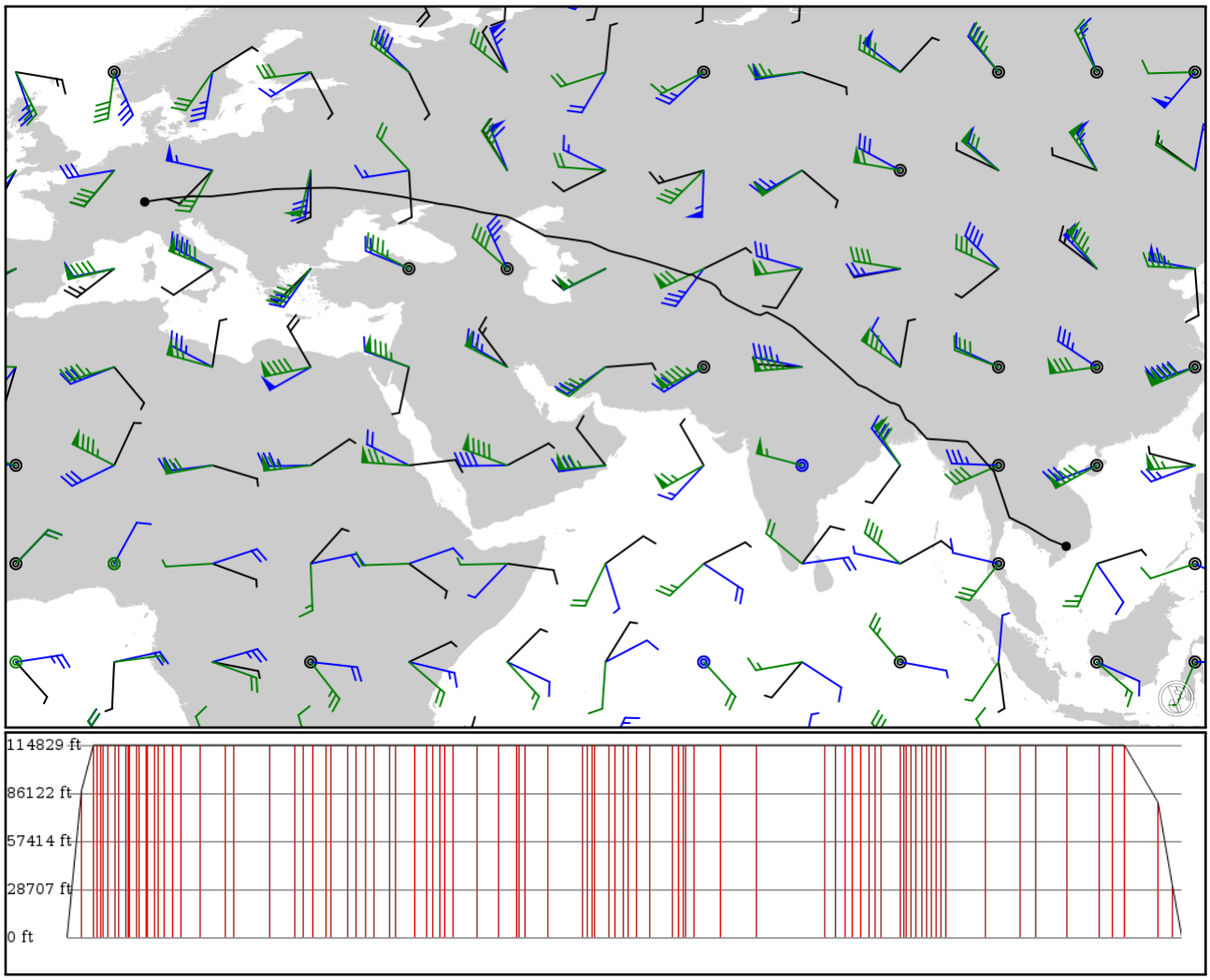
LSZH – VVTS

Zurich — TAN SON NHAT INTL

2024/03/28 0949Z

LSZH KPT **L856** GISPO **UL856** MAREG **L856** OKR **R23** NIT **A42** ABITU **UM991** TAGOD **A42** TAKOS **UM991** TAKET **A42** NM **UL984** BULIG **A87** PW **B493** ROSNI **B946** KS **G246** AMATA **A87** AKT **B363** KUNAS **B440** UTAT **B712** SOVOD URG **W17** DY **A117** MZ **A66** DS **G500** JD **V878** RAMAN KAVOG PADDY BAVRO **J129** TANGO **J154** BUNGI **J122** DELDA **J125** SD LA 3200N08000E MANKA **W41** KTM **R344** BRT KG THAKN **W11** SDP **W3** DAC **G463** KANDI ADMIL **G463** CTG AVDAX **B465** MDY **R207** CMA **A464** BKK **R468** POPET VVTS

