

INSTRUMENT APPROACH CHART - ICAO

4₉

228°

7₁

030°

5₆

335°

MSA 25 NM TRO

ATIS: 126.130

APP: 123.755

TWR: 118.305

AD ELEV: 32

THR ELEV: 14

HGT RELATED TO THR 18

CIRCLING HGT RELATED TO AD ELEV

DIST IN NM. ELEV, ALT AND HGT IN FT

SCALE 1:500 000

VAR 10°E (2020)

TROMSØ

LANGNES

ILS Y or LOC Y RWY 18

TRANSITION ALTITUDE 7000

The map displays the instrument approach for Tromsø/Langnes (ILS Y or LOC Y RWY 18). Key features include:

- Runway:** RWY 18, 1830m long, 60m wide.
- Navigation Aids:** ILS 2801 (LOC 2770), GP 4.0% (7.0%), MAPt, GP/DME CH36X TR, LOC 109.900 TR, DVOR/DME 113.800 TRO, 10° E (2020).
- Altitudes:** AD ELEV 32, THR ELEV 14, HGT RELATED TO THR 18, CIRCLING HGT RELATED TO AD ELEV, DIST IN NM. ELEV, ALT AND HGT IN FT.
- Scale:** 1:500 000, VAR 10°E (2020).
- Warnings:** STEEP ANGLE APCH, AIRCRAFT AND CREW CERTIFICATION REQUIRED, GND PROXIMITY WARNING MAY OCCUR. SEE "ILS Y or LOC Y RWY 18 OBSTACLE ASSESSMENT SURFACES PENETRATIONS" CHART.

DIST TO TR	9	8	7	6	5	4	3	2
ALT (HGT)	3900 (3886)	3460 (3446)	3020 (3006)	2590 (2576)	2150 (2136)	1720 (1706)	1290 (1276)	860 (846)

MISSED APPROACH:
CONTINUOUS CLIMB TO 5000. CLIMB STRAIGHT AHEAD.
AT DME 7.3 TRO, TURN LEFT TO INTERCEPT
AND FOLLOW R-189 TRO TO ETUTU.
ENTER ETUTU HLDG CLIMBING TO 5000.

WARNING:
WHEN DESCENDING ON GP
PILOTS MUST NOT DESCEND
BELOW 1830 BEFORE DME 4.5 TR.

ILS RDH 49

The profile view diagram illustrates the vertical profile of the approach. It shows the climb gradient (GP 4.0% (7.0%)), the transition altitude (TRO), and the minimum descent altitude (MDA) for the missed approach. Key altitudes include 1830, 2600, 3700, and 5000. Distances are marked in DME (TR) and THR (TR).

CAT OF ACFT		A	B	C	D
OCA (H) STRAIGHT- IN	CAT I 2.5%*	1735 (1721)	1752 (1738)	1767 (1753)	1782 (1768)
	CAT I 4.0%*	806 (792)	822 (808)	837 (823)	852 (838)
	CAT I 5.0%*	343 (329)	359 (345)	375 (361)	390 (376)
	CAT I 6.0%*	288 (274)	308 (294)	321 (307)	338 (324)
	LOC 2.5%*	2060 (2046)			
	LOC 4.0%*	860 (846)			
CIRCLING		2060 (2028)		2700 (2668)	3000 (2968)

NOTE: CIRCLING E OF AD ONLY. *MNM MISSED APCH CLIMB GRADIENT.

CHANGES: NEW PROCEDURE.

ATS AIRSPACE CLASSIFICATION: REF ENR 1.4

Avinor

22 JAN 2026