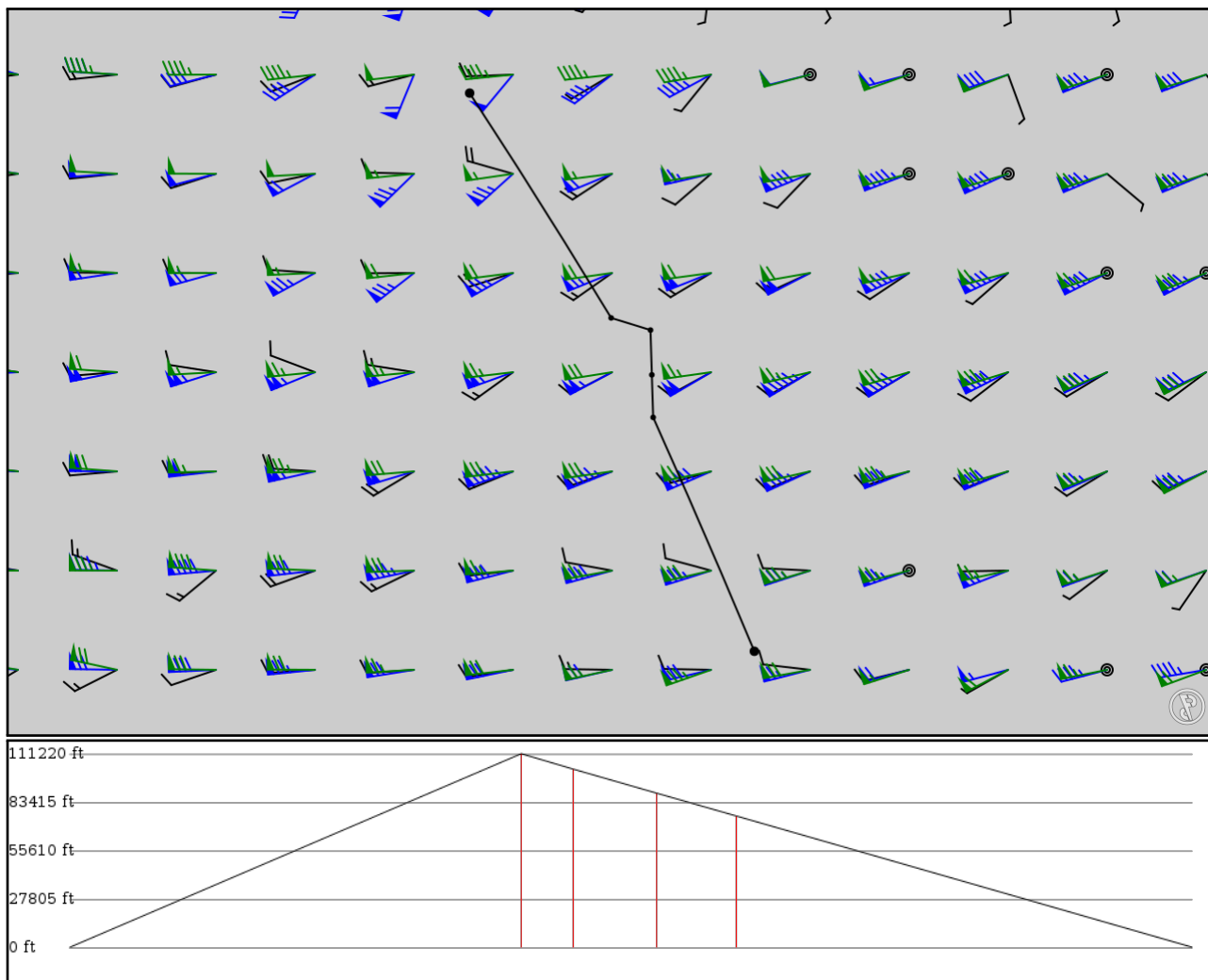


2024/06/07 1218Z

EDDV TAMEB **UL602** BAMKI **Y231** EBESI EDDM

265.02 nm / 490.82 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 33000ft
- 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                         |
|---------------|--------|------------|-----------|--------------|------------------------------|
| EDDV          | -      | 52.46209   | 0 ft      | -            | Hannover                     |
| APT           | -      | 9.68679    | 0 m       |              |                              |
| TAMEB         | -      | 50.80778   | 33,900 ft | 106          | -                            |
| FIX           | -      | 10.73000   | 10,333 m  |              |                              |
| BAMKI         | UL602  | 50.71806   | 31,200 ft | 12           | -                            |
| FIX           | AWY-HI | 11.02028   | 9,510 m   |              |                              |
| PIBAD         | Y231   | 50.38861   | 27,000 ft | 19           | -                            |
| FIX           | AWY-HI | 11.03028   | 8,230 m   |              |                              |
| EBESI         | Y231   | 50.07528   | 23,000 ft | 18           | -                            |
| FIX           | AWY-HI | 11.04000   | 7,010 m   |              |                              |
| EDDM          | -      | 48.35379   | 0 ft      | 107          | Muenchen Franz-Josef Strauss |
| APT           | -      | 11.78612   | 0 m       |              |                              |

## EDDV

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 3

Elevation: 183 ft / 56 m  
Location: 52.460200 9.683520  
Magnetic Var: 3.568 E

## METAR

EDDV 071150Z AUTO 27009KT 240V310 CAVOK 18/06 Q1018 NOSIG

## TAF

TAF EDDV 071100Z 0712/0812 27008KT 9999 FEW040 BECMG 0717/0719 VRB03KT BECMG 0806/0808 24007KT TEMPO 0810/0812 25

## Frequencies

REC - 136.57 MHz - HANNOVER ATIS  
APP - 118.05 MHz - BREMEN RADAR  
TWR - 120.17 MHz - HANNOVER TOWER

APP - 131.32 MHz - BREMEN RADAR  
DEP - 119.60 MHz - HANNOVER DIRECTOR  
GND - 121.95 MHz - HANNOVER GROUND

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface  | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 09C   | 75 ft  | 2,557 ft  | 92.64                   | ASPHALT  | 197 ft              | 0 ft              |
|       | 23 m   | 779 m     | 89.07                   |          | 60 m                | 0 m               |
| 27C   | 75 ft  | 2,557 ft  | 272.65                  | ASPHALT  | 558 ft              | 0 ft              |
