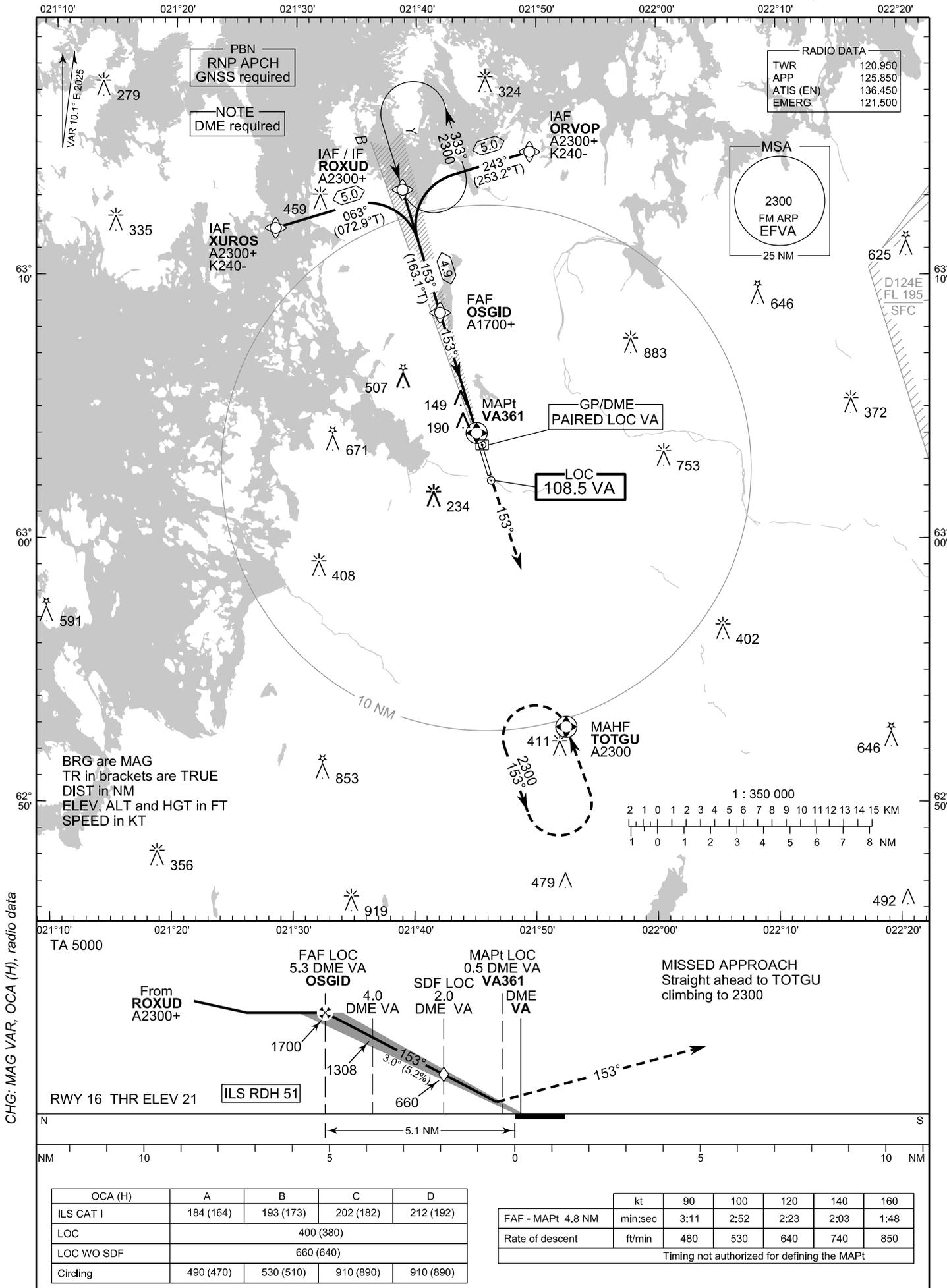


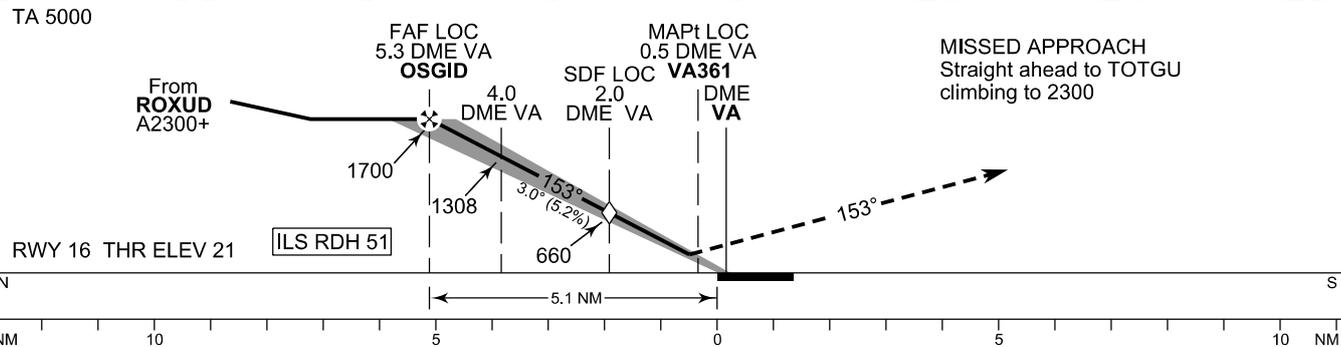
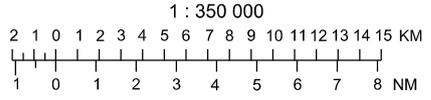
**INSTRUMENT
APPROACH CHART - ICAO**

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

**ILS Z or LOC Z RWY 16
VAASA AERODROME
VAASA, FINLAND**



BRG are MAG
TR in brackets are TRUE
DIST in NM
ELEV, ALT and HGT in FT
SPEED in KT



OCA (H)	A	B	C	D
ILS CAT I	184 (164)	193 (173)	202 (182)	212 (192)
LOC	400 (380)			
LOC WO SDF	660 (640)			
Circling	490 (470)	530 (510)	910 (890)	910 (890)

	kt	90	100	120	140	160
FAF - MAPt 4.8 NM	min:sec	3:11	2:52	2:23	2:03	1:48
Rate of descent	ft/min	480	530	640	740	850

Timing not authorized for defining the MAPt

EFVA ILS Z or LOC Z RWY 16										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
I16 ORVOP RNP APCH	005	IF	ORVOP	IAF	-	243°	253.2°T	5.0	A2300+	K240-
	010	TF	ROXUD	IF	-				153°	163.1°T
	020	TF	OSGID	FAF LOC	-	A1700+				
	030	TF	VA361	MAPt LOC	Y	153°	163.1°T	-		
	040	CA	-	-	-				A500+	
