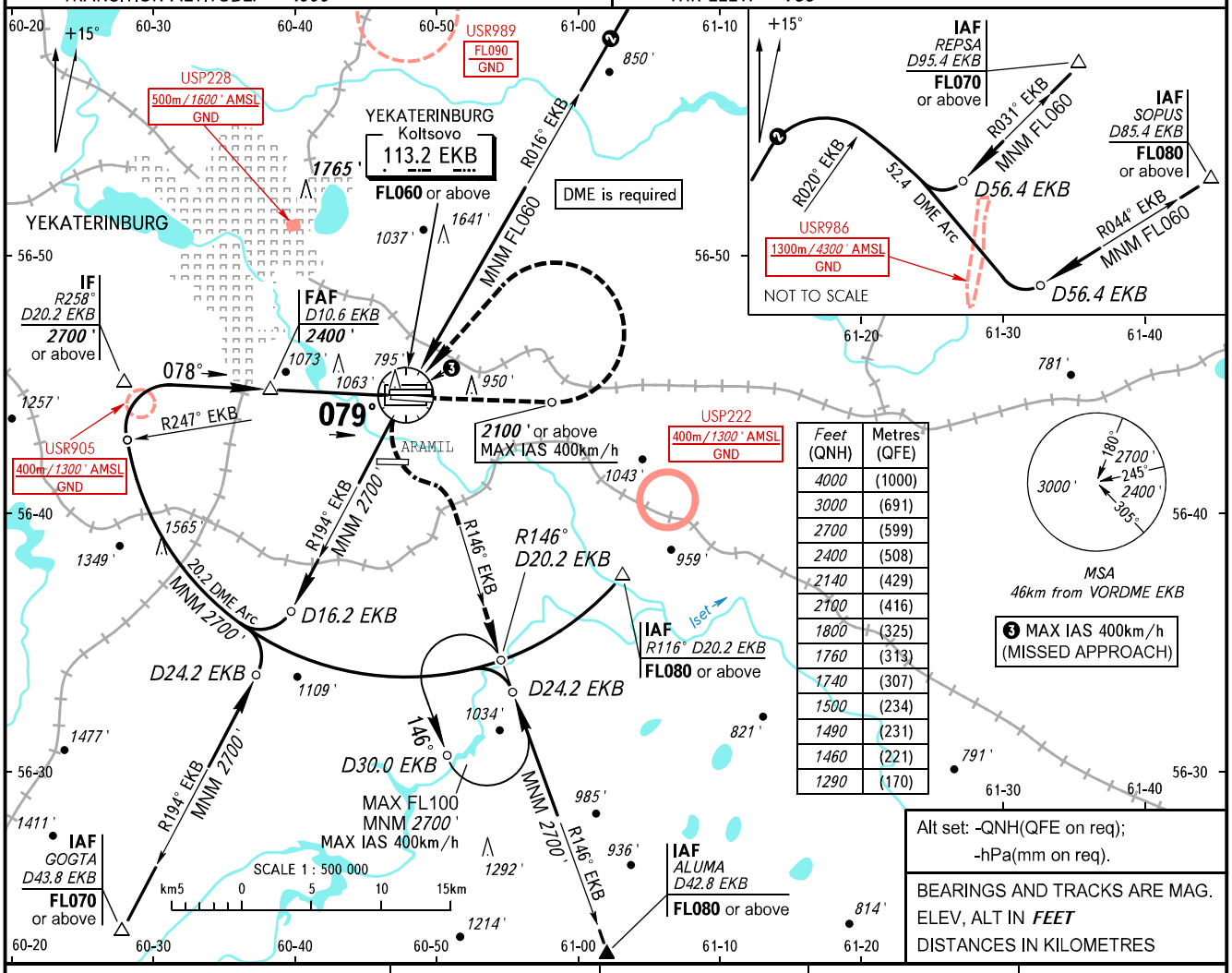
# INSTRUMENT APPROACH CHART - ICAO

| | |
|---|---|
| KOLTSOVO RADAR | **118.700** |
| KOLTSOVO START | **124.300** |

# YEKATERINBURG, RUSSIA
## KOLTSOVO
## VOR Z RWY 08R

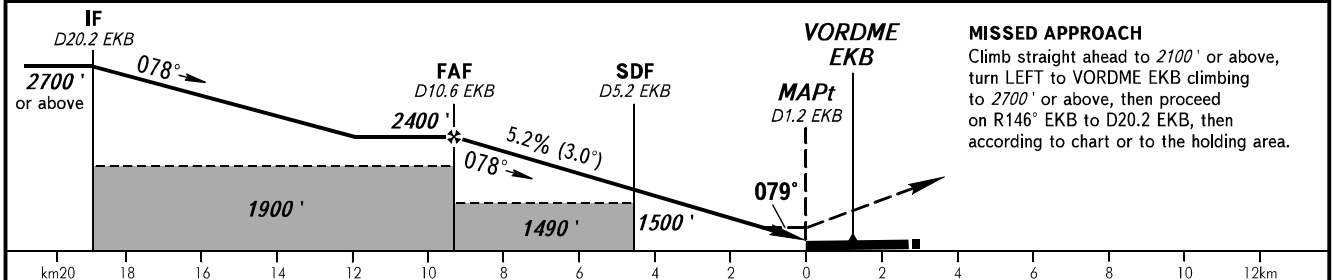
TRANSITION LEVEL: ❶
TRANSITION ALTITUDE: *4000 '*

AD ELEV: *766 '*
THR ELEV: *735 '*




| Feet (QNH) | Metres (QFE) |
|---|---|
| 4000 | (1000) |
| 3000 | (691) |
| 2700 | (599) |
| 2400 | (508) |
| 2140 | (429) |
| 2100 | (416) |
| 1800 | (325) |
| 1760 | (313) |
| 1740 | (307) |
| 1500 | (234) |
| 1490 | (231) |
| 1460 | (221) |
| 1290 | (170) |

| DME EKB | 10.6 | 9.0 | 7.0 | 5.0 |
|---|---|---|---|---|
| ALTITUDE | *2400 '* | *2140 '* | *1800 '* | *1460 '* |




**MISSED APPROACH**
Climb straight ahead to *2100 '* or above, turn LEFT to VORDME EKB climbing to *2700 '* or above, then proceed on R146° EKB to D20.2 EKB, then according to chart or to the holding area.

| OCA(H) | | A | B | C | D |
|---|---|---|---|---|---|
| Straight-in Approach | **With SDF** | *1290 ' (550 ')* | *1290 ' (550 ')* | *1290 ' (550 ')* | *1290 ' (550 ')* |
| | **WO SDF** | *1490 ' (760 ')* | *1490 ' (760 ')* | *1490 ' (760 ')* | *1490 ' (760 ')* |
| | | | | | |
| | | | | | |
| Circling | | *1490 ' (760 ')* | *1490 ' (760 ')* | *1740 ' (970 ')* | *1760 ' (1000 ')* |

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).

**WARNING:**
1. Final approach track is offset by 1° from the RWY centre line.
2. Turn before MAPt is prohibited.
3. Timing not authorized for defining MAPt.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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