

AUSA 2018: UVision to present new capabilities of its Hero-30 lethal loitering system and advanced training and simulation solution

New capabilities include a lightweight next-gen launcher for enhanced operation.

The company will also highlight HERO's advanced simulation system, which enables pre-mission rehearsal and training for the fighting forces.

AUSA 2018, October 8-10, Washington, stand #8501

2 October 2018. **UVision Air Ltd.** - a global pioneer of high-precision lethal loitering systems of all sizes - will present the Hero-30 launcher in its new advanced configuration, at AUSA 2018. The entire HERO family will also be on display at the event.

The newly configured launcher offers reduced system weight, greater safety and ease-of-use during launch, and can be easily mounted on military platforms. Its pneumatic launch, low noise and low thermal signature make the Hero-30 an invisible, high-precision surprise and lethal attacker, providing a major asset to the fighting force.

At AUSA, UVision will also highlight an advanced simulation system for the HERO family of loitering systems, for use by training forces with the HERO system and its capabilities, thus avoiding the costs, risks and constraints inherent in live fire missions. The entire HERO family will also be on display at the event.

"Both the new launcher and the simulation system have been developed with the aim of enhancing efficiency of military forces," says Noam Levitt, CEO of UVision. "The simulation system enables training in a virtual environment in order to fully prepare soldiers for live missions. In the field, the new launcher, with its reduced weight and external compressed air canister, offers the soldier operational efficiencies and ease of use. Both the HERO system and the new launcher are already being used by forces worldwide."

Hero-30 Lethal Loitering System

Man-pack portable, the Hero-30 is the smallest system in the UVision family of smart loitering systems. Deployable within minutes, the Hero-30 is capable of speeds of up to 100 knots and is ideal for anti-personnel and light-skinned-vehicle attack missions. The new launcher makes the system even lighter and therefore easier to operate, while also providing greater safety during launch, thanks to the external compressed air canister.

The HERO Simulator

The HERO Simulator training system provides a high-fidelity environment and mission simulation, as well as instructional capabilities, allowing users of all levels to train in a wide range of operational scenarios. The system is based on proprietary software that runs on the HERO Operator Control Unit (OCU). It includes 3D training databases, and computer-generated forces and 3D objects. Its control hardware utilizes real flight and wind tunnel data, as well as the actual Loitering Munition (LM) autopilot and video tracking, to create a realistic environment. The Windows-based simulator is fully compliant and completely integrated with the actual autopilot flight control system. Recording and debriefing modes deliver clear and constructive feedback to trainees. New features can be added on demand, making the HERO Simulator the ideal tool both for training new operators and mission rehearsal for units in the field.

About the HERO Family

The HERO family is comprised of seven loitering munitions systems (Hero-30, Hero-70, Hero-120, Hero-250, Hero-400EC, Hero-900, Hero-1250), designed for different missions at various ranges. HERO systems enable high-speed transit flight and low-speed loitering, depending on the tactical or strategic needs of the mission - handling moving targets; moving light-duty vehicles, tanks and other strategic objectives. Enabling precision attacks on targets, using warheads of various types and weights, the systems may also be provided in ISR configuration, enabling the use of the platform as a means of gathering intelligence.

The HERO family can carry out pinpoint strikes in urban areas or remote locations, with minimal collateral damage. In cases where an attack is aborted, the systems can be recalled and another target selected. With extremely low noise and thermal signature, these systems integrate highly-advanced, stabilized electro-optic day/night cameras, and are ideal for deployment from air, land and sea.

About UVision Air Ltd.

UVision designs, develops and manufactures smart, innovative, cost-effective, lethal aerial loitering systems for customers worldwide. With cutting-edge technology backed by over 30 years of extensive field experience, the company bases its systems on unique aerodynamic platform configurations that meet the requirements of today's new battlefield doctrines for combat operations in complex, dynamic environments. These solutions come with outstanding flight qualities, enhanced surveillance options, advanced airborne guidance and navigation systems, precision strike capabilities, and command and control stations that are fully integrated with communication links.

With a view to gaining a market advantage in international tenders, UVision has signed several strategic partnerships with leading defense industry players. One such partnership, with Raytheon in



the US, to adapt its Hero-30 remotely-operated lethal loitering system to meet US military requirements.

UVision's operations are ISO 9001:2015 certified for Research & Development, Production, UAV Services, Aviation Quality Composite Material Production and UAV flight services.

For more information, visit us at www.uvisionuav.com

Contact Information

Ronit Konfidan
Marketing Communications Manager
UVision Air Ltd.
Tel: +972-9-749-6822
Mobile: +972-52-3786665
Email: ronit.k@uvisionuav.com
www.uvisionuav.com