	050	DF	TOTGU	MAHF	Y	-	-	-	A2300	

EFVA ILS Z or LOC Z RWY 16										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
I16 ROXUD RNP APCH	010	IF	ROXUD	IAF/IF	-	153°	163.1°T	4.9	A2300+	
	020	TF	OSGID	FAF LOC	-				A1700+	
	030	TF	VA361	MAPt LOC	Y	153°	163.1°T	-		
	040	CA	-	-	-				A500+	
	050	DF	TOTGU	MAHF	Y	-	-	-	A2300	

EFVA ILS Z or LOC Z RWY 16										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
I16 XUROS RNP APCH	005	IF	XUROS	IAF	-	063°	072.9°T	5.0	A2300+	K240-
	010	TF	ROXUD	IF	-				153°	163.1°T
	020	TF	OSGID	FAF LOC	-	A1700+				
	030	TF	VA361	MAPt LOC	Y	153°	163.1°T	-		
	040	CA	-	-	-				A500+	
	050	DF	TOTGU	MAHF	Y	-	-	-	A2300	

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	Speed	MNM HLDG LVL	TIME	DIST NM
ROXUD	163.2°T	153°	Left	K230-	A2300	1 MIN	-
TOTGU	343.2°T	333°	Left	K230-	A2300	1 MIN	-

WPT COORD
SEE PAGE EFVA AD 2.15 - 1

FINAL APPROACH PARAMETERS			
LOC Gradient	ILS		RDH
	CAT	GPA	
5.24 % (3.00°)	I	3.00°	51 FT