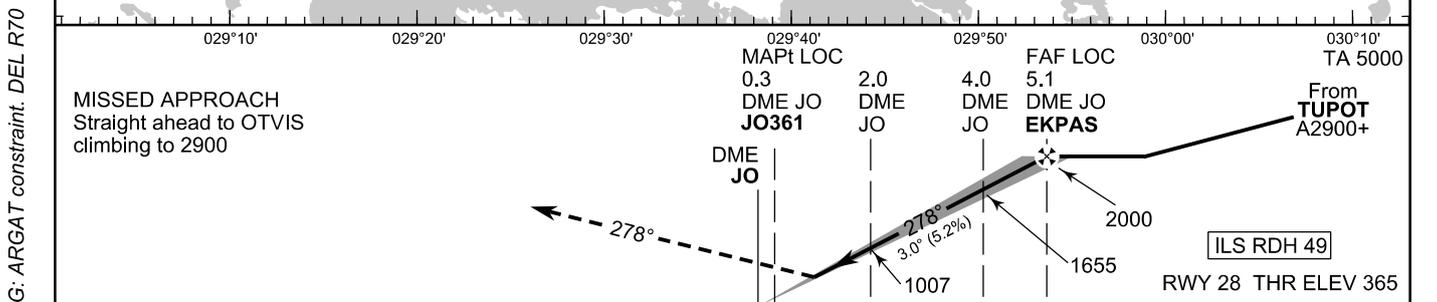
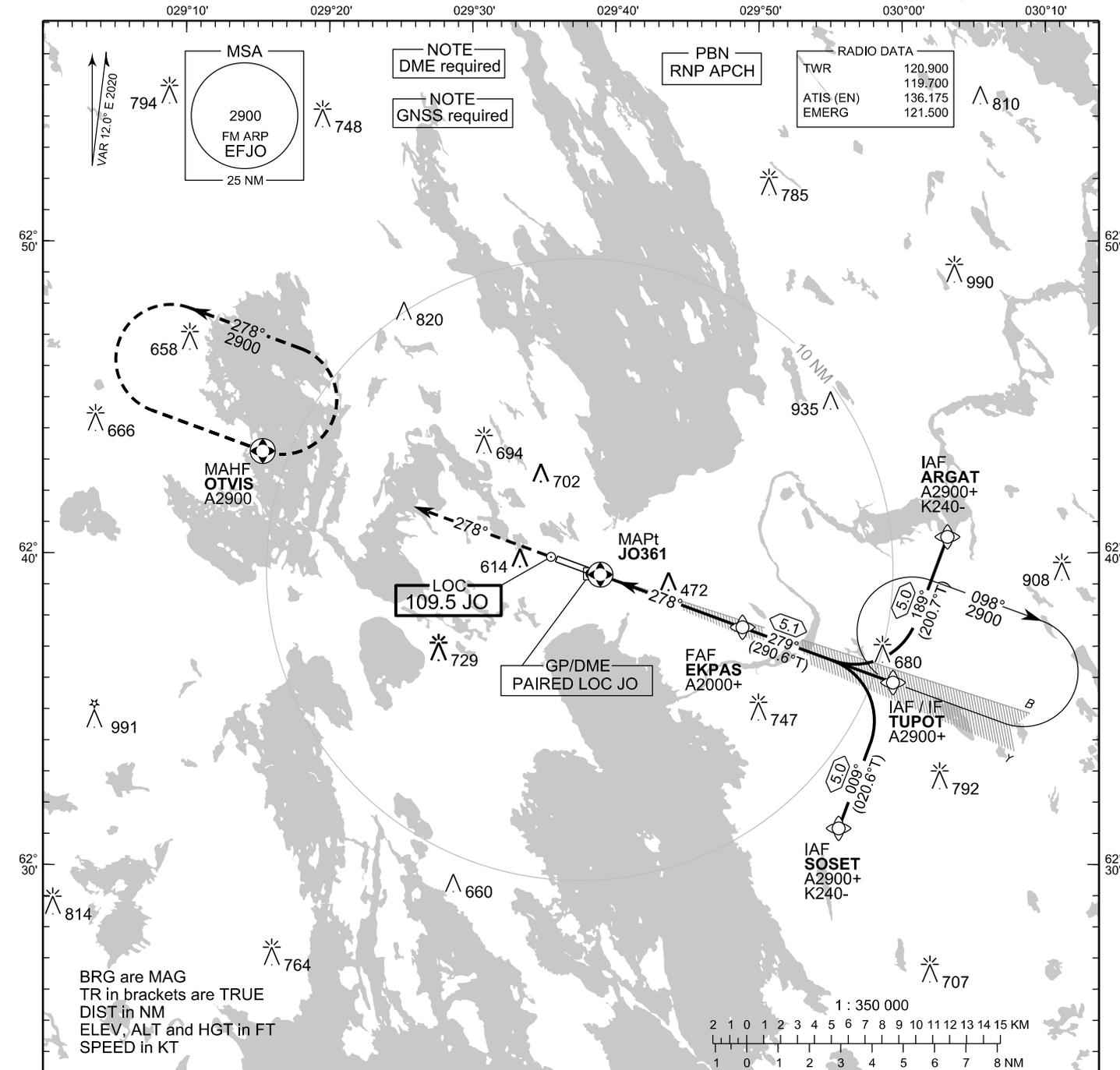


