

Virtual Air Combat Engagement

Simulator for live fire training



Training Simulation Report

Pilot

Name : Momus Mumos

Instructor

Name : ARESIA

Training details

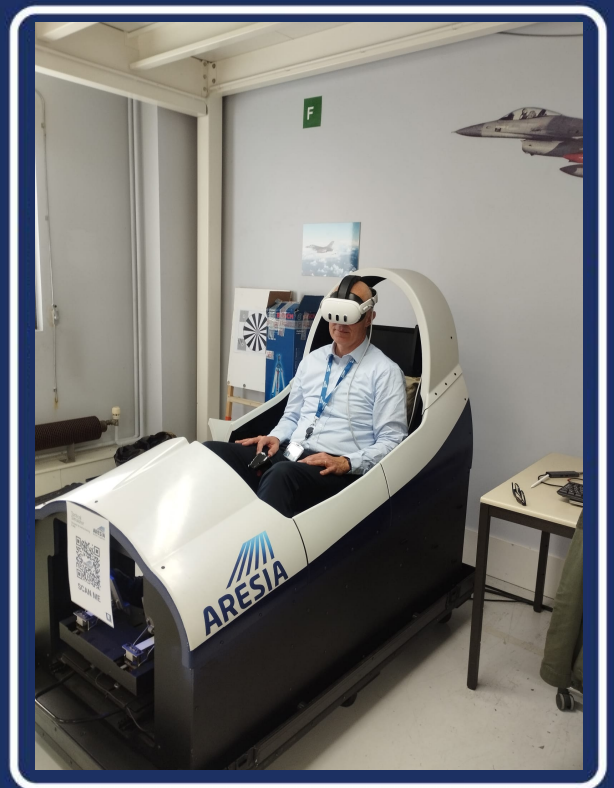
Date : 27/05/2025

Mission Type : AIR - AIR

Mission Name : Taxan

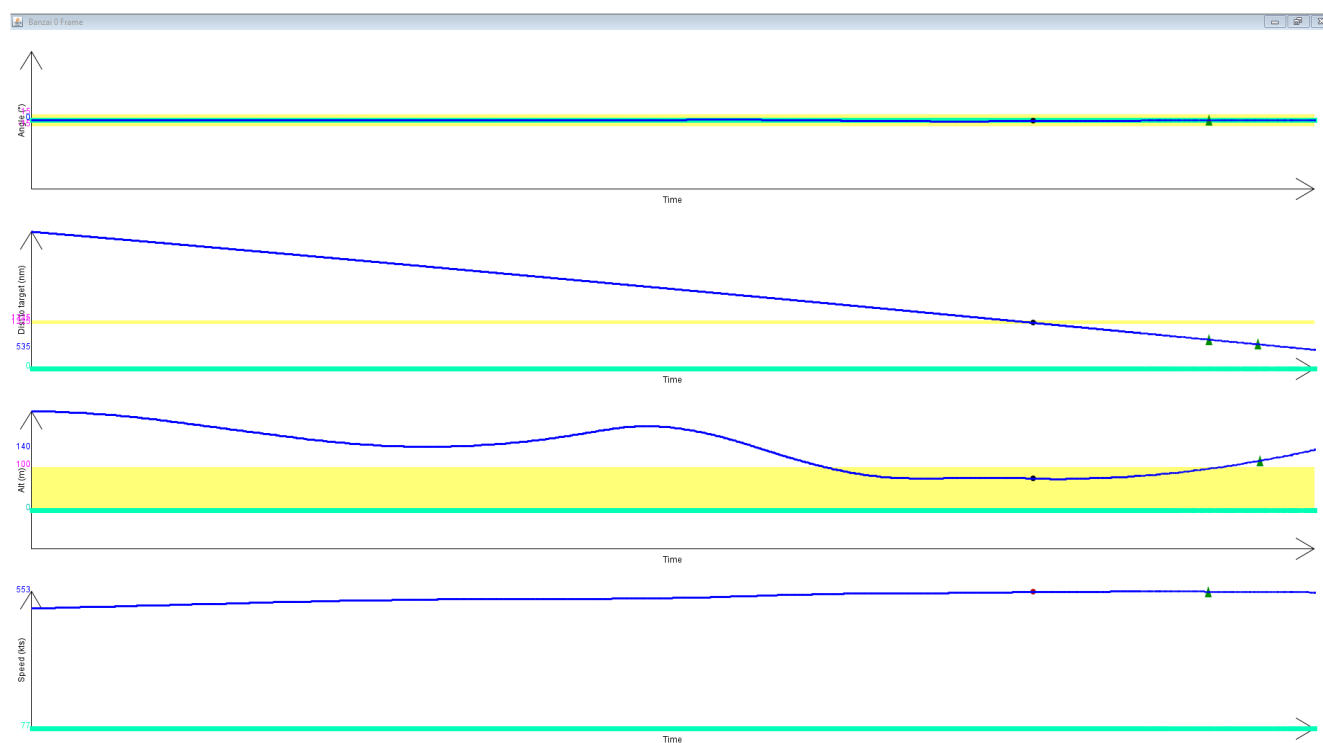
Plane : M-2000C

Map : Caucasus

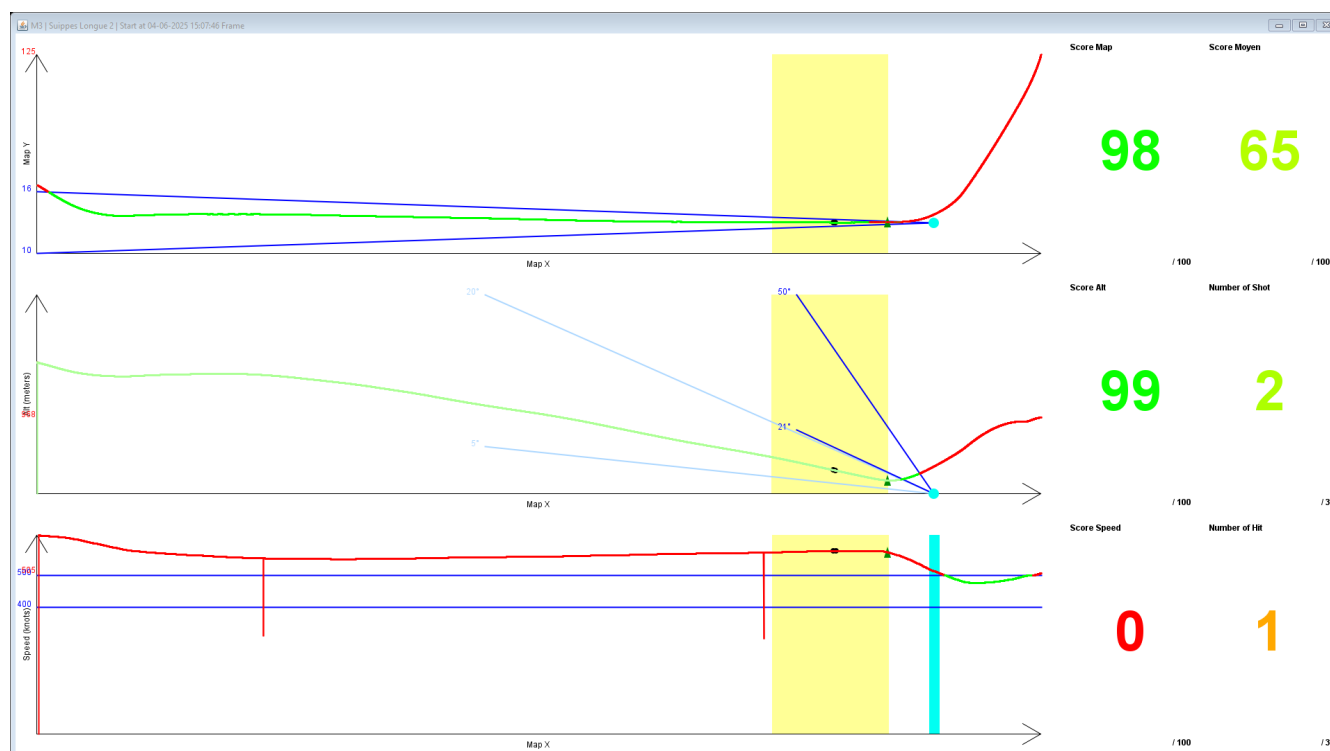


Training Simulation Report - Shots Details

Round 1



Round 2



● : instants de déclenchement du tir par le pilote

▲ : tirs ayant touché la cible

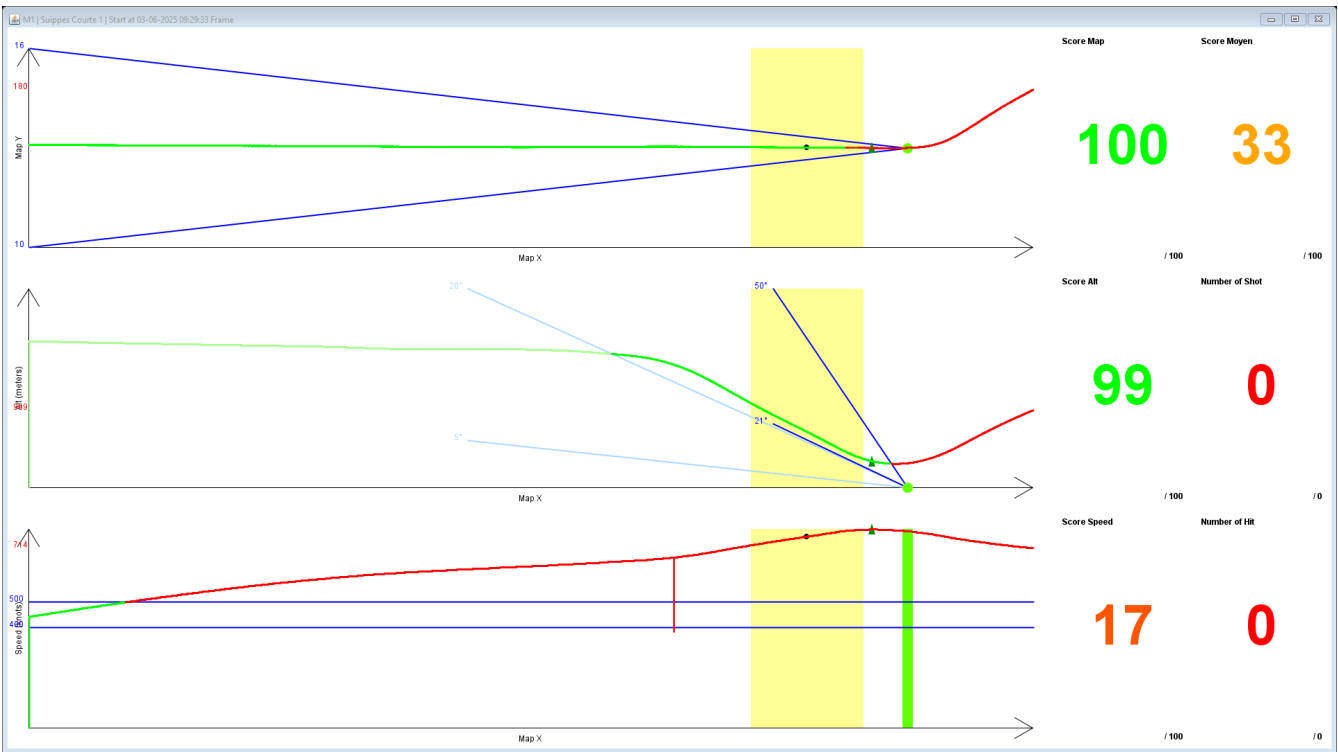
■ : fenêtre de tir

