

LEMD

Adolfo Suárez Madrid-Barajas

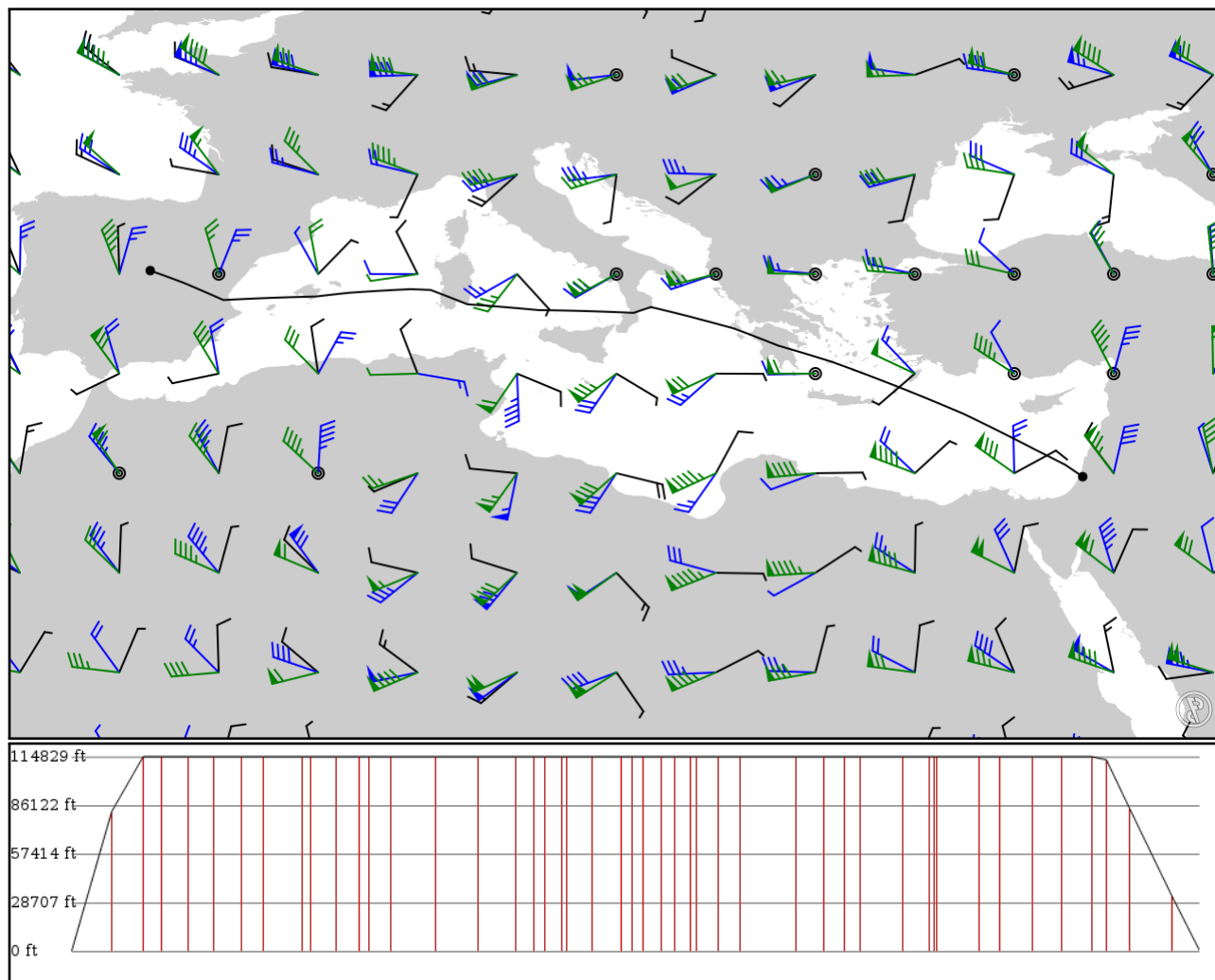
LLBG

Ben Gurion

2024/05/03 0842Z

LEMD NANDO **UT257** LASPO **UM871** XATOS **M871** CAR **Q152** CDC **L869** CRN **M601** TESPA RUTOM **UM601** MIL **UN134**
TIPAS **UL53** MASES **UN134** SOLIN LLBG

