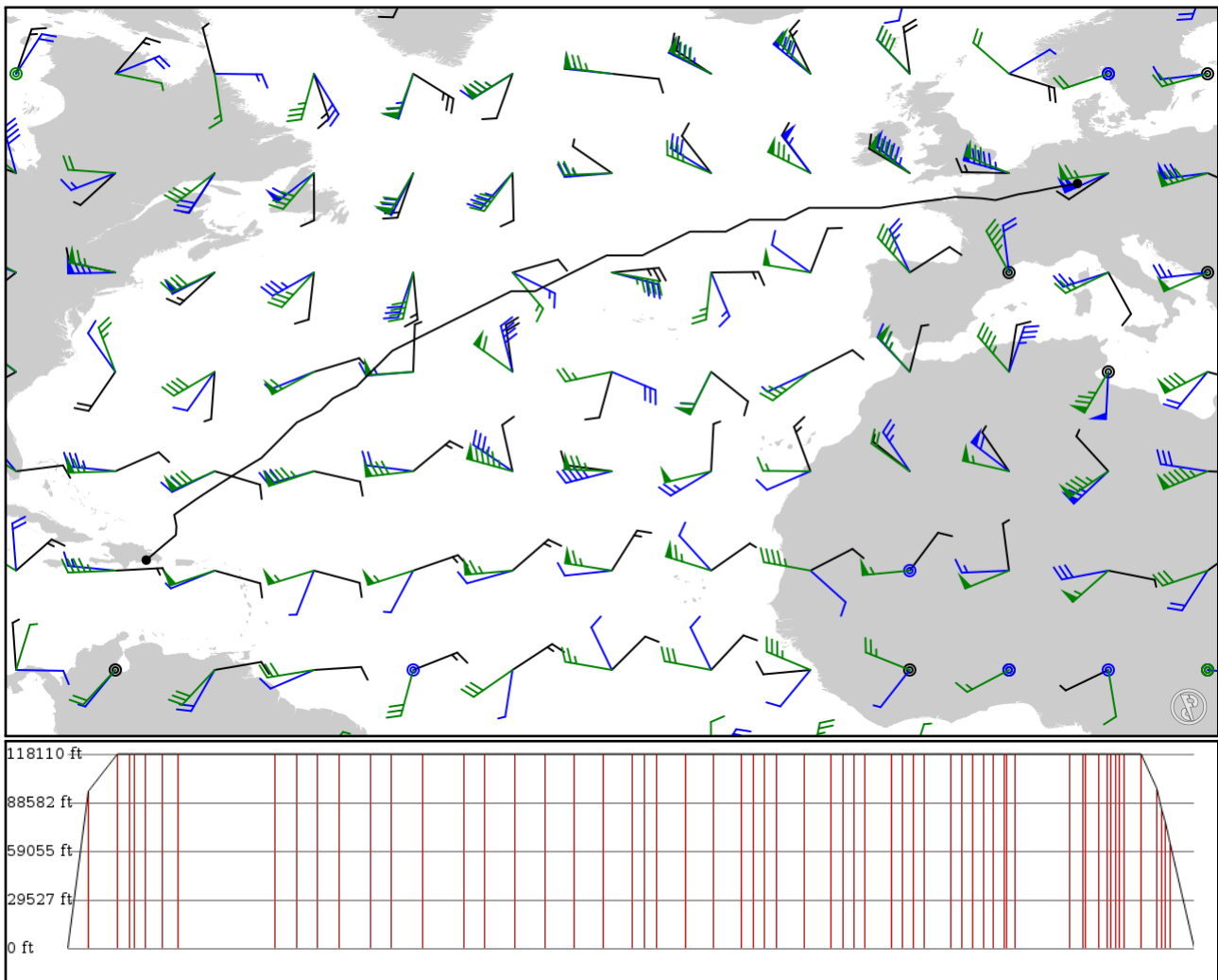


2024/05/05 0453Z

MDSD BETIR **M597** JANMA **L455** MACOR **M596** SIFEN 2800N05900W 2900N05800W 3000N05700W 3100N05500W
3200N05400W 3300N05200W 3500N05000W 3600N04900W 3700N04700W 3800N04500W 3900N04300W 4000N04100W
4100N03900W 4100N03800W 4100N03700W 4200N03500W 4300N03300W 4400N03100W 4400N03000W 4400N02900W
4400N02800W 4500N02600W 4600N02400W 4600N02300W 4600N02200W 4600N02100W 4700N01900W 4700N01800W
4700N01700W 4700N01600W 4800N01400W 4800N01300W 4800N01200W 4800N01100W 4800N01000W 4800N0900W
ETIKI **UN480** REGHI **UN585** UPALO **UN491** TABOV **UL976** TSU **UM163** MMD **Z110** LIMGO EDDF

