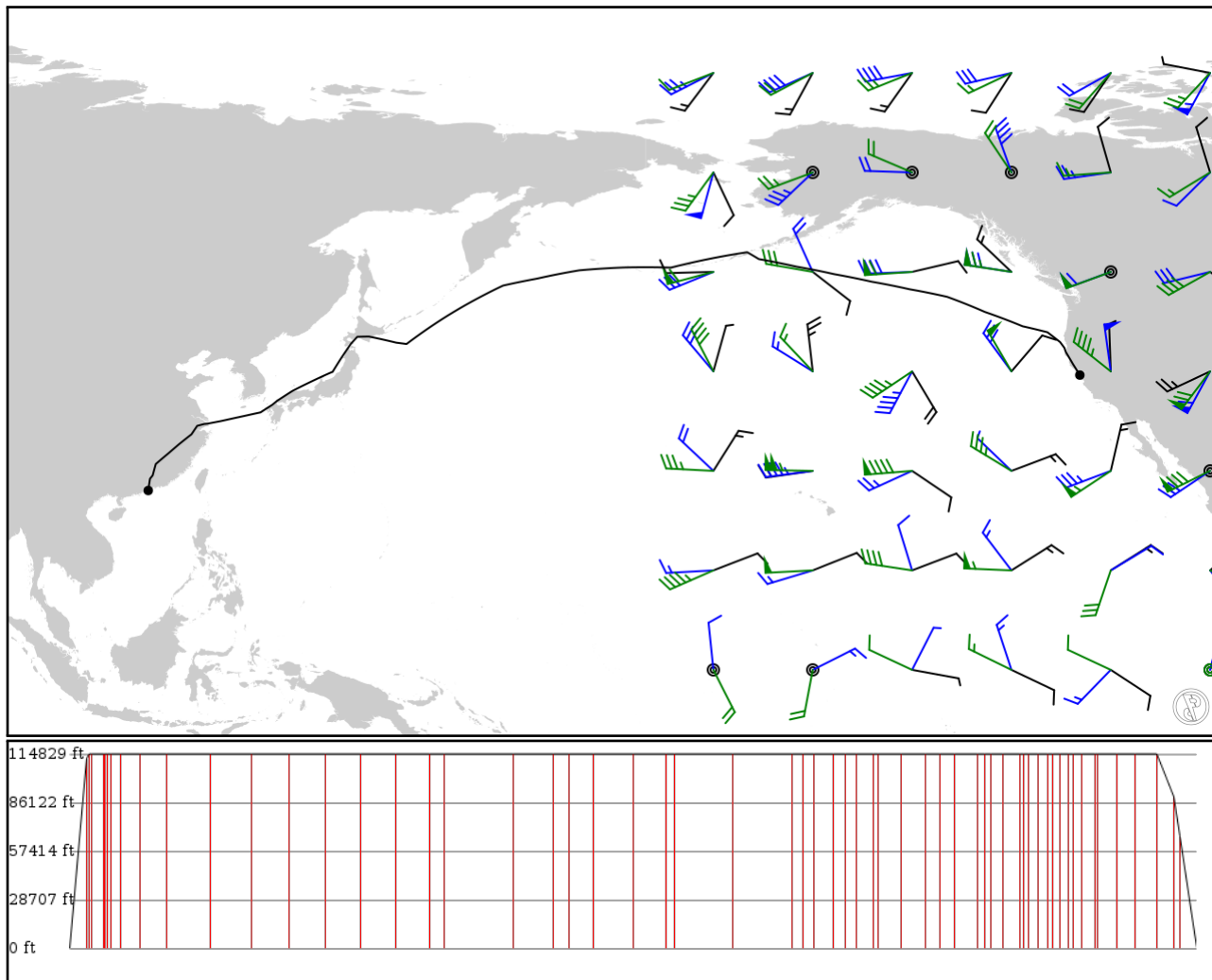
# VHHH

Hong Kong Intl

2024/05/11 1417Z

KSFO ENI **V27** FOT **V494** DUHJY 4200N12500W HEMLO ZANNG 4600N13500W 4800N14000W 4900N14500W  
5000N15000W 5100N15500W 5200N16000W 5300N16500W DUT **T227** ADK **R451** OGDEN **R580** ONEMU NANNO **OTR1** OBE  
**V6** CHE **Y12** HWE **Y14** NI HOTAL **Y14** JEC **V30** DGC IMARI **V28** FU **A593** JTN **A599** KOW **W19** BILAT VHHH

