

Düsseldorf RG Airports

Note: Not for real navigation!

Münster/Osnabrück (EDDG / FMO)

Elevation 159 ft

Effective: 18 SEP 2014

(Changes are marked yellow)

NAVAIDS:

MOD CH 87 Y (114.05)
ILS 07 111.90 / 070° (IMOE)
ILS 25 110.10 / 250° (IMOW)
MYN 371

Communication:

| Station | Freq. |
|-----------|-----------------------|
| ATIS | 127.17 |
| Delivery | nil |
| Ground | 121.87 |
| Tower | 129.80 |
| Arrival | 129.30 (Langen Radar) |
| Departure | nil |
| Center | 135.35 (Langen Radar) |

RNAV (GPS) Approaches

| RWY 07 (cross KEMOT at 3000 ft) | | Missed Approach: | |
|---------------------------------|--------------------------------|-------------------------------------|---------------------|
| OSN | (OSN RNAV/GPS Approach RWY 07) | OSN - DG010 - DG011 - DG012 - KEMOT | DG013 - DG040- HMM |
| HMM | (HMM RNAV/GPS Approach RWY 07) | HMM - DG011 - DG012 - KEMOT | DG013 - DG040- HMM |
| RWY 25 (cross IBATO at 3000 ft) | | | |
| OSN | (OSN RNAV/GPS Approach RWY 25) | OSN - DG015 - DG016 - IBATO | DG017 - DG020 - HMM |
| HMM | (HMM RNAV/GPS Approach RWY 25) | HMM - DG014 - DG016 - IBATO | DG017 - DG020 - HMM |

Standard Instrument Arrival Routes

(Transition Altitude 5000ft)

RWY 07/25

| | | | |
|------------------------------|---------------------|--|--|
| DOMEG 2J (DOMEG TWO JULIETT) | DOMEG (Δ) - HMM (Δ) | 5000ft MNM IFR Cruising Level (at HMM) | |
| BAMSU 2J (BAMSU TWO JULIETT) | BAMSU (Δ) - HMM (Δ) | 5000ft MNM IFR Cruising Level (at HMM) | Only for flights with RFL 190 or above. Other flights proceed via M170 to HMM. |

Standard Instrument Departure Routes

Pilots of GPS/FMS-RNAV equipped aircraft shall, if possible, use the supplementary GPS/FMS RNAV procedures which are described following the text "GPS / FMS RNAV:". When using these supplementary GPS/FMS RNAV procedures, the pilot shall check and ensure that the underlying conventional flight procedures are adhered to by monitoring the information of the ground-based navigations aids. The ground-based navigation aids required for the use of the respective conventional flight procedure and the associated aircraft equipment shall remain in operation at all times.

RWY 07 (After takeoff climb to 5000 ft., contact Langen Radar.)

| | | |
|-------------------------------------|---|---|
| DOMEG 3E (DOMEG THREE ECHO) | Dct to MYN (4.4 DME MOD) (Δ) - RT on track 202° to DOME (Δ) | After passing 2000 BRNAV equipment necessary |
| DOMEG 2Y (DOMEG TWO YANKEE) | GPS/FMS: [A600+] - MYN[R] - DG074 - DOME Climb on track 070° inbound MYN to 600ft - RT, complete turn within 1.3 DME MOD - on track 190° to DOME (Δ) GPS/FMS: [A600+] - DG071[R] - DOME | 1. After passing 2000 BRNAV equipment necessary 2. For prop/turboprop aircraft up to 5.7t MTOW. If unable to comply, file DOME E |
| HMM 3Y (HAMM THREE YANKEE) | Climb on track 070° inbound MYN to 600ft - RT, complete turn within 1.3 DME MOD - on R360 HMM to HMM (Δ) GPS/FMS: | 1. For Non-RNAV-flights only. 2. For prop/turboprop aircraft up to 5.7t MTOW. |
| OSN 9E (OSNABRÜCK NINE ECHO) | Dct to MYN (4.4 DME MOD) (Δ) - RT on R261 OSN to OSN (Δ) GPS/FMS: [A600+] - MYN[R] - OSN | |
| RKN 2E (REKKEN TWO ECHO) | Dct to MYN (4.4 DME MOD) (Δ) - RT on track 240° to intercept and follow R095 RKN to RKN (Δ) GPS/FMS: [A600+] - MYN[R] - DG075 - DG076[R] - RKN | |
| RKN 9YE (REKKEN NINE YANKEE) | Climb on track 070° to DG072 - LT via DG073 on track 264° to RKN (Δ) GPS/FMS: [A600+] - DG072[A1000+] - L - DG073 - RKN | For jet aircraft up to 20 MTOW and prop/turboprop aircraft. If unable to comply, file RKN E |

