LBWN
Varna

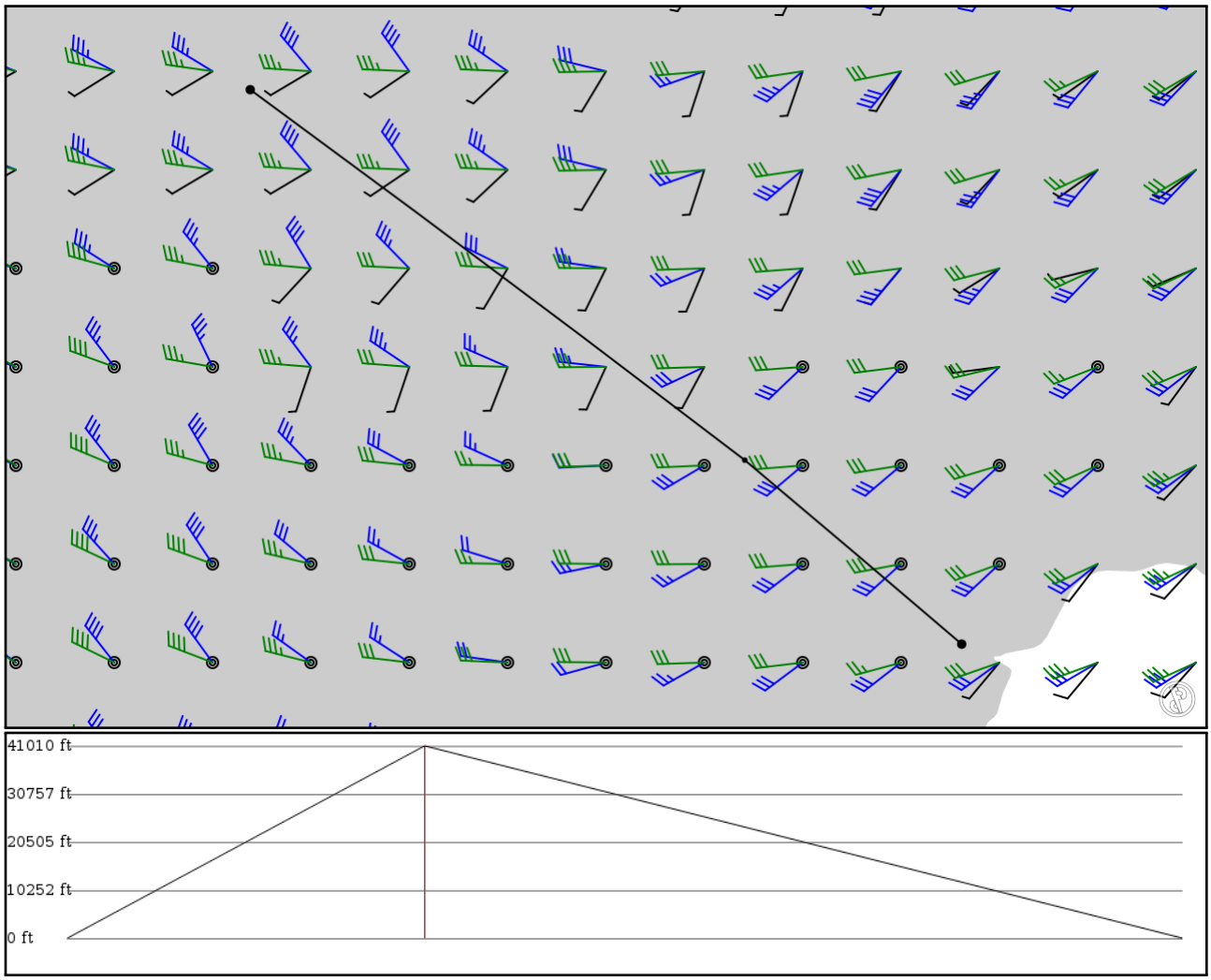
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LROP
Bucarest Otopeni Intl

