

# Virtual Air Combat Engagement

Simulator for live fire training



## Training Simulation Report

### Pilot

Name : avion mb

### Instructor

Name : ARESIA

### Training details

Date : 28/05/2025

Mission Type : AIR - GROUND

Mission Name : Suippes

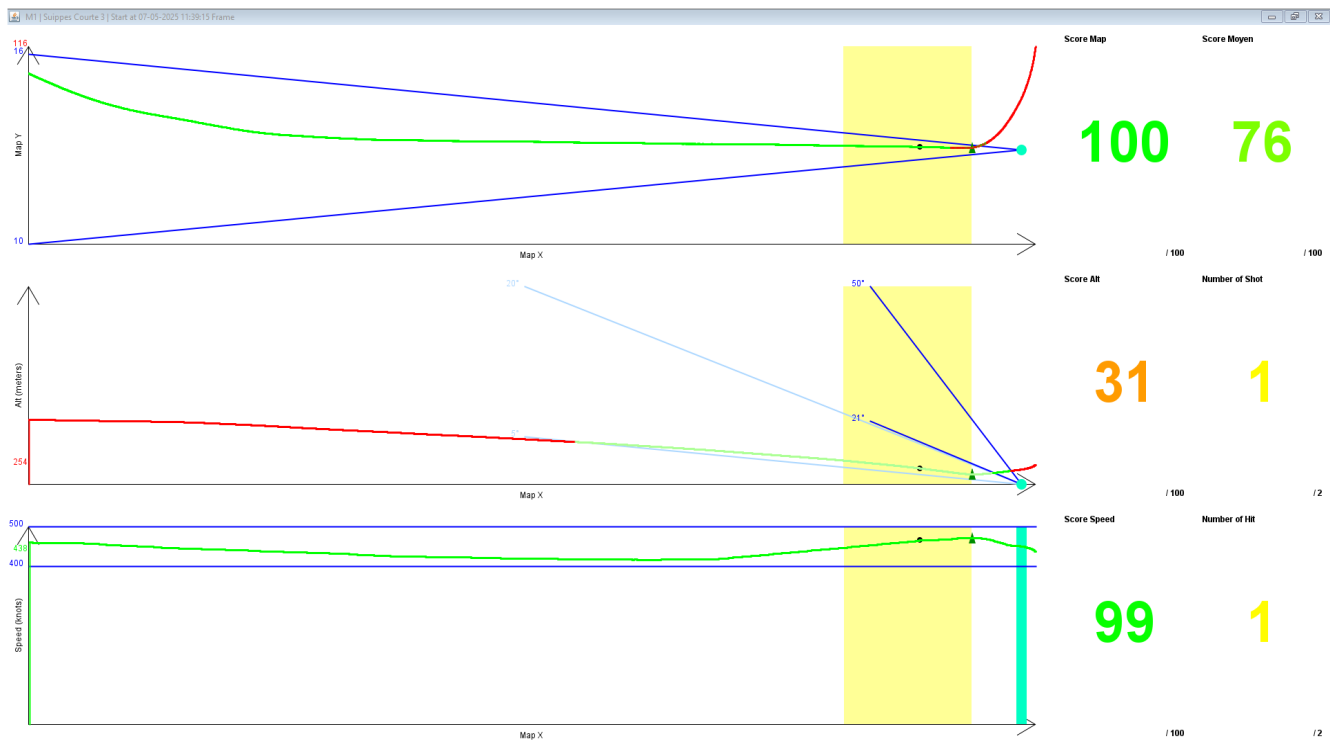
Plane : M-2000C

Map : Caucasus



# Training Simulation Report - Shots Details

## Round 1



- : 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

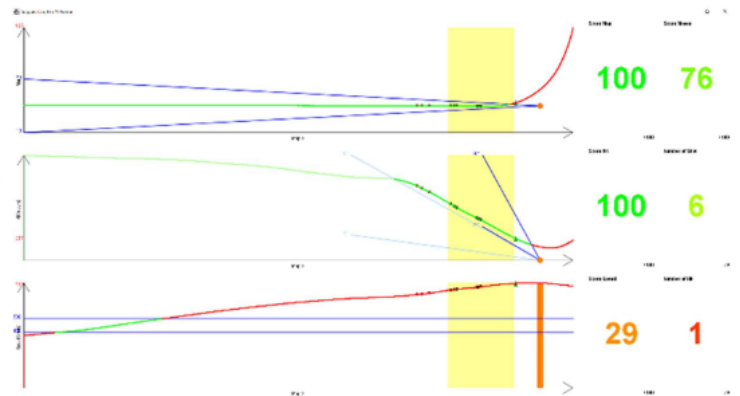
Virtual Reality Helmet  
Joystick - Throttle - Rudder  
Immersive environment  
Real targets with 3D models

### 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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