Aery Aviation Selected to Support Development and Integration of Advanced Airborne Mission System

NEWPORT NEWS, VA, UNITED STATES, September 14, 2026 /EINPresswire.com/ -- Aery Aviation, LLC announced today that it has been selected as the aircraft integration subcontractor to Integrity Defense Solutions, Inc. (IDS) on the U.S. Air Force's Ground & Remote Integrated Data – Interoperable Real-Time Operations Network (GRID-IRON) prototype effort. IDS's Obsidian Shield solution was competitively selected to deliver an affordable, scalable interoperability capability across multiple aircraft platforms.

Under the program, Aery will provide aircraft integration, structural and systems engineering, airworthiness support, prototype development, manufacturing, and flight test expertise to transition the Obsidian Shield airborne capability from prototype through operational demonstration.

The effort also includes the design and maturation of a modular external mission system that enables rapid integration of emerging technologies across multiple aircraft platforms. Built around an open architecture approach, the system is intended to provide a flexible foundation for future mission growth while reducing aircraft integration timelines and lifecycle costs. The current development phase includes prototype fabrication, laboratory integration, environmental qualification, flight testing, and preparation for low-rate production.

"GRID-IRON reflects the type of advanced mission integration Aery was built to deliver," said Scott Beale, President of Aery Aviation. "We're proud to partner with Integrity Defense Solutions to provide the aircraft engineering, integration, and certification expertise needed to rapidly field this capability for the U.S. Air Force while helping expand the platform for future operational requirements."

The program builds upon Aery's growing expertise in designing, modifying, certifying, manufacturing, and sustaining specialized aerospace systems for defense and government customers. Leveraging its FAA-certified aircraft modification facilities, engineering organization, and flight operations capabilities, Aery provides an integrated approach that accelerates the transition of advanced technologies from development into operational service.

About Aery Aviation
Aery Aviation, LLC is an aerospace engineering, aircraft modification, certification,

manufacturing, and flight operations company headquartered in Newport News, Virginia. Aery provides integrated aviation solutions supporting defense, government, commercial, and special mission operators worldwide. The company holds FAA Part 135 and Part 145 certificates, AS9100D and ISO 9001 certifications, and provides engineering, aircraft integration, manufacturing, certification, maintenance, and flight operations supporting advanced aerospace programs.

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