

# HyperSizer v. 5.2 Released with NEW Orthogrid Stiffened Panel Analysis and Stress Reporting Capabilities



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Industry: [Aerospace](#)

**Press Release Summary:** Collier Research Corp released HyperSizer version 5.2.17 structural sizing software that includes improved orthogrid stiffened panel concept analysis, automated stress reports and several improvements and updates.



Press Release Body: Hampton, Virginia – On March 17, 2008, **Collier Research Corp** released **HyperSizer version 5.2.17** structural sizing software that includes improved orthogrid stiffened panel concept analysis, automated stress reports and several improvements and updates.

**HyperSizer v5.2.17** 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.

- o 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.

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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