

# KSFO

San Francisco International

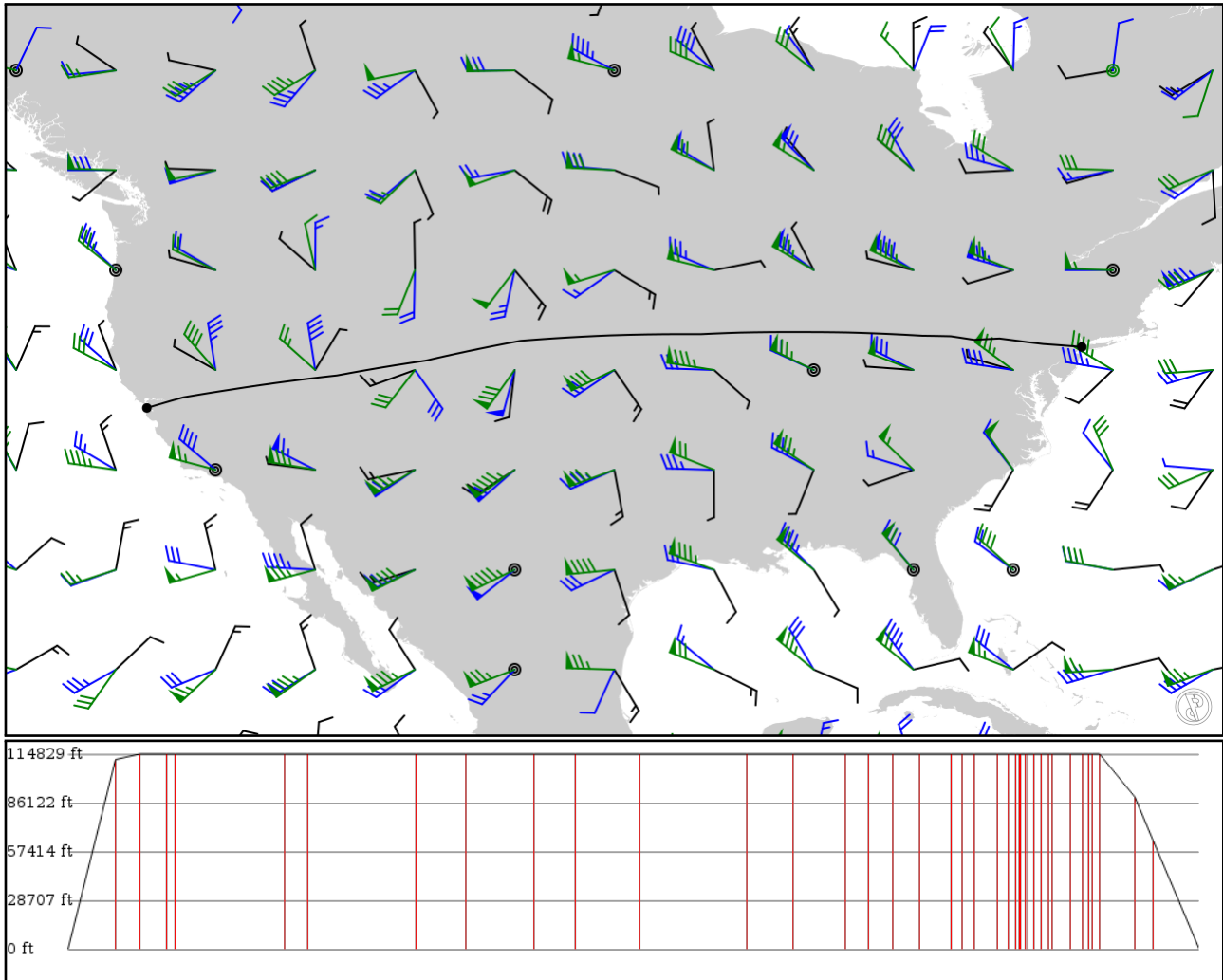
# KLGA

La Guardia

2024/05/17 0336Z

KSFO MELTS **J84** EKR **J100** OBH **J10** IOW **J146** JOT **J60** DJB **V6** CIP **V226** ETG **J146** MIP **V232** LYTEL KLGA

