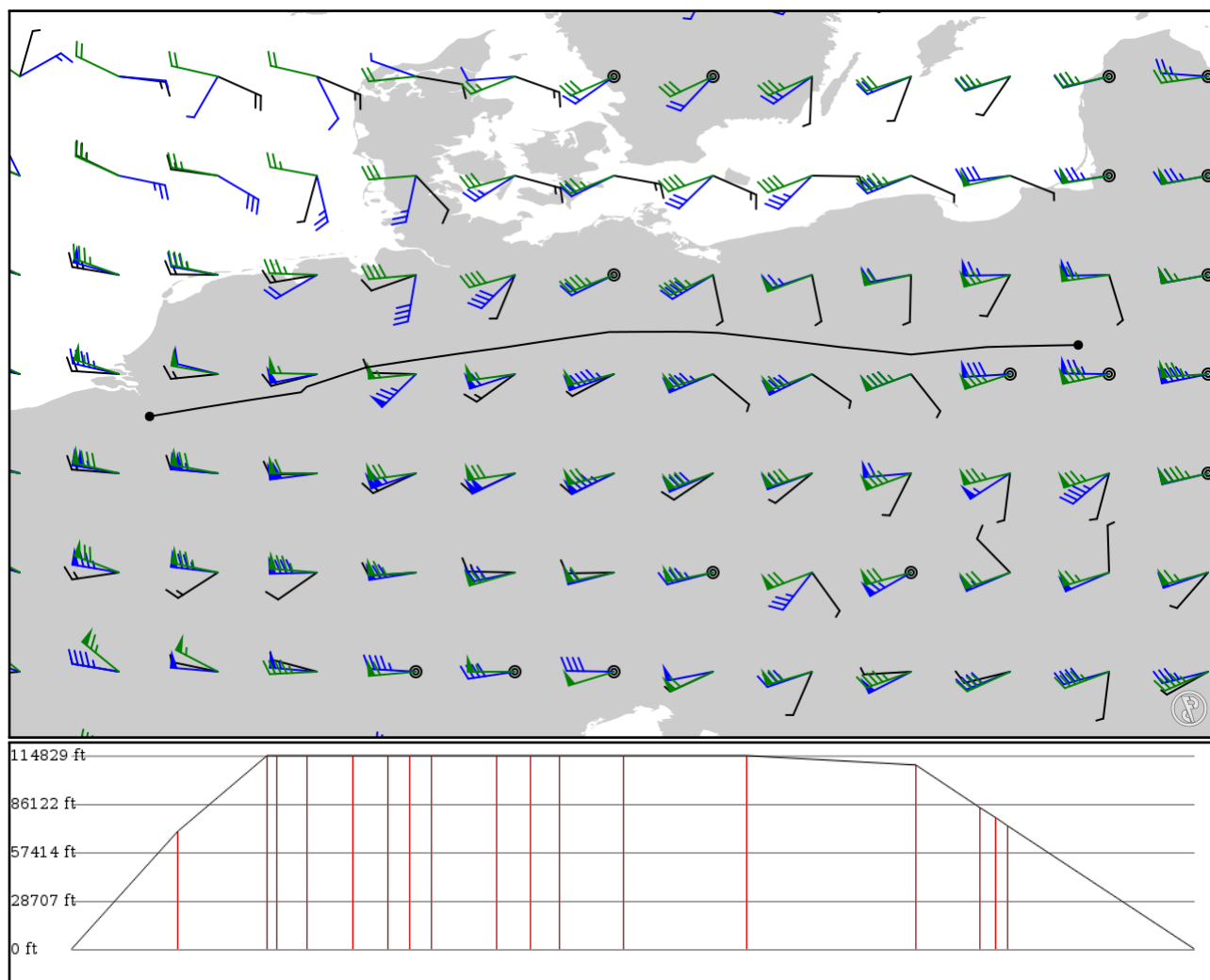


2024/05/11 0057Z

EPWA DIBLO T174 INDIG L980 SUBIX UL980 PENEK UM994 EXOBA UZ717 ABAMI UM170 BAM EBBR

628.40 nm / 1163.79 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<br>Type | Via             | Lat<br>Lon           | Alt                   | Dist<br>(nm) | Name                   |
|---------------|-----------------|----------------------|-----------------------|--------------|------------------------|
| EPWA<br>APT   | -               | 52.16510<br>20.96700 | 0 ft<br>0 m           | -            | Warsaw Frederic Chopin |
| DIBLO<br>FIX  | -               | 52.12970<br>19.34420 | 21,300 ft<br>6,492 m  | 59           | -                      |
| INDIG<br>FIX  | T174<br>AWY-HI  | 51.99670<br>18.00000 | 35,000 ft<br>10,668 m | 50           | -                      |
| MASIV<br>FIX  | L980<br>AWY-HI  | 52.01250<br>17.85670 | 35,000 ft<br>10,668 m | 5            | -                      |
| BADUP<br>FIX  | L980<br>AWY-HI  | 52.05920<br>17.42110 | 35,000 ft<br>10,668 m | 16           | -                      |
| ADVAB<br>FIX  | L980<br>AWY-HI  | 52.13060<br>16.72720 | 35,000 ft<br>10,668 m | 25           | -                      |
| OBOLA<br>FIX  | L980<br>AWY-HI  | 52.19440<br>16.21140 | 35,000 ft<br>10,668 m | 19           | -                      |
| KELOD<br>FIX  | L980<br>AWY-HI  | 52.23390<br>15.88330 | 35,000 ft<br>10,668 m | 12           | -                      |
| BAREP<br>FIX  | L980<br>AWY-HI  | 52.27110<br>15.56440 | 35,000 ft<br>10,668 m | 11           | -                      |
| SUBIX<br>FIX  | L980<br>AWY-HI  | 52.37970<br>14.58560 | 35,000 ft<br>10,668 m | 36           | -                      |
| TUVAK<br>FIX  | UL980<br>AWY-HI | 52.39980<br>14.07080 | 35,000 ft<br>10,668 m | 18           | -                      |
| ADLIR<br>FIX  | UL980<br>AWY-HI | 52.40030<br>13.62190 | 35,000 ft<br>10,668 m | 16           | -                      |
| PENEK<br>FIX  | UL980<br>AWY-HI | 52.39580<br>12.64670 | 35,000 ft<br>10,668 m | 35           | -                      |
| POVEL<br>FIX  | UM994<br>AWY-HI | 52.12840<br>10.82780 | 35,000 ft<br>10,668 m | 68           | -                      |
| EXOBA<br>FIX  | UM994<br>AWY-HI | 51.76720<br>8.32694  | 33,300 ft<br>10,150 m | 95           | -                      |
| IRBUP<br>FIX  | UZ717<br>AWY-HI | 51.49060<br>7.47722  | 25,600 ft<br>7,803 m  | 35           | -                      |
| ABAMI<br>FIX  | UZ717<br>AWY-HI | 51.42500<br>7.28056  | 23,800 ft<br>7,254 m  | 8            | -                      |
| BAM<br>VOR    | UM170<br>AWY-HI | 51.32780<br>7.17698  | 22,300 ft<br>6,797 m  | 7            | BARMEN                 |
| EBBR<br>APT   | -               | 50.89990<br>4.49277  | 0 ft<br>0 m           | 104          | Brussels               |

## EPWA

Region: POLAND  
Timezone: EUROPE/WARSAW  
Runways: 2

Elevation: 362 ft / 110 m  
Location: 52.165100 20.967000  
Magnetic Var: 6.622 E

## METAR

EPWA 110030Z 33007KT 9999 SCT012 BKN036 12/10 Q1021 TEMPO BKN012

## TAF

TAF EPWA 102330Z 1100/1124 33010KT 9999 BKN030 TEMPO 1100/1105 BKN014 PROB40 TEMPO 1100/1104 BKN008 BECMG 1102/11

