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PW2000 Engine: Lowest Operating Cost for Mid-Range-Thrust Engines

The PW2000 engine family, covering 37,000 to 43,000 pounds of thrust, meets the rugged demands of airlines for both short flights and long hauls. PW2000 engine offers high thrust and outstanding fuel efficiency, resulting in superior payload capability and the ability to operate in high altitudes and hot climates.

The PW2000 engine's technical innovation provides unparalleled performance, environmental advantages, high reliability and low maintenance costs. The engine was the first to offer Full-Authority Digital Electronic Control (FADEC), an electronic engine control. Like the PW4000 family, the PW2000 is certified to operate 180-minute Extended-range Twin-engine Operations (ETOPS) flights, giving 757 aircraft operators the ability to cross oceans and continents. Since entering service in 1984 on the 757, the PW2000 engine has accumulated more than 45 million hours of service.

Today's PW2000 engines feature a number of durability enhancements to provide longer time on wing and lower maintenance costs. The improved model is known as the PW2000 RTC, for Reduced Temperature Configuration. These durability features are made available to earlier configurations through incorporation of the Combustor Exit Temperature (CET) kit.

A military version of the PW2000, the F117-PW-100, is the exclusive power plant for the US Air Force C-17 Globemaster III military transport. The USAF chose the PW2000 for its excellent commercial service record and superior range and payload advantages created by the power plant. The USAF also selected the PW2040 to power the C-32A, the military version of the 757.

Engine Models

- PW2037/40

Airplanes Powered

- Boeing 757

Program Milestones	
December 1979	Program launch
October 1984	Service entry on 757-200
September 1991	C-17 First flight
April 1992	180-minute ETOPS approval
September 1993	RTC certification
July 2002	Service entry on 757-300
August 2004	1,000 th PW2000 delivery
December 2009	25 year commercial service anniversary

About Pratt & Whitney

Pratt & Whitney, a division of United Technologies Corp. (NYSE:UTX), is a world leader in the design, manufacture and service of aircraft engines, space propulsion systems and industrial gas turbines. United Technologies, based in Hartford, Conn., is a diversified, Fortune 50 company providing high technology products and services to the global aerospace and building industries.

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