|       | 23 m   | 779 m     | 269.08                  |          | 170 m               | 0 m               |
| 09R   | 148 ft | 7,669 ft  | 92.60                   | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 2,338 m   | 89.03                   |          | 0 m                 | 0 m               |
| 27L   | 148 ft | 7,669 ft  | 272.63                  | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 2,338 m   | 269.06                  |          | 0 m                 | 0 m               |
| 09L   | 148 ft | 10,509 ft | 92.57                   | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 3,203 m   | 89.00                   |          | 0 m                 | 0 m               |
| 27R   | 148 ft | 10,509 ft | 272.61                  | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 3,203 m   | 269.04                  |          | 0 m                 | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 09L    | LOC-ILS | IHNE  | 108.30 MHz | 18 nm | 92.59                   | -     | 187 ft    |
|        |         |       |            | 33 km | 89.02                   |       | 187 m     |
| 09R    | LOC-ILS | IHSE  | 108.70 MHz | 18 nm | 92.62                   | -     | 183 ft    |
|        |         |       |            | 33 km | 89.05                   |       | 183 m     |
| 27L    | LOC-ILS | IHSW  | 109.50 MHz | 18 nm | 272.62                  | -     | 183 ft    |
|        |         |       |            | 33 km | 269.05                  |       | 183 m     |
| 27R    | LOC-ILS | IHNW  | 108.90 MHz | 18 nm | 272.59                  | -     | 183 ft    |
|        |         |       |            | 33 km | 269.02                  |       | 183 m     |
| 09L    | GS      | IHNE  | 108.30 MHz | 10 nm | 92.59                   | 3.00  | 187 ft    |
|        |         |       |            | 19 km | 89.02                   |       | 187 m     |
| 09R    | GS      | IHSE  | 108.70 MHz | 10 nm | 92.62                   | 3.00  | 183 ft    |
|        |         |       |            | 19 km | 89.05                   |       | 183 m     |
| 27L    | GS      | IHSW  | 109.50 MHz | 10 nm | 272.62                  | 3.00  | 183 ft    |
|        |         |       |            | 19 km | 269.05                  |       | 183 m     |
| 27R    | GS      | IHNW  | 108.90 MHz | 10 nm | 272.59                  | 3.00  | 183 ft    |
|        |         |       |            | 19 km | 269.02                  |       | 183 m     |

