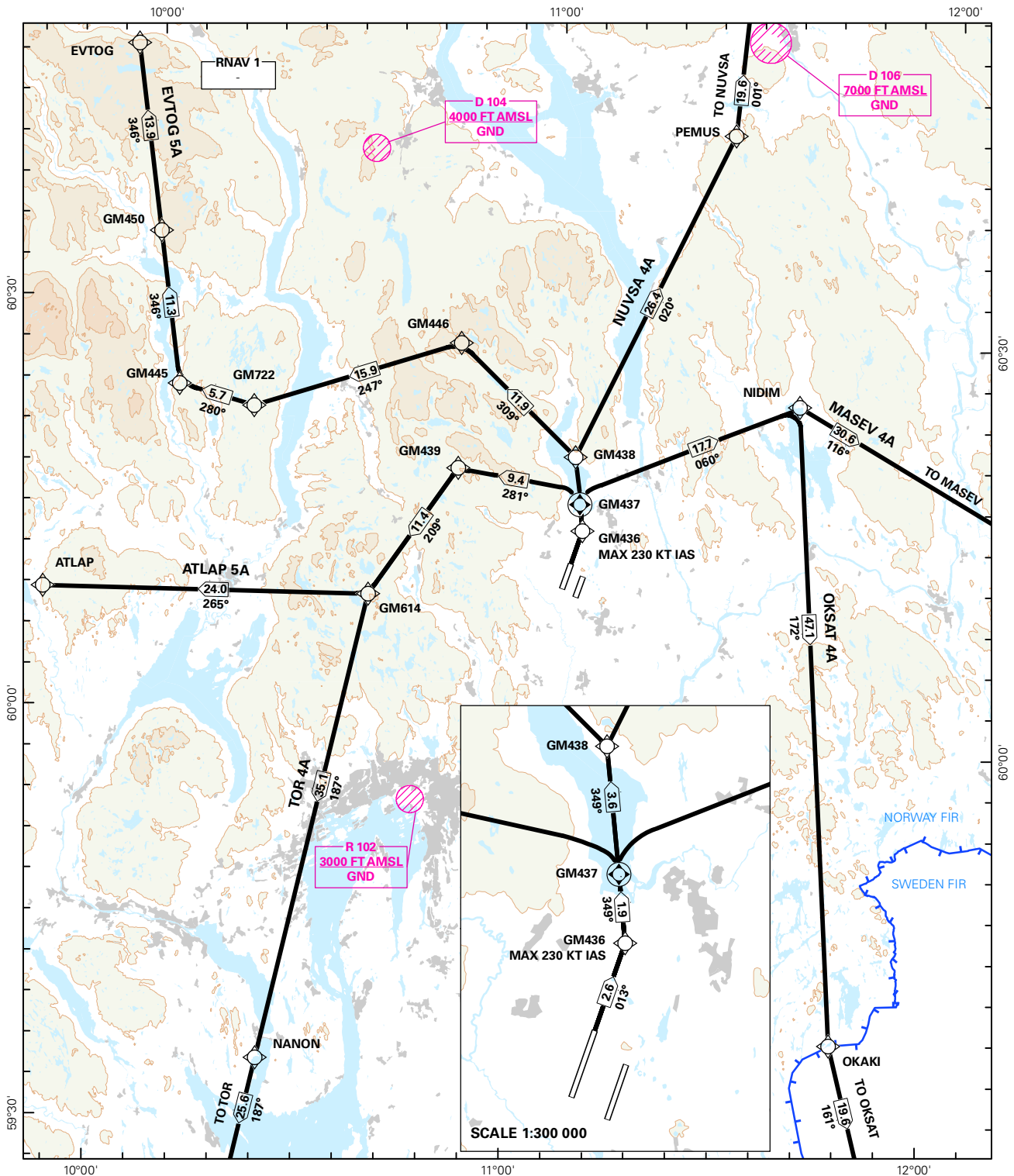


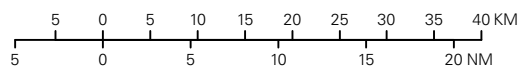
## STANDARD DEPARTURE CHART INSTRUMENT (RNAV 1 SID BASED ON GNSS OR DME/DME)

