Leonardo DRS Unveils New 5-inch Electro-Optical/Infrared Stabilized Gimbal for Group 1 UAS Platforms

Release from Leonardo DRS

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Available with Company's Market-Leading TENUM 1280 High-Performance Infrared Imager

ARLINGTON, Va.– Sep. 11, 2023– Leonardo DRS, Inc. (NASDAQ: DRS) announced today that it is releasing its next-generation 5-inch stabilized, multi-sensor EO/IR payload gimbal, with market leading high-definition nighttime imaging capability.

The Small Unmanned Aircraft System Tactical Agile Gimbal (STAG)-5 LLD gimbal is designed for small, unmanned aircraft systems, including common launch tube UASs, small tactical multirotor UAVs, and light fixed-wing aircraft and helicopters.

The STAG-5 LLD is the latest advancement in the DRS STAG-5 family of gimbals designed for Class 1 UAS platforms used across the U.S. military for a range of missions. The gimbal provides a combination of the newest small high-performance sensors including high-definition electro-optical, high-definition long-wave infrared, short-wave infrared, laser range finder and a laser target designator. The gimbal systems are highly stabilized, Modular Open Systems Architecture (MOSA) compatible, less than 6" diameter and weigh under five pounds. STAG-5 LLD delivers higher performance through significant savings in weight and volume over current competitor products.

The high-definition long-wave package includes the industry leading DRS TENUM 1280 10-micron uncooled camera core. TENUM is a commercial off-the-shelf sensor providing ultra-high resolution and long-range imaging performance in a small package.

“Adding this high-performance gimbal for day and night use to our STAG-5 family of systems provides the warfighter a market leading capability to improve airborne operations, including JTAC missions, from small, highly portable UAV platforms,” said Jerry Hathaway, senior vice president & general manager of the Electro-Optical & Infrared Systems business. “We are proud of our innovative team that developed this breakthrough capability, it offers UAS primes, operators, and end-users a new choice to improve their intelligence surveillance reconnaissance-targeting mission execution and effectiveness.