

EBBR

Brussels

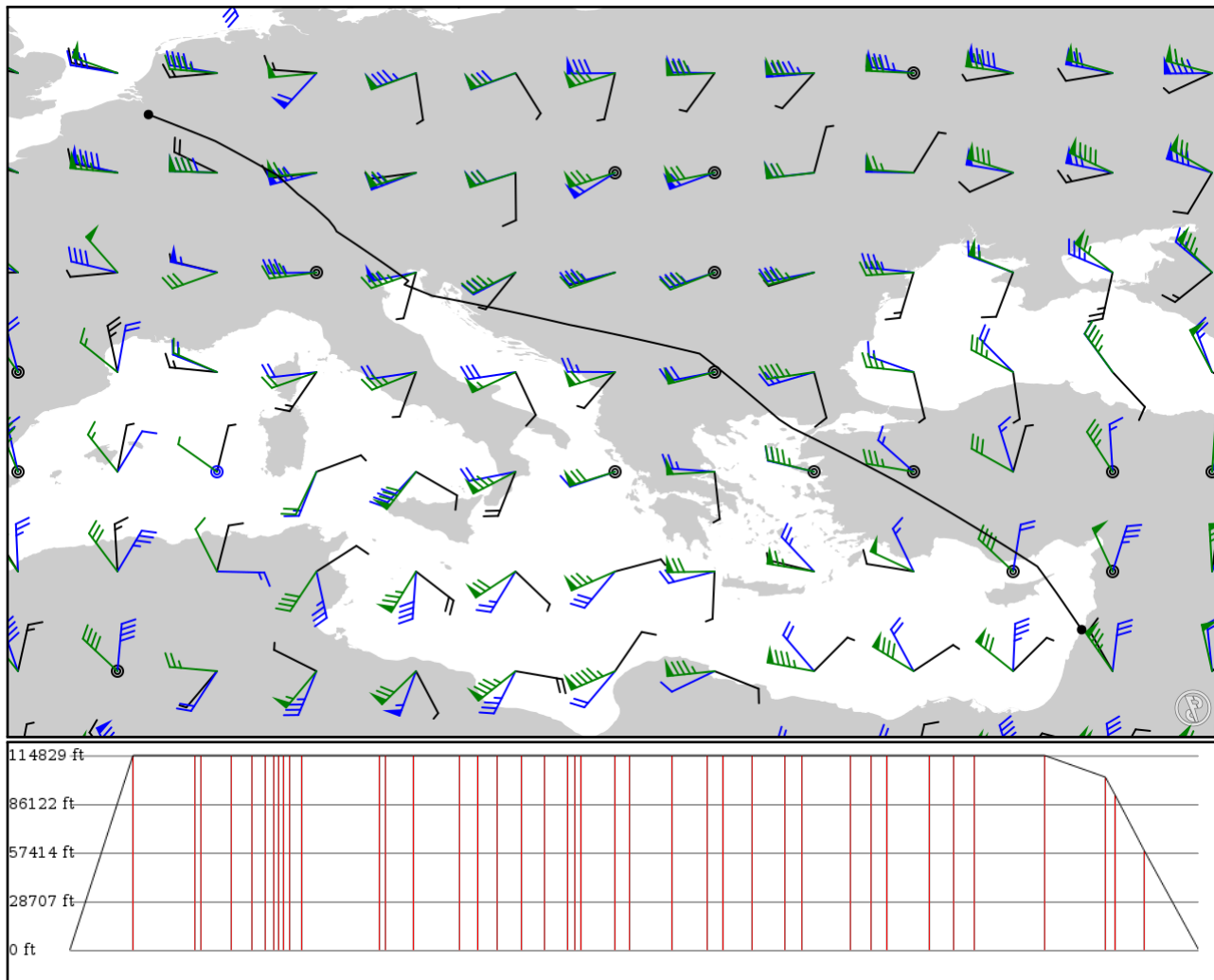
OLBA

Rafic Hariri International

2024/05/17 2223Z

EBBR NOSPA **UZ210** KRH **UM150** UTABA **UL607** ELMEM **UN606** OTRES **UT307** DIRAB **T307** BABAG ROTAR **P11** PUL
L614 NISVA **N131** RODIP **UN131** BELGI **UT38** VESAR **UB15** ALSUS OLBA

