



## PRESS RELEASE

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FOR IMMEDIATE RELEASE

### **HyperSizer v. 5.3 Released with Orthogrid Stiffened Panel Analysis and Stress Reporting Capabilities**

Newport News, Virginia – In June of 2008, *Collier Research Corp* released **HyperSizer version 5.3** of the well known structural sizing and optimization software. This new version includes improved orthogrid stiffened panel concept analysis, automatically generated stress reports and several improvements and updates.

**HyperSizer v5.3** features these new capabilities and updates:

- **Analyze orthogrid stiffened panels** used in such industry projects as the NASA Crew Launch Vehicle (CLV) large hydrogen tank, and the NASA Orion Crew Module.
- **Generate automated stress reports** for projects, components and assemblies including figures, equations, sample calculations and summary margin-of-safety tables.
  - Stress reports are automatically generated in a user's existing Microsoft Word 2002-2007 program and can be easily customized and distributed. More information and a sample stress report can be found at <http://www.stressreports.com>
- **Centrally set database default values** for all analysis methods, independent of any particular project.
- **Apply values** for any component-based data (e.g., load factors, buckling knockdowns, failure methods, etc.) from the current component to all components in a group, an assembly, a project or multiple projects.

(pg2/HyperSizer/Collier)

The new version update of HyperSizer can be downloaded from <http://www.hypersizer.com>, or by contacting Collier Research Corp at info@hypersizer.com. Existing customers with support licenses receive free updates.

**HyperSizer** is a composite material analysis software program used by aerospace industry leaders such as Boeing, Lockheed Martin and NASA to perform composite and laminate analysis and weight optimization.

*About the Company:*

**Collier Research Corporation** has provided methods research and software development to NASA and the aerospace industry since 1995. As the first company to license computer software from NASA Langley as part of the agency's effort to transfer technology to U.S. businesses, Collier Research Corp. strives to create engineering software that is robust, well supported, verified, intuitive, graphical, and highly productive for industry engineers.

For more information, visit <http://www.hypersizer.com> or contact:

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