6333.80 nm / 11730.20 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 350kts
- 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	-	37.61867	0 ft	-	San Francisco Intl
APT	-	-122.37501	0 m		
ENI	-	39.05322	34,200 ft	96	MENDOCINO VORTAC
VOR	-	-123.27433	10,424 m		
MERRI	V27	39.29646	35,000 ft	16	-
FIX	AWY-LO	-123.41539	10,668 m		
FLUEN	V27	39.54662	35,000 ft	16	-
FIX	AWY-LO	-123.56174	10,668 m		
OLRIO	V27	40.51994	35,000 ft	64	-
FIX	AWY-LO	-124.14256	10,668 m		
FOT	V27	40.67128	35,000 ft	10	FORTUNA VORTAC
VOR	AWY-LO	-124.23453	10,668 m		
FOYTE	V494	40.84019	35,000 ft	10	-
FIX	AWY-LO	-124.29413	10,668 m		
OCEAN	V494	40.91286	35,000 ft	4	-
FIX	AWY-LO	-124.31987	10,668 m		
DUHJY	V494	41.23420	35,000 ft	19	-
FIX	AWY-LO	-124.43438	10,668 m		
4200N12500W	-	42.00000	35,000 ft	52	-
LATLON	-	-125.00000	10,668 m		
HEMLO	-	43.30241	35,000 ft	107	-
FIX	-	-126.68067	10,668 m		
ZANNG	-	44.09333	35,000 ft	150	-
FIX	-	-129.97833	10,668 m		
4600N13500W	-	46.00000	35,000 ft	241	-
LATLON	-	-135.00000	10,668 m		
4800N14000W	-	48.00000	35,000 ft	237	-
LATLON	-	-140.00000	10,668 m		
4900N14500W	-	49.00000	35,000 ft	207	-
LATLON	-	-145.00000	10,668 m		
5000N15000W	-	50.00000	35,000 ft	204	-
LATLON	-	-150.00000	10,668 m		
5100N15500W	-	51.00000	35,000 ft	200	-
LATLON	-	-155.00000	10,668 m		
5200N16000W	-	52.00000	35,000 ft	196	-
LATLON	-	-160.00000	10,668 m		
5300N16500W	-	53.00000	35,000 ft	192	-
LATLON	-	-165.00000	10,668 m		
DUT	-	53.90514	35,000 ft	77	DUTCH HARBOR NDB
NDB	-	-166.54786	10,668 m		
ADK	T227	51.87189	35,000 ft	386	MOUNT MOFFETT NDB
NDB	AWY-LO	-176.67600	10,668 m		
CHIKI	R451	51.88828	35,000 ft	230	-
FIX	AWY-HI	177.10253	10,668 m		
WALLT	R451	51.78131	35,000 ft	82	-
FIX	AWY-HI	174.88250	10,668 m		
AAMYY	R451	51.50522	35,000 ft	139	-
FIX	AWY-HI	171.15325	10,668 m		
POWAL	R451	50.40572	35,000 ft	223	-
FIX	AWY-HI	165.51350	10,668 m		
OGDEN	R451	49.48692	35,000 ft	181	-
FIX	AWY-HI	161.03764	10,668 m		
OMOTO	R580	48.99522	35,000 ft	49	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	160.01086	10,668 m		
OPULO	R580	45.53094	35,000 ft	330	-
FIX	AWY-LO	153.72000	10,668 m		
ONEMU	R580	41.73947	35,000 ft	330	-
FIX	AWY-LO	148.21742	10,668 m		
NANNO	-	41.91667	35,000 ft	61	-
FIX	-	146.86000	10,668 m		
NOSLY	OTR1	42.23433	35,000 ft	62	-
FIX	AWY-LO	145.51510	10,668 m		
OBE	OTR1	42.73396	35,000 ft	105	OBIHIRO VOR-DME
VOR	AWY-LO	143.22045	10,668 m		
CHE	V6	42.69990	35,000 ft	67	CHITOSE VOR-DME
VOR	AWY-LO	141.68617	10,668 m		
HWE	Y12	41.77403	35,000 ft	67	HAKODATE VOR-DME
VOR	AWY-LO	140.83222	10,668 m		
ARIKA	Y14	40.44353	35,000 ft	89	-
FIX	AWY-LO	139.92769	10,668 m		
NYUDO	Y14	40.05079	35,000 ft	26	-
FIX	AWY-LO	139.66411	10,668 m		
