

KLMS

LOUISVILLE WINSTON CO

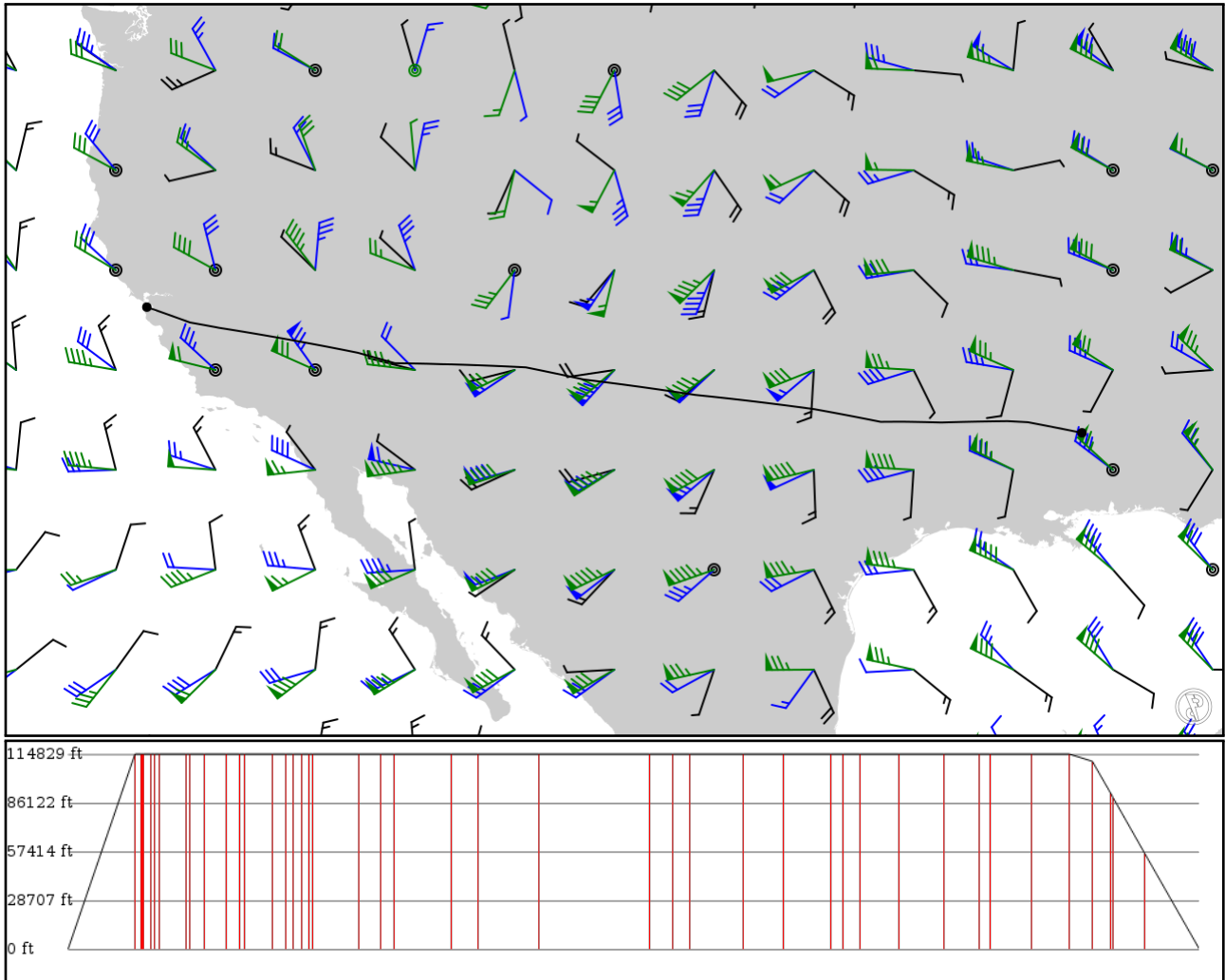
KSFO

San Francisco International

2024/06/08 0954Z

KLMS GLH **V278** TXK **V16** PRX **V124** BYP **V114** SPS **J72** BLD **J110** CZQ NTELL **T331** MKNNA KSFO

1671.13 nm / 3094.93 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
KLMS APT	-	33.14620 -89.06250	0 ft 0 m	-	LOUISVILLE WINSTON CO
GLH VOR	-	33.52350 -90.98290	35,000 ft 10,668 m	98	GREENVILLE
IXDIL FIX	V278 AWY-LO	33.53420 -91.17830	35,000 ft 10,668 m	9	-
EDOME FIX	V278 AWY-LO	33.53660 -91.22170	35,000 ft 10,668 m	2	-
OZIGE FIX	V278 AWY-LO	33.53850 -91.25890	35,000 ft 10,668 m	1	-
ZIRUL FIX	V278 AWY-LO	33.54890 -91.45690	35,000 ft 10,668 m	9	-
POYNI FIX	V278 AWY-LO	33.55510 -91.57630	35,000 ft 10,668 m	5	-
MON VOR	V278 AWY-LO	33.56200 -91.71540	35,000 ft 10,668 m	6	MONTICELLO
HAMPT FIX	V278 AWY-LO	33.55090 -92.50300	35,000 ft 10,668 m	39	-
LOCUS FIX	V278 AWY-LO	33.54870 -92.62960	35,000 ft 10,668 m	6	-
WARLO FIX	V278 AWY-LO	33.54030 -93.04990	35,000 ft 10,668 m	21	-
WEEBR FIX	V278 AWY-LO	33.52450 -93.69950	35,000 ft 10,668 m	32	-
TXK VOR	V278 AWY-LO	33.51390 -94.07320	35,000 ft 10,668 m	18	TEXARKANA
GIGVE FIX	V16 AWY-LO	33.51810 -94.23830	35,000 ft 10,668 m	8	-
LENYI FIX	V16 AWY-LO	33.53570 -95.04960	35,000 ft 10,668 m	40	-
PRX VOR	V16 AWY-LO	33.54240 -95.44830	35,000 ft 10,668 m	19	PARIS
RAKOC FIX	V124 AWY-LO	33.54160 -95.64770	35,000 ft 10,668 m	9	-
MONTE FIX	V124 AWY-LO	33.54020 -95.89510	35,000 ft 10,668 m	12	-
OKUCI FIX	V124 AWY-LO	33.53840 -96.13300	35,000 ft 10,668 m	11	-
BYP VOR	V124 AWY-LO	33.53750 -96.23410	35,000 ft 10,668 m	5	BONHAM
FERET FIX	V114 AWY-LO	33.79820 -97.56940	35,000 ft 10,668 m	68	-
FLOPP FIX	V114 AWY-LO	33.91610 -98.20200	35,000 ft 10,668 m	32	-
SPS VOR	V114 AWY-LO	33.98730 -98.59350	35,000 ft 10,668 m	19	WICHITA FALLS
GANJA FIX	J72 AWY-HI	34.20420 -100.25500	35,000 ft 10,668 m	83	-
TURKI FIX	J72 AWY-HI	34.30090 -101.06100	35,000 ft 10,668 m	40	-
