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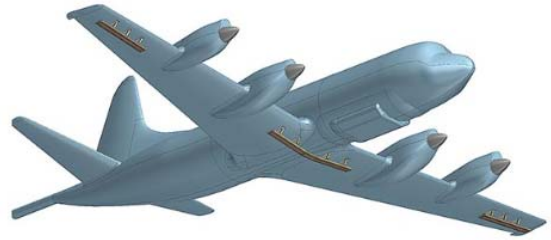
# DARcorporation News

August 2019

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DARcorporation has been offering aeronautical engineering consulting services, software and books since 1991. We have engineers, clients, customers and associates from all around the world connected through our base in Lawrence, KS. Recently, the Lawrence Chamber of Commerce put together a video spotlight on DARcorporation.

[Click Here](#) for a quick look at who we are and what we do.



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## Featured Service Engine & Motor Testing

DARcorporation engineers design and build test stands to support the analysis of electric motors, gas turbine and piston engines. Our strict methodology includes creating a customized testing schedule based on the objectives of each project. A test rig is designed accordingly and assembled with high-fidelity sensors and gauges set to varying parameters. Measurement capabilities include torque, RPM, fuel flow rates, temperature at multiple engine locations, ESC output waveforms, shaft horsepower, sound pressure level and more. This wide range of capabilities is particularly beneficial to ducted fan testing where torque is difficult to measure.

DARcorporation engineers analyze all aspects of the data to provide insights into the design and determine qualifications for specific applications. The findings are assembled into a technical report for our clients.

[Contact Us](#) to discuss the advantages of engine & motor testing for your project.



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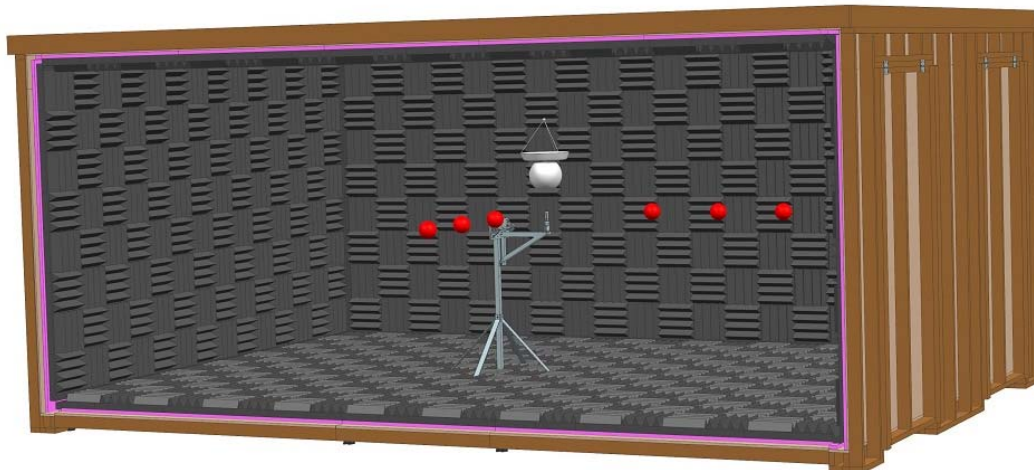
**Coming Soon: New Anechoic Chamber**



DARcorporation has never been short on vision and we have a number of projects in the works which will extend the depth of services we offer by continuing to expand our state of the art testing laboratories. A portion of our newly acquired second-story lab space (pictured above) will soon hold an Anechoic Chamber (pictured below). Designed by DARcorporation engineers, this chamber is equipped with excellent acoustic attenuation and ultra-sensitive microphones. Multiple calibration spheres and optional force measurements create the optimal space for testing larger articles. [Contact Us](#) for more information on this and other testing options available for your project.

Stay tuned for more expansion news including:

- A new in-house VTOL Drone flight testing facility
- Motor qualification and testing facilities
- Propeller and ducted fan test facilities



DARcorporation Anechoic Chamber design featuring testing stand, omnidirectional speaker and calibration spheres.



## Highlights from EAA AirVenture - Oshkosh 2019

EAA AirVenture Oshkosh is the place to be! It is the largest gathering of aviation enthusiasts in the world!

DARcorporation has been exhibiting at Oshkosh since 1997 and we have made some fantastic friends along the way. AirVenture is an opportunity to talk with folks about how they are using our software for their aircraft design. It is an opportunity to show off our own design work with samples from our 3D printer, as well as our designs which have been manufactured by clients. It is an opportunity to talk about case-specific applications of our testing capabilities. Most of all, it is an opportunity to connect and collaborate with fellow aerospace aficionados from around the world!

Visit our [Facebook Page](#) for more photos from Oshkosh and other upcoming events.



**Webinar:**  
**History of Airplane Design:**  
**Grumman, Fokker and North American**  
September 18, 2018  
11:00 AM - 12:00 PM CDT US

**Instructor:** [Dr. Jan Roskam](#)

**Description:** Dr. Jan Roskam continues the informative History of Airplane Design webinar series, focusing on specific companies and their contributions to the commercial, military and transport aircraft industries. Companies include Grumman, Fokker and North American.

[Register](#)



**Short Course:**  
**Flight Dynamics**  
September 16-20, 2019  
San Diego Marriott  
Mission Valley  
8:00 AM - 4:00 PM PDT US

**Instructor:** [Dr. Willem Anemaat](#)

**Description:** This course provides an overview of airplane static and dynamic stability and control theory and applications, as well as classical control theory and applications to airplane control systems. [Click here](#) for course highlights and participant reviews.

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