5444.92 nm / 10084.00 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
LSZH APT	–	47.46349 8.54996	0 ft 0 m	–	Zurich
KPT VOR	–	47.74583 10.34972	26,700 ft 8,138 m	74	KEMPTEN VOR-DME
MANAL FIX	L856 AWY-LO	47.89945 11.80000	35,000 ft 10,668 m	59	–
ROTIN FIX	L856 AWY-LO	47.94278 12.24639	35,000 ft 10,668 m	18	–
TRAUN FIX	L856 AWY-LO	47.97472 12.58750	35,000 ft 10,668 m	13	–
SBG VOR	L856 AWY-LO	48.00258 12.89276	35,000 ft 10,668 m	12	SALZBURG VOR-DME
MATIG FIX	L856 AWY-LO	48.05859 13.54149	35,000 ft 10,668 m	26	–
BAGSI FIX	L856 AWY-LO	48.05782 14.28972	35,000 ft 10,668 m	30	–
SITNI FIX	L856 AWY-LO	48.05423 14.83461	35,000 ft 10,668 m	21	–
TAGAS FIX	L856 AWY-LO	48.04399 15.65397	35,000 ft 10,668 m	32	–
DENUX FIX	L856 AWY-LO	48.07037 15.88066	35,000 ft 10,668 m	9	–
GISPO FIX	L856 AWY-LO	48.09880 16.12953	35,000 ft 10,668 m	10	–
MAREG FIX	UL856 AWY-HI	48.19049 16.96909	35,000 ft 10,668 m	34	–
OKR NDB	L856 AWY-LO	48.22387 17.29032	35,000 ft 10,668 m	13	STEFANIK NORTH NDB
NIT VOR	R23 AWY-LO	48.29044 18.05064	35,000 ft 10,668 m	30	NITRA VOR-DME
ABITU FIX	A42 AWY-LO	48.33333 18.32472	35,000 ft 10,668 m	11	–
SLC VOR	UM991 AWY-HI	48.45324 19.11585	35,000 ft 10,668 m	32	SLIAC VOR-DME
TAGOD FIX	UM991 AWY-HI	48.51083 19.61583	35,000 ft 10,668 m	20	–
TAKOS FIX	A42 AWY-LO	48.58250 20.26667	35,000 ft 10,668 m	26	–
KSC VOR	UM991 AWY-HI	48.68309 21.24817	35,000 ft 10,668 m	39	KOSICE VOR-DME
MALBE FIX	UM991 AWY-HI	48.82389 22.37500	35,000 ft 10,668 m	45	–
IVF VOR	UM991 AWY-HI	48.88466 24.68990	35,000 ft 10,668 m	91	IVANO FRANKIVSK VOR-DME
TAKET FIX	UM991 AWY-HI	48.96971 27.83992	35,000 ft 10,668 m	124	–
NM NDB	A42 AWY-LO	48.96639 28.84826	35,000 ft 10,668 m	39	NEMYRIV NDB
TABOP FIX	UL984 AWY-HI	48.41811 33.22999	35,000 ft 10,668 m	176	–
BULIG FIX	UL984 AWY-HI	47.96648 36.21504	35,000 ft 10,668 m	122	–
PW	A87	47.74816	35,000 ft	42	PAVLIVKA NDB

