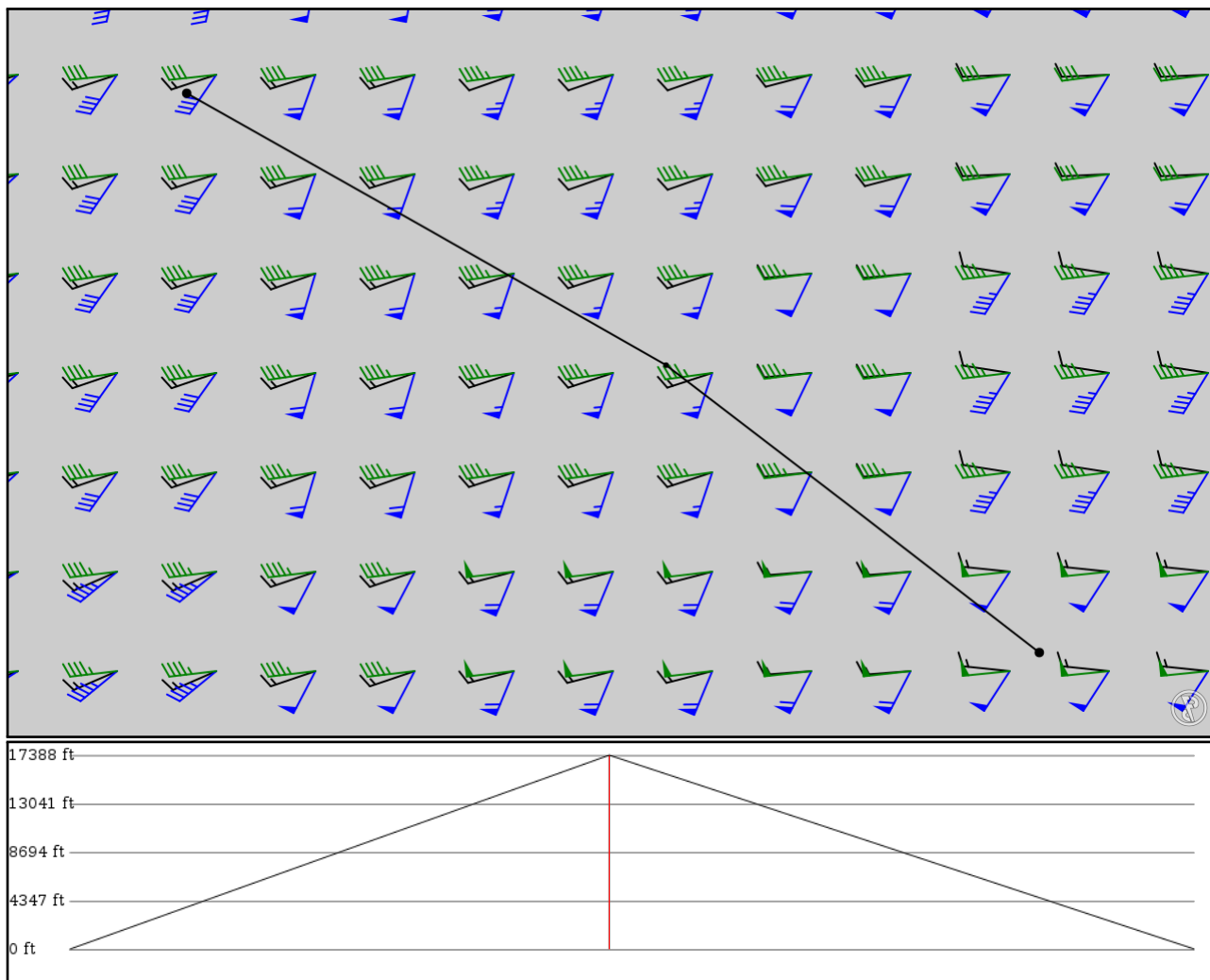


2024/05/16 0029Z

EDDV GUKMA EDDW

48.01 nm / 88.92 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<br>Type | Via | Lat<br>Lon | Alt      | Dist<br>(nm) | Name     |
|---------------|-----|------------|----------|--------------|----------|
| EDDV          | -   | 52.46020   | 0 ft     | -            | Hannover |
| APT           | -   | 9.68352    | 0 m      |              |          |
| GUKMA         | -   | 52.76110   | 5,300 ft | 23           | -        |
| FIX           | -   | 9.29194    | 1,615 m  |              |          |
| EDDW          | -   | 53.04570   | 0 ft     | 24           | Bremen   |
| APT           | -   | 8.78900    | 0 m      |              |          |

