

# Supervan 900 TPE331-12JR Conversion



**MORE POWER. IMPROVED PERFORMANCE.  
LOWER COST OF OPERATION.**

**The fastest, most reliable  
aircraft have been powered  
by TPE331 engines. Now your  
Caravan can join the crowd.**

**Honeywell**



The Supervan 900 conversion with the Honeywell TPE331-12JR engine can take-off shorter, climb quicker and cruise faster with the same fuel burn or longer at the same speed while reducing your per-hour operating costs.

### 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**

	<b>Supervan 900</b>	<b>Specifications vs. OEM</b>
Specification	Grand Caravan Standard OEM w/pod	With TPE331-12JR Conversion w/pod
Engine	PT6A-114A	TPE 331-12JR
Horsepower	675 shp flat-rated	900 shp flat-rated
Torque	1865 ft-lbs	2971 ft-lbs
TBO	3600 hrs	5000 - 7000 hrs
Max gross weight	8750 lbs	8750 - 9062 lbs*
Std. empty weight (wheels)	4285 lbs	4265 lbs
Useful Load (wheels)	4465 lbs	4667 lbs*
Climb (ISA- g.w.)	925 ft/min	1500 ft/min
Max Cruise (10,000 ft.)	175 kts	198 kts
Max Cruise fuel flow	396 lbs/hr	430 lbs/hr
Takeoff (ground roll)	1405 ft	825 ft
Takeoff (50' obstacle)	2500 ft	1470 ft
Landing (wheels)	950 ft	925 ft
Power loading	12.96 lbs/shp	10.1 lbs/shp
Stall Speed- flaps	61 kts	61 kts
Endurance (max cruise- standard fuel)	5.6 hrs	5.3 hrs
Range (max cruise-standard fuel)	915 nm	1000 nm
* With gross weight increase kit installed		

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



### Outstanding TPE331 Service and 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 program, contact your Texas Turbine Representative at 972-382-4402 or Honeywell at 800-601-3099.

### Honeywell Aerospace

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