



The US State Department Awards Contract to RMCI, Inc. for the Expandable Rotorcraft Diagnostic System: XRDS™

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Huntsville, Alabama - The US Department of State awarded a competitive selection to RMCI, Inc. to acquire and install the latter's advanced technology for helicopter Health and Usage Monitoring Systems, or HUMS. The Expandable Rotorcraft Diagnostic System or XRDS™ is RMCI's next-generation HUMS. It is a locally developed leading edge technology that ensures a high quality of safety and improved aircraft availability. The use of RMCI's technology will enhance the ability of the State Department's fleet of aircraft to accomplish their mission with reduced costs and increased safety. The XRDS™ enables flight data monitoring for Flight Operations Quality Assurance, or FOQA; provides comprehensive mechanical diagnostics of the entire drive train of the aircraft; and supports maintenance functions such as engine vibration checks and rotor track and balance. RMCI's equipment accurately detects emerging problems well in advance in order to prevent mission interruption, collateral damage of components, and other possible incidents. The XRDS™ is currently installed on 14 different types of helicopters and fixed wing aircraft. RMCI is pleased to contribute to the State Department's mission of "advancing the interests of the American people, their safety and economic prosperity."

About RMCI, Inc.

RMCI is a leader in rotorcraft science and technology with a background of expert scientific support for rotors and dynamic components for more than 3,000 military helicopters. Providing comprehensive mechanical diagnostics of the entire drive train, advanced rotor smoothing and flight data monitoring, RMCI has developed the fully qualified and STC'd Expandable Rotorcraft Diagnostic System, or XRDS™. 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. The XRDS™ is similar to a "Black Box" but with the added ability to diagnose and predict emerging mechanical failures and structural anomalies, to help prevent incidents and reduce collateral damage. The XRDS™ has proven examples of early identification of emerging failures 100 flight hours prior to any other indication of failure: pinpointing truly faulty components while providing no false indications. The XRDS is extremely lightweight and is designed with powerful on-board real-time processing capability and powerful analytics and easy to use ground station software. It is also designed for growth and to incorporate future sensors and advanced technology --hence the name "Expandable".

More information about RMCI's experience, products, and services is available on the company's website at www.rmci-inc.com

About the State Department

The United States Department of State is driven by diplomacy and focuses on areas of international affairs including services such as arms and civilian security, economic and energy growth, and human rights. The Bureau of International Narcotics and Law Enforcement Affairs, Office of Aviation (INL/A) serves as aviation support for the State Department. INL/A administers more than 110 airplanes and helicopters operating in dangerous environments. For purposes related to counterterrorism, border security, law enforcement and embassy transportation, INL/A flies over 13,000 hours each year in South America, the Middle East, and South Central Asia.

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