

LSZH

Zurich

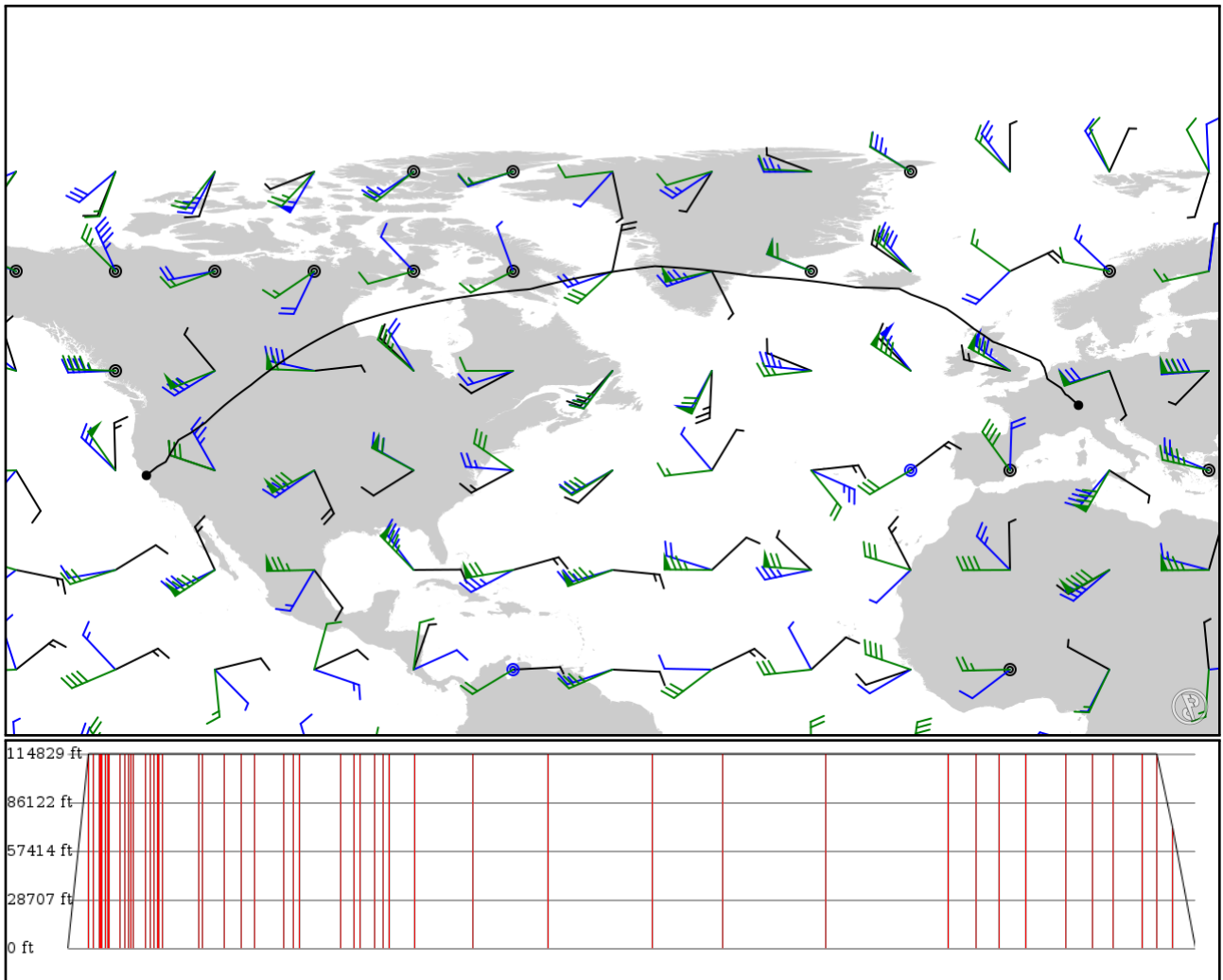
KSFO

San Francisco Intl

2024/05/05 0621Z

LSZH PHALO R7 GTQ UN852 SUTAL R7 DIK J524 REMBA UA24 BUB A24 TOLEN UM624 TULIP L74 MONIL P1 ROKAN
UM982 FINDO UN610 RATSU 6300N01500W ING G3 KEF 5E72 YFB N554C YYQ NCAE YYN J530 GTF J7 FMG J32
COLOM KSFO