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-LO	37.22339	10,668 m		
FASAD	B493	47.55500	35,000 ft	45	-
FIX	AWY-LO	38.31333	10,668 m		
ROSNI	B493	47.25833	35,000 ft	63	-
FIX	AWY-LO	39.82000	10,668 m		
KS	B946	47.20000	35,000 ft	21	KRASNY NDB
NDB	AWY-LO	40.35000	10,668 m		
AMATA	G246	46.88333	35,000 ft	81	-
FIX	AWY-LO	42.28333	10,668 m		
SUKUL	A87	46.64667	35,000 ft	43	-
FIX	AWY-LO	43.27167	10,668 m		
LISMU	A87	46.37333	35,000 ft	46	-
FIX	AWY-LO	44.33167	10,668 m		
PESOT	A87	46.22500	35,000 ft	39	-
FIX	AWY-LO	45.26667	10,668 m		
UP	A87	45.92722	35,000 ft	76	ZENZELI NDB
NDB	AWY-LO	47.06028	10,668 m		
YO	A87	45.71667	35,000 ft	25	BIRYUCHA KOSA NDB
NDB	AWY-LO	47.60000	10,668 m		
AZABI	A87	44.74000	35,000 ft	99	-
FIX	AWY-LO	49.50000	10,668 m		
AMANU	A87	44.18972	35,000 ft	54	-
FIX	AWY-LO	50.51056	10,668 m		
AKT	A87	43.85861	35,000 ft	32	AKTAU VOR-DME
VOR	AWY-LO	51.10194	10,668 m		
LOLNA	B363	43.76750	35,000 ft	32	-
FIX	AWY-LO	51.83694	10,668 m		
NEPIL	B363	43.69250	35,000 ft	25	-
FIX	AWY-LO	52.41528	10,668 m		
MEDOL	B363	43.57361	35,000 ft	38	-
FIX	AWY-LO	53.28306	10,668 m		
KUNAS	B363	43.15667	35,000 ft	121	-
FIX	AWY-LO	56.00000	10,668 m		
TABUN	B440	42.27333	35,000 ft	102	-
FIX	AWY-LO	57.99500	10,668 m		
UTAT	B440	41.76071	35,000 ft	87	DASHOGUZ
APT	AWY-LO	59.83794	10,668 m		
SOVOD	B712	41.70167	35,000 ft	12	-
FIX	AWY-LO	60.11167	10,668 m		
URG	-	41.58333	35,000 ft	25	URGENCH VOR-DME
VOR	-	60.65000	10,668 m		
NAGEN	W17	40.90000	35,000 ft	111	-
FIX	AWY-LO	62.95000	10,668 m		
DY	W17	39.74333	35,000 ft	172	NAGORNAYA NDB
NDB	AWY-LO	66.40500	10,668 m		
MZ	A117	39.70667	35,000 ft	23	SAMARKAND NDB
NDB	AWY-LO	66.92000	10,668 m		
DS	A66	39.42833	35,000 ft	22	URGUT NDB
NDB	AWY-LO	67.24333	10,668 m		
BUTRA	G500	39.35000	35,000 ft	12	-
FIX	AWY-LO	67.48333	10,668 m		
SX	G500	38.84333	35,000 ft	70	PUGUS NDB
NDB	AWY-HI	68.84000	10,668 m		
JD	G500	38.54333	35,000 ft	28	FAYZABAD NDB
NDB	AWY-HI	69.31333	10,668 m		
UTDK	V878	37.98833	35,000 ft	40	KULYAB

