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FOR MORE INFORMATION:

Joe Wilson
(636) 745-3677
Joe.Wilson@avtask.com

MISSOURI-BASED AVION MANUFACTURING REACHES MAJOR ROTOR-BALANCING MILESTONE, ANNOUNCES NEXT-GEN TECHNOLOGY

WRIGHT CITY, Missouri, March 1, 2025 **Avion Manufacturing Inc. (Avion)**, a global leader in helicopter rotor blade balancing systems, has achieved a major milestone with the delivery of its 500th rotor balancing system. The company also announced the launch of its next-generation **Universal Static Balance Fixture (USBF-III)**, designed for improved efficiency, ease of use and enhanced durability.

Since 1992, Avion has provided industry-leading rotor balancing systems for military and commercial helicopters, originally focusing on the CH-47 Chinook series.

Today, Avion's **Universal Static Balance Fixture (USBF)** supports more than **30 different main rotor blade types**, while its **Virtual Master Blade (VMB)** balances over **15 types of tail rotors**.

With these decades of experience and innovation, Avion continues to enhance rotorcraft maintenance solutions for global military and commercial operators.

Avion's new **third-generation Universal Static Balance Fixture (USBF-III)** offers even greater **ease of operation, robustness and serviceability**.

Design features of the new **USBF-III** include:

- ✓ **A more intuitive interface** for faster, more efficient balancing.
- ✓ **Interchangeable components** to simplify maintenance and reduce downtime.
- ✓ **Enhanced durability** to withstand demanding operational environments.
- ✓ **Increased compatibility** with a wider range of rotor blades.

"The USBF-III is a game-changer in rotor balancing," states **Jarrold Bax, Engineering Manager for Avion**. "We've taken our proven technology and refined it to be even more user-friendly, adaptable and cost-effective. This evolution reinforces our commitment to keeping rotorcraft operational with minimal downtime and maximum efficiency."

Avion will **officially unveil the USBF-III at Verticon in Dallas, Texas (March 11-13 2025), and the Army Aviation Association of America's Mission Solutions Summit in Nashville, Tennessee (May 14-16 2025).** Attendees can visit **Booth 10535 at Verticon** to experience the new system firsthand.

Proven Performance and a Growing Global Presence

Avion's rotor balancing systems provide **unmatched reliability and efficiency**, reducing the need for dynamic balancing on aircraft and allowing blades to be replaced individually rather than as a set—saving operators significant time and costs.

Each Avion balance fixture arrives with a fully integrated system, including:

- **A precision-calibrated platform** with load cells.
- **A high-speed processing unit** with Avion's proprietary balancing software.
- **An intuitive touchscreen monitor** for seamless data input and analysis.
- **Built-in thermal printing** for real-time reporting.
- **On Site Setup and Training** as needed.

The system is **portable and robust**, requiring only a **single operator** and allowing a quick transition between different blade types in just minutes.

Streamlined Procurement with GSA Contract Approval

Acquiring Avion's industry-leading balancers is now easier than ever. In 2024, Avion secured a **General Services Administration (GSA) contract**, simplifying procurement for government agencies and military operators. Budgeting and acquisition processes become more efficient and accessible as a result.

A Commitment to Excellence and Customer Success

Global clients trust Avion's rotor balancing technology. The **U.S. Army** continues as Avion's largest customer along with military forces in **the Netherlands, UK, Turkey, Singapore, Korea, Taiwan, Australia, Oman and Colombia.**

Firefighting and emergency response operators and agencies, including **Billings Flying Service, Los Angeles County Fire Department and Columbia Helicopters** along with many other **commercial operators**, rely on Avion balancers to keep their helicopters mission-ready.

“As a **100% employee-owned** company, our team is dedicated to delivering **high-quality, reliable balancing solutions** that improve rotorcraft maintenance,” states Joe Wilson, company President and longtime aerospace engineer.

“We take pride in our exceptional customer service, rapid turnaround times and commitment to innovation.”

Visit Avion/AvTask at Booth 10535 during the upcoming Verticon in Dallas, Texas, March 11-13, 2025.

About Avion Manufacturing Inc.

Avion Manufacturing, Inc., a subsidiary of **AvTask Inc.**, develops and produces industry-leading rotor blade balance fixtures. Avion’s proprietary **Universal Static Balance Fixture (USBF)** and **Virtual Master Blade (VMB) Balance Fixture** are used worldwide. As a **100% employee-owned** company, AvTask has proudly served global military and commercial clients for over **30 years**.

For additional information, visit avionavtask.com

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