

EDDF

Frankfurt am Main

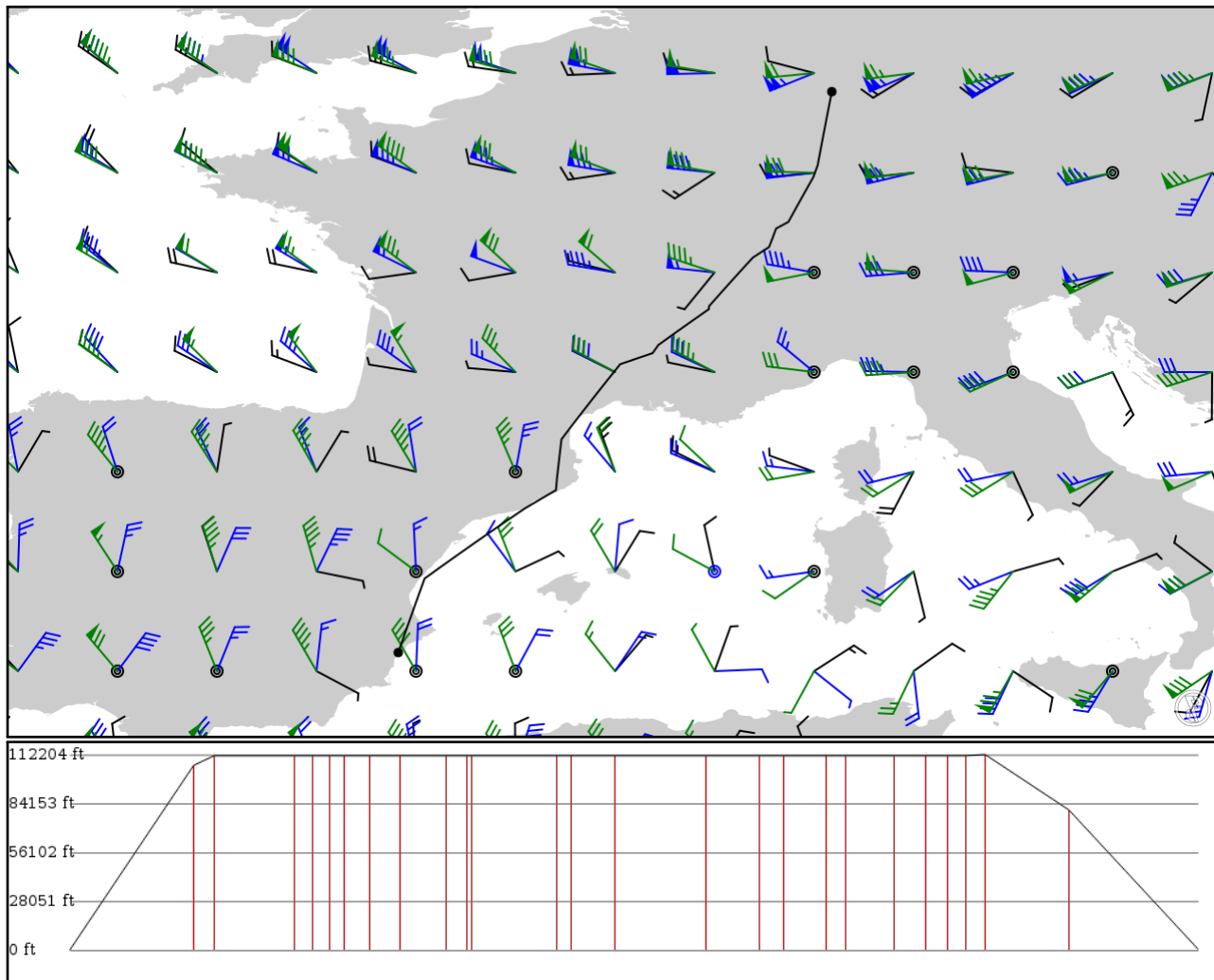
LEAL

Alicante

2024/05/08 0836Z

EDDF HERBI Y164 OLBEN UN869 LUTIX ULMES FRI Z61 SOSAL UT45 RISOR UN852 BALSI UY16 MTL UZ38 PPG
UP84 LANDA UN975 BCN UM985 SOPET LEAL

846.14 nm / 1567.06 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: no
- Use low airways: no

- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|------------------------------|
| EDDF | - | 50.03260 | 0 ft | - | Frankfurt am Main |
| APT | - | 8.54064 | 0 m | | |
| HERBI | - | 48.49083 | 32,300 ft | 93 | - |
| FIX | - | 8.24361 | 9,845 m | | |
| MOPAN | Y164 | 48.24639 | 34,000 ft | 15 | - |
| FIX | AWY-HI | 8.15444 | 10,363 m | | |
| OLBEN | Y164 | 47.30444 | 34,000 ft | 60 | - |
| FIX | AWY-HI | 7.62944 | 10,363 m | | |
| LUTIX | UN869 | 47.16500 | 34,000 ft | 13 | - |
| FIX | AWY-HI | 7.37056 | 10,363 m | | |
| ULMES | - | 46.95500 | 34,000 ft | 13 | - |
| FIX | - | 7.29250 | 10,363 m | | |
| FRI | - | 46.77758 | 34,000 ft | 11 | FRIBOURG VOR-DME |
| VOR | - | 7.22350 | 10,363 m | | |
| SOSAL | Z61 | 46.55806 | 34,000 ft | 19 | - |
| FIX | AWY-HI | 6.88444 | 10,363 m | | |
| VENAT | UT45 | 46.24417 | 34,000 ft | 22 | - |
| FIX | AWY-HI | 6.59667 | 10,363 m | | |
| ASLEG | UT45 | 45.75250 | 34,000 ft | 34 | - |
| FIX | AWY-HI | 6.15417 | 10,363 m | | |
| RISOR | UT45 | 45.53833 | 34,000 ft | 15 | - |
| FIX | AWY-HI | 5.96417 | 10,363 m | | |
| BALSI | UN852 | 45.47750 | 34,000 ft | 3 | - |
| FIX | AWY-HI | 5.96083 | 10,363 m | | |
| KURIR | UY16 | 44.72556 | 34,000 ft | 63 | - |
| FIX | AWY-HI | 4.90028 | 10,363 m | | |
| MTL | UY16 | 44.55494 | 34,000 ft | 11 | MONTELMAR ANCONE VOR-DME |
| VOR | AWY-HI | 4.77986 | 10,363 m | | |
| NAKIS | UZ38 | 44.32258 | 34,000 ft | 32 | - |
| FIX | AWY-HI | 4.09808 | 10,363 m | | |
| BOLSA | UZ38 | 43.33408 | 34,000 ft | 68 | - |
| FIX | AWY-HI | 3.31508 | 10,363 m | | |
| PPG | UZ38 | 42.75047 | 34,000 ft | 40 | PERPIGNAN RIVESALTES VOR-DME |
| VOR | AWY-HI | 2.86714 | 10,363 m | | |
| ALBER | UP84 | 42.45148 | 34,000 ft | 18 | - |
| FIX | AWY-HI | 2.83212 | 10,363 m | | |
| GIR | UP84 | 41.93118 | 34,000 ft | 31 | GERONA VOR-DME |
| VOR | AWY-HI | 2.77197 | 10,363 m | | |
| LANDA | UP84 | 41.68433 | 34,000 ft | 14 | - |
| FIX | AWY-HI | 2.75133 | 10,363 m | | |
| BCN | UN975 | 41.30712 | 34,000 ft | 36 | BARCELONA VOR-DME |
| VOR | AWY-HI | 2.10781 | 10,363 m | | |
| BARUS | UM985 | 41.05147 | 34,000 ft | 22 | - |
| FIX | AWY-HI | 1.73040 | 10,363 m | | |
| PEXOT | UM985 | 40.86077 | 34,000 ft | 17 | - |
| FIX | AWY-HI | 1.45195 | 10,363 m | | |
| EBROX | UM985 | 40.70873 | 34,000 ft | 13 | - |
| FIX | AWY-HI | 1.23178 | 10,363 m | | |
| LOTOS | UM985 | 40.54969 | 34,200 ft | 14 | - |
| FIX | AWY-HI | 1.00298 | 10,424 m | | |
| SOPET | UM985 | 39.83384 | 24,500 ft | 63 | - |
| FIX | AWY-HI | -0.00468 | 7,468 m | | |
| LEAL | - | 38.28217 | 0 ft | 96 | Alicante |
| APT | - | -0.55816 | 0 m | | |

EDDF

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

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.172 E

METAR

EDDF 080820Z AUTO 04009KT 360V070 9999 FEW036 15/08 Q1024 NOSIG

TAF

TAF EDDF 080500Z 0806/0912 02009KT CAVOK BECMG 0815/0817 04004KT

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) (mag) | Surface | Threshold Offset | Overrun 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 | 176.47 | | 0 m | 0 m |
| 36 | 148 ft | 13,083 ft | 359.64 | ASPHALT | 0 ft | 121 ft |
| | 45 m | 3,988 m | 356.47 | | 0 m | 37 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (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) (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 |

LEAL

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 1

Elevation: 142 ft / 43 m
Location: 38.282200 -0.558114
Magnetic Var: 0.886 E

METAR

LEAL 080800Z VRB01KT CAVOK 19/11 Q1021 NOSIG

TAF

TAF TAF LEAL 080500Z 0806/0906 VRB04KT 9999 FEW050 TX22/0813Z TN11/0806Z BECMG 0809/0811 10010KT BECMG 0819/0821

Frequencies

| | |
|---------------------------------------|--------------------------------------|
| REC - 120.05 MHz - ATIS | TWR - 118.15 MHz - ALICANTE TOWER |
| TWR - 125.15 MHz - ALICANTE TOWER | GND - 130.65 MHz - ALICANTE GROUND |
| CLD - 119.85 MHz - CLEARANCE DELIVERY | APP - 119.07 MHz - VALENCIA APPROACH |
| APP - 120.40 MHz - VALENCIA APPROACH | APP - 118.80 MHz - VALENCIA APPROACH |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 10 | 148 ft | 9,828 ft | 100.08 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 2,996 m | 99.19 | | 0 m | 0 m |
| 28 | 148 ft | 9,828 ft | 280.10 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 2,996 m | 279.21 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 10 | DME | IAT | 110.30 MHz | 18 nm | - | - | 129 ft |
| | | | | 33 km | - | | 129 m |
| 10 | LOC-ILS | IAT | 110.30 MHz | 18 nm | 100.09 | - | 29 ft |
| | | | | 33 km | 99.21 | | 29 m |
| 10 | GS | IAT | 110.30 MHz | 10 nm | 100.19 | 3.00 | 129 ft |
| | | | | 19 km | 99.30 | | 129 m |