

# KSFO

San Francisco International

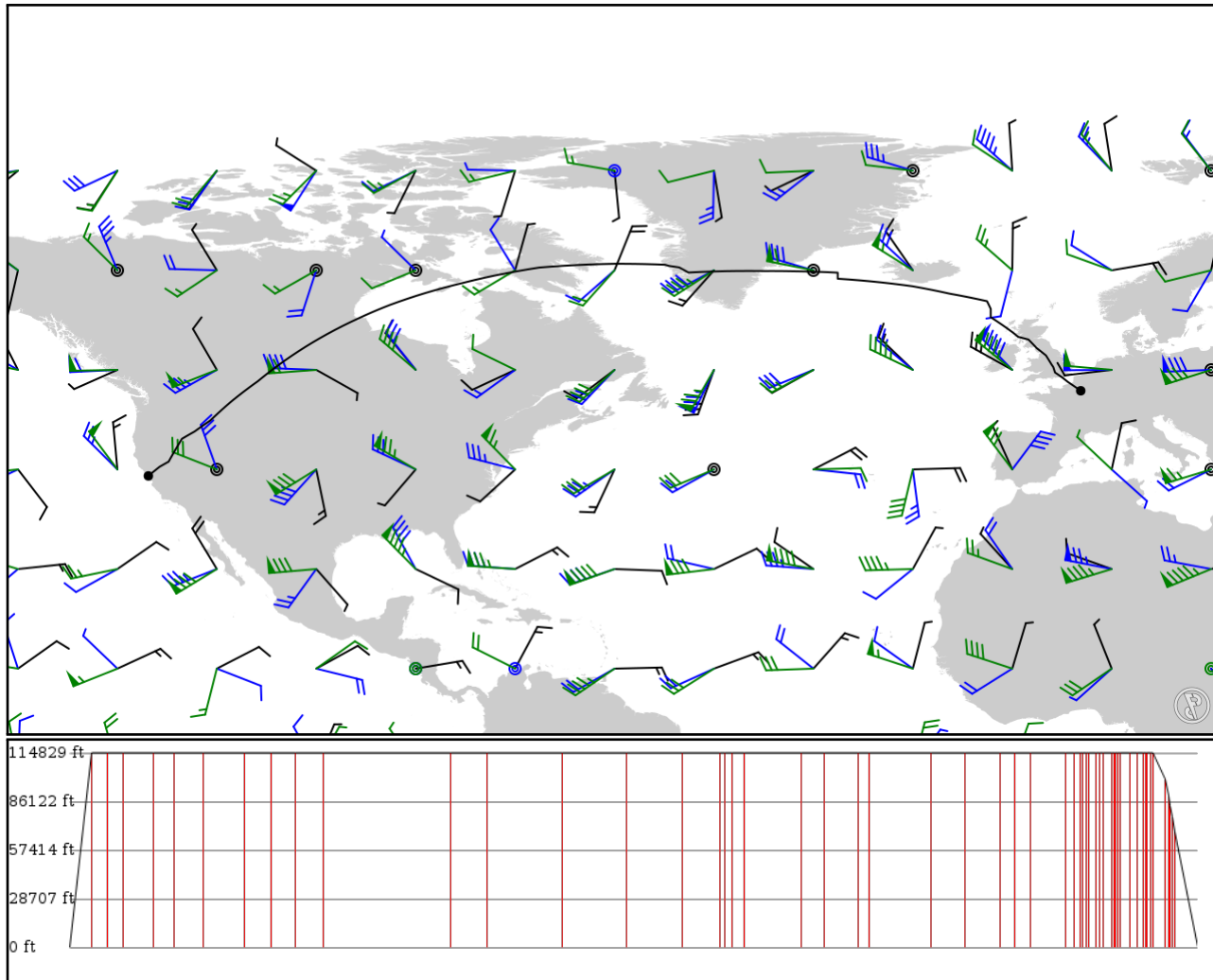
# LFPG

Paris Charles De Gaulle

2024/05/06 1133Z

KSFO COLOM **J32** FMG **J7** GTF **J530** YYN **NCAE** EPMAN LUXOV NALAK ADAVA INBAN **UT594** SOSIT 64/30 T RATSU  
AKIVO NINEX TOBMO **Y958** BRUCE **L602** GOW **UL612** DCS **UN57** SAPCO DTY **UM605** PETAX LFPG