4245.51 nm / 7862.68 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 36000ft
- 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 Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|-------------------|
| MDS | - | 18.42960 | 0 ft | - | Las Americas Intl |
| APT | - | -69.66890 | 0 m | | |
| BETIR | - | 19.34310 | 29,100 ft | 81 | - |
| FIX | - | -68.60430 | 8,870 m | | |
| JANMA | M597 | 20.53930 | 36,000 ft | 107 | - |
| FIX | AWY-HI | -67.17740 | 10,973 m | | |
| LENNT | L455 | 21.26720 | 36,000 ft | 43 | - |
| FIX | AWY-HI | -67.13230 | 10,973 m | | |
| KINCH | L455 | 21.62150 | 36,000 ft | 21 | - |
| FIX | AWY-HI | -67.19780 | 10,973 m | | |
| MACOR | L455 | 22.22990 | 36,000 ft | 37 | - |
| FIX | AWY-HI | -67.32140 | 10,973 m | | |
| PRCHA | M596 | 22.92450 | 36,000 ft | 68 | - |
| FIX | AWY-HI | -66.35290 | 10,973 m | | |
| NUBUS | M596 | 23.50000 | 36,000 ft | 56 | - |
| FIX | AWY-HI | -65.53660 | 10,973 m | | |
| SIFEN | M596 | 27.00000 | 36,000 ft | 366 | - |
| FIX | AWY-HI | -60.00000 | 10,973 m | | |
| 2800N05900W | - | 28.00000 | 36,000 ft | 80 | - |
| LATLON | - | -59.00000 | 10,973 m | | |
| 2900N05800W | - | 29.00000 | 36,000 ft | 79 | - |
| LATLON | - | -58.00000 | 10,973 m | | |
| 3000N05700W | - | 30.00000 | 36,000 ft | 79 | - |
| LATLON | - | -57.00000 | 10,973 m | | |
| 3100N05500W | - | 31.00000 | 36,000 ft | 119 | - |
| LATLON | - | -55.00000 | 10,973 m | | |
| 3200N05400W | - | 32.00000 | 36,000 ft | 78 | - |
| LATLON | - | -54.00000 | 10,973 m | | |
| 3300N05200W | - | 33.00000 | 36,000 ft | 117 | - |
| LATLON | - | -52.00000 | 10,973 m | | |
| 3500N05000W | - | 35.00000 | 36,000 ft | 156 | - |
| LATLON | - | -50.00000 | 10,973 m | | |
| 3600N04900W | - | 36.00000 | 36,000 ft | 77 | - |
| LATLON | - | -49.00000 | 10,973 m | | |
| 3700N04700W | - | 37.00000 | 36,000 ft | 113 | - |
| LATLON | - | -47.00000 | 10,973 m | | |
| 3800N04500W | - | 38.00000 | 36,000 ft | 112 | - |
| LATLON | - | -45.00000 | 10,973 m | | |
| 3900N04300W | - | 39.00000 | 36,000 ft | 111 | - |
| LATLON | - | -43.00000 | 10,973 m | | |
| 4000N04100W | - | 40.00000 | 36,000 ft | 110 | - |
| LATLON | - | -41.00000 | 10,973 m | | |
| 4100N03900W | - | 41.00000 | 36,000 ft | 109 | - |
| LATLON | - | -39.00000 | 10,973 m | | |
| 4100N03800W | - | 41.00000 | 36,000 ft | 45 | - |
| LATLON | - | -38.00000 | 10,973 m | | |
| 4100N03700W | - | 41.00000 | 36,000 ft | 45 | - |
| LATLON | - | -37.00000 | 10,973 m | | |
| 4200N03500W | - | 42.00000 | 36,000 ft | 108 | - |
| LATLON | - | -35.00000 | 10,973 m | | |
| 4300N03300W | - | 43.00000 | 36,000 ft | 106 | - |
| LATLON | - | -33.00000 | 10,973 m | | |
| 4400N03100W | - | 44.00000 | 36,000 ft | 105 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|---------|
| LATLON | - | -31.00000 | 10,973 m | | |
| 4400N03000W | - | 44.00000 | 36,000 ft | 43 | - |
| LATLON | - | -30.00000 | 10,973 m | | |
| 4400N02900W | - | 44.00000 | 36,000 ft | 43 | - |
| LATLON | - | -29.00000 | 10,973 m | | |
| 4400N02800W | - | 44.00000 | 36,000 ft | 43 | - |
| LATLON | - | -28.00000 | 10,973 m | | |
