

LSZH

Zurich

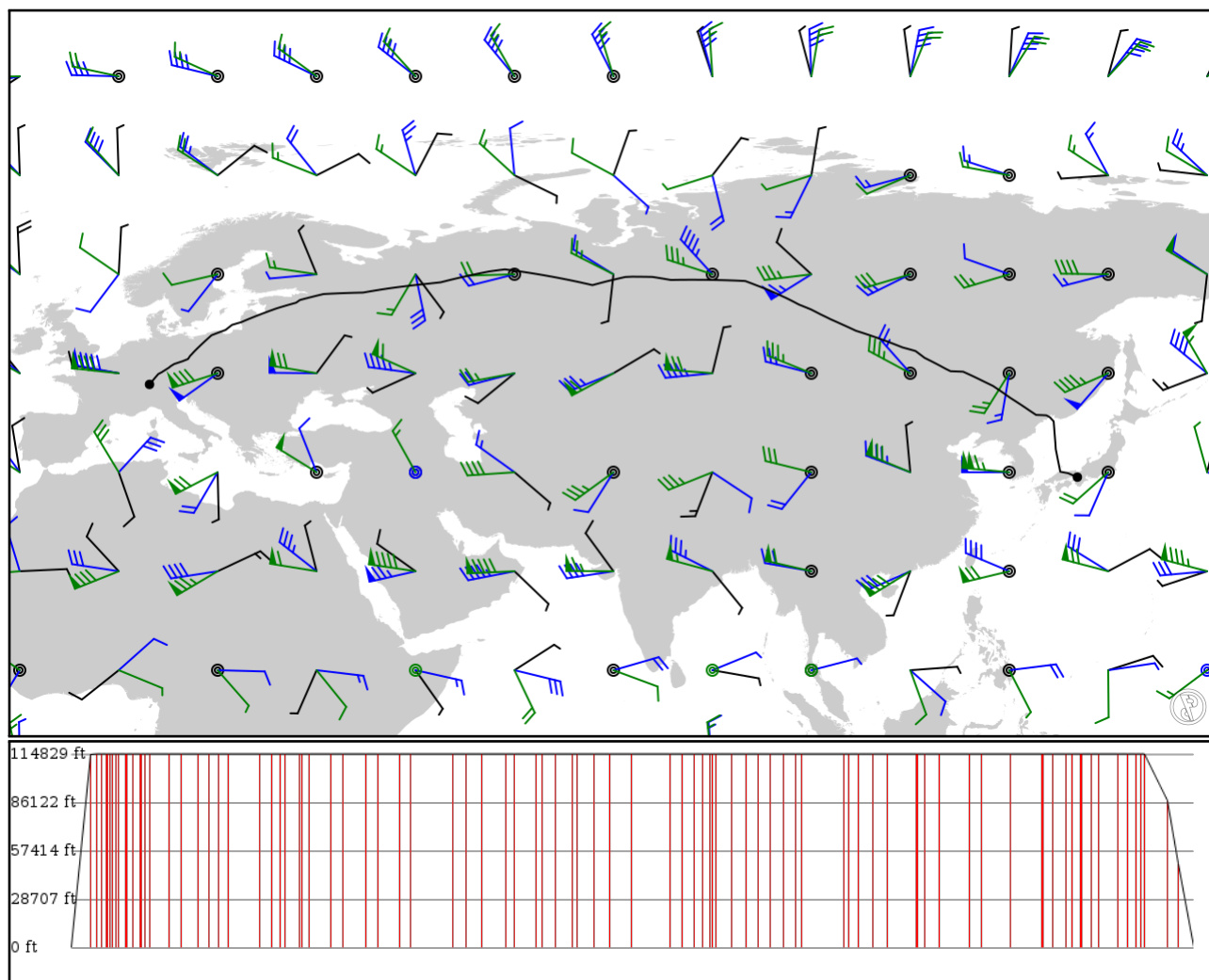
RJ00

OSAKA INTL

2024/05/06 1448Z

LSZH GUPIN **N869** DKB **UN869** KEGOS **N869** ANELA **Z715** LISBA **Q246** RIKLU **P31** BURAN **L733** RANOK **B73** TIGNU
UM155 PLNGA **M155** MIRMA **UM155** VALGA **M994** PIRUS **B170** OS **G59** GR **R30** KTL **R22** ADISA **B486** MEDER **B154**
POLUN **B200** SONIV ZJ **G483** SVITA **R22** PTG **G490** BRT **B478** UIAA **A91** TELOK **A345** HLD **B451** BISUN KESAN
GAGRU AGITA **G711** KANSU **B332** JEC **G597** TSUNO RJ00