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
APT	AWY-LO	69.80667	10,668 m		
RAMAN	V878	37.61667	35,000 ft	22	-
FIX	AWY-LO	69.90000	10,668 m		
KAVOG	-	37.09167	35,000 ft	42	-
FIX	-	70.50000	10,668 m		
PADDY	-	36.46611	35,000 ft	66	-
FIX	-	71.63278	10,668 m		
BAVRO	-	35.54972	35,000 ft	106	-
FIX	-	73.51611	10,668 m		
TANGO	J129	35.41639	35,000 ft	28	-
FIX	AWY-HI	74.08250	10,668 m		
BUNGI	J154	35.63306	35,000 ft	28	-
FIX	AWY-HI	74.59917	10,668 m		
DELDA	J122	35.71639	35,000 ft	10	-
FIX	AWY-HI	74.78250	10,668 m		
SD	J125	35.34907	35,000 ft	42	SKARDU NDB
NDB	AWY-HI	75.53138	10,668 m		
LA	-	34.15000	35,000 ft	124	LEH NDB
NDB	-	77.58333	10,668 m		
3200N08000E	-	32.00000	35,000 ft	177	-
LATLON	-	80.00000	10,668 m		
MANKA	-	28.00778	35,000 ft	334	-
FIX	-	84.48528	10,668 m		
KTM	W41	27.67472	35,000 ft	50	KATHMANDU VOR-DME
VOR	AWY-LO	85.34917	10,668 m		
AHALE	R344	27.19667	35,000 ft	50	-
FIX	AWY-LO	86.11806	10,668 m		
CHURE	R344	26.86333	35,000 ft	34	-
FIX	AWY-LO	86.65194	10,668 m		
BRT	R344	26.48083	35,000 ft	40	BIRATNAGAR VOR-DME
VOR	AWY-LO	87.26306	10,668 m		
KG	-	26.10126	35,000 ft	43	KISHANGANJ NDB
NDB	-	87.94176	10,668 m		
THAKN	-	26.01649	35,000 ft	25	-
FIX	-	88.39654	10,668 m		
SDP	W11	25.75453	35,000 ft	31	SAIDPUR VOR
VOR	AWY-LO	88.90990	10,668 m		
BELKU	W3	24.33389	35,000 ft	93	-
FIX	AWY-LO	89.61389	10,668 m		
TEGAK	W3	24.17833	35,000 ft	15	-
FIX	AWY-LO	89.83472	10,668 m		
MEXIV	W3	24.04500	35,000 ft	14	-
FIX	AWY-LO	90.05139	10,668 m		
DAC	W3	23.82468	35,000 ft	23	DHAKA VOR-DME
VOR	AWY-LO	90.41260	10,668 m		
KANDI	G463	23.50361	35,000 ft	24	-
FIX	AWY-LO	90.70139	10,668 m		
ADMIL	-	23.18083	35,000 ft	25	-
FIX	-	90.99056	10,668 m		
DAC75	G463	22.86743	35,000 ft	24	-
FIX	AWY-LO	91.28030	10,668 m		
ONEKA	G463	22.58000	35,000 ft	22	-
FIX	AWY-LO	91.53722	10,668 m		
CTG	G463	22.25774	35,000 ft	25	CHITTAGONG VOR-DME
VOR	AWY-LO	91.82748	10,668 m		
AVDAX	-	22.22583	35,000 ft	24	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	92.27361	10,668 m		
APAGO	B465	22.20250	35,000 ft	22	-
FIX	AWY-LO	92.67014	10,668 m		
MDY	B465	21.93428	35,000 ft	193	MANDALAY VOR-DME
VOR	AWY-LO	96.12975	10,668 m		
SISUK	R207	19.80114	35,000 ft	166	-
FIX	AWY-LO	98.02956	10,668 m		
CMA	R207	18.76612	35,000 ft	81	CHIANG MAI VOR-DME
VOR	AWY-LO	98.96126	10,668 m		
BEKOD	A464	16.35478	35,000 ft	152	-
FIX	AWY-LO	99.77677	10,668 m		
BKK	A464	13.89356	35,000 ft	155	BANGKOK VOR-DME
VOR	AWY-LO	100.59619	10,668 m		
GOMES	R468	13.40171	35,000 ft	64	-
FIX	AWY-LO	101.58492	10,668 m		
BOKAK	R468	12.96008	35,000 ft	59	-
FIX	AWY-LO	102.49649	10,668 m		
PNH	R468	11.54667	24,600 ft	161	PHNOM PENH VOR-DME
VOR	AWY-LO	104.84167	7,498 m		
POPET	R468	11.10000	9,500 ft	70	-
FIX	AWY-LO	105.95000	2,896 m		
VVTS	-	10.81875	0 ft	44	TAN SON NHAT INTL
APT	-	106.65173	0 m		

