

LBWN

Varna

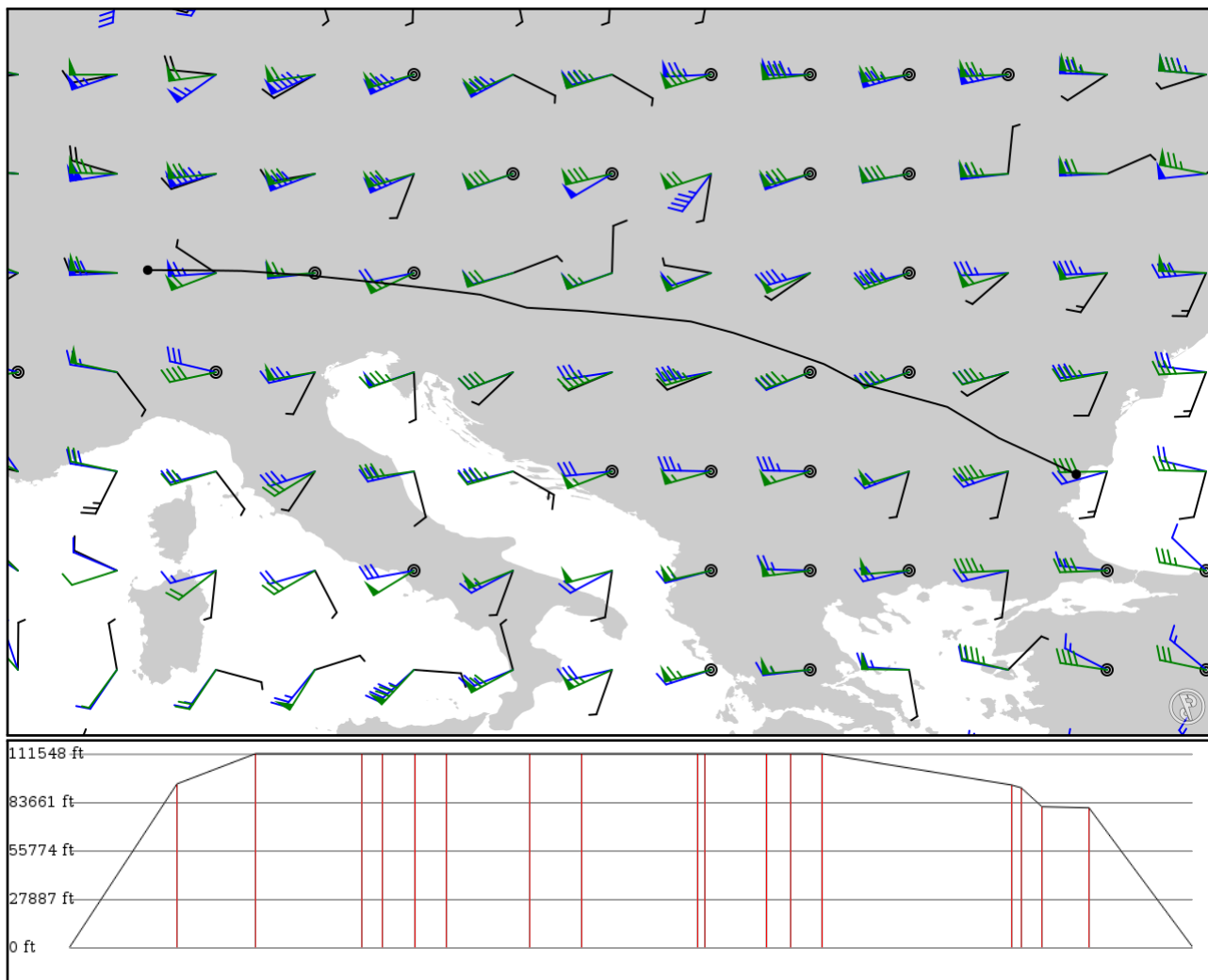
LSZH

Zurich

2024/05/04 0636Z

LBWN KOMAN **UL602** TUSET **UL5** LAMIT **UL605** NEKUL **UT85** MOPUG **UL606** SOGMO **UM859** DIMLO **UT23** ALGOI LSZH

