

EDDB

Berlin Brandenburg International Willy Brandt

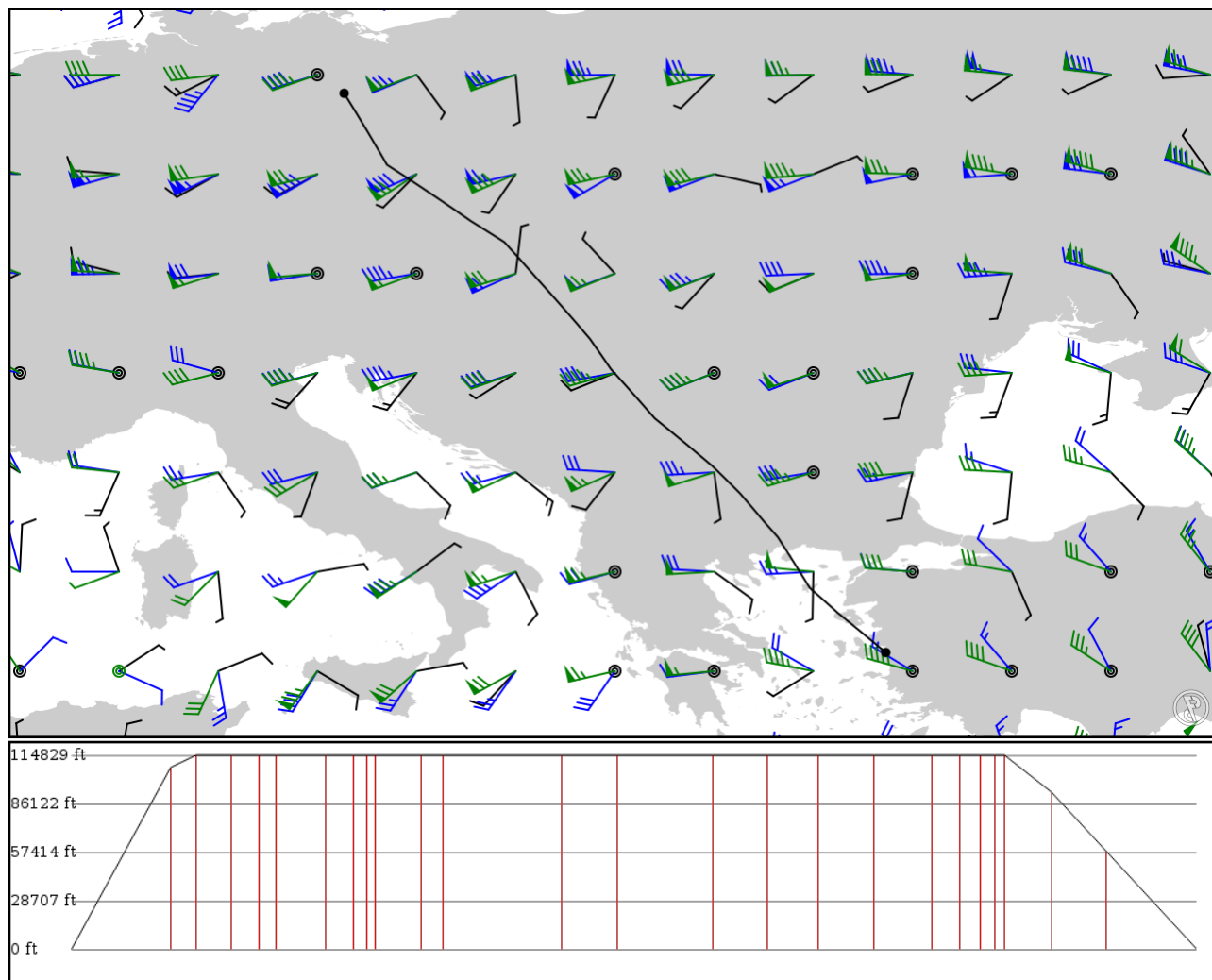
LTBJ

Izmir Adnan Menderes Intl

2024/06/16 2253Z

EDDB HDO **L858** KOMUR **L620** KOPIT **M748** ODNEM **A4** Berva **P974** TABIN **L616** ALAMU KEROP **P192** OKLOP **N739**
NISVA **Y505** NIKTI **UN127** ERESO LTBJ

