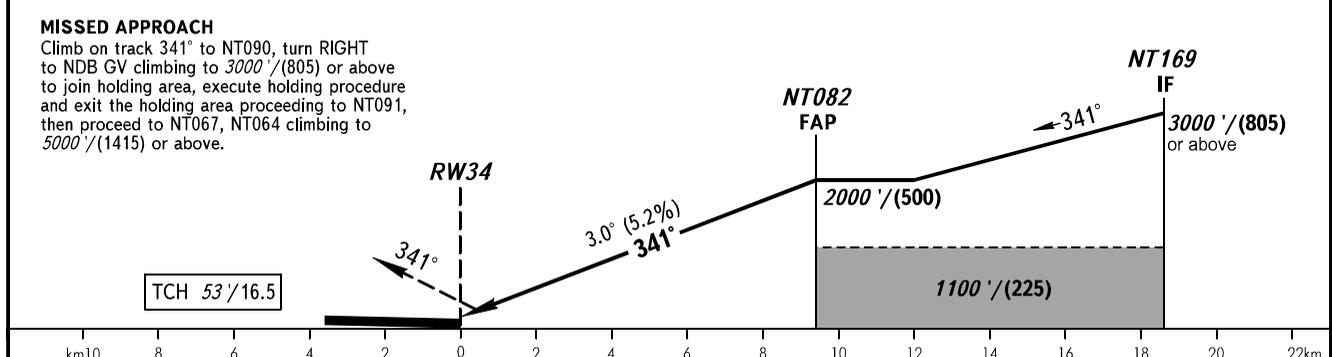
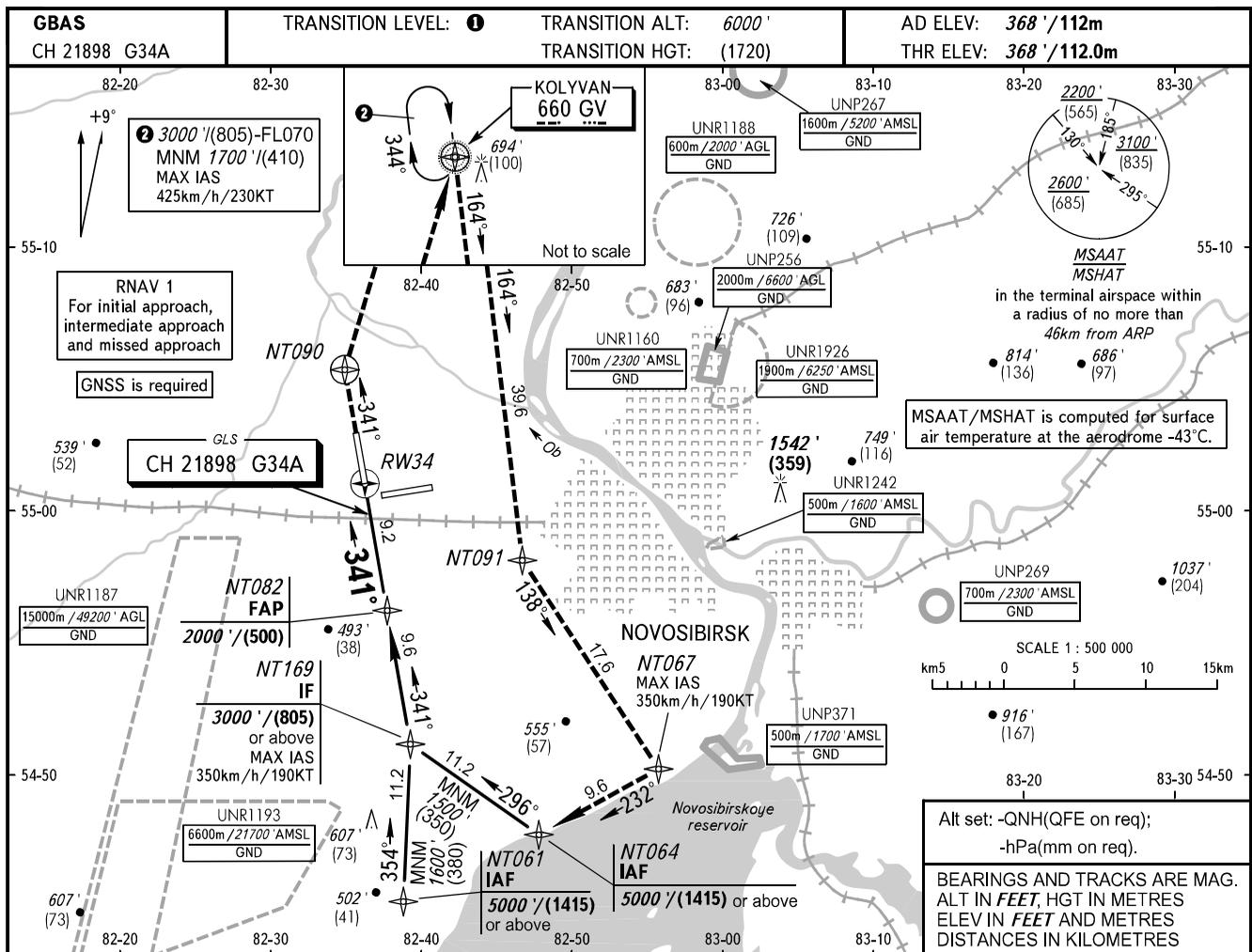


INSTRUMENT  
APPROACH  
CHART - ICAO

NOVOSIBIRSK, RUSSIA  
TOLMACHEVO  
GLS RWY 34

RADAR TOWER 122.000  
TOWER 126.700



OCA(H)		A	B	C	D	
Straight-in Approach	CAT I	② 2.5%	531' (163') (50)	541' (173') (53)	570' (202') (62)	580' (212') (65)
		② 3.0%	531' (163') (50)	541' (173') (53)	551' (183') (56)	561' (193') (59)
② MNM climb gradient for missed APCH						

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

CHANGE: NIL