**INSTRUMENT
APPROACH CHART - ICAO**

ELEV 399 FT
HEIGHTS RELATED TO
THR RWY 28 ELEV 365 FT

**ILS or LOC RWY 28
JOENSUU AERODROME
JOENSUU, FINLAND**



OCA (H)	A	B	C	D
ILS CAT I	517 (152)	527 (162)	539 (174)	552 (187)
LOC	720 (360)			
Circling	910 (510)	1000 (600)	1100 (700)	1130 (730)

	kt	90	100	120	140	160
FAF - MAPt 4.8 NM	min:sec	3:14	2:54	2:25	2:04	1:49
Rate of descent	ft/min	480	530	640	740	850

Timing not authorized for defining the MAPt

CHG: ARGAT constraint. DEL R70

EFJO ILS or LOC RWY 28										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
I28 SOSET RNP APCH	005	IF	SOSET	IAF	-	009°	020.6°T	5.0	A2900+	K240-
	010	TF	TUPOT	IF	-				279°	290.6°T
	020	TF	EKPAS	FAF LOC	-					
	030	TF	JO361	MAPt LOC	Y	278°	290.0°T	-	A800+	
	040	CA	-	-	-					
	050	DF	OTVIS	MAHF	Y	-	-	-	A2900	

EFJO ILS or LOC RWY 28										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
I28 TUPOT RNP APCH	010	IF	TUPOT	IAF/IF	-	279°	290.6°T	5.1	A2900+	
	020	TF	EKPAS	FAF LOC	-					
	030	TF	JO361	MAPt LOC	Y	278°	290.0°T	-	A800+	
	040	CA	-	-	-					
	050	DF	OTVIS	MAHF	Y	-	-	-	A2900	

EFJO ILS or LOC RWY 28										
PROC ID NAV SPEC	SEQ NR	P/T	WPT			MAG	GEO TR	DIST NM	Constraints	
			ID	Type	Flyover				LVL	Speed
I28 ARGAT RNP APCH	005	IF	ARGAT	IAF	-	189°	200.7°T	5.0	A2900+	K240-
	010	TF	TUPOT	IF	-				279°	290.6°T
	020	TF	EKPAS	FAF LOC	-					
	030	TF	JO361	MAPt LOC	Y	278°	290.0°T	-	A800+	
	040	CA	-	-	-					
	050	DF	OTVIS	MAHF	Y	-	-	-	A2900	

RNAV Holdings							
ID	INBD TR	INBD MAG	Turn Direction	Speed	MNM HLDG LVL	TIME	DIST NM
TUPOT	290.3°T	278°	Right	K230-	A2900	1 MIN	-
OTVIS	110.3°T	098°	Left	K230-	A2900	1 MIN	-

WPT COORD
SEE PAGE EFJO AD 2.15 - 1

FINAL APPROACH PARAMETERS			
LOC Gradient	ILS		RDH
	CAT	GPA	
5.24 % (3.00°)	I	3.00°	49 FT