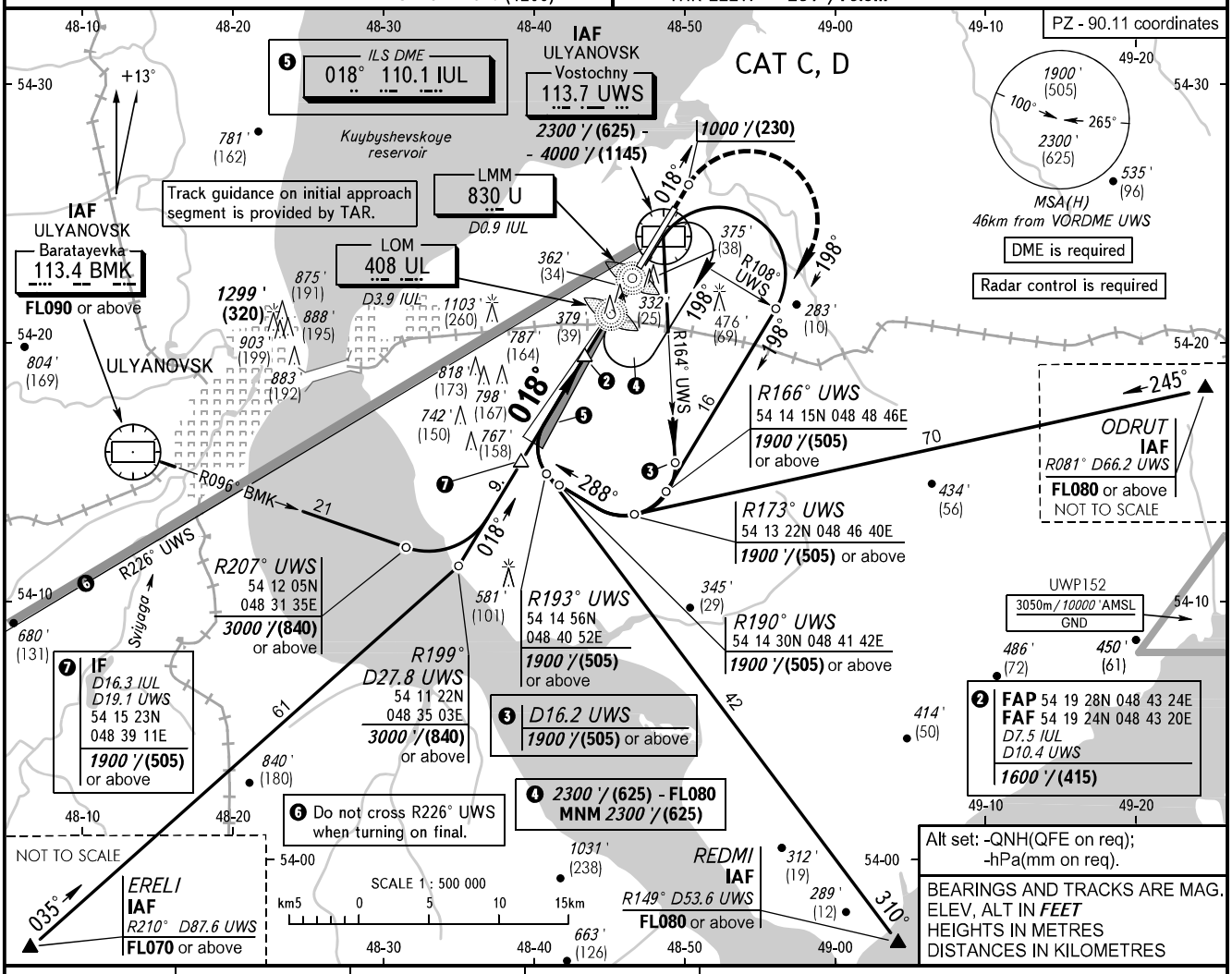
# INSTRUMENT APPROACH CHART - ICAO

VOSTOCHNY TOWER **124.200**

# ULYANOVSK, RUSSIA
## VOSTOCHNY
## ILS X CAT I, LOC X RWY 02

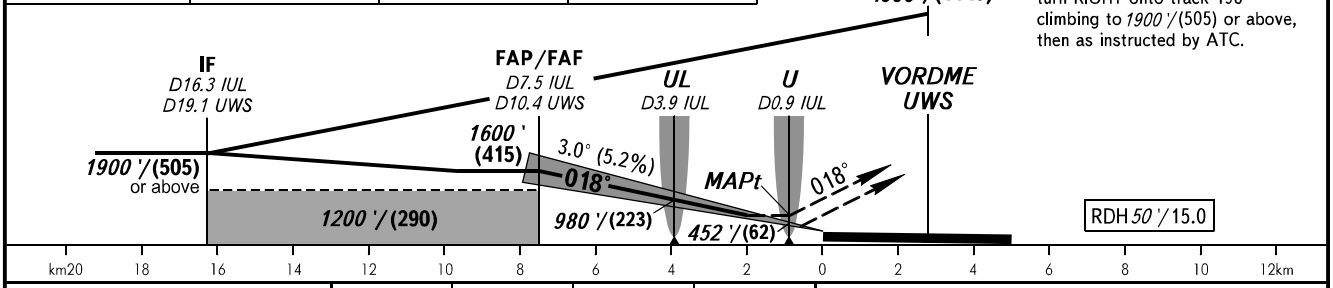
TRANSITION LEVEL: ❶
TRANSITION ALT: *4000 '*
TRANSITION HGT: (1200)

AD ELEV: *251 '/77m*
THR ELEV: *251 '/76.5m*




| DME UWS | 10.0 | 8.0 | 6.0 |
|---|---|---|---|
| ALTITUDE/HEIGHT | *1530 '*/(390) | *1190 '*/(287) | *850 '*/(183) |

**MISSED APPROACH**
Climb straight ahead to *1000 '*/(230), turn RIGHT onto track 198° climbing to *1900 '*/(505) or above, then as instructed by ATC.




| OCA(H) | | A | B | C | D |
|---|---|---|---|---|---|
| Straight-in Approach | CAT I | | | *406 ' (155 ')* (48) | *416 ' (165 ')* (51) |
| | LOC | | | *610 ' (360 ')* (110) | *610 ' (360 ')* (110) |
| | | | | | |
| Circling | | | | *870 ' (600 ')* (190) | *950 ' (700 ')* (215) |

❶ TRANSITION LEVEL:
- FL050 when QNH is 977 hPa (733mm mercury column) or above;
- FL060 when QNH is less than 977 hPa (733mm mercury column).

**WARNING:**
1. Visual manoeuvring north-west of the aerodrome is PROHIBITED.
2. Zero range of DME IUL is indicated at RWY 02 THR.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| GROUND SPEED | km/h | 150 | 180 | 210 | 240 | 270 | 300 | 330 | 360 | 390 |
| | kt | 81 | 97 | 113 | 130 | 146 | 162 | 178 | 194 | 211 |
| 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: HGT