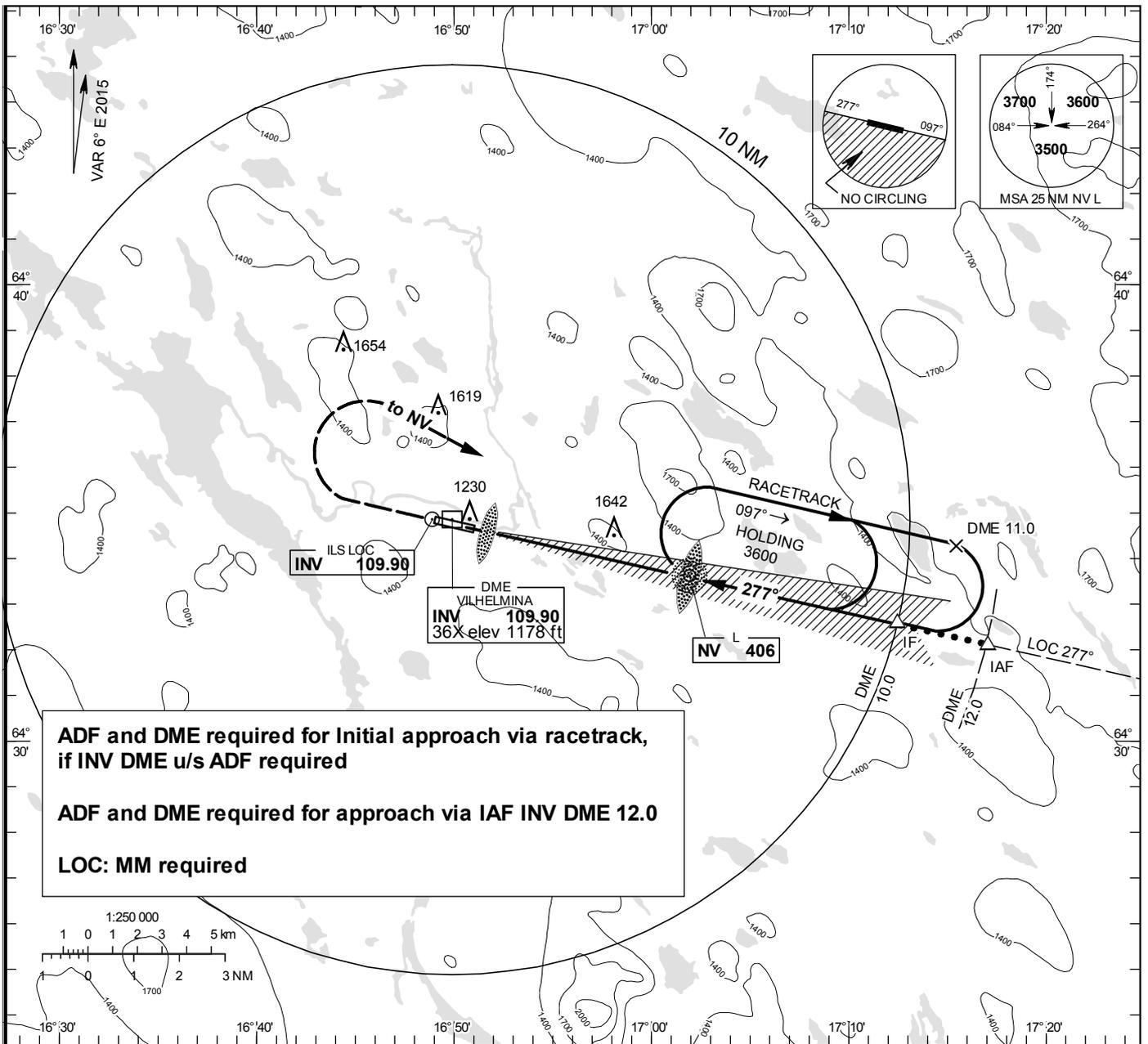


INSTRUMENT APPROACH CHART – ICAO

THR ELEV 1139.2 ft, AD ELEV 1141 ft
 OCH are related to THR.
 Circling OCH are related to AD ELEV.
 BRG are MAG
 ALT, HGT and ELEV in ft.

VILHELMINA INFORMATION 122.555

ILS or LOC RWY 28

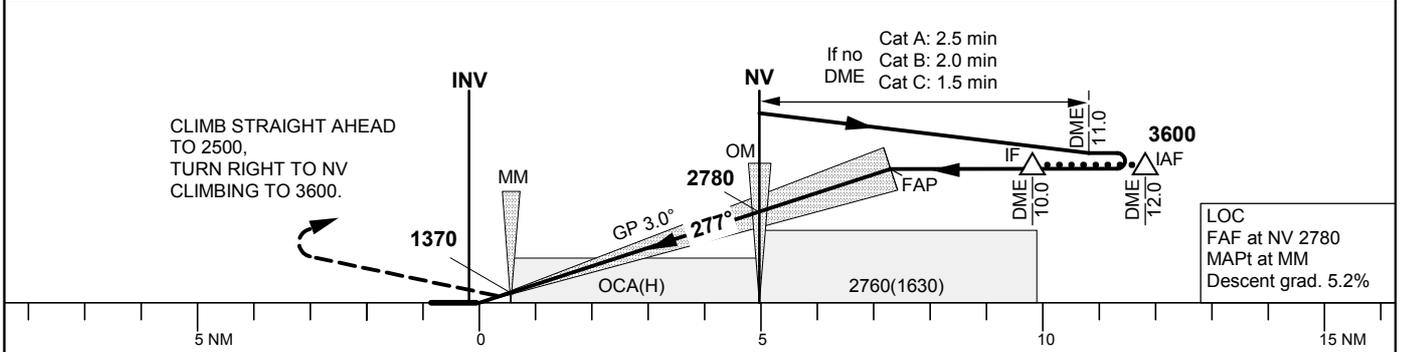


ADF and DME required for Initial approach via racetrack, if INV DME u/s ADF required

ADF and DME required for ILS approach via IAF INV DME 12.0

LOC: MM required

TA 5000 ft AMSL RDH 49.2 ft Max speed within Racetrack 200 kt IAS *Timing not authorized for defining the MAPt



OCA (H)				Final approach	LOC Distance FAF-MAPt 4.4 NM*						
Cat of ACFT		A	B	C	DME INV NM	5	4	3			
Straight-in Approach	CAT I	1337(198)	1345(206)	1355(216)	ALT	2680	2360	2040			
	LOC		1890(760)		GS	kt	80	100	120	140	160
Circling N RWY		1890(750)	1920(780)	2050(910)	Time	min:s	3:19	2:39	2:13	1:54	1:40
					Rate of descent	ft/min	425	535	640	745	850