



# PurePower™

## PW1000G Engine News

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**This Changes Everything.™**

### PurePower™ PW1000G 747SP Flight Test Completed!

#### Introducing Pratt & Whitney PurePower Engines

PurePower family  
of engines announced  
at Farnborough Airshow

Pratt & Whitney's  
Geared Turbofan™ engine  
is now the  
PurePower PW1000G engine

[www.pw.utc.com](http://www.pw.utc.com)



In August 2008, the PurePower PW1000G engine demonstrator successfully completed Phase 1 flight testing. Results of the 12-flight, 43-hour test were better than expected. All operability requirements were satisfied, in-flight starting performance was better than predicted, fuel burn was on target and the Fan Drive Gear System met all expectations. The engine is now in Toulouse, France for flight testing at Airbus.



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[purepowermarketing@pw.utc.com](mailto:purepowermarketing@pw.utc.com)*



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# Engine Demonstrator Begins Phase 2 Flight Testing

*Flight Test underway in Toulouse France on Airbus A340-600 Flying Test Bed*



On October 14, 2008, Airbus' A340-600 Flying Test Bed took to the skies with the PurePower PW1000G engine demonstrator beginning a test campaign that will continue through the end of the year. Testing will include airframe integration, performance, and engine acoustics.

## Technology Validation Completed

*Key technologies complete validation requirements*



**Fan Drive Gear System Rig**



**High Speed LPC Compressor Rig**

Fan Drive Gear System and High Speed Low Pressure Compressor have completed validation and achieved Technology Readiness Level 6 (TRL6) with excellent results.



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400 Main Street  
East Hartford, CT 06108  
[www.pw.utc.com](http://www.pw.utc.com)