

LSZH

Zurich

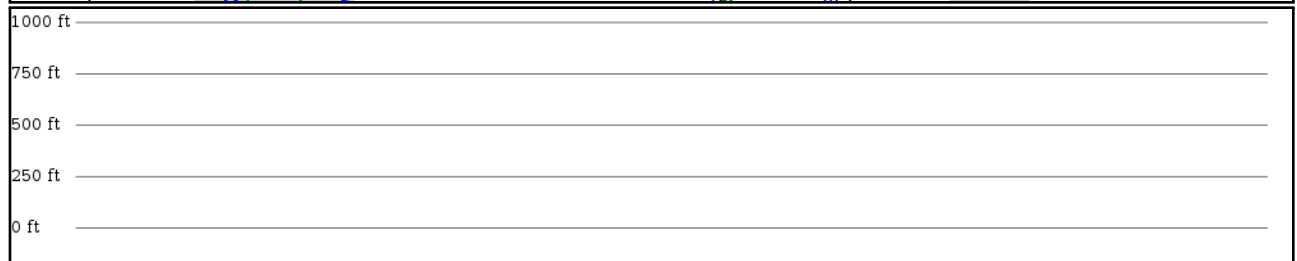
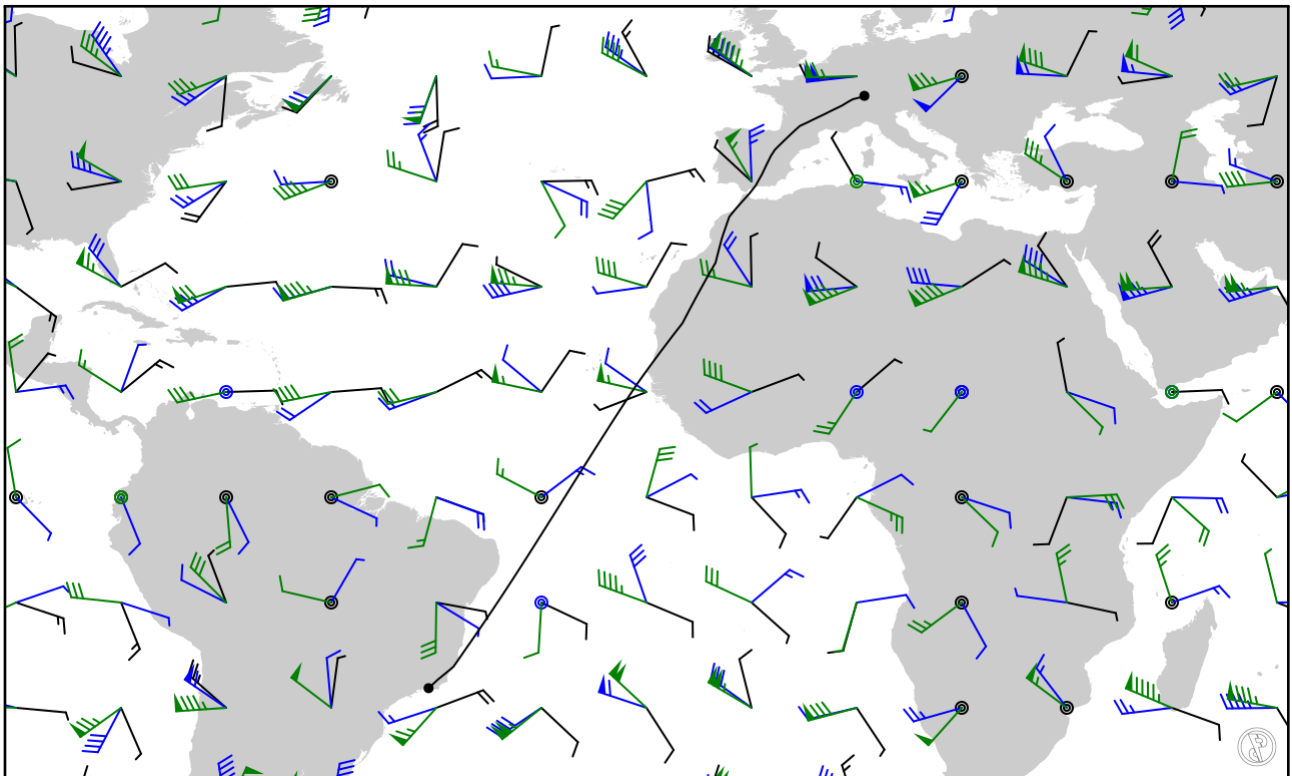
SBGL

Galeao-Antonio Carlos Jobim Intl

2024/05/20 0917Z

LSZH VEBIT BENOT UN869 LERGA NARAK UN869 AGN BRITO CJN INTAX ANZAN UN869 SLK TOPMA UM372 BULIS  
ARDAR UR975 SLO INIRO UA302 TAROT LIROL KODOS UL206 NEMOL GIANT UL206 ILKOX PAMOX UL206 AKTIN VRI  
MOLSU SBGL

