

# HERO TRAINING

TRAINING FOR OPERATIONAL  
EXCELLENCE WITH THE  
HERO SYSTEMS



HERO 30



HERO 90



HERO 120



HERO 400

Mastering Loitering Munitions:  
**Equipping HERO Operators for Combat Proficiency**

**Operators will engage in hands-on exercises to reinforce their understanding and build operational skills by mirroring real-life situations, and preparing HERO operators for actual combat environments**

## **TRAINING FOR OPERATIONAL EXCELLENCE WITH THE HERO SYSTEMS**

### **Building Proficiency from the Ground Up**

Our advanced training program is designed to empower HERO users with the skills to excel in real-time combat, even in life-threatening situations.

**Foundational Concepts:** The program begins with fundamental concepts, providing insights into loitering munition (LM) systems and their battlefield applications, including aerodynamics and ground and air navigation. This integrated training experience instills confidence, competence, and resilience in every HERO operator.

**Preparation and Learning:** We emphasize pre-mission preparation and briefing, post-mission analysis and debriefing, and continuous learning. These practices ensure that operators are always ready to handle any situation.

**Tailored Curriculum for all Proficiency Levels:** Whether the program is being used by a beginner or a more experienced operator, our courses equip users with a deep knowledge base. The more comprehensive their knowledge, the better prepared they will be to respond effectively and decisively under fire.

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### **Interactive, Hands-On Learning Experience**

Our training program offers an interactive, hands-on learning experience, providing comprehensive, accessible, and engaging tools to our trainees.



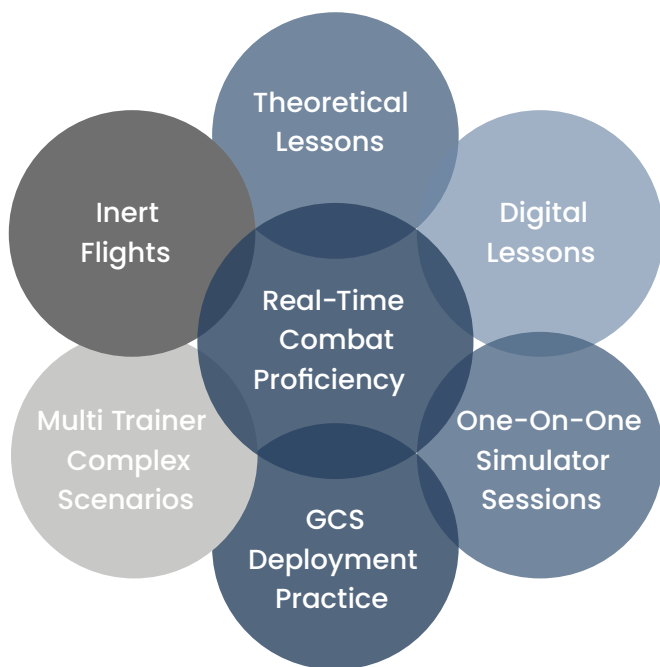
Hands-on exercises that involve using system components. Operators will become highly familiar with the system through dummy launches, field flights with parachute-equipped systems, and actual inert field flights.

**Hands-On Practice:** Theoretical classes are supported with practical, hands-on exercises that involve using system components. Operators will become highly familiar with the system through dummy launches, field flights with parachute-equipped systems, and actual inert field flights. These exercises will enhance their skills and confidence in handling the system.

**Digital Lessons for Convenient Access:** Our digital lessons provide easy access to essential materials anytime, anywhere, and at the user's own pace. From detailed tutorials on munitions and ground support equipment to maintenance practices, these units facilitate continuous learning beyond the formal training period.

## Adaptive and Tailored Training

In real combat, missions and situations are dynamic and ever-changing. Our training program is designed to recreate these complexities, providing adaptive and tailored training to meet the unique needs of our clients. Tailored to Proficiency Levels and Mission Objectives: Whether it is being used by a novice operator with no previous background or a highly experienced one seeking advanced training, the course is customized to align with the user's proficiency level and operational requirements. Realistic Scenarios in the Mission Simulator: The mission simulator emulates the operational environment and combat challenges users will face, including extreme weather conditions, crowded urban environments, rugged topography, and specific threat types. By replicating actual battleground conditions, trainees gain valuable experience and enhance their readiness for real-time missions.



## Courses

Our training program offers a range of specialized courses that cater to different roles and proficiency levels. Each course is designed to provide targeted training and enhance specific skills related to the HERO system.

- **Operator Course:** A program designed to equip trainees with the skills required to operate the HERO system effectively including basic, O-Level maintenance procedures.
- **Technician Course:** An Intermediate-level (I-Level) course designed to train Hero technicians, complex malfunctions and periodic maintenance.
- **Train the Trainer:** An intensive instructor course designed to provide comprehensive knowledge of the system and simulator operation to trainees, empowering them to train their soldiers across various units.
- **Refresher & Competency Course:** A program focused on the retention and updating of professional knowledge about the HERO system, including refresher sessions on the system as needed (depending on the course).





# SIMULATION TOOLS

## Mission Simulator – A Realistic Training Tool

UVision's HERO Training and Simulation system offers a realistic training environment for users of all levels. It supports a wide range of operational scenarios, significantly reducing the systems' life cycle cost. Powered by UVision's software and GUI, the simulator runs on the operational HERO Fire Control Unit (FCU), providing an authentic real-life training experience.



## Fire Control Unit Embedded Simulator

Our embedded simulator is seamlessly integrated into the combat FCU, offering exceptional ease-of-use and efficiency. Operators can refine their skills and train for combat without the need for extra equipment or dedicated training areas. This portable simulation capability allows operators to practice planned missions right up until deployment, ensuring readiness in real-time field scenarios.



## Squad Trainer

The Multi-Operator Simulator provides an advanced training environment, which allows simultaneous operation of multiple HERO systems within a single operational scenario (by up to six operators). In this way, commanders can practice LM deployment in real-time battle scenarios.



## Simulation Tools – Key Features

- Promotes comprehensive understanding of HERO system utilization in a complex and dynamic battlefield.
- Features one instruction station and multiple trainee stations, all functioning concurrently within the same operational area.
- Offers realistic simulation of EO payload and automatic video tracker dynamics and behaviour.
- Utilizes a precise six-degrees-of-freedom engine, emulating actual air vehicle dynamics and flight logic.
- Enables incorporation of user-generated mapping data, 3D models, and interactive scenarios.
- Capability to simulate joint operational scenarios involving two or more loitering munitions in one mission.

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With our cutting-edge simulation tools, users will gain an immersive and realistic training experience, preparing them for the challenges of real-world combat scenarios. By embracing the power of advanced training, they will become highly skilled HERO operators.