

# KSFO

San Francisco International

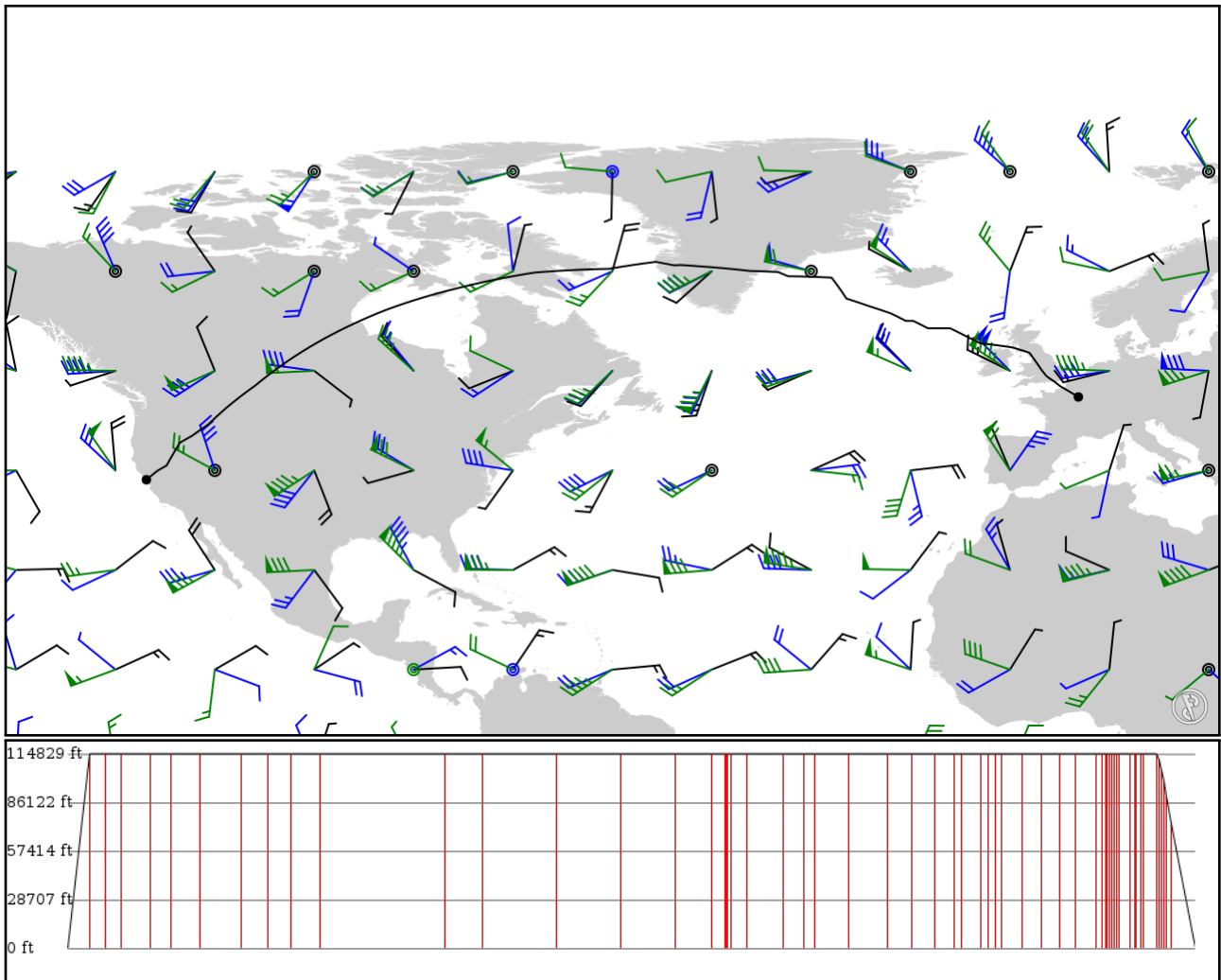
# LFFG

La Ferte Gaucher

2024/05/23 0739Z

KSFO COLOM **J32** FMG **J7** GTF **J530** YYN **NCAE** EPMAN HB UNVIG KUGAM GILPO AMINI **UT597** DA DEVNU **UT594**  
SOSIT 6200N02800W 6100N02500W 6000N02200W 5900N02000W 5900N01900W 5800N01700W 5800N01600W  
5800N01500W 5800N01400W 5700N01200W MIMKU **N562** MAC **UN57** DCS **L612** WOD **UM605** PETAX **UZ296** VELOL LFFG

