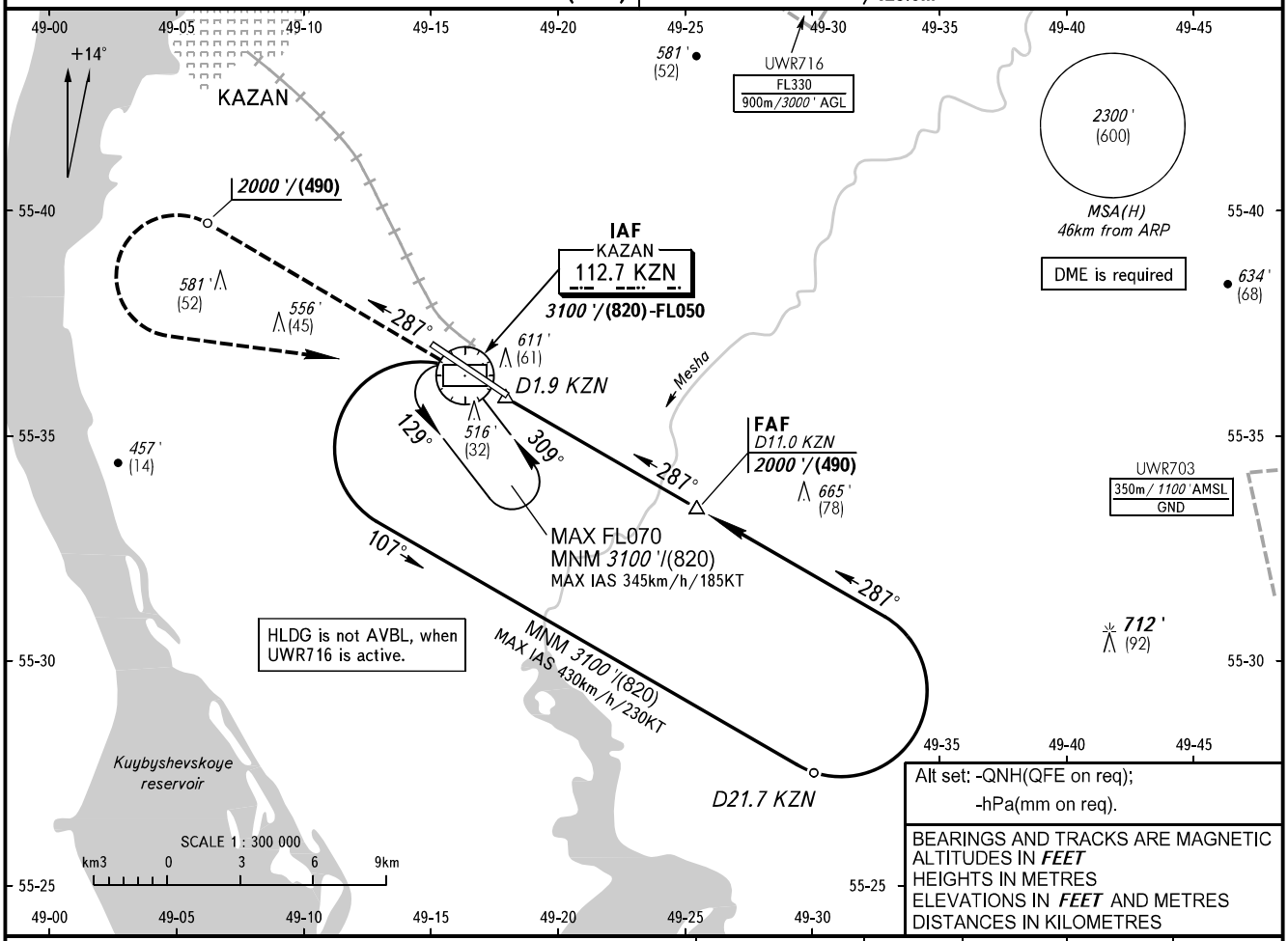
INSTRUMENT APPROACH CHART - ICAO

RADAR	119.400
START	120.300

KAZAN, RUSSIA
KAZAN
VOR Y RWY 29

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

AD ELEV: 410 '/125m
THR ELEV: 410 '/125.0m

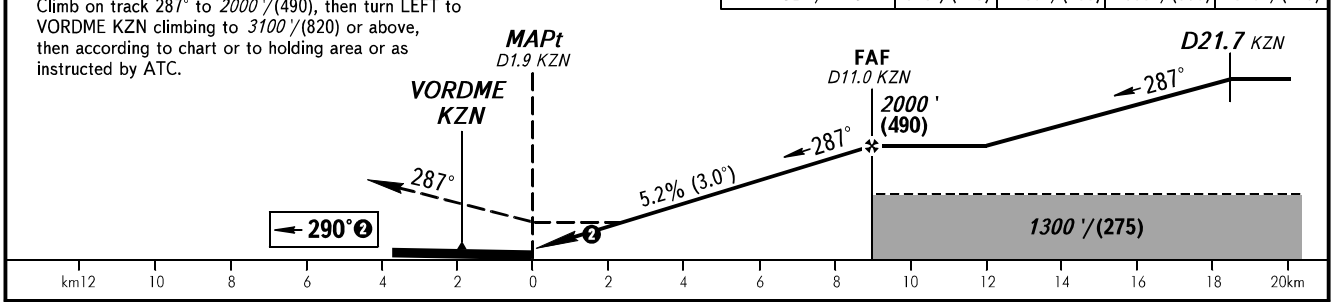


Alt set: -QNH(QFE on req);
-hPa(mm on req).

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES IN ***FEET***
HEIGHTS IN METRES
ELEVATIONS IN ***FEET*** AND METRES
DISTANCES IN KILOMETRES

DME KZN	4.0	6.0	8.0	10.0
ALTITUDE/HEIGHT	810 '/(125)	1160 '/(230)	1500 '/(335)	1840 '/(440)

MISSED APPROACH
Climb on track 287° to 2000 '/(490), then turn LEFT to VORDME KZN climbing to 3100 '/(820) or above, then according to chart or to holding area or as instructed by ATC.



OCA(H)		A	B	C	D
Straight-in Approach		850 '(440 ') (135)	850 '(440 ') (135)	850 '(440 ') (135)	850 '(440 ') (135)
Circling		850 '(440 ') (135)	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. Final approach track is offset by 3° from RWY centre line.
2. MAPt at D1.9 KZN.Timing not authorized for defining MAPt.
3. Turn before MAPt is PROHIBITED.

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