

# EDDM

Muenchen Franz-Josef Strauss

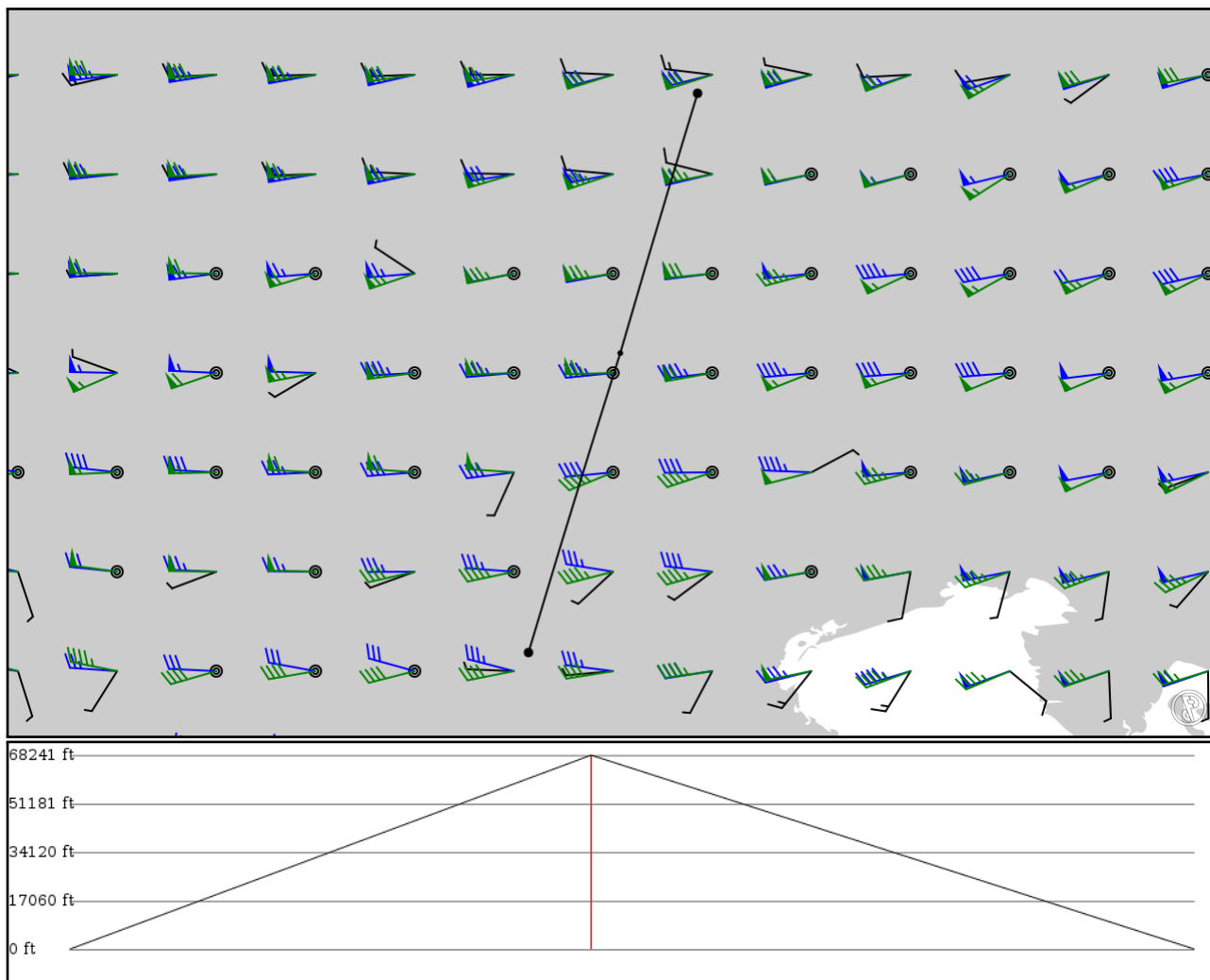
# LIPX

VILLAFRANCA

2024/05/09 1743Z

EDDM BRENO LIPX

181.35 nm / 335.86 km



## Notes

Basic altitude profile:

- Ascent Rate: 3000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 15000ft
- Cruise Speed: 320kts
- Descent Rate: 2000ft/min
- Descent Speed: 200kts

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)        |                     |
| EDDM  | - | 48.35379 | 0 ft      | -   | Muenchen    | Franz-Josef Strauss |
| APT   | - | 11.78612 | 0 m       |     |             |                     |
| BRENO | - | 46.98000 | 20,800 ft | 84  | -           |                     |
| FIX   | - | 11.37667 | 6,340 m   |     |             |                     |
| LIPX  | - | 45.39694 | 0 ft      | 97  | VILLAFRANCA |                     |
| APT   | - | 10.89042 | 0 m       |     |             |                     |

