

## **C101CC - M08 – Crosswind VOR & NDB from Anapa to Krasnodar-Center**

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This is the third on a set of C-101CC Practice Missions set on Caucasus on early 2001, during a fictional training exchange between the Air Forces of Jordan and Rusia.

### **Mission 08 : May 16th 2001**

Today's mission objective is to practice IFR navigation on the C-101CC, using both VOR and NDB stations under crosswind conditions, on a flight from Anapa to Krasnodar-Center.

Skills to practice are:

- VOR radial intersection under crosswind
- Tracking NDB under crosswind
- Flying over cloud cover with only Instruments reference.
- Visual Landing with crosswind

### **Weather:**

Very cloudy, and rainy, 5 m/s wind from the South. Starting time is 15:30



## Flight Path:

wp1 : Course 215° (magnetic) until intercept VOR's radial 295

wp2 : 140° until intercept radial 285

wp3 : 80° until intercept radial 30

wp4 : 30° until NDB 625 kHz is at 80°

wp5 : 80° for 14 nm. Land at Krasnodar-Center airbase.



## Navigation:

Use Gelendzhik VOR : 114.3 MHz

Near destination, use Krasnodar Outer Beacon with ADF 625 kHz

## Comm:

UHF Preset 1 : ATC Anapa

UHF Preset 2 : ATC Krasnodar-Center

## Notes:

- Maintain 5000 feet MSL & 250 Knots IAS, flying above the Cloud layer.
- Be careful of other air traffic on the area.
- It is almost dark at start, use the Flashlight (LALT+L) to initially find your way on the cockpit.
- Gelendzhik's VOR can be reached from Anapa.
- When near the destination, change UHF radio to Preset 2 and contact ATC for landing clearance.

**Results Points:**

- +10 for each Waypoint reached with less than 2 Km of deviation.
- +10 each, for reaching Wp2 & Wp3 within specified altitude (5000 ft +/- 200)
- +10 each, for reaching Wp2 & Wp3 within specified speed (250 knts +/- 30)
- +10 for a landing with Vertical Speed within 5 m/sec
- +20 for a landing with Vertical Speed within 2 m/sec
- 15 if you damage the plane during landing
- 50 if you crash or eject.

Max possible Results: 100