

*"The Modeler's Choice in  
R/C Aircraft and Accessories."*

# RV-4

ALMOST READY-TO-FLY .60 - .91  
GLOW / EP SPORT SCALE MODEL



## A 1/4 SCALE MODEL FOR GLOW OR ELECTRIC POWER.

A favorite for recreation and cross-country travel, the full-size RV-4 is the most popular homebuilt in the world. This IMAA-legal, 1/4 scale model likewise earns high marks for versatility — offering a realistic flight envelope whether you install a glow engine or electric brushless motor system (see back for recommendations).

- An ideal first 1/4 scale model — and for learning how to fly with flaps.
- Assembles in as little as 20 hours, from factory-built and covered balsa/ply main structures and high-quality fiberglass parts.
- Includes an aluminum spinner, durable formed aluminum landing gear and high-quality Great Planes brand hardware.



The RV-4 ARF's cockpit includes a rollover bar and an instrument panel whose gauges appear realistically recessed — an effect gained by placing the instrument panel decal behind the laser-cut dashboard.



In addition to being an excellent first large-scale model, the RV-4 ARF is a fine choice for learning to add flaps to your control options. They aren't required for flight but can be used to slow the model for easier landings.

EXPERTLY COVERED WITH

**TOP FLITE**  
**MONOKOTE**

**IMAA**  
**LEGAL**



*"Whether you prefer flying with electric or glow power, our 1/4 scale RV-4 ARF is an excellent choice. Whichever you install, you'll enjoy the same outstanding performance."*

*Don Anderson*  
President and Founder  
Great Planes Model Manufacturing

**GPMA1357** • Wingspan: 70 in (1780 mm) • Wing Area: 1036 in<sup>2</sup> (67 dm<sup>2</sup>) • Weight: 9.5 - 11.5 lb (4310 - 5217 g)  
Wing Loading: 21 - 26 oz/ft<sup>2</sup> (64 - 78 g/dm<sup>2</sup>) • Length: 63 in (1600 mm) • Radio Required: 5-channel with 7 servos  
**Glow Power Option** • Engine Required: 2-stroke .61 - .75 cu in (10 - 12 cc) or 4-stroke .91 (15 cc)  
**Electric Power Option** • Motor Recommended: ElectricFly™ RimFire™ C50-65-450 (GPMG4770) • 80 Amp ESC • Battery  
Recommended: 6S1P 3200 mAh LiPo battery or 12V 3600 NiMH battery  
Pilot figure not included.

For more information and the location of the dealer nearest you, please visit [www.greatplanes.com](http://www.greatplanes.com) or call 1-800-682-8948 and mention code number 99A35.



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Despite its 1/4 scale dimensions, the RV-4 ARF is also designed for convenient transport. Its wing halves detach easily for fitting the model into your vehicle. At the field, the halves plug quickly and securely onto aluminum joiner tubes. The removable radio compartment hatch allows for easy access when installing the wing bolts.



Flown with the recommended glow engines or electric brushless motor systems, this ARF recreates the flight characteristics of the full-size home-built. An O.S. FS-91 Surpass II glow engine offers excellent fuel economy and scale-like sound. The *ElectriFly™ RimFire™* 50-65-450 brushless motor delivers performance comparable to a .91 glow engine.



## PROVEN POWER OPTIONS FOR RV-4 OWNERS.

### FS-91 Surpass™ II

It's the power that lasts! CAD-assisted engineering and CNC-machined parts ensure the FS-91 Surpass II's fit and finish...a permanently lubricated, rubber-sealed rear bearing and corrosion-resistant plating on the crankshaft, camshaft and piston help minimize wear and maximize performance. Bolt in this powerhouse, and a large-scale plane can go from a short roll-out to rocketing vertical to out-of-sight in the span of a few seconds. And along with the power you'll enjoy improved fuel economy and a mellow, scale-like sound. The needle valve and mixture control screw are on the same side of a reversible carb to offer maximum installation and access ease.

OSMG0896 • Displacement: 0.91 cu in • Practical rpm: 2,000-12,000 • Output: 1.6 hp @ 11,000 rpm  
Weight w/Muffler: 24.5 oz • Includes: glow plug, muffler, header,  
60P Carb • Requires: prop and glow fuel w/5-15% nitro and 18% oil content

[www.os-engines.com](http://www.os-engines.com)

### 50-65-450 Brushless Out-Runner Motor

ElectriFly™ RimFire™ brushless motors are designed and produced with high quality, power, precision and efficiency in mind. The out-runner design eliminates the need for an external gear drive for many applications, reducing cost, all-up weight and complexity.

- Exceptionally high power-to-weight ratio.
- Maximum rated efficiency of 89%.
- Extremely powerful neodymium "rare earth" magnets for high output torque.
- Dual shielded ball bearings for virtually maintenance-free reliability



### RIMFIRE™

**ElectriFly™**  
By Great Planes®



GPMG4770

### RECOMMENDED BRUSHLESS SYSTEM COMPONENTS:

GPMG1260 Great Planes Brushless Motor Mount, Large Motors  
GPM1860 ElectriFly Silver Series 80A Brushless Electronic Speed Control  
GPMPO623 ElectriFly Power Series 11.1V 3200mAh LiPo Battery (x 2)

GPM3143 ElectriFly Series Adapter (1 Deans male)  
Propeller — APC 16x8 E or 16x6 Standard Prop.

[www.electrifly.com](http://www.electrifly.com)