

Honeywell



MORE POWER
IMPROVED PERFORMANCE
LOW COST OF OPERATION

TPE331-12JR ENGINE CONVERSION FOR CESSNA CARAVAN

SUPERVAN 900

by Texas Turbine Conversions, Inc.

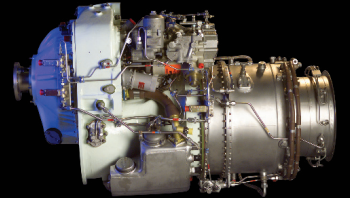
TOUGH. PROVEN. EFFICIENT.

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

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

** 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.

SUPERVAN 900



Find out more

For more information on the Supervan 900 conversion, please contact:

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