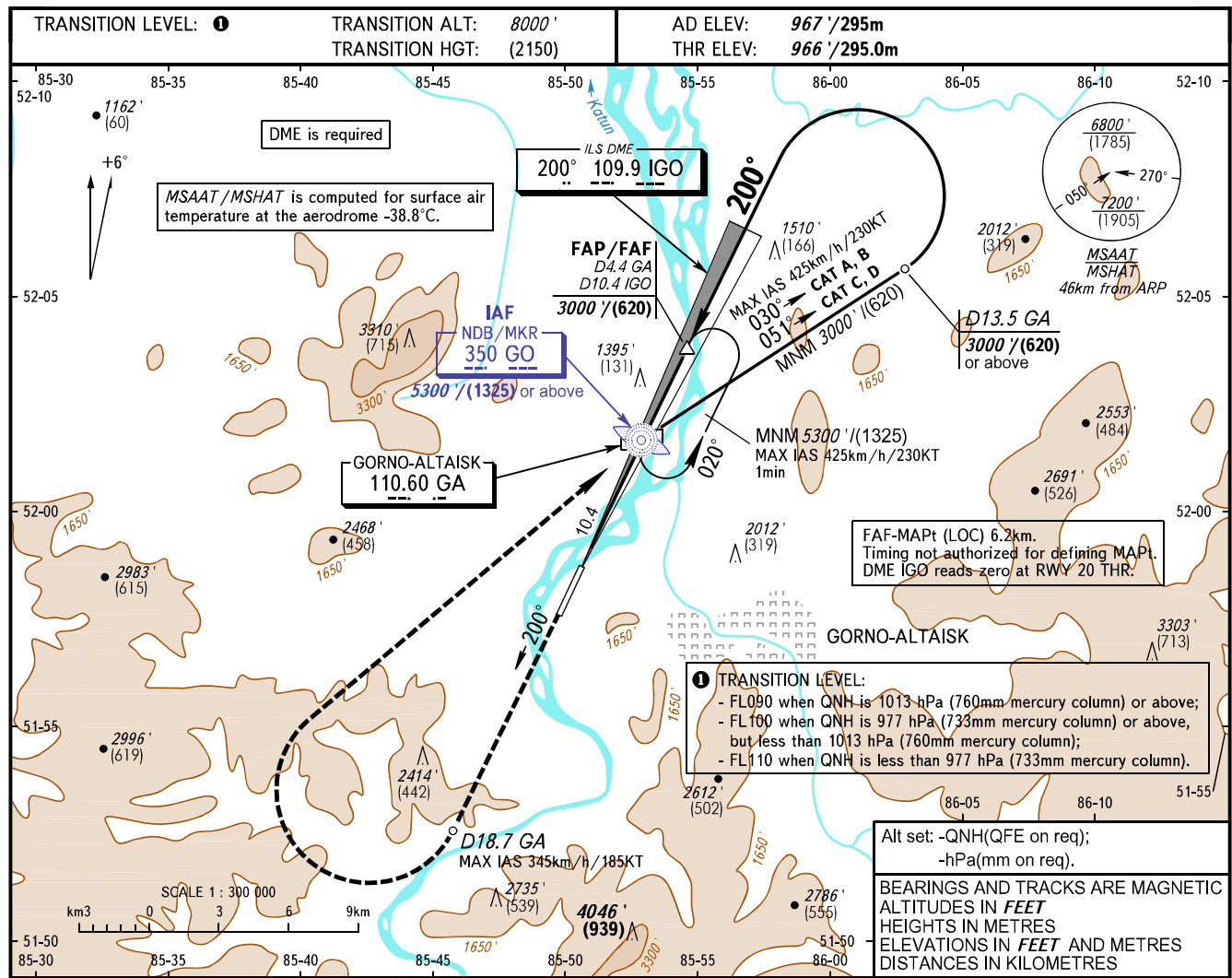


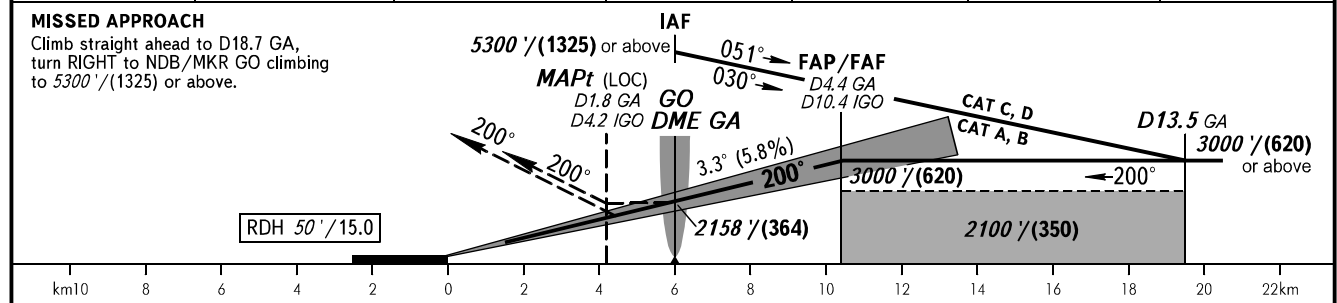
**INSTRUMENT
APPROACH
CHART - ICAO**

DIALIZ VYSHKA 133.000

**GORNO-ALTAISK, RUSSIA
GORNO-ALTAISK
ILS Y, LOC Y RWY 20**



DME IGO	2.0	4.0	6.0	8.0	10.0	10.4
ALTITUDE/HEIGHT	1400'/(132)	1780'/(248)	2160'/(365)	2540'/(480)	2920'/(595)	3000'/(620)



OCA(H)		A	B	C	D							
Straight-in Approach	2.5%*	1899' (932')/(284)	1916' (950')/(290)	1933' (966')/(295)	1947' (981')/(299)							
	3.5%*	1689' (723')/(221)	1708' (741')/(226)	1725' (759')/(232)	1741' (774')/(236)							
	4.0%*	1385' (419')/(128)	1394' (427')/(131)	1398' (432')/(132)	1404' (437')/(133)							
	5.0%*	1164' (198')/(61)	1164' (198')/(61)	1172' (206')/(63)	1182' (216')/(66)							
	LOC	1890' (920')/(280)	1890' (920')/(280)	1890' (920')/(280)	1890' (920')/(280)							
Circling		2500' (1530')/(470)	2500' (1530')/(470)	3150' (2180')/(665)	3440' (2470')/(755)							
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	2.4	2.9	3.4	3.9	4.4	4.8	5.3	5.8	6.3	6.8	7.3
	ft/min	476	571	666	761	856	951	1047	1142	1237	1332	1427

* - MNM climb gradient for missed APCH