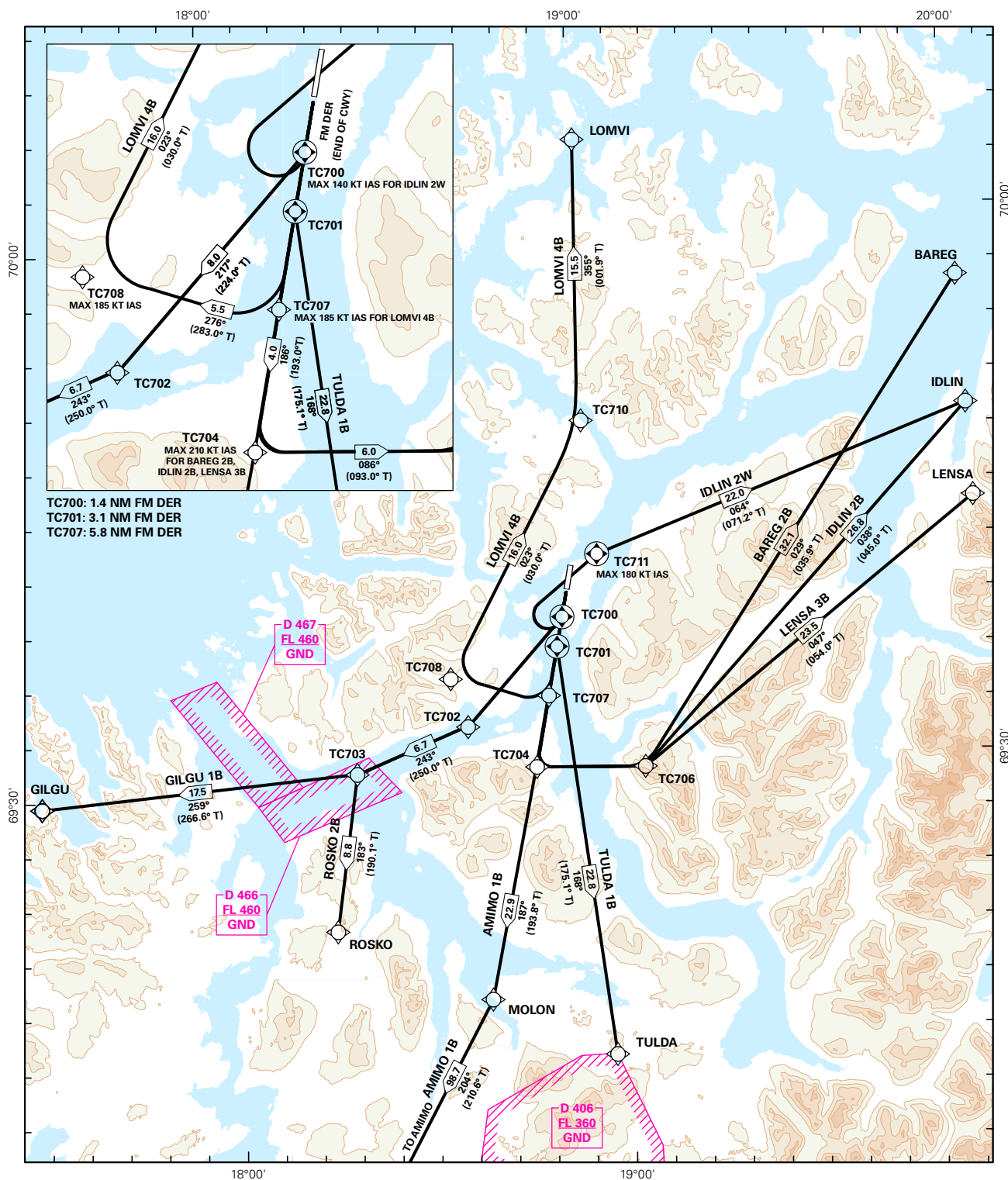
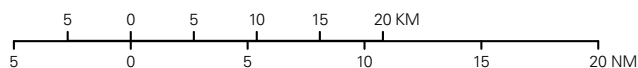


 MSA 25 NM ARP	ATIS: 126.125	ALT AND ELEV ARE IN FT DIST IN NM			TROMSØ/LANGNES RWY 19 NORWAY	
	APP: 123.750					
	TWR: 118.300					
		1:600 000	VAR: 7.1 ° E (2010)	TA 7000		
	AMIMO 1B, BAREG 2B, GILGU 1B, IDLIN 2B, IDLIN 2W, LENSA 3B, LOMVI 4B, ROSKO 2B, TULDA 1B					



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



STANDARD DEPARTURE ROUTES - INSTRUMENT (SID)

P-RNAV SID based on GNSS

TROMSØ/LANGNES

RWY 19

GENERAL:	P-RNAV approval is required. Class A GNSS shall not be used. Radar service shall be available.
VECTORING:	Vectoring deviating from SID may be used to expedite outbound TFC. At MNM EN-ROUTE ALT, clearance for DCT routing will be given as soon as TFC permits
RADIO COMMUNICATION FAILURE:	Squawk A7600. In case of RCF after take-off, maintain last cleared and acknowledged level for 2 minutes, then climb to the cruising level stated in the CPL. ACFT under radar vectoring shall, after set transponder to 7600, continue on last cleared and acknowledged heading and level for 2 minutes, then proceed the most direct route to join the cleared SID or route and climb to the cruising level stated in CPL.
NON P-RNAV ACFT:	At first contact with "Tromsø TWR" state "Non P-RNAV".
RECOMMENDED PATH/TERMINATORS:	All SID except IDLIN 2W: First leg CF, thereafter TF. IDLIN 2W: CF to TC700, DF to TC711 and TF to IDLIN.

