

# Vy ENGINE+ UPGRADE FOR THE CARAVAN

EXCLUSIVELY FROM BLACKHAWK



## WHAT WILL YOU DO WITH ALL THAT POWER?


### Feel the power of your Caravan with a Blackhawk Vy Engine+ Upgrade.

The Blackhawk Vy Engine+ Upgrade is an ultra cost-effective solution for Caravan 208 and 208B operators who seek improved performance, increased profitability and a better flying experience. Jeff Farrington, Owner, Skydive Kapowsin, said "We are so impressed with the PT6A-42A that we upgraded all of our Caravans."

### INVESTMENT & VALUE

All this performance and value starts with an initial investment, minus the cost of what your next overhaul would have been. Other financial factors to consider include:

- Increased revenue generation
- Pratt & Whitney core engine credits up to \$50 per hour for every hour remaining to the factory TBO
- Strongest resale value of any engine upgrade on the market
- Nearly every Blackhawk-powered aircraft that has been resold within 500 hours of the upgrade has sold close to or higher than the combined investment of the airframe and engine

**28%**   
INCREASE IN AVAILABLE HORSEPOWER

CARRY MORE

IMPROVED CLIMB

FASTER SPEEDS

BETTER SAFETY MARGINS

SHORTER TAKEOFF DISTANCES

### UPGRADE BENEFITS



**850 SHP**

For takeoff, climb,  
and cruise



**22%<sup>1</sup>**

Shorter Takeoff  
Distance



**50%**

Quicker Time to Climb  
on ISA +20 days



**189 ktas<sup>1</sup>**

Maximum  
Cruise Speed



**100° C**

Lower  
Starting Temps



**3,600 hrs<sup>2</sup>**

P&WC Enhanced  
Engine Warranty

<sup>1</sup>Grand Caravan 208B with Vy Engine+ Upgrade, Sea Level, ISA Day, Ground Roll, No Wind, No Pod.

<sup>2</sup>P&WC Enhanced New-Engine Warranty 2,500 hours/5 years with prorated coverage to the 3,600 hour TBO

### BOOST YOUR AIRCRAFT PERFORMANCE

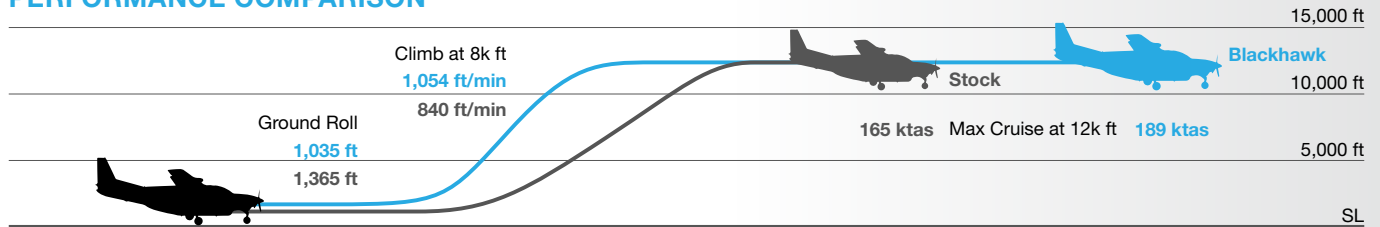
Upgrades available for Cessna Caravan 208 & Cessna Grand Caravan 208B



“ The Blackhawk engine upgrade is a revenue generator and a crowd pleaser. With a single engine, it puts up more jumpers per hour than a Super Otter. We can operate more efficiently and grow our business while sharing our passion with our customers. Everybody wins. ”

Jeff Farrington *Owner, Skydive Kapowsin*

## PERFORMANCE COMPARISON



Cessna Caravan 208B Performance Comparison. Speeds will increase for 208 models.

## FAQs

### Q. Won't an upgrade cost more than an overhaul?

A. Yes, you'll spend more on an upgrade than an overhaul, but you'll have so much more to show for it, too: increased earning ability, better resale value, enhanced safety, reduced operating costs and a better flying experience.

### Q. But won't I burn more fuel?

A. Yes, the fuel burn is greater at equal altitude. However, taking advantage of the increased climb performance and higher cruise speeds significantly narrows or eliminates the increase in fuel consumption. Also, utilizing the increased climb and cruise performance will reduce block times and deliver a significant reduction in overall operating costs. Typically, any increase in fuel cost will be offset by a larger reduction in direct operating costs. We've done the math, it pays to fly faster!

### Q. If I upgrade, does it make sense to wait until my next overhaul?

A. Why wait to start enjoying the many benefits of an upgrade? Save money on every mission you fly, increase the capability of your aircraft, and take advantage of generous credits for time remaining on the core engine. Over half of Blackhawk's customers upgrade with more than 500 hours remaining.

### Q. Should I upgrade what I have or buy a different aircraft?

A. Blackhawk offers transformative performance without the risks of buying new to you: Will you be able to sell your aircraft for the value you expect? Will there be unexpected costs to acquire your new aircraft? Will there be unexpected issues not uncovered by the pre-buy? Upgrading with Blackhawk eliminates the uncertainty and transactional costs of buying another aircraft while transforming the performance and utility of the aircraft you know best.

## WHAT'S INCLUDED

<b>Engine</b>	Factory-New Pratt & Whitney Canada (P&WC) PT6A-42A Engine (Exchange)
<b>Warranty</b>	P&WC Enhanced New-Engine Warranty 2,500 hours/5 years with prorated coverage to the 3,600 hour TBO <sup>2</sup>
<b>Propeller</b>	Choice of Factory-New MT or Hartzell Propeller and Spinner
<b>Exhaust</b>	Choice of Factory-New Climb or Cruise Exhaust Stacks
<b>Cowling</b>	New Carbon-Fiber Composite Cowling and High-Efficiency Inlet
<b>Battery</b>	Optional New True Blue Power Advanced Lithium-Ion Battery
<b>Gauges</b>	New Hawkeye DigiLog Smart Engine Gauges
<b>Oil Cooler</b>	New 40% Larger Oil Cooler
<b>Ducting</b>	Newly Designed Engine Bleed Valve Ducting System
<b>A/C Intake</b>	Optimized A/C Intake
<b>Starter</b>	Optional 325 amp Starter Generator
<b>Manual</b>	Globally Approved Flight Manual Supplement
<b>STC Papers</b>	STC Paperwork and Instructions for Continued Airworthiness
<b>Training</b>	P&WC PT6 Line Maintenance Entitlement Training
<b>Subscription</b>	Two-Year Subscription for P&WC Engine Maintenance/Parts Manuals
<b>Support</b>	Blackhawk Lifetime Customer Support Guarantee



## UPGRADE NOW TO MAXIMIZE YOUR ROI.

### CONTACT US TODAY

Call us to learn how the Vy Engine+ Upgrade boosts your performance, safety, and bottom line.