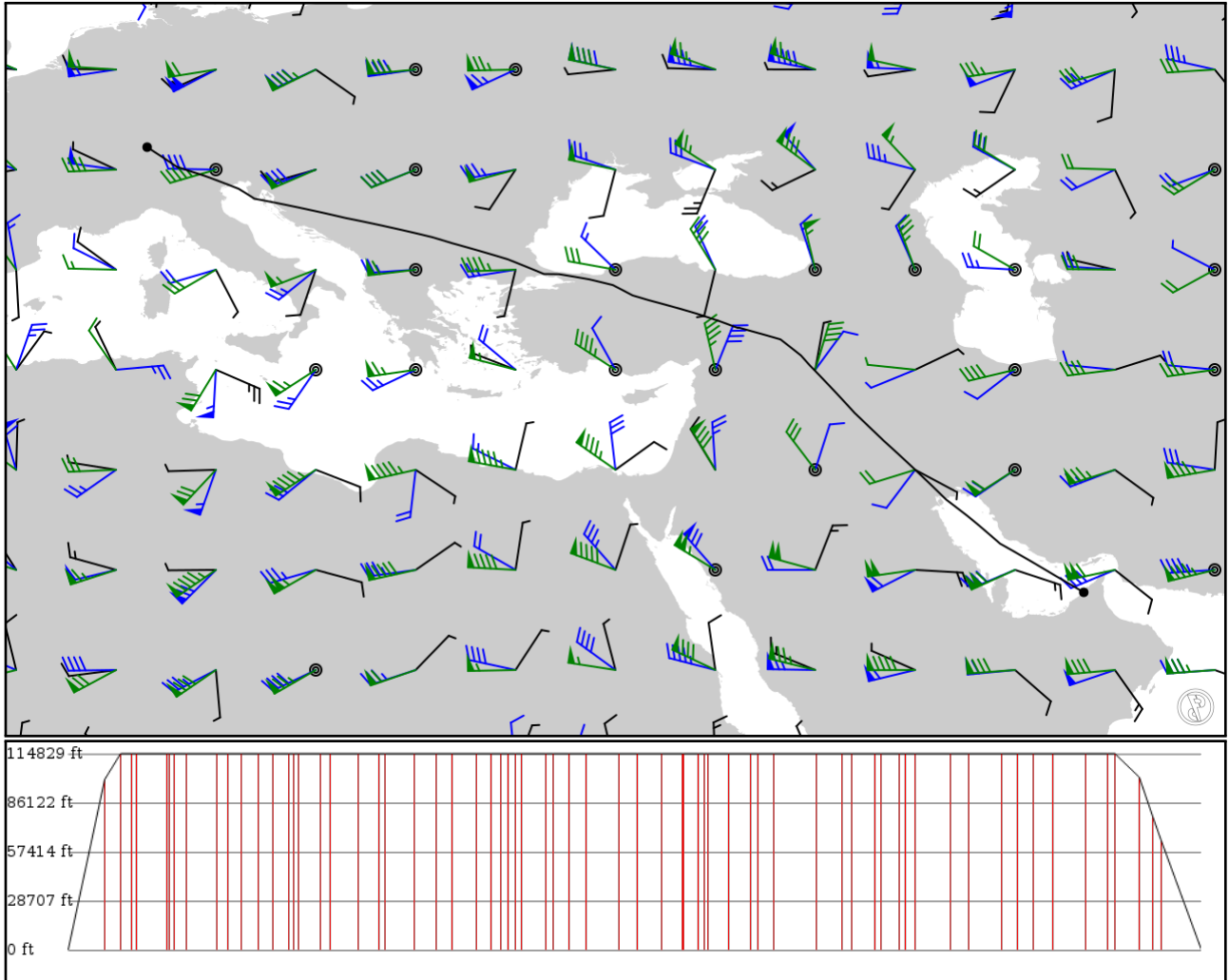


2024/05/06 0359Z

LSZH RESIA **Q333** BABAG **UN606** PUL **L614** PALEZ **UL614** NISVA **L614** ADORU **UA4** YAVRU **UA17** BAG **UG8** GEM GEM  
**UW73** ERH ERH **UW73** DYB **UP975** NOLDO **P975** SIDAT **R784** IMDAT **B416** ORSAR OMDB

