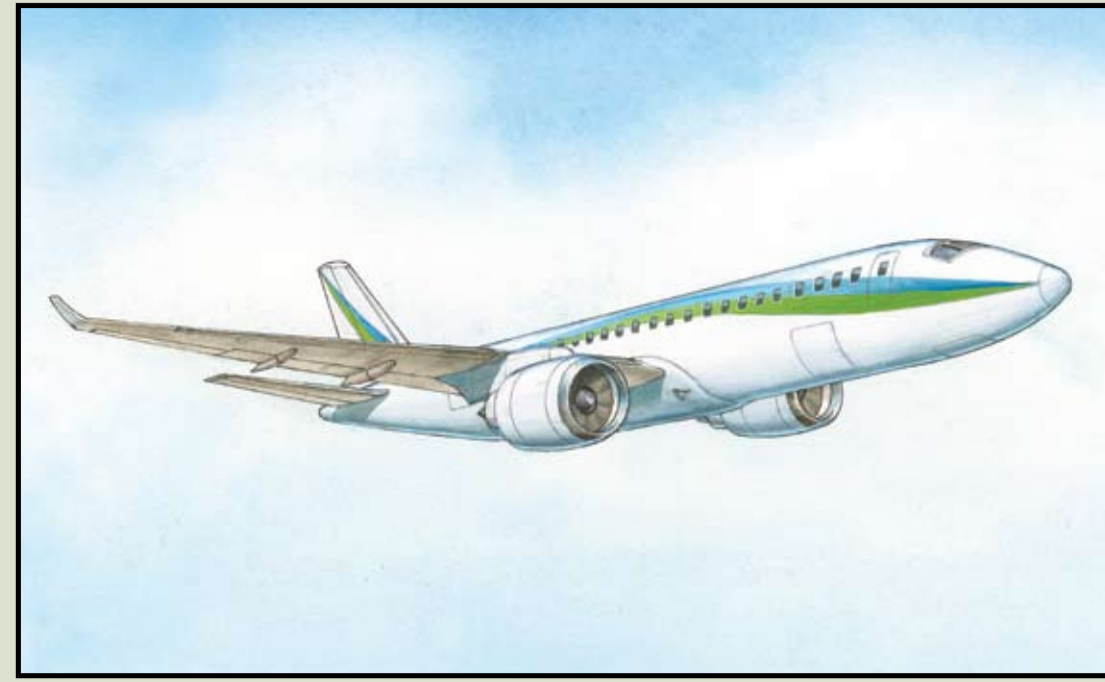


Pratt & Whitney  
PurePower™ PW1000G Engine



**One powerful package.**

The PurePower PW1000G engine is the only engine under development for the next generation commercial aircraft market that is flight proven and will deliver double digit reductions in fuel burn and operating costs as soon as 2013.

**Flight proven.**

The PurePower PW1000G demonstrator engine successfully completed more than 400 hours of ground and flight-testing in December 2008. It flew on both Pratt & Whitney's 747SP aircraft, and on an Airbus A340-600, demonstrating excellent performance, reliability and low, low noise.

