



Thermal Systems

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News Release

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KELLY AEROSPACE ANNOUNCES ELECTRIC AIR CONDITIONING PROJECT FOR THE CESSNA 206

The long-awaited Kelly Thermacool electric air conditioning system for the Cessna 206/T206 will be demonstrated at the Kelly Aerospace Thermal Systems booth #189 at EAA AirVenture Oshkosh 2013. The system prototype is in its final stages of the certification process and is expected to receive FAA/STC certification in late August or early September 2013.

The retrofitable lightweight system uses the proven hermetically sealed electric motor/compressor technology currently certified by Kelly in the C172/182/350/400 series of Cessna models. Total installed weight with both forward and aft evaporators is approximately 60 pounds.

The 206/T206 installation has several operational and performance features not previously available. The popular 'overhead duct' system provides cooling air to all the passenger seats without any ducting obstructions on the floorboards which inhibit passenger and baggage loading. Also, a panel mounted evaporator provides an additional 150 cfm of conditioned air directly to the pilot and co-pilot. The 'set and forget' digital controller, easily accessible on the center console, allows precise settings of temperature and fan speeds.

The tailcone-mounted all-electric air conditioning system does not rob engine horsepower as it does with engine-driven compressors, and allows full conditioned air output on the ground with no operating limitations during taxi, take off, or landing....when you need it most.

The Kelly Thermacool system on the T206 is also Float Plane compatible allowing for the A/C installation on existing float-equipped 206's which was not formerly possible. Now 206 operators can enjoy BOTH floats and Air Conditioning, not just one or the other.

Kelly Aerospace, Inc, headquartered in Montgomery, Alabama, is a leading subsystem supplier to general aviation aftermarket customers. Kelly Aerospace manufactures and overhauls fuel system components, magnetos, engine ignition harnesses, as well as, air conditioning and deicing systems for general aviation aircraft which are installed by maintenance facilities worldwide, supported in the aftermarket through an extensive global distribution network, and backed by an industry leading "No-Hassle" warranty.