| 4500N02600W | - | 45.00000 | 36,000 ft | 104 | - |
| LATLON | - | -26.00000 | 10,973 m | | |
| 4600N02400W | - | 46.00000 | 36,000 ft | 103 | - |
| LATLON | - | -24.00000 | 10,973 m | | |
| 4600N02300W | - | 46.00000 | 36,000 ft | 41 | - |
| LATLON | - | -23.00000 | 10,973 m | | |
| 4600N02200W | - | 46.00000 | 36,000 ft | 41 | - |
| LATLON | - | -22.00000 | 10,973 m | | |
| 4600N02100W | - | 46.00000 | 36,000 ft | 41 | - |
| LATLON | - | -21.00000 | 10,973 m | | |
| 4700N01900W | - | 47.00000 | 36,000 ft | 102 | - |
| LATLON | - | -19.00000 | 10,973 m | | |
| 4700N01800W | - | 47.00000 | 36,000 ft | 40 | - |
| LATLON | - | -18.00000 | 10,973 m | | |
| 4700N01700W | - | 47.00000 | 36,000 ft | 40 | - |
| LATLON | - | -17.00000 | 10,973 m | | |
| 4700N01600W | - | 47.00000 | 36,000 ft | 40 | - |
| LATLON | - | -16.00000 | 10,973 m | | |
| 4800N01400W | - | 48.00000 | 36,000 ft | 100 | - |
| LATLON | - | -14.00000 | 10,973 m | | |
| 4800N01300W | - | 48.00000 | 36,000 ft | 40 | - |
| LATLON | - | -13.00000 | 10,973 m | | |
| 4800N01200W | - | 48.00000 | 36,000 ft | 40 | - |
| LATLON | - | -12.00000 | 10,973 m | | |
| 4800N01100W | - | 48.00000 | 36,000 ft | 40 | - |
| LATLON | - | -11.00000 | 10,973 m | | |
| 4800N01000W | - | 48.00000 | 36,000 ft | 40 | - |
| LATLON | - | -10.00000 | 10,973 m | | |
| 4800N0900W | - | 48.00000 | 36,000 ft | 40 | - |
| LATLON | - | -9.00000 | 10,973 m | | |
| ETIKI | - | 48.00000 | 36,000 ft | 10 | - |
| FIX | - | -8.75000 | 10,973 m | | |
| REGHI | UN480 | 48.00000 | 36,000 ft | 30 | - |
| FIX | AWY-HI | -8.00000 | 10,973 m | | |
| BADUR | UN585 | 48.71080 | 36,000 ft | 205 | - |
| FIX | AWY-HI | -2.95111 | 10,973 m | | |
| UPALO | UN585 | 48.91030 | 36,000 ft | 48 | - |
| FIX | AWY-HI | -1.75194 | 10,973 m | | |
| EKRAS | UN491 | 48.89940 | 36,000 ft | 9 | - |
| FIX | AWY-HI | -1.49917 | 10,973 m | | |
| GALBO | UN491 | 48.83810 | 36,000 ft | 49 | - |
| FIX | AWY-HI | -0.25000 | 10,973 m | | |
| LGL | UN491 | 48.79060 | 36,000 ft | 30 | L'AIGLE |
| VOR | AWY-HI | 0.53028 | 10,973 m | | |
| DITAL | UN491 | 48.74470 | 36,000 ft | 14 | - |
| FIX | AWY-HI | 0.88917 | 10,973 m | | |
| PIGOP | UN491 | 48.68580 | 36,000 ft | 18 | - |
| FIX | AWY-HI | 1.33889 | 10,973 m | | |
| TABOV | UN491 | 48.64420 | 36,000 ft | 12 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|---------------------|
| FIX | AWY-HI | 1.64889 | 10,973 m | | |
| TSU | UL976 | 48.75370 | 36,000 ft | 19 | TOUSSUS LE NOBLE |
| VOR | AWY-HI | 2.10236 | 10,973 m | | |
| CTL | UM163 | 49.13770 | 36,000 ft | 62 | CHATILLON SUR MARNE |
| VOR | AWY-HI | 3.57769 | 10,973 m | | |
| MMD | UM163 | 49.39130 | 29,600 ft | 62 | MONTMEDY |
| VOR | AWY-HI | 5.12442 | 9,022 m | | |
| VAVOT | Z110 | 49.48690 | 25,700 ft | 18 | - |
| FIX | AWY-LO | 5.56667 | 7,833 m | | |
| FIR63 | Z110 | 49.54310 | 23,400 ft | 10 | - |
| FIX | AWY-LO | 5.82417 | 7,132 m | | |
| LIMGO | Z110 | 49.63720 | 19,400 ft | 18 | - |
| FIX | AWY-LO | 6.28167 | 5,913 m | | |
| EDDF | - | 50.03260 | 0 ft | 90 | Frankfurt |
| APT | - | 8.54067 | 0 m | | |