2629.96 nm / 4870.68 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	-	47.46350	0 ft	-	Zurich
APT	-	8.54995	0 m		
RESIA	-	46.47830	30,400 ft	85	-
FIX	-	10.04330	9,266 m		
UNTAD	Q333	46.22000	35,000 ft	36	-
FIX	AWY-HI	10.84280	10,668 m		
DIKEM	Q333	46.03970	35,000 ft	25	-
FIX	AWY-HI	11.39940	10,668 m		
ROKIB	Q333	45.93560	35,000 ft	13	-
FIX	AWY-HI	11.69220	10,668 m		
BABAG	Q333	45.38690	35,000 ft	68	-
FIX	AWY-HI	13.12690	10,668 m		
PEVAL	UN606	45.31140	35,000 ft	6	-
FIX	AWY-HI	13.24750	10,668 m		
NAKIT	UN606	45.18810	35,000 ft	11	-
FIX	AWY-HI	13.44780	10,668 m		
PUL	UN606	44.89240	35,000 ft	26	PULA
VOR	AWY-HI	13.91810	10,668 m		
PALEZ	L614	44.57500	35,000 ft	71	-
FIX	AWY-LO	15.53310	10,668 m		
SONIK	UL614	44.44830	35,000 ft	27	-
FIX	AWY-HI	16.14330	10,668 m		
ELTIB	UL614	44.30360	35,000 ft	30	-
FIX	AWY-HI	16.81640	10,668 m		
SOLGU	UL614	44.11580	35,000 ft	38	-
FIX	AWY-HI	17.66140	10,668 m		
KEB	UL614	43.93390	35,000 ft	35	SARAJEVO
VOR	AWY-HI	18.44980	10,668 m		
MITNO	UL614	43.77330	35,000 ft	35	-
FIX	AWY-HI	19.24170	10,668 m		
PESAK	UL614	43.71860	35,000 ft	11	-
FIX	AWY-HI	19.50420	10,668 m		
TORTO	UL614	43.67090	35,000 ft	10	-
FIX	AWY-HI	19.73130	10,668 m		
RAMAP	UL614	43.41840	35,000 ft	52	-
FIX	AWY-HI	20.89110	10,668 m		
GINAM	UL614	43.30860	35,000 ft	22	-
FIX	AWY-HI	21.37640	10,668 m		
NISVA	UL614	42.97280	35,000 ft	65	-
FIX	AWY-HI	22.79750	10,668 m		
BLO	L614	42.66720	35,000 ft	48	BAILOVO
VOR	AWY-HI	23.81390	10,668 m		
DEDIN	L614	42.59420	35,000 ft	12	-
FIX	AWY-HI	24.07940	10,668 m		
GERGI	L614	42.18330	35,000 ft	68	-
FIX	AWY-HI	25.52190	10,668 m		
ADORU	L614	41.87170	35,000 ft	50	-
FIX	AWY-HI	26.56830	10,668 m		
SERCE	UA4	41.57720	35,000 ft	37	-
FIX	AWY-HI	27.30920	10,668 m		
TIRER	UA4	41.13640	35,000 ft	55	-
FIX	AWY-HI	28.38420	10,668 m		
BKZ	UA4	41.12700	35,000 ft	34	BEYKOZ