1955.57 nm / 3621.72 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: no

- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|-----------------|----------------------|-----------------------|--------------|------------------------------|
| LEMD APT | - | 40.49530 -3.56020 | 0 ft 0 m | - | Adolfo Suárez Madrid-Barajas |
| NANDO FIX | - | 39.98890 -2.17456 | 25,100 ft 7,650 m | 70 | - |
| MABUX FIX | UT257 AWY-HI | 39.54920 -1.14975 | 35,000 ft 10,668 m | 54 | - |
| LASPO FIX | UT257 AWY-HI | 39.28260 -0.54439 | 35,000 ft 10,668 m | 32 | - |
| ORVUS FIX | UM871 AWY-HI | 39.33160 0.43131 | 35,000 ft 10,668 m | 45 | - |
| GODOX FIX | UM871 AWY-HI | 39.37260 1.41075 | 35,000 ft 10,668 m | 45 | - |
| EDULI FIX | UM871 AWY-HI | 39.40610 2.41742 | 35,000 ft 10,668 m | 46 | - |
| PTC NDB | UM871 AWY-HI | 39.42730 3.25672 | 35,000 ft 10,668 m | 38 | PORTO COLOM |
| SOTAX FIX | UM871 AWY-HI | 39.58500 4.66667 | 35,000 ft 10,668 m | 66 | - |
| RISEP FIX | UM871 AWY-HI | 39.60670 4.99306 | 35,000 ft 10,668 m | 15 | - |
| EDINO FIX | UM871 AWY-HI | 39.66720 5.95444 | 35,000 ft 10,668 m | 44 | - |
| ETEKO FIX | UM871 AWY-HI | 39.71390 6.80444 | 35,000 ft 10,668 m | 39 | - |
| ETOIL FIX | UM871 AWY-HI | 39.73170 7.16333 | 35,000 ft 10,668 m | 16 | - |
| XATOS FIX | UM871 AWY-HI | 39.69860 8.00000 | 35,000 ft 10,668 m | 38 | - |
| CAR VOR | M871 AWY-HI | 39.11140 9.50803 | 35,000 ft 10,668 m | 78 | CARBONARA |
| GISIG FIX | Q152 AWY-HI | 38.99220 11.06360 | 35,000 ft 10,668 m | 72 | - |
| GIANO FIX | Q152 AWY-HI | 38.86920 12.44750 | 35,000 ft 10,668 m | 65 | - |
| LURON FIX | Q152 AWY-HI | 38.85890 13.11580 | 35,000 ft 10,668 m | 31 | - |
| ROSAS FIX | Q152 AWY-HI | 38.85060 13.53940 | 35,000 ft 10,668 m | 19 | - |
| VAKOR FIX | Q152 AWY-HI | 38.83610 14.15360 | 35,000 ft 10,668 m | 28 | - |
| TADIX FIX | Q152 AWY-HI | 38.83030 14.36110 | 35,000 ft 10,668 m | 9 | - |
| VULKA FIX | Q152 AWY-HI | 38.80000 15.27670 | 35,000 ft 10,668 m | 42 | - |
| CDC VOR | Q152 AWY-HI | 38.75590 16.36910 | 35,000 ft 10,668 m | 51 | CARAFFA |
| VADES FIX | L869 AWY-HI | 38.88420 16.74830 | 35,000 ft 10,668 m | 19 | - |
| CRN VOR | L869 AWY-HI | 38.99610 17.08310 | 35,000 ft 10,668 m | 17 | CROSTONE |
| ADREN FIX | M601 AWY-HI | 38.83830 17.73580 | 35,000 ft 10,668 m | 31 | - |
| TOMGI | M601 | 38.71810 | 35,000 ft | 23 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|------------|
| FIX | AWY-HI | 18.22140 | 10,668 m | | |
| TESPA | M601 | 38.57580 | 35,000 ft | 27 | - |
| FIX | AWY-HI | 18.78360 | 10,668 m | | |
| RUTOM | - | 38.51830 | 35,000 ft | 10 | - |
| FIX | - | 19.00000 | 10,668 m | | |
| LASKO | UM601 | 38.32110 | 35,000 ft | 36 | - |
| FIX | AWY-HI | 19.74360 | 10,668 m | | |
| KFN | UM601 | 38.11300 | 35,000 ft | 38 | KEFALLINIA |
| VOR | AWY-HI | 20.50470 | 10,668 m | | |
| TRL | UM601 | 37.40380 | 35,000 ft | 97 | TRIPOLIS |
| VOR | AWY-HI | 22.34030 | 10,668 m | | |
| EKTOS | UM601 | 37.12360 | 35,000 ft | 48 | - |
| FIX | AWY-HI | 23.29190 | 10,668 m | | |
| ALANI | UM601 | 36.91110 | 35,000 ft | 35 | - |
| FIX | AWY-HI | 23.99170 | 10,668 m | | |
| MIL | UM601 | 36.74750 | 35,000 ft | 27 | MILOS |
| VOR | AWY-HI | 24.51950 | 10,668 m | | |
| KUPIS | UN134 | 36.23860 | 35,000 ft | 73 | - |
| FIX | AWY-HI | 25.89860 | 10,668 m | | |
| TIPAS | UN134 | 35.90780 | 35,000 ft | 46 | - |
| FIX | AWY-HI | 26.76330 | 10,668 m | | |
| SOTIX | UL53 | 35.85330 | 35,000 ft | 7 | - |
| FIX | AWY-HI | 26.90330 | 10,668 m | | |
| MASES | UL53 | 35.82390 | 35,000 ft | 4 | - |
| FIX | AWY-HI | 26.97830 | 10,668 m | | |
| DOPUS | UN134 | 35.27190 | 35,000 ft | 75 | - |
| FIX | AWY-HI | 28.35920 | 10,668 m | | |
| GISOS | UN134 | 35.00470 | 35,000 ft | 35 | - |
| FIX | AWY-HI | 29.00580 | 10,668 m | | |
| MAGIS | UN134 | 34.58330 | 35,000 ft | 55 | - |
| FIX | AWY-HI | 30.00000 | 10,668 m | | |
| KOSEG | UN134 | 34.14330 | 35,000 ft | 52 | - |
| FIX | AWY-HI | 30.90670 | 10,668 m | | |
| GIPAS | UN134 | 33.69330 | 35,000 ft | 52 | - |
| FIX | AWY-HI | 31.81110 | 10,668 m | | |
| ASPIS | UN134 | 33.48170 | 34,400 ft | 24 | - |
| FIX | AWY-HI | 32.22830 | 10,485 m | | |
| ERIMO | UN134 | 33.12500 | 25,700 ft | 40 | - |
| FIX | AWY-HI | 32.92170 | 7,833 m | | |
| SOLIN | UN134 | 32.49470 | 9,900 ft | 73 | - |
| FIX | AWY-HI | 34.17080 | 3,018 m | | |
| LLBG | - | 32.00990 | 0 ft | 46 | Ben Gurion |
| APT | - | 34.88400 | 0 m | | |

