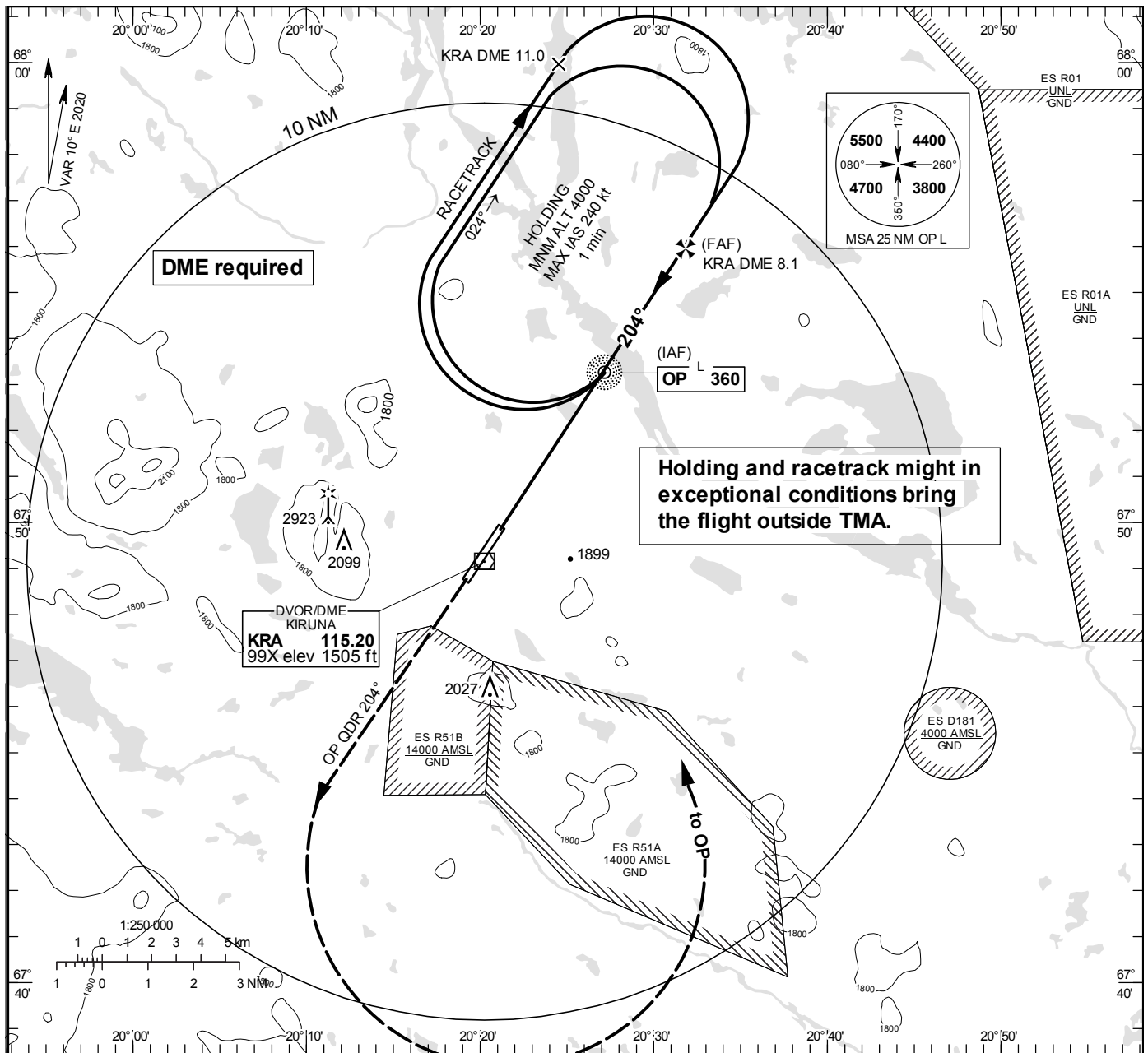


NDB z RWY 21

KIRUNA TOWER 130.155

THR ELEV 1432.3 ft, AD ELEV 1509 ft  
 OCH are related to THR.  
 Circling OCH are related to AD ELEV.  
 BRG are MAG  
 ALT, HGT and ELEV in ft.

INSTRUMENT  
 APPROACH  
 CHART - ICAO

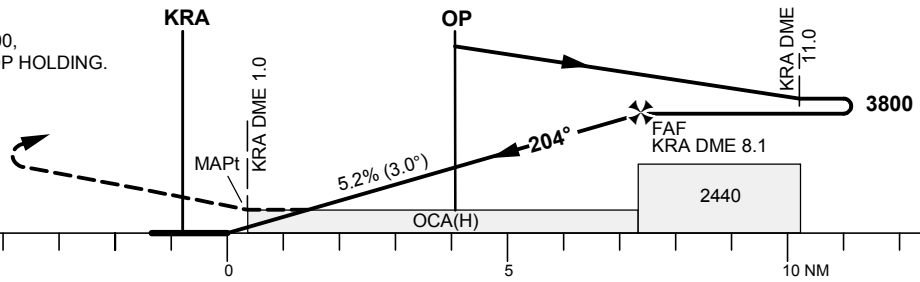


TA 6000 ft AMSL

Max speed within racetrack 240 kt IAS

\*Timing not authorized for defining the MAPt

CLIMB ON OP QDR 204° TO 4000,  
 TURN LEFT TO OP AND JOIN OP HOLDING.



Cat of ACFT	OCA (H)				Final approach							
	A	B	C	D	DME KRA NM	8	7	6	5	4	3	
Straight-in Approach	1980(550)				ALT	3760	3440	3120	2810	2490	2180	
Circling	2210(701)	2410(901)	3350(1841)	3350(1841)	GS	kt	80	100	120	140	160	180
Circling SE RWY	2210(701)	2340(831)	2430(921)	2440(931)	Time	min:s	5:21	4:17	3:34	3:04	2:41	2:23
					Rate of descent	ft/min	420	525	630	735	845	950