

C101CC - M09 – Crosswind ADF & ILS from Novorossiysk to Sochi-Adler

Edited by Eduardo “Rudel_Chw” Ahumada

This is the ninth 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 09: May 17th 2001

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

Skills to practice are:

- Tracking NDB Stations under Crosswind.
- Low light flying.
- ILS Landing with Crosswind.



Weather:

The weather is cloudy, with a 5 m/s wind from the South.
Starting time is 20:00

Flight Path:

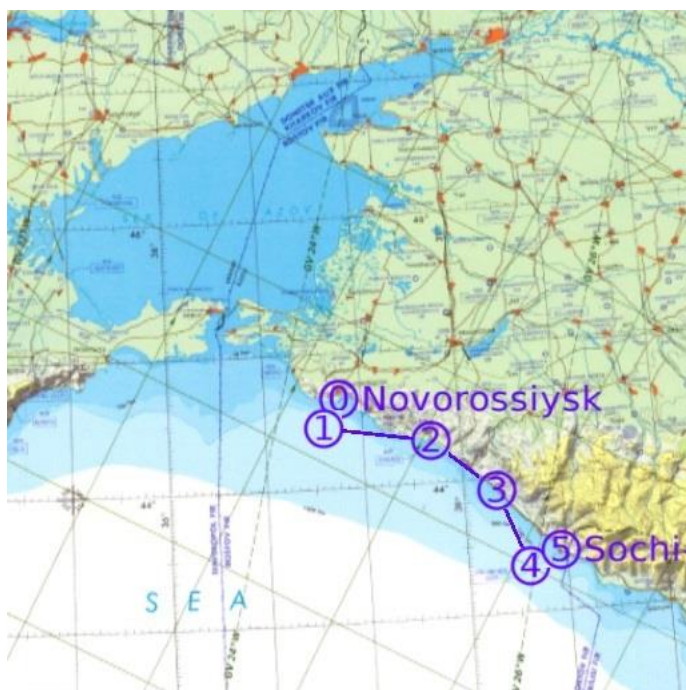
wp1 : Course 200° (magnetic) until NDB 420 kHz is at 90°

wp2 : 90° until reaching NDB 420 kHz

wp3 : 121° until intercept NDB 307 kHz

wp4 : 150° until intercept Sochi ILS 111.1 MHz

wp5 : 56° 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

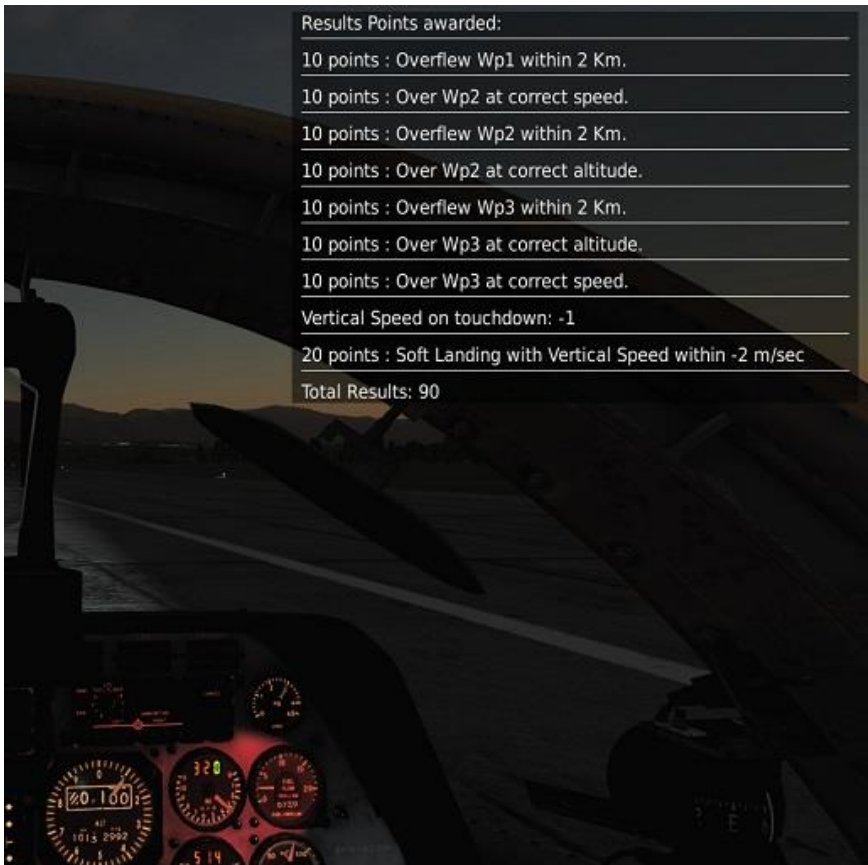
**Notes:**

- 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



Results Points awarded:

10 points : Overflow Wp1 within 2 Km.

10 points : Over Wp2 at correct speed.

10 points : Overflow Wp2 within 2 Km.

10 points : Over Wp2 at correct altitude.

10 points : Overflow Wp3 within 2 Km.

10 points : Over Wp3 at correct altitude.

10 points : Over Wp3 at correct speed.

Vertical Speed on touchdown: -1

20 points : Soft Landing with Vertical Speed within -2 m/sec

Total Results: 90