



## Notes

Basic altitude profile:

- Ascent Rate: 1600ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 15000ft
- Cruise Speed: 325kts
- Descent Rate: 1600ft/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       |
|---------------|-----|------------|-----------|--------------|------------|
| EDDF          | -   | 50.03260   | 0 ft      | -            | Frankfurt  |
| APT           | -   | 8.54067    | 0 m       |              |            |
| MONAX         | -   | 50.52140   | 11,800 ft | 40           | -          |
| FIX           | -   | 7.82306    | 3,597 m   |              |            |
| EDDL          | -   | 51.28940   | 0 ft      | 61           | Dusseldorf |
| APT           | -   | 6.76662    | 0 m       |              |            |

## EDDF

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 4

Elevation: 362 ft / 110 m  
Location: 50.032600 8.540670  
Magnetic Var: 3.173 E

## METAR

EDDF 101450Z AUTO VRB03KT CAVOK 23/08 Q1021 NOSIG

## TAF

TAF TAF EDDF 101100Z 1012/1118 04006KT CAVOK

## Frequencies

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| REC - 118.02 MHz - ATIS ARRIVAL     | REC - 118.72 MHz - ATIS DEPARTURE     |
| GND - 121.80 MHz - GROUND           | GND - 121.65 MHz - APRON RAMP/TAXI    |
| GND - 121.70 MHz - APRON RAMP/TAXI  | GND - 121.95 MHz - APRON RAMP/TAXI    |
| GND - 121.85 MHz - APRON RAMP/TAXI  | GND - 121.75 MHz - APRON RAMP/TAXI    |
| TWR - 118.77 MHz - TOWER            | TWR - 119.90 MHz - TOWER              |
| TWR - 124.85 MHz - TOWER            | TWR - 127.32 MHz - TOWER              |
| TWR - 136.50 MHz - TOWER            | CLD - 121.90 MHz - CLEARANCE DELIVERY |
| APP - 127.27 MHz - FRANKFURT DIRECT | APP - 118.50 MHz - FRANKFURT DIRECT   |
| APP - 125.35 MHz - LANGEN RADAR     | APP - 126.55 MHz - LANGEN RADAR       |
| APP - 120.80 MHz - LANGEN RADAR     | APP - 120.15 MHz - LANGEN RADAR       |
| APP - 136.12 MHz - LANGEN RADAR     | APP - 119.02 MHz - LANGEN RADAR       |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface  | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 07L   | 148 ft | 9,194 ft  | 69.56                   | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 2,802 m   | 66.39                   |          | 0 m                 | 0 m               |
| 25R   | 148 ft | 9,194 ft  | 249.59                  | CONCRETE | 0 ft                | 0 ft              |
|       | 45 m   | 2,802 m   | 246.42                  |          | 0 m                 | 0 m               |
| 07C   | 197 ft | 13,134 ft | 69.57                   | ASPHALT  | 0 ft                | 203 ft            |
|       | 60 m   | 4,003 m   | 66.40                   |          | 0 m                 | 62 m              |
| 25C   | 197 ft | 13,134 ft | 249.61                  | ASPHALT  | 0 ft                | 935 ft            |
|       | 60 m   | 4,003 m   | 246.44                  |          | 0 m                 | 285 m             |
| 07R   | 148 ft | 13,134 ft | 69.59                   | ASPHALT  | 0 ft                | 213 ft            |
|       | 45 m   | 4,003 m   | 66.41                   |          | 0 m                 | 65 m              |
| 25L   | 148 ft | 13,134 ft | 249.63                  | ASPHALT  | 0 ft                | 1,775 ft          |
|       | 45 m   | 4,003 m   | 246.45                  |          | 0 m                 | 541 m             |
| 18    | 148 ft | 13,083 ft | 179.64                  | ASPHALT  | 0 ft                | 0 ft              |
|       | 45 m   | 3,988 m   | 176.46                  |          | 0 m                 | 0 m               |
| 36    | 148 ft | 13,083 ft | 359.64                  | ASPHALT  | 0 ft                | 121 ft            |
|       | 45 m   | 3,988 m   | 356.46                  |          | 0 m                 | 37 m              |

## Approach Nav aids

| Runway | Type | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 07L    | DME  | IFNE  | 111.75 MHz | 18 nm | -                       | -     | 357 ft    |
|        |      |       |            | 33 km | -                       |       | 357 m     |
| 25C    | DME  | IFCW  | 111.55 MHz | 18 nm | -                       | -     | 364 ft    |
|        |      |       |            | 33 km | -                       |       | 364 m     |
| 25R    | DME  | IFNW  | 111.35 MHz | 18 nm | -                       | -     | 357 ft    |
|        |      |       |            | 33 km | -                       |       | 357 m     |

