



RADS-NG

The next generation rotor track & balance solution from GE.



GE is upgrading our Rotor Analysis Diagnostic System / Aviation Vibration Analyzer (RADS/AVA) product line for Rotor Track and Balance (RT&B) operations.

Building upon a 30-year history of proven GE reliability, accuracy, and repeatability of measurement – our RADS product refresh is designed to provide supportable and sustainable operations for years to come.

What is RADS?

RADS/AVA is GE's portable vibration solution for vehicles where permanent installation is not practical or existing systems lack the ability to provide flexible solutions.

As the industry standard for RT&B and standard equipment for the U.S. Army and the UK MoD, approximately 5,000 RADS/AVA units have been supplied supporting civil and military rotorcraft worldwide.

The system is configurable with many types of aircraft like the Airbus H125 (Eurocopter AS350), Bell 412, Boeing CH-47, Sikorsky UH-60 Black Hawk, Leonardo AW139, and more than 200 other vehicle types and variants.

The system's versatility also offers fixed-wing vibration diagnostics for aircraft such as the Lockheed C-130 Hercules.

Compatible with All Existing RADS Applications

The refreshed solution consists of a new compact Data Acquisition Unit (DAU) and a powerful new user-friendly experience. The system utilizes the same sensor suite and interconnections as the original and is compatible with all existing RADS applications.

In addition, we retained the system's flexibility and adaptability so OEMs or trained customers can design vehicle configurations and procedures tailored to their own products and fleets.

Demonstrations Available

We are scheduling online demonstrations of the new system beginning April 2022 with deliveries anticipated in early 2023. For more information contact us at RADS.support@ge.com

New Features

- An intuitive graphical user interface. Our Windows-based application includes logical workflows and easy-to-understand displays to ensure the process is smooth and easily followed by operators, regardless of experience level
- Faster measurements and diagnostic calculation replays
- An enhanced diagnostic editor with powerful features allows users to propose adjustments and evaluate the predicted and actual effects with clear visuals on polar charts
- Improved dynamic measurement capability. More channels of vibration simultaneously measured provides a high degree of performance and measurement accuracy