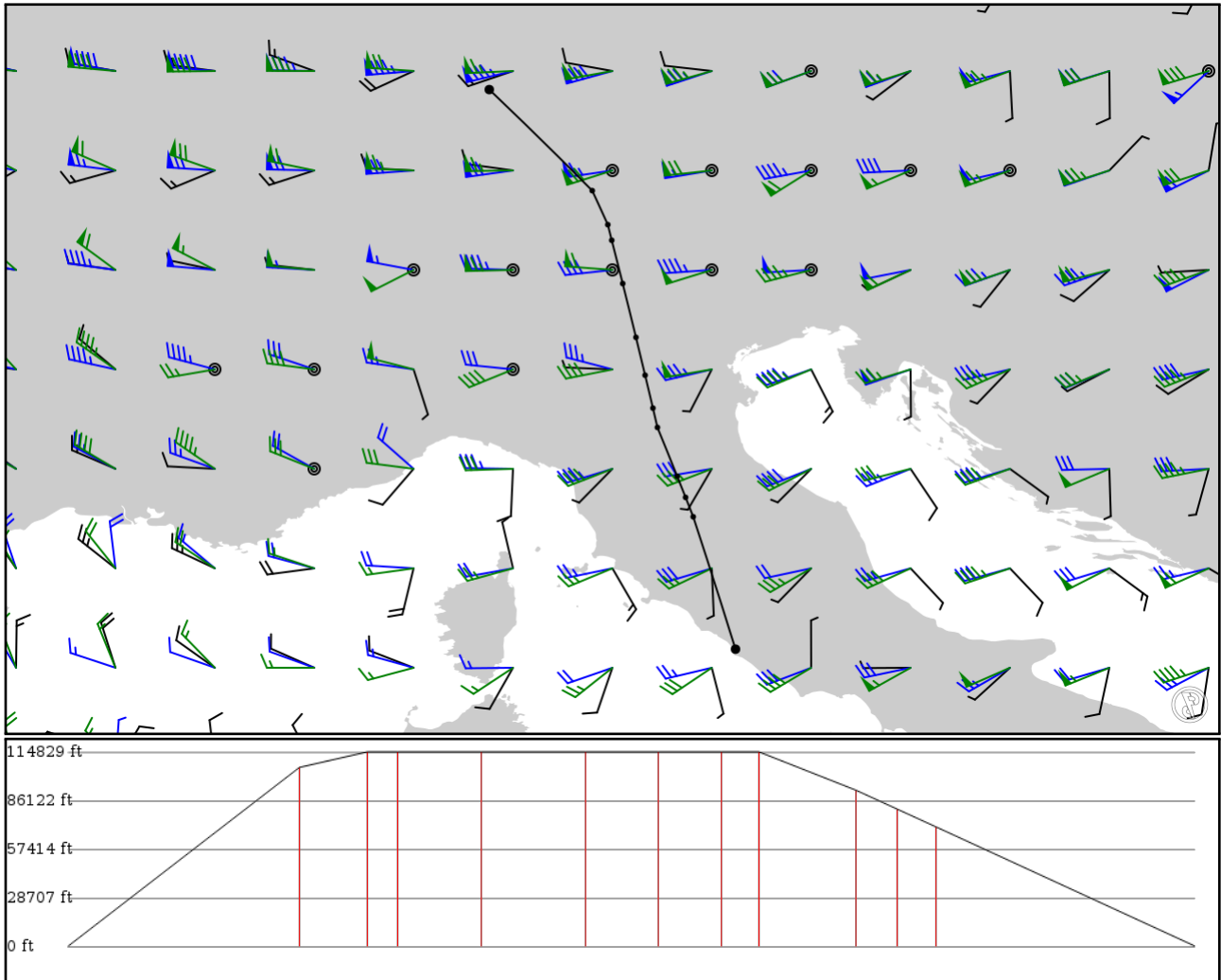


2024/06/07 0522Z

EDDS ALGOI **UM738** VALEN **UZ805** IXUSI LIRF

437.51 nm / 810.28 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 25000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: no
- Use PACOTS: no
- Use low airways: no
- Use high airways: yes



