

LFBO

Toulouse Blagnac

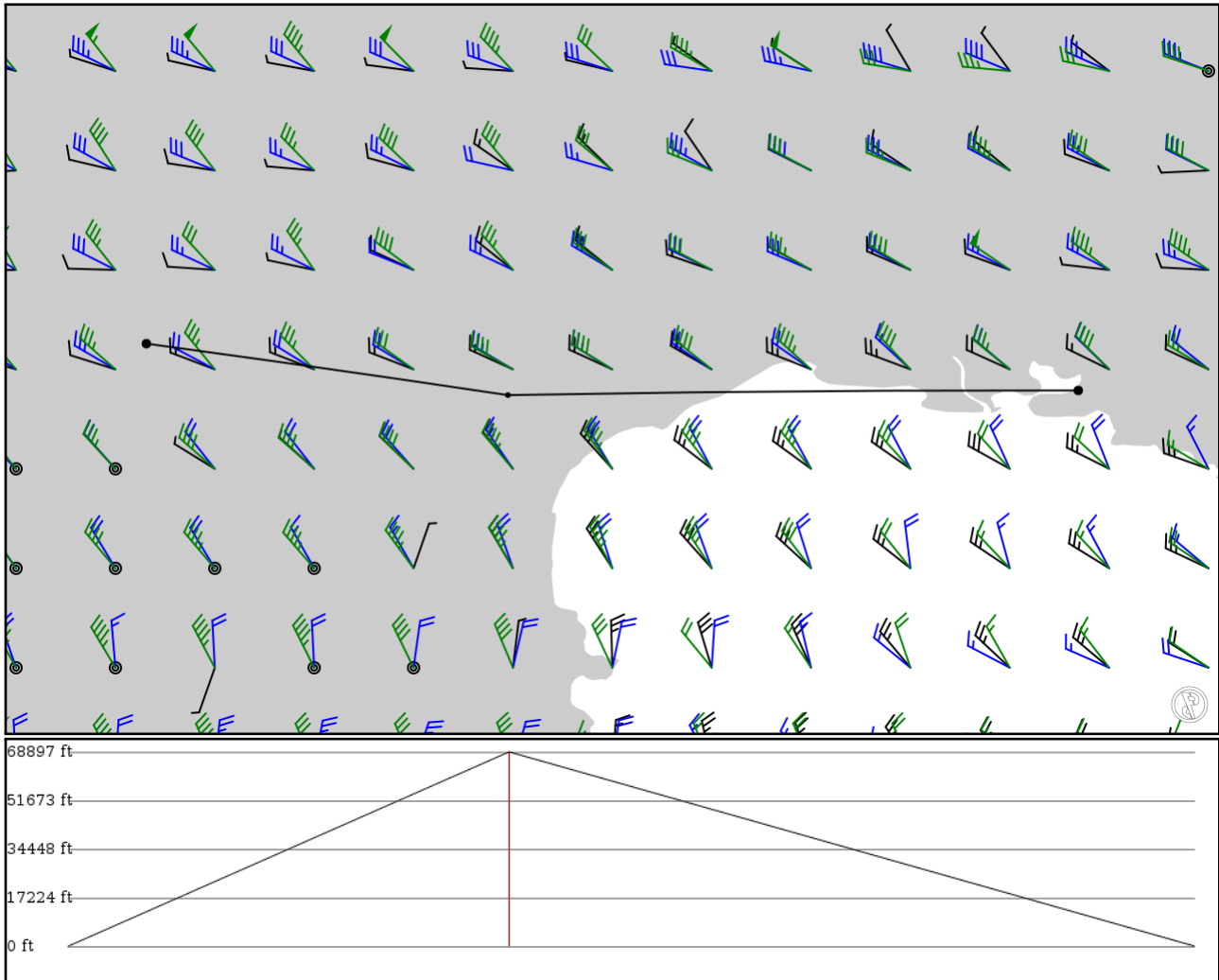
LFML

Marseille Provence

2024/05/13 0907Z

LFBO LAPRO LFML

169.03 nm / 313.05 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 29000ft
- Cruise Speed: 340kts
- 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 | - | 43.62903 | 0 ft | - | Toulouse Blagnac |
| APT | - | 1.36397 | 0 m | | |
| LAPRO | - | 43.41667 | 21,000 ft | 66 | - |
| FIX | - | 2.85750 | 6,401 m | | |
| LFML | - | 43.43589 | 0 ft | 102 | Marseille Provence |
| APT | - | 5.21328 | 0 m | | |

