

EBBR

Brussels Airport

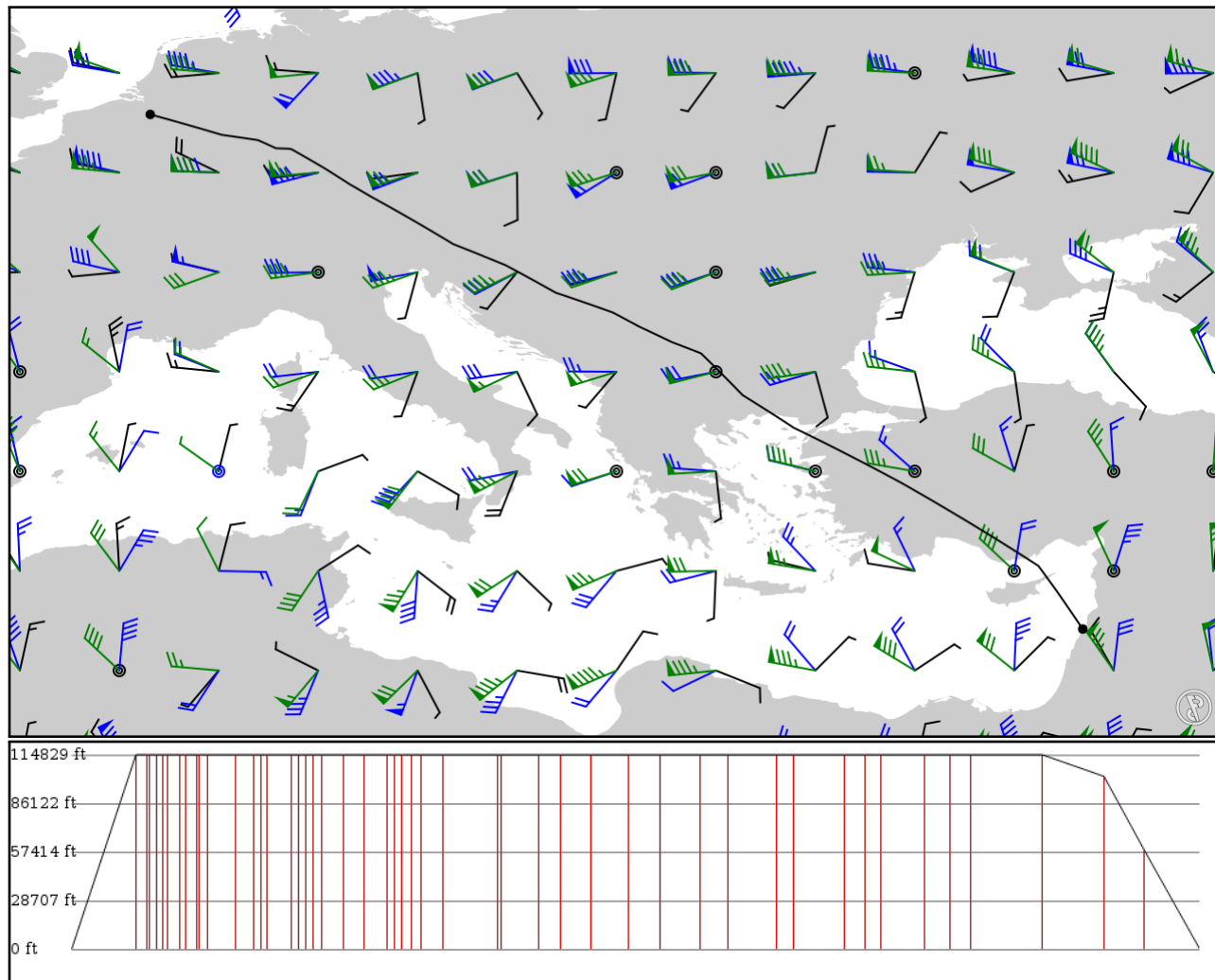
OLBA

Beyrouth Rafic Hariri Intl

2024/05/20 2000Z

EBBR ULMEN **L607** RUDUS **Z738** NISTE **G103** AKONI **Z74** HAREM **T104** WLD **Q700** MUN **L603** DER **UL603** LOKSI **L603**
VAL **N131** NISVA **UN131** BANSO **N131** BELGI **UT38** VESAR **B15** ALSUS OLBA

