



## NEWS RELEASE

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FOR IMMEDIATE RELEASE

### **AVX Aircraft Company Awarded Joint Multi-Role (JMR) Technology Demonstrator (TD) Phase 1 Technology Investment Agreement**

**FORT WORTH, TEXAS**, (October 10, 2013) – AVX Aircraft Company today announced that the Aviation and Missile Research, Development and Engineering Center (AMRDEC) of the U.S. Army has awarded AVX a Technology Investment Agreement to refine AVX’s objective aircraft design developed under a previous JMR contract and make preparations for building and flight-testing a coaxial compound helicopter technology demonstrator.

AVX Aircraft Company and its industry teammates have been designing and refining a unique Compound Coaxial Helicopter (CCH) since 2009 under the JMR Configuration Trades and Analysis (CTA) program. This new award allows AVX and teammates to continue with the CCH predesign, followed by a more detailed design, and the potential to build and test of a Technology Demonstrator aircraft that validates the critical technologies of the CCH configuration in order to meet the JMR performance criteria (speed, hover efficiency, and cruise efficiency) while providing the war fighter’s operational needs (troop transport, medevac, self-deployment, cargo, and ship board compatibility, etc.). An armed variant that has parts commonality with the transport replicates the transport performance including speed.

The AVX approach provides a highly effective solution to the JMR requirements including lower costs for development, acquisition, and O&S. The AVX JMR objective aircraft is shown in the artist’s concepts below.

The AVX JMR aircraft is designed for the U.S. war fighter. It features accommodations for 14 troops, a rear ramp and two side doors for rapid troop ingress and egress, cargo loading and three external cargo hooks. The AVX JMR objective aircraft is fully shipboard compatible and has a smaller footprint than legacy aircraft (UH60 and AH64)

Emerging results from JMR TD Phase I will be used to inform the Future Vertical Lift effort regarding promising vehicle configurations, the maturity of enabling technologies, obtainable performance capabilities, and will highlight the affordable technical solutions required to achieve those capabilities while reducing program risk. The AVX CCH TD is a 3/4 scale version of the JMR objective aircraft that duplicates the key technical features and performance capabilities of the AVX CCH configuration.

**About AVX:** Founded in 2005, and headquartered in Fort Worth, Texas, AVX Aircraft Company employs helicopter industry veterans and executives with a combined experience of over 400 years across a spectrum of skill sets. AVX has developed and has patented a unique compound helicopter configuration with coaxial rotors and dual ducted fans that combine proven technologies to achieve greater speed, range, payload and utility than conventional helicopters.