

DARcorporation News

October 2017

Featured Service

[Aircraft Design and Analysis](#)

DARcorporation can design to LSA, U.S. Experimental Category, U.S. FAR 23, FAR 25, U.S. MIL SPEC requirements. Our projects include single and multi-engine propeller and jet powered aircraft; business jets, Very Light Jets (VLJ), Kit, LSA and Experimental Category aircraft, Vertical Take-Off and Landing (VTOL) combat force insertion vehicles, VTOL aircraft, Unmanned Aerial Vehicles (UAVs) for civil and military applications and hybrid air/ground vehicles.

Starting with a careful review of objectives and existing data, we offer an assessment that includes cost and timeline projection for the consulting project. Your conceptual sketches and specifications will aid our engineers in producing a complete design. Or, if you need a review of an existing design, we will analyze your design and provide a documented projection of performance, cost of your aircraft and perform a detailed comparative analysis of your competitor's product, including strengths and weaknesses.

Our years of experience, coupled with a "trial and error" approach in airplane designs on our computers, ensures elimination of major mistakes on the production floor or in flight testing. Our disciplined approach to designing, analyzing, building and testing aircraft will ensure a successful product.

The DARcorporation Advantage

Experience in the design, detailed analysis and building of prototypes gives DARcorporation a unique advantage over other companies, since we can go from initial design all the way through full size prototype manufacturing. We will work with you to design and optimize your aircraft for performance, manufacturability and cost. Let us know how we can support your projects!

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Upcoming Webinars and Short Courses:



History of Airplane Design Live Webinar

November 8, 2017, 11:00 a.m. - 12:00 p.m. CT US

Instructor: [Dr. Jan Roskam](#)

Description: An overview of the contributions of five of Germany's major airplane companies to military and civil aviation before, during and after World War II. Click [here](#) for more details.

[Register](#)



Airplane Flight Dynamics Short Course

November 13-17, 2017 - Orlando, Florida

Instructor: [Dr. Willem Anemaat](#)

Description: An overview of airplane static and dynamic stability and control theory and applications, classical control theory and applications to control systems. Click [here](#) for more details.

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