Pratt & Whitney Canada
A United Technologies Company

THE PW200 TURBOSHAFT

KING OF THE LIGHT-TWIN

HELICOPTERS

	Thermodynamic Power Class* (Shaft Horsepower)	Mechanical Power Class* (Shaft Horsepower)	Output Shaft Speed (RPM)	Height** (Inches)	Width** (Inches)	Length** (Inches)
PW206 Series	640	430 to 560	5,900	22	20	36 to 41
PW207 Series	730	570 to 650	6,000 to 6,240	22	20	36 to 40

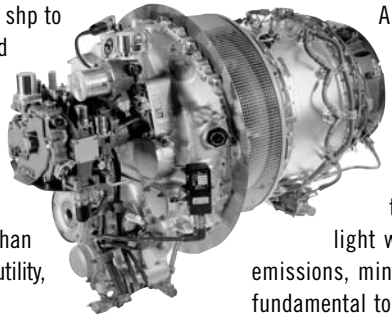
* Powers are approximate values at take-off. Available at sea level, standard day, static conditions, uninstalled. ** Dimensions are approximate values.

POWERING THE MAJORITY OF THE WORLD'S LIGHT-TWIN HELICOPTERS

The PW200 family is the proven benchmark in its class for rugged dependability and excellent operating economics. It is the engine of choice for the new generation of light-twin helicopters.

OVERVIEW

Thanks to its unprecedented levels of reliability and economy, the PW200 family has captured a majority share of worldwide sales over its competitors. Ranging in power from 500 shp to over 700 shp, PW200 engines have been produced in 10 models and their versatility has been demonstrated in a wide variety of applications. PW200 engines power aircraft in service with 380 operators in 54 countries. More than 2,500 PW200 engines have been produced since the family entered service in the 1990s, accumulating more than 3 million flying hours in emergency medical service, utility, law enforcement, business and other operations.



FEATURES

The PW200 is simple in concept, with only three major rotating components and a modular design enabling easy maintenance. A single-stage centrifugal compressor driven by a single-stage turbine with a PT6-style reverse flow combustor power a free, single stage power turbine. The power turbine, in turn, powers the output shaft through a front-mounted reduction gearbox. Combining the reduction and engine accessory gearbox contributes to the PW200's compact design. Low fuel consumption, light weight, a compact architecture, low environmental emissions, minimum maintenance and low maintenance cost are fundamental to the PW200's sustaining appeal in the marketplace.

TECHNOLOGY

Single stage centrifugal compressor
- Compact and efficient, radial inlet with screen for FOD (Foreign Object Damage) protection and no overboard compressor bleed

Reverse flow combustor
- Low emissions, high stability, easy starting and durable

Single-stage high pressure turbine
- Advanced technology and low parts count for long life and low maintenance cost

Single-stage shrouded power turbine
- High efficiency and low vibration

Combined Reduction and Accessory gearbox
- Two-stage, compact drive train with precise electronic torquemeter and integrated oil tank

Electronic Engine Control (EEC) with hydro-mechanical backup
- Includes engine usage monitoring and is pilot and maintenance friendly

Operators of PW200 engines are 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 100 field support representatives on all major continents, a 24/7 Customer First Centre for rapid expert support, the most advanced diagnostic capabilities and the largest pool of P&WC rental and exchange engines in the industry.

LEARN MORE AT WWW.PWC.CA/ENGINES/PW200

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DEPENDABLE ENGINES

08-2243, rev.01-30-09