



FPV AIR SUPREMACY

DRONE SIMULATOR



TRAIN STRATEGIZE PREVAIL

ACHIEVING AIR SUPREMACY

Modern conflicts demonstrate that small Unmanned Aerial Systems (sUAS) have started to play a key role in establishing air superiority. Highly effective and cost-efficient, drone technology can assist in a wide range of tasks, from intelligence gathering and reconnaissance to kinetic actions.

O&S provides virtual training tools that can transform any personnel on the modern battlefield into a proficient actor in the air. Our drone simulation technology has already proven its merit in the field, and with the development of a dedicated military simulator, we are now expanding its possibilities.

FPV Air Supremacy is a state-of-the-art drone simulator with two key pillars: basic training for new FPV (First Person View) drone pilots and dedicated tools for sUAS Operation Planning.

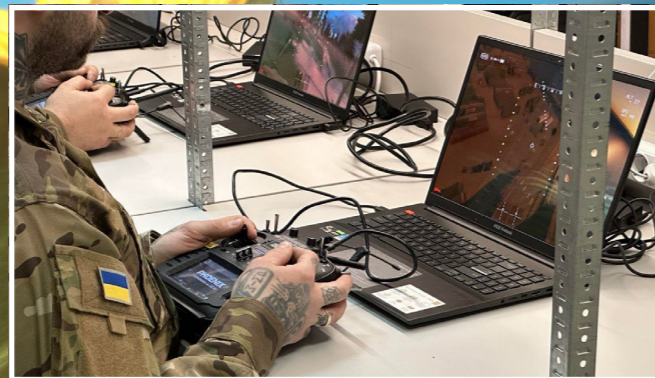
VISION

WHAT DRIVES US

In 2022 we witnessed one of Europe's most significant atrocities since WW2 unfold before our eyes. Russia started its aggressive campaign against Ukraine. Developing drone simulators since 2015, we realized we had the technology and expertise to make a difference. We took action and founded O&S.

There are many lessons to be learned from this conflict. One of them is that in the hands of a trained pilot, even hobby grade drones can become versatile assets on the battlefield. Like all technology, however, their efficacy is determined primarily by the skill level of their operators.

In Ukraine, operators are trained on our consumer-oriented simulators and we've all seen the results. Imagine the possibilities if these pilots were to train with a dedicated mission simulator, tailored to the needs of the defense forces.



ZBROY EDUCATION INITIATIVE



UA DRONE SCHOOL



THOUSANDS OF UKRAINIANS HAVE
TRAINED WITH OUR TECHNOLOGY

WHO?



FPV PILOTS

FPV Air Supremacy is an invaluable tool for any drone operator, providing a risk-free and customizable environment for pilots to practice and refine skills, whether they are novices training muscle memory or seasoned veterans looking to improve their technique.



OPERATION PLANNERS

FPV Air Supremacy can be used to plan operations prior to executing them in the field. Planners can evaluate different scenarios, test various approaches, and analyze the results to develop effective mission plans. This allows for greater preparedness and increased mission success.

FEATURES

BOOT CAMP

Our simulators train users in the operation of lightweight FPV drone systems, providing safe virtual settings to develop piloting skills at one's preferred pace. Every second spent practicing in the simulator equates to real-world flight experience.

OPERATION PLANNING

With the aid of satellite data, operators can emulate real-life locations, enabling precise mission planning and training. Factors such as season or time of day, along with the addition of virtual objects, can be configured to match circumstances on the ground.



