

# The EZRG Kit



After over six years in the making the EZRG flew it's maiden voyage July 29th 1994. Three years of the overall project was spent on the retract landing gear. The primary design of the system is based on the Swing's well proven velocity RG system, with the retrofit design by Steve Drybread and Scott Swing.

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# About the EZRG Kit



The main gear retract system was primarily designed to be a retrofit for the Long EZ. There are a few special features to this system that set it apart from other available products. First of all, the original fixed gear - gear extrusions are used for mounting the new gear legs at the same location in the fuselage. Secondly, the weight gain for the components is only 15 pounds over the weight of the fixed gear. In addition, the entire system fits behind and under the back seat resulting in a small loss of room in the back seat area. Lastly, the entire system uses 5.00 X 5 tires and sacrifices only five gallons per side fuel loss.

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# Technical Specifications



The performance with the retract system is impressive. The speed gain is going to vary per airframe, but it should be worth about 6-9 knots with average fixed gear installation. The current numbers on the EZRG are top speed of 207 KIAS at 1,000 feet MSL at 59 degrees F. The true airspeed was 239 MPH. Cruise speed at 10,000 feet MSL 2550 RPM is 180 knots true. Climb is 2,000 FPM solo at 130 knots. Gear deployment speed max is 140 knots. The high altitude performance has been exceptional, with 500 FPM climb at 18,000 feet MSL and cruise of 190 knots at 2,650 RPM burning 5.2 GPH.

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# Ordering



The retrofit kits as per picture are available and will include the main gear legs, gear doors, gear wells, special over center device, hydraulic pump & cylinder, and special miscellaneous hardware. The kits are made to fit Long EZs or Cozys. Approximate cost is \$3,000. Complete installation of kit is also available. For more information or the \$25 video please email [Steve Drybread](mailto:Steve.Drybread@ezrg.com) or call 1-317-250-4391.

**\* Also available for consulting and/or building all canard type airframes specializing in EZRGs and Berkuts.**

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