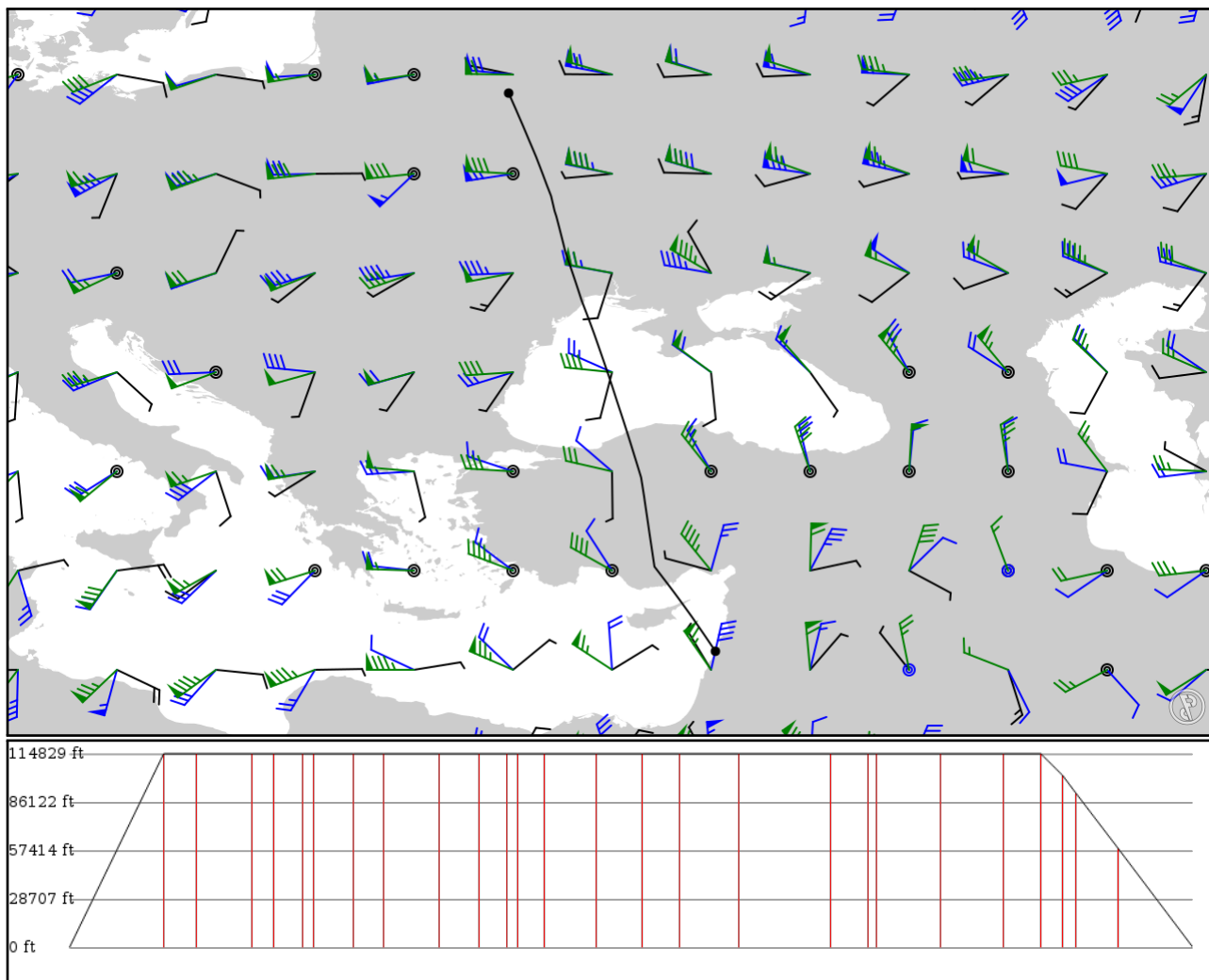


2024/05/03 0354Z

UMMS BABUN **M854** ODS **M856** RAKUR **UM856** BAG **UA28** MUT **UB545** VESAR **UB15** ALSUS OLBA

1258.50 nm / 2330.74 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
UMMS	-	53.88760	0 ft	-	Minsk National
APT	-	28.04120	0 m		
BABUN	-	52.18140	35,000 ft	105	-
FIX	-	28.78140	10,668 m		
ABROK	M854	51.59310	35,000 ft	36	-
FIX	AWY-HI	29.03170	10,668 m		
GOLKU	M854	50.58390	35,000 ft	62	-
FIX	AWY-HI	29.41470	10,668 m		
SLV	M854	50.18680	35,000 ft	24	SOLOVIIVKA
VOR	AWY-HI	29.57010	10,668 m		
VESEL	M854	49.65000	35,000 ft	32	-
FIX	AWY-HI	29.69530	10,668 m		
GOROS	M854	49.45670	35,000 ft	11	-
FIX	AWY-HI	29.75830	10,668 m		
LIDNO	M854	48.72690	35,000 ft	44	-
FIX	AWY-HI	29.94690	10,668 m		
LAMEX	M854	48.16500	35,000 ft	34	-
FIX	AWY-HI	30.08830	10,668 m		
ODSAN	M854	47.15780	35,000 ft	62	-
FIX	AWY-HI	30.43110	10,668 m		
ODS	M854	46.43030	35,000 ft	44	ODESA
VOR	AWY-HI	30.67080	10,668 m		
PERED	M856	45.92780	35,000 ft	31	-
FIX	AWY-HI	30.86310	10,668 m		
ULGEK	M856	45.72970	35,000 ft	12	-
FIX	AWY-HI	30.93720	10,668 m		
DIGAM	M856	45.25830	35,000 ft	29	-
FIX	AWY-HI	31.11170	10,668 m		