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	29.14290	10,668 m		
GAYEM	UA4	41.04580	35,000 ft	22	-
FIX	AWY-HI	29.63000	10,668 m		
ERKAL	UA4	40.98670	35,000 ft	16	-
FIX	AWY-HI	29.97980	10,668 m		
NUMSO	UA4	40.92270	35,000 ft	17	-
FIX	AWY-HI	30.34540	10,668 m		
ERSEN	UA4	40.86560	35,000 ft	14	-
FIX	AWY-HI	30.66610	10,668 m		
YAVRU	UA4	40.58220	35,000 ft	55	-
FIX	AWY-HI	31.83280	10,668 m		
KIZIK	UA17	40.41830	35,000 ft	17	-
FIX	AWY-HI	32.14940	10,668 m		
BAG	UA17	40.06990	35,000 ft	36	BAGLUM (ANKARA)
VOR	AWY-HI	32.81040	10,668 m		
KUBER	UG8	39.83220	35,000 ft	39	-
FIX	AWY-HI	33.61060	10,668 m		
MARTI	UG8	39.40170	35,000 ft	77	-
FIX	AWY-HI	35.18280	10,668 m		
GEM	UG8	39.15530	35,000 ft	42	GEMEREK VOR-DME
DME	AWY-HI	36.02920	10,668 m		
GEM	-	39.15380	35,000 ft	0	GEMEREK
VOR	-	36.02850	10,668 m		
UREBO	UW73	38.78940	35,000 ft	56	-
FIX	AWY-HI	37.14420	10,668 m		
ERH	UW73	38.44160	35,000 ft	48	ERHAC TACAN
DME	AWY-HI	38.08620	10,668 m		
ERH	-	38.46250	35,000 ft	1	MALATYA
VOR	-	38.11210	10,668 m		
ASKER	UW73	38.27690	35,000 ft	33	-
FIX	AWY-HI	38.78470	10,668 m		
DIGIL	UW73	38.19530	35,000 ft	14	-
FIX	AWY-HI	39.07720	10,668 m		
MOVUL	UW73	38.15290	35,000 ft	7	-
FIX	AWY-HI	39.23200	10,668 m		
DYB	UW73	37.87340	35,000 ft	49	DIYARBAKIR
VOR	AWY-HI	40.20820	10,668 m		
LEKRO	UP975	37.27740	35,000 ft	51	-
FIX	AWY-HI	40.97150	10,668 m		
LESRI	UP975	37.07220	35,000 ft	17	-
FIX	AWY-HI	41.23030	10,668 m		
SIDNA	UP975	36.56610	35,000 ft	37	-
FIX	AWY-HI	41.68310	10,668 m		
TUBEN	UP975	35.29000	35,000 ft	97	-
FIX	AWY-HI	42.90940	10,668 m		
MUTAG	UP975	34.50080	35,000 ft	59	-
FIX	AWY-HI	43.64280	10,668 m		
SOGUM	UP975	34.20330	35,000 ft	22	-
FIX	AWY-HI	43.91500	10,668 m		
PUTSI	UP975	33.53330	35,000 ft	53	-
FIX	AWY-HI	44.61670	10,668 m		
SINKA	UP975	33.36030	35,000 ft	13	-
FIX	AWY-HI	44.79810	10,668 m		
NOLDO	UP975	32.82560	35,000 ft	42	-
FIX	AWY-HI	45.35810	10,668 m		
KATUT	P975	32.62690	35,000 ft	16	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	45.57750	10,668 m		
DENKI	P975	32.37440	35,000 ft	20	-
FIX	AWY-HI	45.85610	10,668 m		
ILMAP	P975	31.35920	35,000 ft	82	-
FIX	AWY-HI	46.95060	10,668 m		
PEBAD	P975	30.83970	35,000 ft	42	-
FIX	AWY-HI	47.49940	10,668 m		
SIDAD	P975	29.87530	35,000 ft	77	-
FIX	AWY-HI	48.49560	10,668 m		
DESLU	R784	29.46670	35,000 ft	37	-
FIX	AWY-HI	49.03060	10,668 m		
NANPI	R784	29.08250	35,000 ft	34	-
FIX	AWY-HI	49.53250	10,668 m		
ALNIN	R784	28.55140	35,000 ft	46	-
FIX	AWY-HI	50.17670	10,668 m		
IMDAT	R784	27.68330	35,000 ft	74	-
FIX	AWY-HI	51.18330	10,668 m		
DURSI	B416	27.20530	35,000 ft	53	-
FIX	AWY-HI	52.02890	10,668 m		
PEGET	B416	27.07610	35,000 ft	14	-
FIX	AWY-HI	52.25420	10,668 m		
EGMIT	B416	26.56110	30,800 ft	56	-
FIX	AWY-HI	53.14030	9,388 m		
LEVNA	B416	26.25970	23,800 ft	32	-
FIX	AWY-HI	53.64920	7,254 m		
ORSAR	B416	26.07500	19,500 ft	20	-
FIX	AWY-HI	53.95830	5,944 m		
OMDB	-	25.25110	0 ft	91	Dubai Intl
APT	-	55.37110	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 060320Z AUTO VRB02KT 9999 FEW005 BKN070 12/12 Q1009 TEMPO SHRA

