

Press Release

PAE ISR Selects TASE400 Laser Designator for Resolute Eagle

STERLING, Va., October 8, 2018- PAE ISR, LLC, the original equipment manufacturer of the Group 3 unmanned aerial system (UAS), Resolute Eagle, selects the UTC Aerospace Systems TASE400 LD optical and laser designation payload system.

“The TASE400 LD provides operators with day/night, visible/mid-wave infrared (MWIR) imaging capabilities for improved situational awareness and an optimized lens design for enhanced object recognition,” said Jake Jacobs, PAE ISR chief technology officer. “Weighing in at 10.6 pounds and only 7 inches in diameter, this system provides unmanned aircraft operators with a light weight option that provides true day/night reconnaissance and targeting capability.”

Integrated into this system is on-board video processing with image stabilization, overlays, picture in picture (PIP) and enhancement capability. An on-board global positioning system/inertial navigation system (GPS/INS) with integrated geo-pointing and ViewPoint tactical processing, exploitation and dissemination (PED) provides operators the ability to multitask, record and disseminate critical data for use at their fingertips. The system’s laser designator is compatible with all NATO guided munitions and semi-active laser seekers and is fully compliant with NATO STANAG 3733 requirement for low power consumption and high output energy, providing operators with extreme precision at long ranges.

“The TASE 400 LD is the latest addition to the Resolute Eagle platform, said Beth Beach, PAE ISR vice president of business development. “We are pleased to be one of the first companies offering this critical functionality in a highly capable, cost effective platform.”

The single, reconfigurable aircraft comes in two configurations—standard and vertical take-off and landing (VTOL)—with a flight endurance of 12 to 18+ hours depending on configuration. It is runway independent and offers the VTOL configuration for deployment and recovery in challenging conditions, including maritime and Special Forces operations. The aircraft also features a large payload capacity of 75+ lbs (34.0 kg), very low acoustic signature at mission altitudes, small logistical footprint, and significant power onboard for multi-intelligence payload integration.

About PAE ISR

PAE ISR LLC provides intelligence, surveillance, and reconnaissance solutions and services to U.S. government agencies, NATO, and other international organizations. As a lead systems integrator and full-service provider for unmanned aerial systems, PAE ISR has significant experience in system integration, test and evaluation, operations and maintenance, logistics, training, deployment support, and leased UAS services.

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