1032.30 nm / 1911.82 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 | | Via | Lat | | Alt | Dist | Name |
|-------|--------|----------|-----------|-----|----------------------------------|------|--------------|
| Type | | | Lon | | | (nm) | |
| EDDB | - | 52.36230 | 0 ft | - | Berlin Brandenburg International | | Willy Brandt |
| APT | - | 13.50070 | 0 m | | | | |
| HDO | - | 50.92820 | 32,800 ft | 92 | HERMSDORF | | |
| VOR | - | 14.36880 | 9,997 m | | | | |
| KOMUR | L858 | 50.56240 | 35,000 ft | 23 | - | | |
| FIX | AWY-HI | 14.58160 | 10,668 m | | | | |
| KOPIT | L620 | 50.18820 | 35,000 ft | 31 | - | | |
| FIX | AWY-HI | 15.15800 | 10,668 m | | | | |
| DIXEP | M748 | 49.88500 | 35,000 ft | 25 | - | | |
| FIX | AWY-HI | 15.61600 | 10,668 m | | | | |
| ABRAX | M748 | 49.69770 | 35,000 ft | 15 | - | | |
| FIX | AWY-HI | 15.89490 | 10,668 m | | | | |
| BNO | M748 | 49.15010 | 35,000 ft | 45 | BRNO | | |
| VOR | AWY-HI | 16.69260 | 10,668 m | | | | |
| ODNEM | M748 | 48.85320 | 35,000 ft | 25 | - | | |
| FIX | AWY-LO | 17.16780 | 10,668 m | | | | |
| TUTPI | A4 | 48.71580 | 35,000 ft | 11 | - | | |
| FIX | AWY-LO | 17.38610 | 10,668 m | | | | |
| BERVA | A4 | 48.61750 | 35,000 ft | 8 | - | | |
| FIX | AWY-LO | 17.54110 | 10,668 m | | | | |
| TABIN | P974 | 48.01530 | 35,000 ft | 42 | - | | |
| FIX | AWY-LO | 18.08440 | 10,668 m | | | | |
| ALAMU | L616 | 47.73690 | 35,000 ft | 19 | - | | |
| FIX | AWY-LO | 18.33000 | 10,668 m | | | | |
| KEROP | - | 46.18430 | 35,000 ft | 108 | - | | |
| FIX | - | 19.69660 | 10,668 m | | | | |
| TISAK | P192 | 45.42210 | 35,000 ft | 50 | - | | |
| FIX | AWY-LO | 20.22730 | 10,668 m | | | | |
| OKLOP | P192 | 44.18320 | 35,000 ft | 88 | - | | |
| FIX | AWY-LO | 21.33160 | 10,668 m | | | | |
| OBAGI | N739 | 43.56050 | 35,000 ft | 49 | - | | |
| FIX | AWY-LO | 22.09590 | 10,668 m | | | | |
| NISVA | N739 | 42.97280 | 35,000 ft | 46 | - | | |
| FIX | AWY-LO | 22.79750 | 10,668 m | | | | |
| OMENO | Y505 | 42.29690 | 35,000 ft | 50 | - | | |
| FIX | AWY-HI | 23.48140 | 10,668 m | | | | |
| NIKTI | Y505 | 41.54640 | 35,000 ft | 53 | - | | |
| FIX | AWY-HI | 24.12170 | 10,668 m | | | | |
| LOPTI | UN127 | 41.19530 | 35,000 ft | 25 | - | | |
| FIX | AWY-HI | 24.43420 | 10,668 m | | | | |
| KPL | UN127 | 40.91270 | 35,000 ft | 18 | KAVALA | | |
| VOR | AWY-HI | 24.61480 | 10,668 m | | | | |
| SUTIS | UN127 | 40.70190 | 35,000 ft | 14 | - | | |
| FIX | AWY-HI | 24.74860 | 10,668 m | | | | |
| AMALA | UN127 | 40.56860 | 35,000 ft | 8 | - | | |
| FIX | AWY-HI | 24.83280 | 10,668 m | | | | |
| LMO | UN127 | 39.91950 | 28,300 ft | 43 | LIMNOS | | |
| VOR | AWY-HI | 25.23720 | 8,626 m | | | | |
| ERESO | UN127 | 39.29190 | 17,700 ft | 49 | - | | |
| FIX | AWY-HI | 25.94360 | 5,395 m | | | | |
| LTBJ | - | 38.29220 | 0 ft | 82 | Izmir Adnan Menderes Intl | | |
| APT | - | 27.15590 | 0 m | | | | |

EDDB

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 157 ft / 48 m
Location: 52.362300 13.500700
Magnetic Var: 4.669 E