5119.25 nm / 9480.85 km



## Notes

Requested: LSZH VEBIT4W VEBIT BENOT UN869 VEROX UN869 MILPA UN869 NINTU UN869 MEBAK UN869 LERGA UN869 MINSO UN869  
Unmatched points: VEBIT4W MINSO TIVLI YAKXU ANITI DAGTA UTBOM2A

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LSZH	-	47.46350	0 ft	-	Zurich
APT	-	8.54995	0 m		
VEBIT	-	47.26860	0 ft	25	-
FIX	-	8.00583	0 m		
BENOT	-	47.05770	0 ft	36	-
FIX	-	7.17281	0 m		
NEMOS	UN869	46.91190	0 ft	13	-
FIX	AWY-HI	6.90656	0 m		
VEROX	UN869	46.72750	0 ft	17	-
FIX	AWY-HI	6.57333	0 m		
GVA10	UN869	46.41640	0 ft	28	-
FIX	AWY-HI	6.06389	0 m		
MILPA	UN869	46.30250	0 ft	10	-
FIX	AWY-HI	5.87972	0 m		
NINTU	UN869	46.14720	0 ft	16	-
FIX	AWY-HI	5.55306	0 m		
MEBAK	UN869	45.70800	0 ft	46	-
FIX	AWY-HI	4.64886	0 m		
REPSI	UN869	45.52240	0 ft	19	-
FIX	AWY-HI	4.27528	0 m		
TITVA	UN869	45.36320	0 ft	16	-
FIX	AWY-HI	3.95878	0 m		
LERGA	UN869	45.25730	0 ft	10	-
FIX	AWY-HI	3.75017	0 m		
NARAK	-	44.29530	0 ft	103	-
FIX	-	1.74889	0 m		
AGN	UN869	43.88800	0 ft	45	AGEN
VOR	AWY-HI	0.87286	0 m		
BRITO	-	41.07910	0 ft	213	-
FIX	-	-2.07803	0 m		
CJN	-	40.37180	0 ft	47	CASTEJON VOR-DME
DME	-	-2.54466	0 m		
INTAX	-	39.58990	0 ft	50	-
FIX	-	-2.93375	0 m		
ANZAN	-	39.00000	0 ft	37	-
FIX	-	-3.22144	0 m		
BLN	UN869	38.15250	0 ft	54	BAILEN
VOR	AWY-HI	-3.62500	0 m		
MGA	UN869	36.81430	0 ft	87	MALAGA
VOR	AWY-HI	-4.36958	0 m		
PIMOS	UN869	36.15040	0 ft	47	-
FIX	AWY-HI	-4.89347	0 m		
GALTO	UN869	35.83330	0 ft	22	-
FIX	AWY-HI	-5.14361	0 m		
RBT	UN869	34.04990	0 ft	133	RABAT
VOR	AWY-HI	-6.74639	0 m		
SLK	UN869	33.11570	0 ft	67	SIDI KHEDIM (CASABLANCA)
VOR	AWY-HI	-7.50610	0 m		
TOPMA	-	30.58080	0 ft	158	-
FIX	-	-8.38167	0 m		
DIVUX	UM372	29.00000	0 ft	97	-
FIX	AWY-HI	-8.79972	0 m		
BULIS	UM372	27.66670	0 ft	82	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-9.14167	0 m		
ARDAR	-	20.50000	0 ft	481	-
FIX	-	-13.06670	0 m		
SEPEL	UR975	17.83390	0 ft	198	-
FIX	AWY-HI	-15.12170	0 m		
IDINI	UR975	17.64310	0 ft	14	-
FIX	AWY-HI	-15.26580	0 m		
ULNOT	UR975	17.10720	0 ft	39	-
FIX	AWY-HI	-15.66920	0 m		
NEVDI	UR975	16.51720	0 ft	43	-
FIX	AWY-HI	-16.11000	0 m		
SLO	UR975	16.04910	0 ft	34	ST LOUIS
NDB	AWY-HI	-16.45710	0 m		
INIRO	-	13.33190	0 ft	199	-
FIX	-	-18.42780	0 m		
TAROT	UA302	11.46500	0 ft	133	-
FIX	AWY-HI	-19.66670	0 m		
LIROL	-	6.34500	0 ft	364	-
FIX	-	-22.97500	0 m		
KODOS	-	1.20308	0 ft	364	-
FIX	-	-26.21690	0 m		
BUTAP	UL206	-0.26383	0 ft	103	-
FIX	AWY-HI	-27.13700	0 m		
ARUNU	UL206	-0.57250	0 ft	21	-
FIX	AWY-HI	-27.32800	0 m		
REGIS	UL206	-3.05900	0 ft	176	-
FIX	AWY-HI	-28.89070	0 m		
BUGAT	UL206	-3.61917	0 ft	39	-
FIX	AWY-HI	-29.24320	0 m		
NEMOL	UL206	-6.18750	0 ft	182	-
FIX	AWY-HI	-30.86870	0 m		
GIANT	-	-11.59520	0 ft	385	-
FIX	-	-34.36380	0 m		
ILKOX	UL206	-13.37370	0 ft	127	-
FIX	AWY-HI	-35.54580	0 m		
PAMOX	-	-16.12350	0 ft	197	-
FIX	-	-37.41650	0 m		
CALVO	UL206	-18.42880	0 ft	165	-
FIX	AWY-HI	-39.01250	0 m		
AKTIN	UL206	-19.69270	0 ft	90	-
FIX	AWY-HI	-39.89070	0 m		
VRI	-	-20.26020	0 ft	40	VITORIA
VOR	-	-40.28500	0 m		
MOLSU	-	-21.83980	0 ft	143	-
FIX	-	-42.20480	0 m		
SBGL	-	-22.80890	0 ft	81	Galeao-Antonio Carlos Jobim Intl
APT	-	-43.24380	0 m		

