BLACKHAWK ENGINE+ UPGRADE
FOR THE CESSNA CARAVAN SERIES
Multiply your power and your revenue generation capability with the **Blackhawk Vx Engine+ Upgrade**. Blackhawk makes it easy, with a quick, ultra-cost-effective installation that delivers value, performance and enough power to impress any pilot. Replace your tired 600/675 horsepower PT6A-114/114A engine with a **factory-new PT6A-42A** powerplant for like-new levels of performance and load carrying capabilities.

**Blackhawk Vx Engine+ Upgrade Performance Comparison**

<table>
<thead>
<tr>
<th>Take-Off Distance, feet, MTOW</th>
<th>Stock Caravan 208</th>
<th>Caravan 208 with Vx Engine+ Upgrade</th>
<th>Stock Grand Caravan 208B</th>
<th>Grand Caravan 208B with Vx Engine+ Upgrade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ground Roll</td>
<td>Over 50’ Obstacle</td>
<td>Ground Roll</td>
<td>Over 50’ Obstacle</td>
</tr>
<tr>
<td><strong>Sea Level, ISA</strong></td>
<td>1,160</td>
<td>2,055</td>
<td>930 (-20%)</td>
<td>1,680 (-18%)</td>
</tr>
<tr>
<td><strong>Sea Level, ISA+20°C</strong></td>
<td>1,295</td>
<td>2,278</td>
<td>1,050 (-19%)</td>
<td>1,765 (-23%)</td>
</tr>
<tr>
<td><strong>4,000 ft. elevation, ISA</strong></td>
<td>1,430</td>
<td>2,500</td>
<td>1,130 (-21%)</td>
<td>2,030 (-19%)</td>
</tr>
<tr>
<td><strong>4,000 ft. elevation, ISA+20°C</strong></td>
<td>1,620</td>
<td>2,810</td>
<td>1,325 (-18%)</td>
<td>2,330 (-17%)</td>
</tr>
<tr>
<td><strong>Climb Performance, fpm</strong></td>
<td>ISA</td>
<td>ISA+20°C</td>
<td>ISA</td>
<td>ISA+20°C</td>
</tr>
<tr>
<td><strong>4,000 ft. altitude</strong></td>
<td>1,150</td>
<td>980</td>
<td>1,550 (+35%)</td>
<td>1,180 (+20%)</td>
</tr>
<tr>
<td><strong>8,000 ft. altitude</strong></td>
<td>1,090</td>
<td>795</td>
<td>1,270 (+17%)</td>
<td>1,025 (+29%)</td>
</tr>
<tr>
<td><strong>Cruise Performance, ktas</strong></td>
<td>ISA</td>
<td>ISA+20°C</td>
<td>ISA</td>
<td>ISA+20°C</td>
</tr>
<tr>
<td><strong>12,000 ft. altitude</strong></td>
<td>178</td>
<td>164</td>
<td>187 (+5%)</td>
<td>184 (+12%)</td>
</tr>
</tbody>
</table>

**HAWKEYE DigiLog Smart Engine Instrument for the Blackhawk Vx Engine+ Upgrade**

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**The Blackhawk Vx Engine+ Upgrade Package Includes**

+ Factory-New Pratt & Whitney Canada (P&W) PT6A-42A Engine²
+ Pratt & Whitney Canada Enhanced New-Engine Warranty
+ Choice of Factory-New Propeller and Spinner²
  - MT 96” 5-Blade Natural Composite Propeller¹
  - MT 98” 4-Blade Natural Composite Propeller
  - Hartzell 100” 4-Blade Wide-Chord Aluminum Propeller
  - Hartzell 104” 3-Blade Aluminum Propeller
+ Choice of Factory-New Dual Exhaust Stacks²
  - Globe Climb Stacks (Lowers ITT during Climb)
  - Frakes Speed Stacks (Increases Cruise Speed up to 5 Knots)
+ New Carbon-Fiber Composite Cowling & High Efficiency Inlet²
+ New True Blue Power Advanced Lithium-Ion Battery (30 lbs. Lighter)
+ New Hawkeye DigiLog Smart Engine Instruments²
+ New 40% Larger Oil Cooler²
+ Newly Designed Engine Bleed Valve Ducting System
  (For Smoother Low-Power Setting Operations)
+ Optimized AC Intake (Significantly Lowers Cabin Temperature)
+ Optional: 325 amp Starter Generator (Reduces Start Times and Temps)²
+ Globally Approved Flight Manual Supplement
+ STC Paperwork and Instructions for Continued Airworthiness
+ P&W PT6 Line Maintenance Entitlement Training
+ Blackhawk Lifetime Customer Support Guarantee

¹ Complies with European Noise Level Requirements ² Exchange