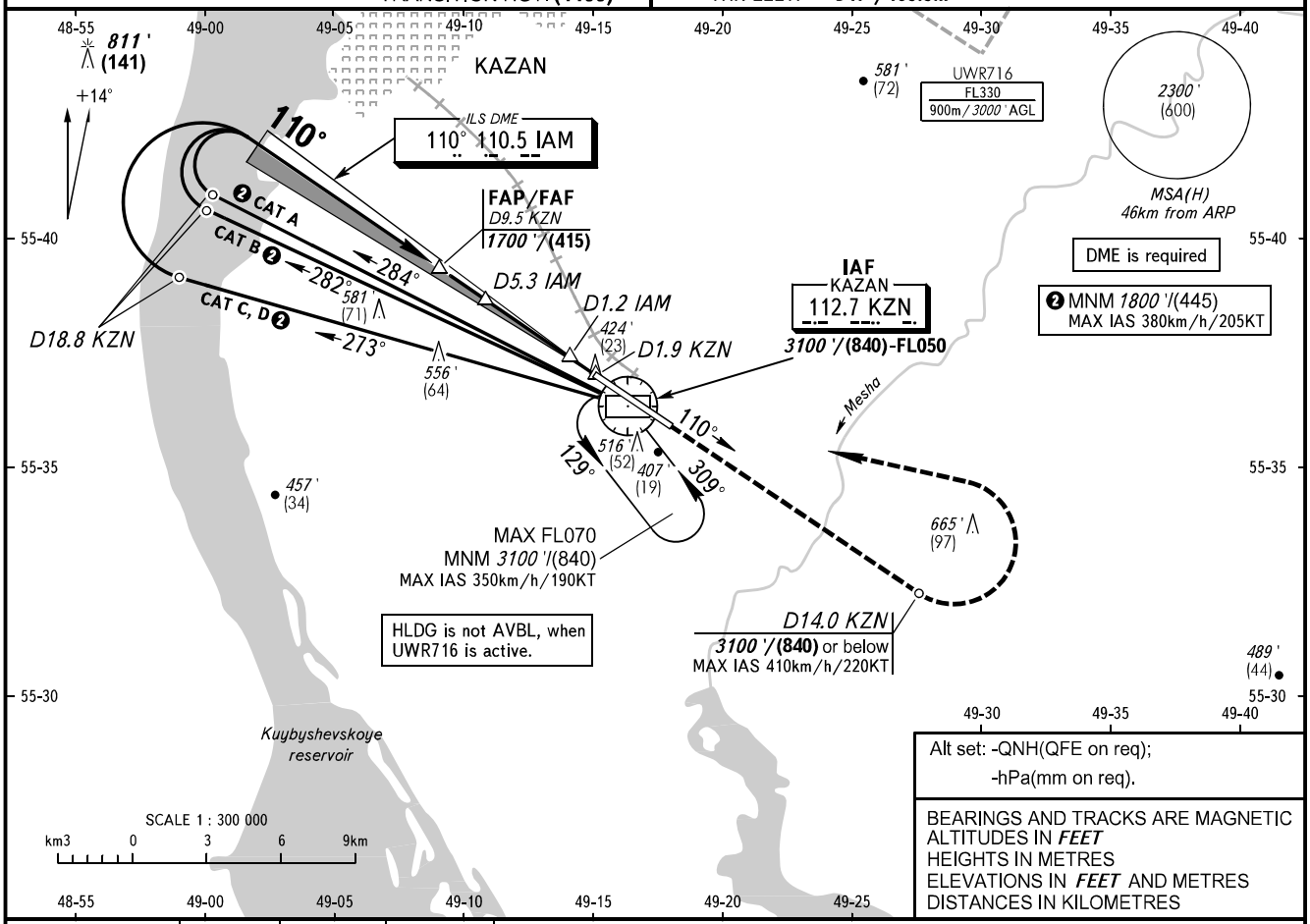
INSTRUMENT APPROACH CHART - ICAO

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

KAZAN, RUSSIA
KAZAN
ILS Y CAT I/II, LOC Y RWY 11

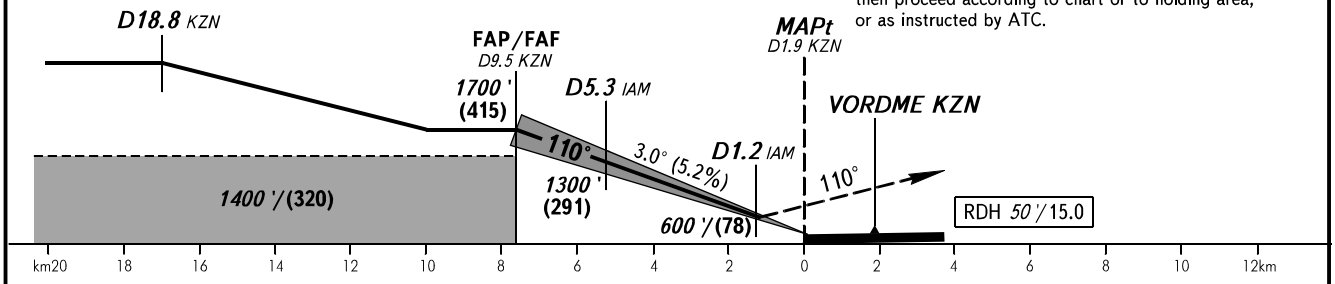
TRANSITION LEVEL: ❶
TRANSITION ALT: *4000 '*
TRANSITION HGT: **(1100)**

AD ELEV: *410 '*/**125m**
THR ELEV: *347 '*/**105.5m**



DME KZN	9.5	8.0	6.0
ALTITUDE/HEIGHT	*1700 '*/(415)	*1450 '*/(340)	*1100 '*/(230)

MISSED APPROACH
Climb on track 110° to D14.0 KZN *3100 '*/(840) or below, turn LEFT to VORDME KZN climbing to FL050 or below, then proceed according to chart or to holding area, or as instructed by ATC.



OCA(H)		A	B	C	D
Straight-in Approach	**CAT I**	*555 '(208 ')* /(64)	*565 '(218 ')* /(67)	*575 '(228 ')* /(70)	*585 '(238 ')* /(73)
	CAT II	*467 '(120 ')* (37)	*483 '(136 ')* (42)	*496 '(149 ')* (46)	*509 '(162 ')* (50)
	LOC	*677 '(330 ')* (105)	*677 '(330 ')* (105)	*677 '(330 ')* (105)	*677 '(330 ')* (105)
Circling		*820 '(410 ')* (125)	*910 '(500 ')* (155)	*1010 '(600 ')* (185)	*1100 '(690 ')* (215)

❶ 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 IAM reads zero at RWY 11 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*	*240*
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: Circling