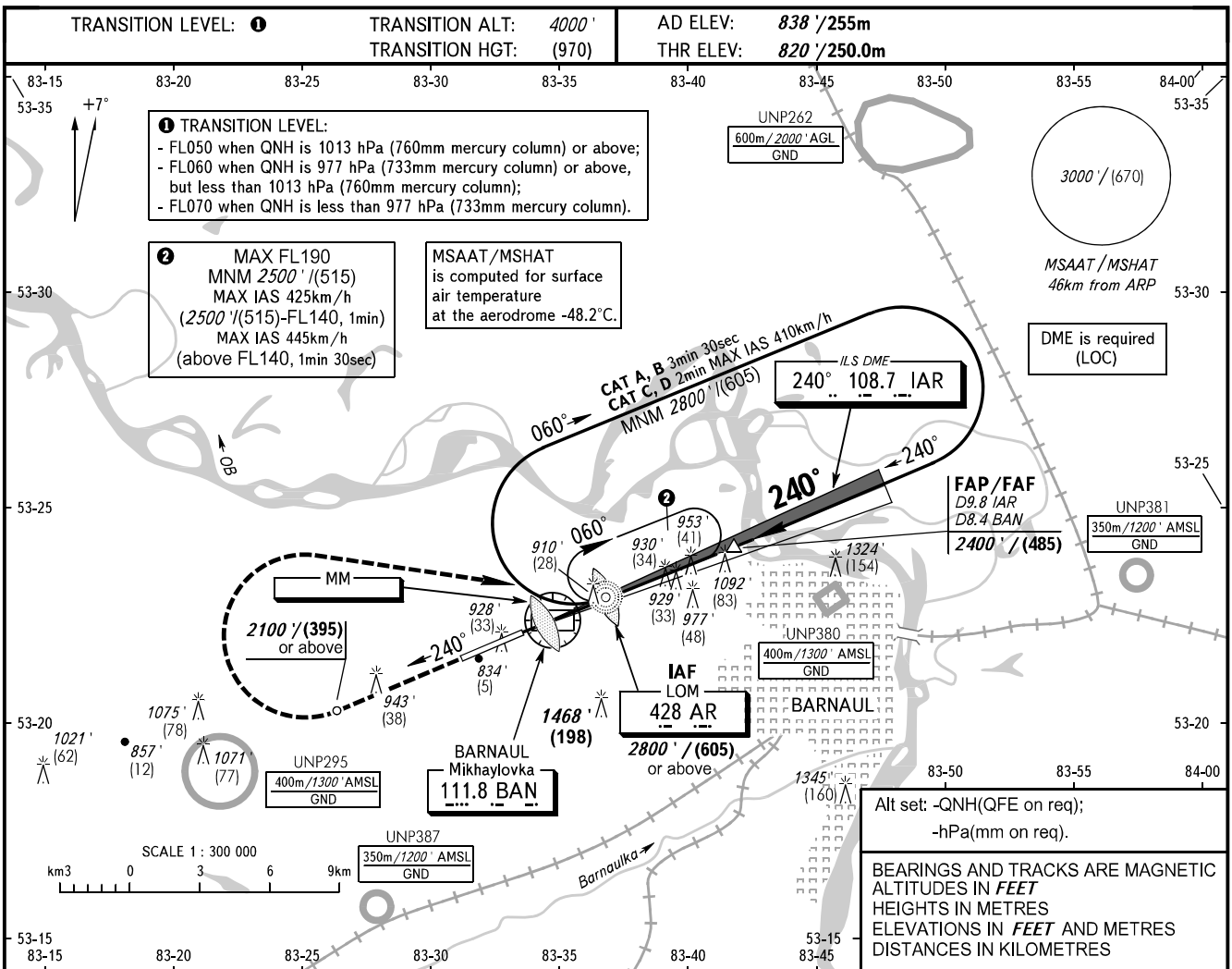


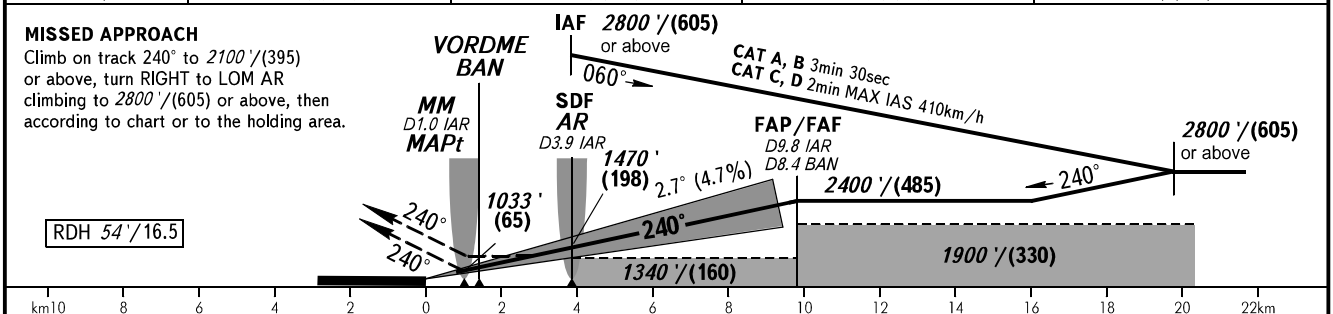
**INSTRUMENT
APPROACH
CHART - ICAO**

TOWER **123.500**

**BARNAUL, RUSSIA
MIKHAYLOVKA
ILS X CAT I, LOC X RWY 24**



DME BAN	2.0	4.0	6.0	8.0
ALTITUDE/HEIGHT	1400' / (177)	1710' / (272)	2020' / (366)	2320' / (458)



OCA(H)		A	B	C	D	
Straight-in Approach	CAT I	968' (148') (46)	978' (158') (49)	988' (168') (52)	1000' (180') (55)	
		With SDF	1160' (340') (105)	1160' (340') (105)	1160' (340') (105)	1160' (340') (105)
		WO SDF	1340' (520') (160)	1340' (520') (160)	1340' (520') (160)	1340' (520') (160)
Circling		1240' (400') (125)	1500' (660') (205)	1870' (1030') (315)	1870' (1030') (315)	

WARNING:
1. MAPt at MM. Timing not authorized for defining MAPt.
2. Visual manoeuvring south of AD is PROHIBITED.
3. Zero range of DME IAR is indicated at RWY 24 THR.

GROUND SPEED	km/h	150	180	210	240	270	300	330	360	390	420	450
		RATE OF DESCENT	m/s	2.0	2.4	2.7	3.1	3.5	3.9	4.3	4.7	5.1
	ft/min	385	463	540	617	694	771	848	925	1002	1079	1156

CHANGE: OCA(H), UNP380, UNP381, UNP387