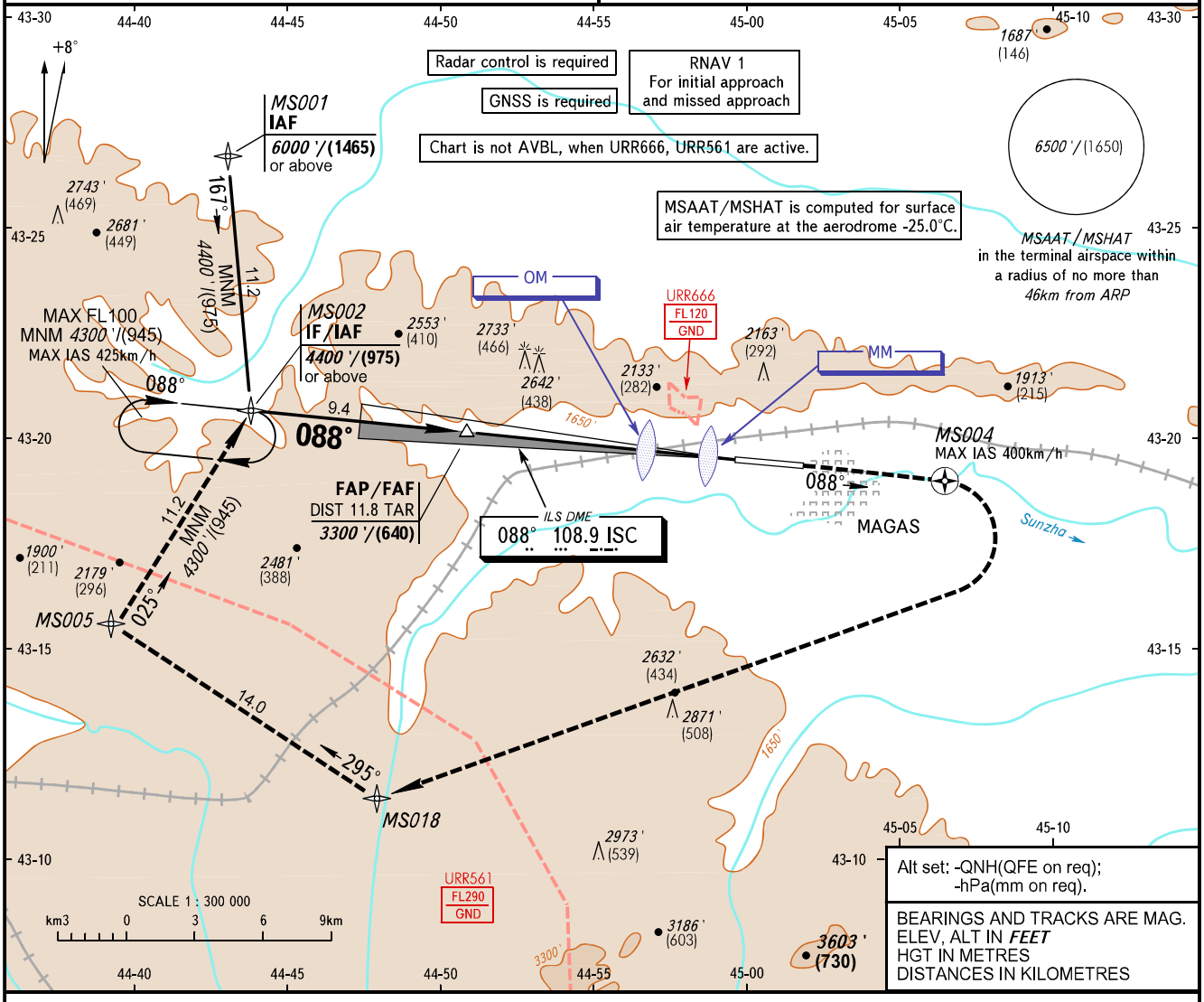
# INSTRUMENT APPROACH CHART - ICAO

VYSHKA **119.150**

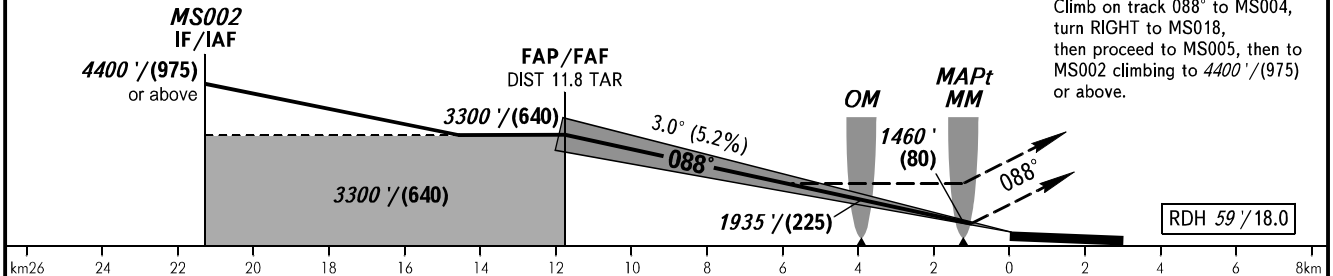
# MAGAS, RUSSIA
MAGAS
ILS Z CAT I, LOC Z RWY 09

TRANSITION LEVEL: ❶ TRANSITION ALT: *7000 '*
TRANSITION HGT: (1800)

AD ELEV: ***1206 '/368m***
THR ELEV: ***1206 '/368.0m***




FAP/FAF is fixed by TAR (DIST 11.8).




**MISSED APPROACH**
Climb on track 088° to MS004, turn RIGHT to MS018, then proceed to MS005, then to MS002 climbing to *4400 '*/(975) or above.

| OCA(H) | | | A | B | C | D |
|---|---|---|---|---|---|---|
| Straight-in Approach | CAT I | 3.0%* | *1393 '(187 ')* (60) | *1403 '(197 ')* (60) | *1413 '(207 ')* (65) | *1423 '(217 ')* (70) |
| | CAT I | 2.5%* | *1642 '(436 ')* (135) | *1652 '(446 ')* (140) | *1661 '(455 ')* (140) | *1671 '(465 ')* (145) |
| | LOC | | *2470 '(1260 ')* (390) | *2470 '(1260 ')* (390) | *2470 '(1260 ')* (390) | *2470 '(1260 ')* (390) |
| Circling | | | *2550 '(1340 ')* (410) | *2760 '(1550 ')* (475) | *3000 '(1800 ')* (550) | *3430 '(2230 ')* (680) |

* - Climb gradient for missed approach.

**WARNING:**
1. TAR reads zero at RWY 09 THR.
2. MAPt at MM. Timing not authorized for defining MAPt.

❶ TRANSITION LEVEL:
- FL080 when QNH is 1013 hPa (760mm mercury column) or above;
- FL090 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);
- FL100 when QNH is less than 977 hPa (733mm mercury column).

| GROUND SPEED | km/h | 150 | 180 | 210 | 240 | 270 | 300 | 330 | 360 | 390 |
|---|---|---|---|---|---|---|---|---|---|---|
| RATE OF DESCENT | m/s | 2.2 | 2.6 | 3.0 | 3.5 | 3.9 | 4.3 | 4.8 | 5.2 | 5.6 |
| | ft/min | 427 | 512 | 597 | 682 | 768 | 853 | 938 | 1024 | 1109 |

**CHANGE:** New chart