<div><div></div><div>3<sub>9</sub></div><div>MSA 25 NM ARP</div></div>	ATIS: 127.150		ALT AND ELEV ARE IN FT DIST IN NM			GARDERMOEN  RWY 01L	
	APP: 120.450    118.475						
	TWR: 118.300    (118.700)						
	GND: 121.600    121.900						
			1:800 000	VAR: 2.8 ° E (2015)	TA 7000	NORWAY	
ATLAP 5A, EVTOG 5A, MASEV 4A, NUVSA 4A, OKSAT 4A, TOR 4A							



SID DESCRIPTION OVERLEAF  
DESCRIPTION OF WAYPOINTS, REF ENR 4.4

ATS AIRSPACE CLASSIFICATIONS: REF ENR 1.4  
LEGEND: REF GEN 2.3



CHANGES: D103, D154 WITHDRAWN.

**STANDARD DEPARTURE ROUTES - INSTRUMENT  
(RNAV 1 SID BASED ON GNSS or DME/DME)**
**OSLO/Gardermoen  
RWY 01L**

<b>GENERAL:</b>	<p>Class A GNSS shall not be used. Radar service shall be available. 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>
<b>RADIO COMMUNICATION FAILURE:</b>	<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>
<b>ATC CLEARANCE:</b>	<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>
<b>NON RNAV 1 ACFT:</b>	<p>At first contact with "GARDERMOEN DELIVERY" state "UNABLE RNAV 1". OMNI-DIRECTIONAL DEPARTURE available (see ENGM AD 2.24).</p>
<b>NOTE:</b>	<p>The segment distances from GM437 to GM439, from GM722 to GM445 and from GM437 to NIDIM are based on average flight path criteria.</p>

DESIGNATOR	ROUTE	RESTRICTIONS	CLIMB TO	CONTACT
<b>ATLAP 5A</b> (ATLAP FIVE ALFA DEPARTURE)	To GM436 on course 013°, to <u>GM437</u> , to GM439, to GM614, to ATLAP.	A MNM climb gradient of 5.2% i.e. 316 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX 230 KT IAS at GM436.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 120.450 MHZ
<b>EVT OG 5A</b> (EVT OG FIVE ALFA DEPARTURE)	To GM436 on course 013°, to <u>GM437</u> , to GM438, to GM446, to GM722, to GM445, to GM450, to EVT OG.	A MNM climb gradient of 5.2% i.e. 316 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX 230 KT IAS at GM436.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 120.450 MHZ
<b>MASEV 4A</b> (MASEV FOUR ALFA DEPARTURE)	To GM436 on course 013°, to <u>GM437</u> , to NIDIM, to MASEV.	A MNM climb gradient of 5.2% i.e. 316 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX 230 KT IAS at GM436.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 118.475 MHZ
<b>NUVSA 4A</b> (NUVSA FOUR ALFA DEPARTURE)	To GM436 on course 013°, to <u>GM437</u> , to GM438, to PEMUS, to NUVSA.	A MNM climb gradient of 5.2% i.e. 316 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX 230 KT IAS at GM436.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 118.475 MHZ
<b>OKSAT 4A</b> (OKSAT FOUR ALFA DEPARTURE)	To GM436 on course 013°, to <u>GM437</u> , to NIDIM, right to OKAKI, to OKSAT.	A MNM climb gradient of 5.2% i.e. 316 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX 230 KT IAS at GM436.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 118.475 MHZ
<b>TOR 4A</b> (TORP FOUR ALFA DEPARTURE)	To GM436 on course 013°, to <u>GM437</u> , to GM439, to GM614, to NANON, to TOR.	A MNM climb gradient of 5.2% i.e. 316 FT/NM is required until 5000 FT. If unable to comply, inform ATC.  MAX 230 KT IAS at GM436.	7000 FT  Expect further climb from OSLO APP	When instructed by GARDERMOEN TWR contact OSLO APP 120.450 MHZ