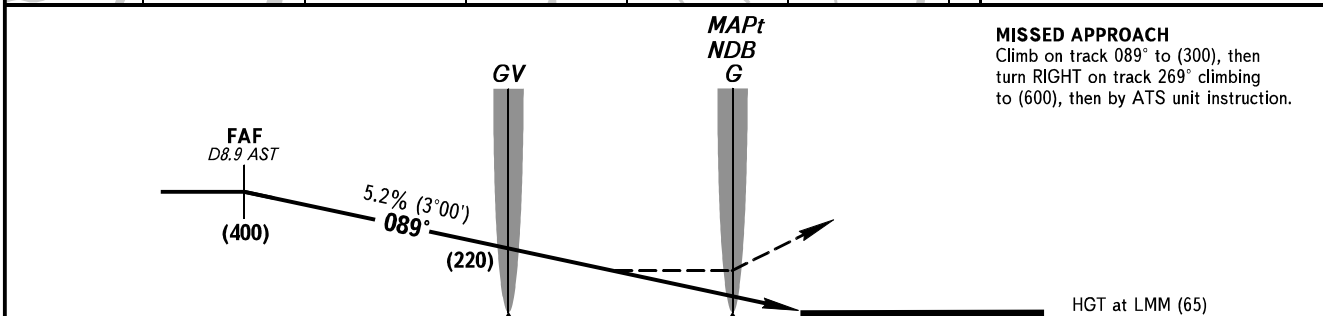
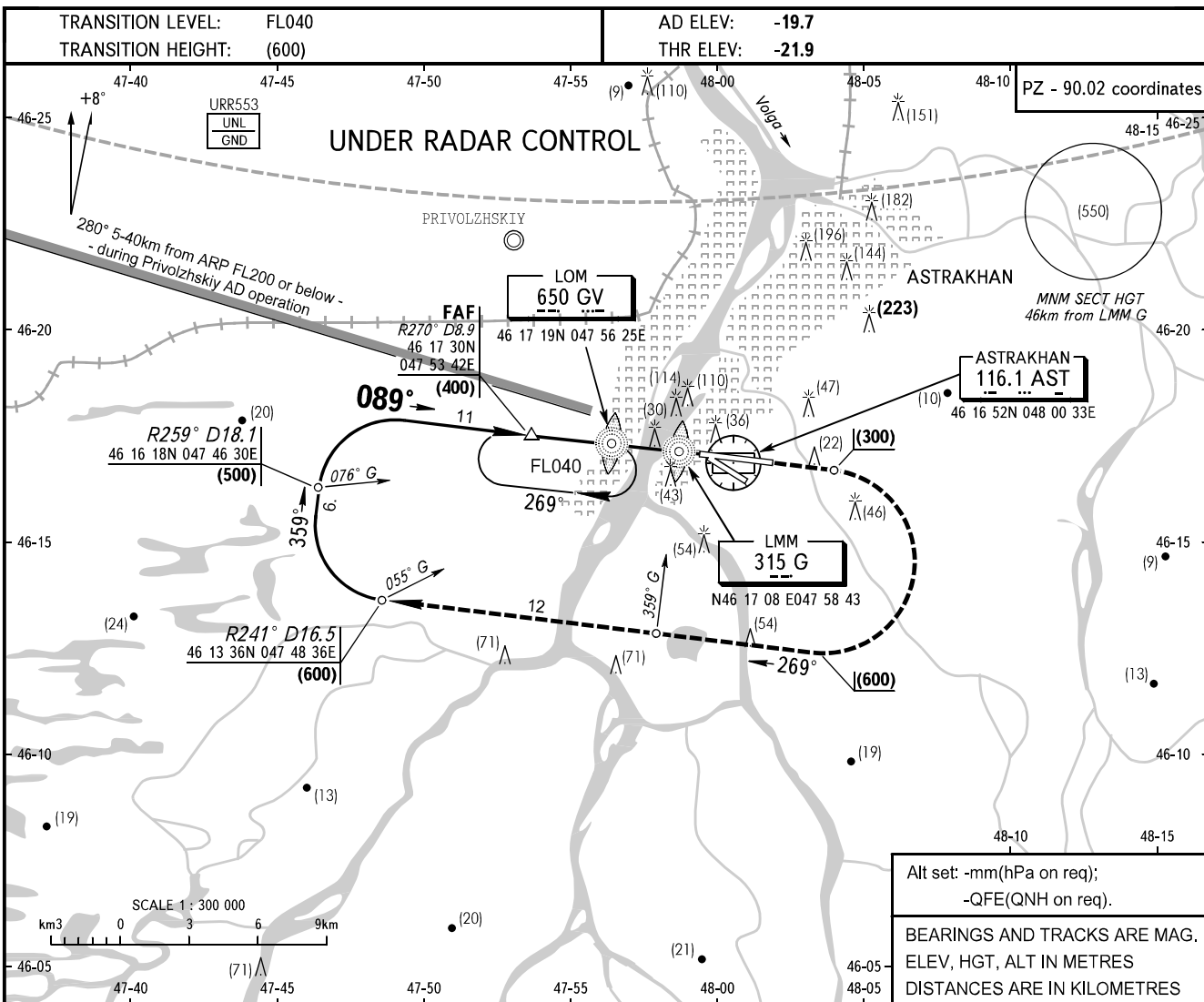


**INSTRUMENT  
APPROACH  
CHART - ICAO**

KRUG	120.600
TOWER	118.600

**ASTRAKHAN, RUSSIA**  
ASTRAKHAN  
NDB (LMM) RWY 09



OCA/H		A	B	C	D								
Straight-in	Approach												
	With FAF	124(145)	124(145)	124(145)	124(145)								
	WO FAF	199(220)	199(220)	199(220)	199(220)								
GROUND SPEED	km/h	150	180	210	240	270	300	330	360	390	420	450	
FAF-MAPt	6444m	min:sec	2.35	2.09	1.50	1.37	1.26	1.17	1.10	1.04	0.59	0.55	0.52
RATE OF DESCENT		m/s	2.2	2.7	3.1	3.5	4.0	4.5	4.9	5.3	5.7	6.2	6.6

**WARNING**  
Heavy turbulence with down-draughts and windshear may be expected on final.