

**ElectriFly™**  
By Great Planes®

**“Sparking Innovations  
in Electric Flight.”™**

# **RIOT™ 3D**

Micro 3D ARF



## **The micro aerobat with major attitude!**



In addition to the plane's precise preassembly, you'll also appreciate how expertly the film is applied.



The Riot 3D requires a brushless out-runner motor like the ElectriFly Rimfire 28-22-1380kV shown here. It's easy to install and delivers excellent power and flight performance.



“Our Riot 3D is the perfect size to throw in your car for spur-of-the-moment flying.”

*Don Anderson*  
Don Anderson,  
President and Founder  
Great Planes  
Model Manufacturing

**H**one your aerobatic skills indoors and out with the all-wood Riot 3D – an ARF electric whose compact size, innovative design and wide flight envelope suit it equally well for parks, arenas and flying fields. There's plenty to appreciate: 4 linked ailerons for super roll rates and control at all flying speeds; oversized rudder and elevators for excellent pitch and yaw authority; and outstanding power and flight performance when equipped with an easy-to-install brushless out-runner motor.

- *Made of top-grade, laser-cut woods and covered in quality heat-shrink film, so box-to-flight line time is just 4-6 hours.*
- *Once piece construction, sized for easy transport.*
- *Available in solid white or transparent yellow, with your choice of four included decal sets to create your own distinctive look.*
- *Formed wire landing gear, wheel pants and a complete package of Great Planes hardware are included.*

For more information or the location of the dealer nearest you, visit [www.electrifly.com](http://www.electrifly.com) or call 1-800-682-8948 and mention code number 99T34.



The Riot 3D ARF is also available in transparent yellow. GPMA1571

**GPMA1570 (White)**  
Wingspan: 20.5 in (515 mm)  
Wing Area: 235 in<sup>2</sup> (15.2 dm<sup>2</sup>)  
Weight: 7.4 oz (210-225 g)  
Wing Loading: 4.5-4.9 oz/ft<sup>2</sup>  
(14-15 g/dm<sup>2</sup>)  
Length: 22.8 in (580 mm)  
Requires: 4-channel radio w/3 micro servos, micro receiver, 8A micro brushless ESC, Slo-Flyer propeller, 350-640mAh 3-cell LiPo battery w/charger



Can Diameter: 28 mm  
Can Length: 22 mm  
kV Rating: 1380  
Weight: 27 g

## RIMFIRE™ 28-22-1380 Brushless Motor

Rimfire motors have revolutionized out-runner motor technology. The combination of superior performance and a competitive price makes this power plant a great value. Engineered for explosive acceleration and maximum torque, the Rimfire's lightened aluminum motor can house high-torque, "rare-earth" Neodymium magnets. Dependable and virtually maintenance-free, there are no comms or brushes to worry about, and bearings are double-shielded. Better cooling means 50% more power than many other out-runners of similar size. The Rimfire 28-22-1380 is ready to install, with prop adapter, motor mount, hardware — and gold-plated connectors compatible with all ElectriFly brushless ESCs. GPMG4505



## POLYCHARGE4™ FOUR-OUTPUT LITHIUM-POLYMER CHARGER

- *Independently charges up to four lithium-polymer batteries at once!*

It's like having 4 chargers in one! Each of the PolyCharge4's four independent outputs can charge a 1-4 cell LiPo pack — saving time and the expense and hassle of using multiple chargers. Each output can handle packs from 300 to 3000mAh. Set the capacity — and PolyCharge4 will automatically set the charge rate to get you started. Light and sound cues tell you when your pack is done, and also provide warnings for improper input voltage, output reverse polarity and more. A cooling fan is built-in to keep operating temperatures down. 1-year warranty. GPM3015



## SS8 Silver Series Brushless 8A ESC

The SS8 brushless 8A ESC offers fully proportional forward operation, low-voltage cutoff to reserve control power for safe landings, and compatibility with LiPo, NiCd and NiMH batteries. Plus, it's engineered to make the benefits of brushless technology easy and economical — it auto-detects input volts/battery type and automatically sets the low voltage cutoff! It features smooth throttle response with on/off brake, Safe Start System, BEC and thermal protection. 180-day warranty. GPM1800



## Lithium Polymer Battery Packs

Lithium Polymer chemistry offers even more power and longer flight times than NiCds or NiMH cells — the highest energy-density cells available. Higher nominal voltage per cell means fewer cells are needed, and each cell is housed in a soft, thin foil-like wrap (instead of a metal can). ElectriFly packs feature innovative SafeCharge™ circuitry that monitors and limits charge voltage and prevents overcharging. In addition, ElectriFly LiPo packs include separate charge and discharge leads for safety and convenience. And since they're high-discharge cells, they're great in high-drain applications. A charger specifically designed for lithium-polymer cells is required.

GPM0801 11.1V 350mAh 20C 2-Pin

GPM0805 11.1V 640mAh 15C 2-Pin