

## **C101CC - M04 - ADF & ILS from Novorossiysk to Sochi-Adler**

Edited by Eduardo "Rudel\_Chw" Ahumada

This is the fourth 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 04: May 9th 2001**

Today's mission objective is to practice ADF navigation and ILS approach on the C-101CC, on a flight from Novorossiysk to Sochi-Adler.

Skills to practice are:

- Tracking NDB Stations
- Low light flying.
- ILS Landing



## Weather:

The weather is cloudy, but with no wind. Starting time is 20:00

## Flight Path:

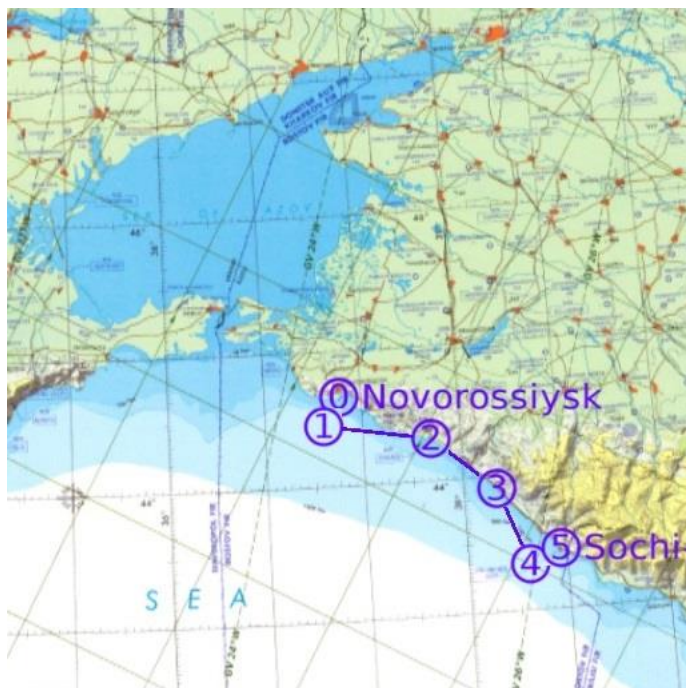
wp1 : Course  $200^{\circ}$  (magnetic) until NDB 420 kHz is at  $90^{\circ}$

wp2 :  $90^{\circ}$  until reaching NDB 420 kHz

wp3 :  $121^{\circ}$  until intercept NDB 307 kHz

wp4 :  $150^{\circ}$  until intercept Sochi ILS 111.1 MHz

wp5 :  $56^{\circ}$  Land at Sochi-Adler airport.



## Navigation:

Use the following NDBs :

420 kHz, DV, Dzhubga NDB

307 kHz, LA, Lazarevskoe NDB

Near destination, use Sochi's ILS to approach the runway, tune to 111.10 MHz

**Comm:**

UHF Preset 1 : ATC Novorossiysk

UHF Preset 2 : ATC Sochi-Adler

**Notes:**

- Maintain 5000 feet MSL & 250 Knots IAS, during the flight.
- Be careful of other air traffic on the area.
- When near the destination, change UHF radio to Preset 2 and contact ATC for landing clearance.
- Begin descent when nearing Wp4.

## 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

