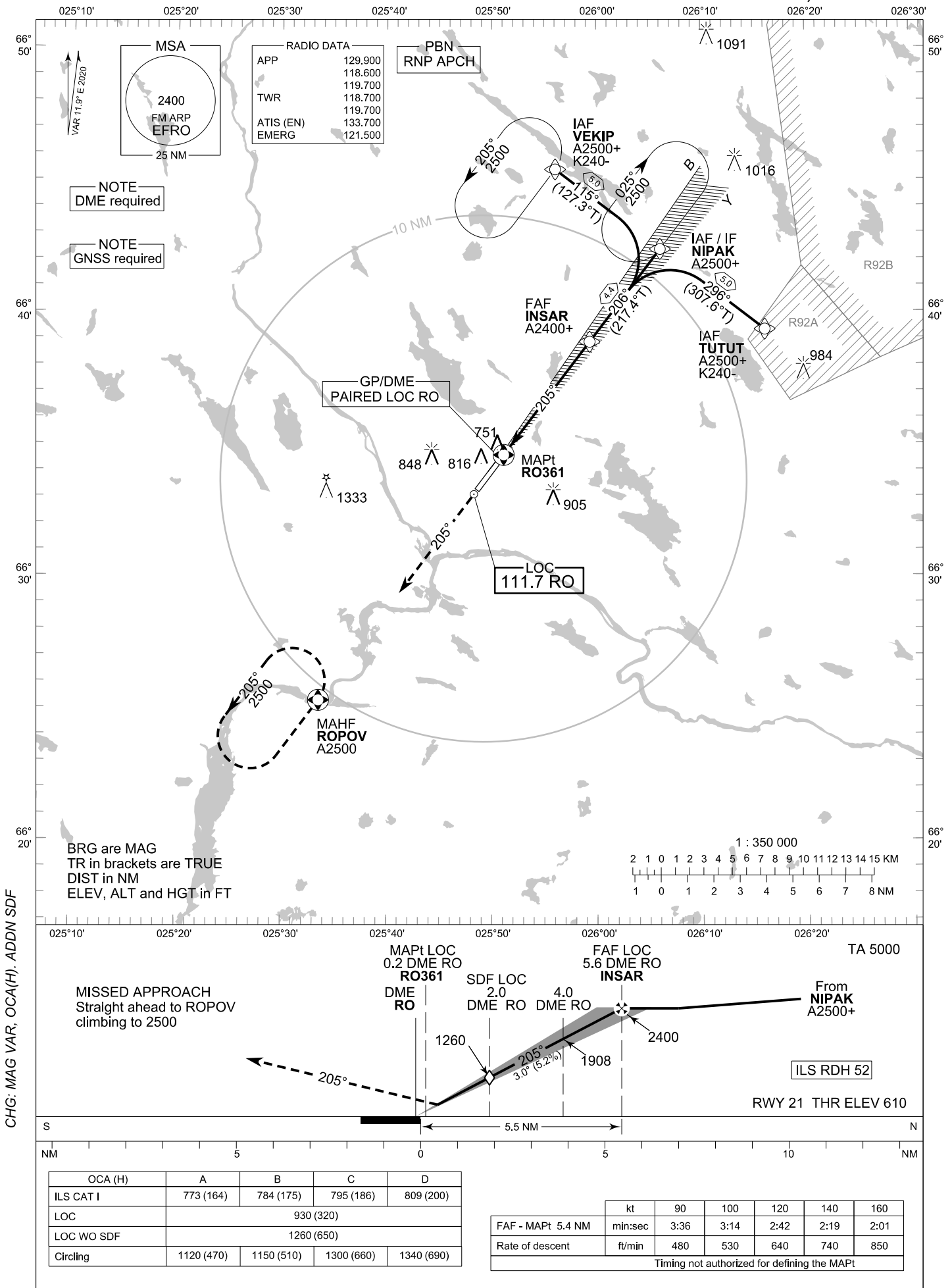


**INSTRUMENT
APPROACH CHART - ICAO**

ELEV 643 FT
HEIGHTS RELATED TO
THR RWY 21 ELEV 610 FT

**ILS Z or LOC Z RWY 21
ROVANIEMI AERODROME
ROVANIEMI, FINLAND**



CHG: MAG VAR, OCA(H), ADDN SDF

EFRO ILS Z or LOC Z RWY 21										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Type	Flyover				LVL	Speed
I21 TUTUT RNP APCH	005	IF	TUTUT	IAF	-	296°	5.0	L	A2500+	K240-
	010	TF	NIPAK	IF	-	307.6°T			A2500+	
	020	TF	INSAR	FAF LOC	-	206° 217.4°T	4.4	A2400+		
	030	TF	RO361	MAPt LOC	Y	205° 216.9°T	-			
	040	CA	-	-	-	-	-	A1100+		
	050	DF	ROPOV	MAHF	Y	-	-	A2500		

EFRO ILS Z or LOC Z RWY 21										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Type	Flyover				LVL	Speed
I21 NIPAK RNP APCH	010	IF	NIPAK	IAF/IF	-	206°	4.4		A2500+	
	020	TF	INSAR	FAF LOC	-	217.4°T		A2400+		
	030	TF	RO361	MAPt LOC	Y	205° 216.9°T	-			
	040	CA	-	-	-	-	-	A1100+		
	050	DF	ROPOV	MAHF	Y	-	-	A2500		

EFRO ILS Z or LOC Z RWY 21										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG GEO TR	DIST NM	Turn Direction	Constraints	
			ID	Type	Flyover				LVL	Speed
I21 VEKIP RNP APCH	005	IF	VEKIP	IAF	-	115°	5.0	R	A2500+	K240-
	010	TF	NIPAK	IF	-	127.3°T			A2500+	
	020	TF	INSAR	FAF LOC	-	206° 217.4°T	4.4	A2400+		
	030	TF	RO361	MAPt LOC	Y	205° 216.9°T	-			
	040	CA	-	-	-	-	-	A1100+		
	050	DF	ROPOV	MAHF	Y	-	-	A2500		

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	MAX IAS	MNM HLDG LVL	TIME	DIST NM
NIPAK	217.2°T	205°	Right	230 KT	A2500	1 MIN	-
VEKIP	037.1°T	025°	Left	230 KT	A2500	1 MIN	-
ROPOV	037.2°T	025°	Left	230 KT	A2500	1 MIN	-

WPT COORD
SEE PAGE EFRO AD 2.15 - 1

FINAL APPROACH PARAMETERS			
LOC Gradient	ILS		RDH
	CAT	GPA	
5.24 % (3.00°)	I	3.00°	52 FT