1718.06 nm / 3181.85 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
EBBR	-	50.89995	0 ft	-	Brussels Airport
APT	-	4.49281	0 m	-	
ULMEN	-	50.22167	35,000 ft	99	-
FIX	-	6.87528	10,668 m	-	-
NANOK	L607	50.16333	35,000 ft	16	-
FIX	AWY-LO	7.28889	10,668 m	-	-
PINEM	L607	50.14833	35,000 ft	4	-
FIX	AWY-LO	7.39361	10,668 m	-	-
LAGES	L607	50.11083	35,000 ft	10	-
FIX	AWY-LO	7.65139	10,668 m	-	-
UBIDU	L607	50.07333	35,000 ft	10	-
FIX	AWY-LO	7.90639	10,668 m	-	-
RUDUS	L607	50.04750	35,000 ft	6	-
FIX	AWY-LO	8.07833	10,668 m	-	-
NOKDI	Z738	49.86639	35,000 ft	18	-
FIX	AWY-LO	8.47917	10,668 m	-	-
NISTE	Z738	49.77717	35,000 ft	9	-
FIX	AWY-LO	8.67450	10,668 m	-	-
KNG	G103	49.76222	35,000 ft	16	KONIG NDB
NDB	AWY-LO	9.09167	10,668 m	-	
AKONI	G103	49.74679	35,000 ft	3	-
FIX	AWY-LO	9.18754	10,668 m	-	-
HAREM	Z74	49.61833	35,000 ft	11	-
FIX	AWY-LO	9.41444	10,668 m	-	-
DKB	T104	49.14275	35,000 ft	43	DINKELSBUHL VORTAC
VOR	AWY-LO	10.23831	10,668 m	-	
XERUM	T104	48.81111	35,000 ft	28	-
FIX	AWY-LO	10.76778	10,668 m	-	-
BURAM	T104	48.69556	35,000 ft	9	-
FIX	AWY-LO	10.94889	10,668 m	-	-
WLD	T104	48.57942	35,000 ft	9	WALDA VOR-DME
VOR	AWY-LO	11.12939	10,668 m	-	
MUN	Q700	48.18033	35,000 ft	36	MUNCHEN VOR-DME
VOR	AWY-LO	11.81602	10,668 m	-	
LAKOL	L603	48.07111	35,000 ft	10	-
FIX	AWY-LO	12.01472	10,668 m	-	-
ROTIN	L603	47.94278	35,000 ft	12	-
FIX	AWY-LO	12.24639	10,668 m	-	-
CHIEM	L603	47.82528	35,000 ft	10	-
FIX	AWY-LO	12.45583	10,668 m	-	-
UNKEN	L603	47.69014	35,000 ft	12	-
FIX	AWY-LO	12.69687	10,668 m	-	-
OBEDI	L603	47.32790	35,000 ft	33	-
FIX	AWY-LO	13.32975	10,668 m	-	-
ELKAT	L603	46.99100	35,000 ft	31	-
FIX	AWY-LO	13.90551	10,668 m	-	-
KFT	L603	46.59758	35,000 ft	35	KLAGENFURT VOR-DME
VOR	AWY-LO	14.56232	10,668 m	-	
KLAGY	L603	46.51430	35,000 ft	10	-
FIX	AWY-LO	14.77517	10,668 m	-	-
ARLON	L603	46.41382	35,000 ft	12	-
FIX	AWY-LO	15.02976	10,668 m	-	-
VALLU	L603	46.29159	35,000 ft	14	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	15.33632	10,668 m		
PODET	L603	46.17138	35,000 ft	14	-
FIX	AWY-LO	15.62680	10,668 m		
ZAG	L603	45.89556	35,000 ft	32	ZAGREB VOR-DME
VOR	AWY-LO	16.30670	10,668 m		
GUBOK	L603	45.04472	35,000 ft	83	-
FIX	AWY-LO	17.86167	10,668 m		
DER	L603	44.98413	35,000 ft	5	DERVENTA VOR-DME
VOR	AWY-LO	17.96946	10,668 m		
LOKSI	UL603	44.57167	35,000 ft	57	-
FIX	AWY-HI	19.18000	10,668 m		
VAL	L603	44.32389	35,000 ft	33	VALJEVO VOR-DME
VOR	AWY-LO	19.87469	10,668 m		
GONAR	N131	43.85467	35,000 ft	47	-
FIX	AWY-LO	20.75311	10,668 m		
NIS	N131	43.34647	35,000 ft	55	NIS VOR-DME
VOR	AWY-LO	21.82706	10,668 m		
NISVA	N131	42.97278	35,000 ft	48	-
FIX	AWY-LO	22.79750	10,668 m		
BANSO	UN131	42.16194	35,000 ft	60	-
FIX	AWY-HI	23.61556	10,668 m		
RODOP	N131	41.58333	35,000 ft	43	-
FIX	AWY-LO	24.18333	10,668 m		
IDILO	N131	40.79056	35,000 ft	74	-
FIX	AWY-LO	25.43944	10,668 m		
BELGI	N131	40.50000	35,000 ft	26	-
FIX	AWY-LO	25.88333	10,668 m		
KONEN	UT38	39.81167	35,000 ft	76	-
FIX	AWY-HI	27.27722	10,668 m		
ATKAN	UT38	39.52000	35,000 ft	31	-
FIX	AWY-HI	27.84944	10,668 m		
KUDAK	UT38	39.29889	35,000 ft	23	-
FIX	AWY-HI	28.27667	10,668 m		
TUMER	UT38	38.66556	35,000 ft	67	-
FIX	AWY-HI	29.47028	10,668 m		
RESLI	UT38	38.29444	35,000 ft	37	-
FIX	AWY-HI	30.11972	10,668 m		
LEMDA	UT38	37.98222	35,000 ft	31	-
FIX	AWY-HI	30.65694	10,668 m		
KETEK	UT38	36.88778	35,000 ft	108	-
FIX	AWY-HI	32.47833	10,668 m		
VESAR	UT38	35.91556	31,100 ft	94	-
FIX	AWY-HI	34.01611	9,479 m		
ALSUS	B15	35.03500	17,900 ft	61	-
FIX	AWY-LO	34.65667	5,456 m		
OLBA	-	33.82053	0 ft	83	Beyrouth Rafic Hariri Intl
APT	-	35.48779	0 m		