METAR

EDDB 162220Z AUTO 18004KT 130V200 CAVOK 17/11 Q1010 NOSIG

TAF

TAF TAF EDDB 161700Z 1618/1718 23005KT CAVOK TEMPO 1713/1718 SHRA BKN030CB PROB30 TEMPO 1713/1717 24015G25KT TSRA

Frequencies

| | |
|---------------------------------------|---|
| REC - 123.77 MHz - ATIS | GND - 121.70 MHz - BERLIN GROUND E |
| GND - 129.50 MHz - BERLIN GROUND A | GND - 129.60 MHz - BERLIN APRON NORTH |
| GND - 121.85 MHz - BERLIN APRON SOUTH | TWR - 120.02 MHz - BERLIN TOWER NORTH |
| TWR - 118.80 MHz - BERLIN TOWER SOUTH | TWR - 118.85 MHz - BERLIN TOWER ALTERNATE |
| APP - 121.12 MHz - BERLIN DIRECTOR | APP - 136.10 MHz - BERLIN DIRECTOR |
| CLD - 121.60 MHz - BERLIN DELIVERY | APP - 119.62 MHz - BREMEN RADAR |
| APP - 120.62 MHz - BREMEN RADAR | APP - 126.42 MHz - BREMEN RADAR |
| APP - 119.50 MHz - BREMEN RADAR | APP - 134.42 MHz - BREMEN RADAR |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 07R | 197 ft | 13,088 ft | 68.74 | CONCRETE | 0 ft | 0 ft |
| | 60 m | 3,989 m | 64.07 | | 0 m | 0 m |
| 25L | 197 ft | 13,088 ft | 248.78 | CONCRETE | 0 ft | 0 ft |
| | 60 m | 3,989 m | 244.12 | | 0 m | 0 m |
| 07L | 148 ft | 11,780 ft | 68.75 | ASPHALT | 981 ft | 0 ft |
| | 45 m | 3,591 m | 64.08 | | 299 m | 0 m |
| 25R | 148 ft | 11,780 ft | 248.79 | ASPHALT | 981 ft | 0 ft |
| | 45 m | 3,591 m | 244.12 | | 299 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 07L | LOC-ILS | IBNE | 110.70 MHz | 18 nm | 68.77 | - | 157 ft |
| | | | | 33 km | 64.10 | | 157 m |
| 07R | LOC-ILS | IBSE | 109.70 MHz | 18 nm | 68.77 | - | 157 ft |
| | | | | 33 km | 64.10 | | 157 m |
| 25L | LOC-ILS | IBSW | 109.50 MHz | 18 nm | 248.77 | - | 157 ft |
| | | | | 33 km | 244.10 | | 157 m |
| 25R | LOC-ILS | IBNW | 109.90 MHz | 18 nm | 248.77 | - | 157 ft |
| | | | | 33 km | 244.10 | | 157 m |
| 07L | GS | IBNE | 110.70 MHz | 10 nm | 68.77 | 3.00 | 157 ft |
| | | | | 19 km | 64.10 | | 157 m |
| 07R | GS | IBSE | 109.70 MHz | 10 nm | 68.77 | 3.00 | 157 ft |
| | | | | 19 km | 64.10 | | 157 m |
| 25L | GS | IBSW | 109.50 MHz | 10 nm | 248.77 | 3.00 | 157 ft |
| | | | | 19 km | 244.10 | | 157 m |
| 25R | GS | IBNW | 109.90 MHz | 10 nm | 248.77 | 3.00 | 157 ft |
| | | | | 19 km | 244.10 | | 157 m |

LTBJ

Region: TURKEY
Timezone: EUROPE/ISTANBUL
Runways: 2

Elevation: 410 ft / 125 m
Location: 38.292200 27.155900
Magnetic Var: 5.525 E

METAR

LTBJ 162220Z 03005KT 360V070 CAVOK 24/09 Q1010 NOSIG RMK RWY16 36009KT

TAF

TAF LTBJ 161640Z 1618/1718 35017G27KT CAVOK BECMG 1618/1620 35014KT TEMPO 1712/1716 35017G27KT

Frequencies

| | |
|--------------------------------------|--------------------------------------|
| REC - 129.20 MHz - ATIS | GND - 121.90 MHz - MENDERES GROUND |
| GND - 121.70 MHz - MENDERES GROUND | TWR - 118.10 MHz - MENDERES TOWER |
| APP - 119.45 MHz - MENDERES APPROACH | APP - 120.10 MHz - MENDERES APPROACH |
| APP - 120.17 MHz - MENDERES APPROACH | APP - 134.20 MHz - MENDERES APPROACH |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 16R | 147 ft | 10,653 ft | 166.68 | CONCRETE | 0 ft | 197 ft |
| | 45 m | 3,247 m | 161.15 | | 0 m | 60 m |
| 34L | 147 ft | 10,653 ft | 346.68 | CONCRETE | 0 ft | 197 ft |
| | 45 m | 3,247 m | 341.16 | | 0 m | 60 m |
| 16L | 147 ft | 10,653 ft | 166.67 | ASPHALT | 0 ft | 197 ft |
| | 45 m | 3,247 m | 161.14 | | 0 m | 60 m |
| 34R | 147 ft | 10,653 ft | 346.67 | ASPHALT | 0 ft | 197 ft |
| | 45 m | 3,247 m | 341.15 | | 0 m | 60 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 16L | LOC-ILS | IIMR | 108.50 MHz | 18 nm | 166.67 | - | 410 ft |
| | | | | 33 km | 161.14 | | 410 m |
| 34R | LOC-ILS | IMEN | 110.30 MHz | 18 nm | 346.67 | - | 410 ft |
| | | | | 33 km | 341.14 | | 410 m |
| 16L | GS | IIMR | 108.50 MHz | 10 nm | 166.67 | 3.10 | 410 ft |
| | | | | 19 km | 161.14 | | 410 m |
| 34R | GS | IMEN | 110.30 MHz | 10 nm | 346.67 | 3.00 | 410 ft |
| | | | | 19 km | 341.14 | | 410 m |