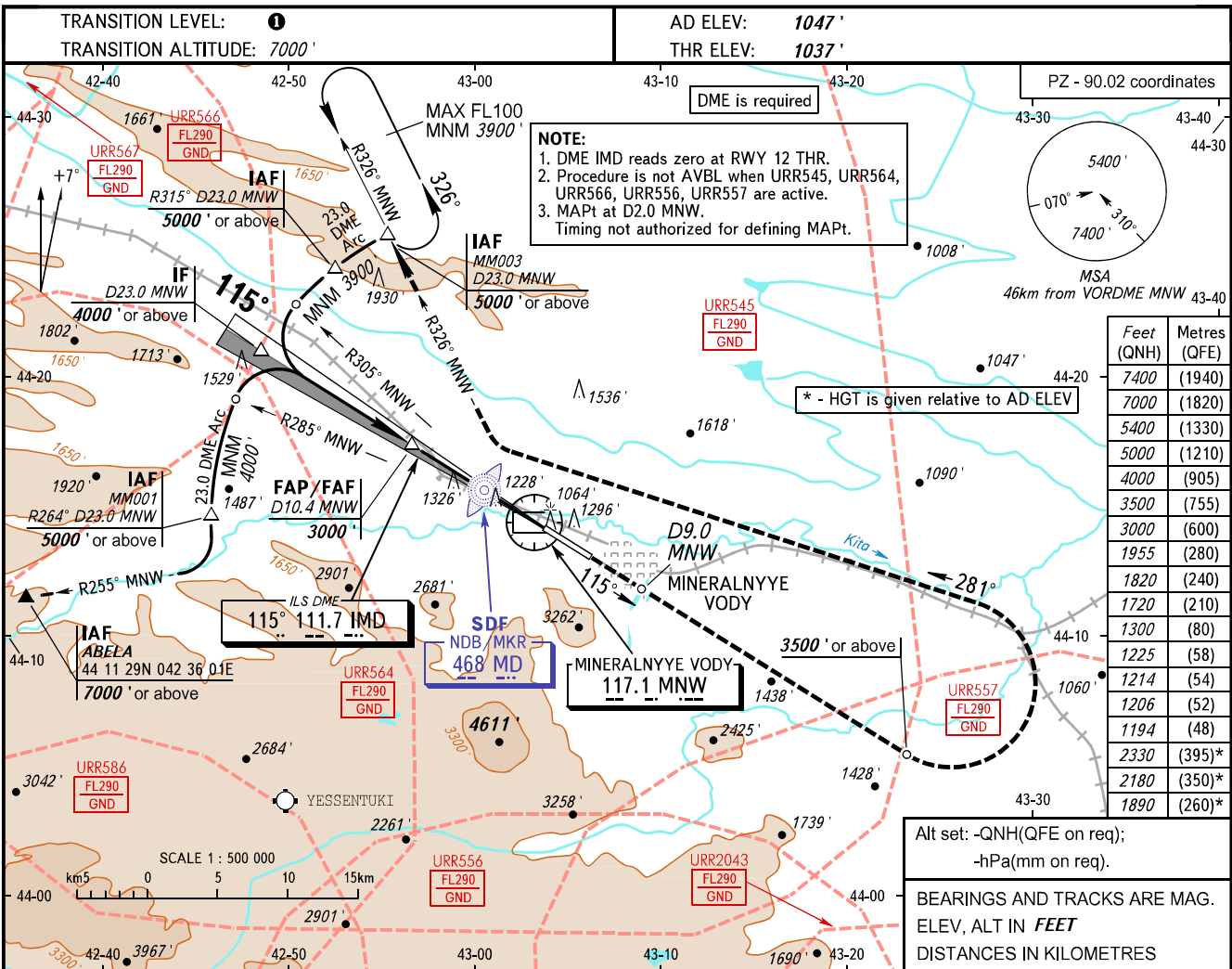


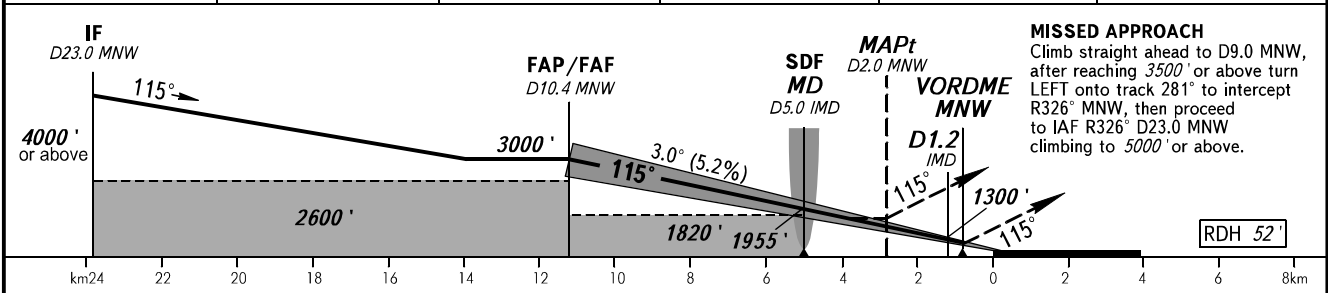
INSTRUMENT
APPROACH
CHART - ICAO

KRUG **120.700**
START **128.000**

MINERALNYE VODY, RUSSIA
MINERALNYE VODY
ILS Y CAT I/II, LOC Y RWY 12



DME MNW	10.4	10.0	8.0	6.0	4.0
ALTITUDE	3000'	2946'	2602'	2258'	1914'



OCA(H)		A	B	C	D	
Straight-in Approach	CAT I	1194' (157')	1206' (169')	1214' (177')	1225' (188')	
	CAT II	(69')	(86')	(98')	(112')	
	LOC	With SDF	1720' (690')	1720' (690')	1720' (690')	1720' (690')
		WO SDF	1820' (790')	1820' (790')	1820' (790')	1820' (790')
Circling		1890' (840')	1890' (840')	2180' (1130')	2330' (1280')	

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.

GROUND SPEED	km/h	150	180	210	240	270	300	330	360	390
	m/s	2.2	2.6	3.0	3.5	3.9	4.3	4.8	5.2	5.6
RATE OF DESCENT	ft/min	427	512	597	682	768	853	938	1024	1109