

MUENCHEN
(SOUTH)
RWY 08R

STANDARD DEPARTURE
ROUTES - INSTRUMENT
(SID)

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
ALG 2E	ALLGAEU TWO ECHO Climb on course 080° MSW (course 080° MSE) to 5.6 DME DMS (5.0 DME DMN); RT, on track 139° to ALONU (Δ); RT, on track 179° to LAKOL (Δ); RT, on track 253° to OBAXA (Δ); RT, on track 263° to MERSI (Δ); RT, on track 269° to ALG (Δ). Climb with 3.8% (235 ft/NM) until passing 3700. MAX IAS 230 kt during initial turn. MAX IAS 250 kt until MERSI. GPS/FMS RNAV: [A1900+] - DM081[R] - ALONU[K230-; R] - LAKOL[R] - OBAXA[R] - MERSI[K250-; R] - ALG.	FL 70	Muenchen Radar 127.955	1. Jet ACFT only. 2. After passing 3700 BRNAV equipment necessary. 3. PDG 3.8% (235 ft/NM) due to airspace structure (MVA). If unable to comply, advise ATC prior start-up.
MERSI 2P	MERSI TWO PAPA Climb on course 080° MSW (course 080° MSE) to 5.6 DME DMS (5.0 DME DMN); RT, on track 219° via DM090 to OTT (Δ); LT, on track 208° to OBAXA (Δ); RT, on track 263° to MERSI (Δ). MAX IAS 230 kt during initial turn. Cross DM090 at or above FL70. MAX IAS 250 kt until MERSI. GPS/FMS RNAV: [A1900+] - DM081[R] - DM087[K230-; R] - DM090[F070+] - OTT[L] - OBAXA[R] - MERSI[K250-].			1. Non-Jet ACFT only. 2. Constraint at DM090 due to operations. PDG 9.4% (570 ft/NM). If unable to comply, advise ATC prior start-up. 3. After 5.6 DME DMS (5.0 DME DMN) BRNAV equipment necessary.
MERSI 4E	MERSI FOUR ECHO Climb on course 080° MSW (course 080° MSE) to 5.6 DME DMS (5.0 DME DMN); RT, on track 139° to ALONU (Δ); RT, on track 179° to LAKOL (Δ); RT, on track 253° to OBAXA (Δ); RT, on track 263° to MERSI (Δ). Climb with 3.8% (235 ft/NM) until passing 3700. MAX IAS 230 kt during initial turn. MAX IAS 250 kt until MERSI. GPS/FMS RNAV: [A1900+] - DM081[R] - ALONU[K230-; R] - LAKOL[R] - OBAXA[R] - MERSI[K250-].			1. Jet ACFT only. 2. After passing 3700 BRNAV equipment necessary 3. PDG 3.8% (235 ft/NM) due to airspace structure (MVA). If unable to comply, advise ATC prior start-up.

- Notes:**
1. Attention departing aircraft: Simultaneous parallel departures in progress. Pilots have to proceed exactly on extended centreline until starting turns as published in departure routes and shall remain on TWR frequency until further advised.
 2. RWY 08R is to be used especially for departures to SW, S, SE and E.

Contact Muenchen Radar when advised by Tower!