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.111 E

METAR

LSZH 280920Z 18010KT 140V200 9999 FEW009 SCT015 BKN075 04/03 Q0996 NOSIG

TAF

TAF LSZH 280825Z 2809/2915 25010KT 9999 SCT020 BKN025 TX12/2815Z TN02/2902Z TX18/2915Z TEMPO 2810/2815 27015G28K

Frequencies

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

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft 60 m	12,181 ft 3,713 m	155.03 151.92	CONCRETE	0 ft 0 m	62 ft 19 m
34	197 ft 60 m	12,181 ft 3,713 m	335.05 331.94	CONCRETE	1,542 ft 470 m	49 ft 15 m
14	197 ft 60 m	10,816 ft 3,297 m	137.29 134.18	CONCRETE	492 ft 150 m	75 ft 23 m
32	197 ft 60 m	10,816 ft 3,297 m	317.31 314.20	CONCRETE	0 ft 0 m	82 ft 25 m
10	197 ft 60 m	8,196 ft 2,498 m	95.99 92.88	CONCRETE	0 ft 0 m	62 ft 19 m
28	197 ft 60 m	8,196 ft 2,498 m	276.02 272.91	CONCRETE	0 ft 0 m	276 ft 84 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm 33 km	- -	-	1,460 ft 1,460 m
16	DME	IZH	110.50 MHz	18 nm 33 km	- -	-	1,400 ft 1,400 m
28	DME	IZW	109.75 MHz	18 nm 33 km	- -	-	1,416 ft 1,416 m
34	DME	IZS	110.75 MHz	18 nm 33 km	- -	-	1,410 ft 1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm 33 km	137.31 134.20	-	1,417 ft 1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm 33 km	155.05 151.94	-	1,417 ft 1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm 33 km	276.01 272.90	-	1,417 ft 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	331.95		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.20		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.94		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.90		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.95		1,417 m

VVTS

Region: VIETNAM
Timezone: ASIA/HO_CHI_MINH
Runways: 2

Elevation: 33 ft / 10 m
Location: 10.818700 106.652000
Magnetic Var: 0.662 W

METAR

VVTS 280930Z 19011KT 160V220 9999 FEW030 SCT060 32/21 Q1009 NOSIG

TAF

TAF VVTS 280500Z 2806/2912 17010KT 9999 SCT017

Frequencies

REC - 128.00 MHz - TAN SON NHAT ATIS
TWR - 130.00 MHz - TAN SON NHAT TOWER
GND - 121.75 MHz - TAN SON NHAT GROUND
GND - 121.97 MHz - TAN SON NHAT GROUND
CLD - 121.80 MHz -
TAN SON NHAT CLEARANCE DELIVERY
APP - 125.50 MHz - TAN SON NHAT APPROACH
GND - 124.07 MHz -
TAN SON NHAT TERMINAL CONTROL AREA
APP - 126.35 MHz - TAN SON NHAT ARRIVAL

TWR - 118.70 MHz - TAN SON NHAT TOWER
GND - 121.60 MHz - TAN SON NHAT GROUND
GND - 121.90 MHz - TAN SON NHAT GROUND
CLD - 123.60 MHz -
TAN SON NHAT CLEARANCE DELIVERY
APP - 126.35 MHz - TAN SON NHAT APPROACH
GND - 125.50 MHz -
TAN SON NHAT TERMINAL CONTROL AREA
APP - 127.72 MHz - TAN SON NHAT ARRIVAL

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	148 ft 45 m	12,541 ft 3,822 m	68.98 69.64	CONCRETE	2,513 ft 766 m	853 ft 260 m
25L	148 ft 45 m	12,541 ft 3,822 m	248.98 249.64	CONCRETE	0 ft 0 m	1,030 ft 314 m
07L	148 ft 45 m	10,009 ft 3,051 m	68.96 69.63	CONCRETE	0 ft 0 m	1,030 ft 314 m
25R	148 ft 45 m	10,009 ft 3,051 m	248.97 249.63	CONCRETE	0 ft 0 m	1,033 ft 315 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
25L	DME	SGN	108.30 MHz	18 nm 33 km	- -	-	33 ft 33 m
25R	DME	HCM	110.50 MHz	18 nm 33 km	- -	-	33 ft 33 m
07R	LOC-ILS	ITS	111.70 MHz	18 nm 33 km	68.98 69.64	-	33 ft 33 m
25L	LOC-ILS	SGN	108.30 MHz	18 nm 33 km	248.98 249.64	-	33 ft 33 m
25R	LOC-ILS	HCM	110.50 MHz	18 nm 33 km	248.97 249.63	-	33 ft 33 m
07R	GS	ITS	111.70 MHz	10 nm 19 km	68.98 69.64	3.00	33 ft 33 m
25L	GS	SGN	108.30 MHz	10 nm 19 km	248.98 249.64	3.00	33 ft 33 m
25R	GS	HCM	110.50 MHz	10 nm 19 km	248.97 249.63	3.00	33 ft 33 m