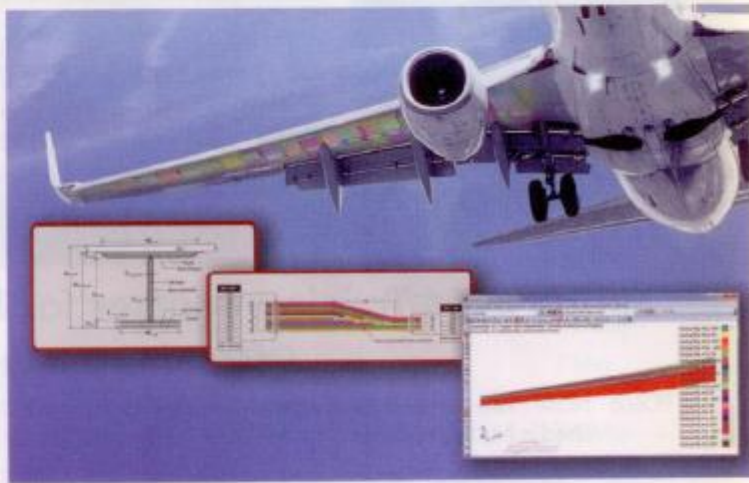


COMPOSITE ANALYSIS

COLLIER RESEARCH CORP., HAMPTON, VA..

HYPERSIZER VERSION 6.4.5 COMPOSITE STRUCTURAL ANALYSIS AND optimization software now requires less user input than previous versions for optimization of composite components or parts, according to the company. The user inputs load magnitude and the tool is able to automatically configure a preview of optimization parameters. For those in the wind industry, weight versus cost optimization has been added so that engineers can include the effects of material choices on tools, labor, and facilities, when looking at the tradeoffs between carbon fiber and fiberglass. In this version, runs are speeded by 200 to 400 percent. Optional quick sizing and variable tuning capabilities are up to 1,000 times faster, the developer says.



The HyperSizer software is used to analyze the structures of composite designs. The latest version speeds run times and includes updates specific to the wind industry. Image: Collier Research Corp.