NEWS RELEASE

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Curtiss-Wright Introduces New Rugged High-Speed Digital Video Camera for Aerospace Instrumentation Applications

Pre-tested/qualified for Flight Test applications, the nHSC-36-S1-1 Camera delivers state-of-the-art imaging and fits legacy rugged mount locations

INTERNATIONAL TELEMETRY CONFERENCE, LAS VEGAS, Nev. (Booth #317) **– October 23, 2017 --** Curtiss-Wright's Defense Solutions division today announced that its Aerospace Instrumentation (AI) business unit has introduced a new miniature camera designed to capture high-speed imagery and record data in the harsh environmental rugged conditions of aerospace test applications. The high resolution (1280 x 1024 pixels) **nHSC-36-S1-1** is ideal for use in demanding airborne store separation testing and helicopter testing applications. It's also a compelling solution for use in ground vehicle applications, such as military automotive crash testing. This size, weight, and power (SWaP) optimized camera measures only 3.12" W x 3.42" H x 2.87" L and weighs only 42 oz. Designed for high-speed imaging applications, the nHSC-36-S1-1 camera supports the imaging of high speed events at up to 500 frames per second at full resolution. With support for 100/1000BASE-T Ethernet, the camera supports 25 MBps image data downloads rates (estimated) to network-based solid state recorders such as the Teletronics ADSR-4003F series recorder.

Curtiss-Wright's AI business unit was recently formed by the integration of its Dublin business unit (based in Ireland) and Teletronics Technology Corporation (TTC) business unit (based in Newtown, Pennsylvania). The combination of the two businesses has established the test and telemetry market's leading supplier of data acquisition technologies for use in flight test instrumentation applications worldwide. The AI business unit offers the aerospace test instrumentation industry's broadest and most experienced single source for customers of commercial and defense aerospace instrumentation system solutions.

Because the nHSC-36-S1-1 is pre-tested and pre-qualified for the harsh environments typical of airborne testing, it can be rapidly deployed with little effort. It is compatible with legacy rugged airborne mount locations, enabling a simple solution for upgrading obsoleted cameras. The camera is available separately or as an integral component in a fully integrated flight test system

solution. The nHSC-36-S1-1 works seamlessly with AI's data acquisition product line, the aerospace test instrumentation industry's largest. For example, the camera easily integrates into a complete system with other Curtiss-Wright network equipment including network switches, recorders, the CCP-2100 camera control panel, and the nMGR-2000 high-speed camera manager.

"As legacy cameras are rapidly becoming obsoleted, our flight test customers have sought up-to-date digital video alternatives that don't delay or add cost to their program," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. "Our new rugged high-speed camera is designed to perform optimally while enduring the intense shock, vibration and other environmental challenges of airborne testing. Even better, this pre-qualified and tested unit fits into existing airborne mount locations, making it an ideal choice for upgrading legacy systems."

About the Curtiss-Wright Aerospace Instrumentation Group
In 2017, Curtiss-Wright integrated its Dublin business unit (Ireland) with the TTC business unit (based in Newtown, Pennsylvania), to form the Industry's broadest and most experienced single source for customers of commercial and defense aerospace instrumentation system solutions. With the merger of the two business units, Curtiss-Wright now supports more aerospace flight test customers, platforms, and programs than any other competitor around the world. What's more, with its increased resources and global reach, the Company is able to significantly expand the availability of its unmatched quality and customer support, while bringing even larger system-level solutions to market.

Already offering the market's broadest range of in-house designed system level data acquisition products - including data acquisition units (DAU), gateways, transceivers, recorders, cameras, managers, and switches - the integration of these two business units and their resources further strengthens Curtiss-Wright's continued focus on developing new products to meet its customers' data acquisition requirements.

For more information on Curtiss-Wright Defense Solutions products, please visit www.curtisswrightds.com.

About Curtiss-Wright Corporation
Curtiss-Wright Corporation is a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships. The company employs approximately 8,000 people worldwide. For more information, visit www.curtisswright.com.

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