860.54 nm / 1593.72 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
LBWN	-	43.23204	0 ft	-	Varna
APT	-	27.82524	0 m		
KOMAN	-	43.98333	28,700 ft	83	-
FIX	-	26.21667	8,748 m		
TUSET	UL602	44.62686	34,000 ft	59	-
FIX	AWY-HI	25.14958	10,363 m		
LAMIT	UL5	45.10398	34,000 ft	80	-
FIX	AWY-HI	23.37477	10,363 m		
IDELO	UL605	45.26025	34,000 ft	15	-
FIX	AWY-HI	23.07903	10,363 m		
NEKUL	UL605	45.51679	34,000 ft	25	-
FIX	AWY-HI	22.58677	10,363 m		
TUNET	UT85	45.69591	34,000 ft	23	-
FIX	AWY-HI	22.07959	10,363 m		
MOPUG	UT85	46.16347	34,000 ft	63	-
FIX	AWY-HI	20.70805	10,363 m		
MAVIR	UL606	46.39842	34,000 ft	39	-
FIX	AWY-HI	19.82528	10,363 m		
SOGMO	UL606	46.60953	34,000 ft	89	-
FIX	AWY-HI	17.68335	10,363 m		
NIKAB	UM859	46.61909	34,000 ft	5	-
FIX	AWY-HI	17.54561	10,363 m		
DIMLO	UM859	46.68349	34,000 ft	46	-
FIX	AWY-HI	16.42272	10,363 m		
NIDLO	UT23	46.80334	34,000 ft	19	-
FIX	AWY-HI	15.99468	10,363 m		
GRZ	UT23	46.95537	34,000 ft	24	GRAZ VOR-DME
VOR	AWY-HI	15.44943	10,363 m		
BIRGI	UT23	47.34778	28,500 ft	145	-
FIX	AWY-HI	11.94056	8,687 m		
BERAS	UT23	47.35937	28,000 ft	6	-
FIX	AWY-HI	11.76958	8,534 m		
NORIN	UT23	47.38710	24,700 ft	15	-
FIX	AWY-HI	11.38843	7,529 m		
ALGOI	UT23	47.44743	24,500 ft	36	-
FIX	AWY-HI	10.48867	7,468 m		
LSZH	-	47.46349	0 ft	78	Zurich
APT	-	8.54996	0 m		

```
Region: BULGARIA
Timezone: EUROPE/SOFIA
Runways: 1
```

Elevation: 229 ft / 70 m
Location: 43.232000 27.825300
Magnetic Var: 6.309 E

LBWN 040600Z 02006KT 340V040 9999 FEW012 SCT030 15/12 Q1005 NOSIG

TAF LBWN 040500Z 0406/0506 03010KT 7000 RA SCT005 BKN010 OVC020 BECMG 0406/0408 09012KT SCT020 BKN045 TEMPO 0410/0

REC - 118.07 MHz - VARNA ATIS
APP - 124.60 MHz - VARNA APP

TWR - 119.50 MHz - VARNA TWR

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	8,443 ft	96.95	ASPHALT	98 ft	0 ft
	45 m	2,573 m	90.64		30 m	0 m
27	148 ft	8,443 ft	276.97	ASPHALT	112 ft	0 ft
	45 m	2,573 m	270.66		34 m	0 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	LOC-ILS	IWN	109.90 MHz	18 nm	96.96	-	229 ft
				33 km	90.65		229 m
09	GS	IWN	109.90 MHz	10 nm	96.96	3.00	229 ft
				19 km	90.65		229 m

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.123 E

METAR

LSZH 040620Z VRB02KT 9999 FEW025 10/07 Q1016 NOSIG

TAF

TAF LSZH 040525Z 0406/0512 VRB02KT 9999 SCT060 TX18/0415Z TN09/0406Z TN10/0504Z PROB30 TEMPO 0408/0411 05005KT BE

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