5045.81 nm / 9344.84 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 International
APT	-	-122.37500	0 m		
COLOM	-	38.83900	35,000 ft	102	-
FIX	-	-120.87000	10,668 m		
FMG	J32	39.53130	35,000 ft	70	MUSTANG (RENO)
VOR	AWY-HI	-119.65600	10,668 m		
GASSI	J7	40.57170	35,000 ft	68	-
FIX	AWY-HI	-119.06800	10,668 m		
REO	J7	42.59050	35,000 ft	132	ROME
VOR	AWY-HI	-117.86800	10,668 m		
BOI	J7	43.55280	35,000 ft	93	BOISE
VOR	AWY-HI	-116.19200	10,668 m		
LKT	J7	45.02130	35,000 ft	126	SALMON
VOR	AWY-HI	-114.08400	10,668 m		
GTF	J7	47.45000	35,000 ft	183	GREAT FALLS
VOR	AWY-HI	-111.41200	10,668 m		
GGRBI	J530	49.00000	35,000 ft	121	-
FIX	AWY-HI	-109.45800	10,668 m		
YYN	J530	50.29700	35,000 ft	103	SWIFT CURRENT
VOR	AWY-HI	-107.69100	10,668 m		
ELTAX	NCAE	51.95700	35,000 ft	127	-
FIX	AWY-HI	-105.59500	10,668 m		
YYQ	NCAE	58.74170	35,000 ft	563	CHURCHILL
VOR	AWY-HI	-94.13530	10,668 m		
090E	NCAE	60.50000	35,000 ft	164	-
FIX	AWY-HI	-90.00000	10,668 m		
KASIT	NCAE	63.50000	35,000 ft	334	-
FIX	AWY-HI	-80.00000	10,668 m		
BERAK	NCAE	65.50000	35,000 ft	284	-
FIX	AWY-HI	-70.00000	10,668 m		
EPMAN	NCAE	66.00000	35,000 ft	248	-
FIX	AWY-HI	-60.00000	10,668 m		
HB	-	66.93580	35,000 ft	161	HOLSTEINSBORG
NDB	-	-53.69920	10,668 m		
UNVIG	-	66.52750	35,000 ft	56	-
FIX	-	-51.53390	10,668 m		
KUGAM	-	66.47310	35,000 ft	10	-
FIX	-	-51.13080	10,668 m		
GILPO	-	66.47140	35,000 ft	1	-
FIX	-	-51.05530	10,668 m		
AMINI	-	66.51690	35,000 ft	16	-
FIX	-	-50.39500	10,668 m		
BADEG	UT597	66.31670	35,000 ft	70	-
FIX	AWY-HI	-47.50000	10,668 m		
EBEXI	UT597	65.71670	35,000 ft	162	-
FIX	AWY-HI	-41.00000	10,668 m		
DA	UT597	65.57010	35,000 ft	94	KULUSUK
NDB	AWY-HI	-37.20710	10,668 m		
DEVNU	-	65.00470	35,000 ft	47	-
FIX	-	-35.87970	10,668 m		
SOSIT	UT594	64.81670	35,000 ft	150	-
FIX	AWY-HI	-30.00000	10,668 m		
6200N02800W	-	62.00000	35,000 ft	177	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-28.00000	10,668 m		
6100N02500W	-	61.00000	35,000 ft	104	-
LATLON	-	-25.00000	10,668 m		
6000N02200W	-	60.00000	35,000 ft	107	-
LATLON	-	-22.00000	10,668 m		
5900N02000W	-	59.00000	35,000 ft	85	-
LATLON	-	-20.00000	10,668 m		
5900N01900W	-	59.00000	35,000 ft	30	-
LATLON	-	-19.00000	10,668 m		
5800N01700W	-	58.00000	35,000 ft	86	-
LATLON	-	-17.00000	10,668 m		
5800N01600W	-	58.00000	35,000 ft	31	-