LEMD

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 4

Elevation: 1,998 ft / 609 m
Location: 40.495300 -3.560200
Magnetic Var: 0.076 E

METAR

LEMD 030830Z 19004KT CAVOK 12/04 Q1021 NOSIG

TAF

TAF AMD LEMD 030628Z 0306/0412 22010KT CAVOK TX24/0412Z TN08/0306Z TEMPO 0308/0310 VRB04KT TEMPO 0400/0408 VRB04KT

Frequencies

| | |
|---------------------------------------|---------------------------------------|
| REC - 130.85 MHz - ATIS DEPARTURE | REC - 118.25 MHz - ATIS ARRIVAL |
| TWR - 120.65 MHz - BARAJAS TOWER | TWR - 120.15 MHz - BARAJAS TOWER |
| TWR - 119.50 MHz - BARAJAS TOWER | TWR - 118.15 MHz - BARAJAS TOWER |
| GND - 121.75 MHz - BARAJAS GROUND | GND - 123.15 MHz - BARAJAS GROUND |
| GND - 121.70 MHz - BARAJAS APRON | GND - 123.25 MHz - BARAJAS APRON |
| GND - 121.85 MHz - BARAJAS APRON | GND - 123.00 MHz - BARAJAS APRON |
| CLD - 130.35 MHz - CLEARANCE DELIVERY | CLD - 130.00 MHz - CLEARANCE DELIVERY |
| APP - 127.50 MHz - MADRID APPROACH | APP - 136.10 MHz - MADRID APPROACH |
| APP - 134.00 MHz - MADRID APPROACH | APP - 130.80 MHz - MADRID APPROACH |
| APP - 127.10 MHz - MADRID APPROACH | APP - 124.00 MHz - MADRID APPROACH |
| APP - 118.75 MHz - MADRID APPROACH | APP - 118.40 MHz - MADRID APPROACH |
| DEP - 131.17 MHz - MADRID DEPARTURE | DEP - 124.22 MHz - MADRID DEPARTURE |
| APP - 134.95 MHz - MADRID DIRECT | APP - 128.70 MHz - MADRID DIRECT |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 14R | 197 ft | 13,097 ft | 142.31 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,992 m | 142.23 | | 0 m | 0 m |
| 32L | 197 ft | 13,097 ft | 322.32 | ASPHALT | 3,041 ft | 0 ft |
| | 60 m | 3,992 m | 322.25 | | 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 | 142.24 | | 0 m | 0 m |
| 32R | 197 ft | 11,494 ft | 322.33 | ASPHALT | 1,627 ft | 0 ft |
| | 60 m | 3,504 m | 322.26 | | 496 m | 0 m |
| 18L | 197 ft | 11,494 ft | 179.76 | ASPHALT | 1,621 ft | 0 ft |
| | 60 m | 3,503 m | 179.69 | | 494 m | 0 m |
| 36R | 197 ft | 11,494 ft | 359.76 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,503 m | 359.69 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (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) (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 |

