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Third Wave Systems, Inc. Receives SBIR Grant for Residual Stress and Part Distortion Prediction

Minneapolis, MN---Third Wave Systems announces the receipt of a Small Business Innovative Research (SBIR) Phase II(b) Program grant from the National Science Foundation. The Enhancement Award is a direct extension of the NSF Phase II SBIR project entitled, *Residual Stress and Part Distortion Prediction in Machined Workpiece Surfaces*, which for the past two years has successfully developed and applied Third Wave *AdvantEdge*[™] technologies to the improvement of process design, improvement of part quality, and reduction of production costs for aerospace and automotive components.

“This grant validates our work in part distortion prediction. Derivative products will give engineers in both automotive and aircraft industries the ability improve quality and reduce time to market,” said Kerry Marusich, President of Third Wave Systems.

Phase II(b) efforts will focus on further development and increased robustness of the current modeling technology, as well as direct application of the technology actual production parts. The goal of the effort is to implement these capabilities in part and process design, across both defense and commercial industries.

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, MN, Third Wave also has offices in Detroit, MI, with major distribution in Japan and Europe.

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