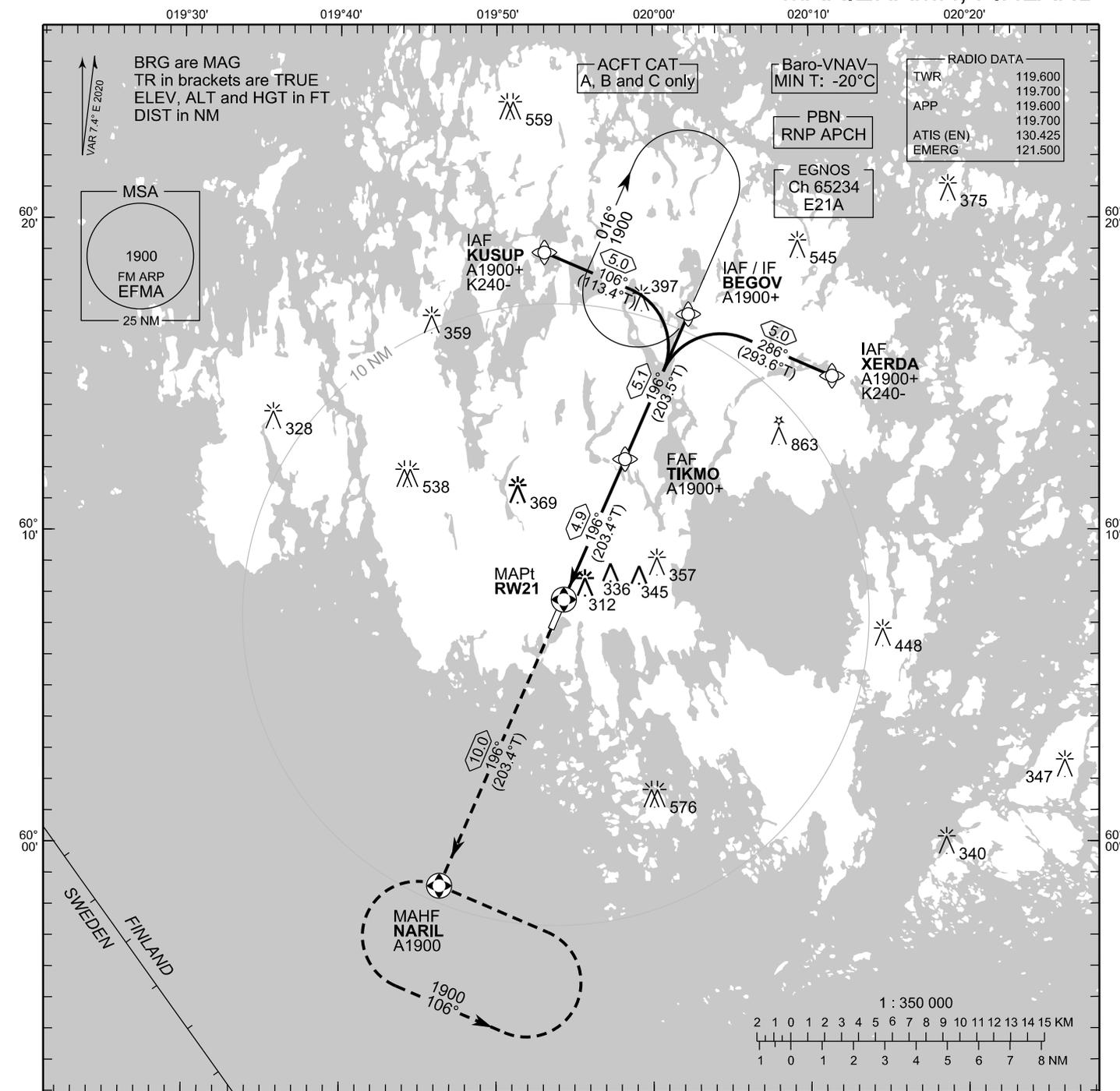


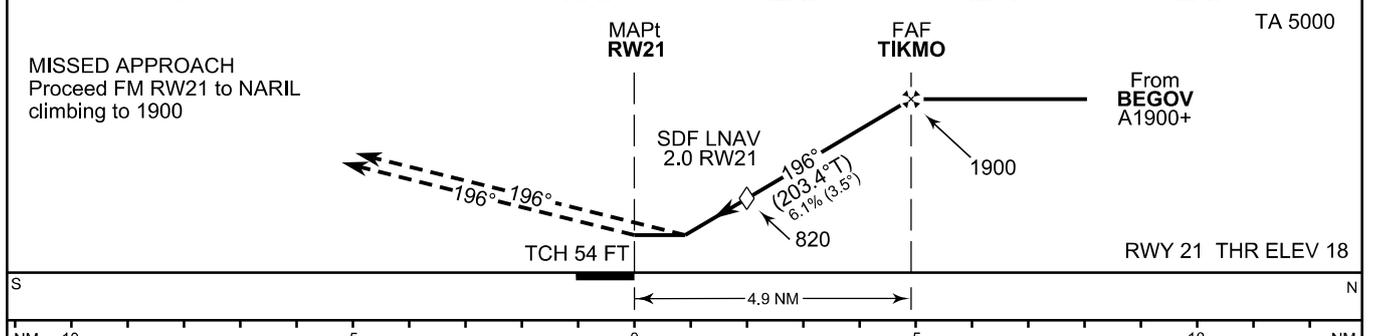
**INSTRUMENT
APPROACH CHART - ICAO**

ELEV 18 FT
HEIGHTS RELATED TO
THR RWY 21 ELEV 18 FT

RNP RWY 21
MARIEHAMN AERODROME
MARIEHAMN, FINLAND



CHG: Data Block REF



OCA (H)	A	B	C
LPV	276 (259)	292 (275)	303 (286)
LNAV/VNAV	449 (432)	464 (447)	476 (459)
LNAV	510 (500)		
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)	
	kt	90	100	120	140	160
FAF - MAPt 4.9 NM	min:sec	3:17	2:57	2:28	2:06	1:51
Rate of descent	ft/mln	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	Constraints	
			ID	Type	Flyover				LVL	Speed
H21 XERDA RNP APCH	005	IF	XERDA	IAF	-				A1900+	K240-
	010	TF	BEGOV	IF	-	286°	293.6°T	5.0	A1900+	
	020	TF	TIKMO	FAF	-	196°	203.5°T	5.1	A1900+	
	030	TF	RW21	MAPt	Y	196°	203.4°T	4.9		
	040	TF	NARIL	MAHF	Y	196°	203.4°T	10.0	A1900	