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 07C    | LOC-ILS | IFCE  | 110.55 MHz | 18 nm | 69.59                   | -     | 362 ft    |
|        |         |       |            | 33 km | 66.42                   |       | 362 m     |
| 07L    | LOC-ILS | IFNE  | 111.75 MHz | 18 nm | 69.58                   | -     | 362 ft    |
|        |         |       |            | 33 km | 66.41                   |       | 362 m     |
| 07R    | LOC-ILS | IFSE  | 110.95 MHz | 18 nm | 69.61                   | -     | 362 ft    |
|        |         |       |            | 33 km | 66.44                   |       | 362 m     |
| 25C    | LOC-ILS | IFCW  | 111.55 MHz | 18 nm | 249.59                  | -     | 362 ft    |
|        |         |       |            | 33 km | 246.42                  |       | 362 m     |
| 25L    | LOC-ILS | IFSW  | 111.15 MHz | 18 nm | 249.61                  | -     | 362 ft    |
|        |         |       |            | 33 km | 246.44                  |       | 362 m     |
| 25R    | LOC-ILS | IFNW  | 111.35 MHz | 18 nm | 249.58                  | -     | 362 ft    |
|        |         |       |            | 33 km | 246.41                  |       | 362 m     |
| 07C    | GS      | IFCE  | 110.55 MHz | 10 nm | 69.59                   | 3.00  | 362 ft    |
|        |         |       |            | 19 km | 66.42                   |       | 362 m     |
| 07L    | GS      | IFNE  | 111.75 MHz | 10 nm | 69.58                   | 3.00  | 362 ft    |
|        |         |       |            | 19 km | 66.41                   |       | 362 m     |
| 07R    | GS      | IFSE  | 110.95 MHz | 10 nm | 69.61                   | 3.00  | 362 ft    |
|        |         |       |            | 19 km | 66.44                   |       | 362 m     |
| 25C    | GS      | IFCW  | 111.55 MHz | 10 nm | 249.59                  | 3.00  | 362 ft    |
|        |         |       |            | 19 km | 246.42                  |       | 362 m     |
| 25L    | GS      | IFSW  | 111.15 MHz | 10 nm | 249.61                  | 3.00  | 362 ft    |
|        |         |       |            | 19 km | 246.44                  |       | 362 m     |
| 25R    | GS      | IFNW  | 111.35 MHz | 10 nm | 249.58                  | 3.00  | 362 ft    |
|        |         |       |            | 19 km | 246.41                  |       | 362 m     |

## EDDL

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

Elevation: 145 ft / 44 m  
Location: 51.289400 6.766620  
Magnetic Var: 2.677 E

## METAR

EDDL 101450Z AUTO 34005KT 300V010 CAVOK 23/10 Q1022 NOSIG

## TAF

TAF AMD EDDL 101416Z 1014/1118 33005KT CAVOK BECMG 1015/1018 03005KT TEMPO 1021/1107 VRB03KT TEMPO 1115/1118 0501

## Frequencies

|  |                                       |
|--|---------------------------------------|
| REC - 123.77 MHz - ATIS                | CLD - 121.77 MHz - CLEARANCE DELIVERY |
| GND - 121.90 MHz - GROUND              | GND - 121.60 MHz - GROUND             |
| GND - 121.67 MHz - GROUND              | TWR - 118.30 MHz - TOWER              |
| TWR - 124.35 MHz - TOWER               | APP - 128.55 MHz - LANGEN RADAR       |
| APP - 121.35 MHz - LANGEN RADAR        | APP - 128.50 MHz - LANGEN RADAR       |
| APP - 128.65 MHz - DUSSELDORF DIRECTOR | DEP - 133.77 MHz - DEPARTURE          |

## Runways

| Ident | Width  | Length   | Bearing (true)<br>(mag) | Surface  | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|----------|-------------------------|----------|---------------------|-------------------|
| 05R   | 148 ft | 9,851 ft | 52.68                   | CONCRETE | 984 ft              | 659 ft            |
|       | 45 m   | 3,003 m  | 50.00                   |          | 300 m               | 201 m             |
| 23L   | 148 ft | 9,851 ft | 232.71                  | CONCRETE | 984 ft              | 702 ft            |
|       | 45 m   | 3,003 m  | 230.03                  |          | 300 m               | 214 m             |
| 05L   | 148 ft | 8,866 ft | 52.68                   | CONCRETE | 994 ft              | 906 ft            |
|       | 45 m   | 2,702 m  | 50.00                   |          | 303 m               | 276 m             |
| 23R   | 148 ft | 8,866 ft | 232.70                  | CONCRETE | 971 ft              | 928 ft            |
|       | 45 m   | 2,702 m  | 230.02                  |          | 296 m               | 283 m             |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 05L    | LOC-ILS | IDNE  | 110.95 MHz | 18 nm | 52.69                   | -     | 145 ft    |
|        |         |       |            | 33 km | 50.01                   |       | 145 m     |
| 05R    | LOC-ILS | IDSE  | 110.15 MHz | 18 nm | 52.70                   | -     | 145 ft    |
|        |         |       |            | 33 km | 50.02                   |       | 145 m     |
| 23L    | LOC-ILS | IDSW  | 109.90 MHz | 18 nm | 232.70                  | -     | 145 ft    |
|        |         |       |            | 33 km | 230.02                  |       | 145 m     |
| 23R    | LOC-ILS | IDNW  | 109.30 MHz | 18 nm | 232.69                  | -     | 145 ft    |
|        |         |       |            | 33 km | 230.01                  |       | 145 m     |
| 05L    | GS      | IDNE  | 110.95 MHz | 10 nm | 52.69                   | 3.00  | 145 ft    |
|        |         |       |            | 19 km | 50.01                   |       | 145 m     |
| 05R    | GS      | IDSE  | 110.15 MHz | 10 nm | 52.70                   | 3.00  | 145 ft    |
|        |         |       |            | 19 km | 50.02                   |       | 145 m     |
| 23L    | GS      | IDSW  | 109.90 MHz | 10 nm | 232.70                  | 3.00  | 145 ft    |
|        |         |       |            | 19 km | 230.02                  |       | 145 m     |
| 23R    | GS      | IDNW  | 109.30 MHz | 10 nm | 232.69                  | 3.00  | 145 ft    |
|        |         |       |            | 19 km | 230.01                  |       | 145 m     |