

CSI ENGINEERING MECHANICS INC.

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Keywords: Consulting engineering, structural analysis, airworthiness approval. Consulting. Approvals. (Aircraft Conversions, Structures, Services: Civil/General Aviation/Helicopters).

History: Founded in 1984.

Capability/Products: To provide high technology consulting services Finite element stress and dynamic analysis of structural systems, fluid flow and heat transfer, non linear analysis plastic buckling and plastic analysis. Design of equipment and systems where the application of computer aided engineering is an important factor.

CSI assists smaller manufacturing companies in cooperation with the National Research Council to improve their products and expertise through technology transfer and training.

Experience: Airworthiness approval of pressurized aircraft and damage tolerance certified aircraft modifications. Only source in Canada for vibration fixture design and supply.

Current Market Activity: General mailing of newsletters, responding to the DSS bid opportunity system.

Rank Export Countries: USA

Market Strategy: Design of test equipment, analysis for weight reduction of road transport equipment.

Stress analysis for structural failure problems.

Plant Size: 3500 square foot offices.

Average Work Force: 10 engineers, designers.

Gross Sales: \$1 Million

Export Sales: \$50,000

Ratio Commercial/Defence Exports: 100% Commercial

Qualifications: FAA, MOT

Date: July 31, 1992