



# Caravan PT6A-140 Engine Upgrade

## Creating a New Standard with PT6A Upgrade Programs

StandardAero presents an innovative alternative for PT6A operators with its Engine Upgrade Programs. Upgrading to the PT6A-140 provides you with the benefits of Pratt & Whitney Canada's latest technology.

## The Caravan PT6A-140 Engine Upgrade Program

StandardAero's Caravan Engine Upgrade Program replaces your existing PT6A-114/ -114A engine with a factory-new PT6A-140 engine.

StandardAero's FAA-approved Supplemental Type Certificate (STC) can be performed at any of our PT6A facilities worldwide or a location of your choice. With minimal airframe modifications, the Caravan Engine Upgrade allows you to achieve a 28-45% increase in power, reduced takeoff distance (under 1200 feet), and a rate of climb improvement of up to 40% (1,200+ feet/minute). These benefits deliver enhanced safety margins for environmental factors, including flight in known icing conditions.

StandardAero also offers additional value to these upgrades by enhancing Pratt & Whitney Canada's new engine warranty with additional coverage.

## Dollars & Sense

StandardAero's Caravan Engine Upgrade Program not only results in a stronger, faster, more powerful aircraft, but it also reduces maintenance costs thanks to a newer, more efficient engine, all with enhanced warranty coverage.

## STANDARD BENEFITS

- Shorter takeoff distance
- Increased rate of climb
- Increased cruise speed
- Reduced operating costs
- Increased asset value
- New engine warranty

## PT6A Facility Locations:

### Overhaul Locations

- Summerside, PE, Canada
- Brisbane, QLD, Australia
- Gonesse, France
- Johannesburg, South Africa

### Service Center Locations

- Calgary, AB, Canada
- Winnipeg, MB, Canada
- Kennesaw, GA, USA
- Grapevine, TX, USA
- Nairobi, Kenya

Short Field Takeoff Performance	Stock C208B (PT6A-114A)		Stock C208B (PT6A-140)	
	ISA	ISA+20°C	ISA	ISA+20°C
Sea Level, ISA 8,750 lbs (MTOW)	2,500 ft		2,160 ft (-14%)	
Sea Level, ISA+20°C 8,750 lbs (MTOW)	2,795 ft		2,518 ft (-10%)	
4,000 ft Pressure Altitude, ISA 8,750 lbs (MTOW)	3,051 ft		2,651 ft (-13%)	
4,000 ft Pressure Altitude, ISA+20°C 8,750 lbs (MTOW)	3,447 ft		3,353 ft (-3%)	
Climb Performance (Cargo pod Installed)	853 ft/min	666 ft/min	1,158 ft/min (+36%)	894 ft/min (+34%)
Cruise Performance (Cargo pod Installed)	171 KTAS	157 KTAS	184 KTAS (+8%)	172 KTAS (+10%)

Note: Data based on Caravan 208B (675 shp vs. 867 shp), no wind, paved, level, dry runway