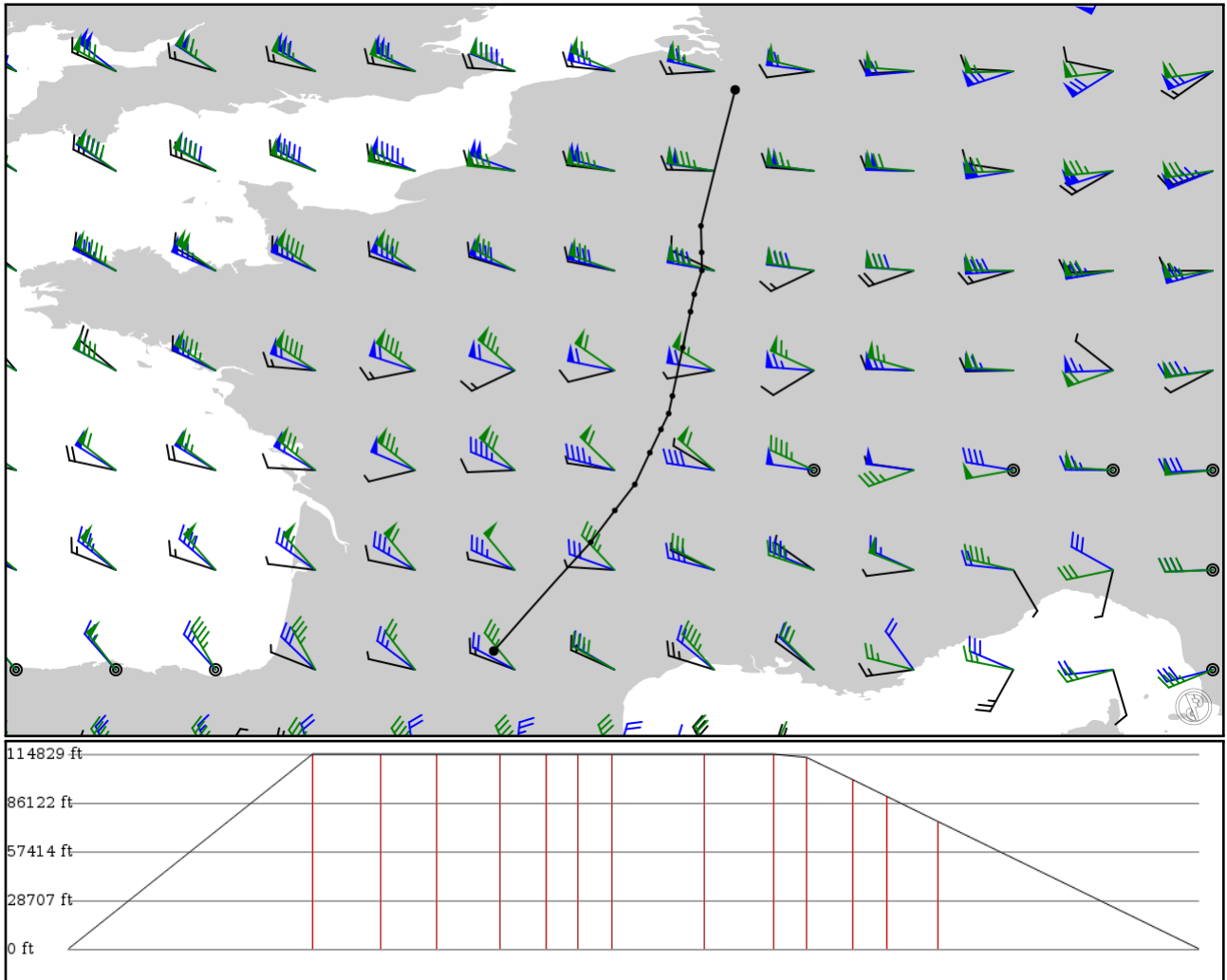


2024/05/29 0510Z

LFBO XUPAL **V12** CFA **A27** MOU **B373** TRO **G40** VATRI **B3** DIKOL EBBR

464.16 nm / 859.63 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
LFBO	-	43.62900	0 ft	-	Toulouse Blagnac
APT	-	1.36397	0 m		
XUPAL	-	45.04060	35,000 ft	100	-
FIX	-	2.62278	10,668 m		
SOMTI	V12	45.45020	35,000 ft	27	-
FIX	AWY-LO	2.93292	10,668 m		
CFA	V12	45.78750	35,000 ft	22	CLERMONT FERRAND AUVERGNE
VOR	AWY-LO	3.19219	10,668 m		
PESAN	A27	46.19920	35,000 ft	26	-
FIX	AWY-LO	3.38722	10,668 m		
BAKNO	A27	46.50000	35,000 ft	19	-
FIX	AWY-LO	3.53139	10,668 m		
MOU	A27	46.70680	35,000 ft	13	MOULINS
VOR	AWY-LO	3.63167	10,668 m		
NEPAP	B373	46.93390	35,000 ft	13	-
FIX	AWY-LO	3.67944	10,668 m		
AVLON	B373	47.56000	35,000 ft	37	-
FIX	AWY-LO	3.81333	10,668 m		
LUREN	B373	48.02580	35,000 ft	28	-
FIX	AWY-LO	3.91389	10,668 m		
TRO	B373	48.25120	34,400 ft	13	TROYES BARBEREY
VOR	AWY-LO	3.96314	10,485 m		
ARSIL	G40	48.56000	30,400 ft	18	-
FIX	AWY-LO	4.06167	9,266 m		
VATRI	G40	48.79330	27,400 ft	14	-
FIX	AWY-LO	4.05833	8,352 m		
DIKOL	B3	49.13750	22,900 ft	20	-
FIX	AWY-LO	4.04917	6,980 m		
EBBR	-	50.89990	0 ft	107	Brussels
APT	-	4.49277	0 m		

