

# LPPR

Porto Francisco Sa Carneiro

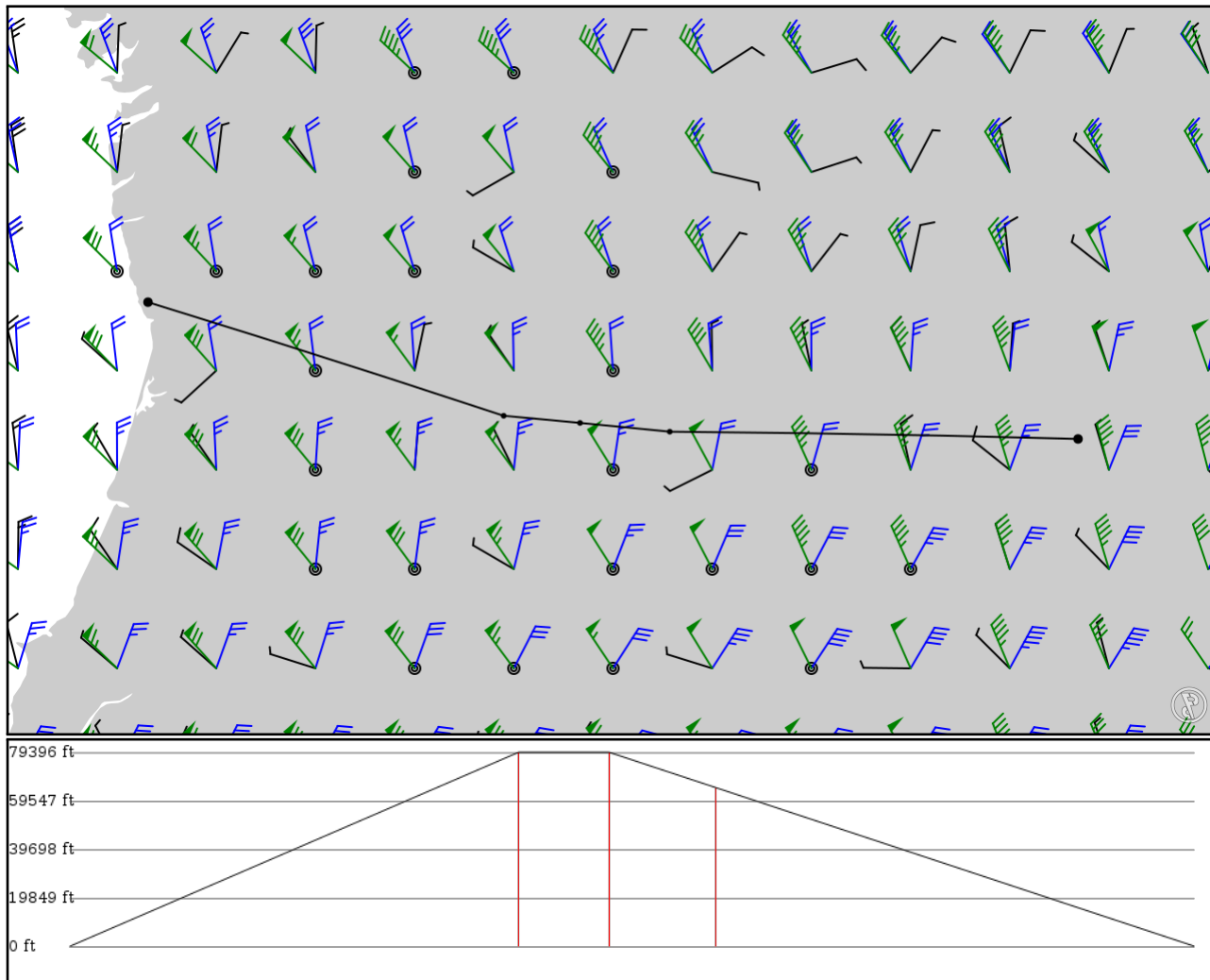
# LEMD

Adolfo Suárez Madrid-Barajas

2024/05/19 1830Z

LPPR RIVRO BARDI **UM191** RIDAV LEMD

241.17 nm / 446.64 km



## Notes

Basic altitude profile:

- Ascent Rate: 1950ft/min
- Ascent Speed: 315kts
- Cruise Altitude: 32000ft
- Cruise Speed: 465kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes



## Route

| Ident<br>Type | Via    | Lat<br>Lon | Alt       | Dist<br>(nm) | Name                         |
|---------------|--------|------------|-----------|--------------|------------------------------|
| LPPR          | -      | 41.24790   | 0 ft      | -            | Porto Francisco Sa Carneiro  |
| APT           | -      | -8.68122   | 0 m       |              |                              |
| RIVRO         | -      | 40.62280   | 24,200 ft | 96           | -                            |
| FIX           | -      | -6.72275   | 7,376 m   |              |                              |
| BARDI         | -      | 40.58350   | 24,200 ft | 19           | -                            |
| FIX           | -      | -6.30244   | 7,376 m   |              |                              |
| RIDAV         | UM191  | 40.53530   | 19,800 ft | 22           | -                            |
| FIX           | AWY-HI | -5.80828   | 6,035 m   |              |                              |
| LEMD          | -      | 40.49530   | 0 ft      | 102          | Adolfo Suárez Madrid-Barajas |
| APT           | -      | -3.56020   | 0 m       |              |                              |

## LPPR

Region: PORTUGAL  
Timezone: EUROPE/LISBON  
Runways: 1

Elevation: 227 ft / 69 m  
Location: 41.247900 -8.681220  
Magnetic Var: 1.510 W

## METAR

LPPR 191800Z 32011KT 290V350 CAVOK 17/12 Q1013

## TAF

TAF LPPR 191700Z 1918/2018 33013KT 9999 FEW020 BECMG 1921/1923 34005KT FEW012 BECMG 2000/2002 VRB02KT 6000 SCT004

## Frequencies

REC - 124.30 MHz - PORTO ATIS  
APP - 121.10 MHz - PORTO APPROACH

TWR - 118.00 MHz - PORTO TOWER

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 17    | 148 ft | 11,428 ft | 168.84                  | ASPHALT | 978 ft              | 0 ft              |
|       | 45 m   | 3,483 m   | 170.35                  |         | 298 m               | 0 m               |
| 35    | 148 ft | 11,428 ft | 348.85                  | ASPHALT | 492 ft              | 0 ft              |
|       | 45 m   | 3,483 m   | 350.36                  |         | 150 m               | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 17     | DME     | PR    | 109.90 MHz | 18 nm | -                       | -     | 228 ft    |
|        |         |       |            | 33 km | -                       |       | 228 m     |
| 17     | LOC-ILS | PR    | 109.90 MHz | 18 nm | 168.87                  | -     | 228 ft    |
|        |         |       |            | 33 km | 170.38                  |       | 228 m     |
| 17     | GS      | PR    | 109.90 MHz | 10 nm | 169.77                  | 2.72  | 228 ft    |
|        |         |       |            | 19 km | 171.28                  |       | 228 m     |

LEMD

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 4

Elevation: 1,998 ft / 609 m  
Location: 40.495300 -3.560200  
Magnetic Var: 0.081 E

METAR

LEMD 191800Z 29008KT 250V340 9999 FEW060 19/02 Q1009 NOSIG

TAF

TAF LEMD 191700Z 1918/2024 VRB05KT 9999 FEW045 TX23/2015Z TN06/2005Z TEMPO 1918/1920 29010KT PROB30 TEMPO 1918/1920 29010KT

Frequencies

REC - 130.85 MHz - ATIS DEPARTURE  
TWR - 120.65 MHz - BARAJAS TOWER  
TWR - 119.50 MHz - BARAJAS TOWER  
GND - 121.75 MHz - BARAJAS GROUND  
GND - 121.70 MHz - BARAJAS APRON  
GND - 121.85 MHz - BARAJAS APRON  
CLD - 130.35 MHz - CLEARANCE DELIVERY  
APP - 127.50 MHz - MADRID APPROACH  
APP - 134.00 MHz - MADRID APPROACH  
APP - 127.10 MHz - MADRID APPROACH  
APP - 118.75 MHz - MADRID APPROACH  
DEP - 131.17 MHz - MADRID DEPARTURE  
APP - 134.95 MHz - MADRID DIRECT

