

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

DORTMUND
RWY 24

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:" and charted in addition on "CHART - INSTRUMENT (OVERLAY)". 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 navigation 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.

| Designator | Route | After Take-Off | | Remarks | |
|-----------------|---|----------------|-------------------------|--|--|
| | | Climb to | Contact | | |
| 1 | 2 | 3 | 4 | 5 | |
| DOMEG 2U | DOMEG TWO UNIFORM On R239 DOR to 5.8 DME DOR; RT, on track 330° to cross R272 DOR; RT, on track 040° to DOME G (Δ). Cross R272 DOR at 3600 or above. GPS/FMS RNAV: [A900+] - LW100[R] - LW106 - LW107[A3600+, R] - DOME G. | 5000 ft | Langen Radar 125.225 | 1. PDG 4.8% / 290ft/NM until crossing R272 DOR due to airspace structure. If unable to comply advise ATC. 2. After R272 DOR B-RNAV equipment necessary. | |
| OSN 2U | OSNABRÜCK TWO UNIFORM On R239 DOR to 5.8 DME DOR; RT, on track 330° to cross R272 DOR; RT, on track 040° via DOME G (Δ) to OSN (Δ). Cross R272 DOR at 3600 or above. GPS/FMS RNAV: [A900+] - LW100[R] - LW106 - LW107[A3600+, R] - DOME G - OSN. | | | | |
| HMM 1U | HAMM ONE UNIFORM On R239 DOR to 5.8 DME DOR; RT, on track 330° to cross R272 DOR; RT, on track 040° to DOME G (Δ); LT, on track 026° to HMM (Δ). Cross R272 DOR at 3600 or above. GPS/FMS RNAV: [A900+] - LW100[R] - LW106 - LW107[A3600+, R] - DOME G[L] - HMM. | | | | |
| GMH 1U | GERMINGHAUSEN ONE UNIFORM On R239 DOR to 5.8 DME DOR; LT, on track 149° to intercept track 120° BOT. On track 120° from BOT to intercept R339 GMH to GMH (Δ). GPS/FMS RNAV: [A900+] - LW100[L] - LW102 - LW103[L] - LW105[R] - GMH. | | | | |
| BAMSU 2U | BAMSU TWO UNIFORM On R239 DOR to 5.8 DME DOR; LT, on R052 BAM inbound BAM to 7.6 DME BAM; LT, on track 180° to BAMSU (Δ). GPS/FMS RNAV: [A900+] - LW101[L] - LW108[L] - BAMSU. | | | | After passing 7.6 DME BAM BRNAV equipment necessary. |
| NUDGO 2U | NUDGO TWO UNIFORM On R239 DOR to 5.8 DME DOR; LT, on track 149° to cross R212 DOR; LT, on track 084° to ARNOP(Δ); RT, on track 089° to NUDGO (Δ). GPS/FMS RNAV: [A900+] - LW100[L] - LW102 - LW104[L] - ARNOP[R] - NUDGO. | | | | After crossing R212 DOR BRNAV equipment necessary. |

(Sample: LW100 fly-over waypoint)

Contact Langen Radar immediately after take-off!