



### **Third Wave Systems Awarded National Science Foundation Phase II Grant**

Minneapolis, MN--- Third Wave Systems, Inc. has been awarded a National Science Foundation (NSF) Small Business Innovative Research (SBIR) Phase II grant for the project entitled “Residual Stress and Part Distortion Prediction in Machined Workpiece Surfaces.” The \$500,000 award will further develop and utilize Third Wave *AdvantEdge*™ technology to develop and verify residual stress modeling and analysis capabilities as applied to machining processes. In addition, new parameters will be demonstrated and verified on aircraft and automotive components and verified residual stress modeling results will be related to part distortion, surface integrity and other identified characteristics.

“This technology will help automotive and aircraft companies reduce costs in their assembly operations and improve quality in fatigue sensitive applications” remarked Kerry Marusich, President of Third Wave Systems.

Founded in 1993, Third Wave Systems provides machining modeling software and services used by Fortune 500 aerospace and automotive companies to dramatically reduce costs in product design and manufacturing. Headquartered in Minneapolis, Minnesota, Third Wave Systems also has offices in Detroit, Michigan and major distribution in Japan and Europe.

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