

MiG-19P - M03 – Long Range ADF Navigation

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This is the third on a set of MiG-19P Practice Missions set on Caucasus on the first half of 1965.

Mission 03: May 7th 1965

Today's mission objective is to practice long range ADF Navigation under IFR conditions, using the MiG-19P starting at the airbase of Anapa-Vityazevo and landing at the airbase of Mineralnye-Vody.

Skills to practice are:

- Cold Start & Taxi
- Maintain steady Course.
- Use ADF Navigation Radio.
- Visual Landing.



Weather:

Rainy and cloud cover at 1500 mts, wind is calm. Mission starting time is 17:45

Flight Path:

First ADF station will be Gelendzhik's Beacon: 1000 kHz
(Use the NEAR ADF preset)



wp1 : Course 120° (magnetic) towards the Gelendzhik's Beacon.

First, climb over the cloud cover as soon as possible, to an altitude of 3000 mts MSL



Second, tune Smolenskaya Beacon: 662 kHz (Use the FAR ADF Preset)

wp2 : 60° towards the ADF

Now, manually tune the Proletarskiy NDB at 682 kHz

wp3 : 90° until reaching the NDB

Manually tune Peredovaya's NDB : 1210 kHz

wp4 : 107° until reaching the NDB.

Manually tune Mineralnye-Vody.'s Beacons:

OB : 583 kHz (put on FAR)

IB : 283 kHz (put on NEAR)

wp5 : 65° towards Mineralnye-Vody OB

Contact ATC to be sure from what direction to approach.
When over the OB, penetrate the clouds using a descending spiral turn.

Comm:

Radio Preset 1 : ATC Anapa

Radio Preset 2 : ATC Mineralnye-Vody

Radio Preset 3 : ATC Novorossiysk

Radio Preset 4 : ATC Gelendzhik

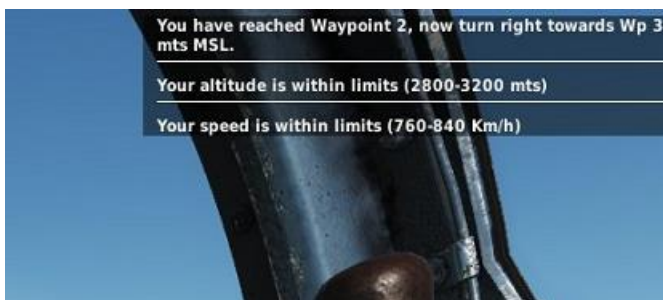
Radio Preset 5 : ATC Maykop

Notes:

- Maintain an altitude of 3000 meters MSL & 800 Km/h IAS, you will be rated at Wp2, Wp3 and Wp4



- Be careful of other air traffic on the area.
- There are instructions for tuning the ADF Radio on the Kneeboard.
- As the radio is currently hard to tune, feel free to pause the Sim when you need to tune. Hopefully Razbam will correct this soon.
- Remember to contact ATC of Mineralnye-Vody prior to landing.



Results Points:

- +10 for each Waypoint (Wp1, 2, 3 & 4) reached with less than 3 Km of deviation
- +5 each, for reaching Wp2, Wp3 & Wp4 within specified altitude (3000 mt +/- 200)
- +5 each, for reaching Wp2, Wp3 & Wp4 within specified speed (800 Km/h IAS +/- 40)
- +15 for a landing with Vertical Speed within 5 m/sec
- +30 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

