LFRS
Nantes_Atlantique

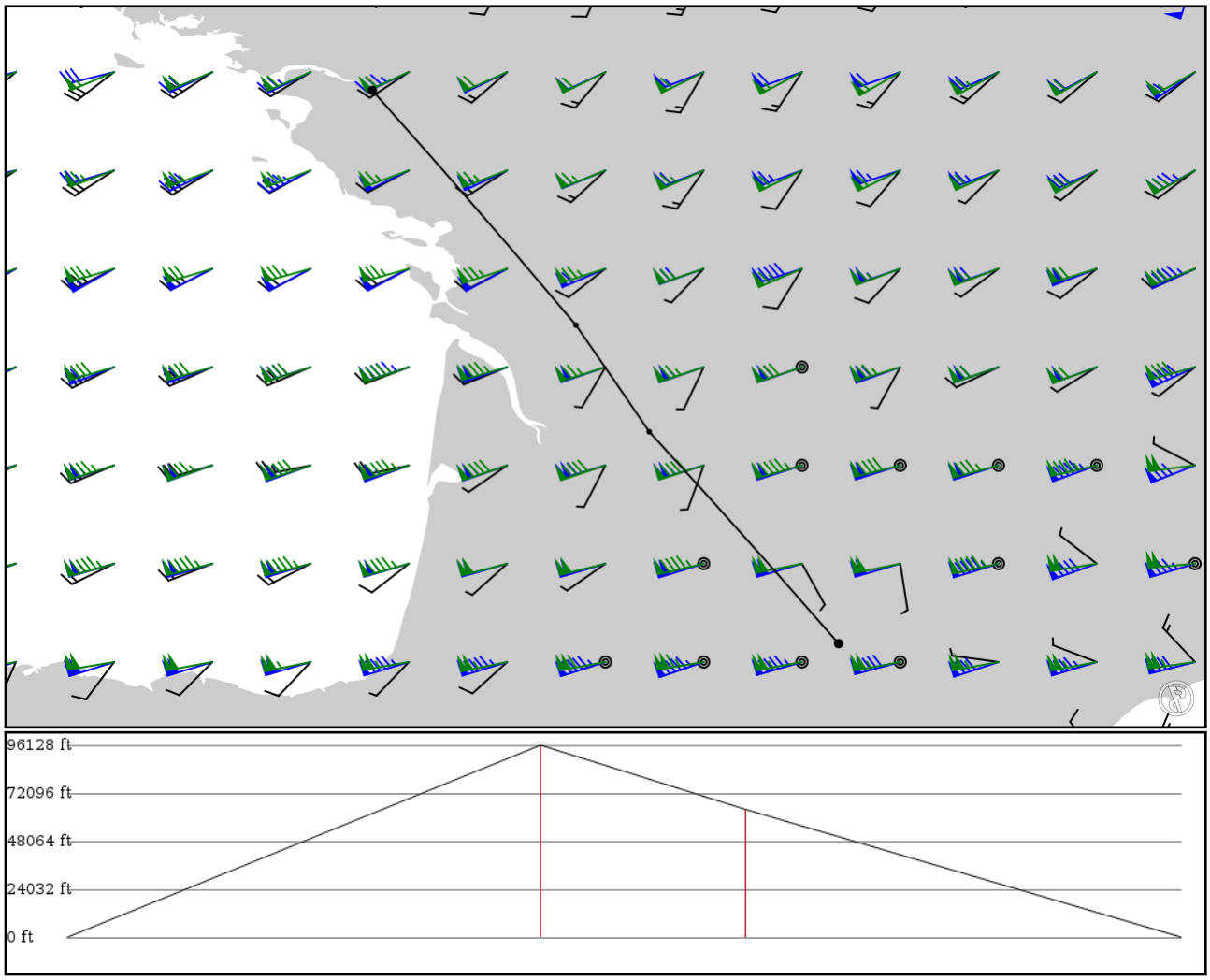
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LFBO
Toulouse Blagnac

