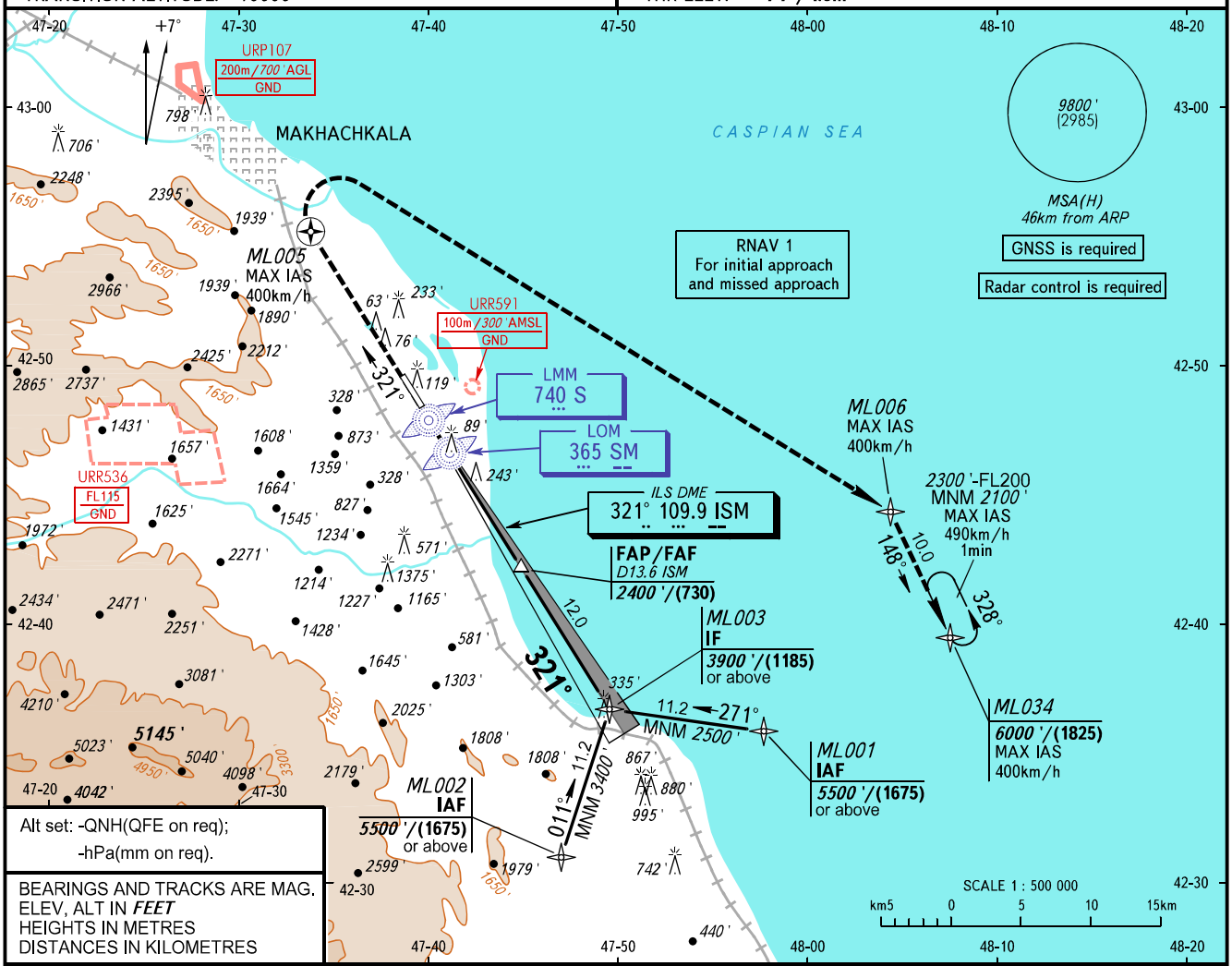
INSTRUMENT APPROACH CHART - ICAO

RADAR	121.300
START	121.300

MAKHACHKALA, RUSSIA
UYTASH
ILS Z CAT I, LOC Z RWY 32

TRANSITION LEVEL:	❶	AD ELEV:	16 '/5m
TRANSITION ALTITUDE:	10000 '	THR ELEV:	14 '/4.0m



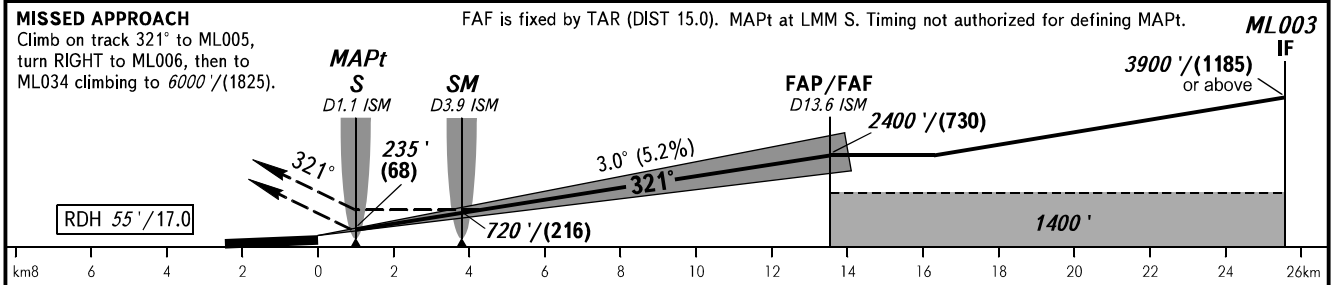
Alt set: -QNH(QFE on req);
-hPa(mm on req).

BEARINGS AND TRACKS ARE MAG.
ELEV, ALT IN *FEET*
HEIGHTS IN METRES
DISTANCES IN KILOMETRES

DME ISM	4.0	6.0	8.0	10.0	12.0
ALTITUDE/HEIGHT	755 '/(225)	1098 '/(330)	1442 '/(435)	1785 '/(540)	2130 '/(645)

MISSED APPROACH
Climb on track 321° to ML005, turn RIGHT to ML006, then to ML034 climbing to 6000 '/(1825).

FAF is fixed by TAR (DIST 15.0). MAPt at LMM S. Timing not authorized for defining MAPt.



OCA(H)		A	B	C	D
Straight-in Approach	CAT I	192 '(178 ')	201 '(188 ')	211 '(198 ')	221 '(208 ')
	LOC	740 '(730 ')	740 '(730 ')	740 '(730 ')	740 '(730 ')
Circling		790 '(770 ')	830 '(810 ')	1720 '(1700 ')	1870 '(1860 ')

❶ TRANSITION LEVEL:
- FL110 when QNH is 1013 hPa (760mm mercury column) or above;
- FL120 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);
- FL130 when QNH is less than 977 hPa (733mm mercury column).

WARNING:
1. Visual manoeuvring west of the aerodrome is PROHIBITED.
2. DME ISM reads zero at RWY 32 THR.

288°
177°

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	427	512	597	682	768	853	938	1024	1109	1194	1280

CHANGE: New chart