NI	Y14	38.06579	35,000 ft	132	SADO NDB
NDB	AWY-LO	138.40986	10,668 m		
HOTAL	-	36.92303	35,000 ft	137	-
FIX	-	135.90707	10,668 m		
SAMON	Y14	36.24290	35,000 ft	79	-
FIX	AWY-LO	134.50332	10,668 m		
JEC	Y14	35.53112	35,000 ft	80	MIHO VORTAC
VOR	AWY-LO	133.09391	10,668 m		
TTE	V30	34.19071	35,000 ft	130	TOYOTA VOR-DME
VOR	AWY-LO	131.01619	10,668 m		
DGC	V30	33.67621	35,000 ft	43	FUKUOKA VORTAC
VOR	AWY-LO	130.38963	10,668 m		
IMARI	-	33.38080	35,000 ft	29	-
FIX	-	129.92827	10,668 m		
FU	V28	32.67077	35,000 ft	69	FUKUE NDB
NDB	AWY-LO	128.83144	10,668 m		
POTET	A593	32.28002	35,000 ft	93	-
FIX	AWY-LO	127.03966	10,668 m		
ONIKU	A593	32.19500	35,000 ft	20	-
FIX	AWY-LO	126.65472	10,668 m		
NIRAT	A593	32.06500	35,000 ft	31	-
FIX	AWY-LO	126.05806	10,668 m		
SADLI	A593	31.83333	35,000 ft	55	-
FIX	AWY-LO	124.99833	10,668 m		
LAMEN	A593	31.61000	35,000 ft	52	-
FIX	AWY-LO	124.00000	10,668 m		
AKARA	A593	31.50000	35,000 ft	26	-
FIX	AWY-LO	123.50000	10,668 m		
DUMET	A593	31.36167	35,000 ft	38	-
FIX	AWY-LO	122.77500	10,668 m		
PUD	A593	31.16833	35,000 ft	52	PUDONG VOR-DME
VOR	AWY-LO	121.78000	10,668 m		
JTN	A593	31.12500	35,000 ft	22	JIUTING VOR-DME
VOR	AWY-LO	121.34000	10,668 m		
SX	A599	30.88333	35,000 ft	49	NANXUN NDB
NDB	AWY-LO	120.41667	10,668 m		
TOL	A599	29.76333	35,000 ft	77	TONGLU VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	119.65833	10,668 m		
ELNEX	A599	29.63167	35,000 ft	11	-
FIX	AWY-LO	119.49000	10,668 m		
SHR	A599	28.41667	35,000 ft	108	SHANGRAO VOR-DME
VOR	AWY-LO	117.96667	10,668 m		
NF	A599	27.21667	35,000 ft	103	NANFENG NDB
NDB	AWY-LO	116.56667	10,668 m		
KOW	A599	25.82167	35,000 ft	122	GANZHOU VOR-DME
VOR	AWY-LO	114.91500	10,668 m		
MABAG	W19	24.31333	27,300 ft	93	-
FIX	AWY-LO	114.50667	8,321 m		
BILAT	W19	23.86833	20,200 ft	33	-
FIX	AWY-LO	114.14667	6,157 m		
VHHH	-	22.30899	0 ft	94	Hong Kong Intl
APT	-	113.91461	0 m		

## KSFO

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

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.843 E

## METAR

KSFO 111356Z 30004KT 10SM FEW008 14/11 A2993 RMK AO2 SLP136 T01390106 \$

## TAF

KSFO 111133Z 1112/1218 32006KT P6SM SCT250 FM112000 28016KT P6SM SCT250 FM120600 26009KT 6SM BR SCT015

## 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	285.08		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	285.08		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: 3.238 W

## METAR

VHHH 111400Z 10008KT 9999 FEW015 27/23 Q1013 NOSIG

## TAF

TAF VHHH 111400Z 1115/1221 12010KT 9999 FEW015 SCT025 TX31/1206Z TN25/1122Z TEMPO 1120/1124 VRB05KT 4000 SHRA FEW

## 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	74.03		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