

LSZH

Zurich

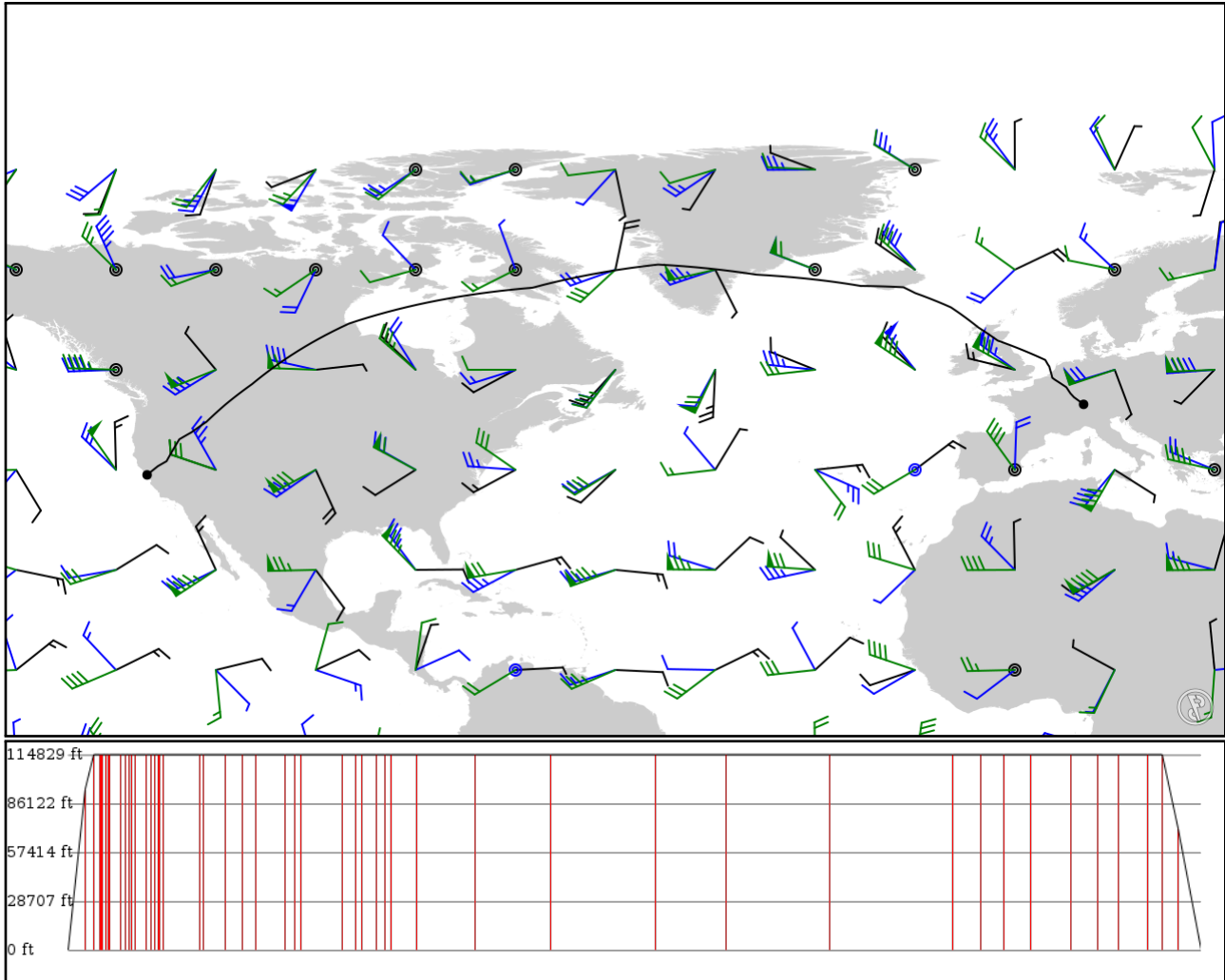
KSFO

San Francisco Intl

2024/05/29 0251Z

LSZH OBORN GTQ **UN852** DIK **UA24** TOLN **UM624** TULIP **UL74** MONIL **UP1** ROKAN **UM982** FINDO **UN610** RATSU
6300N01500W ING **G3** KEF **5E72** YFB **N554C** YYQ **NCAE** YYN **J530** GTF **J7** FMG **J32** COLOM KSFO

5161.92 nm / 9559.87 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 370ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: no
- Use low airways: no

- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LSZH	-	47.46349	0 ft	-	Zurich
APT	-	8.54996	0 m		
OBORN	-	48.46195	28,800 ft	80	-
FIX	-	7.20167	8,778 m		
GTQ	-	48.98644	35,000 ft	36	GROSTENQUIN VOR-DME
VOR	-	6.71622	10,668 m		
SUTAL	UN852	49.46667	35,000 ft	31	-
FIX	AWY-HI	6.39167	10,668 m		
DIK21	UN852	49.52333	35,000 ft	3	-
FIX	AWY-HI	6.35861	10,668 m		
LIMGO	UN852	49.63722	35,000 ft	7	-
FIX	AWY-HI	6.28167	10,668 m		
DIK	UN852	49.86139	35,000 ft	14	DIEKIRCH NDB
NDB	AWY-HI	6.12972	10,668 m		
DEMUL	UA24	49.96306	35,000 ft	8	-
FIX	AWY-HI	5.97861	10,668 m		
RITAX	UA24	50.07778	35,000 ft	9	-
FIX	AWY-HI	5.80694	10,668 m		
REMB	UA24	50.66223	35,000 ft	49	-
FIX	AWY-HI	4.91403	10,668 m		
BUB	UA24	50.90222	35,000 ft	20	BRUSSELS VOR-DME
VOR	AWY-HI	4.53806	10,668 m		
NIK	UA24	51.16500	35,000 ft	20	NICKY VOR-DME
VOR	AWY-HI	4.18389	10,668 m		
NIK08	UA24	51.29627	35,000 ft	8	-
FIX	AWY-HI	4.14731	10,668 m		
TOLN	UA24	51.53031	35,000 ft	14	-
FIX	AWY-HI	4.08659	10,668 m		
TULIP	UM624	52.36775	35,000 ft	51	-
FIX	AWY-HI	3.85731	10,668 m		
MONIL	UL74	52.76076	35,000 ft	23	-
FIX	AWY-HI	3.74664	10,668 m		
SUPUR	UP1	53.01522	35,000 ft	16	-
FIX	AWY-HI	3.56446	10,668 m		
GODOS	UP1	53.24904	35,000 ft	14	-
FIX	AWY-HI	3.42966	10,668 m		
BINBO	UP1	53.40167	35,000 ft	9	-
FIX	AWY-HI	3.34139	10,668 m		
ROKAN	UP1	53.66333	35,000 ft	16	-
FIX	AWY-HI	3.18889	10,668 m		
ERLOT	UM982	55.28722	35,000 ft	163	-
FIX	AWY-HI	-0.58500	10,668 m		
ROBEM	UM982	55.45917	35,000 ft	18	-
FIX	AWY-HI	-1.02056	10,668 m		
FINDO	UM982	56.36917	35,000 ft	98	-
FIX	AWY-HI	-3.46361	10,668 m		
RUGID	UN610	57.36917	35,000 ft	76	-
FIX	AWY-HI	-4.89861	10,668 m		
STN	UN610	58.20694	35,000 ft	64	STORNOWAY VOR-DME
VOR	AWY-HI	-6.18306	10,668 m		
BILLY	UN610	60.01972	35,000 ft	131	-
FIX	AWY-HI	-8.56889	10,668 m		
BARKU	UN610	60.60500	35,000 ft	43	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-9.41000	10,668 m		
RATSU	UN610	61.00000	35,000 ft	29	-
FIX	AWY-HI	-10.00000	10,668 m		
6300N01500W	-	63.00000	35,000 ft	185	-
LATLON	-	-15.00000	10,668 m		
ING	-	63.80306	35,000 ft	65	INGO VOR-DME
VOR	-	-16.63806	10,668 m		
MIKLA	G3	63.84833	35,000 ft	24	-
FIX	AWY-HI	-17.57417	10,668 m		
SKARD	G3	63.94278	35,000 ft	69	-
FIX	AWY-HI	-20.20500	10,668 m		
METIL	G3	63.97194	35,000 ft	34	-
FIX	AWY-HI	-21.52611	10,668 m		
KEF	G3	63.98681	35,000 ft	28	KEFLAVIK VORTAC
VOR	AWY-HI	-22.61450	10,668 m		
GIMLI	5E72	64.64000	35,000 ft	120	-
FIX	AWY-HI	-26.97833	10,668 m		
DA	5E72	65.57056	35,000 ft	264	KULUSUK NDB
NDB	AWY-HI	-37.20694	10,668 m		
SF	5E72	66.96749	35,000 ft	341	SONDRE STROMFJORD NDB
NDB	AWY-HI	-50.94167	10,668 m		
YFB	5E72	63.74167	35,000 ft	477	FROBAY VOR
VOR	AWY-HI	-68.47333	10,668 m		
BODRA	N554C	62.28278	35,000 ft	325	-
FIX	AWY-HI	-80.00000	10,668 m		
YYQ	N554C	58.74175	35,000 ft	467	CHURCHILL VOR-DME
VOR	AWY-HI	-94.13531	10,668 m		
ELTAX	NCAE	51.95667	35,000 ft	563	-
FIX	AWY-HI	-105.59500	10,668 m		
YYN	NCAE	50.29706	35,000 ft	127	SWIFT CURRENT VOR-DME
VOR	AWY-HI	-107.69089	10,668 m		
GGRBI	J530	49.00000	35,000 ft	103	-
FIX	AWY-HI	-109.45800	10,668 m		
GTF	J530	47.44998	35,000 ft	121	GREAT FALLS VORTAC
DME	AWY-HI	-111.41216	10,668 m		
LKT	J7	45.02131	35,000 ft	183	SALMON VOR-DME
VOR	AWY-HI	-114.08425	10,668 m		
BOI	J7	43.55281	35,000 ft	126	BOISE VORTAC
VOR	AWY-HI	-116.19214	10,668 m		
REO	J7	42.59056	35,000 ft	93	ROME VOR-DME
VOR	AWY-HI	-117.86814	10,668 m		
GASSI	J7	40.57166	35,000 ft	132	-
FIX	AWY-HI	-119.06834	10,668 m		
FMG	J7	39.53128	35,000 ft	68	MUSTANG VORTAC
VOR	AWY-HI	-119.65608	10,668 m		
COLOM	J32	38.83897	21,800 ft	70	-
FIX	AWY-HI	-120.87002	6,645 m		
KSFO	-	37.61867	0 ft	102	San Francisco Intl
APT	-	-122.37501	0 m		

