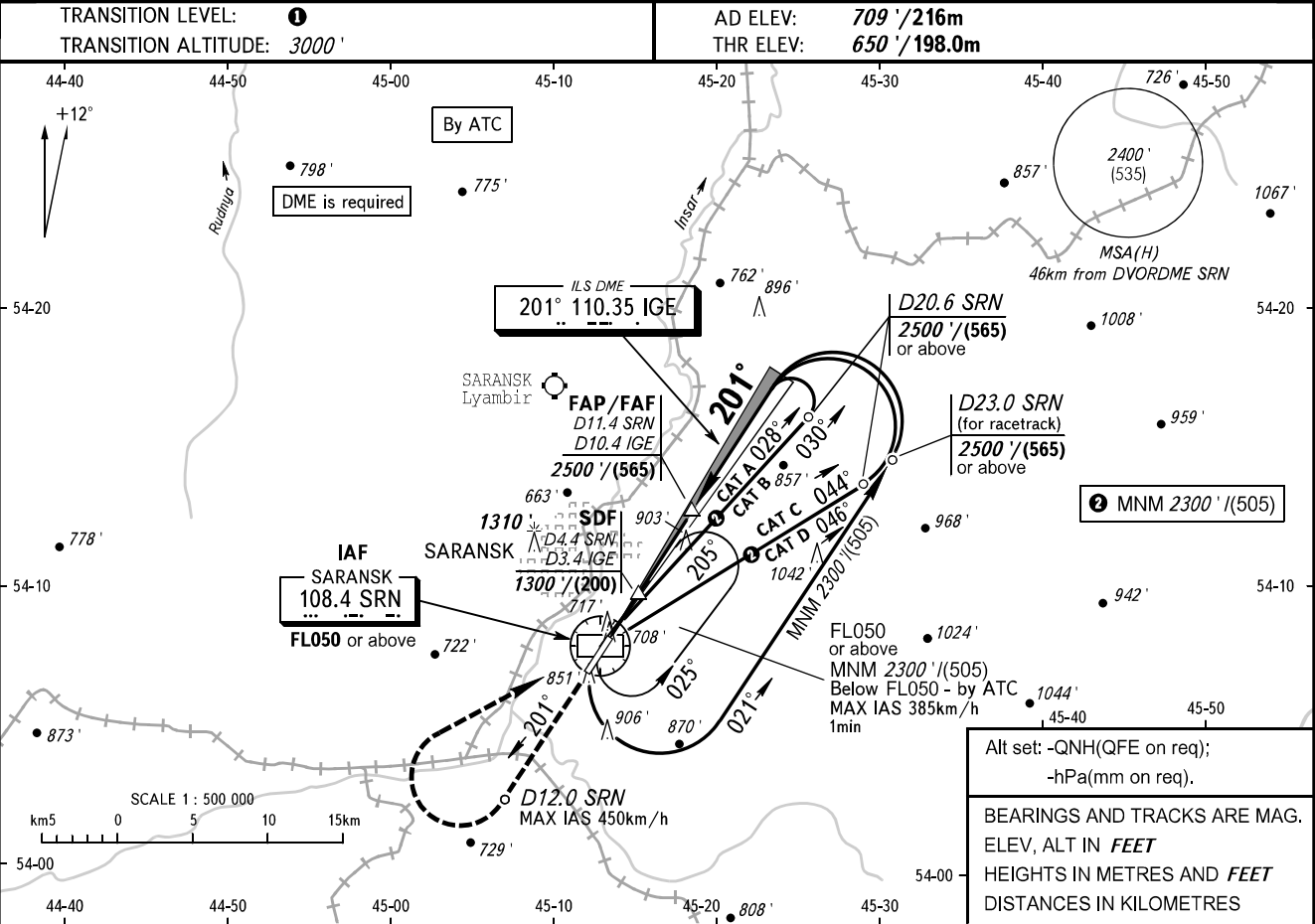


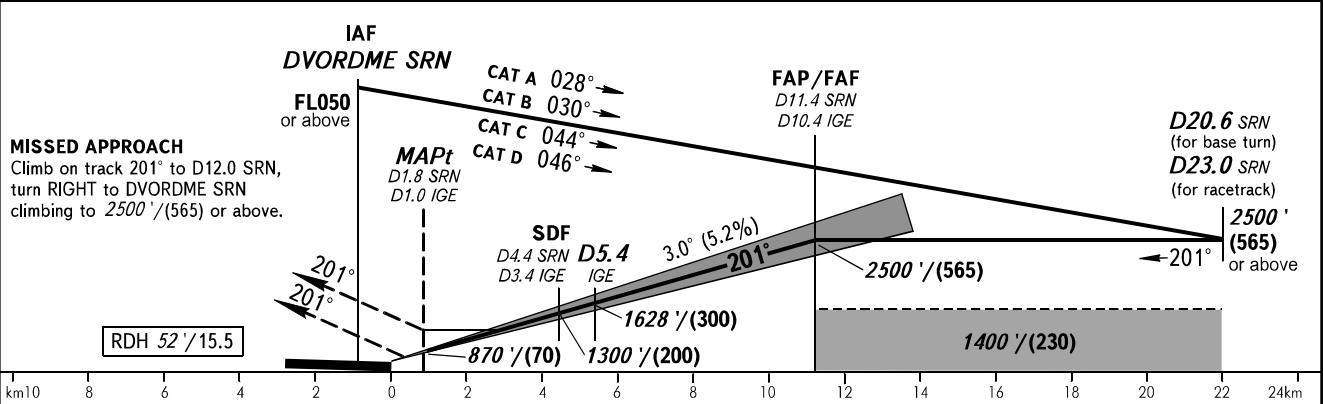
INSTRUMENT
APPROACH
CHART - ICAO

TOWER
118.100

SARANSK, RUSSIA
SARANSK
ILS Y CAT I, LOC Y RWY 20



DME SRN	4.0	6.0	8.0	10.0	11.4
ALTITUDE/HEIGHT	1230' / (180)	1580' / (285)	1920' / (390)	2270' / (495)	2500' / (565)



OCA(H)			A	B	C	D	DL	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: 1. DME IGE reads zero at RWY 20 THR. 2. Timing not authorized for defining MAPt.					
Straight-in Approach	CAT I		801' (151') (46)	813' (163') (50)	826' (176') (54)	840' (190') (58)	842' (192') (59)						
	LOC	With SDF	940' (290') (90)	940' (290') (90)	940' (290') (90)	940' (290') (90)	940' (290') (90)						
		WO SDF	1150' (500') (155)	1150' (500') (155)	1150' (500') (155)	1150' (500') (155)	1150' (500') (155)						
Circling			1150' (440') (155)	1210' (500') (175)	1710' (1000') (325)	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