## TAF

TAF LSZH 060225Z 0603/0709 VRB02KT 9999 FEW045 BKN055 TX16/0610Z TN12/0604Z TN08/0704Z PROB30 TEMPO 0603/0606 SHRA

## 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	335.06	-	1,417 ft
				33 km	331.94		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.19		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.93		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.89		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.94		1,417 m

## OMDB

Region: UNITED ARAB EMIRATES  
Timezone: ASIA/DUBAI  
Runways: 2

Elevation: 62 ft / 19 m  
Location: 25.251100 55.371100  
Magnetic Var: 2.352 E

## METAR

OMDB 060300Z 32005KT 300V010 CAVOK 29/18 Q1008 NOSIG

## TAF

TAF OMDB 052300Z 0600/0706 VRB02KT 8000 NSC PROB30 0602/0604 4000 HZ BECMG 0607/0609 31012KT BECMG 0615/0617 08000

## Frequencies

REC - 126.27 MHz - ATIS ARRIVAL	REC - 131.70 MHz - ATIS DEPARTURE
TWR - 126.77 MHz - DUBAI TOWER	TWR - 119.55 MHz - DUBAI TOWER
TWR - 118.75 MHz - DUBAI TOWER	TWR - 119.05 MHz - DUBAI TOWER
GND - 118.35 MHz - DUBAI GROUND	GND - 118.85 MHz - DUBAI GROUND
GND - 121.65 MHz - DUBAI GROUND	CLD - 120.35 MHz - CLEARANCE DELIVERY
APP - 122.50 MHz - MINHAD APPROACH	APP - 126.02 MHz - MINHAD APPROACH
APP - 120.25 MHz - DUBAI ARRIVAL	APP - 124.45 MHz - DUBAI ARRIVAL
APP - 124.90 MHz - DUBAI ARRIVAL	DEP - 126.02 MHz - DUBAI DEPARTURE
DEP - 121.02 MHz - DUBAI DEPARTURE	DEP - 126.20 MHz - DUBAI DEPARTURE
DEP - 120.25 MHz - DUBAI DEPARTURE	APP - 120.40 MHz - DUBAI RADAR
APP - 126.02 MHz - DUBAI RADAR	APP - 127.90 MHz - DUBAI DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	200 ft	14,604 ft	121.53	ASPHALT	2,352 ft	771 ft
	61 m	4,452 m	119.18		717 m	235 m
30L	200 ft	14,604 ft	301.54	ASPHALT	436 ft	0 ft
	61 m	4,452 m	299.19		133 m	0 m
12L	200 ft	14,289 ft	121.48	ASPHALT	1,496 ft	381 ft
	61 m	4,355 m	119.13		456 m	116 m
30R	200 ft	14,289 ft	301.50	ASPHALT	991 ft	377 ft
	61 m	4,355 m	299.15		302 m	115 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	IDBL	110.10 MHz	18 nm	-	-	62 ft
				33 km	-		62 m
30L	DME	IDBW	111.30 MHz	18 nm	-	-	41 ft
				33 km	-		41 m
30R	DME	IDBR	110.90 MHz	18 nm	-	-	44 ft
				33 km	-		44 m
12L	LOC-ILS	IDBL	110.10 MHz	18 nm	121.49	-	62 ft
				33 km	119.14		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.19		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.19		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.14		62 m



Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	GS	IDBL	110.10 MHz	10 nm	121.49	3.00	62 ft
				19 km	119.14		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.19		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.19		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.14		62 m