5356.63 nm / 9920.48 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	-	47.46349	0 ft	-	Zurich
APT	-	8.54996	0 m		
GUPIN	-	48.88250	34,900 ft	97	-
FIX	-	9.74806	10,638 m		
DKB	N869	49.14275	35,000 ft	24	DINKELSBUHL VORTAC
VOR	AWY-LO	10.23831	10,668 m		
NORAS	UN869	49.40667	35,000 ft	22	-
FIX	AWY-HI	10.64917	10,668 m		
KEGOS	UN869	49.66056	35,000 ft	21	-
FIX	AWY-HI	11.05139	10,668 m		
ANELA	N869	49.76889	35,000 ft	9	-
FIX	AWY-LO	11.22472	10,668 m		
ERETO	Z715	49.93111	35,000 ft	12	-
FIX	AWY-LO	11.40833	10,668 m		
KULOK	Z715	50.07278	35,000 ft	12	-
FIX	AWY-LO	11.63056	10,668 m		
URONA	Z715	50.25417	35,000 ft	15	-
FIX	AWY-LO	11.93250	10,668 m		
PEROX	Z715	50.34472	35,000 ft	11	-
FIX	AWY-LO	12.19944	10,668 m		
NOKSI	Z715	50.59758	35,000 ft	32	-
FIX	AWY-LO	12.96032	10,668 m		
ABKIS	Z715	50.62972	35,000 ft	4	-
FIX	AWY-LO	13.05722	10,668 m		
LISBA	Z715	50.89333	35,000 ft	29	-
FIX	AWY-LO	13.70917	10,668 m		
RIKLU	Q246	50.93111	35,000 ft	4	-
FIX	AWY-LO	13.81111	10,668 m		
GARKI	P31	51.38444	35,000 ft	29	-
FIX	AWY-LO	14.11611	10,668 m		
KOBUS	P31	51.51333	35,000 ft	9	-
FIX	AWY-LO	14.25250	10,668 m		
BUKIG	P31	51.74417	35,000 ft	15	-
FIX	AWY-LO	14.46389	10,668 m		
GOVEN	P31	52.05833	35,000 ft	21	-
FIX	AWY-LO	14.75555	10,668 m		
SUTOR	P31	53.39194	35,000 ft	94	-
FIX	AWY-LO	16.15278	10,668 m		
BURAN	P31	54.18028	35,000 ft	56	-
FIX	AWY-LO	17.02972	10,668 m		
RANOK	L733	54.91333	35,000 ft	80	-
FIX	AWY-LO	18.95833	10,668 m		
TIGNU	B73	55.60500	35,000 ft	51	-
FIX	AWY-LO	19.84000	10,668 m		
PLNGA	UM155	55.97333	35,000 ft	47	-
FIX	AWY-HI	21.09389	10,668 m		
MIRMA	M155	56.42250	35,000 ft	44	-
FIX	AWY-LO	22.16194	10,668 m		
VALGA	UM155	57.85389	35,000 ft	149	-
FIX	AWY-HI	25.91611	10,668 m		
PIRUS	M994	58.33000	35,000 ft	58	-
FIX	AWY-LO	27.51500	10,668 m		
SERBI	B170	58.63306	35,000 ft	38	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	28.59778	10,668 m		
OS	B170	59.00000	35,000 ft	27	OSMINO NDB
NDB	AWY-LO	29.11667	10,668 m		
NURMA	G59	59.50139	35,000 ft	66	-
FIX	AWY-LO	31.04417	10,668 m		
MALUK	G59	59.58972	35,000 ft	12	-
FIX	AWY-LO	31.40417	10,668 m		
GR	G59	59.81667	35,000 ft	31	GORKA NDB
NDB	AWY-LO	32.35000	10,668 m		
ABEDO	R30	59.96833	35,000 ft	105	-
FIX	AWY-LO	35.83278	10,668 m		
SU	R30	60.02000	35,000 ft	57	BELOZERSK NDB
NDB	AWY-LO	37.75944	10,668 m		
METAT	R30	60.58333	35,000 ft	108	-
FIX	AWY-LO	41.21444	10,668 m		
SANUL	R30	60.84667	35,000 ft	60	-
FIX	AWY-LO	43.21111	10,668 m		
KTL	R30	61.23806	35,000 ft	104	KOTLAS VOR-DME
VOR	AWY-LO	46.71333	10,668 m		
ADISA	R22	61.41694	35,000 ft	48	-
FIX	AWY-LO	48.34611	10,668 m		
MEDER	B486	62.90028	35,000 ft	205	-
FIX	AWY-LO	54.96472	10,668 m		
POLUN	B154	63.19000	35,000 ft	62	-
FIX	AWY-LO	57.15333	10,668 m		
BURKA	B200	62.83333	35,000 ft	73	-
FIX	AWY-LO	59.73333	10,668 m		
KARLO	B200	62.18333	35,000 ft	114	-
FIX	AWY-LO	63.63333	10,668 m		
ABELO	B200	61.94389	35,000 ft	38	-
FIX	AWY-LO	64.89167	10,668 m		
SONIV	B200	61.22667	35,000 ft	106	-
FIX	AWY-LO	68.29667	10,668 m		
ZJ	-	61.03333	35,000 ft	26	KHANTY-MANSIYSK VOR-DME
VOR	-	69.12694	10,668 m		
GISOT	G483	61.54389	35,000 ft	63	-
FIX	AWY-LO	71.04028	10,668 m		
KANAL	G483	62.15056	35,000 ft	81	-
FIX	AWY-LO	73.61528	10,668 m		
USRK	G483	62.19042	35,000 ft	25	KOGALYM
APT	AWY-LO	74.53380	10,668 m		
USNR	G483	62.15833	35,000 ft	78	-