## EDDM

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

Elevation: 1,484 ft / 452 m  
Location: 48.353800 11.786100  
Magnetic Var: 3.950 E

## METAR

EDDM 071150Z AUTO 27005KT 200V340 9999 FEW030 22/15 Q1019 TEMPO SHRA SCT030TCU

## TAF

TAF EDDM 071100Z 0712/0818 27006KT 9999 SCT030 PROB30 TEMPO 0712/0716 27015G25KT TSRA SCT025CB BECMG 0717/0719 VR

## Frequencies

|  |  |
|--|--|
| REC - 123.12 MHz - MUENCHEN ATIS           | COM - 122.80 MHz - MUENCHEN UNICOM         |
| CLD - 121.72 MHz - MUENCHEN DELIVERY       | GND - 121.97 MHz - MUENCHEN GROUND NORTH   |
| GND - 121.82 MHz - MUENCHEN GROUND SOUTH   | GND - 121.77 MHz - MUENCHEN APRON 1        |
| GND - 121.70 MHz - MUENCHEN APRON 2        | GND - 121.92 MHz - MUENCHEN APRON 3        |
| TWR - 120.50 MHz - MUENCHEN TOWER SOUTH    | TWR - 118.70 MHz - MUENCHEN TOWER NORTH    |
| APP - 123.90 MHz - MUENCHEN RADAR NORTH    | APP - 127.95 MHz - MUENCHEN RADAR SOUTH    |
| APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH  | APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH  |
| APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH | APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface  | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 08L   | 197 ft | 13,135 ft | 83.39                   | CONCRETE | 0 ft                | 0 ft              |
|       | 60 m   | 4,004 m   | 79.44                   |          | 0 m                 | 0 m               |
| 26R   | 197 ft | 13,135 ft | 263.43                  | CONCRETE | 0 ft                | 0 ft              |
|       | 60 m   | 4,004 m   | 259.48                  |          | 0 m                 | 0 m               |
| 08R   | 197 ft | 13,135 ft | 83.37                   | CONCRETE | 0 ft                | 0 ft              |
|       | 60 m   | 4,004 m   | 79.42                   |          | 0 m                 | 0 m               |
| 26L   | 197 ft | 13,135 ft | 263.41                  | CONCRETE | 0 ft                | 0 ft              |
|       | 60 m   | 4,004 m   | 259.46                  |          | 0 m                 | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 08L    | LOC-ILS | IMNE  | 109.50 MHz | 18 nm | 83.41                   | -     | 1,484 ft  |
|        |         |       |            | 33 km | 79.46                   |       | 1,484 m   |
| 08R    | LOC-ILS | IMSE  | 109.30 MHz | 18 nm | 83.39                   | -     | 1,484 ft  |
|        |         |       |            | 33 km | 79.44                   |       | 1,484 m   |
| 26L    | LOC-ILS | IMSW  | 108.30 MHz | 18 nm | 263.39                  | -     | 1,484 ft  |
|        |         |       |            | 33 km | 259.44                  |       | 1,484 m   |
| 26R    | LOC-ILS | IMNW  | 108.70 MHz | 18 nm | 263.41                  | -     | 1,484 ft  |
|        |         |       |            | 33 km | 259.46                  |       | 1,484 m   |
| 08L    | GS      | IMNE  | 109.50 MHz | 10 nm | 83.41                   | 3.00  | 1,484 ft  |
|        |         |       |            | 19 km | 79.46                   |       | 1,484 m   |
| 08R    | GS      | IMSE  | 109.30 MHz | 10 nm | 83.39                   | 3.00  | 1,484 ft  |
|        |         |       |            | 19 km | 79.44                   |       | 1,484 m   |
| 26L    | GS      | IMSW  | 108.30 MHz | 10 nm | 263.39                  | 3.00  | 1,484 ft  |
|        |         |       |            | 19 km | 259.44                  |       | 1,484 m   |
| 26R    | GS      | IMNW  | 108.70 MHz | 10 nm | 263.41                  | 3.00  | 1,484 ft  |
|        |         |       |            | 19 km | 259.46                  |       | 1,484 m   |