MDSD

Region: DOMINICAN REPUBLIC
Timezone: AMERICA/SANTO_DOMINGO
Runways: 1

Elevation: 59 ft / 18 m
Location: 18.429600 -69.668900
Magnetic Var: 11.988 W

METAR

MDSD 050400Z 36006KT 9999 SCT016 25/24 Q1014

TAF

TAF MDSD 042200Z 0500/0524 16005KT 9999 FEW016 SCT080 PROB40 0501/0507 7000-TSRA FEW015CB BKN016 BKN070 BECMG 0500

Frequencies

REC - 127.65 MHz - ATIS
TWR - 118.10 MHz - LAS AMERICAS TOWER
GND - 121.90 MHz - LAS AMERICAS GROUND
APP - 119.30 MHz - LAS AMERICAS APPROACH

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 17 | 197 ft | 11,014 ft | 160.76 | ASPHALT | 0 ft | 43 ft |
| | 60 m | 3,357 m | 172.75 | | 0 m | 13 m |
| 35 | 197 ft | 11,014 ft | 340.76 | ASPHALT | 0 ft | 43 ft |
| | 60 m | 3,357 m | 352.75 | | 0 m | 13 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 17 | DME | ICDO | 108.90 MHz | 18 nm | - | - | 35 ft |
| | | | | 33 km | - | | 35 m |
| 17 | LOC-ILS | ICDO | 108.90 MHz | 18 nm | 160.59 | - | 58 ft |
| | | | | 33 km | 172.58 | | 58 m |
| 17 | GS | ICDO | 108.90 MHz | 10 nm | 161.57 | 3.00 | 35 ft |
| | | | | 19 km | 173.56 | | 35 m |

EDDF

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

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.171 E

METAR

EDDF 050420Z AUTO 20006KT 9999 BKN040 13/12 Q1010 NOSIG

TAF

TAF TAF EDDF 042300Z 0500/0606 19006KT 9999 BKN030 PROB30 TEMPO 0500/0502 SHRA SCT014 BKN020CB PROB30 TEMPO 0502/0606

Frequencies

REC - 118.02 MHz - ATIS ARRIVAL
GND - 121.80 MHz - GROUND
GND - 121.70 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER
TWR - 124.85 MHz - TOWER
TWR - 136.50 MHz - TOWER
APP - 127.27 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 119.90 MHz - TOWER
TWR - 127.32 MHz - TOWER
CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 118.50 MHz - FRANKFURT DIRECT
APP - 126.55 MHz - LANGEN RADAR
APP - 120.15 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 | 66.42 | | 0 m | 65 m |
| 25L | 148 ft | 13,134 ft | 249.63 | ASPHALT | 0 ft | 1,775 ft |
| | 45 m | 4,003 m | 246.46 | | 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 |