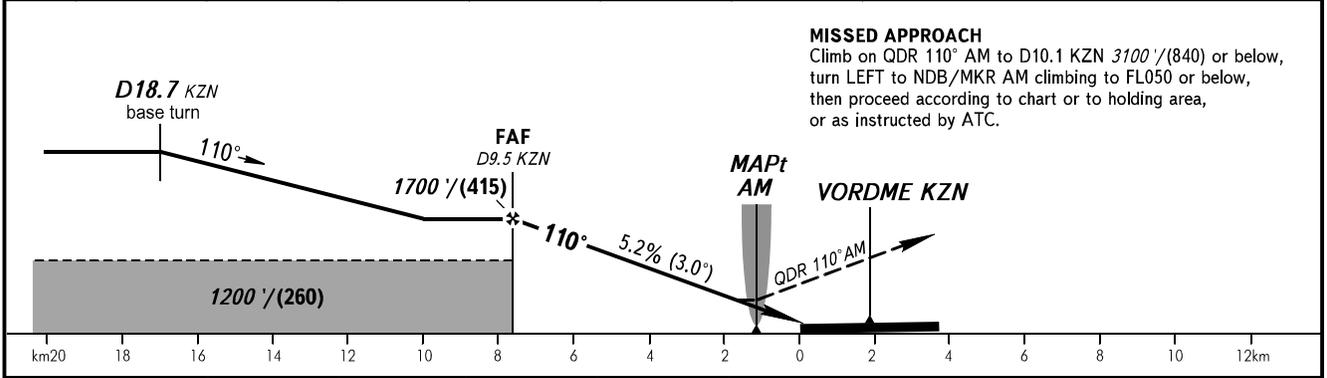
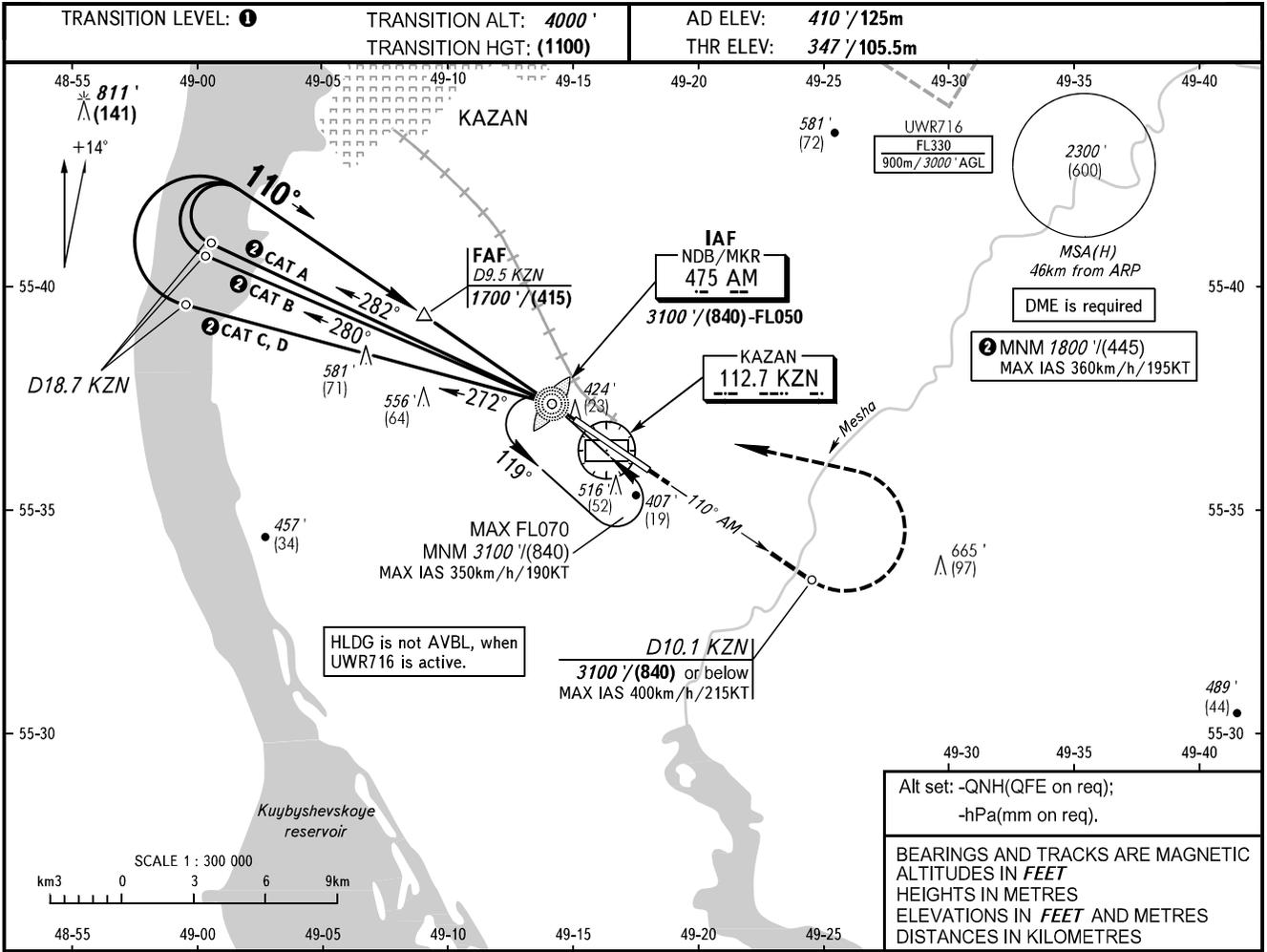


**INSTRUMENT  
APPROACH  
CHART - ICAO**

RADAR **119.400**  
START **120.300**

**KAZAN, RUSSIA**  
KAZAN  
NDB Z RWY 11



OCA(H)		A	B	C	D
Straight-in	Approach	630' (290') (90)	630' (290') (90)	630' (290') (90)	630' (290') (90)
	Approach				
Circling		820' (410') (125)	910' (500') (155)	1010' (600') (185)	1100' (690') (215)

**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).

**WARNING**  
MAPt at NDB/MKR AM. Timing not authorized for defining the MAPt.

**NOTE**  
Visual manoeuvring to the north of the AD is PROHIBITED.

GROUND SPEED	km/h	150	180	210	240	270	300	330	360	390	420	450
	kt		80	100	110	130	145	160	180	195	210	225
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2	5.7	6.1	6.5
	ft/min	430	516	602	688	774	860	946	1032	1118	1204	1290

CHANGE: D10.1 KZN, Circling