

Press Release

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Terrafugia, Inc. chooses Vertical Power VP-X for Transition® Development Vehicles

Albuquerque, NM — July 25, 2011 — Vertical Power announces that Terrafugia, Inc., developer of the Transition® Roadable Aircraft, or “Flying Car”, has chosen the Vertical Power VP-X Electronic Circuit Breaker System to manage and control the electrical system for its development aircraft. The VP-X provides the flexibility to enable the electrical system to operate efficiently both in the air and on the road.

The VP-X integrates with the Dynon SkyView EFIS, mounted in the center of the instrument panel. Pilots can monitor the status of individual devices and the entire electrical system right from the EFIS, and reset faults as well.

The VP-X replaces 80-year-old thermal breaker technology with modern solid-state Electronic Circuit Breakers (ECBs). ECBs can detect short circuits, over-current conditions, and open-circuit faults. ECBs are intelligent, configurable, and offer capabilities not otherwise available with old-style breakers. For example, ECBs can detect a burned out landing light or disable the starter circuit while the engine is running.

“Electronic Circuit Breakers allow us to easily control electrical devices without relays giving the Transition® flexibility to operate in both car and airplane modes, while saving weight and simplifying wiring,” said Samuel Schweighart, VP of Engineering. “We are leading the way in innovation for Light Sport Aircraft, and the Vertical Power VP-X is great example of using innovative technology to solve real-world design problems.”

“The VP-X is flexible enough to work with any type of aircraft, even those that can drive on the road,” said Marc Ausman, President of Vertical Power, Inc. “We’re glad to be working with Terrafugia to bring innovation to the Light Sport Aircraft market.”

About Vertical Power

Vertical power is in the business of designing and producing Electronic Circuit Breakers for experimental and light sport aircraft. The company is applying advanced solid-state electronics to reduce wiring complexity, simplify wiring installation, reduce pilot workload, and enhance a pilot’s ability to respond to in-flight emergencies.

Vertical Power is the first company to develop Electronic Circuit Breakers for the non-certified aircraft market. The company is based in Albuquerque, NM and sells its products directly to customers and through select dealers. Vertical Power was founded in June 2006. Multiple patents have been issued covering Vertical Power products.

About Terrafugia

Terrafugia (terra-FOO-gee-ah), based in Woburn, MA, is comprised of a team of award-winning engineers who have been advancing the state of personal aircraft since 2006. Founded by five pilots who are graduates of MIT and supported by a world-class network of advisors and private investors, Terrafugia's mission is the innovative expansion of personal mobility. "Terrafugia" is Latin for "escape from land."

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