REC - 118.25 MHz - ATIS ARRIVAL  
TWR - 120.15 MHz - BARAJAS TOWER  
TWR - 118.15 MHz - BARAJAS TOWER  
GND - 123.15 MHz - BARAJAS GROUND  
GND - 123.25 MHz - BARAJAS APRON  
GND - 123.00 MHz - BARAJAS APRON  
CLD - 130.00 MHz - CLEARANCE DELIVERY  
APP - 136.10 MHz - MADRID APPROACH  
APP - 130.80 MHz - MADRID APPROACH  
APP - 124.00 MHz - MADRID APPROACH  
APP - 118.40 MHz - MADRID APPROACH  
DEP - 124.22 MHz - MADRID DEPARTURE  
APP - 128.70 MHz - MADRID DIRECT

Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 14R   | 197 ft | 13,097 ft | 142.31                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,992 m   | 142.22                  |         | 0 m                 | 0 m               |
| 32L   | 197 ft | 13,097 ft | 322.32                  | ASPHALT | 3,041 ft            | 0 ft              |
|       | 60 m   | 3,992 m   | 322.24                  |         | 927 m               | 0 m               |
| 18R   | 197 ft | 13,723 ft | 179.75                  | ASPHALT | 2,644 ft            | 0 ft              |
|       | 60 m   | 4,183 m   | 179.67                  |         | 806 m               | 0 m               |
| 36L   | 197 ft | 13,723 ft | 359.75                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 4,183 m   | 359.67                  |         | 0 m                 | 0 m               |
| 14L   | 197 ft | 11,494 ft | 142.31                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,504 m   | 142.23                  |         | 0 m                 | 0 m               |
| 32R   | 197 ft | 11,494 ft | 322.33                  | ASPHALT | 1,627 ft            | 0 ft              |
|       | 60 m   | 3,504 m   | 322.25                  |         | 496 m               | 0 m               |
| 18L   | 197 ft | 11,494 ft | 179.76                  | ASPHALT | 1,621 ft            | 0 ft              |
|       | 60 m   | 3,503 m   | 179.68                  |         | 494 m               | 0 m               |
| 36R   | 197 ft | 11,494 ft | 359.76                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,503 m   | 359.68                  |         | 0 m                 | 0 m               |

Approach Nav aids

| Runway | Type | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 18L    | DME  | IML   | 111.50 MHz | 18 nm | -                       | -     | 1,916 ft  |
|        |      |       |            | 33 km | -                       |       | 1,916 m   |
| 18R    | DME  | IMR   | 110.70 MHz | 18 nm | -                       | -     | 1,986 ft  |
|        |      |       |            | 33 km | -                       |       | 1,986 m   |

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 32L    | DME     | MAA   | 109.90 MHz | 18 nm | -                       | -     | 1,998 ft  |
|        |         |       |            | 33 km | -                       |       | 1,998 m   |
| 32R    | DME     | MBB   | 109.10 MHz | 18 nm | -                       | -     | 1,998 ft  |
|        |         |       |            | 33 km | -                       |       | 1,998 m   |
| 18L    | LOC-ILS | IML   | 111.50 MHz | 18 nm | 179.76                  | -     | 1,998 ft  |
|        |         |       |            | 33 km | 179.68                  |       | 1,998 m   |
| 18R    | LOC-ILS | IMR   | 110.70 MHz | 18 nm | 179.75                  | -     | 1,998 ft  |
|        |         |       |            | 33 km | 179.67                  |       | 1,998 m   |
| 32L    | LOC-ILS | MAA   | 109.90 MHz | 18 nm | 322.32                  | -     | 1,998 ft  |
|        |         |       |            | 33 km | 322.24                  |       | 1,998 m   |
| 32R    | LOC-ILS | MBB   | 109.10 MHz | 18 nm | 322.33                  | -     | 1,998 ft  |
|        |         |       |            | 33 km | 322.25                  |       | 1,998 m   |
| 18L    | GS      | IML   | 111.50 MHz | 10 nm | 179.76                  | 3.00  | 1,998 ft  |
|        |         |       |            | 19 km | 179.68                  |       | 1,998 m   |
| 18R    | GS      | IMR   | 110.70 MHz | 10 nm | 179.75                  | 3.00  | 1,978 ft  |
|        |         |       |            | 19 km | 179.67                  |       | 1,978 m   |
| 32L    | GS      | MAA   | 109.90 MHz | 10 nm | 322.32                  | 3.00  | 1,998 ft  |
|        |         |       |            | 19 km | 322.24                  |       | 1,998 m   |
| 32R    | GS      | MBB   | 109.10 MHz | 10 nm | 322.33                  | 3.00  | 1,998 ft  |
|        |         |       |            | 19 km | 322.25                  |       | 1,998 m   |