2242.65 nm / 4153.38 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		
MELTS	-	38.16560	34,000 ft	95	-
FIX	-	-120.48900	10,363 m		
SONNY	J84	38.33570	35,000 ft	48	-
FIX	AWY-HI	-119.48500	10,668 m		
BABIT	J84	38.51150	35,000 ft	52	-
FIX	AWY-HI	-118.38500	10,668 m		
MVA	J84	38.56530	35,000 ft	16	MINA
VOR	AWY-HI	-118.03300	10,668 m		
PAWLY	J84	39.19710	35,000 ft	218	-
FIX	AWY-HI	-113.44000	10,668 m		
DTA	J84	39.30220	35,000 ft	43	DELTA
VOR	AWY-HI	-112.50600	10,668 m		
EKR	J84	40.06740	35,000 ft	216	MEEKER
VOR	AWY-HI	-107.92500	10,668 m		
FROGS	J100	40.52000	35,000 ft	96	-
FIX	AWY-HI	-105.89500	10,668 m		
SNY	J100	41.09670	35,000 ft	136	SIDNEY
VOR	AWY-HI	-102.98300	10,668 m		
ELJAY	J100	41.22510	35,000 ft	80	-
FIX	AWY-HI	-101.22100	10,668 m		
OBH	J100	41.37570	35,000 ft	129	WOLBACH
VOR	AWY-HI	-98.35360	10,668 m		
DSM	J10	41.43760	35,000 ft	211	DES MOINES
VOR	AWY-HI	-93.64860	10,668 m		
IOW	J10	41.51900	35,000 ft	91	IOWA CITY
VOR	AWY-HI	-91.61330	10,668 m		
VORIN	J146	41.54800	35,000 ft	102	-
FIX	AWY-HI	-89.33640	10,668 m		
JOT	J146	41.54640	35,000 ft	45	JOLIET
VOR	AWY-HI	-88.31840	10,668 m		
HOBAR	J60	41.54180	35,000 ft	49	-
FIX	AWY-HI	-87.20860	10,668 m		
GSH	J60	41.52520	35,000 ft	53	GOSHEN
VOR	AWY-HI	-86.02800	10,668 m		
ASHEN	J60	41.48050	35,000 ft	62	-
FIX	AWY-HI	-84.64680	10,668 m		
NAPOL	J60	41.46040	35,000 ft	22	-
FIX	AWY-HI	-84.15210	10,668 m		
MAYZE	J60	41.43850	35,000 ft	22	-
FIX	AWY-HI	-83.66410	10,668 m		
JERRI	J60	41.38380	35,000 ft	47	-
FIX	AWY-HI	-82.60340	10,668 m		
DJB	J60	41.35810	35,000 ft	19	DRYER
VOR	AWY-HI	-82.16200	10,668 m		
DROVE	V6	41.35390	35,000 ft	14	-
FIX	AWY-LO	-81.84730	10,668 m		
STUKL	V6	41.35120	35,000 ft	8	-
FIX	AWY-LO	-81.66500	10,668 m		
AC024	V6	41.35040	35,000 ft	2	-
FIX	AWY-LO	-81.61870	10,668 m		
IXORE	V6	41.35010	35,000 ft	0	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-81.59730	10,668 m		
WEXER	V6	41.34620	35,000 ft	9	-
FIX	AWY-LO	-81.37610	10,668 m		
MOROW	V6	41.34470	35,000 ft	3	-
FIX	AWY-LO	-81.29700	10,668 m		
HIRES	V6	41.33870	35,000 ft	13	-
FIX	AWY-LO	-81.00640	10,668 m		
YNG	V6	41.33100	35,000 ft	14	YOUNGSTOWN
VOR	AWY-LO	-80.67470	10,668 m		
SHANT	V6	41.28870	35,000 ft	13	-
FIX	AWY-LO	-80.38760	10,668 m		
MERCY	V6	41.26610	35,000 ft	6	-
FIX	AWY-LO	-80.23610	10,668 m		
CIP	V6	41.14630	35,000 ft	35	CLARION
VOR	AWY-LO	-79.45800	10,668 m		
PARDY	V226	41.17680	35,000 ft	24	-
FIX	AWY-LO	-78.90920	10,668 m		
HONLU	V226	41.19140	35,000 ft	12	-
FIX	AWY-LO	-78.62750	10,668 m		
DAAAV	V226	41.19830	35,000 ft	6	-
FIX	AWY-LO	-78.48950	10,668 m		
ETG	V226	41.21500	35,000 ft	15	KEATING
VOR	AWY-LO	-78.14280	10,668 m		
MIP	J146	41.02340	27,300 ft	67	MILTON
VOR	AWY-HI	-76.66530	8,321 m		
LYTEL	V232	40.93020	19,500 ft	36	-
FIX	AWY-LO	-75.87070	5,944 m		
KLGA	-	40.77720	0 ft	91	La Guardia
APT	-	-73.87260	0 m		