RWY 25 (After takeoff climb to 5000 ft., contact Langen Radar.)

| | | | |
|----------|-------------------------|---|---|
| DOMEG 2C | (DOMEG TWO CHARLIE) | Climb on track 250° MYN to 5.2 DME MOD; LT on track 172° to DOME (Δ) GPS/FMS: [A600+] - DG021[L] - DOME | After passing 2000 BRNAV equipment necessary |
| DOMEG 2Z | (DOMEG TWO ZULU) | Climb on track 250° MYN to 600 ft - LT, complete turn within 1.7 DME MOD; on track 184° to DOME (Δ) GPS/FMS: [A600+] - DG023[L] - DOME | 1. After passing 2000 BRNAV equipment necessary 2. For jet aircraft up to 20t MTOW and prop/turboprop aircraft. If unable to comply, file DOME C |
| HMM 1Z | (HAMM ONE ZULU) | Climb on track 250° MYN to 600 ft - LT, complete turn within 1.7 DME MOD; on R350 HMM to HMM (Δ) GPS/FMS: | 1. For Non-RNAV-flights only. 2. For prop/turboprop aircraft up to 5.7t MTOW. |
| OSN 2C | (OSNABRÜCK TWO CHARLIE) | Climb on track 250° MYN to 5.2 DME MOD; LT on track 112° to intercept R247 OSN - on R247 OSN to OSN (Δ) GPS/FMS: [A600+] - DG021[L] - DG024[L] - DG025[L] - OSN | |
| OSN 8X | (OSNABRÜCK EIGHT X-RAY) | Climb on track 250° MYN to 600 ft - LT, complete turn within 1.7 DME MOD; on track 137° to intercept R247 OSN; on R247 OSN to OSN (Δ) GPS/FMS: [A600+] - DG023[L] - DG026[L] - DG027[L] - OSN | For prop/turboprop aircraft only. If unable to comply, file OSN C. |
| RKN 1C | (REKKEN ONE CHARLIE) | Climb on track 250° MYN to 5.2 DME MOD; RT on R093 RKN to RKN (Δ) GPS/FMS: [A600+] - DG022[R] - RKN | |

Remark: Underlined RNAV-Waypoints are fly-over waypoints (Δ)

VFR Entry / Exit Points

| | | | |
|------------|----------------------|---|---------------------------|
| DELTA | northwest of airport | MAX 2000 MSL - track 315° from airport | (N 52° 10,8' E007° 32,4') |
| NOVEMBER 1 | north of airport | MAX 2000 MSL - track 160° to / track 340° from airport | (N 52° 12,8' E007° 41,1') |
| NOVEMBER 2 | north of airport | MAX 2000 MSL | (N 52° 09,2' E007° 43,0') |
| TANGO | northeast of airport | MAX 2000 MSL - follow highway to airport to NOVEMBER 2 or east from airport | (N 52° 14,5' E007° 53,5') |
| ECHO | east of airport | MAX 2000 MSL- track 280° to / track 100° from airport | (N 52° 06,5' E007° 51,3') |
| SIERRA | south of airport | MAX 2000 MSL- follow Dortmund-Ems-Kanal to / from airport | (N 52° 02,5' E007° 40,8') |
| WHISKEY | southwest of airport | MAX 2000 MSL- follow highway east to airport / west from airport | (N 52° 03,3' E007° 37,0') |