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.131 E

METAR

LSZH 290220Z AUTO 32002KT CAVOK 10/09 Q1018 NOSIG

TAF

TAF LSZH 290225Z 2903/3009 VRB02KT CAVOK TX19/2913Z TN10/2904Z TN12/3005Z BECMG 2907/2910 9999 BKN050 PROB40 TEM

Frequencies

REC - 125.72 MHz - ATIS	GND - 121.90 MHz - ZURICH GROUND
GND - 118.15 MHz - ZURICH GROUND	GND - 119.75 MHz - ZURICH GROUND
GND - 121.75 MHz - ZURICH APRON	GND - 121.70 MHz - ZURICH APRON
GND - 121.85 MHz - ZURICH APRON	GND - 121.97 MHz - ZURICH APRON
TWR - 118.10 MHz - ZURICH TOWER	TWR - 120.22 MHz - ZURICH TOWER
TWR - 119.70 MHz - ZURICH TOWER	APP - 118.00 MHz - ZURICH ARRIVAL
APP - 135.22 MHz - ZURICH APPROACH	APP - 125.32 MHz - ZURICH FINAL
APP - 120.75 MHz - ZURICH FINAL	DEP - 125.95 MHz - ZURICH DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	12,181 ft	155.03	CONCRETE	0 ft	62 ft
	60 m	3,713 m	151.90		0 m	19 m
34	197 ft	12,181 ft	335.05	CONCRETE	1,542 ft	49 ft
	60 m	3,713 m	331.92		470 m	15 m
14	197 ft	10,816 ft	137.29	CONCRETE	492 ft	75 ft
	60 m	3,297 m	134.16		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.18		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.86		0 m	19 m
28	197 ft	8,196 ft	276.02	CONCRETE	0 ft	276 ft
	60 m	2,498 m	272.89		0 m	84 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm	-	-	1,460 ft
				33 km	-		1,460 m
16	DME	IZH	110.50 MHz	18 nm	-	-	1,400 ft
				33 km	-		1,400 m
28	DME	IZW	109.75 MHz	18 nm	-	-	1,416 ft
				33 km	-		1,416 m
34	DME	IZS	110.75 MHz	18 nm	-	-	1,410 ft
				33 km	-		1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm	137.31	-	1,417 ft
				33 km	134.18		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.92		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.88		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm	335.06	-	1,417 ft
				33 km	331.93		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.18		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.92		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.88		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.93		1,417 m

KSFO

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

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.838 E

METAR

KSFO 290156Z 27012KT 10SM FEW026 FEW200 17/09 A3006 RMK A02 PK WND 27028/0113 SLP178 T01670089

TAF

KSFO 290236Z 2903/3006 27015KT P6SM FEW026 FEW200 FM290900 27015KT P6SM BKN015 FM291700 27012KT P6SM SCT015 FM292

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