



**DARcorporation** (Design Analysis and Research Corporation) was founded in 1991, by Drs. Jan Roskam and Willem Anemaat. Today we are a world-class aeronautical engineering company, specializing in aircraft design and analysis consulting services, software development, wind tunnel and water tunnel testing and wind energy.

Our primary objective has never changed through the years: We want to help you design and build safe and predictable airplanes.

We recently expanded our facilities to include prototyping and manufacturing for aircraft and wind energy devices.

Contact Dr. Willem Anemaat ([anemaat@darcorp.com](mailto:anemaat@darcorp.com)) to enquire how DARcorporation can take your ideas from concept to production-ready reality.

### DARcorporation Goes Green!

DAR engineers are not only airplane designers. We are also very proficient in the aerodynamic and structural design of wind mills (wind turbines).



Our highly skilled and educated aeronautical engineers have extensive knowledge and expertise in the design, testing and analysis of many wind energy devices, including horizontal axis wind turbines and vertical axis windmills.

Please visit our website or contact DARcorporation for additional information.

### Wind Tunnel Testing & Analysis



As part of our airplane design and analysis consulting services, We perform wind tunnel testing, analysis & project management. Our technical team of highly skilled and qualified

aeronautical engineers and production personnel are capable of testing and analyzing models in subsonic and transonic flow regimes.



We can test models ranging from 6 inches to 6 feet, using an in-house test stand fully integrated with state of the art data acquisition systems and data collection capabilities in all six degrees of freedom. This is primarily used in rotorcraft equipment testing like propellers and windmills.

Please visit our website or contact DARcorporation for additional information.

### Advanced Aircraft Analysis (AAA)

The current version of AAA is 3.12. If you have AAA maintenance you can upgrade (AAA 3.1 or greater) by doing the following: Start AAA. Go to the Help menu and select "Check for Updates". Click the link provided to download the upgrade.

Please contact MaryJo Anemaat ([maryjo@darcorp.com](mailto:maryjo@darcorp.com)) for upgrade pricing if you do not have maintenance.

#### AAA TRIVIA:

Advanced Aircraft Analysis (AAA) has been under development for more than 20 years, at a cost of over 60,000 man hours and more than three million dollars. AAA has:

- 277,464 lines of code
- 4,501 unique parameters
- 9,850 variables on all windows
- 2,845 output parameters
- 561 different series of calculations
- 498 different I/O windows
- 120 different plots
- 95 different tables

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