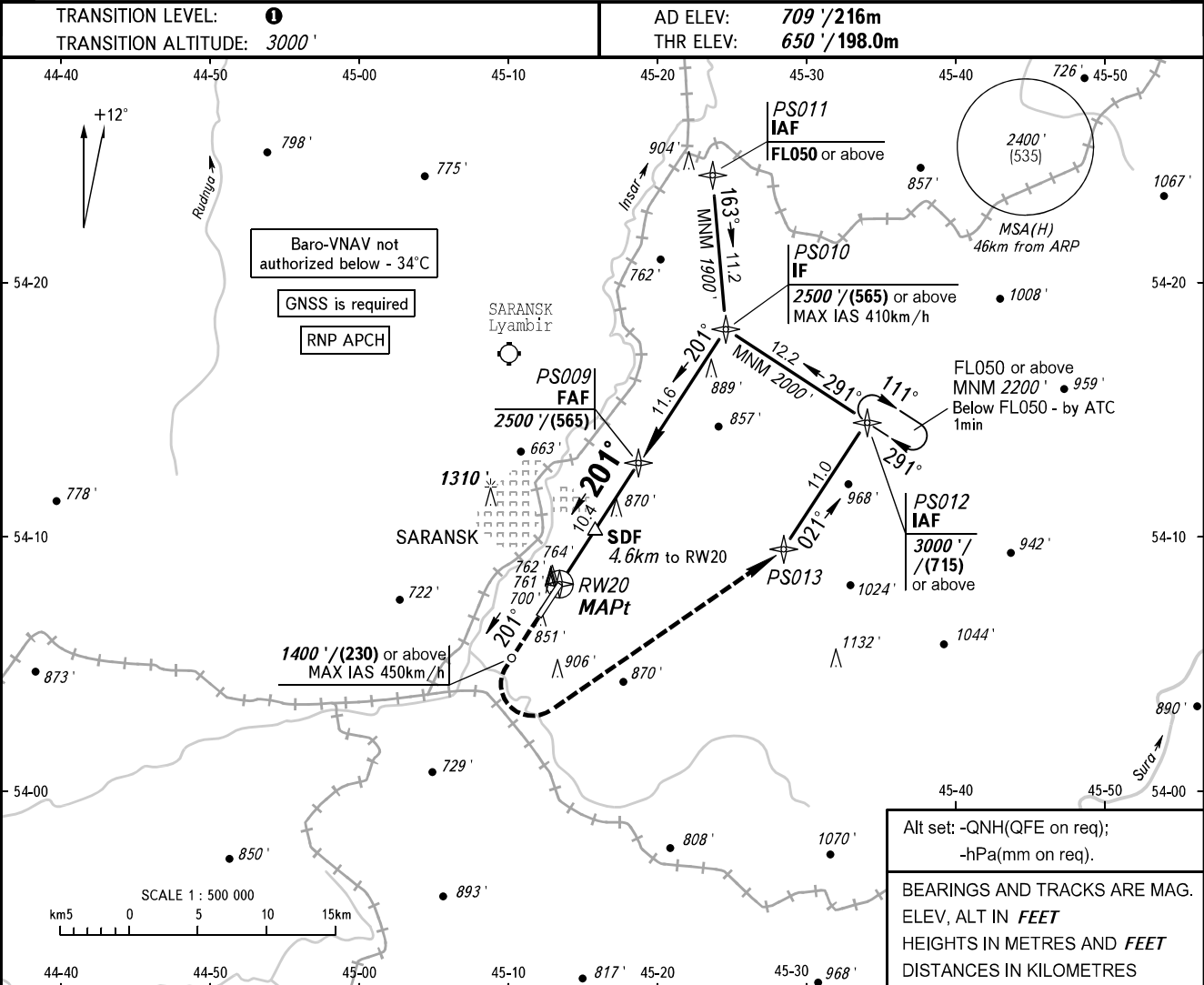


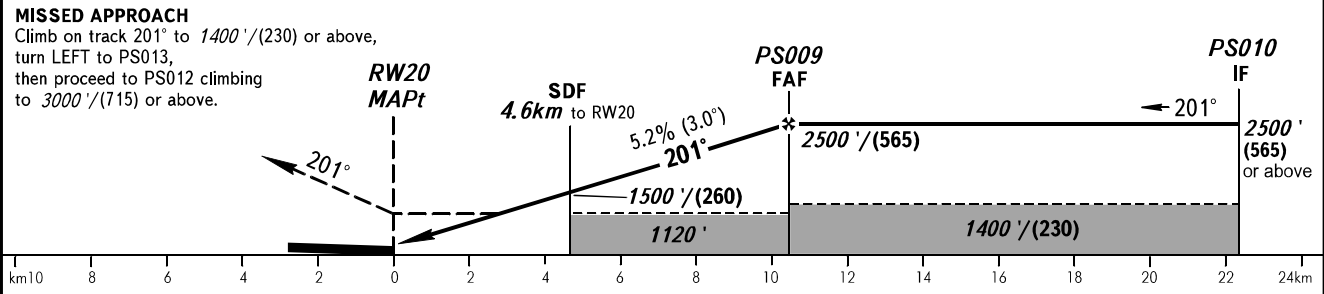
INSTRUMENT
APPROACH
CHART - ICAO

TOWER118.100

SARANSK, RUSSIA
SARANSK
RNP RWY 20



DIST to RW20	2.0	4.0	6.0	8.0	10.4
ALTITUDE/HEIGHT	1040' / (120)	1390' / (230)	1730' / (330)	2080' / (440)	2500' / (565)



OCA(H)		A	B	C	D	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). NOTE MAPt at RW20. Timing not authorized for defining MAPt.						
Straight-in Approach	LNAV	1010' (360') (110)	1010' (360') (110)	1010' (360') (110)	1010' (360') (110)							
	LNAV/VNAV	970' (320') (100)	980' (330') (105)	1000' (350') (110)	1020' (370') (115)							
Circling		1150' (440') (155)	1210' (500') (175)	1710' (1000') (325)	1710' (1000') (325)							
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