## Route

| Ident<br>Type | Via    | Lat<br>Lon | Alt       | Dist<br>(nm) | Name                             |
|---------------|--------|------------|-----------|--------------|----------------------------------|
| EDDS          | -      | 48.68988   | 0 ft      | -            | Stuttgart                        |
| APT           | -      | 9.22196    | 0 m       |              |                                  |
| ALGOI         | -      | 47.44743   | 32,200 ft | 90           | -                                |
| FIX           | -      | 10.48867   | 9,815 m   |              |                                  |
| PITAR         | UM738  | 47.02917   | 35,000 ft | 26           | -                                |
| FIX           | AWY-HI | 10.68056   | 10,668 m  |              |                                  |
| GIMOS         | UM738  | 46.83711   | 35,000 ft | 11           | -                                |
| FIX           | AWY-HI | 10.72836   | 10,668 m  |              |                                  |
| RENTA         | UM738  | 46.30556   | 35,000 ft | 32           | -                                |
| FIX           | AWY-HI | 10.86361   | 10,668 m  |              |                                  |
| ADOSA         | UM738  | 45.64444   | 35,000 ft | 40           | -                                |
| FIX           | AWY-HI | 11.02639   | 10,668 m  |              |                                  |
| OSTEG         | UM738  | 45.17861   | 35,000 ft | 28           | -                                |
| FIX           | AWY-HI | 11.13889   | 10,668 m  |              |                                  |
| KREVA         | UM738  | 44.77444   | 35,000 ft | 24           | -                                |
| FIX           | AWY-HI | 11.23500   | 10,668 m  |              |                                  |
| BOA           | UM738  | 44.53694   | 35,000 ft | 14           | BOLOGNA VOR-DME                  |
| VOR           | AWY-HI | 11.29055   | 10,668 m  |              |                                  |
| VALEN         | UM738  | 43.93722   | 28,100 ft | 37           | -                                |
| FIX           | AWY-HI | 11.53306   | 8,565 m   |              |                                  |
| BUKIN         | UZ805  | 43.67694   | 24,700 ft | 16           | -                                |
| FIX           | AWY-HI | 11.63667   | 7,529 m   |              |                                  |
| IXUSI         | UZ805  | 43.43861   | 21,500 ft | 14           | -                                |
| FIX           | AWY-HI | 11.73083   | 6,553 m   |              |                                  |
| LIRF          | -      | 41.81081   | 0 ft      | 100          | Roma Fiumicino Leonardo Da Vinci |
| APT           | -      | 12.25090   | 0 m       |              |                                  |

## EDDS

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 1

Elevation: 1,271 ft / 387 m  
Location: 48.689800 9.221970  
Magnetic Var: 3.332 E

## METAR

EDDS 070450Z AUTO 31003KT 270V350 9999 SCT041 13/10 Q1018 NOSIG

## TAF

TAF TAF EDDS 062300Z 0700/0724 VRB03KT 9999 SCT040 BECMG 0709/0711 31008KT BECMG 0720/0722 VRB03KT

## Frequencies

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| REC - 126.13 MHz - STUTTGART ATIS     | COM - 122.80 MHz - STUTTGART UNICOM |
| CLD - 121.90 MHz - STUTTGART DELIVERY | GND - 118.60 MHz - STUTTGART GROUND |
| TWR - 118.80 MHz - STUTTGART TOWER    | TWR - 119.05 MHz - STUTTGART TOWER  |
| APP - 119.85 MHz - STUTTGART DIRECTOR | APP - 119.20 MHz - LANGEN RADAR     |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface  | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 07    | 148 ft | 10,985 ft | 74.04                   | CONCRETE | 997 ft              | 138 ft            |
|       | 45 m   | 3,348 m   | 70.70                   |          | 304 m               | 42 m              |
| 25    | 148 ft | 10,985 ft | 254.07                  | CONCRETE | 0 ft                | 144 ft            |
|       | 45 m   | 3,348 m   | 250.74                  |          | 0 m                 | 44 m              |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 07     | DME     | ISTE  | 115.45 MHz | 18 nm | -                       | -     | 1,332 ft  |
|        |         |       |            | 33 km | -                       |       | 1,332 m   |
| 25     | DME     | ISTW  | 115.45 MHz | 18 nm | -                       | -     | 1,332 ft  |
|        |         |       |            | 33 km | -                       |       | 1,332 m   |
| 07     | LOC-ILS | ISTE  | 109.50 MHz | 18 nm | 74.05                   | -     | 1,271 ft  |
|        |         |       |            | 33 km | 70.72                   |       | 1,271 m   |
| 25     | LOC-ILS | ISTW  | 109.90 MHz | 18 nm | 254.05                  | -     | 1,271 ft  |
|        |         |       |            | 33 km | 250.72                  |       | 1,271 m   |
| 07     | GS      | ISTE  | 109.50 MHz | 10 nm | 74.05                   | 3.00  | 1,271 ft  |
|        |         |       |            | 19 km | 70.72                   |       | 1,271 m   |
| 25     | GS      | ISTW  | 109.90 MHz | 10 nm | 254.05                  | 3.00  | 1,271 ft  |
|        |         |       |            | 19 km | 250.72                  |       | 1,271 m   |

