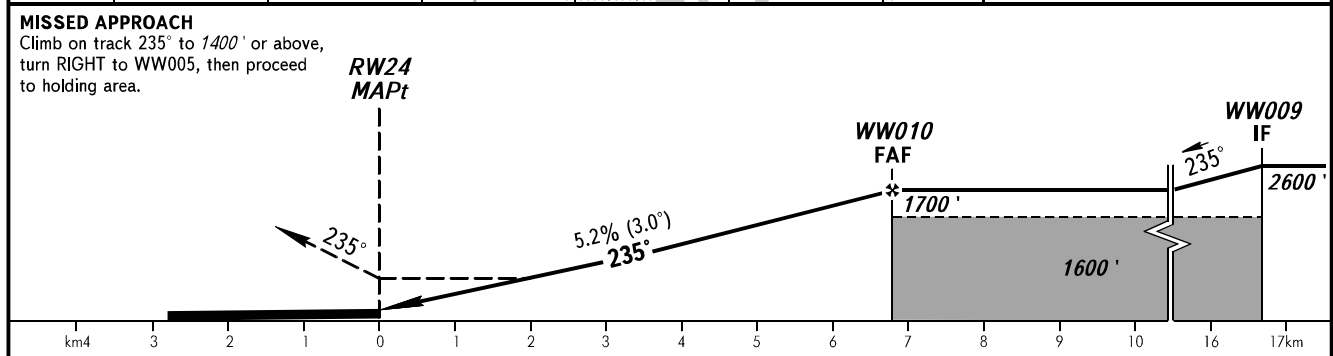
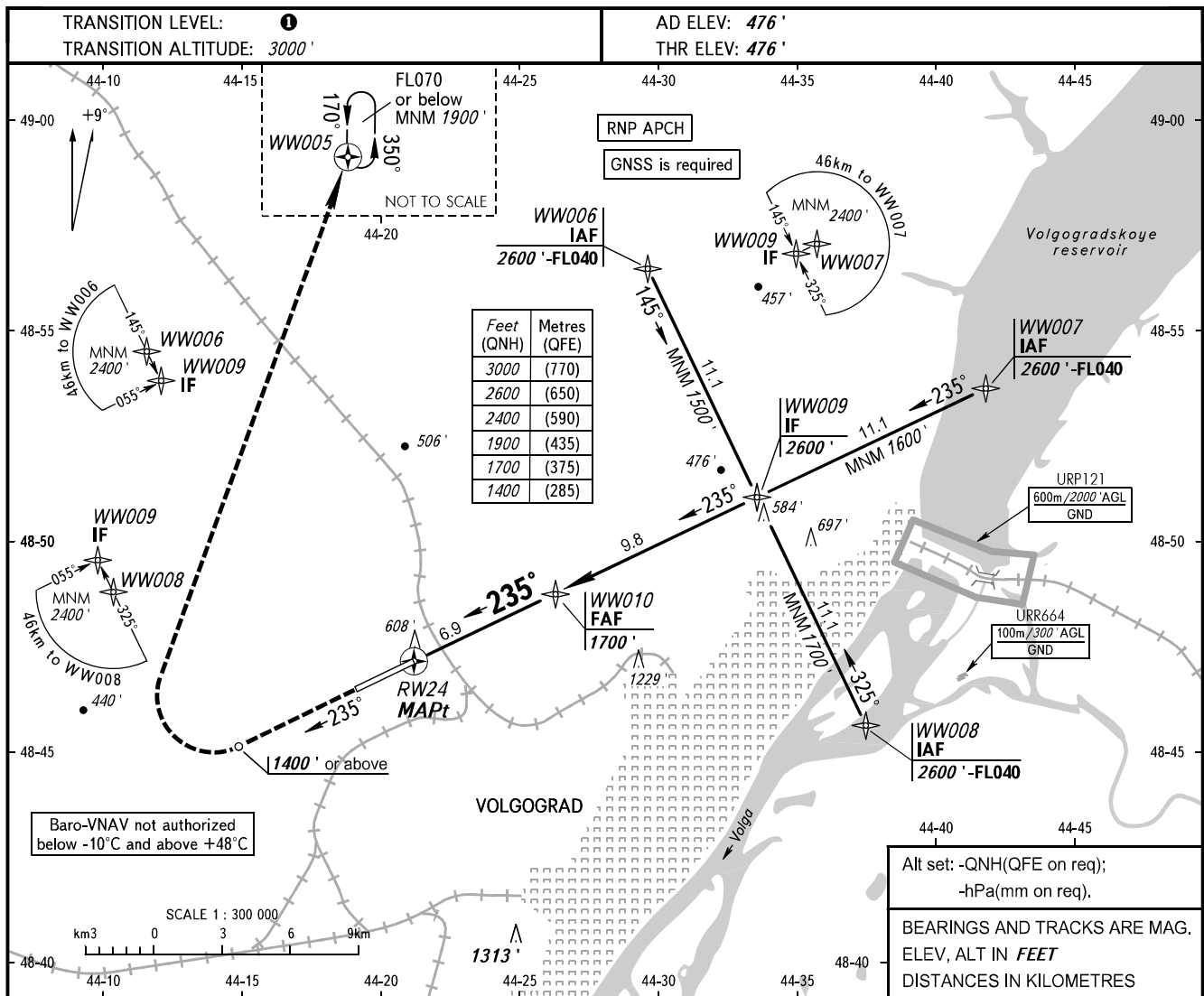


**INSTRUMENT  
APPROACH  
CHART - ICAO**

TOWER **128.000**

**VOLGOGRAD, RUSSIA**  
GUMRAK  
RNP RWY 24



OCA(H)		A	B	C	D
Straight-in	LNAV	860' (380')	860' (380')	860' (380')	860' (380')
	LNAV/VNAV	770' (300')	780' (310')	800' (330')	810' (340')
Approach					
Circling		910' (430')	970' (500')	1070' (600')	1260' (780')

**① TRANSITION LEVEL:**  
- FL040 when QNH is 1013 hPa (760mm mercury column) or above;  
- FL050 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);  
- FL060 when QNH is less than 977 hPa (733mm mercury column).

**WARNING**  
MAPt at RW24. Timing not authorized for defining MAPt.

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