Training Simulation Report - Shots Details (Suite)

Round 3



Round 4



- : instants de déclenchement du tir par le pilote
- ▲ : tirs ayant touché la cible
- : fenêtre de tir

Virtual Air Combat Engagement

Simulator for Air-to-Air & Air-to-Ground Live Fire Training



SIMULATOR STATION

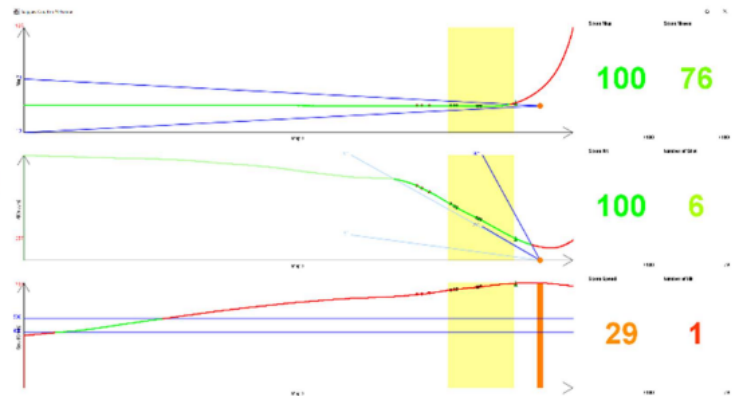
Virtual Reality Helmet
Joystick - Throttle - Rudder
Immersive environment
Real targets with 3D models

INSTRUCTOR STATION

Remote mission control
Mission Replay and Analysis
Record Mission / Pilot data
Virtual Instructor

PRODUCT

- Possibility to customize missions and aircraft
- Real Time Data Fusion (Trajectory, Eye Tracking, Hand Tracking, Stress Sensors ...)
- Multi pilots Training
- Real time Evaluation
- Radio Communication Training
- Voice Recognition / Synthesis



APPLICATIONS

- Reproduce real training in a virtual world
- Pre Train pilots before real trainings
- Check flight procedure for gunnery training
- Real Time Dangerous Situation Detection
- Automatic Report Generation



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VIDEO

<https://drive.google.com/file/d/1igE4wHErNEPPeFQGWXQXLpCjBrYCKJYa/view>

CONTACT

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