5161.83 nm / 9559.70 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 37000ft
- 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
LSZH	-	47.46349	0 ft	-	Zurich
APT	-	8.54996	0 m		
PHALO	-	48.77778	35,000 ft	98	-
FIX	-	7.09528	10,668 m		
GTQ	R7	48.98644	35,000 ft	19	GROSTENQUIN VOR-DME
VOR	AWY-LO	6.71622	10,668 m		
SUTAL	UN852	49.46667	35,000 ft	31	-
FIX	AWY-HI	6.39167	10,668 m		
DIK21	R7	49.52333	35,000 ft	3	-
FIX	AWY-LO	6.35861	10,668 m		
LIMGO	R7	49.63722	35,000 ft	7	-
FIX	AWY-LO	6.28167	10,668 m		
DIK	R7	49.86139	35,000 ft	14	DIEKIRCH NDB
NDB	AWY-LO	6.12972	10,668 m		
DEMUL	J524	49.96306	35,000 ft	8	-
FIX	AWY-LO	5.97861	10,668 m		
RITAX	J524	50.07778	35,000 ft	9	-
FIX	AWY-LO	5.80694	10,668 m		
REMB	J524	50.66223	35,000 ft	49	-
FIX	AWY-LO	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	A24	51.16500	35,000 ft	20	NICKY VOR-DME
VOR	AWY-LO	4.18389	10,668 m		
NIK08	A24	51.29627	35,000 ft	8	-
FIX	AWY-LO	4.14731	10,668 m		
TOLN	A24	51.53031	35,000 ft	14	-
FIX	AWY-LO	4.08659	10,668 m		
TULIP	UM624	52.36775	35,000 ft	51	-
FIX	AWY-HI	3.85731	10,668 m		
MONIL	L74	52.76076	35,000 ft	23	-
FIX	AWY-LO	3.74664	10,668 m		
SUPUR	P1	53.01522	35,000 ft	16	-
FIX	AWY-LO	3.56446	10,668 m		
GODOS	P1	53.24904	35,000 ft	14	-
FIX	AWY-LO	3.42966	10,668 m		
BINBO	P1	53.40167	35,000 ft	9	-
FIX	AWY-LO	3.34139	10,668 m		
ROKAN	P1	53.66333	35,000 ft	16	-
FIX	AWY-LO	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-LO	-17.57417	10,668 m		
SKARD	G3	63.94278	35,000 ft	69	-
FIX	AWY-LO	-20.20500	10,668 m		
METIL	G3	63.97194	35,000 ft	34	-
FIX	AWY-LO	-21.52611	10,668 m		
KEF	G3	63.98681	35,000 ft	28	KEFLAVIK VORTAC
VOR	AWY-LO	-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: 3.123 E

METAR

LSZH 050550Z 19005KT 160V230 9999 -RA FEW022 SCT044 BKN055 13/10 Q1014 TEMPO RA

TAF

TAF LSZH 050525Z 0506/0612 23007KT 9999 FEW025 BKN055 TX20/0515Z TN13/0506Z TN12/0604Z TEMPO 0506/0508 SHRA PROB3

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	151.91		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	134.17		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.19		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.87		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	134.19		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.93		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.89		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm 33 km	335.06 331.94	-	1,417 ft 1,417 m
14	GS	IKL	111.75 MHz	10 nm 19 km	137.31 134.19	3.00	1,417 ft 1,417 m
16	GS	IZH	110.50 MHz	10 nm 19 km	155.05 151.93	3.00	1,417 ft 1,417 m
28	GS	IZW	109.75 MHz	10 nm 19 km	276.01 272.89	3.30	1,417 ft 1,417 m
34	GS	IZS	110.75 MHz	10 nm 19 km	335.06 331.94	3.30	1,417 ft 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: 12.845 E

METAR

KSFO 050556Z 22008KT 10SM FEW008 SCT018 BKN027 11/06 A2992 RMK A02 SLP132 60000 T01060056 10133 20106 51019 \$

TAF

TAF KSFO 050520Z 0506/0612 27012G18KT P6SM FEW020 SCT040 FM051400 29015KT P6SM FEW020 FEW040 FM052100 28015G21KT

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