1758.09 nm / 3255.98 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	-	50.89990	0 ft	-	Brussels
APT	-	4.49277	0 m		
NOSPA	-	50.02060	35,000 ft	99	-
FIX	-	6.71139	10,668 m		
KRHH	UZ210	48.99290	35,000 ft	95	KARLSRUHE
VOR	AWY-HI	8.58424	10,668 m		
LAMGO	UM150	48.88580	35,000 ft	10	-
FIX	AWY-HI	8.77917	10,668 m		
UTABA	UM150	48.25500	35,000 ft	46	-
FIX	AWY-HI	9.46167	10,668 m		
MOMUK	UL607	47.83860	35,000 ft	32	-
FIX	AWY-HI	9.99694	10,668 m		
BEMKI	UL607	47.55940	35,000 ft	20	-
FIX	AWY-HI	10.30560	10,668 m		
XEBIX	UL607	47.40000	35,000 ft	11	-
FIX	AWY-HI	10.47990	10,668 m		
ELMEM	UL607	47.28560	35,000 ft	7	-
FIX	AWY-HI	10.57070	10,668 m		
BILDU	UN606	47.17040	35,000 ft	7	-
FIX	AWY-HI	10.66180	10,668 m		
OTRES	UN606	47.02350	35,000 ft	9	-
FIX	AWY-HI	10.74240	10,668 m		
DIRAB	UT307	46.81370	35,000 ft	18	-
FIX	AWY-HI	11.06230	10,668 m		
BABAG	T307	45.38690	35,000 ft	121	-
FIX	AWY-HI	13.12690	10,668 m		
ROTAR	-	45.26280	35,000 ft	9	-
FIX	-	12.99560	10,668 m		
PUL	P11	44.89240	35,000 ft	45	PULA
VOR	AWY-LO	13.91810	10,668 m		
PALEZ	L614	44.57500	35,000 ft	71	-
FIX	AWY-LO	15.53310	10,668 m		
SONIK	L614	44.44830	35,000 ft	27	-
FIX	AWY-LO	16.14330	10,668 m		
ELTIB	L614	44.30360	35,000 ft	30	-
FIX	AWY-LO	16.81640	10,668 m		
SOLGU	L614	44.11580	35,000 ft	38	-
FIX	AWY-LO	17.66140	10,668 m		
KEB	L614	43.93390	35,000 ft	35	SARAJEVO
VOR	AWY-LO	18.44980	10,668 m		
MITNO	L614	43.77330	35,000 ft	35	-
FIX	AWY-LO	19.24170	10,668 m		
PESAK	L614	43.71860	35,000 ft	11	-
FIX	AWY-LO	19.50420	10,668 m		
TORTO	L614	43.67090	35,000 ft	10	-
FIX	AWY-LO	19.73130	10,668 m		
RAMAP	L614	43.41840	35,000 ft	52	-
FIX	AWY-LO	20.89110	10,668 m		
GINAM	L614	43.30860	35,000 ft	22	-
FIX	AWY-LO	21.37640	10,668 m		
NISVA	L614	42.97280	35,000 ft	65	-
FIX	AWY-LO	22.79750	10,668 m		
USALI	N131	42.30190	35,000 ft	55	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	23.64560	10,668 m		
OTKOK	N131	41.99940	35,000 ft	24	-
FIX	AWY-HI	24.01250	10,668 m		
RODIP	N131	41.42080	35,000 ft	46	-
FIX	AWY-HI	24.70110	10,668 m		
IDILO	UN131	40.79060	35,000 ft	50	-
FIX	AWY-HI	25.43940	10,668 m		
BELGI	UN131	40.50000	35,000 ft	26	-
FIX	AWY-HI	25.88330	10,668 m		
KONEN	UT38	39.81170	35,000 ft	76	-
FIX	AWY-HI	27.27720	10,668 m		
ATKAN	UT38	39.52000	35,000 ft	31	-
FIX	AWY-HI	27.84940	10,668 m		
KUDAK	UT38	39.29890	35,000 ft	23	-
FIX	AWY-HI	28.27670	10,668 m		
TUMER	UT38	38.66560	35,000 ft	67	-
FIX	AWY-HI	29.47030	10,668 m		
RESLI	UT38	38.29440	35,000 ft	37	-
FIX	AWY-HI	30.11970	10,668 m		
LEMDA	UT38	37.98220	35,000 ft	31	-
FIX	AWY-HI	30.65690	10,668 m		
KETEK	UT38	36.88780	35,000 ft	108	-
FIX	AWY-HI	32.47830	10,668 m		
VESAR	UT38	35.91560	31,100 ft	94	-
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	-
FIX	AWY-HI	34.65670	5,456 m		
OLBA	-	33.82050	0 ft	83	Rafic Hariri International
APT	-	35.48760	0 m		

EBBR

Region: BELGIUM
Timezone: EUROPE/BRUSSELS
Runways: 3

Elevation: 184 ft / 56 m
Location: 50.899900 4.492770
Magnetic Var: 2.005 E

METAR

EBBR 172150Z 30008KT 4000 RA SCT005 BKN006 13/12 Q1010 TEMPO BKN003

TAF

TAF TAF EBBR 171705Z 1718/1824 31009KT 9999 SCT014 BKN025 TEMPO 1718/1720 3500 RA SHRA BKN008 BECMG 1718/1720 3500

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	243.41		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	12.45		184 m
19	LOC-ILS	IBM	111.15 MHz	18 nm	194.45	-	184 ft
				33 km	192.45		184 m
25L	LOC-ILS	IBL	110.35 MHz	18 nm	249.89	-	184 ft
				33 km	247.89		184 m
25R	LOC-ILS	IBR	108.90 MHz	18 nm	245.39	-	184 ft
				33 km	243.39		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	12.45		184 m
19	GS	IBM	111.15 MHz	10 nm	194.45	3.00	184 ft
				19 km	192.45		184 m
25L	GS	IBL	110.35 MHz	10 nm	249.89	3.00	184 ft
				19 km	247.89		184 m
25R	GS	IBR	108.90 MHz	10 nm	245.39	3.00	184 ft
				19 km	243.39		184 m

OLBA

Region: LEBANON
Timezone: UNKNOWN
Runways: 3

Elevation: 84 ft / 26 m
Location: 33.820500 35.487600
Magnetic Var: 5.444 E

METAR

OLBA 172200Z VRB02KT 8000 NSC 21/14 Q1018 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	27.32		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