EBBR

Region: BELGIUM
Timezone: EUROPE/BRUSSELS
Runways: 3

Elevation: 184 ft / 56 m
Location: 50.899900 4.492770
Magnetic Var: 2.006 E

METAR

EBBR 201920Z 36006KT 9999 FEW045 17/13 Q1010 NOSIG

TAF

TAF TAF EBBR 201720Z 2018/2124 02005KT 9999 SCT030 PROB40 TEMPO 2102/2107 3500 BR PROB30 TEMPO 2115/2118 4500 SHRA

Frequencies

REC - 121.75 MHz - ATIS DEP	REC - 132.47 MHz - ATIS ARR
COM - 130.55 MHz - ABELAG UNICOM	CLD - 121.95 MHz - CLNC DEL
GND - 118.05 MHz -	GND - 121.70 MHz -
GND - 121.87 MHz -	TWR - 118.60 MHz -
TWR - 120.77 MHz -	APP - 118.25 MHz -
APP - 120.10 MHz -	APP - 122.50 MHz -
DEP - 126.62 MHz -	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	11,917 ft	65.37	ASPHALT	843 ft	72 ft
	45 m	3,632 m	63.37		257 m	22 m
25R	148 ft	11,917 ft	245.41	ASPHALT	981 ft	0 ft
	45 m	3,632 m	243.40		299 m	0 m
07R	148 ft	10,522 ft	69.88	ASPHALT	407 ft	0 ft
	45 m	3,207 m	67.87		124 m	0 m
25L	148 ft	10,522 ft	249.91	ASPHALT	0 ft	13 ft
	45 m	3,207 m	247.90		0 m	4 m
01	164 ft	9,810 ft	14.44	ASPHALT	157 ft	0 ft
	50 m	2,990 m	12.44		48 m	0 m
19	164 ft	9,810 ft	194.45	ASPHALT	722 ft	43 ft
	50 m	2,990 m	192.44		220 m	13 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	DME	IBX	109.90 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
19	DME	IBM	111.15 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
25R	DME	IBR	108.90 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
01	LOC-ILS	IBX	109.90 MHz	18 nm	14.45	-	184 ft
				33 km	12.44		184 m
19	LOC-ILS	IBM	111.15 MHz	18 nm	194.45	-	184 ft
				33 km	192.44		184 m
25L	LOC-ILS	IBL	110.35 MHz	18 nm	249.89	-	184 ft
				33 km	247.88		184 m
25R	LOC-ILS	IBR	108.90 MHz	18 nm	245.39	-	184 ft
				33 km	243.38		184 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	GS	IBX	109.90 MHz	10 nm	14.45	3.00	184 ft
				19 km	12.44		184 m
19	GS	IBM	111.15 MHz	10 nm	194.45	3.00	184 ft
				19 km	192.44		184 m
25L	GS	IBL	110.35 MHz	10 nm	249.89	3.00	184 ft
				19 km	247.88		184 m
25R	GS	IBR	108.90 MHz	10 nm	245.39	3.00	184 ft
				19 km	243.38		184 m

OLBA

Region: LEBANON
Timezone: UNKNOWN
Runways: 3

Elevation: 84 ft / 26 m
Location: 33.820500 35.487600
Magnetic Var: 5.445 E

METAR

OLBA 201900Z 21005KT CAVOK 25/15 Q1010 NOSIG

TAF

TAF OLBA 201000Z 2012/2118 24010KT 6000 NSC BECMG 2018/2020 16005KT SCT026 TEMPO 2018/2118 4000 BR BECMG 2106/2108

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	27.32		555 m	119 m
21	148 ft	12,484 ft	212.78	CONCRETE	3,268 ft	390 ft
	45 m	3,805 m	207.33		996 m	119 m
16	148 ft	11,168 ft	166.99	CONCRETE	591 ft	394 ft
	45 m	3,404 m	161.54		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