## LSZH

Region: SWITZERLAND  
Timezone: EUROPE/ZURICH  
Runways: 3

Elevation: 1,416 ft / 432 m  
Location: 47.463500 8.549950  
Magnetic Var: 3.128 E

## METAR

LSZH 200850Z 35005KT 280V050 CAVOK 18/11 Q1011 NOSIG

## TAF

TAF LSZH 200825Z 2009/2115 VRB02KT CAVOK TX23/2015Z TN13/2104Z TX15/2114Z BECMG 2010/2012 05007KT 9999 FEW040 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	314.19		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 33 km	335.06 331.93	-	1,417 ft 1,417 m
14	GS	IKL	111.75 MHz	10 nm 19 km	137.31 134.18	3.00	1,417 ft 1,417 m
16	GS	IZH	110.50 MHz	10 nm 19 km	155.05 151.92	3.00	1,417 ft 1,417 m
28	GS	IZW	109.75 MHz	10 nm 19 km	276.01 272.88	3.30	1,417 ft 1,417 m
34	GS	IZS	110.75 MHz	10 nm 19 km	335.06 331.93	3.30	1,417 ft 1,417 m

## SBGL

Region: BRAZIL  
Timezone: AMERICA/SAO\_PAULO  
Runways: 2

Elevation: 28 ft / 9 m  
Location: -22.808900 -43.243800  
Magnetic Var: 23.424 W

## METAR

SBGL 200900Z 08002KT 8000 BKN009 22/21 Q1016

## TAF

TAF SBGL 200300Z 2006/2112 33003KT 9999 SCT020 TN22/2009Z TX30/2017Z PROB40 2008/2012 3500 BR BKN012 BECMG 2012/2

## Frequencies

REC - 127.60 MHz - ATIS	CLD - 121.00 MHz - GALEAO CLEARANCE
CLD - 135.10 MHz - GALEAO CLEARANCE	GND - 121.65 MHz - GALEAO GROUND
GND - 128.35 MHz - GALEAO GROUND	TWR - 118.00 MHz - GALEAO TOWER
TWR - 118.20 MHz - GALEAO TOWER	APP - 129.80 MHz - RIO APPROACH
APP - 125.95 MHz - RIO APPROACH	APP - 128.90 MHz - RIO APPROACH
APP - 119.35 MHz - RIO APPROACH	COM - 122.80 MHz - GALEAO UNICOM

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	13,136 ft	74.40	CONCRETE	0 ft	0 ft
	45 m	4,004 m	97.82		0 m	0 m
28	148 ft	13,136 ft	254.38	CONCRETE	0 ft	174 ft
	45 m	4,004 m	277.81		0 m	53 m
15	154 ft	10,426 ft	125.65	ASPHALT	0 ft	184 ft
	47 m	3,178 m	149.08		0 m	56 m
33	154 ft	10,426 ft	305.64	ASPHALT	0 ft	184 ft
	47 m	3,178 m	329.07		0 m	56 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	IGL	110.30 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28	DME	ILM	111.50 MHz	18 nm	-	-	28 ft
				33 km	-		28 m
10	LOC-ILS	ITB	109.30 MHz	18 nm	74.39	-	28 ft
				33 km	97.81		28 m
15	LOC-ILS	IGL	110.30 MHz	18 nm	125.65	-	28 ft
				33 km	149.07		28 m
28	LOC-ILS	ILM	111.50 MHz	18 nm	254.39	-	28 ft
				33 km	277.81		28 m
10	GS	ITB	109.30 MHz	10 nm	74.39	3.00	28 ft
				19 km	97.81		28 m
15	GS	IGL	110.30 MHz	10 nm	125.65	3.00	28 ft
				19 km	149.07		28 m
28	GS	ILM	111.50 MHz	10 nm	254.39	2.94	28 ft
				19 km	277.81		28 m