5007.04 nm / 9273.03 km



## Notes

Using NAT tracks from 25/9/2022

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: no
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSFO APT	-	37.61850 -122.37500	0 ft 0 m	-	San Francisco International
COLOM FIX	-	38.83900 -120.87000	35,000 ft 10,668 m	102	-
FMG VOR	J32 AWY-HI	39.53130 -119.65600	35,000 ft 10,668 m	70	MUSTANG (RENO)
GASSI FIX	J7 AWY-HI	40.57170 -119.06800	35,000 ft 10,668 m	68	-
REO VOR	J7 AWY-HI	42.59050 -117.86800	35,000 ft 10,668 m	132	ROME
BOI VOR	J7 AWY-HI	43.55280 -116.19200	35,000 ft 10,668 m	93	BOISE
LKT VOR	J7 AWY-HI	45.02130 -114.08400	35,000 ft 10,668 m	126	SALMON
GTF VOR	J7 AWY-HI	47.45000 -111.41200	35,000 ft 10,668 m	183	GREAT FALLS
GGRBI FIX	J530 AWY-HI	49.00000 -109.45800	35,000 ft 10,668 m	121	-
YYN VOR	J530 AWY-HI	50.29700 -107.69100	35,000 ft 10,668 m	103	SWIFT CURRENT
ELTAX FIX	NCAE AWY-HI	51.95700 -105.59500	35,000 ft 10,668 m	127	-
YYQ VOR	NCAE AWY-HI	58.74170 -94.13530	35,000 ft 10,668 m	563	CHURCHILL
090E FIX	NCAE AWY-HI	60.50000 -90.00000	35,000 ft 10,668 m	164	-
KASIT FIX	NCAE AWY-HI	63.50000 -80.00000	35,000 ft 10,668 m	334	-
BERAK FIX	NCAE AWY-HI	65.50000 -70.00000	35,000 ft 10,668 m	284	-
EPMAN FIX	NCAE AWY-HI	66.00000 -60.00000	35,000 ft 10,668 m	248	-
LUXOV FIX	-	65.87750 -53.14970	35,000 ft 10,668 m	167	-
NALAK FIX	-	65.71420 -52.56470	35,000 ft 10,668 m	17	-
ADAVA FIX	-	65.52360 -51.25750	35,000 ft 10,668 m	34	-
INBAN FIX	-	64.83330 -50.00000	35,000 ft 10,668 m	52	-
LODNO FIX	UT594 AWY-HI	65.03330 -40.00000	35,000 ft 10,668 m	254	-
DEVNU FIX	UT594 AWY-HI	65.00470 -35.87970	35,000 ft 10,668 m	104	-
SOSIT FIX	UT594 AWY-HI	64.81670 -30.00000	35,000 ft 10,668 m	150	-
64/30 LATLON	-	64.00000 -30.00000	35,000 ft 10,668 m	49	-
63/20 LATLON	T NAT	63.00000 -20.00000	35,000 ft 10,668 m	274	-
62/15 LATLON	T NAT	62.00000 -15.00000	35,000 ft 10,668 m	151	-
RATSU	T	61.00000	35,000 ft	155	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	NAT	-10.00000	10,668 m		
AKIVO	-	59.96440	35,000 ft	63	-
