

ATC POSITIONS

LSAS_LM1_CTR	133.405	Swiss Radar	LSZH_DEP	125.950	Zurich Departure
LSAZ_S_CTR	128.050	Swiss Radar	LSZH_TWR	118.100	Zurich Tower
LSZH_W_APP	118.000	Zurich Arrival	LSZH_GND	121.900	Zurich Ground
LSZH_E_APP	135.225	Zurich Arrival	LSZH_AS_GND	121.750	Zurich Apron (S)
LSZH_F_APP	125.325	Zurich Final	LSZH_AN_GND	121.850	Zurich Apron (N)
LSZH_A_APP	119.925	Zurich Arrival	LSZH_DEL	121.925	Zurich Delivery

RUNWAY CONCEPTS

	Departures	Arrivals		0700 LT	0900 LT	2000 LT	2100 LT
Day	28 ¹ SEC 16	14 ILS ²		Mon-Fri Morning	Day	Day	Evening
Morning	32 SEC 34, 28*	34 ILS ³		Sat-Sun, HOL Morning	Day	Day	Evening
Evening	32 SEC 34	28 ILS ⁴ 34*					

*on request ¹If TWF14 >10kt: ARR 28 ILS ²If TWF28 >10kt: DEP 10
³If TWF34 >5kt: ARR 28 ILS ⁴If TWF28 >5kt: ARR 34 ILS

DEPARTURES

RWY28	TURN	RWY 16	TURN	RWY32	TURN	RWY34	TURN	RWY10	TURN
DEGES2W	L	DEGES2S	L	DEGES3L	L	DEGES3F	L	DEGES1E	L
VEBIT3W	L	VEBIT3S	L	VEBIT2N	L	VEBIT2H	L	VEBIT2E	L
WIL3V	L	WIL3R	L	WIL2M	L	WIL2G	L	GERSA1C	L
		ZUE2R	L	ZUE3L	L	ZUE3F	L	WIL2D	L
								ZUE1D	L
								ALBIX1C	R
ZUE2V ¹	L	DEGES2R	L	DEGES2N ¹	R	DEGES2H ¹	R	DEGES1D	L
GERSA2W ³	L	WIL2Q ²	R	ZUE1M ¹	R	ZUE1G ¹	R	WIL2C ⁴	R
		GERSA2S ³	L			VEBIT1K ⁴	L	GERSA1E ³	L

¹In coordination with LSZH_DEP/APP only

²For prop aircraft in VMC only

³Activation by NOTAM. Corrected route: VEBIT T53 GERSA

⁴Four engine aircraft only

RNAV
NON-RNAV

VFR ROUTES

	Inbound	Outbound	Preferred RWY (DEP/ARR): 28
Echo	E - E1 - E2	E2 - E1 - E	Holding E2 / W2
Whisky	W - W1 - W2	W2 - W1 - W	Traffic patterns 28: Left hand, 2500FT
Sierra	S - W1 - W2	W2 - W1 - S	

LOW VISIBILITY PROCEDURES

Conditions: LVP are activated when ceiling (BKN or OVC) < 200ft AAL and/or RVR < 550m.

ATIS: Mention «LOW VISIBILITY PROCEDURES IN OPERATION».

ILS sensitive area: During LVP, no aircraft allowed in the ILS sensitive area if arriving aircraft within 2NM of threshold.

Increased ILS separation: during LVP, separation between two arriving aircraft on the ILS is increased to > 6NM.

ARRIVALS

IAF GIPOL	IAF AMIKI	RWY28	RWY34
BERSU1G	NEGRA1A	GIPOL28	GIPOL34
BLM2G	RILAX1A	AMIKI28	AMIKI34
DOPIL1G	NEGRA1Z	RILAX28	RILAX34
HOC1G	TRA1Z		
KELIKP2G			

Nav aids	
KLO	114.85
ZUE	110.05
TRA	114.30
WIL	116.90

Standard holdings

Holding	Turn	HDG	Altitude
GIPOL	R	078°	7000ft - FL240
AMIKI	R	275°	7000ft - FL240
RILAX	R	190°	7000ft - FL240
RAVED	L	267°	FL120 - FL240
BERSU	R	051°	FL100 - FL200
URNAS	R	348°	14000ft - FL160



DEPARTURE SEPARATION

Wake turbulence separation - general case
Time to be applied between the two clearances

#1 → #2 ↓	Light	Medium	Heavy	A380
Light	-	2 min	2 min	3 min
Medium	-	-	2 min	3 min

Following (lighter) traffic taking off from an intersection of the same runway: add 1 min

Zürich specific

Time to be applied between the #1 liftoff and the take-off clearance for #2

#1 → #2 ↓	RWY10	RWY16	RWY28
RWY10	DEGES		> 1 min
	VEBIT	< 1 min	
RWY16	DEGES		30 sec
	VEBIT		30 sec
RWY28	DEGES	30 sec	overhead
	VEBIT		< 1 min

ARR/DEP SEPARATION

Departing traffic must start rolling before the arriving traffic on the ILS reaches this distance from the threshold

#DEP → #ARR ↓	RWY10	RWY16	RWY28	RWY32
RWY14	> 3 NM	> 8 NM		
RWY16	> 4 NM		> 4 NM	
RWY34				> 4 NM

GATE ATTRIBUTION

*CRJ1, E190, F100, DH8X, etc

Cat	Type	Schengen	Non-Schengen
L	Private jets	F / GAC / W	F / GAC / W
M	Airliners	A / B / C / D	B / C / D
	Small airliners*	H / I	H / I
H	Private	P / W	P / W
	Airliners	B38 / B39 / B45	E
A380	Private	W	W
	Airliners	B38 / B39	E67 / E19
All	Cargo / need maintenance	T	T

TA / TRL	QNH	< 994	993 1012	1013 1031	> 1032
TRL	FL80	FL75	FL70	FL65	
TA	7000ft				

SQUAWK	DEP	VFR	SIERRA	ARR
	3001-3057	7001-7017	1000*	1201-1237

*mode S, dest LSXX, LIXX, LFX, LOXX, LKXX, EBXX, EDXX, EHXX

ILS DATA

RWY HDG	Freq - ident	FAF - altitude	CAT	Min ceil	Min RVR
14 135°	111.75* IKL	OSNEM 4000FT	IIIB	0-50ft	75m
28 274°	110.75 IZW	RAMEM 5000FT	I	680ft	2400m
16 153°	110.50 IZH	ENUSO 4000FT	IIIB	0-50ft	75m
34 333°	110.75 IZS	UTIXO 6000FT	I	200ft	550m

*Old frequency (also FSX default scenery): 108.30

