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# DARcorporation News

July 2019

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## Expanding Our Testing Lab with New Motor Characterization Stand!

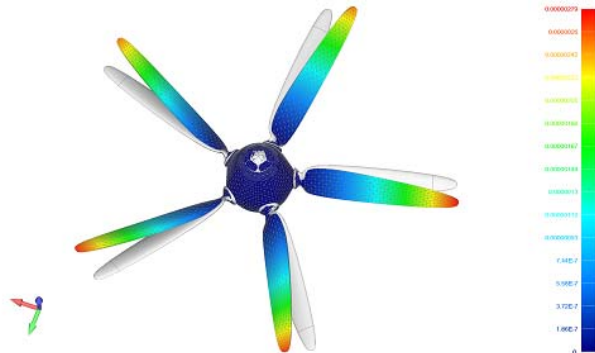


DARcorporation has completed the construction of a new Motor Characterization Stand. The newest addition to our state of the art testing lab, this unit will allow us to independently characterize a variety of electric motors for performance and efficiency. This testing capability will allow for matching of the motors to loading/mission requirements of ducted fans and propellers for integration into UAVs. [Contact us](#) for more information on our testing capabilities and facilities.

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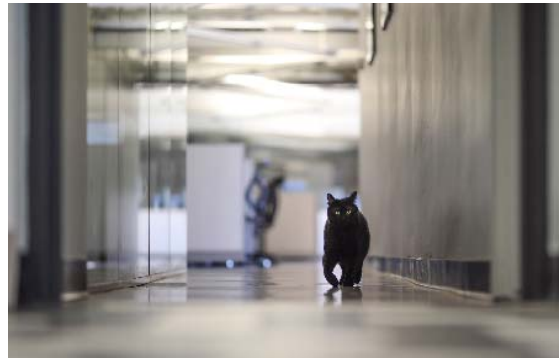
## In the Press

Dr. Wanbo Liu featured in  
Unmanned Systems Technology Magazine



Our Chief Engineer, Dr. Wanbo Liu, consulted for the feature article in the June/July issue of [Unmanned Systems Technology Magazine](#). The article focuses on innovations in propeller design, testing and manufacturing. DARcorporation utilizes a combination of cutting edge aerodynamic analysis tools, in-house testing facilities, 3D printing and advanced analysis tools to determine effectiveness from every facet of propeller design including performance, efficiency and acoustics. Download our [Propeller Brochure](#) for more

DARth Vader featured in  
Lawrence Magazine



The Summer edition of Lawrence Magazine features select office pets of Lawrence, Kansas. Shining bright among the pages is our very own DARth Vader! Check out [page 62](#) for a glimpse of life with a one-in-a million cat and follow [DARth on Facebook](#) for more pictures and videos.

## Legendary Designer to be Honored at AirVenture 2019



Renowned aerospace engineer and aircraft designer Burt Rutan will be honored at [EAA AirVenture Oshkosh 2019](#) this July with a number of presentations and Rutan-designed airplanes on display. Among Mr. Rutan award winning designs is the [SkiGull](#), an ultra-efficient, long-range seaplane capable of landing on asphalt, grass, snow or water. The primary CAD software for designing the SkiGull was [SharkCAD](#). Burt recently upgraded to the newest release of [SharkCAD Pro-AP Version 11.0](#).

## 2019 AIAA Aircraft Design Award



Robert Parks, retired technical fellow of The Boeing Company from San Jose, California, was presented with the 2019 AIAA Aircraft Design Award for a lifetime of novel and innovative aircraft designs including the Odysseus, the NeXt and multiple air vehicle prototypes. Bob has used [SharkCAD Pro-AP](#) throughout his career, including the newest release [Version 11.0](#).

Click [here](#) for a full list of our software products or [contact us](#) to discuss the best software solution for your project

## Upcoming Events



New Webinar  
History of Airplane Design  
Wednesday, July 10, 2019  
11:00 AM - 12:00 PM CT US  
Instructor: [Dr. Jan Roskam](#)

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. The July session will focus on Lockheed and Martin. This is a free webinar and is presented live and will not be available after the webinar.

[Register](#)



July 22-28, 2019  
Wittman Regional Airport  
Oshkosh, Wisconsin  
Booth [#3159](#)

We will be manning a booth at EAA AirVenture 2019 this summer! Grab some shade in Hangar C and come see us at booth [#3159](#), straight inside the hangar door on the right side!



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](#)

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.

[Register](#)