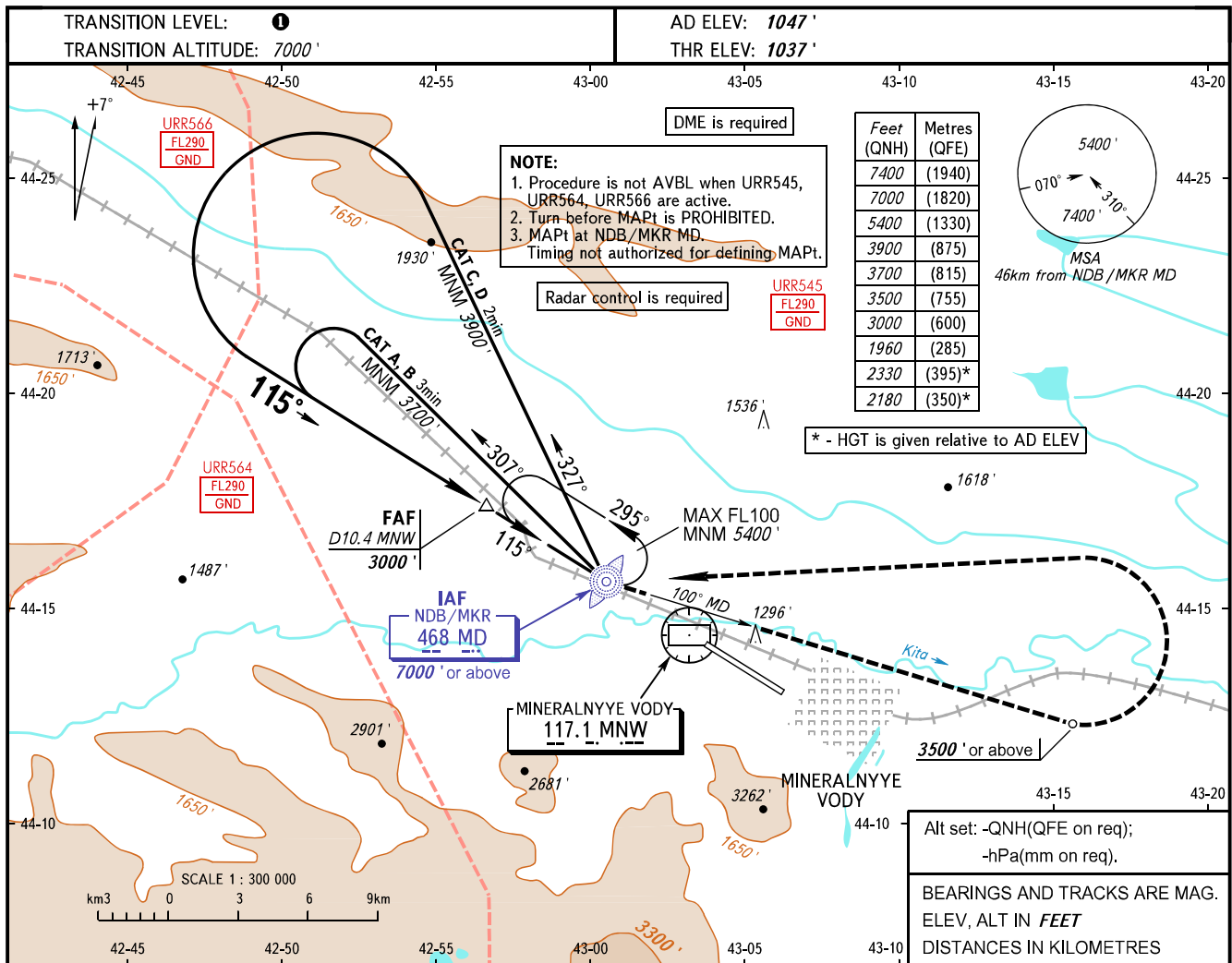


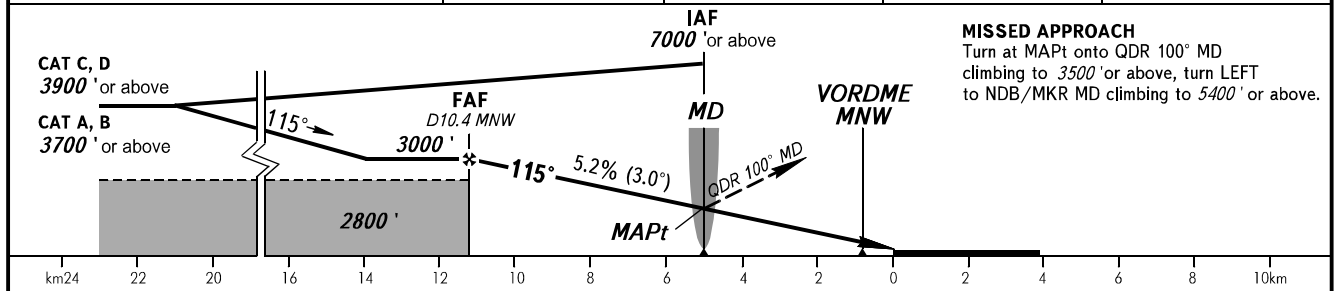
**INSTRUMENT
APPROACH
CHART - ICAO**

KRUG	120.700
START	128.000

MINERALNYYE VODY, RUSSIA
MINERALNYYE VODY
NDB Y RWY 12



DME MNW	10.4	9.0	7.0	5.0
ALTITUDE	3000'	2774'	2430'	2086'



OCA(H)	A	B	C	D						
Straight-in Approach	1960' (920')	1960' (920')	1960' (920')	1960' (920')						
Circling	1960' (920')	1960' (920')	2180' (1130')	2330' (1280')						
GROUND SPEED	km/h	150	180	210	240	270	300	330	360	390
RATE OF DESCENT	m/s	2.2	2.6	3.0	3.5	3.9	4.3	4.8	5.2	5.6
	ft/min	427	512	597	682	768	853	938	1024	1109

① TRANSITION LEVEL:
- FL080 when QNH is 1013 hPa (760mm mercury column) or above;
- FL090 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);
- FL100 when QNH is less than 977 hPa (733mm mercury column).
Visual manoeuvring south of the AD is PROHIBITED.

287°

124°