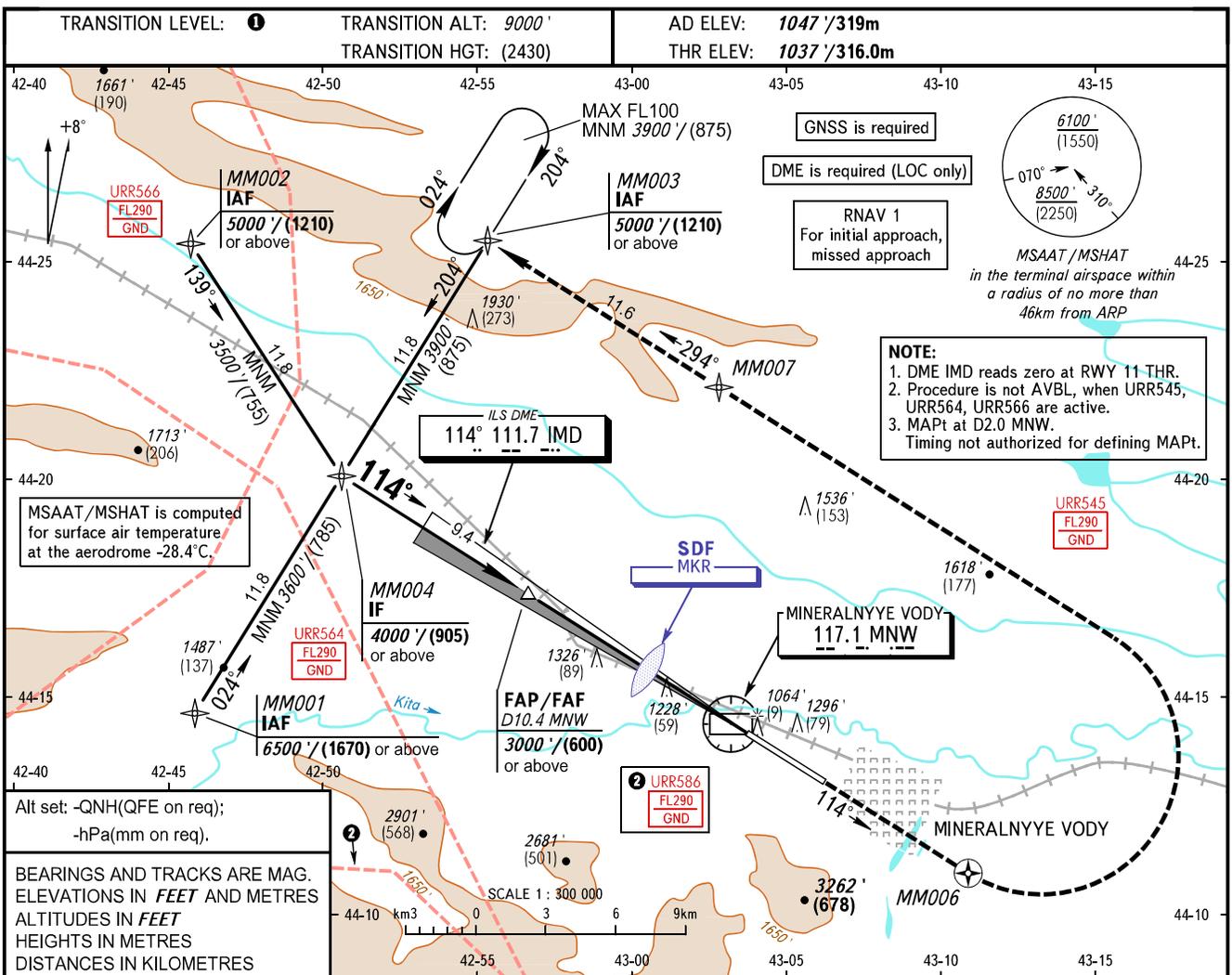


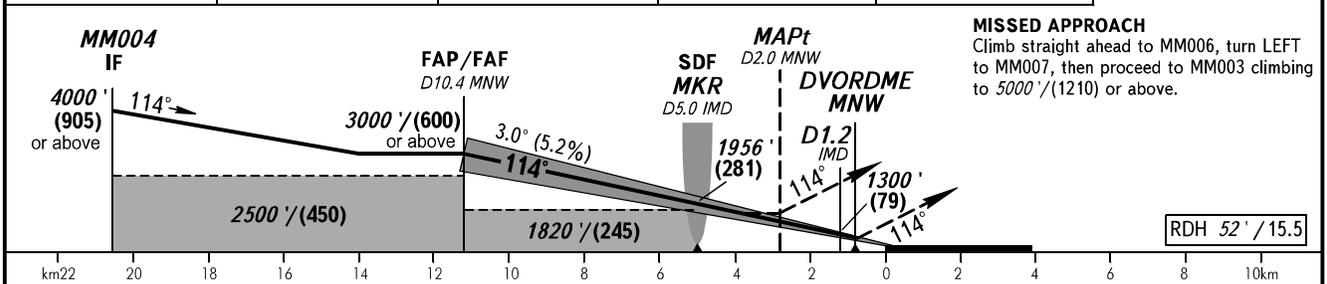
**INSTRUMENT
APPROACH
CHART - ICAO**

RADAR **120.700**
START **128.000**

MINERALNYYE VODY, RUSSIA
MINERALNYYE VODY
ILS Z CAT I/II, LOC Z RWY 11



DME MNW	10.0	8.0	6.0	4.0
ALTITUDE/HEIGHT	2930'/(577)	2589'/(473)	2248'/(369)	1907'/(265)



OCA(H)		A	B	C	D	
Straight-in Approach	CAT I	1194' (158') (49)	1206' (170') (52)	1214' (178') (55)	1225' (189') (58)	
	CAT II	(69')/(22)	(86')/(27)	(98')/(30)	(112')/(35)	
	LOC	With SDF	1720' (690') (215)	1720' (690') (215)	1720' (690') (215)	1720' (690') (215)
		WO SDF	1820' (790') (245)	1820' (790') (245)	1820' (790') (245)	1820' (790') (245)
Circling		1890' (840') (260)	1890' (840') (260)	2180' (1140') (350)	2320' (1280') (395)	

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
	kt	81	97	113	130	146	162	178	194
RATE OF DESCENT	m/s	2.2	2.6	3.0	3.5	3.9	4.3	4.8	5.2
	ft/min	427	512	597	682	768	853	938	1024

CHANGE: New chart