LATLON	-	-16.00000	10,668 m		
5800N01500W	-	58.00000	35,000 ft	31	-
LATLON	-	-15.00000	10,668 m		
5800N01400W	-	58.00000	35,000 ft	31	-
LATLON	-	-14.00000	10,668 m		
5700N01200W	-	57.00000	35,000 ft	88	-
LATLON	-	-12.00000	10,668 m		
MIMKU	-	56.00000	35,000 ft	89	-
FIX	-	-10.00000	10,668 m		
DONIB	N562	55.71920	35,000 ft	79	-
FIX	AWY-HI	-7.69556	10,668 m		
MAC	N562	55.43000	35,000 ft	71	MACHRIHANISH
VOR	AWY-HI	-5.65041	10,668 m		
DCS	UN57	54.72190	35,000 ft	90	DEAN CROSS VOR-DME
DME	AWY-HI	-3.34056	10,668 m		
LAKEY	L612	54.23890	35,000 ft	31	-
FIX	AWY-LO	-2.98111	10,668 m		
VAMEB	L612	54.00280	35,000 ft	15	-
FIX	AWY-LO	-2.80889	10,668 m		
OBUNI	L612	53.91110	35,000 ft	5	-
FIX	AWY-LO	-2.74250	10,668 m		
CALDA	L612	53.77420	35,000 ft	8	-
FIX	AWY-LO	-2.64389	10,668 m		
CROFT	L612	53.62690	35,000 ft	9	-
FIX	AWY-LO	-2.53889	10,668 m		
BARTN	L612	53.47060	35,000 ft	10	-
FIX	AWY-LO	-2.42806	10,668 m		
LOVEL	L612	53.25170	35,000 ft	14	-
FIX	AWY-LO	-2.27444	10,668 m		
LISTO	L612	53.14330	35,000 ft	7	-
FIX	AWY-LO	-2.19917	10,668 m		
HON	L612	52.35670	35,000 ft	51	HONILEY
VOR	AWY-LO	-1.66373	10,668 m		
IXURA	L612	52.06810	35,000 ft	19	-
FIX	AWY-LO	-1.42778	10,668 m		
EMKUK	L612	51.97690	35,000 ft	6	-
FIX	AWY-LO	-1.35417	10,668 m		
COWLY	L612	51.61610	35,000 ft	24	-
FIX	AWY-LO	-1.06500	10,668 m		
WOD	L612	51.45280	35,000 ft	12	WOODLEY
NDB	AWY-LO	-0.87880	10,668 m		
SFD	UM605	50.76070	35,000 ft	56	SEAFORD
VOR	AWY-HI	0.12191	10,668 m		
WAFFU	UM605	50.58250	33,900 ft	13	-

Ident Type	Via	Lat Lon	Alt		Dist (nm)	Name
FIX	AWY-HI	0.34972	10,333 m			
HARDY	UM605	50.47110	32,100 ft	8	-	
FIX	AWY-HI	0.49111	9,784 m			
XIDIL	UM605	50.35170	30,100 ft	9	-	
FIX	AWY-HI	0.64139	9,174 m			
PETAX	UM605	50.18670	27,400 ft	12	-	
FIX	AWY-HI	0.84806	8,352 m			
VELOL	UZ296	49.93860	22,500 ft	22	-	
FIX	AWY-HI	1.28667	6,858 m			
LFFG	-	48.75720	0 ft	105	La Ferte Gaucher	
APT	-	3.27878	0 m			

## KSFO

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

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.840 E

## METAR

KSFO 230656Z 27017KT 10SM CLR 12/07 A2992 RMK A02 PK WND 28028/0625 SLP132 T01220072 CHINO RWY L10 VISNO \$

## TAF

TAF AMD KSFO 230650Z 2307/2412 28015G25KT P6SM SKC FM230900 28015KT P6SM SKC FM232200 28018G28KT P6SM SKC FM240500

## 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