**Double digit reduction in fuel burn**

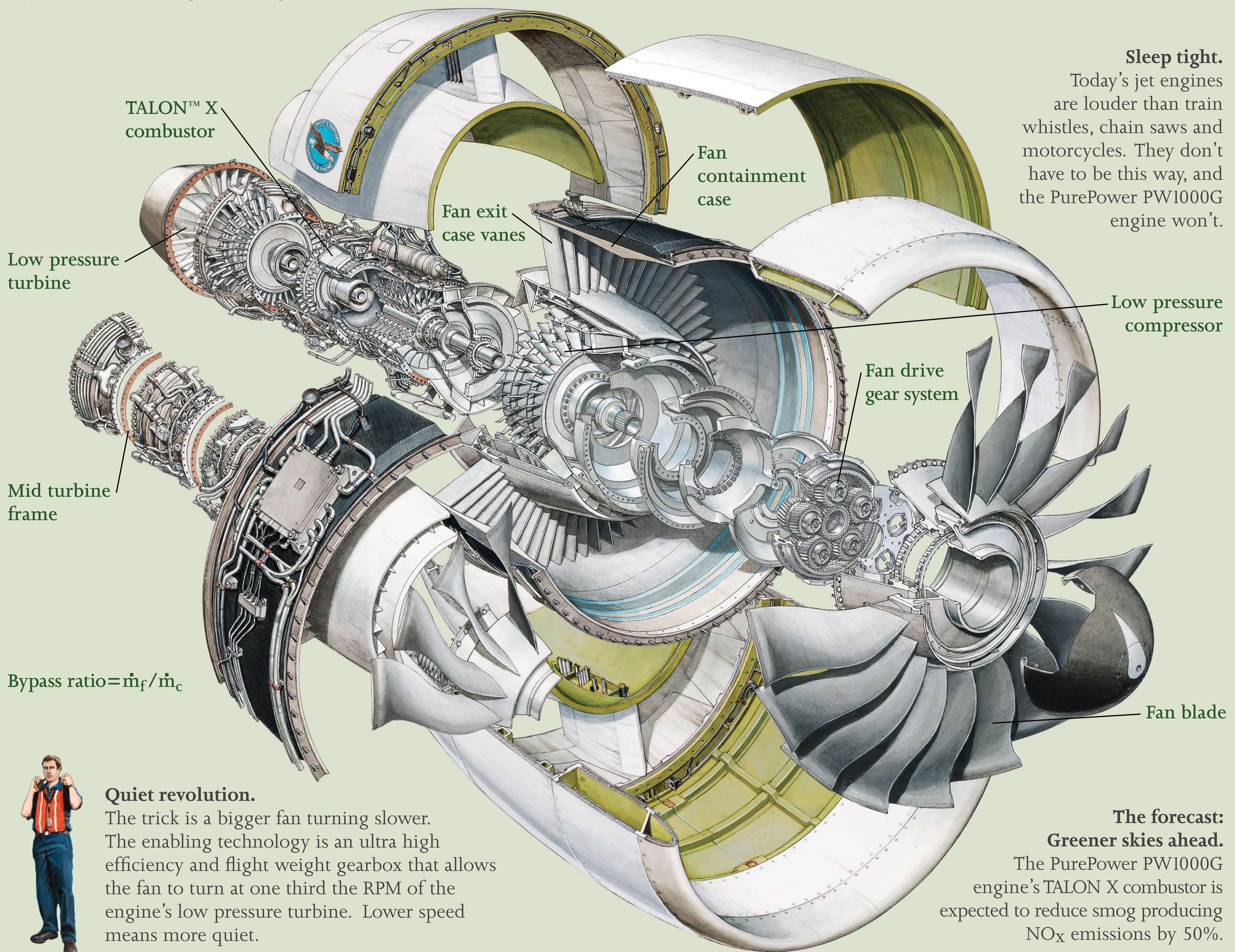
- + reduced maintenance costs
  - + reduced or no noise fees
  - + reduced or no emissions fees
- 
- = potential savings of 1.5 million dollars per airplane per year.  
(Now that's traveling on a budget.)

**The turbofan diet.**

The PurePower PW1000G engine has 40% fewer airfoils than existing engines. Which reduces the engine's weight and maintenance costs to lower significantly airline operating costs.

**An effective decongestant.**

With much quieter engines, airlines could have more flexibility on when they land and take off and fly overhead rather than around the block, increasing airport capacity and reducing delays.



**Sleep tight.**

Today's jet engines are louder than train whistles, chain saws and motorcycles. They don't have to be this way, and the PurePower PW1000G engine won't.

**Quiet revolution.**

The trick is a bigger fan turning slower. The enabling technology is an ultra high efficiency and flight weight gearbox that allows the fan to turn at one third the RPM of the engine's low pressure turbine. Lower speed means more quiet.

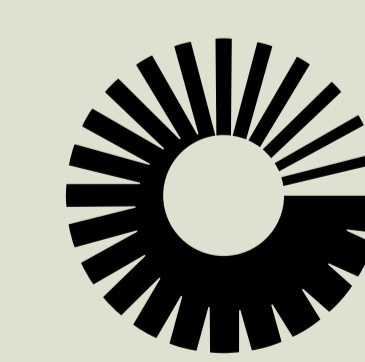
**The forecast:**

**Greener skies ahead.**

The PurePower PW1000G engine's TALON X combustor is expected to reduce smog producing NO<sub>x</sub> emissions by 50%.

**SO QUIET IT'S GOT BOTH AIRLINES AND INVESTORS LISTENING.**

When you create a jet engine that's 50% quieter than the present standard, airlines and investors take notice. United Technologies is no stranger to quiet innovation. Our Otis Gen2® elevator is quieter than conversational speech, while a bus powered by our fuel cell is as quiet as a luxury sedan. We've also kept the noise down while being named one of *Fortune*® magazine's "Most Admired" aerospace companies for the past 17 years. Learn more at [utc.com](http://utc.com).



**United Technologies**

You can see everything from here.