## EDDM

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

Elevation: 1,484 ft / 452 m  
Location: 48.353800 11.786100  
Magnetic Var: 3.940 E

## METAR

EDDM 091720Z AUTO 04003KT CAVOK 17/07 Q1023 NOSIG

## TAF

TAF EDDM 091100Z 0912/1018 04007KT 9999 SCT030 OVC045 BECMG 0919/0920 VRB02KT TEMPO 1002/1007 2000 BCFG PROB30 TEM

## 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   | 79.45                   |          | 0 m                 | 0 m               |
| 26R   | 197 ft | 13,135 ft | 263.43                  | CONCRETE | 0 ft                | 0 ft              |
|       | 60 m   | 4,004 m   | 259.49                  |          | 0 m                 | 0 m               |
| 08R   | 197 ft | 13,135 ft | 83.37                   | CONCRETE | 0 ft                | 0 ft              |
|       | 60 m   | 4,004 m   | 79.43                   |          | 0 m                 | 0 m               |
| 26L   | 197 ft | 13,135 ft | 263.41                  | CONCRETE | 0 ft                | 0 ft              |
|       | 60 m   | 4,004 m   | 259.47                  |          | 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 | 79.47                   |       | 1,484 m   |
| 08R    | LOC-ILS | IMSE  | 109.30 MHz | 18 nm | 83.39                   | -     | 1,484 ft  |
|        |         |       |            | 33 km | 79.45                   |       | 1,484 m   |
| 26L    | LOC-ILS | IMSW  | 108.30 MHz | 18 nm | 263.39                  | -     | 1,484 ft  |
|        |         |       |            | 33 km | 259.45                  |       | 1,484 m   |
| 26R    | LOC-ILS | IMNW  | 108.70 MHz | 18 nm | 263.41                  | -     | 1,484 ft  |
|        |         |       |            | 33 km | 259.47                  |       | 1,484 m   |
| 08L    | GS      | IMNE  | 109.50 MHz | 10 nm | 83.41                   | 3.00  | 1,484 ft  |
|        |         |       |            | 19 km | 79.47                   |       | 1,484 m   |
| 08R    | GS      | IMSE  | 109.30 MHz | 10 nm | 83.39                   | 3.00  | 1,484 ft  |
|        |         |       |            | 19 km | 79.45                   |       | 1,484 m   |
| 26L    | GS      | IMSW  | 108.30 MHz | 10 nm | 263.39                  | 3.00  | 1,484 ft  |
|        |         |       |            | 19 km | 259.45                  |       | 1,484 m   |
| 26R    | GS      | IMNW  | 108.70 MHz | 10 nm | 263.41                  | 3.00  | 1,484 ft  |
|        |         |       |            | 19 km | 259.47                  |       | 1,484 m   |

## LIPX

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 1

Elevation: 236 ft / 72 m  
Location: 45.397000 10.890300  
Magnetic Var: 3.590 E

## METAR

LIPX 091720Z 17003KT 140V210 9999 FEW060 22/11 Q1018

## TAF

TAF LIPX 091100Z 0912/1012 VRB05KT 9999 FEW030 TEMPO 0922/1002 RA

## Frequencies

GND - 121.75 MHz - VILLAFRANCA GROUND  
REC - 123.25 MHz - ATIS  
APP - 118.55 MHz - GARDA APPROACH  
TWR - 118.65 MHz - VILLAFRANCA TOWER  
APP - 124.25 MHz - GARDA APPROACH  
APP - 135.90 MHz - GARDA APPROACH

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 04    | 148 ft | 10,074 ft | 45.59                   | ASPHALT | 194 ft              | 797 ft            |
|       | 45 m   | 3,071 m   | 42.00                   |         | 59 m                | 243 m             |
| 22    | 148 ft | 10,074 ft | 225.61                  | ASPHALT | 1,339 ft            | 184 ft            |
|       | 45 m   | 3,071 m   | 222.02                  |         | 408 m               | 56 m              |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 04     | DME     | IVF   | 110.10 MHz | 18 nm | -                       | -     | 248 ft    |
|        |         |       |            | 33 km | -                       |       | 248 m     |
| 04     | LOC-ILS | IVF   | 110.10 MHz | 18 nm | 45.62                   | -     | 237 ft    |
|        |         |       |            | 33 km | 42.03                   |       | 237 m     |
| 04     | GS      | IVF   | 110.10 MHz | 10 nm | 45.62                   | 3.00  | 237 ft    |
|        |         |       |            | 19 km | 42.03                   |       | 237 m     |