

LFBO

Toulouse Blagnac

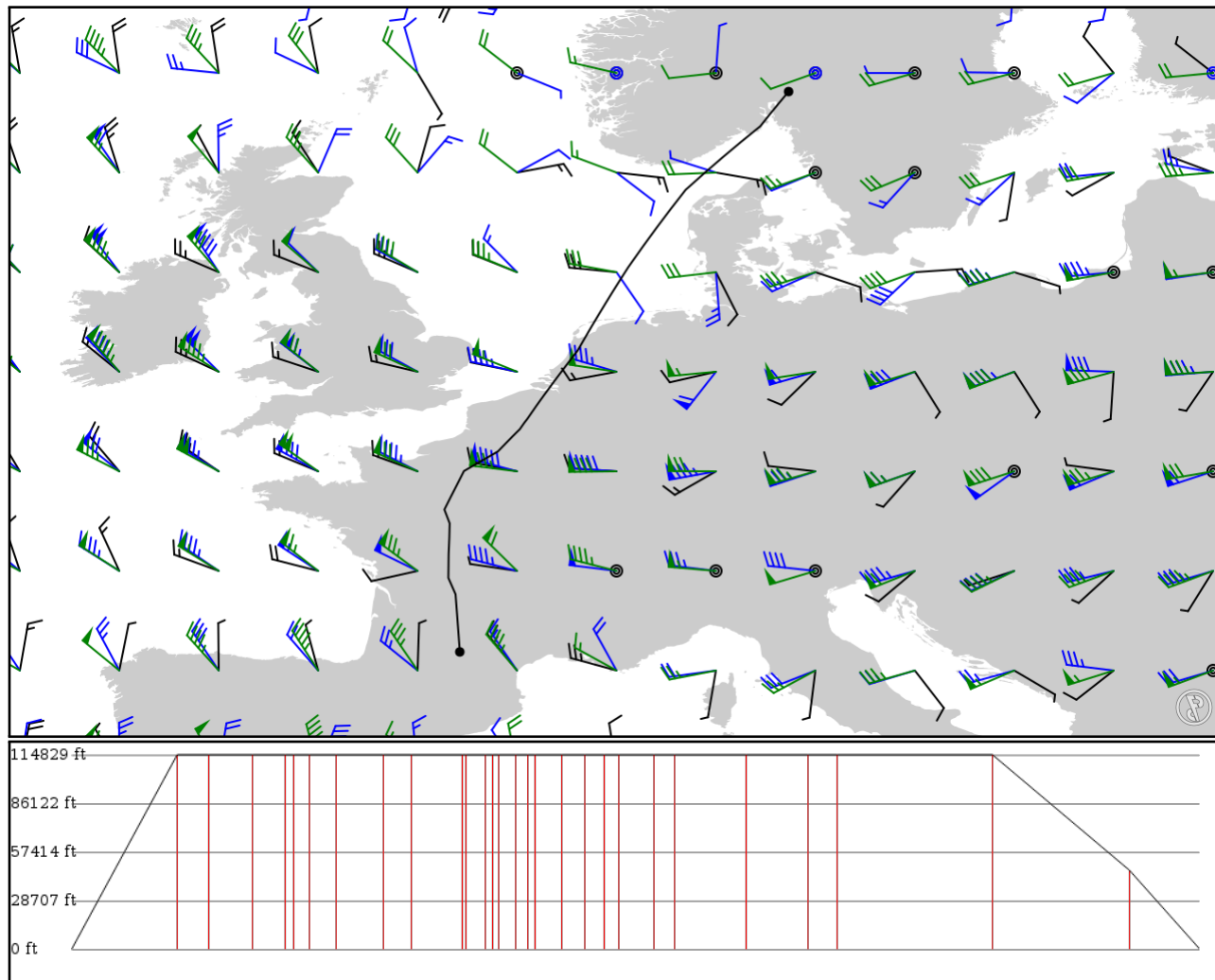
ENGM

Oslo Gardermoen

2024/05/23 1129Z

LFBO MAKOX **G36** LMG **A34** VANAD **UN874** CMB CMB **UN874** VEKIN **UN873** SPY **UZ704** AMADA **Z704** RASVI **Z705** TOR
ENGM