LAROM	M856	44.31000	35,000 ft	58	-
FIX	AWY-HI	31.44330	10,668 m		
ROMOK	M856	43.47330	35,000 ft	51	-
FIX	AWY-HI	31.72830	10,668 m		
RAKUR	M856	42.79890	35,000 ft	41	-
FIX	AWY-HI	31.94780	10,668 m		
HAKAN	UM856	41.72330	35,000 ft	66	-
FIX	AWY-HI	32.29830	10,668 m		
BAG	UM856	40.06990	35,000 ft	101	BAGLUM (ANKARA)
VOR	AWY-HI	32.81040	10,668 m		
TELVO	UA28	39.37110	35,000 ft	42	-
FIX	AWY-HI	32.92170	10,668 m		
ERKUK	UA28	39.21520	35,000 ft	9	-
FIX	AWY-HI	32.94300	10,668 m		
OBRUK	UA28	38.02390	35,000 ft	72	-
FIX	AWY-HI	33.11890	10,668 m		
MUT	UA28	36.86300	35,000 ft	70	MUT
VOR	AWY-HI	33.29180	10,668 m		
EVKIT	UB545	36.26110	35,000 ft	42	-
FIX	AWY-HI	33.75440	10,668 m		
VESAR	UB545	35.91560	31,100 ft	24	-
FIX	AWY-HI	34.01610	9,479 m		
BAPAX	UB15	35.70170	27,900 ft	14	-
FIX	AWY-HI	34.17420	8,504 m		
ALSUS	UB15	35.03500	17,900 ft	46	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	34.65670	5,456 m		
OLBA	-	33.82050	0 ft	83	Rafic Hariri International
APT	-	35.48760	0 m		

UMMS

Region: BELARUS AND RUSSIA (KALININGRAD OBLAST) Elevation: 681 ft / 208 m
Timezone: EUROPE/MINSK Location: 53.887600 28.041200
Runways: 2 Magnetic Var: 8.839 E

