Lockheed Martin Small Quadrotor Unmanned Aerial System Upgraded With High Resolution Thermal Imaging Capability

Indago 3 gives users an eye in the sky in minutes

Indago 3 provides a long-range, secure platform for a wide variety of operations.

DENVER, May 2, 2018 – Lockheed Martin's (NYSE: LMT) Indago 3, a small quadrotor unmanned aerial system has been upgraded with high resolution infrared sensors capable of day or night operations.

"Providing an infrared capability for Indago further enhances the uses for this small but powerful system," said Rich Bonnett, Indago program manager with Lockheed Martin Procerus Technologies. "With its endurance and quick deployment ability, Indago can be used for tasks ranging from surveillance to supporting firefighting operations to search and rescue."

Indago's infrared system, called Noctis, consists of dual FLIR infrared cameras that provide real time streaming video and still imagery. Noctis uses wide and narrow fields of view with a digital zoom field of view from 32 degrees to 2 degrees, with seamless transition between cameras. Its vision processing provides feature tracking of objects, reducing operator workload. Noctis is offered in two variants, laser equipped, or non-laser equipped.

The Indago 3 quadrotor UAS weighs less than five pounds and can be airborne in less than three minutes. Along with a low acoustic and visual signature during startup and flight, the platform's haze grey color minimizes visual detection during missions. Depending on payloads, Indago 3 can fly up to 50 minutes at a cruise speed of 25 mph and can operate at temperatures as low as 30-degrees below zero, and as high as 120 degrees.

For more information about Indago, visit: https://www.lockheedmartin.com/indago. For additional information about Lockheed Martin's autonomous and unmanned systems, visit: www.lockheedmartin.com/unmanned.

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