1085.58 nm / 2010.50 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		
MAKOX	-	45.33280	35,000 ft	102	-
FIX	-	1.23806	10,668 m		
LMG	G36	45.81590	35,000 ft	30	LIMOGES
VOR	AWY-LO	1.02558	10,668 m		
BALAN	A34	46.51610	35,000 ft	42	-
FIX	AWY-LO	1.03333	10,668 m		
SOPIL	A34	47.02580	35,000 ft	30	-
FIX	AWY-LO	1.05500	10,668 m		
FIR12	A34	47.16670	35,000 ft	8	-
FIX	AWY-LO	1.05833	10,668 m		
AMB	A34	47.42890	35,000 ft	15	AMBOISE
VOR	AWY-LO	1.06444	10,668 m		
VANAD	A34	47.83720	35,000 ft	25	-
FIX	AWY-LO	0.90722	10,668 m		
VADOM	UN874	48.55060	35,000 ft	45	-
FIX	AWY-HI	1.27083	10,668 m		
BAMES	UN874	48.97530	35,000 ft	26	-
FIX	AWY-HI	1.48611	10,668 m		
KOPOR	UN874	49.51420	35,000 ft	48	-
FIX	AWY-HI	2.42139	10,668 m		
MTD	UN874	49.55260	35,000 ft	3	MONTDIDIER
VOR	AWY-HI	2.48947	10,668 m		
NURMO	UN874	49.82610	35,000 ft	19	-
FIX	AWY-HI	2.75528	10,668 m		
PERON	UN874	49.91250	35,000 ft	6	-
FIX	AWY-HI	2.84000	10,668 m		
SULEX	UN874	50.00000	35,000 ft	6	-
FIX	AWY-HI	2.92556	10,668 m		
CMB	UN874	50.22320	35,000 ft	15	CAMBRAI EPINOY VORTAC
DME	AWY-HI	3.15089	10,668 m		
CMB	-	50.22810	35,000 ft	0	CAMBRAI EPINOY
VOR	-	3.15150	10,668 m		
VEKIN	UN874	50.40420	35,000 ft	11	-
FIX	AWY-HI	3.27500	10,668 m		
ADUTO	UN873	50.51500	35,000 ft	7	-
FIX	AWY-HI	3.36167	10,668 m		
FERDI	UN873	50.91260	35,000 ft	26	-
FIX	AWY-HI	3.63697	10,668 m		
HELEN	UN873	51.23530	35,000 ft	21	-
FIX	AWY-HI	3.86971	10,668 m		
TOLEN	UN873	51.53030	35,000 ft	19	-
FIX	AWY-HI	4.08659	10,668 m		
STD	UN873	51.74130	35,000 ft	13	STAD
NDB	AWY-HI	4.24349	10,668 m		
EKROS	UN873	52.23730	35,000 ft	32	-
FIX	AWY-HI	4.61955	10,668 m		
SPY	UN873	52.54030	35,000 ft	20	SPIJKERBOOR
VOR	AWY-HI	4.85378	10,668 m		
KONOM	UZ704	53.63270	35,000 ft	69	-
FIX	AWY-HI	5.49532	10,668 m		
LIMBI	UZ704	54.55160	35,000 ft	58	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	6.06300	10,668 m		
AMADA	UZ704	55.00000	35,000 ft	28	-
FIX	AWY-HI	6.35000	10,668 m		
RASVI	Z704	57.28960	35,000 ft	148	-
FIX	AWY-HI	8.04948	10,668 m		
TOR	Z705	59.16910	14,200 ft	132	TORP
VOR	AWY-HI	10.25930	4,328 m		
ENGM	-	60.19450	0 ft	66	Oslo Gardermoen
APT	-	11.09890	0 m		

