



GO BEYOND

TURBOSHAFT

PW2000 ENGINE FAMILY

BEST CHOICE FOR
LIGHT-TWIN HELICOPTERS



	THERMODYNAMIC POWER CLASS* (SHAFT HORSEPOWER)	HEIGHT** (INCHES)	WIDTH** (INCHES)	LENGTH** (INCHES)
PW206 SERIES	640	22	20	36 to 41
PW207 SERIES	730	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, PW206/207 series have been produced in 12 models and their versatility has been demonstrated in a wide variety of applications. PW206/207 engines power aircraft in service with 893 operators in 87 countries. More than 5,700 PW206/207 engines have been produced since the family entered service in the 1990s, accumulating more than 15.2 million flying hours in emergency medical service, security and defense, utility, 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	REVERSE FLOW COMBUSTOR	SINGLE-STAGE HIGH PRESSURE TURBINE	SINGLE-STAGE SHROUDED POWER TURBINE	COMBINED REDUCTION AND ACCESSORY GEARBOX	ELECTRONIC ENGINE CONTROL (EEC) WITH HYDRO- MECHANICAL BACKUP
Compact and efficient, radial inlet with screen for FOD (Foreign Object Damage) protection and no overboard compressor bleed	Low emissions, high stability, easy starting and durable	Advanced technology and low parts count for long life and low maintenance cost	High efficiency and low vibration	Two-stage, compact drive train with precise electronic torquemeter and integrated oil tank	Includes engine usage monitoring and is pilot and maintenance friendly

Operators of PW200 engines are supported by Pratt & Whitney Canada's industry-leading global customer support. The network includes over 50 Pratt & Whitney-owned and designated service facilities around the world, more than 100 field support managers (FSMs) on all major continents, 24/7 technical and logistic support through our CFIRST customer response centres, the most advanced diagnostic capabilities and the largest pool of Pratt & Whitney Canada rental and exchange engines in the industry.

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