APT	AWY-LO	77.33000	10,668 m		
SVITA	G483	61.74167	35,000 ft	75	-
FIX	AWY-LO	79.84500	10,668 m		
KUMIR	R22	61.76722	35,000 ft	105	-
FIX	AWY-LO	83.54917	10,668 m		
PTG	R22	61.59889	35,000 ft	184	PODKAMENNAYA TUNGUSKA VOR-DME
VOR	AWY-LO	90.01278	10,668 m		
OBROK	G490	61.00833	35,000 ft	56	-
FIX	AWY-LO	91.55500	10,668 m		
SEVIK	G490	60.41722	35,000 ft	56	-
FIX	AWY-LO	93.06639	10,668 m		
TALOD	G490	59.96722	35,000 ft	41	-
FIX	AWY-LO	94.11139	10,668 m		
PEDAN	G490	59.59722	35,000 ft	32	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	94.91139	10,668 m		
TIKUS	G490	59.43389	35,000 ft	14	-
FIX	AWY-LO	95.27139	10,668 m		
ADASO	G490	59.24722	35,000 ft	16	-
FIX	AWY-LO	95.67472	10,668 m		
RI	G490	58.37500	35,000 ft	74	BOGUCHANY NDB
NDB	AWY-LO	97.37000	10,668 m		
KUFIR	G490	57.71667	35,000 ft	65	-
FIX	AWY-LO	99.00000	10,668 m		
OGAMA	G490	57.02333	35,000 ft	60	-
FIX	AWY-LO	100.35000	10,668 m		
BRT	G490	56.37222	35,000 ft	58	BRATSK VOR-DME
VOR	AWY-LO	101.68583	10,668 m		
AKIRU	B478	55.70500	35,000 ft	64	-
FIX	AWY-LO	103.18000	10,668 m		
AVIBI	B478	55.10833	35,000 ft	57	-
FIX	AWY-LO	104.49167	10,668 m		
MX	B478	54.80000	35,000 ft	29	-
NDB	AWY-LO	105.15000	10,668 m		
RIMLA	B478	53.13722	35,000 ft	196	-
FIX	AWY-LO	109.95694	10,668 m		
DIROL	B478	52.90833	35,000 ft	25	-
FIX	AWY-LO	110.54833	10,668 m		
NERKA	B478	52.51722	35,000 ft	42	-
FIX	AWY-LO	111.53361	10,668 m		
UIAA	B478	52.02758	35,000 ft	71	KADALA
APT	AWY-LO	113.30166	10,668 m		
AGINO	A91	51.10056	35,000 ft	72	-
FIX	AWY-LO	114.53389	10,668 m		
ZBK	A91	49.64667	35,000 ft	138	ZABAYKALSK VOR
VOR	AWY-LO	117.33333	10,668 m		
TELOK	A91	49.62667	35,000 ft	2	-
FIX	AWY-LO	117.37833	10,668 m		
MANLI	A345	49.58333	35,000 ft	3	-
FIX	AWY-LO	117.45000	10,668 m		
KAGAK	A345	49.26667	35,000 ft	31	-
FIX	AWY-LO	118.10000	10,668 m		
HLD	A345	49.20167	35,000 ft	67	HAILAR VOR-DME
VOR	AWY-LO	119.82333	10,668 m		
TEPOD	B451	47.80000	35,000 ft	144	-
FIX	AWY-LO	122.77167	10,668 m		
NDG	B451	47.24167	35,000 ft	57	QIQIHAR VOR-DME
VOR	AWY-LO	123.92167	10,668 m		
HRB	B451	45.62333	35,000 ft	137	HARBIN VOR-DME
VOR	AWY-LO	126.26000	10,668 m		
LEPNI	B451	43.92333	35,000 ft	150	-
FIX	AWY-LO	128.85000	10,668 m		
ATODO	B451	43.80833	35,000 ft	10	-
FIX	AWY-LO	129.02000	10,668 m		
WQG	B451	43.29500	35,000 ft	45	WANGQING VOR-DME
VOR	AWY-LO	129.78333	10,668 m		
BISUN	B451	43.23333	35,000 ft	61	-
FIX	AWY-LO	131.19667	10,668 m		
KESAN	-	42.97528	35,000 ft	25	-
FIX	-	131.67083	10,668 m		
GAGRU	-	42.42528	35,000 ft	40	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	132.18750	10,668 m		
AGITA	-	42.32694	35,000 ft	5	-
FIX	-	132.19750	10,668 m		
RIVAT	G711	41.48333	35,000 ft	50	-
FIX	AWY-LO	132.26667	10,668 m		
RASON	G711	40.90000	35,000 ft	35	-
FIX	AWY-LO	132.30833	10,668 m		
DOHAE	G711	39.38333	35,000 ft	91	-
FIX	AWY-LO	132.43167	10,668 m		
KANSU	G711	38.63333	35,000 ft	45	-
FIX	AWY-LO	132.47500	10,668 m		
PAVLA	B332	37.97472	35,000 ft	40	-
FIX	AWY-LO	132.60667	10,668 m		
SABET	B332	37.64528	35,000 ft	20	-
FIX	AWY-LO	132.67139	10,668 m		
IGRAS	B332	37.31260	35,000 ft	20	-
FIX	AWY-LO	132.73622	10,668 m		
JEC	B332	35.53112	26,600 ft	108	MIHO VORTAC
VOR	AWY-LO	133.09391	8,108 m		
TSUNO	G597	35.33278	15,200 ft	53	-
FIX	AWY-LO	134.15334	4,633 m		
RJ00	-	34.78560	0 ft	71	OSAKA INTL
APT	-	135.43802	0 m		

