

# EDDB

Berlin Brandenburg International Willy Brandt

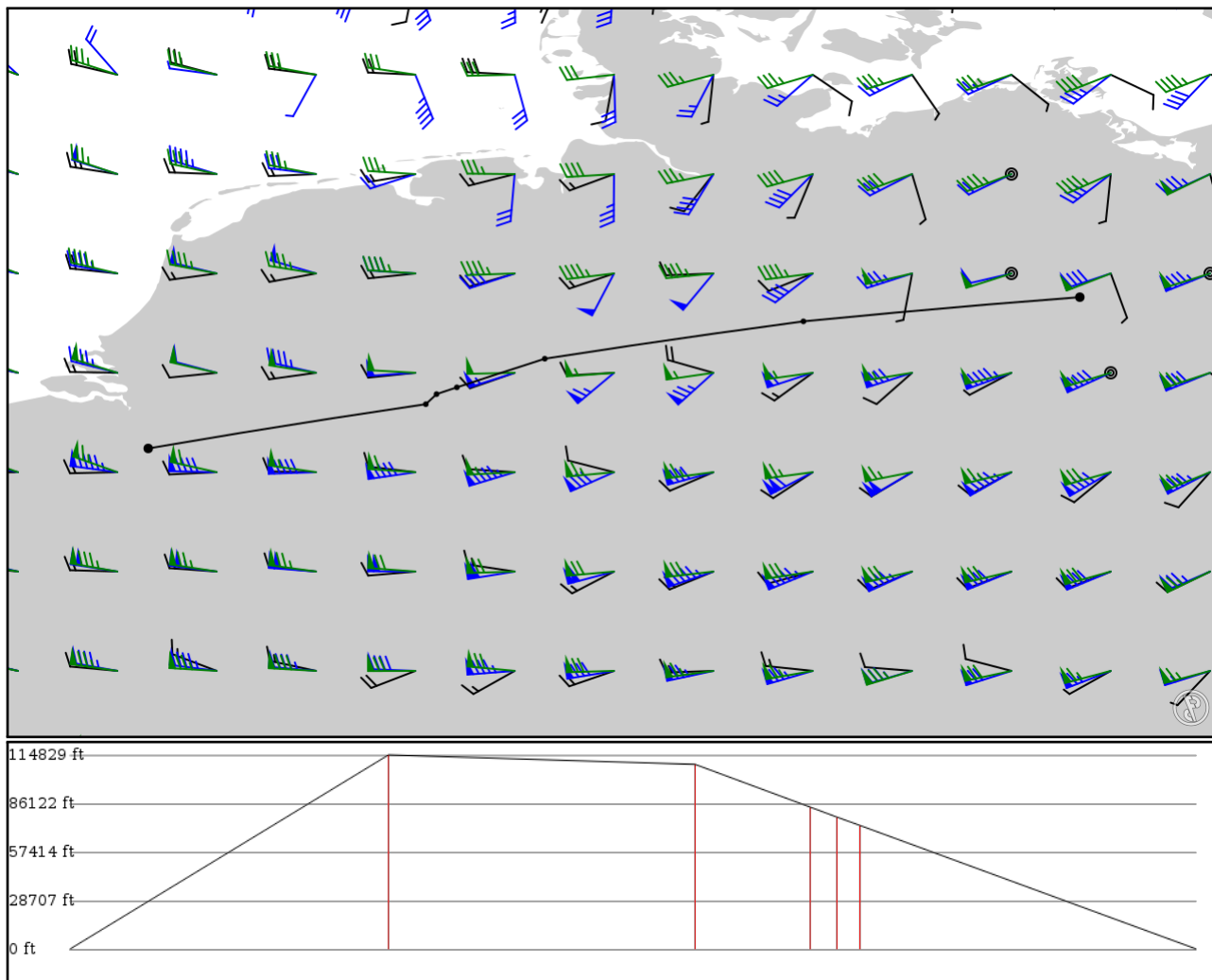
# EBBR

Brussels

2024/05/18 0026Z

EDDB POVEL **UM994** EXOBA **UZ717** ABAMI **UM170** BAM EBBR

349.89 nm / 648.00 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       |     |          |   |
| POVEL | -      | 52.12840 | 35,000 ft | 99  | -        |   |
| FIX   | -      | 10.82780 | 10,668 m  |     |          |   |
| EXOBA | UM994  | 51.76720 | 33,300 ft | 95  | -        |   |
| FIX   | AWY-HI | 8.32694  | 10,150 m  |     |          |   |
| IRBUP | UZ717  | 51.49060 | 25,600 ft | 35  | -        |   |
| FIX   | AWY-HI | 7.47722  | 7,803 m   |     |          |   |
| ABAMI | UZ717  | 51.42500 | 23,800 ft | 8   | -        |   |
| FIX   | AWY-HI | 7.28056  | 7,254 m   |     |          |   |
| BAM   | UM170  | 51.32780 | 22,300 ft | 7   | BARMEN   |   |
| VOR   | AWY-HI | 7.17698  | 6,797 m   |     |          |   |
| EBBR  | -      | 50.89990 | 0 ft      | 104 | Brussels |   |
| APT   | -      | 4.49277  | 0 m       |     |          |   |

## EDDB

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

Elevation: 157 ft / 48 m  
Location: 52.362300 13.500700  
Magnetic Var: 4.658 E

## METAR

EDDB 180020Z AUTO 08005KT CAVOK 15/07 Q1010 NOSIG

## TAF

TAF TAF EDDB 172300Z 1800/1824 08008KT CAVOK TEMPO 1812/1818 11013KT 4500 SHRA SCT040CB BECMG 1817/1820 12003KT

## 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)<br>(mag) | Surface  | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 07R   | 197 ft | 13,088 ft | 68.74                   | CONCRETE | 0 ft                | 0 ft              |
|       | 60 m   | 3,989 m   | 64.08                   |          | 0 m                 | 0 m               |
| 25L   | 197 ft | 13,088 ft | 248.78                  | CONCRETE | 0 ft                | 0 ft              |
|       | 60 m   | 3,989 m   | 244.13                  |          | 0 m                 | 0 m               |