## KSFO

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

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.841 E

## METAR

KSFO 170256Z 25012KT 10SM FEW005 15/11 A2990 RMK AO2 SLP126 T01500106 55001

## TAF

KSFO 170301Z 1703/1806 25011KT P6SM FEW005 SCT008 FM170500 25011KT P6SM BKN010 FM171800 25011KT P6SM SCT250

## 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

## KLGA

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 2

Elevation: 21 ft / 6 m  
Location: 40.777200 -73.872600  
Magnetic Var: 12.802 W

## METAR

KLGA 170251Z 05013KT 10SM OVC032 17/12 A2987 RMK AO2 SLP113 60000 T01670117 51011

## TAF

TAF AMD KLGA 170241Z 1703/1806 03016KT P6SM OVC025 FM170700 03009KT P6SM SCT025 BKN030 FM171100 04009KT P6SM BKN030

## Frequencies

REC - 125.95 MHz - ATIS ARRIVAL	REC - 127.05 MHz - ATIS DEPARTURE
TWR - 118.70 MHz - LAGUARDIA TOWER	GND - 121.70 MHz - LAGUARDIA GROUND
GND - 121.85 MHz - LAGUARDIA GROUND	GND - 127.67 MHz - LAGUARDIA GROUND
CLD - 121.87 MHz - LAGUARDIA CLEARANCE	CLD - 135.20 MHz - LAGUARDIA CLEARANCE
COM - 122.95 MHz - LAGUARDIA UNICOM	APP - 132.70 MHz - NEW YORK APPROACH
APP - 120.05 MHz - NEW YORK APPROACH	APP - 120.80 MHz - NEW YORK APPROACH
APP - 124.95 MHz - NEW YORK APPROACH	APP - 127.30 MHz - NEW YORK APPROACH
APP - 128.80 MHz - NEW YORK APPROACH	DEP - 120.40 MHz - NEW YORK DEPARTURE
DEP - 124.45 MHz - NEW YORK DEPARTURE	DEP - 127.05 MHz - NEW YORK DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04	150 ft	7,006 ft	32.03	ASPHALT	0 ft	322 ft
	46 m	2,135 m	44.83		0 m	98 m
22	150 ft	7,006 ft	212.04	ASPHALT	0 ft	98 ft
	46 m	2,135 m	224.84		0 m	30 m
13	150 ft	6,994 ft	122.24	ASPHALT	0 ft	95 ft
	46 m	2,132 m	135.04		0 m	29 m
31	150 ft	6,994 ft	302.25	ASPHALT	0 ft	374 ft
	46 m	2,132 m	315.05		0 m	114 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	DME	IGDI	108.50 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
31	DME	IPZV	108.50 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
04	LOC-ILS	ILGA	110.50 MHz	18 nm	32.04	-	21 ft
				33 km	44.84		21 m
13	LOC-ILS	IGDI	108.50 MHz	18 nm	122.25	-	21 ft
				33 km	135.05		21 m
22	LOC-ILS	IURD	110.50 MHz	18 nm	212.04	-	21 ft
				33 km	224.84		21 m
31	LOC-LOC	IPZV	108.50 MHz	18 nm	302.25	-	21 ft
				33 km	315.05		21 m
04	GS	ILGA	110.50 MHz	10 nm	32.04	3.10	21 ft
				19 km	44.84		21 m
13	GS	IGDI	108.50 MHz	10 nm	122.25	3.10	21 ft
				19 km	135.05		21 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22	GS	IURD	110.50 MHz	10 nm	212.04	3.00	21 ft
				19 km	224.84		21 m