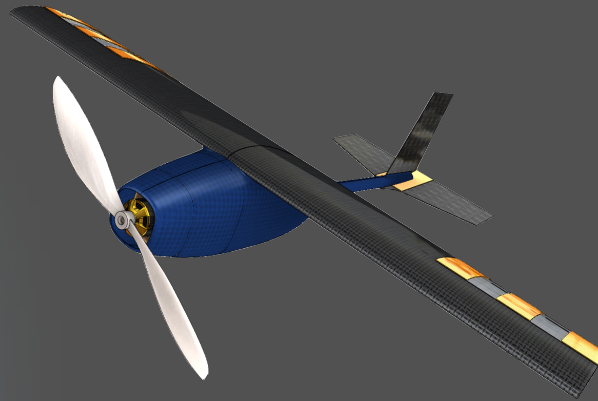


AVID LLC (Air Vehicle Integrated Design), an industry-leading aerospace engineering and software development firm, excels at engineering multidisciplinary aircraft design and analyses. AVID is in the business of developing professional-grade, world-class novel aerodynamic concepts and aircraft designs, as well as creating standards-based, platform-independent, aircraft design and optimization software.



*Better Geometry  
Better Models  
Great Designs*

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## ***Products and Technology***

Solution. Based. Engineering.

### **Micro Air Vehicles**

AVID provides engineered, physics-based UAV platforms which have endless applications for dull, dangerous and dirty jobs, while reducing customer operating costs.

### **Actuation Appliance**

AVID's piezoelectric controller increases reliability, while decreasing UAS life-cycle cost by eliminating the need for servos, keeping the vehicle in the fight longer. The controller increases the operational envelope by placing control surfaces in places conventional servos cannot go.

### **Ducted-Fan**

Ducted fan UAVs with vertical takeoff and landing provide many advantages to their equivalent fixed- and open-wing counterparts. When it comes to safety, payload, and scalability, the ducted fan UAV is incomparable

## ***Software***

Engineer. Modernize. Optimize.

The engineered air vehicle design process requires professional-grade software tools that can assist the user in synthesizing and optimizing the various components of an aircraft. AVID's tools integrate multidisciplinary analyses to develop an optimum solution for a set of requirements. Our geometry centered analysis enables good fidelity at reasonable effort to get answers in the design team's hands as fast as possible.

AVID's Software Suite can help you with all design decisions and more.

*You save on production costs as AVID tools predict how variables will affect your overall design.*



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## ***Services***

Engineered. Experience.

AVID combines engineering and software development to advance conceptual and preliminary design methodologies for all types of air vehicles.

### **Over 100 man years expertise:**

- **Aerodynamics**
- **Air Vehicle Analysis**
- **CFD Capabilities**
- **Controls**
- **Modeling and Simulation**
- **Propeller Designs**
- **Vehicle Design Optimization**
- **Wind Tunnels**

AVID has developed a reputation for data visualization. The result of successfully combining software development and engineering expertise has augmented our capabilities with great value to our customer community.