



## COMPANY FACT SHEET

### AVX Aircraft Company

Founded in 2005, **AVX Aircraft Company** is headquartered in Fort Worth, Texas. The Management Team, Engineering Team and Board of Directors, combined have extensive experience in aviation, business and engineering disciplines. AVX's aeronautical engineering team alone has over 400 years of collective experience in the rotorcraft industry, including senior level management experience at companies such as Bell Helicopter Textron.

**AVX Aircraft Company** brings a new approach to the rotorcraft industry:

- **Increased Performance** – **AVX Aircraft Company** has developed a unique compound helicopter configuration that combines proven technologies to achieve greater aerodynamic efficiency, speed, range, fuel efficiency, HOGÉ, utility and the ability to operate in higher altitudes and hotter temperatures than conventional helicopters. The key technical features of *AVX Technology* are counter rotating coaxial rotors and dual ducted propulsion fans.
- **Cost Competitiveness** – *AVX Technology* not only vastly improves performance of existing helicopters when modified, but does so at a significantly lower cost for both installation of components and in fuel savings during operation. When existing helicopters are modified with *AVX Technology*, it reduces fuel consumption anywhere from 20% to 30% depending on operating parameters.
- **Lower Risk** – *AVX Technology* performance upgrade components are based on proven technologies designed by highly experienced engineers in a process managed by experienced aerospace executives. Modifying existing fleets of helicopters with *AVX Technology* is the lowest risk and lowest cost solution to achieving increased performance at a low cost.

**AVX Aircraft Company** is developing a high performance, next-generation family of helicopters that incorporates leap-ahead rotorcraft technology. Utilizing coaxial, counter rotating rotors, and rear, laterally displaced ducted fans, AVX uses a unique and cost effective horizontally integrated manufacturing and assembly strategy working with vendors such as Aurora Flight Sciences, Eagle Aviation Technologies, Rotating Composites, Continuum Dynamics, and Advanced Technologies. This approach enables AVX to control costs from a pricing, manufacturing and development standpoint. AVX filed provisional patents in 2007 and 2008. Design patents were granted in May 2009. Utility patents are pending and additional patents are being filed.

In addition to a proposed modification for the U.S. Army OH-58D, **AVX Aircraft Company** is one of four companies under contract with the U.S. Army to conduct CTA studies on the development of the future Joint Multirole (JMR) helicopter. Additionally, **AVX Aircraft Company** has developed several designs for commercial use as well as personal use. *AVX Technology* is extremely flexible and can be applied to almost any helicopter increasing performance, safety and at the lowest cost.