2024/03/28 1747Z

LBWN BALIK LROP

109.73 nm / 203.23 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: no

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LBWN APT	–	43.23204 27.82524	0 ft 0 m	–	Varna
BALIK FIX	–	43.67667 27.30000	12,500 ft 3,810 m	35	–
LROP APT	–	44.57216 26.10218	0 ft 0 m	74	Bucarest Otopeni Intl

LBWN

Region: BULGARIA
Timezone: EUROPE/SOFIA
Runways: 1

Elevation: 229 ft / 70 m
Location: 43.232000 27.825300
Magnetic Var: 6.299 E

METAR

LBWN 281730Z AUTO VRB04KT 9999 NSC 15/08 Q1009 NOSIG

TAF

TAF LBWN 281100Z 2812/2912 20012KT 9999 BKN040 PROB40 TEMPO 2812/2816 22018G28KT 5000 TSRA SCT025 FEW030CB BKN040

Frequencies

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

TWR - 119.50 MHz - VARNA TWR

Runways

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	90.65		30 m	0 m
27	148 ft	8,443 ft	276.97	ASPHALT	112 ft	0 ft
	45 m	2,573 m	270.67		34 m	0 m

Approach Navaids

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	90.66		229 m
09	GS	IWN	109.90 MHz	10 nm	96.96	3.00	229 ft
				19 km	90.66		229 m

LROP

Region: ROMANIA
Timezone: EUROPE/BUCHAREST
Runways: 2

Elevation: 313 ft / 95 m
Location: 44.572300 26.102300
Magnetic Var: 6.278 E

METAR

LROP 281730Z 24008KT CAVOK 14/06 Q1009 NOSIG

TAF

TAF LROP 281100Z 2812/2912 25015KT CAVOK PROB30 TEMPO 2812/2816 27020G30KT BECMG 2820/2822 VRB04KT BECMG 2904/290

Frequencies

REC - 118.50 MHz - OTOPENI ATIS
TWR - 121.85 MHz - OTOPENI TWR

GND - 121.70 MHz - OTOPENI GND
APP - 118.25 MHz - BUCHAREST APP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08R	148 ft 45 m	11,494 ft 3,503 m	83.90 77.62	ASPHALT	0 ft 0 m	0 ft 0 m
26L	148 ft 45 m	11,494 ft 3,503 m	263.93 257.65	ASPHALT	0 ft 0 m	0 ft 0 m
08L	148 ft 45 m	11,493 ft 3,503 m	83.91 77.63	ASPHALT	0 ft 0 m	0 ft 0 m
26R	148 ft 45 m	11,493 ft 3,503 m	263.94 257.66	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	ILL	110.90 MHz	18 nm 33 km	- -	-	400 ft 400 m
08R	DME	IOP	110.30 MHz	18 nm 33 km	- -	-	400 ft 400 m
26L	DME	IOE	109.10 MHz	18 nm 33 km	- -	-	314 ft 314 m
26R	DME	IRR	110.70 MHz	18 nm 33 km	- -	-	400 ft 400 m
08L	LOC-ILS	ILL	110.90 MHz	18 nm 33 km	83.74 77.46	-	314 ft 314 m
08R	LOC-ILS	IOP	110.30 MHz	18 nm 33 km	83.74 77.46	-	303 ft 303 m
26L	LOC-ILS	IOE	109.10 MHz	18 nm 33 km	264.11 257.83	-	314 ft 314 m
26R	LOC-ILS	IRR	110.70 MHz	18 nm 33 km	264.12 257.84	-	314 ft 314 m
08L	GS	ILL	110.90 MHz	10 nm 19 km	84.84 78.56	3.00	314 ft 314 m
08R	GS	IOP	110.30 MHz	10 nm 19 km	84.81 78.53	2.70	314 ft 314 m
26L	GS	IOE	109.10 MHz	10 nm 19 km	264.81 258.53	2.70	303 ft 303 m
26R	GS	IRR	110.70 MHz	10 nm 19 km	264.84 258.56	3.00	314 ft 314 m