| 07L   | 148 ft | 11,780 ft | 68.75                   | ASPHALT  | 981 ft              | 0 ft              |
|       | 45 m   | 3,591 m   | 64.09                   |          | 299 m               | 0 m               |
| 25R   | 148 ft | 11,780 ft | 248.79                  | ASPHALT  | 981 ft              | 0 ft              |
|       | 45 m   | 3,591 m   | 244.13                  |          | 299 m               | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 07L    | LOC-ILS | IBNE  | 110.70 MHz | 18 nm | 68.77                   | -     | 157 ft    |
|        |         |       |            | 33 km | 64.11                   |       | 157 m     |
| 07R    | LOC-ILS | IBSE  | 109.70 MHz | 18 nm | 68.77                   | -     | 157 ft    |
|        |         |       |            | 33 km | 64.11                   |       | 157 m     |
| 25L    | LOC-ILS | IBSW  | 109.50 MHz | 18 nm | 248.77                  | -     | 157 ft    |
|        |         |       |            | 33 km | 244.11                  |       | 157 m     |
| 25R    | LOC-ILS | IBNW  | 109.90 MHz | 18 nm | 248.77                  | -     | 157 ft    |
|        |         |       |            | 33 km | 244.11                  |       | 157 m     |
| 07L    | GS      | IBNE  | 110.70 MHz | 10 nm | 68.77                   | 3.00  | 157 ft    |
|        |         |       |            | 19 km | 64.11                   |       | 157 m     |
| 07R    | GS      | IBSE  | 109.70 MHz | 10 nm | 68.77                   | 3.00  | 157 ft    |
|        |         |       |            | 19 km | 64.11                   |       | 157 m     |
| 25L    | GS      | IBSW  | 109.50 MHz | 10 nm | 248.77                  | 3.00  | 157 ft    |
|        |         |       |            | 19 km | 244.11                  |       | 157 m     |
| 25R    | GS      | IBNW  | 109.90 MHz | 10 nm | 248.77                  | 3.00  | 157 ft    |
|        |         |       |            | 19 km | 244.11                  |       | 157 m     |

