

**PRODUCTS**

*UTC's products convert energy into useful work, so we are passionate about reducing our products' energy use and developing innovative, energy efficient technologies that help reduce our customers' environmental footprints.*

**Pratt & Whitney PurePower PW1000G engine with Geared Turbofan technology boosts environmental performance**

For over 20 years, Pratt & Whitney has been developing new airplane engine technology that offers significant improvements in performance, fuel efficiency, noise levels and operating costs. In 2008, we introduced the PurePower engine family, which includes the PW1000G engine with Geared Turbofan technology.

Compared with today's regional jets and single-aisle aircraft, the PW1000G engine is expected to deliver double-digit improvements in fuel consumption and 55% reduction in nitrogen oxide emissions.

The engine's large, slower moving fan produces half the noise of today's engines. And maintenance costs are lower too because the engine has fewer airfoils than current models and was designed with service in mind.

The PW1000G began flight testing in 2008 after successful ground tests met and exceeded pretest predictions on both the Boeing 747SP flying test bed in New York and on flight tests held in France and Spain conducted jointly with Airbus on an A340-600 plane.

Mitsubishi Aircraft Corporation and Bombardier each have named the PW1000G as the sole propulsion system, respectively for the Mitsubishi Regional Jet and Bombardier CSeries™ mainline aircraft. Both airplanes are scheduled to enter service in 2013.