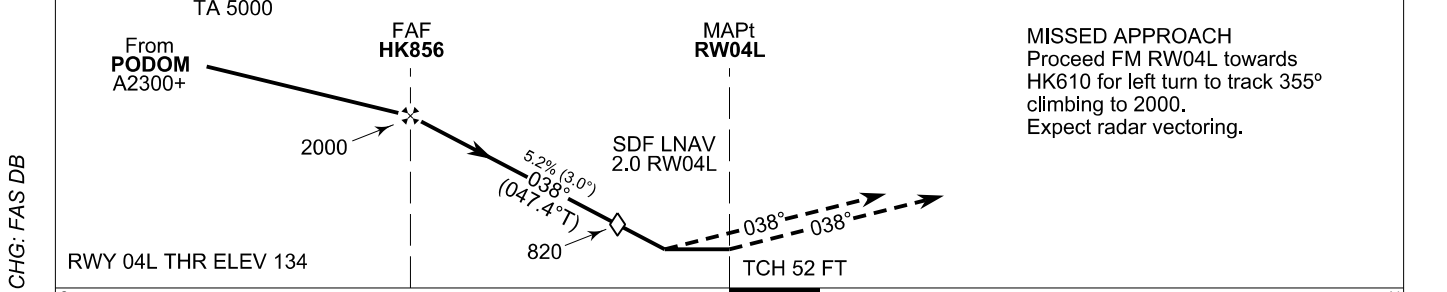
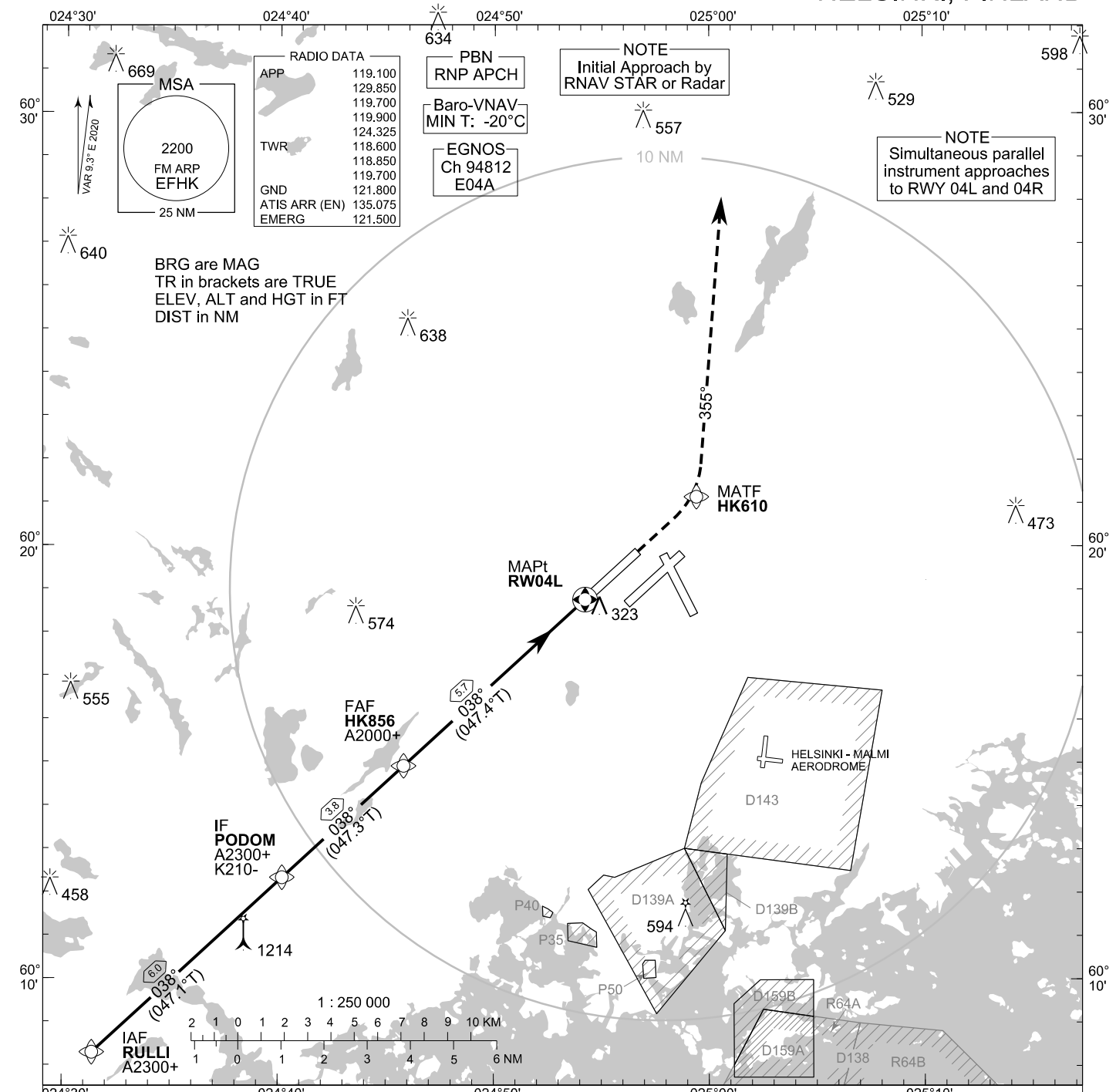


**INSTRUMENT  
APPROACH CHART - ICAO**

ELEV 180 FT  
HEIGHTS RELATED TO  
THR RWY 04L ELEV 134 FT

**RNP RWY 04L  
HELSINKI-VANTAA AERODROME  
HELSINKI, FINLAND**



OCA (H)					DIST FM THR						
	A	B	C	D	5.0 NM	4.0 NM	3.0 NM	2.0 NM			
LPV	369 (236)	381 (248)	389 (256)	400 (267)	1780 (1640)	1460 (1330)	1140 (1010)	820 (690)			
LNAV/VNAV	415 (282)	427 (294)	436 (303)	446 (313)	kt	90	100	120	140		
LNAV	570 (440)								160		
					FAF - MAPt 5.7 NM	min:sec	3:48	3:25	2:51	2:27	2:08
					Rate of descent	ft/min	480	530	640	740	850

Timing not authorized for defining the MAPt

EFHK RNP RWY 04L											
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG GEO TR	DIST NM	Turn Direction	Constraints		
			ID	Type	Flyover				LVL	Speed	
H04L RULLI RNP APCH	005	IF	RULLI	IAF	-	038° 047.1°T	6.0		A2300+		
	010	TF	PODOM	IF	-	038° 047.3°T		3.8		A2300+	K210-
	020	TF	HK856	FAF	-	038° 047.4°T	5.7		A2000+		
	030	TF	RW04L	MAPt	Y	038° 047.5°T		3.5			
	040	TF	HK610	MATF	-	355° 004.3°T					
	050	CA	-	-	-				A2000		

**WPT COORD**

SEE PAGE EFHK AD 2.15 - 1

**FINAL APPROACH PARAMETERS**

LNAV Gradient	Baro-VNAV		TCH
	VPA	MNM T	
5.24 % (3.00°)	3.00°	-20°C	52 FT

**SBAS DATA**

<b>Approach ID</b>	E04A
<b>Service Provider</b>	EGNOS
<b>CRC remainder</b>	16 92 13 CC
<b>Channel number</b>	94812
<b>Data Block</b>	SEE EFHK AD 2.15 - 17