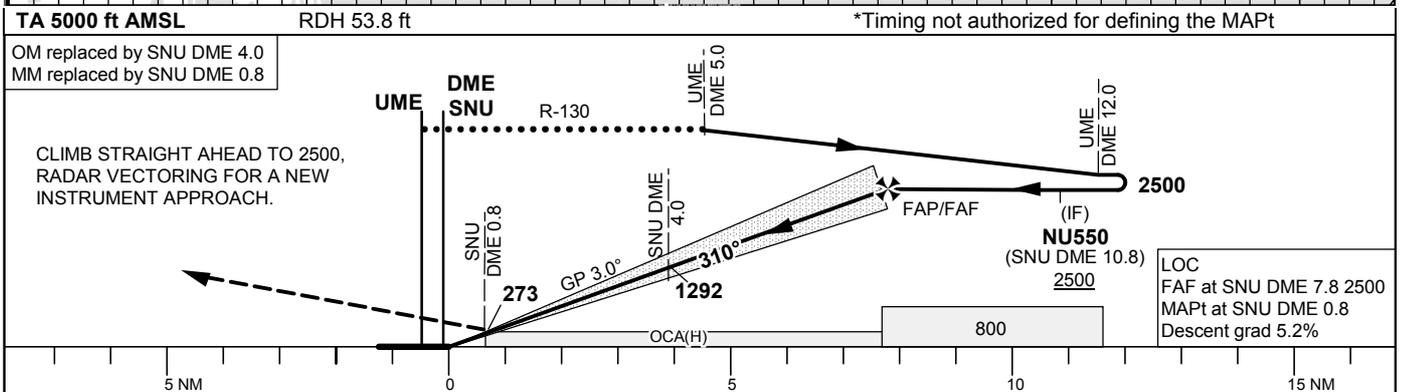
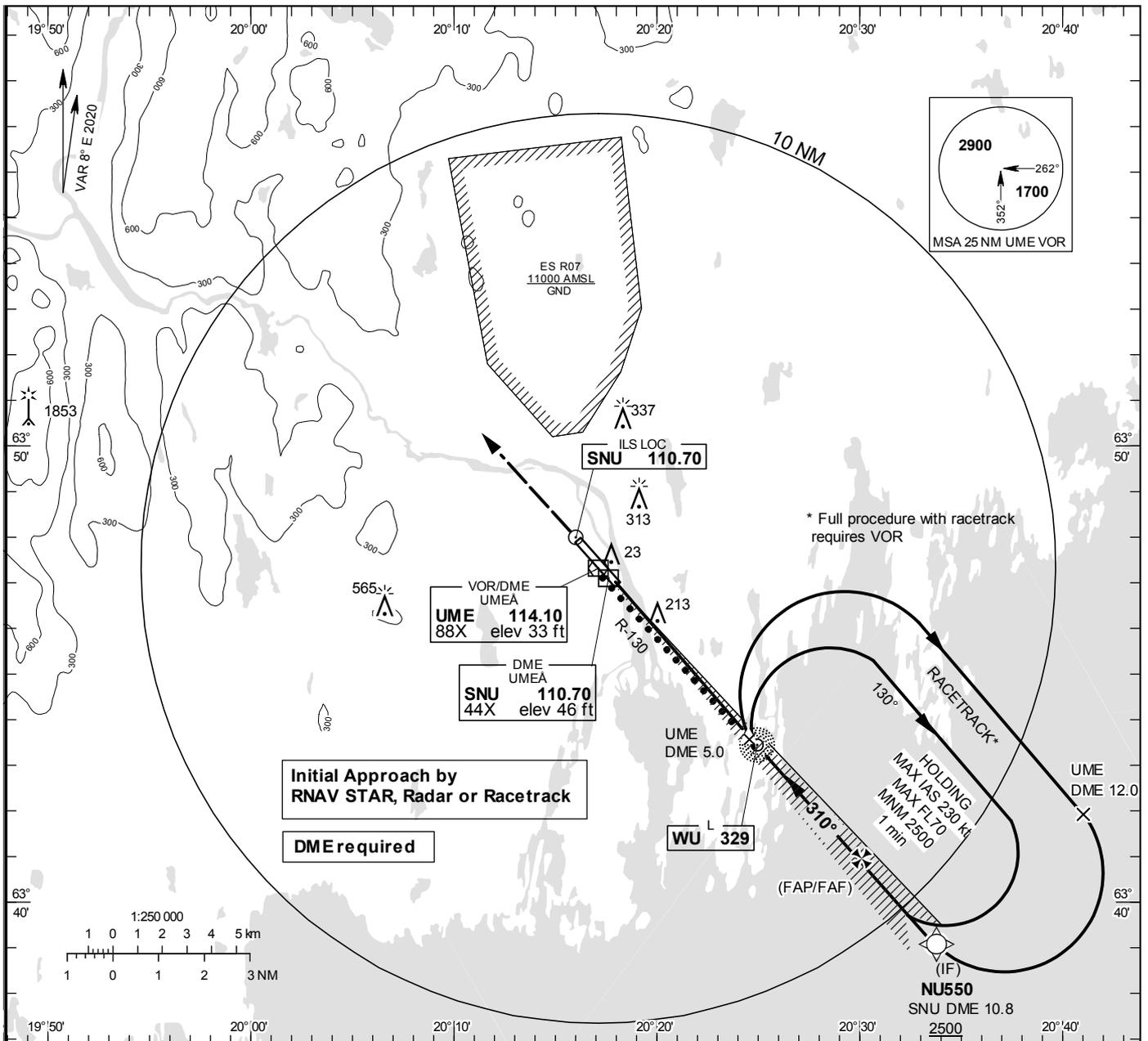


INSTRUMENT APPROACH CHART – ICAO

THR ELEV 17.3 ft, AD ELEV 25 ft
 OCH are related to THR.
 Circling OCH are related to AD ELEV.
 BRG are MAG
 ALT, HGT and ELEV in ft.

UMEÅ TOWER 119.805

ILS z or LOC z RWY 32



OCA (H)					Final approach								
					LOC Distance FAF-MAPt 7.0 NM*								
Cat of ACFT	A	B	C	D	DME SNU NM	7	6	5	4	3	2		
Straight-in Approach	Cat I	161 (144)	169 (152)	180 (163)	188 (171)	ALT	2248	1929	1611	1292	974	655	
	LOC	470 (453)				GS	kt	80	100	120	140	160	180
						Time	min:s	5:15	4:12	3:30	3:00	2:37	2:20
Circling	630 (605)	650 (625)	980 (955)	980(955)	Rate of descent	ft/min	425	535	635	745	850	955	