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PurePower®

PW1000G Engine News

This Changes Everything.™

PurePower® PW1000G Engine Selected to Power Irkut's MC-21 Aircraft

PurePower PW1000G engine secures its third airframe application!



Happy Holidays!

Pratt & Whitney
Wishes you and yours a
Healthy and Happy Holiday
Season!

www.pw.utc.com

Russia's Irkut Corporation has selected the Pratt & Whitney PurePower® PW1000G engine to power the Irkut MC-21 aircraft. The selection represents the third airframe application win for the PurePower engine. "We believe the PurePower engine with its Geared Turbofan technology offers the best benefits possible to Irkut's potential customers and provides a decisive advantage in making the aircraft competitive in the global marketplace," said David Hess, president, Pratt & Whitney.

The Irkut MC-21 is a family of 150 to 210 passenger aircraft with first flight planned for 2014 and entry into service in 2016. The MC-21 program will allow Pratt & Whitney an opportunity to extend its PW1000G engine models to the 30,000 pound thrust class. In addition, Pratt & Whitney will contract with Irkut and with Russia's United Engine-Building Corporation (UEC) on the PW1000G engine for the MC-21 application.

PurePower® PW1000G Engine Winner of *Popular Science Magazine's "Best of What's New Award"*

Selected as Top Aviation Technology for 2009



Pratt & Whitney's PurePower® PW1000G engine has been recognized by *Popular Science Magazine* with a 2009 "Best of What's New Award." *Popular Science* named the PW1000G engine as one of the top technological advancements in the Aviation & Space category in 2009.

"For 22 years, *Popular Science* has honored the innovations that surprise and amaze us – those that make a positive impact on our world today and challenge our views of what's possible in the future," said Mark Jannot, editor-in-chief of *Popular Science*. "The Best of What's New Award is the magazine's top honor, and the 100 winners – chosen from among thousands of entrants – represent the highest level of achievement in their fields."

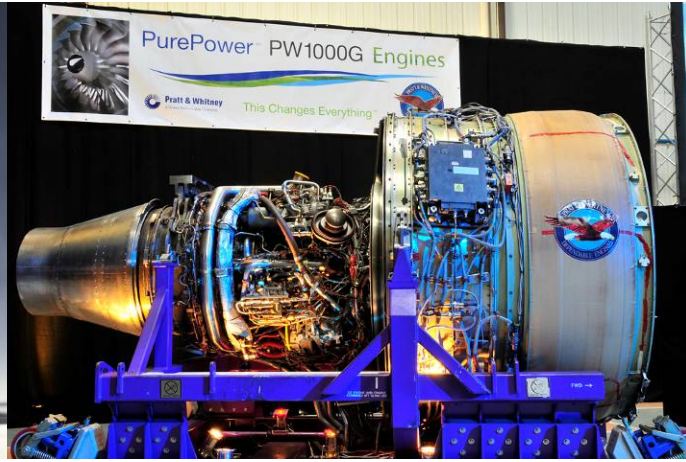
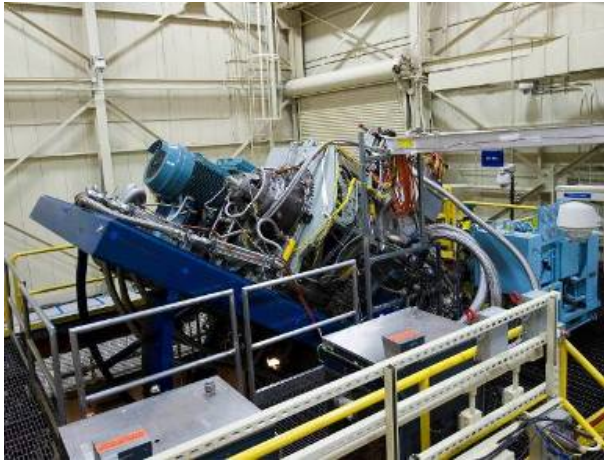
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The Year in Review

2009 was a very successful year for the PurePower® PW1000G Engine Program

- ◆ Geared Turbofan Engine Demonstrator completes flight testing
- ◆ Bombardier announces Lufthansa and LCI as CSeries aircraft customers
- ◆ Pratt & Whitney's PurePower® PW1000G Engine wins Technology Breakthrough Award in China
- ◆ Pratt & Whitney's PurePower® PW1000G Engine wins Aviation Week Laureate Award
- ◆ Detailed Design begins on engines for CSeries and MRJ aircrafts
- ◆ Fan Drive Gear System sets endurance milestones during rig testing
- ◆ Trans States Holdings selects Mitsubishi Regional Jet
- ◆ P&W Begins Full Scale Core Testing on PurePower® Engine core
- ◆ PurePower® PW1000G engine wins *Popular Science* Magazine's "Best of What's New Award"
- ◆ Pratt & Whitney's PurePower® PW1000G Engine Selected to power Russia's Irkut MC-21 Aircraft



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