DESIGNATOR	ROUTE	RESTRICTION	CLIMB TO	CONTACT
AMIMO 1B (AMIMO ONE BRAVO DEPARTURE)	To MOLON on course 187°, to AMIMO	A MNM climb gradient of 5.5% i.e. 335 FT/NM to 4000 FT.	FL 90	When airborne contact Tromsø APP 123.750 MHZ
Recommended Coding:	(AMIM1B): MOLON[M187]-AMIMO			
BAREG 2B (BAREG TWO BRAVO DEPARTURE)	To TC704 on course 186°, left turn to TC706, to BAREG	A MNM climb gradient of 6.2% i.e. 377 FT/NM is required to 4000 FT. MAX 210 KT IAS in turns at TC704.	FL 90	When airborne contact Tromsø APP 123.750 MHZ
Recommended Coding:	(BARE2B): TC704[M186;K210;-L]-TC706-BAREG			
GILGU 1B (GILGU ONE BRAVO DEPARTURE)	To <u>TC700</u> on course 186°, to TC702, to TC703, to GILGU	A MNM climb gradient of 6.5% i.e. 395 FT/NM is required to 4000 FT.	FL 90	When airborne contact Tromsø APP 123.750 MHZ
Recommended Coding:	(GILG1B): <u>TC700</u> [M186]-TC702-TC703-GILGU			
IDLIN 2B (IDLIN TWO BRAVO DEPARTURE)	To TC704 on course 186°, left turn to TC706, to IDLIN.	A MNM climb gradient of 6.2% i.e. 377 FT/NM is required to 4000 FT. MAX 210 KT IAS in turn at TC704.	FL 90	When airborne contact Tromsø APP 123.750 MHZ
Recommended Coding:	(IDLI2B): TC704[M186;K210;-L]-TC706-IDLIN			
IDLIN 2W (IDLIN TWO WHISKEY DEPARTURE)	To <u>TC700</u> on course 186°, right turn direct to <u>TC711</u> , to IDLIN	<u>TC700</u> at or above 900 FT. MNM altitude 900 FT at <u>TC700</u> requires a climb gradient of 9.8% i.e. 595 FT/NM from DER (end of CWY). Thereafter a climb gradient of 6.5% i.e. 365 FT/NM is required to 4000 FT. MAX 140 KT IAS at <u>TC700</u> . MAX 180 KT IAS at TC711	FL 90	When airborne contact Tromsø APP 123.750 MHZ
Recommended Coding:	(IDLI2W): <u>TC700</u> [M186;K140-;A900+;R]→ <u>TC711</u> [K180;-]-IDLIN			
LENSA 3B (LENSA THREE BRAVO DEPARTURE)	To TC704 on course 186°, left turn to TC706, to LENSA	A MNM climb gradient of 6.2% i.e. 377 FT/NM is required to 4000 FT. MAX 210 KT IAS in turn at TC704	FL 90	When airborne contact Tromsø APP 123.750 MHZ
Recommended Coding:	(LENS3B): TC704[M186;K210;-L]-TC706-LENSA			
LOMVI 4B (LOMVI FOUR BRAVO DEPARTURE)	To TC707 on course 186°, turn right to TC708, turn right to TC710, to LOMVI	A MNM climb gradient of 6.8% i.e. 415 FT/NM is required to 4000 FT. MAX 185 KT IAS during turns at TC707 and TC708	FL 90	When airborne contact Tromsø APP 123.750 MHZ
Recommended Coding:	(LOMV4B): TC707[M186;K185-;R]-TC708[K185-;R]-TC710-LOMVI			

ROSKO 2B (ROSKO TWO BRAVO DEPARTURE)	To <u>TC700</u> on course 186°, to TC702, to TC703, to ROSKO	A MNM climb gradient of 6.5% i.e. 395 FT/NM is required to 4000 FT.	FL 90	When airborne contact Tromsø APP 123.750 MHZ
Recommended Coding:	(ROSK2B): <u>TC700</u> [M186]-TC702-TC703-ROSKO			
TULDA 1B (TULDA ONE BRAVO DEPARTURE)	To <u>TC701</u> on course 186°, to TULDA	A MNM climb gradient of 5.5% i.e. 335 FT/NM is required to 4000 FT	FL 90	When airborne contact Tromsø APP 123.750 MHZ
Recommended Coding:	(TULD1B): <u>TC701</u> [M186]-TULDA			

OMNI-DIRECTIONAL DEPARTURE**RWY 19**

RADAR VECTORING: Expect radar vectoring by TROMSØ APP to join the cleared ATS-route.

DESIGNATOR	ROUTE	RESTRICTIONS	CLIMB TO	CONTACT
OMNI-DIRECTIONAL DEPARTURE	Climb on RWY track 186° to DME 8.0 TC. Start turn when cleared by ATC.	A MNM climb gradient of 8.1% i.e. 492 FT/NM is assumed until 4500 FT. If unable to comply, inform ATC.	FL 90	When airborne contact Tromsø APP 123.750 MHZ