METAR

UMMS 030330Z 05003MPS 020V080 CAVOK 07/02 Q1017 NOSIG

TAF

TAF UMMS 022300Z 0300/0324 VRB02MPS CAVOK BECMG 0304/0305 04005G10MPS BECMG 0315/0316 VRB02MPS

Frequencies

REC - 128.85 MHz - MINSK 2 ATIS	REC - 135.85 MHz - MINSK 2 ATIS
GND - 121.57 MHz - MINSK GROUND	GND - 129.95 MHz - MINSK GROUND
TWR - 118.30 MHz - MINSK TOWER	TWR - 130.40 MHz - MINSK TOWER
APP - 125.90 MHz - MINSK APPROACH	APP - 125.25 MHz - MINSK RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13L	197 ft	12,119 ft	138.84	CONCRETE	0 ft	0 ft
	60 m	3,694 m	130.00		0 m	0 m
31R	197 ft	12,119 ft	318.87	CONCRETE	0 ft	0 ft
	60 m	3,694 m	310.03		0 m	0 m
13R	197 ft	11,934 ft	138.79	CONCRETE	0 ft	0 ft
	60 m	3,637 m	129.96		0 m	0 m
31L	197 ft	11,934 ft	318.82	CONCRETE	0 ft	0 ft
	60 m	3,637 m	309.99		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	LOC-ILS	IMDL	110.70 MHz	18 nm	138.86	-	681 ft
				33 km	130.02		681 m
13R	LOC-ILS	IVX	108.90 MHz	18 nm	138.82	-	681 ft
				33 km	129.98		681 m
31L	LOC-ILS	IGH	109.70 MHz	18 nm	318.82	-	681 ft
				33 km	309.98		681 m
31R	LOC-ILS	IMN	110.10 MHz	18 nm	318.86	-	681 ft
				33 km	310.02		681 m
13L	GS	IMDL	110.70 MHz	10 nm	138.86	3.00	681 ft
				19 km	130.02		681 m
13R	GS	IVX	108.90 MHz	10 nm	138.82	3.00	681 ft
				19 km	129.98		681 m
31L	GS	IGH	109.70 MHz	10 nm	318.82	3.00	681 ft
				19 km	309.98		681 m
31R	GS	IMN	110.10 MHz	10 nm	318.86	3.00	681 ft
				19 km	310.02		681 m

OLBA

Region: LEBANON
Timezone: UNKNOWN
Runways: 3

Elevation: 84 ft / 26 m
Location: 33.820500 35.487600
Magnetic Var: 5.441 E

METAR

OLBA 030300Z 17011KT 7000 FEW030 21/13 Q1009 NOSIG

TAF

UNKNOWN

Frequencies

REC - 120.60 MHz - ATIS
GND - 121.90 MHz - BEIRUT HARIRI GROUND
APP - 120.30 MHz - BEIRUT APPROACH
TWR - 118.90 MHz - BEIRUT HARIRI TOWER
APP - 119.30 MHz - BEIRUT APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	148 ft	12,484 ft	32.77	CONCRETE	1,821 ft	390 ft
	45 m	3,805 m	27.33		555 m	119 m
21	148 ft	12,484 ft	212.78	CONCRETE	3,268 ft	390 ft
	45 m	3,805 m	207.34		996 m	119 m
16	148 ft	11,168 ft	166.99	CONCRETE	591 ft	394 ft
	45 m	3,404 m	161.55		180 m	120 m
34	148 ft	11,168 ft	346.99	CONCRETE	0 ft	341 ft
	45 m	3,404 m	341.55		0 m	104 m
17	148 ft	10,623 ft	176.90	ASPHALT	0 ft	154 ft
	45 m	3,238 m	171.46		0 m	47 m
35	148 ft	10,623 ft	356.90	ASPHALT	2,697 ft	0 ft
	45 m	3,238 m	351.46		822 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	DME	IKK	110.70 MHz	18 nm	-	-	43 ft
				33 km	-		43 m
16	DME	IBB	110.10 MHz	18 nm	-	-	10 ft
				33 km	-		10 m
03	LOC-ILS	IKK	110.70 MHz	18 nm	32.78	-	84 ft
				33 km	27.34		84 m
16	LOC-ILS	IBB	110.10 MHz	18 nm	166.99	-	84 ft
				33 km	161.55		84 m
17	LOC-ILS	BIL	109.50 MHz	18 nm	176.90	-	84 ft
				33 km	171.46		84 m
03	GS	IKK	110.70 MHz	10 nm	32.78	3.00	84 ft
				19 km	27.34		84 m
16	GS	IBB	110.10 MHz	10 nm	166.99	3.00	84 ft
				19 km	161.55		84 m
17	GS	BIL	109.50 MHz	10 nm	176.90	3.00	84 ft
				19 km	171.46		84 m