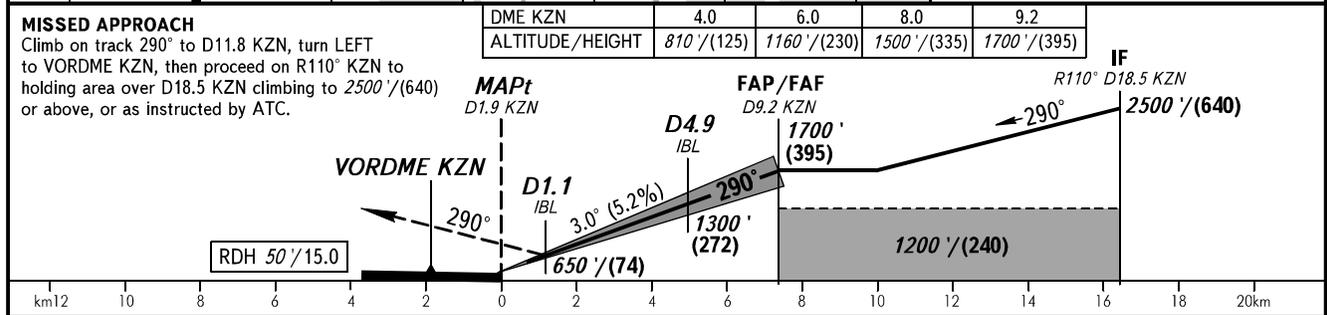
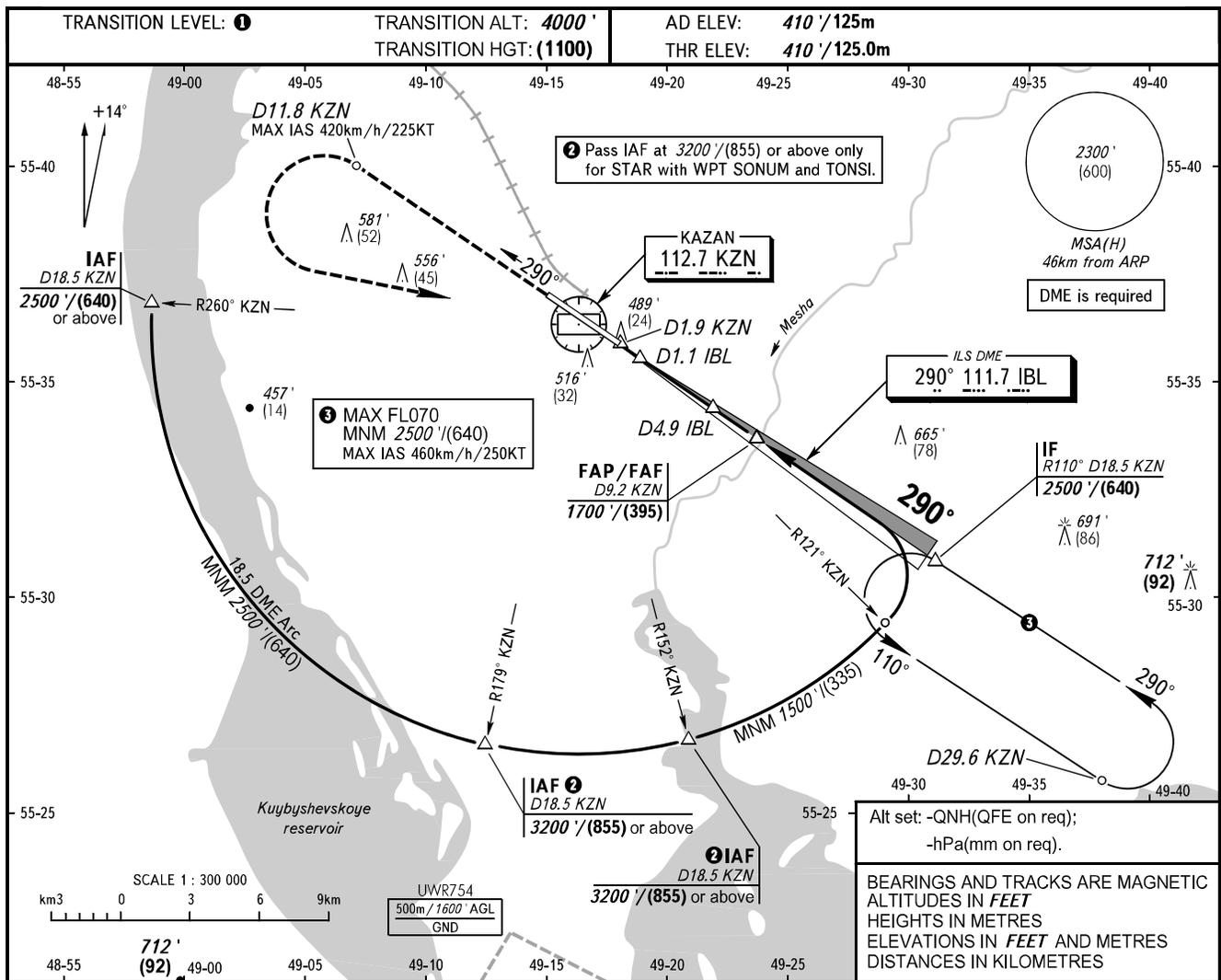


**INSTRUMENT
APPROACH
CHART - ICAO**

**KAZAN, RUSSIA
KAZAN
ILS Z CAT I, LOC Z RWY 29**

RADAR 119.400
START 120.300



OCA(H)		A	B	C	D
Straight-in	CAT I	620' (210') (65)	630' (220') (68)	640' (230') (71)	650' (240') (74)
	LOC	740' (330') (105)	740' (330') (105)	740' (330') (105)	740' (330') (105)
Circling		820' (410') (125)	910' (500') (155)	1010' (600') (185)	1100' (690') (215)

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).

WARNING:
1. ILS DME IBL reads zero at RWY 29 THR.
2. MAPt at D1.9 KZN. Timing not authorized for defining 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