## EDDV

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

Elevation: 183 ft / 56 m  
Location: 52.460200 9.683520  
Magnetic Var: 3.560 E

## METAR

EDDV 160020Z AUTO 09010KT CAVOK 17/07 Q1007

## TAF

TAF EDDV 152300Z 1600/1624 09010KT CAVOK BECMG 1606/1608 11015G25KT BECMG 1616/1618 11010KT PROB30 TEMPO 1616/1624

## 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     | 89.08                   |          | 60 m                | 0 m               |
| 27C   | 75 ft  | 2,557 ft  | 272.65                  | ASPHALT  | 558 ft              | 0 ft              |
|       | 23 m   | 779 m     | 269.09                  |          | 170 m               | 0 m               |
| 09R   | 148 ft | 7,669 ft  | 92.60                   | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 2,338 m   | 89.04                   |          | 0 m                 | 0 m               |
| 27L   | 148 ft | 7,669 ft  | 272.63                  | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 2,338 m   | 269.07                  |          | 0 m                 | 0 m               |
| 09L   | 148 ft | 10,509 ft | 92.57                   | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 3,203 m   | 89.01                   |          | 0 m                 | 0 m               |
| 27R   | 148 ft | 10,509 ft | 272.61                  | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 3,203 m   | 269.05                  |          | 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 | 89.03                   |       | 187 m     |
| 09R    | LOC-ILS | IHSE  | 108.70 MHz | 18 nm | 92.62                   | -     | 183 ft    |
|        |         |       |            | 33 km | 89.06                   |       | 183 m     |
| 27L    | LOC-ILS | IHSW  | 109.50 MHz | 18 nm | 272.62                  | -     | 183 ft    |
|        |         |       |            | 33 km | 269.06                  |       | 183 m     |
| 27R    | LOC-ILS | IHNW  | 108.90 MHz | 18 nm | 272.59                  | -     | 183 ft    |
|        |         |       |            | 33 km | 269.03                  |       | 183 m     |
| 09L    | GS      | IHNE  | 108.30 MHz | 10 nm | 92.59                   | 3.00  | 187 ft    |
|        |         |       |            | 19 km | 89.03                   |       | 187 m     |
| 09R    | GS      | IHSE  | 108.70 MHz | 10 nm | 92.62                   | 3.00  | 183 ft    |
|        |         |       |            | 19 km | 89.06                   |       | 183 m     |
| 27L    | GS      | IHSW  | 109.50 MHz | 10 nm | 272.62                  | 3.00  | 183 ft    |
|        |         |       |            | 19 km | 269.06                  |       | 183 m     |
| 27R    | GS      | IHNW  | 108.90 MHz | 10 nm | 272.59                  | 3.00  | 183 ft    |
|        |         |       |            | 19 km | 269.03                  |       | 183 m     |

## EDDW

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

Elevation: 14 ft / 4 m  
Location: 53.045700 8.789000  
Magnetic Var: 3.304 E

## METAR

EDDW 160020Z AUTO 08011KT CAVOK 18/07 Q1007

## TAF

TAF EDDW 152300Z 1600/1624 09010KT CAVOK BECMG 1606/1608 11015G25KT PROB30 TEMPO 1610/1613 12020G30KT BECMG 1617/

## Frequencies

GND - 121.75 MHz -  
TWR - 118.50 MHz -  
APP - 124.80 MHz - RADAR

TWR - 125.10 MHz - INFO  
TWR - 134.82 MHz -  
APP - 136.27 MHz - RADAR

## Runways

| Ident | Width  | Length   | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 05    | 75 ft  | 2,299 ft | 51.50                   | ASPHALT | 0 ft                | 0 ft              |
|       | 23 m   | 701 m    | 48.20                   |         | 0 m                 | 0 m               |
| 23    | 75 ft  | 2,299 ft | 231.51                  | ASPHALT | 0 ft                | 0 ft              |
|       | 23 m   | 701 m    | 228.20                  |         | 0 m                 | 0 m               |
| 09    | 148 ft | 8,616 ft | 87.78                   | ASPHALT | 945 ft              | 0 ft              |
|       | 45 m   | 2,626 m  | 84.48                   |         | 288 m               | 0 m               |
| 27    | 148 ft | 8,616 ft | 267.82                  | ASPHALT | 984 ft              | 0 ft              |
|       | 45 m   | 2,626 m  | 264.51                  |         | 300 m               | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 09     | LOC-ILS | IBRE  | 110.30 MHz | 18 nm | 87.80                   | -     | 14 ft     |
|        |         |       |            | 33 km | 84.50                   |       | 14 m      |
| 27     | LOC-ILS | IBRW  | 110.90 MHz | 18 nm | 267.80                  | -     | 14 ft     |
|        |         |       |            | 33 km | 264.50                  |       | 14 m      |
| 09     | GS      | IBRE  | 110.30 MHz | 10 nm | 87.80                   | 3.00  | 14 ft     |
|        |         |       |            | 19 km | 84.50                   |       | 14 m      |
| 27     | GS      | IBRW  | 110.90 MHz | 10 nm | 267.80                  | 3.00  | 14 ft     |
|        |         |       |            | 19 km | 264.50                  |       | 14 m      |