LFBO

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 2

Elevation: 499 ft / 152 m
Location: 43.629000 1.363970
Magnetic Var: 1.343 E

METAR

LFBO 231100Z AUTO 25007KT 200V270 9999 SCT030/// SCT047/// BKN064/// //TCU 17/13 Q1020 NOSIG

TAF

TAF AMD LFBO 230711Z 2307/2412 28010KT 9999 FEW015 SCT035 BKN050 TEMPO 2307/2308 BKN014 TEMPO 2308/2324 SCT030TCU

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	321.67		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	141.68		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	141.68		494 m
14R	GS	TBS	110.70 MHz	10 nm	143.00	3.00	497 ft
				19 km	141.66		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	321.66	3.50	487 m
				10 nm	323.02		486 ft
				19 km	321.68		486 m

ENGM

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 2

Elevation: 681 ft / 208 m
Location: 60.194500 11.098900
Magnetic Var: 4.487 E

METAR

ENGM 231120Z 13013KT 100V160 CAVOK 24/06 Q1018 NOSIG

TAF

TAF ENGM 230500Z 2306/2406 03008KT CAVOK BECMG 2308/2310 12012KT PROB40 TEMPO 2314/2324 TSRA SCT030CB BKN040 BECMG

Frequencies

REC - 126.12 MHz - GARDERMOEN ARRIVAL INFORMATION
CLD - 121.67 MHz - GARDERMOEN DELIVERY WEST
GND - 121.75 MHz - GARDERMOEN GROUND
GND - 121.90 MHz - GARDERMOEN GROUND EAST
TWR - 120.10 MHz - GARDERMOEN TOWER
APP - 120.45 MHz - OSLO APPROACH

REC - 127.15 MHz - GARDERMOEN DEPARTURE INFORMATION
CLD - 121.92 MHz - GARDERMOEN DELIVERY EAST
GND - 121.60 MHz - GARDERMOEN GROUND WEST
TWR - 118.30 MHz - GARDERMOEN TOWER
APP - 118.47 MHz - OSLO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01R	148 ft	9,664 ft	16.01	ASPHALT	0 ft	486 ft
	45 m	2,946 m	11.52		0 m	148 m
19L	148 ft	9,664 ft	196.02	ASPHALT	0 ft	489 ft
	45 m	2,946 m	191.53		0 m	149 m
01L	148 ft	11,797 ft	15.99	ASPHALT	0 ft	423 ft
	45 m	3,596 m	11.51		0 m	129 m
19R	148 ft	11,797 ft	196.01	ASPHALT	0 ft	486 ft
	45 m	3,596 m	191.52		0 m	148 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	OBW	110.30 MHz	18 nm	-	-	709 ft
				33 km	-		709 m
01R	DME	ONE	111.95 MHz	18 nm	-	-	723 ft
				33 km	-		723 m
19L	DME	GME	110.55 MHz	18 nm	-	-	729 ft
				33 km	-		729 m
19R	DME	GSW	111.30 MHz	18 nm	-	-	727 ft
				33 km	-		727 m
01L	LOC-ILS	OBW	110.30 MHz	18 nm	16.00	-	681 ft
				33 km	11.51		681 m
01R	LOC-ILS	ONE	111.95 MHz	18 nm	16.04	-	681 ft
				33 km	11.55		681 m
19L	LOC-ILS	GME	110.55 MHz	18 nm	196.04	-	681 ft
				33 km	191.55		681 m
19R	LOC-ILS	GSW	111.30 MHz	18 nm	196.00	-	681 ft
				33 km	191.51		681 m
01L	GS	OBW	110.30 MHz	10 nm	16.00	3.00	681 ft
				19 km	11.51		681 m
01R	GS	ONE	111.95 MHz	10 nm	16.04	3.00	681 ft
				19 km	11.55		681 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	GS	GME	110.55 MHz	10 nm	196.04	3.00	681 ft
				19 km	191.55		681 m
19R	GS	GSW	111.30 MHz	10 nm	196.00	3.00	681 ft
				19 km	191.51		681 m