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**Contact:**

Dr. Susan Cunningham  
Director, Marketing and Business Development  
Florida Turbine Technologies, Inc.  
1701 Military Trail Suite 110  
Jupiter, Florida 33458-7887  
561-427-6331 or [scunningham@fttinc.com](mailto:scunningham@fttinc.com)

**WORLD'S MOST EFFICIENT SMALL TURBINE ENGINE**

JUPITER, FLORIDA, April 18, 2008. Florida Turbine Technologies, Inc. (FTT) this week made history in the turbine engine industry by successfully demonstrating their high efficiency turbofan engine (the "FTA37F"). The engine will allow soldiers better protection in the battlefield by giving them options of increased range or greater payload when sending out surveillance vehicles and weapons. The engine exceeded thrust goals at extremely low fuel consumption levels not achieved by other manufacturers of small turbine engines. The fuel consumption measured during engine tests completed this week is 35% less than the state-of-the-art turbine engine in its size range.

The FTA37F relies on innovative technologies developed by FTT under a \$7.5 million contract to build advanced high efficiency turbine engines for the US Army. FTT designed and tested the engines in its Jupiter, FL facilities.

The FTA37F is designed using two concentric shafts, while other small turbine engine designs are based on only one shaft. The two-shaft configuration allows the engine to perform with extreme fuel efficiency and better performance operability. In order to obtain these benefits, FTT overcame several previously unconquered design challenges associated with the engine's small size. The second shaft (the low rotor) enables the incorporation of a fan rotor at the front of the engine to give the engine a "bypass" stream which helps to increase thrust without increasing fuel burn. The presence of the fan, the low rotor, and the bypass stream make the engine a true turbofan, like the large jet engines powering today's commercial airplanes.



*FTT's small turbofan, FTA37F, fits in the palm of your hand but is designed to power small unmanned air vehicles over long ranges.*

**About FTT**

Florida Turbine Technologies, Inc. (<http://www.fttinc.com>) is a high-technology small business specializing in design, development, manufacture, and test of components and systems for aircraft engines, space propulsion, and industrial gas turbines.

Florida Turbine Technologies, Inc. was established in 1998, operates two engineering and test facilities in Jupiter, employs 180, and is dedicated to preserving high technology jobs and gas turbine engineering excellence in Palm Beach County, Florida. In 2006, FTT was honored by Governor Jeb Bush at the Governor's Business Diversification Awards by receiving the Business Expansion Award in the Mega Market category (county population greater than 750,000). FTT was chosen "based on its demonstrated ingenuity, civic leadership, and significant contribution to strengthening and diversifying Florida's economy."