

ENGM SID RWY 19R (RNAV) - ROUTES

GENERAL:	<p>Surveillance service shall be available.</p> <p>Maximum speed below FL100: 250 KT IAS unless otherwise stated under RESTRICTIONS, or instructed by ATC.</p> <p>Due to simultaneous parallel departures, change to APP frequency shall always be initiated by GARDERMOEN TWR.</p>
RADIO COMMUNICATION FAILURE:	<p>SQUAWK A7600.</p> <p>In case of RCF after take-off, maintain last assigned level for 2 minutes, then climb to the cruising level stated in the CPL. ACFT under vectoring shall, after setting their transponder to A7600, continue on last cleared and acknowledged heading and level for 2 minutes, then proceed via the most direct route to join the cleared SID or route and climb to the cruising level stated in CPL.</p>
VECTORIZING/ DIRECT ROUTING:	<p>When being vectored or cleared for DCT routing, the climb gradient(s) stated in SID “RESTRICTIONS”-table apply.</p>
ATC CLEARANCE:	<p>Departing IFR flights shall contact “GARDERMOEN DELIVERY” to obtain ATC clearance. Specify stand number. Request for ATC clearance may take place at the earliest 30 minutes and at the latest 10 minutes prior to anticipated engine start-up. Listening watch shall thereafter be maintained on “GARDERMOEN DELIVERY”.</p>
NON RNAV 1 ACFT:	<p>At first contact with “GARDERMOEN DELIVERY” state “UNABLE RNAV 1”.</p> <p>OMNI-DIRECTIONAL DEPARTURE available (see ENGM AD 2.24).</p>
NOTE:	<p>The segment distances from GM616 to GM619, from GM619 to GM448, GM442 to GM603 and from GM603 to VEMIN are based on average flight path criteria.</p>
NOISE ABATEMENT:	<p>NADP-1 to be used during climb-out.</p>

DESIGNATOR	ROUTE	RESTRICTIONS	CLIMB TO	CONTACT
ATLAP 7D  (ATLAP SEVEN DELTA DEPARTURE)	Climb on RWY track 192°. Intercept and proceed on course 241° to GM442, to GM616, to GM619, to GM448, to ATLAP.	A MNM climb gradient of 6.6% i.e. 401 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX speed 230 KT IAS during first turn.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 120.455 MHZ
EVTOG 7D  (EVTOG SEVEN DELTA DEPARTURE)	Climb on RWY track 192°. Intercept and proceed on course 241° to GM442, to GM616, to GM619, to GM717, to EVTOG.	A MNM climb gradient of 6.6% i.e. 401 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX speed 230 KT IAS during first turn.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 120.455 MHZ
MASEV 6D  (MASEV SIX DELTA DEPARTURE)	Climb on RWY track 192°. Intercept and proceed on course 241° to GM442, to GM603, to VEMIN, to GM507, to GM508, to MASEV.	A MNM climb gradient of 6.6% i.e. 401 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX speed 230 KT IAS during first turn.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 120.455 MHZ
OKSAT 6D  (OKSAT SIX DELTA DEPARTURE)	Climb on RWY track 192°. Intercept and proceed on course 241° to GM442, to GM603, to VEMIN, to GM507, to GM608, to OKAKI, to OKSAT.	A MNM climb gradient of 6.6% i.e. 401 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX speed 230 KT IAS during first turn.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 120.455 MHZ
RIBBE 6D  (RIBBE SIX DELTA DEPARTURE)	Climb on RWY track 192°. Intercept and proceed on course 241° to GM442, to GM603, to VEMIN, to GM443, to PEMUS, to NUVSA, to RIBBE.	A MNM climb gradient of 6.6% i.e. 401 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX speed 230 KT IAS during first turn.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 120.455 MHZ
VIPPA 6D  (VIPPA SIX DELTA DEPARTURE)	Climb on RWY track 192°. Intercept and proceed on course 241° to GM442, to GM607, to NANON, to NEDZA, to VIPPA.	A MNM climb gradient of 6.6% i.e. 401 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX speed 230 KT IAS during first turn.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 120.455 MHZ