TXO VOR	J72 AWY-HI	34.49510 -102.84000	35,000 ft 10,668 m	88	TEXICO
MIERA	J72	34.95690	35,000 ft	163	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-106.11400	10,668 m		
ABQ	J72	35.04380	35,000 ft	34	ALBUQUERQUE
VOR	AWY-HI	-106.81600	10,668 m		
LORAT	J72	35.14430	35,000 ft	23	-
FIX	AWY-HI	-107.27800	10,668 m		
GUP	J72	35.47600	35,000 ft	80	GALLUP
VOR	AWY-HI	-108.87300	10,668 m		
DILCO	J72	35.53120	35,000 ft	58	-
FIX	AWY-HI	-110.06500	10,668 m		
HMFY	J72	35.58200	35,000 ft	70	-
FIX	AWY-HI	-111.50100	10,668 m		
BAVPE	J72	35.58950	35,000 ft	18	-
FIX	AWY-HI	-111.88000	10,668 m		
CUTRO	J72	35.60470	35,000 ft	24	-
FIX	AWY-HI	-112.38300	10,668 m		
PGS	J72	35.62470	35,000 ft	56	PEACH SPRINGS
VOR	AWY-HI	-113.54400	10,668 m		
BLD	J72	35.99580	35,000 ft	68	BOULDER CITY
VOR	AWY-HI	-114.86400	10,668 m		
FUZZY	J110	36.20060	35,000 ft	51	-
FIX	AWY-HI	-115.90000	10,668 m		
SHADO	J110	36.26370	35,000 ft	16	-
FIX	AWY-HI	-116.23100	10,668 m		
FURNY	J110	36.49010	35,000 ft	61	-
FIX	AWY-HI	-117.46200	10,668 m		
MITEL	J110	36.68440	35,000 ft	55	-
FIX	AWY-HI	-118.58400	10,668 m		
PINNI	J110	36.79780	33,700 ft	33	-
FIX	AWY-HI	-119.27200	10,272 m		
CZQ	J110	36.88430	28,000 ft	26	CLOVIS (FRESNO)
VOR	AWY-HI	-119.81500	8,534 m		
NTELL	-	36.89970	27,200 ft	3	-
FIX	-	-119.89000	8,291 m		
MKNNA	T331	37.07320	17,200 ft	46	-
FIX	AWY-LO	-120.84000	5,243 m		
KSFO	-	37.61850	0 ft	80	San Francisco International
APT	-	-122.37500	0 m		

KSFO

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.835 E

METAR

KSFO 080856Z 26006KT 10SM FEW006 BKN012 13/11 A2988 RMK A02 SLP118 T01330111 58009

TAF

KSFO 080855Z 0809/0912 26009KT P6SM SCT007 OVC010 FM081800 28016KT P6SM BKN250 FM082200 28020G25KT P6SM BKN250 FM090000 28016KT 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	105.06		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	14.88		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	14.88		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