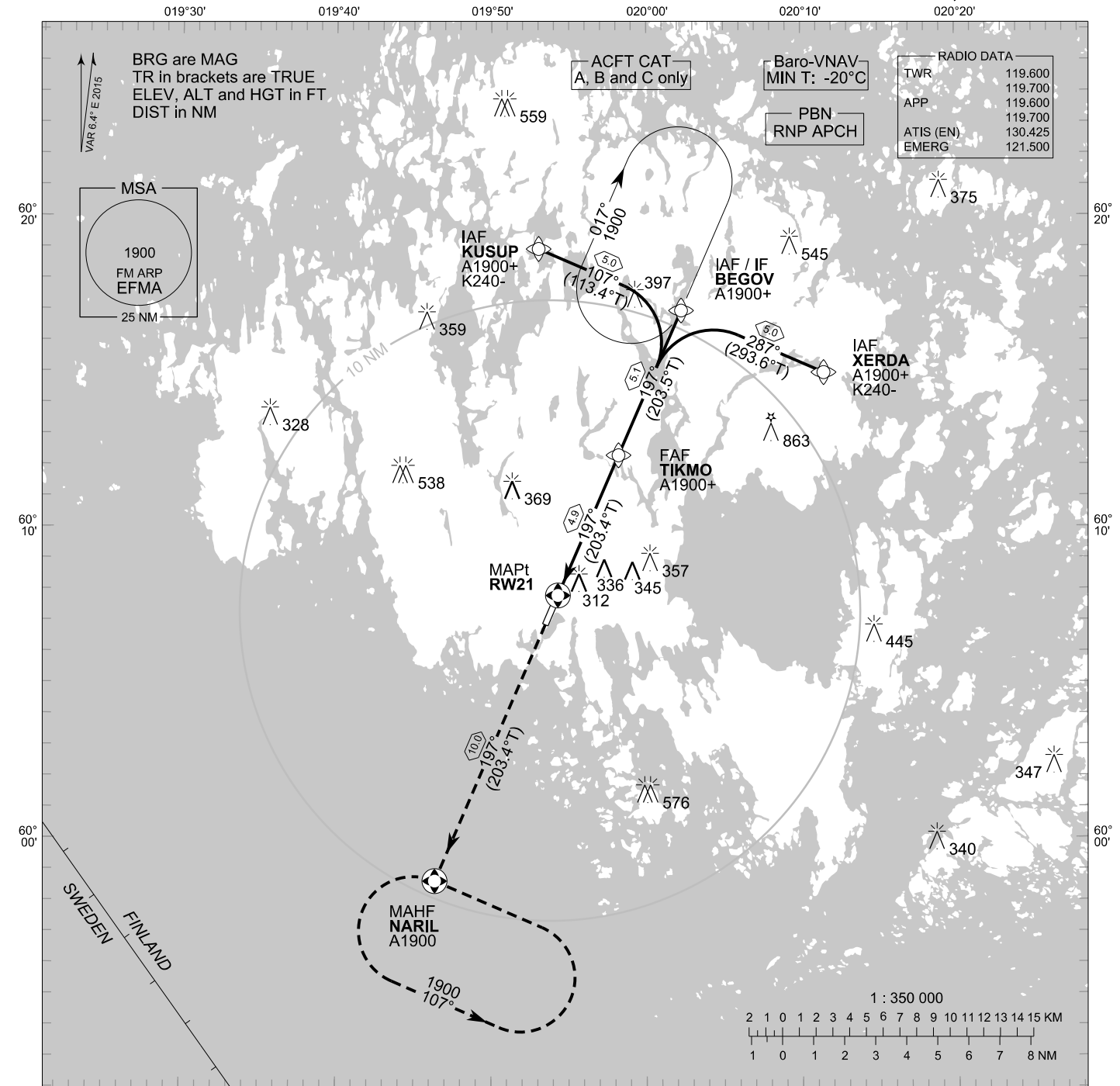


**INSTRUMENT
APPROACH CHART - ICAO**

ELEV 18 FT
HEIGHTS RELATED TO
AERODROME ELEV

**RNP RWY 21
MARIEHAMN AERODROME
MARIEHAMN, FINLAND**



OCA (H)	A	B	C
LNAV		510 (500)	
LNAV/VNAV	449 (432)	463 (446)	473 (456)
Circling	640 (620)	640 (630)	770 (750)

DIST FM THR	2.0 NM	3.0 NM	4.0 NM			
Altitude (Height)	820 (800)	1190 (1170)	1560 (1540)			
FAF - MAPt 4.9 NM	min:sec	3:17	2:57	2:28	2:06	1:51
Rate of descent	ft/mIn	560	620	740	870	990

Timing not authorized for defining the MAPt

EFMA RNP RWY 21										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Type	Flyover				LVL	Speed
H21 XERDA RNP APCH	005	IF	XERDA	IAF	-	287°	5.0	L	A1900+	K240-
	010	TF	BEGOV	IF	-	293.6°T			A1900+	
	020	TF	TIKMO	FAF	-	197°	5.1	A1900+		
	030	TF	RW21	MAPt	Y	203.5°T	4.9			
	040	TF	NARIL	MAHF	Y	197°	10.0		A1900	

EFMA RNP RWY 21										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Type	Flyover				LVL	Speed
H21 BEGOV RNP APCH	010	IF	BEGOV	IAF/IF	-	197°	5.1		A1900+	
	020	TF	TIKMO	FAF	-	203.5°T			A1900+	
	030	TF	RW21	MAPt	Y	197°	4.9			
	040	TF	NARIL	MAHF	Y	203.4°T	10.0		A1900	

EFMA RNP RWY 21										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Type	Flyover				LVL	Speed
H21 KUSUP RNP APCH	005	IF	KUSUP	IAF	-	107°	5.0	R	A1900+	K240-
	010	TF	BEGOV	IF	-	113.4°T			A1900+	
	020	TF	TIKMO	FAF	-	197°	5.1	A1900+		
	030	TF	RW21	MAPt	Y	203.5°T	4.9			
	040	TF	NARIL	MAHF	Y	197°	10.0		A1900	

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	MAX IAS	MNM HLDG LVL	TIME	DIST NM
BEGOV	203.4°T	197°	Right	230 KT	A1900	1 MIN	-
NARIL	293.4°T	287°	Left	230 KT	A1900	1 MIN	-

WPT COORD
SEE PAGE EFMA AD 2.15 - 1

FINAL APPROACH PARAMETERS			
LNAV Gradient	Baro-VNAV		TCH
	VPA	MNM T	
6.12 % (3.50°)	3.50°	-20°C	54 FT