GO BEYOND

TURBOFAN

PW800 ENGINE

THE PW800 TAKES YOU FURTHER IN BUSINESS AVIATION

PW800 ENGINE SERIES

THRUST* 10,000 - 20,000 LBS CLASS

GAME-CHANGING PERFORMANCE

Impressive improvements in fuel burn, environmental emissions, engine noise and operating costs for new generation, long-range business jets. The PW800 engine embodies the latest advanced technologies to deliver an unprecedented combination of power, performance and availability.

* Thrusts are approximate values at take-off. Available at sea level, standard day, static conditions, uninstalled.

OVERVIEW

The PW800 turbofan engine raises the bar on performance and economics for next-generation long range business jets. It shares the same proven, rigorously tested core technology used in the Pratt & Whitney GTF family of geared turbofan commercial engines. With best-in-class availability, technology innovation and a comprehensive service plan, it is uniquely positioned to serve business aviation. The first members of the PW800 engine family, received Transport Canada type certification in February 2015, followed by the FAA (Federal Aviation Administration) and EASA (European Aviation Safety Agency) in February and August 2017, respectively.

FEATURES

Every aspect of this engine has been thoughtfully designed with people, performance and customer service at heart. The robust powerplant design provides maximum peace of mind to owners, operators, pilots and passengers alike, with exceptional dispatch reliability. From a maintenance perspective, the PW800 engine sets the industry standard, with 40% less scheduled maintenance than other engines in its class. It also features large access panels in the engine bypass ducts allowing mechanics to quickly and efficiently access the engine core. In addition, the accessory suite has been carefully designed so that most accessories can be replaced in under 30 minutes.

TECHNOLOGY

SUPERIOR ENGINE PERFORMANCE	ENVIRONMENTALLY SUSTAINABLE TECHNOLOGIES	NEXT-GENERATION POWERPLANT TECHNOLOGIES	ADVANCED SINGLE-PIECE FAN	ADVANCED HEALTH MONITORING
Best overall performance, efficiency and quiet operation for high-speed aircraft Superior parameter control for optimized fuel burn through the latest FADEC system	Double-digit margin to anticipated CAEP/8 environmental protection regulations Ultra-low levels of unburned hydrocarbons and smoke through its unique TALON™ X combustor	Highest levels of integration with the aircraft Lower part count through extensive use of lightweight composites and advanced manufacturing technologies	Superior cabin comfort through lower noise and vibration levels	Exceptional prognostics capability for proactive maintenance and longer time on wing

Operators of the PW800 engines will be supported by P&WC's industry-leading global customer support. The network includes over 30 P&WC-owned and designated service facilities around the world, more than 150 field support representatives (FSR) on all major continents, a 24/7 Customer First Centre for rapid expert support, advanced diagnostic capabilities and the largest pool of P&WC rental and exchange engines in the industry.

LEARN MORE AT **WWW.PW800.COM**

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