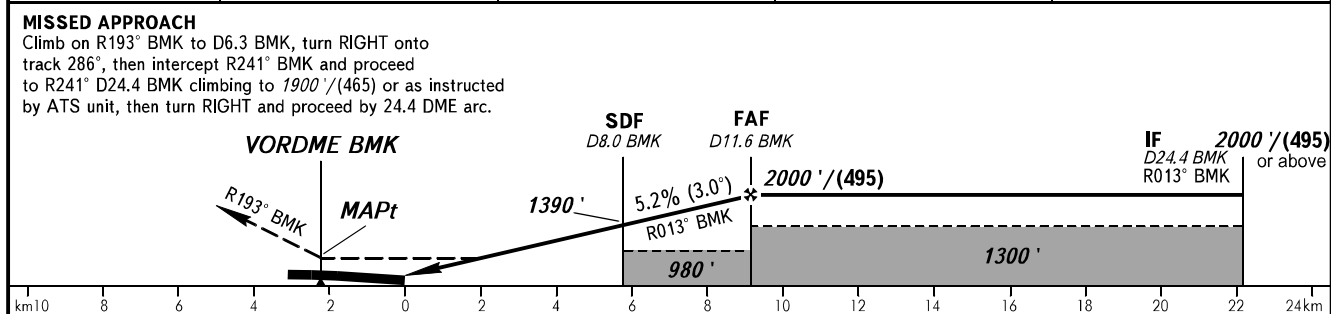
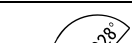


ULYANOVSK, RUSSIA  
 BARATAYEVKA  
 VOR RWY 20



| OCA(H)          |                 | A           | B            | C            | D            | <b>① TRANSITION LEVEL:</b><br>- FL050 when QNH is 1013 hPa (760mm mercury column) or above;<br>- FL060 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);<br>- FL070 when QNH is less than 977 hPa (733mm mercury column).<br><br><b>②</b> When restricted area UWR708 is active.<br><b>③</b> Visual manoeuvring east of the AD is PROHIBITED.  |     |     |     |      |      |
|-----------------|-----------------|-------------|--------------|--------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|------|------|
| Straight-in     | <b>With SDF</b> | 810' (430') | 810' (430')  | 810' (430')  | 810' (430')  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |     |      |      |
|                 | <b>WO SDF</b>   | 980' (600') | 980' (600')  | 980' (600')  | 980' (600')  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |     |      |      |
| Approach        |                 |             |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |     |      |      |
| Circling        |                 | 980' (600') | 1010' (560') | 1340' (890') | 1340' (890') |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |     |      |      |
|                 |                 |             |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |     |      |      |
| 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**