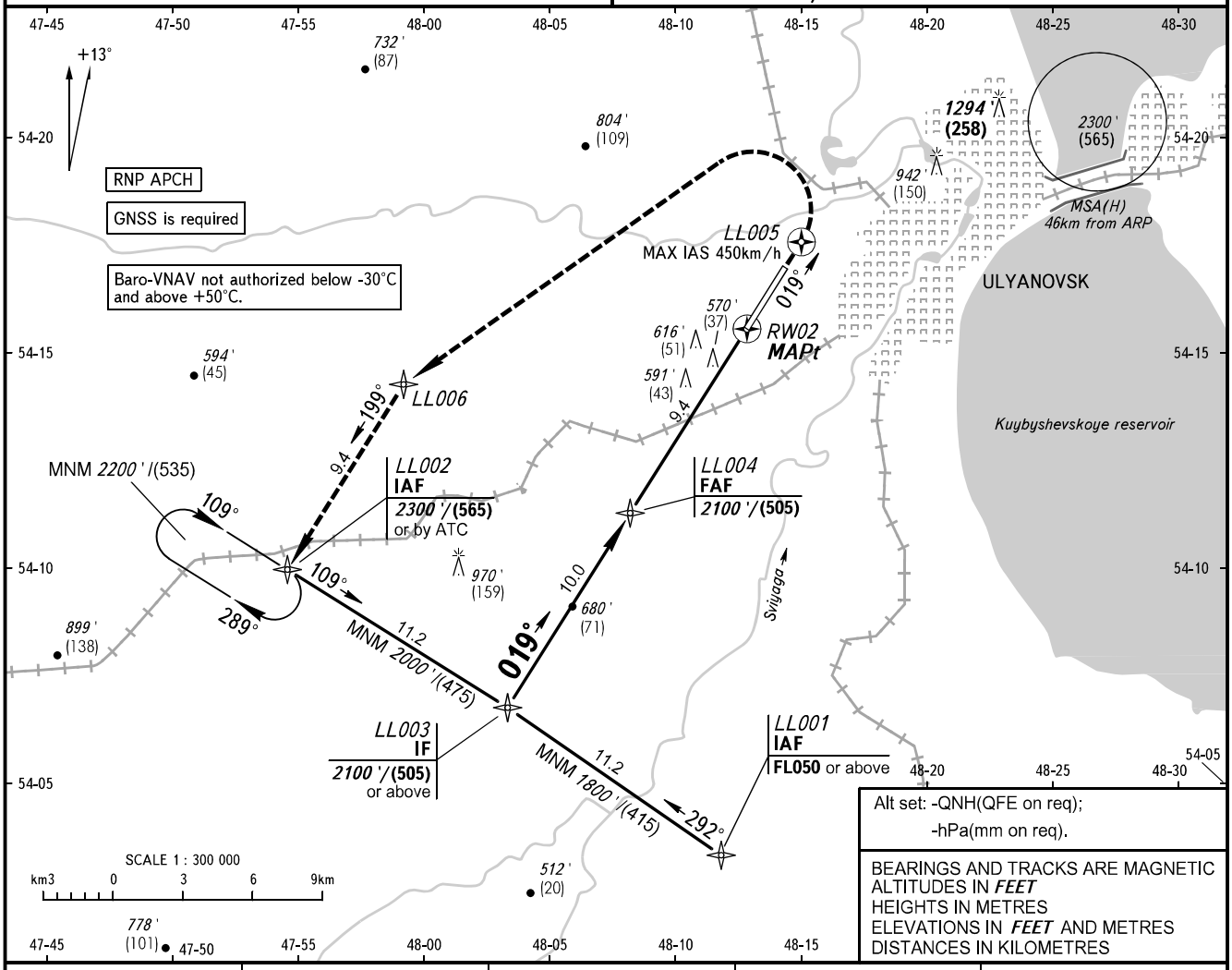
# INSTRUMENT APPROACH CHART - ICAO

| | |
|---|---|
| RADAR | **120.800** |
| PRECISION | **120.400** |

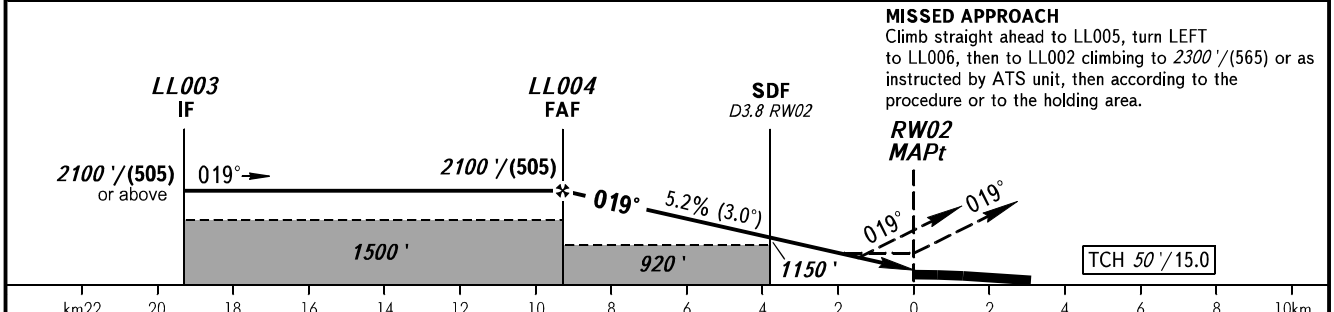
# ULYANOVSK, RUSSIA
BARATAYEVKA
RNP RWY 02

TRANSITION LEVEL: ❶
TRANSITION ALTITUDE: *4000 '*

AD ELEV: ***449 '/137m***
THR ELEV: ***449 '/137.0m***




| DIST to RW02 | 9.0 | 7.0 | 5.0 | 3.0 |
|---|---|---|---|---|
| ALTITUDE | *2035 '* | *1695 '* | *1350 '* | *1010 '* |

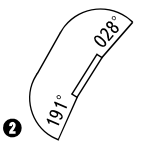



**MISSED APPROACH**
Climb straight ahead to LL005, turn LEFT to LL006, then to LL002 climbing to *2300 '*/(565) or as instructed by ATS unit, then according to the procedure or to the holding area.

| OCA(H) | | A | B | C | D |
|---|---|---|---|---|---|
| Straight-in Approach | **LNAV** | *840 '(390 ')* | *840 '(390 ')* | *840 '(390 ')* | *840 '(390 ')* |
| | **LNAV/VNAV** | *701 '(252 ')* | *712 '(263 ')* | *721 '(272 ')* | *731 '(282 ')* |
| | | | | | |
| Circling | | *920 '(470 ')* | *1010 '(560 ')* | *1340 '(890 ')* | *1340 '(890 ')* |

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).

❷ Visual manoeuvring east of the AD is PROHIBITED.




| 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:** Heading, HGT