



**DEPENDABLE**

# PT6C

**HIGH PERFORMANCE TURBOSHAFT ENGINE FAMILY**



**Pratt & Whitney Canada**

A United Technologies Company

# THE PT6C TURBOSHAFT

# HIGH-POWERED PERFORMANCE

## FOR MEDIUM-CLASS HELICOPTERS

	Thermodynamic Power Class* (Shaft Horsepower)	Mechanical Power Class* (Shaft Horsepower)	Output Shaft Speed (RPM)	Diameter** (Inches)	Length** (Inches)
<b>PT6C-67A</b>	1,940	1,940	30,000	23	59
<b>PT6C-67C</b>	1,679	1,100	21,000	23	59
<b>PT6C-67E</b>	1,324	969	21,000	23	59

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

## SETTING NEW STANDARDS FOR MEDIUM-CLASS HELICOPTERS

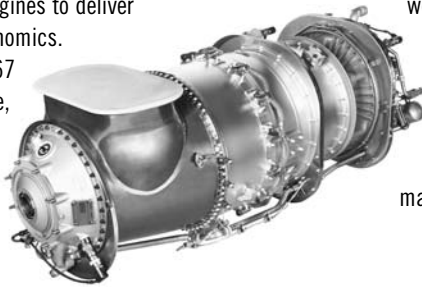
The latest technology for the new-generation medium-class helicopters and tiltrotors. Unmatched performance, continuing the PT6 legacy.

### OVERVIEW

The PT6C-67 Series with its latest advanced technologies has been designed in the tradition of P&WC's first helicopter engines to deliver outstanding reliability, durability and operating economics. The 1,200 to 2,000 shaft horsepower class PT6C-67 is based on the PT6A-67 Series airline turboprop engine, extending the inherent benefit of airline dependability to the helicopter market. Over 260 PT6C-67C engines power helicopters in service with 52 operators in 32 countries in such applications as oil exploration, emergency medical service, maritime patrol, business and utility operations.

### FEATURES

The PT6C-67 Series sets a new standard in its class for power-to-weight ratio, operating economics, as well as durability in harsh operating environments. Advanced engine control ranging from Electronic Engine Control (EEC) to Full Authority Digital Engine Control (FADEC) further advances ease of pilot operation and maintenance diagnostics.



### TECHNOLOGY

#### Single-PT6 power section with direct output drive

- Leveraging the successful PT6A-67 airline turboprop

#### Multi-stage axial and single-stage centrifugal compressor

- Reverse flow, radial inlet with screen for FOD (Foreign Object Damage) protection and latest technologies for low fuel consumption

#### Reverse flow combustor

- Advanced design for low emissions, high stability and easy starting

#### Single-stage compressor turbine

- Cooled vanes to maintain high durability and advanced high temperature capability materials for high power-to-weight ratio

#### Independent 'free' power turbine with shrouded blades

- Modular design for fast hot section refurbishment

#### Electronic Engine Control (EEC) with hydro-mechanical backup (Dual Channel Full Authority Digital Engine Control -FADEC- on most recent models)

- Includes engine usage monitoring and is pilot and maintenance friendly

Operators of PT6C 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/PT6C](http://WWW.PWC.CA/ENGINES/PT6C)

