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## **Air Force Program Manufactures F135 Component 2.4 Times Faster**

**MINNEAPOLIS, MINN.** (3 February 2010) – Third Wave Systems (TWS) has manufactured an F135 engine component 2.4 times faster than the baseline standard using its physics-based process optimization software. The machining demonstration was conducted as part of TWS’ Small Business Innovation Research (SBIR) Phase III program supported by the U.S. Air Force and the U.S. Naval Air Systems Command.

“Perhaps the most exciting aspect of this activity is that we haven’t maxed out the software’s potential,” said Kerry Marusich, Third Wave Systems President. “Once this technology is fully adopted by Department of Defense manufacturers and their suppliers, users can optimize every component in the F135 and F136 programs – drastically reducing delivery risk and improving affordability.”

Third Wave Systems’ software is already being used by numerous V-22 and F-35 airframe suppliers, as well as commercial airframe and engine manufacturers and their supply chains. Application to the entire JSF program will help ensure timely delivery of products to the Department of Defense while saving companies – and the American taxpayer – hundreds of millions of dollars.

**About Third Wave Systems** Third Wave Systems provides physics-based machining modeling software and services used by Fortune 500 aerospace, automotive, and cutting tool companies to optimize machining processes. Headquartered in Minneapolis, Minnesota, Third Wave Systems also has offices in Detroit, Michigan and Rotherham, UK. International distributors are located in Europe and Asia.

### **ACKNOWLEDGEMENT OF SUPPORT AND DISCLAIMER (MAY 1995)**

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