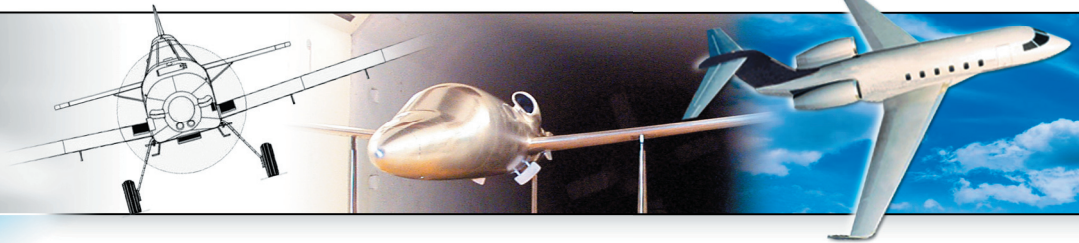


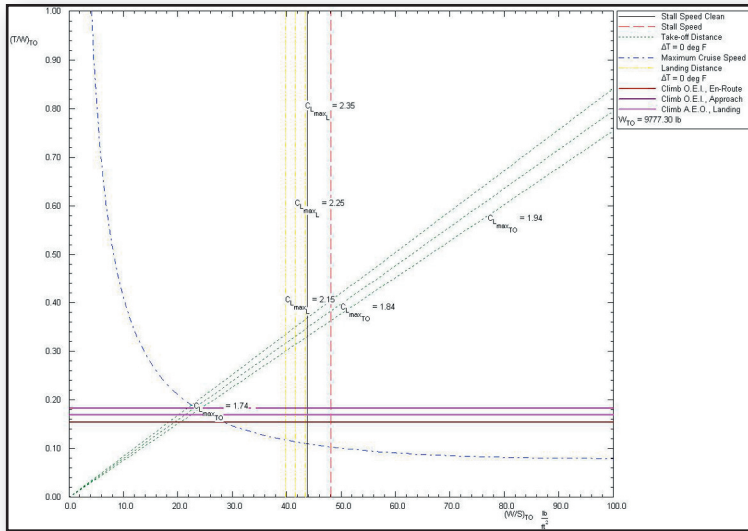
Advanced AIRCRAFT ANALYSIS



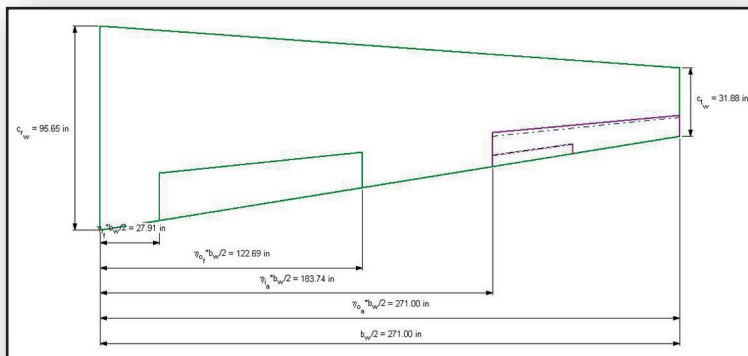
SOFTWARE TRAINING:

AAA is a powerful engineering tool that is easy to learn, but new users will find our software training program beneficial to quickly acquaint themselves with the software features and individual modules.

The training is structured to both the new and experienced users of AAA, to learn software shortcuts and how to fully utilize the extensive Help system.



The AAA Software Training is offered at DARcorporation, at individual companies and online. Each class is personalized to the student's specific needs and allows direct interaction with the instructor while being taken through the program's layout, organization and advanced features. The theory behind the calculations are presented, and the help system is explained in detail. Please visit our website or contact DARcorporation for additional information.



Advanced Aircraft Analysis consists of 10 modules

Each module is designed to perform tasks which need to be completed to evaluate the characteristics of a given aircraft at each stage of the preliminary design.

Weight

- Weight Sizing
- Class I Weight
- Class II Weight
- Component Center of Gravity

Aerodynamics

- Lift
- Drag
- Moment
- Aerodynamic Center
- Power Effects
- Ground Effects
- Dynamic Pressure Ratio

Performance

- Performance Sizing
- Performance Analysis

Dynamics

- Dynamics
- Control

Structures

- Class I Sizing
- Materials

Stability & Control

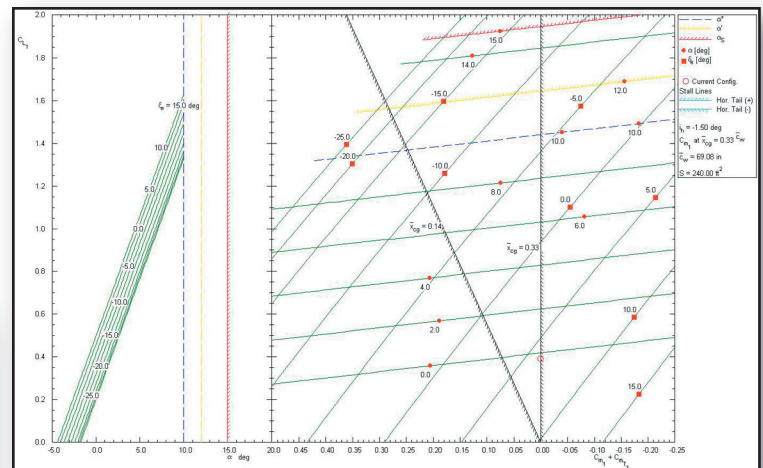
- Stability & Control Derivatives
- Hingement Derivatives
- Stability & Control/Empennage Sizing Analysis

Loads

- V-n Diagram
- Structural Loads

Geometry

- Propulsion
- Cost Analysis



- Minimum System Requirements
- Processor: Pentium 4
 - Operating System: Windows 2000 / XP
 - RAM: 32 MB
 - Hard Disk: 70 MB Free Space
 - Screen Resolution: 1024 x 768