



RMCI unveils their advanced HUMS for the EC-135

Aviation Public Safety Convention, New Orleans

July 29, 2021



RMCI, Inc. Booth 439 at APSCON

RMCI, a leader in rotorcraft science and technology with a background of HUMS support for more than 3,000 military helicopters, adds the Airbus EC-135 helicopter to its list of over 15 aircraft types equipped their own HUMS technology. This EC135 light twin engine aircraft was custom designed for tactical use by Mr. Greg Arnette, and will benefit from advanced health and usage monitoring system developed by RMCI, INC.

The Expandable Rotorcraft Diagnostic System, or XRDS™, provides comprehensive mechanical diagnostics of the drive train components, advanced maintenance functions such as rotor smoothing (RTB), shaft balancing and engine vibration checks; and flight data monitoring (FDM) for Flight Operations Quality Assurance (FOQA) and safety management system support (SMS). The XRDS is “expandable” to grow with new technology and additional capabilities to continue to improve aircraft safety, increase aircraft availability and reduce operations and sustainment costs well into the future.

The XRDS was installed by PAS in Peachtree City GA. Mr. Mark Tyler, general manager and vice president of PAS says “The XRDS is the most advanced HUMS that I have experienced—it is extremely light-weight and provides monitoring capability that is unmatched by any other system I’ve seen. PAS also supported the installation of the XRDS on other aircraft, including the MD530F which is at the MD booth here at APSCON” Mr. Greg Arnette, the owner and pilot of the EC-135 commented “I am confident that the XRDS and the RMCI team are leaders in HUMS technology. I have seen the system work on my aircraft, and it has provided accurate, timely information about my rotors and dynamic components that I would not otherwise know—and the instrumented video playback of my flight here to the APSCON is remarkable!”

RMCI is a service-disabled veteran owned company based in Huntsville, Alabama, and is the recipient of the 2019 Governor’s International Trade Excellence Award.

RMCI, Inc.

1525 Perimeter Pkwy, Suite 250

Huntsville, AL 35806

www.rmci-inc.com

Phone: 256.489.9068



RMCI, Inc.
1525 Perimeter Pkwy, Suite 250
Huntsville, AL 35806
www.rmci-inc.com
Phone: 256.489.9068