MORE POWER
IMPROVED PERFORMANCE
LOW COST OF OPERATION

TPE331-12JR ENGINE CONVERSION
FOR CESSNA CARAVAN

by Texas Turbine Conversions, Inc.
TOUGH. PROVEN. EFFICIENT.

THE 12JR, THE ENGINE CONVERSION DELIVERING THE BEST VALUE FOR YOUR CARAVAN

The Supervan 900™ conversion with the Honeywell TPE331-12JR engine delivers the most powerful flying experience with more features than any other Caravan / Engine combination available today:

• Shorter take-off distances
• Better climb and cruise performance with less fuel burn
• Lower per-hour operating cost

If you are considering to make a major investment for an engine conversion on your Caravan, why not receive the Maximum Value for your investment and FLY THE BEST?
Outstanding TPE331 Service and Engine Conversion Advantages:

- FAA and EASA certified for:
  - Cessna 208 and 208B land planes
  - Cessna 208 amphibian plane
- Faster throttle response
  - Single shaft design
- Better fuel efficiency
- Lower cost of ownership
  - Conklin & de Decker
- Longer maintenance intervals
- Quieter flyover
  - Certified to 76 decibels, meets enhanced German Airfield Noise Protection Order (acc Annex 16, Chapter 10)
- Single exhaust
  - On side opposite cargo door
- Simpler to operate
  - Automatic one-button starting, single red line, torque and temperature limiting
- No inlet particle separator
  - Less hardware and much less performance penalty in icing conditions
- Clean installation
  - Access to all LRUs for maintainability
- Certified for and better performance in icing conditions

Supervan 900™ Specifications vs. OEM

<table>
<thead>
<tr>
<th>Specification</th>
<th>Grand Caravan Standard OEM w/pod</th>
<th>Grand Caravan EX</th>
<th>With TPE331-12JR Conversion w/pod</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engine</strong></td>
<td>PT6A-114A</td>
<td>PT6A-140</td>
<td>TPE 331-12JR</td>
</tr>
<tr>
<td><strong>Horsepower</strong></td>
<td>675 shp flat-rated</td>
<td>867 shp flat-rated</td>
<td>900 shp flat-rated</td>
</tr>
<tr>
<td><strong>Torque</strong></td>
<td>1865 ft-lbs</td>
<td>2397 ft-lbs</td>
<td>2971 ft-lbs</td>
</tr>
<tr>
<td><strong>TBO</strong></td>
<td>3600 hrs</td>
<td>3600 - 6000 hrs</td>
<td>5000 - 7000 hrs</td>
</tr>
<tr>
<td><strong>Max gross weight</strong></td>
<td>8750 lbs</td>
<td>8807 lbs*</td>
<td>8750 - 9062 lbs*</td>
</tr>
<tr>
<td><strong>Std. empty weight (wheels)</strong></td>
<td>5000 lbs</td>
<td>5295 lbs</td>
<td>5100 lbs</td>
</tr>
<tr>
<td><strong>Useful Load (wheels)</strong></td>
<td>3750 lbs</td>
<td>3512 lbs*</td>
<td>3962 lbs*</td>
</tr>
<tr>
<td><strong>Climb (ISA - g.w.)</strong></td>
<td>925 ft/min</td>
<td>1275 ft/min</td>
<td>1559 ft/min</td>
</tr>
<tr>
<td><strong>Max Cruise (10,000 ft.)</strong></td>
<td>175 kts</td>
<td>184 kts</td>
<td>198 kts</td>
</tr>
<tr>
<td><strong>Max Cruise fuel flow</strong></td>
<td>396 lbs/hr</td>
<td>437 lbs/hr</td>
<td>440 lbs/hr</td>
</tr>
<tr>
<td><strong>Takeoff (ground roll)</strong></td>
<td>1405 ft</td>
<td>1399 ft</td>
<td>825 ft</td>
</tr>
<tr>
<td><strong>Takeoff (50' obstacle)</strong></td>
<td>2500 ft</td>
<td>2160 ft</td>
<td>1470 ft</td>
</tr>
<tr>
<td><strong>Landing (wheels)</strong></td>
<td>950 ft</td>
<td>1004 ft</td>
<td>950 ft</td>
</tr>
<tr>
<td><strong>Power loading</strong></td>
<td>12.96 lbs/shp</td>
<td>10.2 lbs/shp</td>
<td>9.7 - 10.1 lbs/shp</td>
</tr>
<tr>
<td><strong>Stall Speed- flaps</strong></td>
<td>61 kts</td>
<td>61 kts</td>
<td>61 kts</td>
</tr>
<tr>
<td><strong>Endurance (max cruise standard fuel)</strong></td>
<td>5.1 hrs</td>
<td>4.4 hrs</td>
<td>4.6 hrs</td>
</tr>
<tr>
<td><strong>Range (max cruise standard fuel)</strong></td>
<td>860 nm</td>
<td>810 nm</td>
<td>910nm</td>
</tr>
</tbody>
</table>

**Supervan 900 all performance @ 9062 lbs.**

Support:

Honeywell provides highly specialized on-line product support and aftermarket repair and overhaul services for all engine components and systems. A global network of experienced engineers and support specialists is available 24 hours a day, seven days a week, 365 days a year.
Find out more
For more information on the Supervan 900 conversion, please contact:

Texas Turbine Conversions, Inc.
Tel: 903-786-5050
Fax: 903-786-5053
Email: info@texasturbines.com

or

Honeywell
1-800-601-3099

Honeywell Aerospace
1944 E. Sky Harbor Circle
Phoenix, AZ 85034
aerospace.honeywell.com