FEATURES

DEFENSE CAPABILITIES

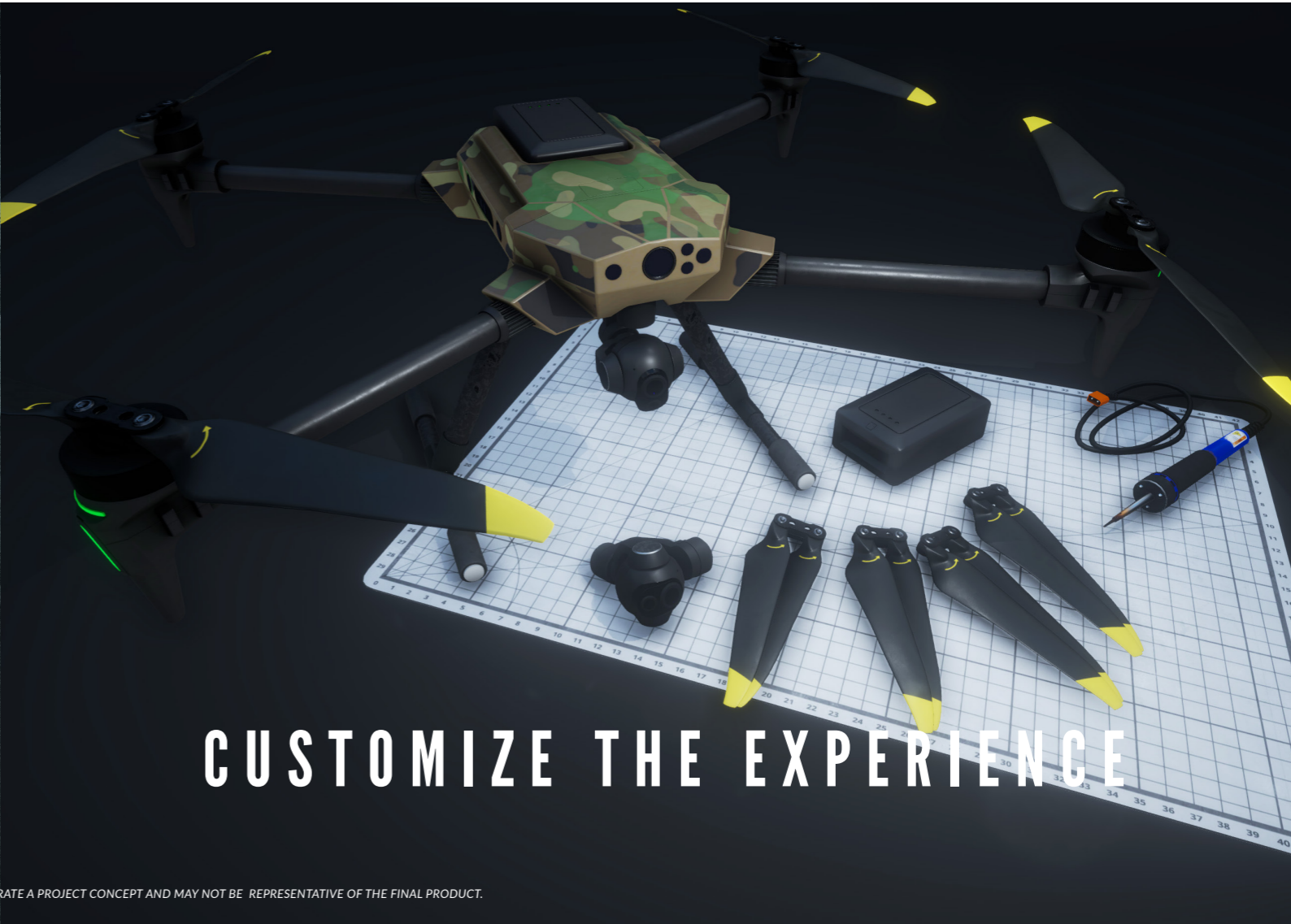
In addition to standard flight instruction, FPV Air Supremacy provides the chance to hone mission-specific skills. Practice flying with night vision or thermal sensors, or simulate scenarios involving one-way missions or the kinetic payloads.

DRONE CUSTOMIZATION

Customize the characteristics of the FPV system within the simulator to replicate precise real-life systems. Tailor the training experience by adjusting and adapting the hardware, payload, and sensor configuration within a virtual workbench.



EXPAND CAPABILITIES



CUSTOMIZE THE EXPERIENCE



DRONE SPECS

WEIGHT, DRAG, LIFT, THRUST



FLIGHT BEHAVIOR

LOS, LEVEL, ACRO



FLIGHT CONTROLLER

CONFIGURABLE FC SETTINGS



VIDEO SIGNAL

SIMULATED VIDEO DEGRADATION



BATTERY SIMULATION

LIPO MANAGEMENT



TRANSMITTER INPUT

USE MOST RADIO CONTROLLERS



CONDITIONS

WEATHER, SEASON, TIME

STATE OF THE ART DRONE SIMULATOR TECHNOLOGY



IMPORT MAP DATA



CONSTRUCT 3D WORLD



TRAIN ON LOCATION

GENERATE DIGITAL TWINS OF REAL LOCATIONS



OR & SABLE

Or & Sable is an innovative and forward-thinking Belgian startup aiming to revolutionize the way military personnel train for critical operations with small unmanned aircraft systems.

With over a decade of experience in this field, the founders have become recognized leaders in the world of civilian FPV drone simulators. With its cutting-edge technology, experienced team, and commitment to quality, the company is poised to take the military drone simulation to new heights.



WORK WITH US

LET'S BUILD THE ULTIMATE SIM EXPERIENCE TOGETHER

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Our aim is to provide tailored solutions that meet your unique requirements. We have the ability to personalize our framework to incorporate your specific use cases and content.



OR & SABLE