FIX	-	-9.50000	10,668 m		
NINEX	-	58.85560	35,000 ft	66	-
FIX	-	-9.50000	10,668 m		
TOBMO	-	56.76060	35,000 ft	158	-
FIX	-	-6.46972	10,668 m		
BRUCE	Y958	56.23640	35,000 ft	37	-
FIX	AWY-HI	-5.84111	10,668 m		
FYNER	L602	56.04890	35,000 ft	26	-
FIX	AWY-HI	-5.11528	10,668 m		
CLYDE	L602	55.96330	35,000 ft	12	-
FIX	AWY-HI	-4.79222	10,668 m		
GOW	L602	55.87050	35,000 ft	12	GLASGOW
VOR	AWY-HI	-4.44572	10,668 m		
FENIK	UL612	55.71530	35,000 ft	10	-
FIX	AWY-HI	-4.29194	10,668 m		
LUSIV	UL612	55.66720	35,000 ft	3	-
FIX	AWY-HI	-4.24472	10,668 m		
NAVSO	UL612	55.22280	35,000 ft	30	-
FIX	AWY-HI	-3.81361	10,668 m		
BEBNI	UL612	54.98500	35,000 ft	16	-
FIX	AWY-HI	-3.58722	10,668 m		
DCS	UL612	54.72190	35,000 ft	17	DEAN CROSS VOR-DME
DME	AWY-HI	-3.34056	10,668 m		
IPNOX	UN57	54.22780	35,000 ft	37	-
FIX	AWY-HI	-2.70611	10,668 m		
OLPOP	UN57	54.09220	35,000 ft	10	-
FIX	AWY-HI	-2.53556	10,668 m		
SETEL	UN57	54.01250	35,000 ft	5	-
FIX	AWY-HI	-2.43583	10,668 m		
BAMEP	UN57	53.87830	35,000 ft	9	-
FIX	AWY-HI	-2.26917	10,668 m		
POL	UN57	53.74380	35,000 ft	9	POLE HILL
VOR	AWY-HI	-2.10333	10,668 m		
TNT	UN57	53.05400	35,000 ft	44	TRENT
VOR	AWY-HI	-1.66997	10,668 m		
SAPCO	UN57	52.54030	35,000 ft	32	-
FIX	AWY-HI	-1.35694	10,668 m		
DTY	-	52.18010	35,000 ft	23	DAVENTRY
VOR	-	-1.11379	10,668 m		
FINMA	UM605	51.99640	35,000 ft	11	-
FIX	AWY-HI	-1.05361	10,668 m		
SILVA	UM605	51.84750	35,000 ft	9	-
FIX	AWY-HI	-1.00528	10,668 m		
BENSU	UM605	51.57890	35,000 ft	16	-
FIX	AWY-HI	-0.91889	10,668 m		
WOD	UM605	51.45280	35,000 ft	7	WOODLEY
NDB	AWY-HI	-0.87880	10,668 m		
SFD	UM605	50.76070	30,300 ft	56	SEAFORD
VOR	AWY-HI	0.12191	9,235 m		
WAFFU	UM605	50.58250	27,300 ft	13	-
FIX	AWY-HI	0.34972	8,321 m		
HARDY	UM605	50.47110	25,500 ft	8	-
FIX	AWY-HI	0.49111	7,772 m		
XIDIL	UM605	50.35170	23,500 ft	9	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	0.64139	7,163 m		
PETAX	UM605	50.18670	20,800 ft	12	-
FIX	AWY-HI	0.84806	6,340 m		
LFPG	-	49.00970	0 ft	97	Paris Charles De Gaulle
APT	-	2.56257	0 m		