LLBG

Region: ISRAEL

Timezone: ASIA/JERUSALEM

Runways: 3

Elevation: 134 ft / 41 m

Location: 32.009900 34.884000

Magnetic Var: 5.207 E

METAR

LLBG 030820Z 25008KT 9999 SCT030 24/16 Q1011 NOSIG

TAF

TAF LLBG 030502Z 0306/0406 18010KT 9999 SCT025 TEMPO 0306/0307 VRB04KT BKN020 BECMG 0307/0308 26012KT FEW025 BECMG

Frequencies

REC - 132.50 MHz - ATIS

GND - 118.05 MHz - BEN GURION GROUND

TWR - 119.35 MHz - BEN GURION TOWER

TWR - 134.60 MHz - BEN GURION TOWER

DEP - 119.35 MHz - BEN GURION DEPARTURE

APP - 119.35 MHz - BEN GURION APPROACH

APP - 131.10 MHz - BEN GURION ARRIVAL

REC - 132.80 MHz - ATIS

GND - 129.20 MHz - BEN GURION GROUND

TWR - 132.10 MHz - BEN GURION TOWER

CLD - 118.30 MHz - CLEARANCE DELIVERY

DEP - 120.50 MHz - BEN GURION DEPARTURE

APP - 120.50 MHz - BEN GURION APPROACH

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 03 | 197 ft | 9,120 ft | 28.62 | ASPHALT | 0 ft | 810 ft |
| | 60 m | 2,780 m | 23.41 | | 0 m | 247 m |
| 21 | 197 ft | 9,120 ft | 208.62 | ASPHALT | 0 ft | 955 ft |
| | 60 m | 2,780 m | 203.42 | | 0 m | 291 m |
| 08 | 148 ft | 13,304 ft | 79.76 | ASPHALT | 1,440 ft | 971 ft |
| | 45 m | 4,055 m | 74.55 | | 439 m | 296 m |
| 26 | 148 ft | 13,304 ft | 259.78 | ASPHALT | 2,051 ft | 180 ft |
| | 45 m | 4,055 m | 254.58 | | 625 m | 55 m |
| 12 | 148 ft | 10,222 ft | 121.50 | ASPHALT | 0 ft | 968 ft |
| | 45 m | 3,116 m | 116.29 | | 0 m | 295 m |
| 30 | 148 ft | 10,222 ft | 301.51 | ASPHALT | 266 ft | 761 ft |
| | 45 m | 3,116 m | 296.30 | | 81 m | 232 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 12 | DME | BG | 110.30 MHz | 18 nm | - | - | 135 ft |
| | | | | 33 km | - | | 135 m |
| 08 | LOC-ILS | BC | 110.90 MHz | 18 nm | 79.77 | - | 134 ft |
| | | | | 33 km | 74.56 | | 134 m |
| 12 | LOC-ILS | BG | 110.30 MHz | 18 nm | 121.51 | - | 134 ft |
| | | | | 33 km | 116.30 | | 134 m |
| 21 | LOC-ILS | BN | 109.70 MHz | 18 nm | 208.62 | - | 134 ft |
| | | | | 33 km | 203.41 | | 134 m |
| 26 | LOC-ILS | BA | 108.70 MHz | 18 nm | 259.77 | - | 134 ft |
| | | | | 33 km | 254.56 | | 134 m |
| 30 | LOC-ILS | BD | 111.90 MHz | 18 nm | 301.51 | - | 134 ft |
| | | | | 33 km | 296.30 | | 134 m |
| 08 | GS | BC | 110.90 MHz | 10 nm | 79.77 | 3.00 | 134 ft |
| | | | | 19 km | 74.56 | | 134 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 12 | GS | BG | 110.30 MHz | 10 nm | 121.51 | 3.00 | 134 ft |
| | | | | 19 km | 116.30 | | 134 m |
| 21 | GS | BN | 109.70 MHz | 10 nm | 208.62 | 3.00 | 134 ft |
| | | | | 19 km | 203.41 | | 134 m |
| 26 | GS | BA | 108.70 MHz | 10 nm | 259.77 | 3.00 | 134 ft |
| | | | | 19 km | 254.56 | | 134 m |
| 30 | GS | BD | 111.90 MHz | 10 nm | 301.51 | 3.20 | 134 ft |
| | | | | 19 km | 296.30 | | 134 m |