## LIRF

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 3

Elevation: 13 ft / 4 m  
Location: 41.810800 12.250900  
Magnetic Var: 3.673 E

## METAR

LIRF 070450Z AUTO 36002KT 9999 NCD 17/15 Q1018

## TAF

TAF LIRF 062300Z 0700/0806 02006KT CAVOK BECMG 0708/0710 30013KT BECMG 0718/0720 VRB05KT

## Frequencies

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| REC - 120.17 MHz - ATIS ARRIVAL   | REC - 126.12 MHz - ATIS ARRIVAL       |
| REC - 121.85 MHz - ATIS DEPARTURE | CLD - 121.80 MHz - CLEARANCE DELIVERY |
| GND - 121.72 MHz - FIUME APRON    | GND - 121.67 MHz - FIUME GROUND       |
| GND - 121.90 MHz - FIUME GROUND   | GND - 122.12 MHz - FIUME GROUND       |
| TWR - 127.62 MHz - FIUME TOWER    | TWR - 123.72 MHz - FIUME TOWER        |
| TWR - 118.70 MHz - FIUME TOWER    | DEP - 130.90 MHz - ROMA DEPARTURE     |
| DEP - 131.10 MHz - ROMA DEPARTURE | APP - 127.95 MHz - ROMA ARRIVAL       |
| APP - 125.50 MHz - ROMA ARRIVAL   | APP - 119.20 MHz - ROMA DIRECT        |
| APP - 131.25 MHz - ROMA DIRECT    |                                       |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 07    | 148 ft | 10,859 ft | 69.68                   | ASPHALT | 1,348 ft            | 0 ft              |
|       | 45 m   | 3,310 m   | 66.01                   |         | 411 m               | 0 m               |
| 25    | 148 ft | 10,859 ft | 249.71                  | ASPHALT | 0 ft                | 0 ft              |
|       | 45 m   | 3,310 m   | 246.03                  |         | 0 m                 | 0 m               |
| 16R   | 197 ft | 12,814 ft | 162.66                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,906 m   | 158.99                  |         | 0 m                 | 0 m               |
| 34L   | 197 ft | 12,814 ft | 342.67                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,906 m   | 339.00                  |         | 0 m                 | 0 m               |
| 16L   | 197 ft | 12,814 ft | 162.68                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,906 m   | 159.01                  |         | 0 m                 | 0 m               |
| 34R   | 197 ft | 12,814 ft | 342.69                  | ASPHALT | 0 ft                | 0 ft              |
|       | 60 m   | 3,906 m   | 339.02                  |         | 0 m                 | 0 m               |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 25     | DME     | FEE   | 110.15 MHz | 25 nm | -                       | -     | 25 ft     |
|        |         |       |            | 46 km | -                       |       | 25 m      |
| 34L    | DME     | ISW   | 108.90 MHz | 25 nm | -                       | -     | 15 ft     |
|        |         |       |            | 46 km | -                       |       | 15 m      |
| 34R    | DME     | FSS   | 111.55 MHz | 25 nm | -                       | -     | 15 ft     |
|        |         |       |            | 46 km | -                       |       | 15 m      |
| 16L    | LOC-ILS | IFLL  | 108.10 MHz | 18 nm | 162.69                  | -     | 13 ft     |
|        |         |       |            | 33 km | 159.02                  |       | 13 m      |
| 16R    | LOC-ILS | IFRR  | 109.75 MHz | 18 nm | 162.67                  | -     | 13 ft     |
|        |         |       |            | 33 km | 159.00                  |       | 13 m      |
| 25     | LOC-ILS | FEE   | 110.15 MHz | 18 nm | 249.69                  | -     | 13 ft     |
|        |         |       |            | 33 km | 246.02                  |       | 13 m      |

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 34L    | LOC-ILS | IFSW  | 108.90 MHz | 18 nm | 342.67                  | -     | 13 ft     |
|        |         |       |            | 33 km | 339.00                  |       | 13 m      |
| 34R    | LOC-ILS | FSS   | 111.55 MHz | 18 nm | 342.69                  | -     | 13 ft     |
|        |         |       |            | 33 km | 339.02                  |       | 13 m      |
| 16L    | GS      | IFLL  | 108.10 MHz | 10 nm | 162.69                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 159.02                  |       | 13 m      |
| 16R    | GS      | IFRR  | 109.75 MHz | 10 nm | 162.67                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 159.00                  |       | 13 m      |
| 25     | GS      | FEE   | 110.15 MHz | 10 nm | 249.69                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 246.02                  |       | 13 m      |
| 34L    | GS      | IFSW  | 108.90 MHz | 10 nm | 342.67                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 339.00                  |       | 13 m      |
| 34R    | GS      | FSS   | 111.55 MHz | 10 nm | 342.69                  | 3.00  | 13 ft     |
|        |         |       |            | 19 km | 339.02                  |       | 13 m      |