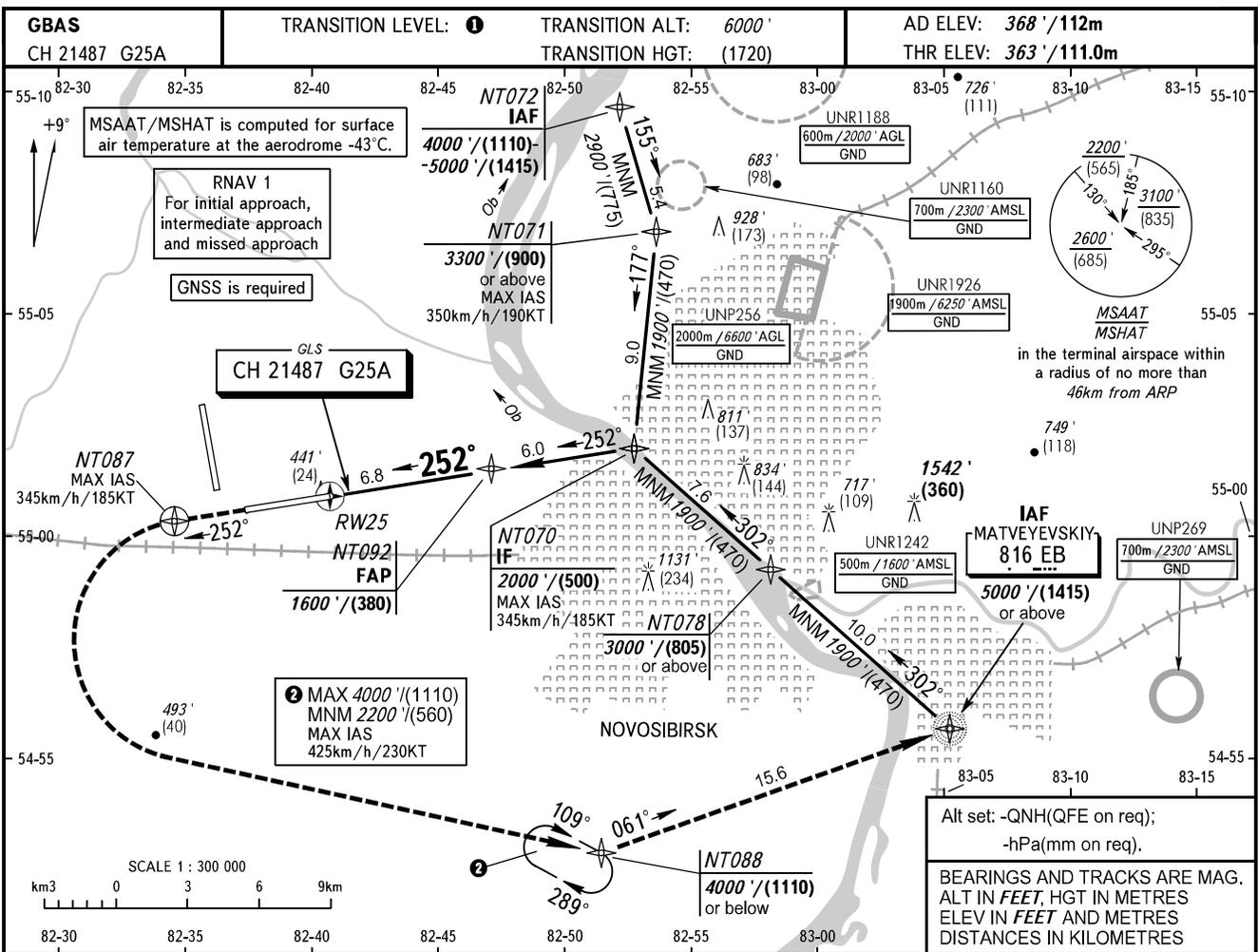


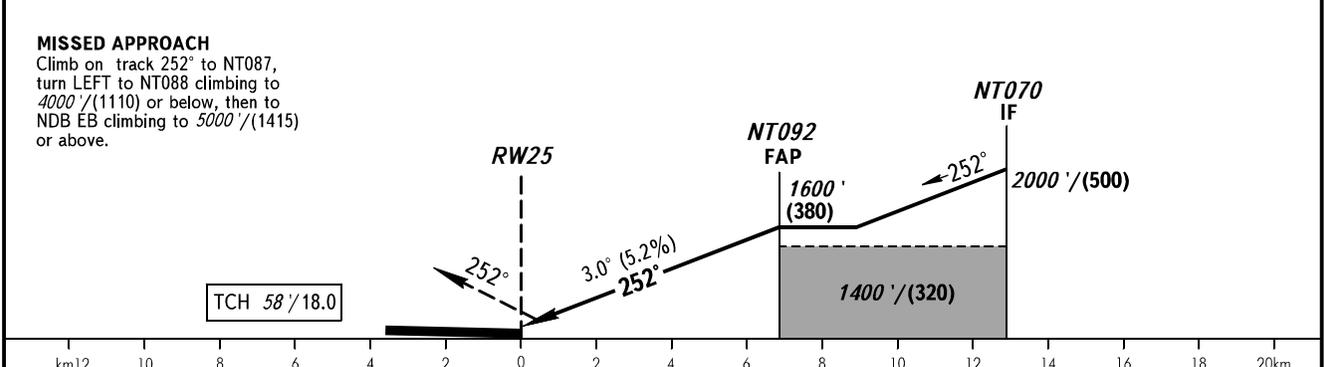
**INSTRUMENT  
APPROACH  
CHART - ICAO**

**NOVOSIBIRSK, RUSSIA  
TOLMACHEVO  
GLS RWY 25**

RADAR **122.000**  
TOWER **118.500**



Alt set: -QNH(QFE on req);  
-hPa(mm on req).  
BEARINGS AND TRACKS ARE MAG.  
ALT IN FEET, HGT IN METRES  
ELEV IN FEET AND METRES  
DISTANCES IN KILOMETRES



OCA(H)		A	B	C	D
Straight-in Approach	<b>CAT I</b>	502' (139') (43)	510' (147') (45)	522' (159') (49)	537' (174') (54)

**1** TRANSITION LEVEL:  
- FL070 when QNH is 1013 hPa (760mm mercury column) or above;  
- FL080 when QNH is 977 hPa (733mm mercury column) or above,  
but less than 1013 hPa (760mm mercury column);  
- FL090 when QNH is less than 977 hPa (733mm mercury column).

GROUND SPEED	km/h	150	180	210	240	270	300	330	360	390	420	450
	kt	81	97	113	130	146	162	178	194	211	227	243
RATE OF DESCENT	m/s	2.2	2.6	3.0	3.5	3.9	4.3	4.8	5.2	5.6	6.1	6.5
	ft/min	427	512	597	682	768	853	938	1024	1109	1194	1280