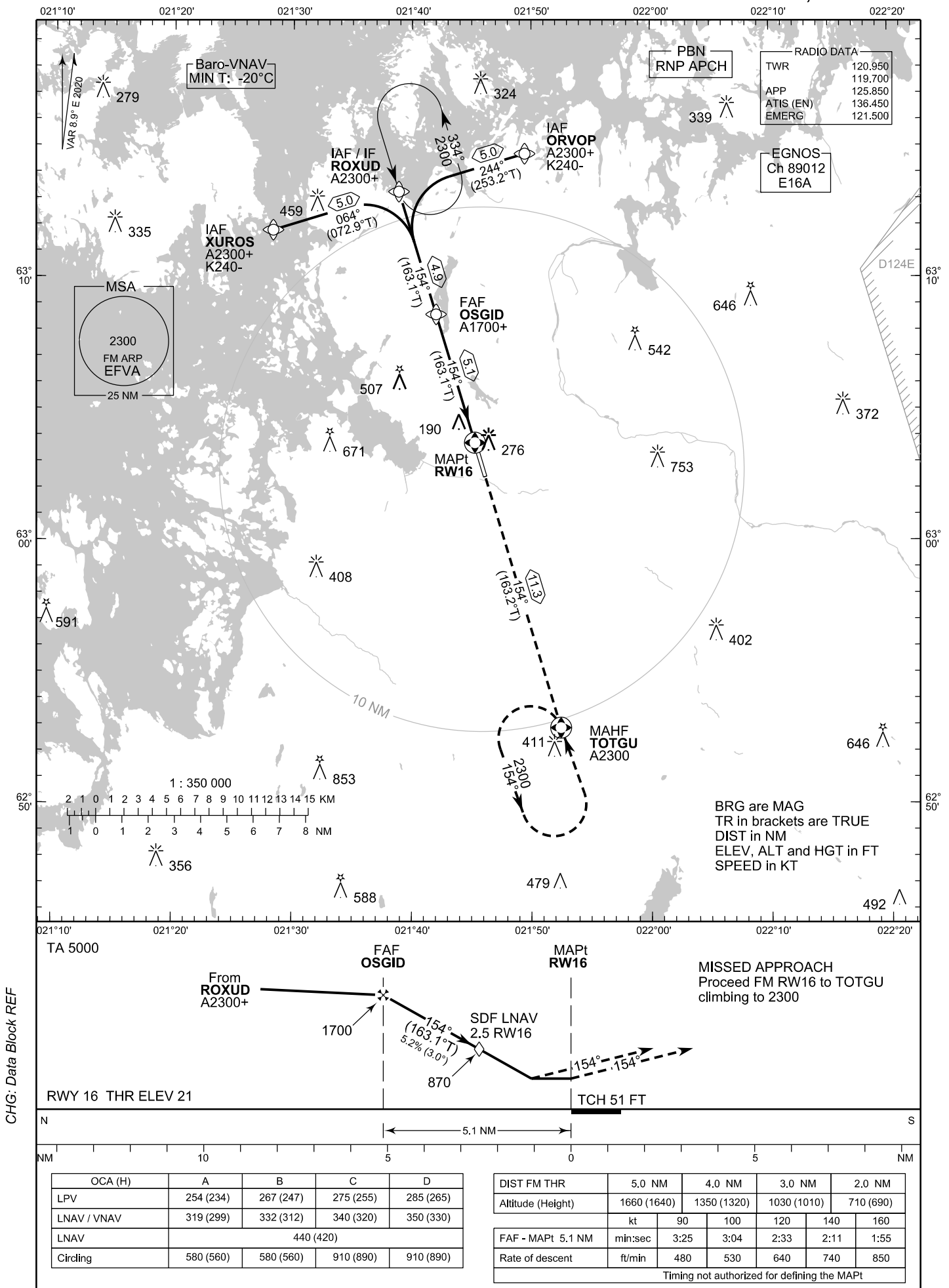


**INSTRUMENT
APPROACH CHART - ICAO**

ELEV 21 FT
HEIGHTS RELATED TO
THR RWY 16 ELEV 21 FT

**RNP RWY 16
VAASA AERODROME
VAASA, FINLAND**



EFVA RNP RWY 16										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
H16 ORVOP RNP APCH	005	IF	ORVOP	IAF	-				A2300+	K240-
	010	TF	ROXUD	IF	-	244°	253.2°T	5.0	A2300+	
	020	TF	OSGID	FAF	-	154°	163.1°T	4.9	A1700+	
	030	TF	RW16	MAPt	Y	154°	163.1°T	5.1		
	040	TF	TOTGU	MAHF	Y	154°	163.2°T	11.3	A2300	

EFVA RNP RWY 16										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
H16 ROXUD RNP APCH	010	IF	ROXUD	IAF/IF	-				A2300+	
	020	TF	OSGID	FAF	-	154°	163.1°T	4.9	A1700+	
	030	TF	RW16	MAPt	Y	154°	163.1°T	5.1		
	040	TF	TOTGU	MAHF	Y	154°	163.2°T	11.3	A2300	

EFVA RNP RWY 16										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
H16 XUROS RNP APCH	005	IF	XUROS	IAF	-				A2300+	K240-
	010	TF	ROXUD	IF	-	064°	072.9°T	5.0	A2300+	
	020	TF	OSGID	FAF	-	154°	163.1°T	4.9	A1700+	
	030	TF	RW16	MAPt	Y	154°	163.1°T	5.1		
	040	TF	TOTGU	MAHF	Y	154°	163.2°T	11.3	A2300	

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	Speed	MNM HLDG LVL	TIME	DIST NM
ROXUD	163.2°T	154°	Left	K230-	A2300	1 MIN	-
TOTGU	343.2°T	334°	Left	K230-	A2300	1 MIN	-

WPT COORD
SEE PAGE EFVA AD 2.15 - 1

FINAL APPROACH PARAMETERS			
LNAV Gradient	Baro-VNAV		TCH
	VPA	MNM T	
5.24 % (3.00°)	3.00°	-20°C	51 FT

SBAS DATA	
Approach ID	E16A
Service Provider	EGNOS
CRC remainder	63 93 25 C7
Channel number	89012
Data Block	SEE EFVA AD 2.15 - 3