## KSFO

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

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.844 E

## METAR

KSFO 061056Z 00000KT 10SM FEW015 10/07 A3014 RMK AO2 SLP205 T01000067 \$

## TAF

KSFO 060839Z 0609/0712 28009KT P6SM FEW015 FM061900 28017KT P6SM BKN250

## 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

## LFPG

Region: FRANCE  
Timezone: EUROPE/PARIS  
Runways: 4

Elevation: 392 ft / 119 m  
Location: 49.009700 2.562570  
Magnetic Var: 1.494 E

## METAR

LFPG 061100Z 21009KT 170V240 9999 SCT032 SCT160 BKN260 16/08 Q1009 NOSIG

## TAF

TAF LFPG 060500Z 0606/0712 25010KT 9999 BKN020 TX18/0615Z TN09/0705Z PROB40 TEMPO 0606/0608 BKN009 TEMPO 0612/0620

## Frequencies

REC - 128.32 MHz - ATIS	REC - 127.12 MHz - ATIS
TWR - 120.90 MHz - DE GAULLE TOWER	TWR - 125.32 MHz - DE GAULLE TOWER
TWR - 119.62 MHz - DE GAULLE TOWER	TWR - 119.25 MHz - DE GAULLE TOWER
TWR - 118.65 MHz - DE GAULLE TOWER	TWR - 123.60 MHz - DE GAULLE TOWER
TWR - 120.65 MHz - DE GAULLE TOWER	GND - 121.90 MHz - DE GAULLE GROUND
GND - 125.30 MHz - DE GAULLE GROUND	GND - 121.70 MHz - DE GAULLE GROUND
CLD - 121.80 MHz - CLEARANCE DELIVERY	APP - 118.15 MHz - DE GAULLE APPROACH
APP - 119.85 MHz - DE GAULLE APPROACH	APP - 121.15 MHz - DE GAULLE APPROACH
APP - 125.82 MHz - DE GAULLE APPROACH	APP - 126.42 MHz - DE GAULLE APPROACH
DEP - 124.35 MHz - DE GAULLE DEPARTURE	DEP - 126.57 MHz - DE GAULLE DEPARTURE
DEP - 131.20 MHz - DE GAULLE DEPARTURE	DEP - 133.37 MHz - DE GAULLE DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	148 ft	13,713 ft	85.31	ASPHALT	0 ft	489 ft
	45 m	4,180 m	83.81		0 m	149 m
26R	148 ft	13,713 ft	265.35	ASPHALT	1,877 ft	279 ft
	45 m	4,180 m	263.86		572 m	85 m
09L	197 ft	8,866 ft	85.32	ASPHALT	0 ft	0 ft
	60 m	2,703 m	83.82		0 m	0 m
27R	197 ft	8,866 ft	265.35	ASPHALT	0 ft	0 ft
	60 m	2,703 m	263.85		0 m	0 m
08R	197 ft	8,833 ft	85.33	ASPHALT	0 ft	489 ft
	60 m	2,692 m	83.83		0 m	149 m
26L	197 ft	8,833 ft	265.35	ASPHALT	0 ft	486 ft
	60 m	2,692 m	263.86		0 m	148 m
09R	148 ft	13,746 ft	85.30	ASPHALT	0 ft	0 ft
	45 m	4,190 m	83.80		0 m	0 m
27L	148 ft	13,746 ft	265.34	ASPHALT	1,959 ft	0 ft
	45 m	4,190 m	263.85		597 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08R	DME	DSE	108.55 MHz	18 nm	-	-	358 ft
				33 km	-		358 m
09L	DME	PNE	109.35 MHz	18 nm	-	-	392 ft
				33 km	-		392 m
09R	DME	CGE	110.10 MHz	18 nm	-	-	392 ft
				33 km	-		392 m



Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	DME	DSU	108.35 MHz	18 nm	-	-	338 ft
				33 km	-		338 m
27L	DME	CGW	110.70 MHz	18 nm	-	-	407 ft
				33 km	-		407 m
27R	DME	PNW	110.35 MHz	18 nm	-	-	392 ft
				33 km	-		392 m
08L	LOC-ILS	GLE	108.70 MHz	18 nm	85.33	-	392 ft
				33 km	83.84		392 m
08R	LOC-ILS	DSE	108.55 MHz	18 nm	85.34	-	392 ft
				33 km	83.85		392 m
09L	LOC-ILS	PNE	109.35 MHz	18 nm	85.33	-	392 ft
				33 km	83.84		392 m
09R	LOC-ILS	CGE	110.10 MHz	18 nm	85.32	-	392 ft
				33 km	83.83		392 m
26L	LOC-ILS	DSU	108.35 MHz	18 nm	265.34	-	392 ft
				33 km	263.85		392 m
26R	LOC-ILS	GAU	111.95 MHz	18 nm	265.33	-	392 ft
				33 km	263.84		392 m
27L	LOC-ILS	CGW	110.70 MHz	18 nm	265.32	-	392 ft
				33 km	263.83		392 m
27R	LOC-ILS	PNW	110.35 MHz	18 nm	265.33	-	392 ft
				33 km	263.84		392 m
08L	GS	GLE	108.70 MHz	10 nm	85.33	3.00	392 ft
				19 km	83.84		392 m
08R	GS	DSE	108.55 MHz	10 nm	85.34	3.00	392 ft
				19 km	83.85		392 m
09L	GS	PNE	109.35 MHz	10 nm	85.33	3.00	392 ft
				19 km	83.84		392 m
09R	GS	CGE	110.10 MHz	10 nm	85.32	3.00	392 ft
				19 km	83.83		392 m
26L	GS	DSU	108.35 MHz	10 nm	265.34	3.00	392 ft
				19 km	263.85		392 m
26R	GS	GAU	111.95 MHz	10 nm	265.33	3.00	392 ft
				19 km	263.84		392 m
27L	GS	CGW	110.70 MHz	10 nm	265.32	3.00	392 ft
				19 km	263.83		392 m
27R	GS	PNW	110.35 MHz	10 nm	265.33	3.00	392 ft
				19 km	263.84		392 m