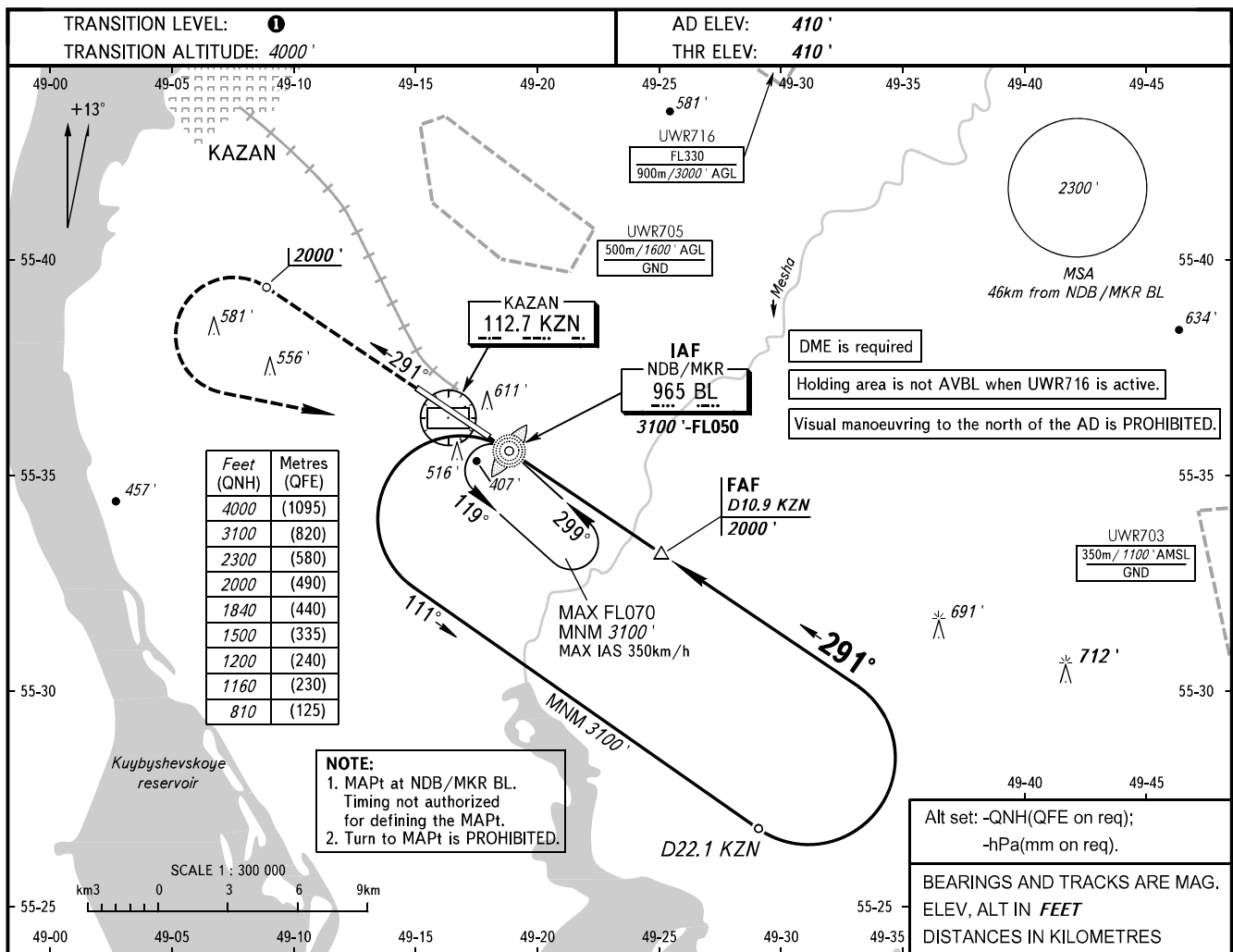


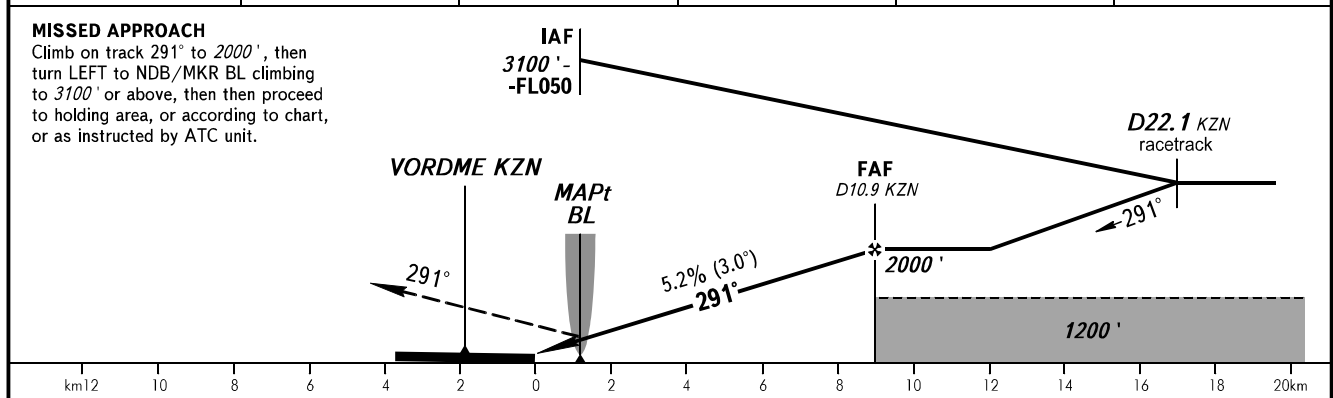
**INSTRUMENT  
APPROACH  
CHART - ICAO**

**KAZAN, RUSSIA  
KAZAN  
NDB Z RWY 29**

RADAR	119.400
START	120.300



DME KZN	4.0	6.0	8.0	10.0	10.9
ALTITUDE	810'	1160'	1500'	1840'	2000'



OCA(H)	A	B	C	D
Straight-in	720' (310')	720' (310')	720' (310')	720' (310')
Approach				
Circling	820' (410')	910' (500')	1010' (600')	1100' (690')

**1** TRANSITION LEVEL:  
- FL050 when QNH is 1013 hPa (760mm mercury column) or above;  
- FL060 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);  
- FL070 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
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	430	516	602	688	774	860	946	1032	1118	1204	1290