EFMA RNP RWY 21										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
H21 BEGOV RNP APCH	010	IF	BEGOV	IAF/IF	-				A1900+	
	020	TF	TIKMO	FAF	-	196°	203.5°T	5.1	A1900+	
	030	TF	RW21	MAPt	Y	196°	203.4°T	4.9		
	040	TF	NARIL	MAHF	Y	196°	203.4°T	10.0	A1900	

EFMA RNP RWY 21										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
H21 KUSUP RNP APCH	005	IF	KUSUP	IAF	-				A1900+	K240-
	010	TF	BEGOV	IF	-	106°	113.4°T	5.0	A1900+	
	020	TF	TIKMO	FAF	-	196°	203.5°T	5.1	A1900+	
	030	TF	RW21	MAPt	Y	196°	203.4°T	4.9		
	040	TF	NARIL	MAHF	Y	196°	203.4°T	10.0	A1900	

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	Speed	MNM HLDG LVL	TIME	DIST NM
BEGOV	203.4°T	196°	Right	K230-	A1900	1 MIN	-
NARIL	293.4°T	286°	Left	K230-	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

SBAS DATA	
Approach ID	E21A
Service Provider	EGNOS
CRC remainder	CE 14 F8 C4
Channel number	65234
Data Block	SEE EFMA AD 2.15 - 3