## EBBR

Region: BELGIUM  
Timezone: EUROPE/BRUSSELS  
Runways: 3

Elevation: 184 ft / 56 m  
Location: 50.899900 4.492770  
Magnetic Var: 2.005 E

## METAR

EBBR 172350Z 27006KT 3500 -DZ BKN003 13/13 Q1010 NOSIG

## TAF

TAF TAF EBBR 172300Z 1800/1906 27006KT 4000 BR BKN004 TEMPO 1800/1807 2000 -DZ BECMG 1807/1809 SCT006 BKN014 PROB4

## Frequencies

REC - 121.75 MHz - ATIS DEP  
COM - 130.55 MHz - ABELAG UNICOM  
GND - 118.05 MHz -  
GND - 121.87 MHz -  
TWR - 120.77 MHz -  
APP - 120.10 MHz -  
DEP - 126.62 MHz -

REC - 132.47 MHz - ATIS ARR  
CLD - 121.95 MHz - CLNC DEL  
GND - 121.70 MHz -  
TWR - 118.60 MHz -  
APP - 118.25 MHz -  
APP - 122.50 MHz -

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 07L   | 148 ft | 11,917 ft | 65.37                   | ASPHALT | 843 ft              | 72 ft             |
|       | 45 m   | 3,632 m   | 63.37                   |         | 257 m               | 22 m              |
| 25R   | 148 ft | 11,917 ft | 245.41                  | ASPHALT | 981 ft              | 0 ft              |
|       | 45 m   | 3,632 m   | 243.41                  |         | 299 m               | 0 m               |
| 07R   | 148 ft | 10,522 ft | 69.88                   | ASPHALT | 407 ft              | 0 ft              |
|       | 45 m   | 3,207 m   | 67.87                   |         | 124 m               | 0 m               |
| 25L   | 148 ft | 10,522 ft | 249.91                  | ASPHALT | 0 ft                | 13 ft             |
|       | 45 m   | 3,207 m   | 247.90                  |         | 0 m                 | 4 m               |
| 01    | 164 ft | 9,810 ft  | 14.44                   | ASPHALT | 157 ft              | 0 ft              |
|       | 50 m   | 2,990 m   | 12.44                   |         | 48 m                | 0 m               |
| 19    | 164 ft | 9,810 ft  | 194.45                  | ASPHALT | 722 ft              | 43 ft             |
|       | 50 m   | 2,990 m   | 192.44                  |         | 220 m               | 13 m              |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 01     | DME     | IBX   | 109.90 MHz | 18 nm | -                       | -     | 184 ft    |
|        |         |       |            | 33 km | -                       |       | 184 m     |
| 19     | DME     | IBM   | 111.15 MHz | 18 nm | -                       | -     | 184 ft    |
|        |         |       |            | 33 km | -                       |       | 184 m     |
| 25R    | DME     | IBR   | 108.90 MHz | 18 nm | -                       | -     | 184 ft    |
|        |         |       |            | 33 km | -                       |       | 184 m     |
| 01     | LOC-ILS | IBX   | 109.90 MHz | 18 nm | 14.45                   | -     | 184 ft    |
|        |         |       |            | 33 km | 12.45                   |       | 184 m     |
| 19     | LOC-ILS | IBM   | 111.15 MHz | 18 nm | 194.45                  | -     | 184 ft    |
|        |         |       |            | 33 km | 192.45                  |       | 184 m     |
| 25L    | LOC-ILS | IBL   | 110.35 MHz | 18 nm | 249.89                  | -     | 184 ft    |
|        |         |       |            | 33 km | 247.89                  |       | 184 m     |
| 25R    | LOC-ILS | IBR   | 108.90 MHz | 18 nm | 245.39                  | -     | 184 ft    |
|        |         |       |            | 33 km | 243.39                  |       | 184 m     |

| Runway | Type | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 01     | GS   | IBX   | 109.90 MHz | 10 nm | 14.45                   | 3.00  | 184 ft    |
|        |      |       |            | 19 km | 12.45                   |       | 184 m     |
| 19     | GS   | IBM   | 111.15 MHz | 10 nm | 194.45                  | 3.00  | 184 ft    |
|        |      |       |            | 19 km | 192.45                  |       | 184 m     |
| 25L    | GS   | IBL   | 110.35 MHz | 10 nm | 249.89                  | 3.00  | 184 ft    |
|        |      |       |            | 19 km | 247.89                  |       | 184 m     |
| 25R    | GS   | IBR   | 108.90 MHz | 10 nm | 245.39                  | 3.00  | 184 ft    |
|        |      |       |            | 19 km | 243.39                  |       | 184 m     |