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.124 E

METAR

LSZH 061420Z 22007KT 9999 -SHRA FEW012 SCT035 BKN070 13/11 Q1012 NOSIG

TAF

TAF LSZH 061425Z 0615/0721 24006KT 9999 FEW014 BKN070 TX13/0615Z TN09/0704Z TX14/0715Z PROB40 TEMPO 0615/0619 4500

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

RJ00

Region: JAPAN
Timezone: ASIA/TOKYO
Runways: 2

Elevation: 39 ft / 12 m
Location: 34.785600 135.438000
Magnetic Var: 8.110 W

METAR

RJ00 061400Z AUTO 09005KT 8000 RA BKN041 BKN044 OVC050 18/17 Q1013 RMK A2992 RI006

TAF

TAF RJ00 061111Z 0612/0718 06008KT 8000 -SHRA FEW008 SCT015 BKN025 TEMPO 0612/0618 4000 SHRA BR TEMPO 0618/0623 3000

Frequencies

CLD - 118.80 MHz - OSAKA DELIVERY	GND - 121.70 MHz - OSAKA GROUND
TWR - 118.10 MHz - OSAKA TOWER	DEP - 119.50 MHz - KANSAI DEPARTURE
APP - 120.45 MHz - KANSAI APPROACH	REC - 128.60 MHz - OSAKA ATIS

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14R	200 ft	9,846 ft	135.14	ASPHALT	128 ft	213 ft
	61 m	3,001 m	143.25		39 m	65 m
32L	200 ft	9,846 ft	315.15	ASPHALT	125 ft	249 ft
	61 m	3,001 m	323.26		38 m	76 m
14L	143 ft	5,995 ft	135.18	ASPHALT	128 ft	679 ft
	44 m	1,827 m	143.28		39 m	207 m
32R	143 ft	5,995 ft	315.18	ASPHALT	118 ft	571 ft
	44 m	1,827 m	323.29		36 m	174 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32L	LOC-ILS	ISK	110.10 MHz	18 nm	315.13	-	50 ft
				33 km	323.24		50 m
32L	GS	ISK	110.10 MHz	10 nm	315.28	3.00	54 ft
				19 km	323.39		54 m