



Dubai Airshow 2021: UVision to Display its Next Generation Aerial Strike Capabilities

Air-launched loitering munitions offer extended-range capabilities for complex & strategic missions

Dubai Airshow, Dubai UAE, November 14-18, Stand 892

November 14, 2021 [UVision](#) Air Ltd. - a global leader in aerial loitering munition systems of all sizes for a variety of missions - will for the first time present its Hero Series of high-precision, combat-proven loitering munitions with air-launch capabilities for increased range, for any mission requirement, at the Dubai Airshow 2021.

The HERO family of highly-lethal loitering munition systems has been specially designed to meet the specific requirements of launch from an aerial platform. With low acoustic, visual, radar and thermal signature, and equipped with a substantial warhead to counter high-value and fortified targets, the systems can locate, track and strike hidden or moving objects with extreme accuracy. Suitable for deployment from multiple aerial platforms, Hero systems feature high-speed transit flight and a modular payload, fitted for a variety of electronic measures as well as explosive 'kinetic' charges, making it suitable for use in almost any extended-range attack mission.

"The Hero series of loitering munition systems provides combat forces with unique capabilities for the modern battlefield, providing tactical echelons with lethal capabilities of unprecedented precision, while minimizing sensor-to-shooter cycles and maintaining operational independence," says Major General (Ret.) Avi Mizrachi, CEO of UVision. "These capabilities are already combat proven by major NATO military forces and others among UVision's leading operational customers worldwide. The Abraham Accords open up new opportunities for cooperation between UVision and military forces in the UAE region. We plan to introduce our latest, most advanced combat-proven loitering munition systems, which meet the requirements of the region. UVision considers the UAE to be an important market, and we are working to reinforce the new partnership between our countries."

At the Dubai Airshow, UVision will feature the following systems (Booth #892):

Hero-30 Loitering Munition System- developed and manufactured by UVision, the Hero-30 incorporates a high level of precision attack and abort capabilities. This simple-to-operate system enables front-line forces to initiate operations, as well as to respond to any enemy target or threat that arises, and eliminate it with extreme accuracy. The Hero-30's advanced capabilities include striking targets with high tracking precision and lock-on, a last-second-mission-abort, and re-engagement for a second attack attempt or change of target. Its versatile installment configurations (man-packed, vehicle-mounted or stationary) make it ideally suited to a diverse range of operational scenarios.



Hero-120 Loitering Munition System - a mid-range, anti-armor loitering munition system which meets the complex requirements of the modern battlefield. Hero-120 is a high-precision smart loitering munition system with a unique aerodynamic structure that carries out pinpoint strikes against anti-armor, anti-material and anti-personnel targets, including tanks, vehicles, concrete fortifications, and other soft targets in populated urban areas. The Hero-120's high-precision capability ensures minimal collateral damage. Its wide range of multi-purpose warheads enables the operational user to effectively engage all targets.

Hero-400 Loitering Munition System - a long-range, high-precision loitering munition system with a low acoustic, visual and thermal signature that can locate, track and strike static and moving targets with high accuracy, and minimal collateral damage. Precision strike capabilities, extended endurance of up to two hours, and a multi-purpose warhead – including concrete piercing, anti-tank, and anti-personnel that handle different types of targets with exceptional accuracy – enable long-range and versatile missions. Due to its exceptional maneuverability, the Hero-400 provides an advanced mid-air abort capability that enables automatic re-entry into loitering mode, re-engagement, or return to the recovery area using a parachute.

Hero Training and Simulation System – realistic virtual training for the Hero series of loitering munitions. With three configurations – classroom, portable and embedded in the operational control unit - UVision presents a comprehensive solution for Hero operators, enabling a higher level of training flexibility. The classroom configuration provides a robust simulation solution with a rich and versatile scenario generator for multiple trainees. The portable and embedded field simulator configurations give Hero operators continuous hands-on training, at various levels, during deployments, maintaining the highest level of operational proficiency and readiness – anytime, anywhere.

About UVision Air Ltd.

UVision designs and manufactures combat-proven smart loitering munition systems, providing military organizations around the globe with precise and effective operational attack capabilities. Its innovative, cost-effective systems are based on cutting-edge technology and 30 years of extensive field experience by military professionals, engineers, and the company's own management team.

The HERO series of systems provides high-precision strike capabilities, based on unique aerodynamic platform configurations. UVision's loitering munitions are designed with unique flight qualities for precision-attack munitions, integrating advanced airborne guidance and sophisticated navigation algorithms, integrated with C4I stations – thereby meeting the requirements of today's modern battlefield for combat in complex and dynamic environments.

The HERO series of loitering munitions is suitable for tactical and strategic targets – whether for short, medium or long-range – utilizing a variety of warheads to ensure maximum mission effectiveness. The units are operationally deployed and field-proven. ISO certified, UVision is fully committed to providing turnkey solutions to its extensive network of partners and customers around the world, with high-quality service and swift support.



For more information on UVision, please visit www.uvisionuav.com

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