

# Virtual Air Combat Engagement

Simulator for live fire training



## Training Simulation Report

Pilot

Name : jean paul

Instructor

Name : ARESIA

### Training details

Date : 23/04/2025

Mission Type : AIR - AIR

Mission Name : Taxan

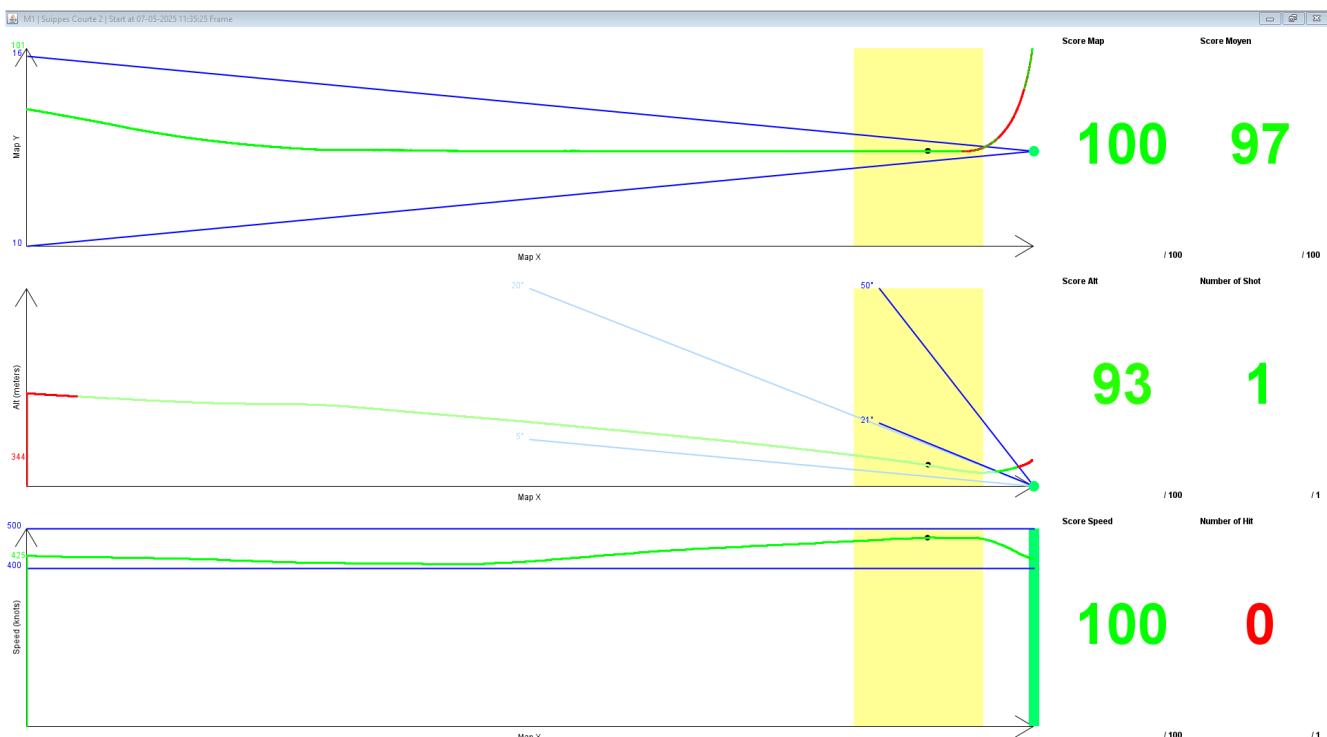
Plane : M-2000C

Map : Caucasus

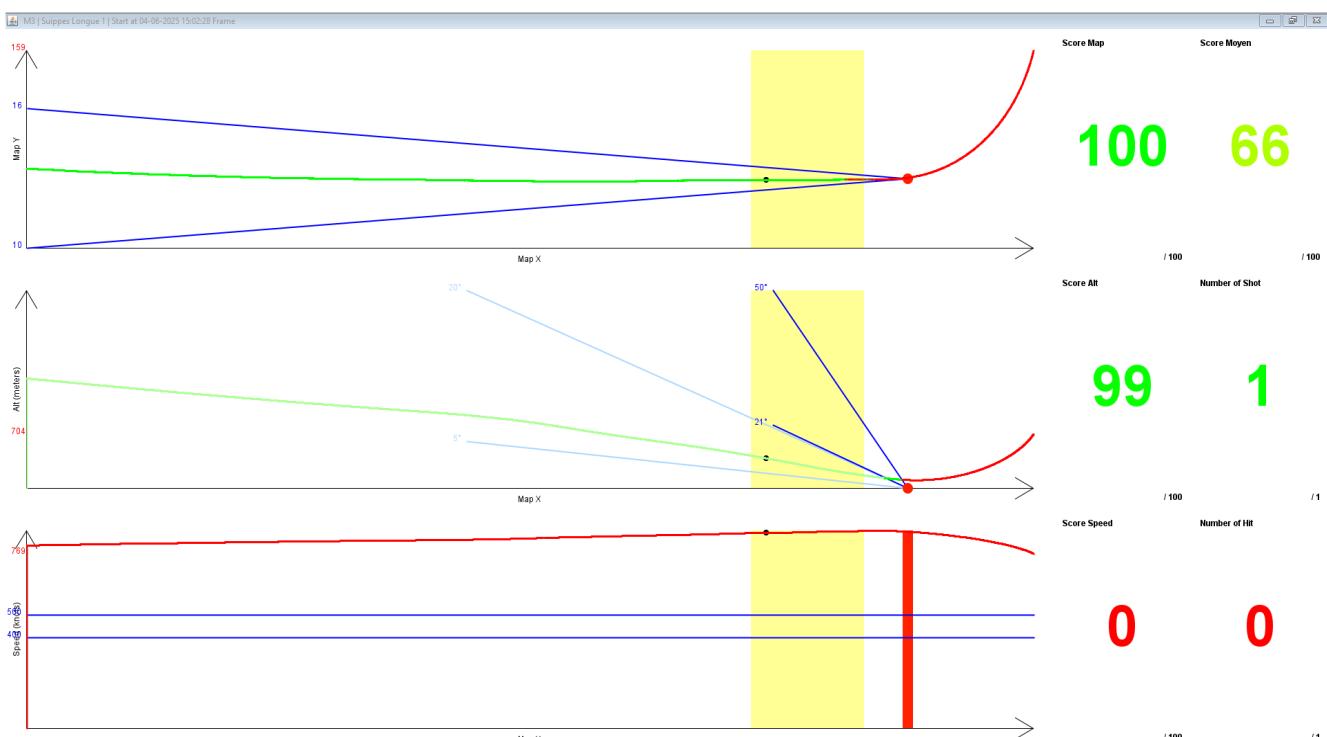


# Training Simulation Report - Shots Details

## Round 1



## Round 2



● : instants de déclenchement du tir par le pilote

▲ : tirs ayant touché la cible

■ : fenêtre de tir

# Virtual Air Combat Engagement

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



### SIMULATOR STATION

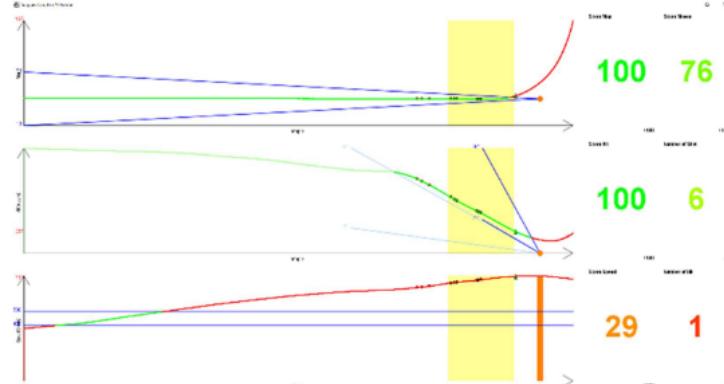
Virtual Reality Helmet  
Joystick - Throttle - Rudder  
Immersive environment  
Real targets with 3D models

### 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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