2024/03/28 0912Z

LFRS CNA **R17** VELIN LFBO

246.41 nm / 456.36 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: no

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LFRS APT	– –	47.15604 -1.61119	0 ft 0 m	–	Nantes_Atlantique
CNA VOR	– –	45.65956 -0.31164	29,300 ft 8,931 m	104	COGNAC CHATEAUBERNARD VOR-DME
VELIN FIX	R17 AWY-LO	44.98000 0.15556	19,500 ft 5,944 m	45	–
LFBO APT	– –	43.62903 1.36397	0 ft 0 m	96	Toulouse Blagnac

LFRS

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 1

Elevation: 89 ft / 27 m
Location: 47.153200 -1.610720
Magnetic Var: 0.330 E

METAR

LFRS 280900Z AUTO 21015KT 9999 BKN035/// BKN056/// BKN074/// //////TCU 09/05 Q0986 TEMPO VRB15G50KT 2000 TSRAGS B

TAF

TAF LFRS 280500Z 2806/2912 21011KT 9999 FEW024 BKN037 TEMPO 2806/2818 22016G45KT 3500 SHRA BKN020CB PROB40 2806/2

Frequencies

REC - 126.92 MHz - NANTES ATIS
APP - 124.42 MHz - NANTES APPROACH WEST
GND - 121.65 MHz - NANTES GROUND
APP - 124.25 MHz - NANTES APPROACH EAST
TWR - 118.65 MHz - NANTES TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	147 ft 45 m	9,519 ft 2,901 m	27.33 27.00	ASPHALT	0 ft 0 m	0 ft 0 m
21	147 ft 45 m	9,519 ft 2,901 m	207.35 207.02	ASPHALT	696 ft 212 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	DME	NT	109.90 MHz	27 nm 50 km	- -	-	89 ft 89 m
03	LOC-ILS	NT	109.90 MHz	18 nm 33 km	27.35 27.02	-	89 ft 89 m
03	GS	NT	109.90 MHz	10 nm 19 km	27.35 27.02	3.00	89 ft 89 m

LFBO

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 2

Elevation: 499 ft / 152 m
Location: 43.629000 1.363970
Magnetic Var: 1.325 E

METAR

LFBO 280900Z AUTO 14008KT 110V180 9999 FEW008 11/07 Q0999 NOSIG

TAF

TAF LFBO 280500Z 2806/2912 13005KT 9999 FEW024 BKN030 BKN041 BECMG 2806/2808 CAVOK BECMG 2813/2815 14015G25KT BEC

Frequencies

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

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14R	148 ft 45 m	11,484 ft 3,500 m	142.99 141.67	ASPHALT	0 ft 0 m	295 ft 90 m
32L	148 ft 45 m	11,484 ft 3,500 m	323.01 321.68	ASPHALT	0 ft 0 m	194 ft 59 m
14L	148 ft 45 m	9,923 ft 3,025 m	143.00 141.68	ASPHALT	0 ft 0 m	30 ft 9 m
32R	148 ft 45 m	9,923 ft 3,025 m	323.02 321.69	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14L	DME	TG	108.90 MHz	18 nm 33 km	- -	-	528 ft 528 m
14R	DME	TBS	110.70 MHz	18 nm 33 km	- -	-	538 ft 538 m
32L	DME	TBN	109.30 MHz	18 nm 33 km	- -	-	535 ft 535 m
32R	DME	TD	108.35 MHz	18 nm 33 km	- -	-	554 ft 554 m
14L	LOC-ILS	TG	108.90 MHz	18 nm 33 km	143.02 141.69	-	494 ft 494 m
14R	LOC-ILS	TBS	110.70 MHz	18 nm 33 km	143.01 141.69	-	497 ft 497 m
32L	LOC-ILS	TBN	109.30 MHz	18 nm 33 km	322.99 321.66	-	487 ft 487 m
32R	LOC-ILS	TD	108.35 MHz	18 nm 33 km	322.70 321.37	-	486 ft 486 m
14L	GS	TG	108.90 MHz	10 nm 19 km	143.02 141.69	3.00	494 ft 494 m
14R	GS	TBS	110.70 MHz	10 nm 19 km	143.00 141.67	3.00	497 ft 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
				19 km	321.67		487 m
32R	GS	TD	108.35 MHz	10 nm	323.02	3.50	486 ft
				19 km	321.69		486 m