



Issue 18 / Sep 2025

Murphy Aircraft

Monthly Newsletter

Murphy Rebel Reborn: Continental XO-340 Titan Drives 176-HP Performance

Gig Harbor, Washington, USA

Congratulations to Timothy Fiedler, the winner of our August Murphy Aircraft Around the World! Tim's Murphy Rebel is a standout example of how creativity and engineering can transform a classic kitplane into a true backcountry performer.

Tim began his search for the ultimate STOL aircraft years ago, eventually discovering a carefully crafted Rebel whose history stretches back to 1991. Instead of stopping with the aircraft's already-impressive workmanship, he set out to give it new life—upgrading nearly every system and creating what he calls a “super-STOL.”



The most striking change is under the cowl: a Continental XO-340 Titan engine producing 176 horsepower. Most Rebels fly happily with a 150-horsepower Lycoming O-320, but Tim wanted extra muscle for Idaho's high-density-altitude strips. The Titan delivers exceptional climb rates, shorter takeoff rolls (as little as 180 feet at full gross), and the flexibility to burn automotive fuel thanks to its low-compression design.



Tim's upgrades didn't stop there. The Rebel now features a custom Catto three-blade composite propeller, a modern Advanced Flight Systems panel with a 10" glass display, ADS-B In/Out, a fully coupled three-axis autopilot, and carefully tuned electric flaps and trim. The result is an aircraft that cruises at 125 mph, stalls near 31 knots, and offers comfort and capability for serious backcountry adventures.

“My goal in using the XO-340 Titan and Catto prop combination was to keep the completed aircraft as light as possible, maximize available power, and minimize the weight on the nose. The cost of all this fun was not my top consideration.” Tim says.

Tim's story shows that Murphy builders have choices beyond the traditional Lycoming route, and that the Continental Titan series is a proven alternative for pilots who want extra performance without sacrificing reliability.

 Read the full journey and photo gallery on our website - [Rebel Reborn: Timothy Fiedler's 176-HP Murphy Story](#)

Have a Murphy story of your own? [Submit it today!](#)

Murphy Aircraft Around the World: September's New Pins — Canada & Kenya!

Our global Murphy map keeps growing, and September brings two exciting additions:



Connect, Save, and Fly – Join the Murphy Owners Club Today!

The Murphy Owners Club is the easiest way to stay connected with fellow builders and pilots.

Membership Benefits:

- **Badge of Pride:** This exclusive badge reflects the number of Murphy Aircraft you've owned or built, highlighting your unique journey with us.
- **Exclusive Discounts:** Enjoy a 5% discount on all parts orders as our way of thanking you for your continued support and loyalty.

Whether you're finishing your first rivets or exploring remote strips in your completed aircraft, the Owners Club keeps you close to the Murphy family.

👉 Sign up today — it's free! [Join the Murphy Owners Club](#)



Murphy Aircraft Around the World



Lucky Winner : SebFR26 from Montélimar, France

Contact Us

Have questions, feedback, or just want to say hello? Our dedicated team is here to assist you. Reach out to us via phone, email, or visit our website for more information. Stay connected with Murphy Aircraft for all things aviation. Whether you are a seasoned pilot, an aspiring aviator, or simply fascinated by flight, we are here to fuel your passion for flying. Thank you for being a part of the Murphy Aircraft family. Together, let us soar to new heights!

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