LFBO

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 2

Elevation: 499 ft / 152 m
Location: 43.629000 1.363970
Magnetic Var: 1.340 E

METAR

LFBO 130830Z AUTO 09006KT 050V130 9999 FEW007 20/13 Q1012 NOSIG

TAF

TAF LFBO 130500Z 1306/1412 10005KT 9999 BKN030 BECMG 1306/1308 CAVOK BECMG 1309/1311 13012KT PROB40 TEMPO 1313/13

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 | 321.68 | | 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 | 321.65 | | 487 m |
| 32R | LOC-ILS | TD | 108.35 MHz | 18 nm | 322.70 | - | 486 ft |
| | | | | 33 km | 321.36 | | 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 |

LFML

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 2

Elevation: 69 ft / 21 m
Location: 43.435800 5.213430
Magnetic Var: 2.283 E

METAR

LFML 130830Z AUTO 14006KT 100V170 CAVOK 22/09 Q1015 NOSIG

TAF

TAF TAF LFML 130800Z 1309/1415 VRB02KT CAVOK TX24/1314Z TN16/1404Z TEMPO 1311/1320 18012KT TEMPO 1404/1415 10012KT

Frequencies

| | |
|--------------------------------------|---------------------------------------|
| TWR - 125.35 MHz - PROVENCE ATIS | GND - 121.72 MHz - PROVENCE PREFLIGHT |
| GND - 121.90 MHz - PROVENCE GROUND | TWR - 133.10 MHz - PROVENCE TOWER |
| TWR - 123.72 MHz - PROVENCE TOWER | APP - 120.20 MHz - PROVENCE APPROACH |
| TWR - 120.87 MHz - PROVENCE APPROACH | APP - 121.42 MHz - PROVENCE APPROACH |
| APP - 124.35 MHz - PROVENCE APPROACH | APP - 127.72 MHz - PROVENCE APPROACH |
| TWR - 129.47 MHz - PROVENCE APPROACH | APP - 132.30 MHz - PROVENCE APPROACH |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 13L | 148 ft | 11,485 ft | 134.05 | ASPHALT | 1,122 ft | 295 ft |
| | 45 m | 3,501 m | 131.76 | | 342 m | 90 m |
| 31R | 148 ft | 11,485 ft | 314.07 | ASPHALT | 2,165 ft | 331 ft |
| | 45 m | 3,501 m | 311.79 | | 660 m | 101 m |
| 13R | 148 ft | 7,783 ft | 134.89 | ASPHALT | 0 ft | 197 ft |
| | 45 m | 2,372 m | 132.61 | | 0 m | 60 m |
| 31L | 148 ft | 7,783 ft | 314.91 | ASPHALT | 348 ft | 194 ft |
| | 45 m | 2,372 m | 312.62 | | 106 m | 59 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 13L | DME | ML | 110.30 MHz | 27 nm | - | - | 10 ft |
| | | | | 50 km | - | | 10 m |
| 13R | DME | MCE | 108.30 MHz | 27 nm | - | - | 10 ft |
| | | | | 50 km | - | | 10 m |
| 31R | DME | MPV | 111.15 MHz | 27 nm | - | - | 10 ft |
| | | | | 50 km | - | | 10 m |
| 13L | LOC-ILS | ML | 110.30 MHz | 18 nm | 134.05 | - | 74 ft |
| | | | | 33 km | 131.77 | | 74 m |
| 13R | LOC-ILS | MCE | 108.30 MHz | 18 nm | 134.90 | - | 74 ft |
| | | | | 33 km | 132.62 | | 74 m |
| 31R | LOC-ILS | MPV | 111.15 MHz | 18 nm | 314.05 | - | 74 ft |
| | | | | 33 km | 311.77 | | 74 m |
| 13L | GS | ML | 110.30 MHz | 10 nm | 134.05 | 3.00 | 10 ft |
| | | | | 19 km | 131.77 | | 10 m |
| 13R | GS | MCE | 108.30 MHz | 10 nm | 134.90 | 3.00 | 74 ft |
| | | | | 19 km | 132.62 | | 74 m |
| 31R | GS | MPV | 111.15 MHz | 10 nm | 314.05 | 4.00 | 10 ft |
| | | | | 19 km | 311.77 | | 10 m |