



FOR IMMEDIATE RELEASE

**Axiom's New Approach to Turbine Engine Core Straight-build
Delivers Annual Fuel Savings up to \$1.0 Million per Widebody**

Gloucester, MA March 11, 2013 -- Axiom, Inc – www.axiam.com – provider of repeatable, integrated engine core assembly processes for turbine engine models, announces a new approach to fuel consumption savings, delivering 2% on average.

According to Donald Lohin, Axiom President, “What does a 2% fuel savings look like for narrowbody or widebody aircraft? A narrowbody can expect to save about \$200,000 annually, on average. A widebody would save about \$1.0 million per year, on average.”

Mr. Lohin added, “An engine built with Axiom’s optimal, straight-build engine core assembly processes runs more efficiently than an engine built with an OEM assembly process; typically yielding performance improvements of 2% in Specific Fuel Costs, 30% in EGT Margin, and 60% in Vibration. These improvements are based on Test Cell data compared to a pre-Axiom baseline. Since the straight builds are about the actual centerline of rotation, EGT Margin deterioration is negligible and Wing Time is typically improved by 10%.”

“Immediate benefits to the airline are improved engine performance, improved engine quality and reliability, significant fuel cost savings, maintenance cost reduction, CO2 reduction, and a competitive advantage. Axiom makes the capital investment. The airline pays Axiom on a percentage-of-fuel-savings basis,” he continued.

“Engine Shops utilizing this approach realize improved engine quality and performance while reducing shop costs. Total assembly time is reduced by about 60%, on average, as optimal builds are produced for each set of parts always on the first pass. Engine shops can now control assembly process variables and achieve predictability and reliability, paying off in more satisfied airline customers,” Mr. Lohin concluded.

Axiom's new assembly process at-a-glance

Axiom’s repeatable assembly processes include proprietary software, tooling, assembly procedures and high-accuracy inspection for the engine core components: rotors, shafts, bearings, seals, casings and blades. Processes are installed at the airline’s engine shop of choice, shop personnel are trained, and Axiom provides continuing engine core assembly engineering support to ensure peak performance.

About Axiom, Inc.

Axiom specializes in repeatable, integrated engine core assembly processes for any turbine engine model. The company designs and manufactures software, tooling and assembly procedures for a wide range of aero and industrial turbine engines. Axiom works closely with customers during assembly process development and continues support in resolving shop assembly issues under the Technical; Service & Engineering (TSES) program. Headquarters is at 58 Blackburn Center, Gloucester, MA 01930. Telephone 978-2812-3550; fax 978-281-1955, or at www.axiam.com.

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