## LFBO

Region: FRANCE  
Timezone: EUROPE/PARIS  
Runways: 2

Elevation: 499 ft / 152 m  
Location: 43.629000 1.363970  
Magnetic Var: 1.345 E

## METAR

LFBO 290500Z AUTO 19003KT CAVOK 13/12 Q1019 NOSIG

## TAF

TAF LFBO 282300Z 2900/3006 28004KT CAVOK BECMG 3000/3003 OVC013

## Frequencies

REC - 123.13 MHz - BLAGNAC ATIS	GND - 121.90 MHz - BLAGNAC GROUND
TWR - 118.10 MHz - BLAGNAC TOWER	APP - 121.10 MHz - BLAGNAC APPROACH
APP - 120.35 MHz - TOULOUSE APPROACH	APP - 123.85 MHz - TOULOUSE APPROACH
APP - 125.18 MHz - TOULOUSE APPROACH	APP - 129.30 MHz - TOULOUSE APPROACH
COM - 122.75 MHz - TOULOUSE BLAGNAC UNICOM	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14R	148 ft	11,484 ft	142.99	ASPHALT	0 ft	295 ft
	45 m	3,500 m	141.65		0 m	90 m
32L	148 ft	11,484 ft	323.01	ASPHALT	0 ft	194 ft
	45 m	3,500 m	321.66		0 m	59 m
14L	148 ft	9,923 ft	143.00	ASPHALT	0 ft	30 ft
	45 m	3,025 m	141.66		0 m	9 m
32R	148 ft	9,923 ft	323.02	ASPHALT	0 ft	0 ft
	45 m	3,025 m	321.67		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14L	DME	TG	108.90 MHz	18 nm	-	-	528 ft
				33 km	-		528 m
14R	DME	TBS	110.70 MHz	18 nm	-	-	538 ft
				33 km	-		538 m
32L	DME	TBN	109.30 MHz	18 nm	-	-	535 ft
				33 km	-		535 m
32R	DME	TD	108.35 MHz	18 nm	-	-	554 ft
				33 km	-		554 m
14L	LOC-ILS	TG	108.90 MHz	18 nm	143.02	-	494 ft
				33 km	141.67		494 m
14R	LOC-ILS	TBS	110.70 MHz	18 nm	143.01	-	497 ft
				33 km	141.67		497 m
32L	LOC-ILS	TBN	109.30 MHz	18 nm	322.99	-	487 ft
				33 km	321.64		487 m
32R	LOC-ILS	TD	108.35 MHz	18 nm	322.70	-	486 ft
				33 km	321.35		486 m
14L	GS	TG	108.90 MHz	10 nm	143.02	3.00	494 ft
				19 km	141.67		494 m
14R	GS	TBS	110.70 MHz	10 nm	143.00	3.00	497 ft
				19 km	141.65		497 m
32L	GS	TBN	109.30 MHz	10 nm	323.00	3.00	487 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32R	GS	TD	108.35 MHz	19 km	321.65	3.50	487 m
				10 nm	323.02		486 ft
				19 km	321.67		486 m

## EBBR

Region: BELGIUM  
Timezone: EUROPE/BRUSSELS  
Runways: 3

Elevation: 184 ft / 56 m  
Location: 50.899900 4.492770  
Magnetic Var: 2.009 E

## METAR

EBBR 290450Z 23011KT 9999 -DZ SCT009 BKN011 14/13 Q1011 TEMPO 4000 RA BKN008

## TAF

TAF EBBR 282320Z 2900/3006 21008KT 9000 BKN014 PROB40 TEMPO 2900/2904 3500 RADZ SHRA BKN007TCU BECMG 2903/2905 SC

## Frequencies

REC - 121.75 MHz - ATIS DEP  
COM - 130.55 MHz - ABELAG UNICOM  
GND - 118.05 MHz -  
GND - 121.87 MHz -  
TWR - 120.77 MHz -  
APP - 120.10 MHz -  
DEP - 126.62 MHz -

REC - 132.47 MHz - ATIS ARR  
CLD - 121.95 MHz - CLNC DEL  
GND - 121.70 MHz -  
TWR - 118.60 MHz -  
APP - 118.25 MHz -  
APP - 122.50 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	63.36		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	12.43		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