

Tutorial Description

Hello and welcome to the Flight Tutorial.

This is the fifth in a series of tutorials designed to teach players the fundamentals of airplane operations in CMANO. In this tutorial, the following topics will be covered:

- Shooting down an enemy airplane armed with short-range rear-aspect missiles.
- Shooting down an enemy airplane armed with medium-range missiles.

Created by Andrea D., a.k.a. SirAndrew

Briefing

Welcome to the Challenged Intercept Tutorial.

In this scenario you will be guided through the following topics:

- Shooting down an enemy airplane armed with short-range rear-aspect missiles.
- Shooting down an enemy airplane armed with medium-range missiles.

In this scenario pop-ups will appear with important messages. You can find them in the document that comes with the tutorial or you can open the message history in a second window by pressing Ctrl+Shift+M and scrolling to the appropriate message.

Note: To successfully complete this scenario, you will need to use the knowledge gained in the previous tutorials.

Message 1

Good morning!

Today you will impersonate the commander of the Ramat David Air Base in Northern Israel and you will learn how to engage armed enemy airplanes.

You have 6 F-16I Sufa, 2 F-15A Baz in the 1995 version, 2 F-15A Baz in the 1985 version, 2 Gulfstream G550 AEW Nahshon, 2 707 Saknayee tankers and 2 Hermes 900 Star UAV under your command.

On the various airplanes, you have loaded these Air-to-Air missiles:

AIM-120C-7 AMRAAM - All-Aspect and Datalink (DL/INS) mid-course plus Active Radar Homing (ARH) terminal guidance - 2-60nm

Python 5 - All-Aspect High Off-Boresight mid-course plus Passive Infrared (IR) terminal guidance – 0,2-15 nm

AIM7F Sparrow III - Semi-Active Radar Homing (SARH) - 2-55nm

AIM-9L Sidewinder - All-Aspect mid-course plus Passive Infrared (IR) terminal guidance - 0,2-10nm

Python 3 - All-Aspect mid-course plus Passive Infrared (IR) terminal guidance - 0,2-8nm

AIM-9J Sidewinder - Rear-Aspect mid-course plus Passive Infrared (IR) terminal guidance - 0,2-10nm

Message 2

We have good intelligence that a few Syrian airplanes are coming this way to escort a Tu-22MR Backfire C on a recon mission.

We don't want the Syrians to collect intelligence over Israel, so the intruders must be destroyed.

The fighters should be a couple of old MiG-21 Fishbed and a MiG-23 Flogger.

The Fishbeds should be armed only with short-range rear-aspect AA-2 Atoll and AA-8 Aphid, so you should be able to destroy them easily.

On the other hand, we think that the Flogger may be armed with AA-7 Apex A missiles, that have a range of 2-16nm, so you should be careful when engaging it.

Start by switching on a radar and launching a G550 AEW Nahshon. Then order some fighters to take off.

Message 3

You have just detected some airplanes.

That's normal, there is a lot of civilian traffic in this part of the world, so you need to carefully identify those airplanes!

Message 4

We have found the Syrian military planes!

If you already have a few fighters in the air, vector them to engage the enemy planes, otherwise launch them!

You can engage the Fishbeds with short-range missiles, like the Python 3 or a Sidewinder, but you should use a Sparrow or an AMRAAM against the Flogger.

The AA-7 are SARH missiles, so even if you shoot a Python 5 (maximum range of 15nm) to the Flogger, when he will try to evade your missile the AA-7 missiles will lose guidance and self-destruct.

You can even try to engage the Flogger with short-range missiles, but it's dangerous! If you want to do that, switch-off the radars on your fighters so that the enemy will have problems tracking them. Then, you can use terrain masking or the clouds to sneak up on the Flogger and destroy it at short range.

Message 5

Well done! You have successfully destroyed all the enemy airplanes.

I suggest you try again this scenario using different airplanes and weapons, to learn the various differences between them. This will be really useful when you will face more difficult aerial engagements.

When you think to be ready, head over to the next tutorial, where you will learn to shoot down airplanes armed with modern Air-to-Air Missiles.

Message Failure

You have just lost an airplane!

You should play again the scenario and try to destroy the enemy airplane without losses!

Message Civilian Killed

You have just destroyed a civilian airplane!

In real life, this is a war crime!

Play again the scenario and be more careful when you decide to shoot!

