



## Wind & Water Tunnel Testing

As part of our aeronautical design and analysis consulting services, DARcorporation performs wind tunnel and water tunnel testing, analysis and management. We have extensive experience with many types and sizes of wind & water tunnel testing programs and have access to the experimental facilities at The University of Kansas, Wichita State University and The University of Washington. Our team of highly skilled



aeronautical engineers can test and analyze models in subsonic and transonic flow regimes. We can conduct flow visualization tests on models and provide qualitative assessments. We will also analyze stability & control and drag data derived from wind tunnel tests. We can test models ranging from 6 inches to 6 feet, using in-house test stands fully integrated with cutting-edge data acquisition systems to collect data in all six degrees of freedom. DARcorporation will plan and manage all aspects of modeling, testing and data analysis. We will provide the perfect liaison with wind tunnel model manufacturing companies and perform model accuracy inspection.

### 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 manufacturing. The unique tools we developed for design and analysis make DARcorporation the best choice for any new or existing aeronautical project. DARcorporation engineers can advise on what the best materials are for your design and what the best configuration is. We will work with you to design and optimize your aircraft for performance, manufacturability and cost.