## Frequencies

|  |                                       |
|--|---------------------------------------|
| REC - 120.45 MHz - ATIS                | TWR - 118.30 MHz - OKECIE TOWER       |
| GND - 121.90 MHz - OKECIE GROUND       | CLD - 121.60 MHz - CLEARANCE DELIVERY |
| APP - 128.80 MHz - WARSAW APPROACH     | APP - 125.05 MHz - WARSAW APPROACH    |
| REC - 118.77 MHz - OLSZTYN INFORMATION | REC - 119.45 MHz - WARSAW INFORMATION |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 11    | 164 ft | 9,166 ft  | 114.57                  | ASPHALT | 0 ft                | 492 ft            |
|       | 50 m   | 2,794 m   | 107.95                  |         | 0 m                 | 150 m             |
| 29    | 164 ft | 9,166 ft  | 294.60                  | ASPHALT | 1,617 ft            | 102 ft            |
|       | 50 m   | 2,794 m   | 287.98                  |         | 493 m               | 31 m              |
| 15    | 197 ft | 12,093 ft | 151.80                  | ASPHALT | 0 ft                | 144 ft            |
|       | 60 m   | 3,686 m   | 145.18                  |         | 0 m                 | 44 m              |
| 33    | 197 ft | 12,093 ft | 331.82                  | ASPHALT | 2,159 ft            | 148 ft            |
|       | 60 m   | 3,686 m   | 325.20                  |         | 658 m               | 45 m              |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 11     | DME     | WAS   | 109.90 MHz | 18 nm | -                       | -     | 394 ft    |
|        |         |       |            | 33 km | -                       |       | 394 m     |
| 33     | DME     | WA    | 110.30 MHz | 18 nm | -                       | -     | 394 ft    |
|        |         |       |            | 33 km | -                       |       | 394 m     |
| 11     | LOC-ILS | WAS   | 109.90 MHz | 18 nm | 114.59                  | -     | 362 ft    |
|        |         |       |            | 33 km | 107.97                  |       | 362 m     |
| 33     | LOC-ILS | WA    | 110.30 MHz | 18 nm | 331.82                  | -     | 362 ft    |
|        |         |       |            | 33 km | 325.20                  |       | 362 m     |
| 11     | GS      | WAS   | 109.90 MHz | 10 nm | 114.59                  | 3.00  | 362 ft    |
|        |         |       |            | 19 km | 107.97                  |       | 362 m     |
| 33     | GS      | WA    | 110.30 MHz | 10 nm | 331.82                  | 3.00  | 362 ft    |
|        |         |       |            | 19 km | 325.20                  |       | 362 m     |

## EBBR

Region: BELGIUM  
Timezone: EUROPE/BRUSSELS  
Runways: 3

Elevation: 184 ft / 56 m  
Location: 50.899900 4.492770  
Magnetic Var: 2.002 E

## METAR

EBBR 110020Z 08002KT CAVOK 13/09 Q1022 NOSIG

## TAF

TAF EBBR 101703Z 1018/1124 05005KT CAVOK= TAF EDDF 101700Z 1018/1124 04005KT CAVOK

## 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   | 247.91                  |         | 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   | 192.45                  |         | 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     |