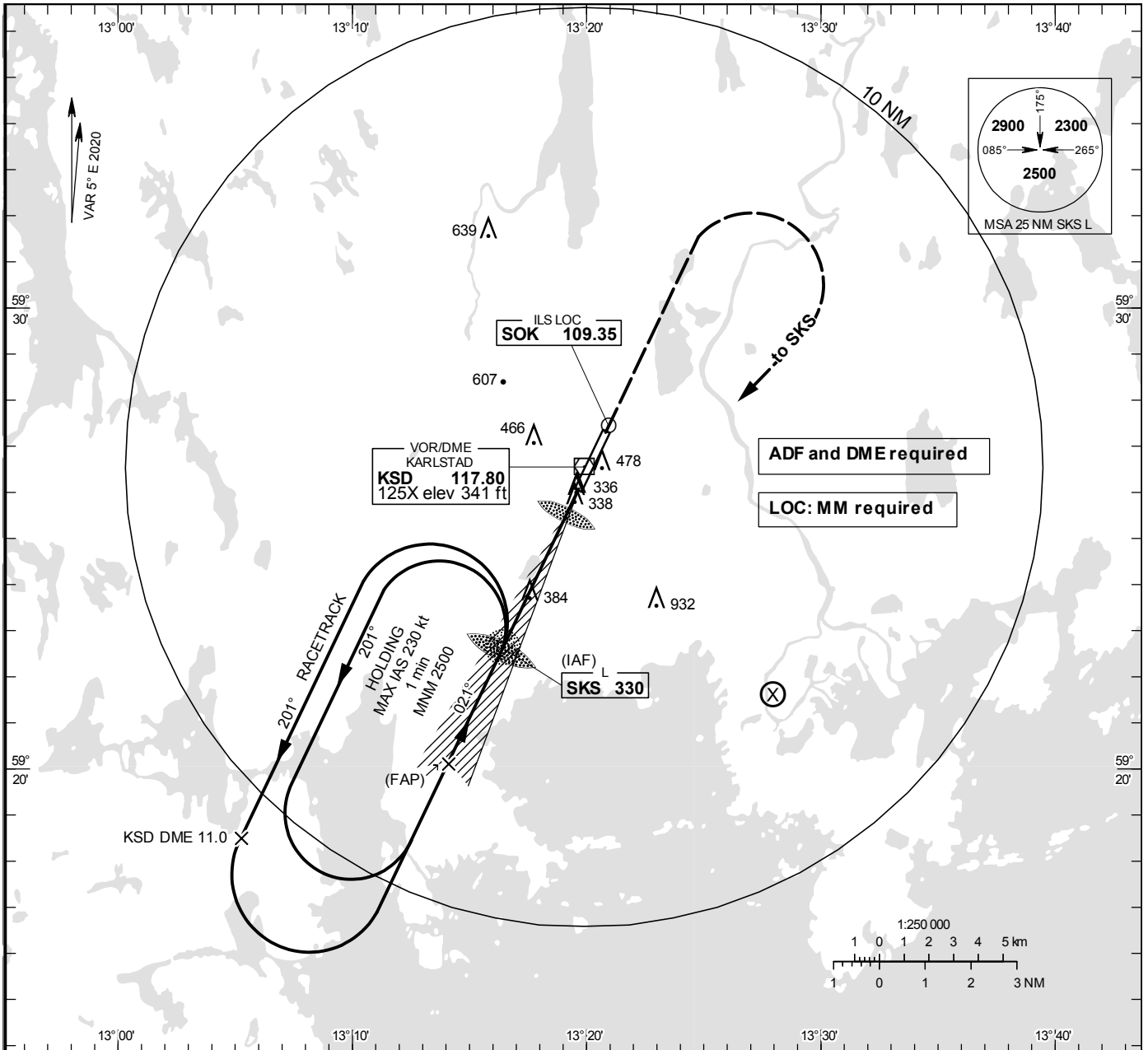


INSTRUMENT APPROACH CHART – ICAO

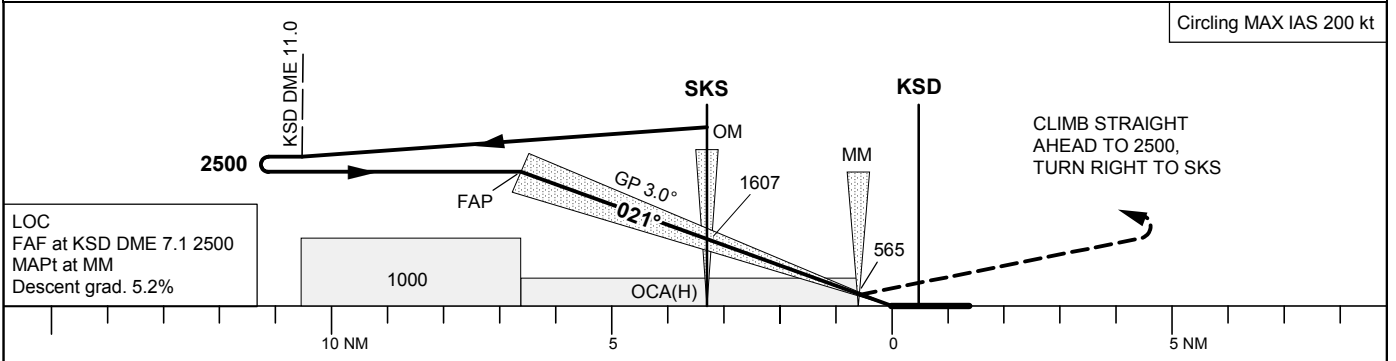
THR ELEV 333.0 ft, AD ELEV 353 ft
 OCH are related to THR.
 Circling OCH are related to AD ELEV.
 BRG are MAG
 ALT, HGT and ELEV in ft.

KARLSTAD TOWER 119.455

ILS or LOC RWY 03



TA 5000 ft AMSL RDH 51.5 ft Max speed within racetrack 240 kt IAS *Timing not authorized for defining the MAPt



OCA (H)					Final approach	LOC Distance FAF-MAPt 6.1 NM*							
Cat of ACFT	A	B	C	D	DME KSD NM	7	6	5	4	3	2		
Straight-in Approach	CAT I	475(142)	484(151)	493(160)	502(169)	ALT	2460	2140	1820	1510	1190	870	
	LOC	630(300)				GS	kt	80	100	120	140	160	180
Circling		780(430)	910(560)	1330(980)	1330(980)	Time	min:s	4:32	3:38	3:02	2:36	2:16	2:01
Circling NW RWY		770(420)	910(560)	1010(660)	1040(690)	Rate of descent	ft/min	425	530	635	745	850	955