

YAK 54 3D ARF

E PERFORMANCE SERIES

ELECTRIC SPORT-SCALE ARF



3D ACTION ON DEMAND!

The origins of A. S. Yakovlev's full-size YAK 54 stretch back to WWII Russian fighters that helped to break the Luftwaffe. Winning performance is in its genes — and they shine once again in this all-wood park flyer 3D ARF. Using today's finest electric model engineering, it succeeds at any 3D maneuver... anytime, anywhere!

- **Performs demanding precision and 3D aerobatics as well as larger models — at smaller sites, like parks and ball fields.**
- **Assembles quickly from prebuilt structures of laser-cut balsa and ply.**
- **Includes a complete hardware package designed specifically for E-Performance aircraft.**

3
INTERMEDIATE
SKILL LEVEL

4-6
HOURS
ASSEMBLY

4+
CHANNEL

AMMO
IN-RUNNER

PRIMETRE
OUT-RUNNER



Rudder and elevator control surfaces, like the ailerons, are also oversized. They provide the E-Performance YAK 54 ARF with impressive pitch and yaw authority — giving the experienced and confident low-wing pilot the right tools for Walls, Parachutes, Blenders, and any other 3D maneuver imaginable.



Oversized ailerons provide impressive roll rates and superior control at all flying speeds. With reduced control throws, the YAK 54 is easy to fly. Maximize throws and it's 3D wild — ideal for parks and other small sites.

GPMA1542
WINGSPAN: 41 in (1040 mm)
WING AREA: 356 in² (23 dm²)
WEIGHT: 24-27 oz (680-765 g)
WING LOADING: 9.7-10.9 oz/ft² (30-33 g/dm²)
FUSELAGE LENGTH: 38 in (960 mm)
REQUIRES: 4-channel radio with 4 micro servos; RimFire™ 35-30-950 out-runner (GPMG4590) or Ammo™ 24-33-4040 in-runner (GPMG5165) brushless motor; 24 mm gear drive with 4.5:1 gear ratio (GPMG0505); 25 amp brushless ESC (GPMG1820); 3-cell 1250-2100mAh LiPo battery; and LiPo-compatible charger.



Easy to install, powerful brushless motors give the E-Performance YAK 54 ARF outstanding 3D flight performance. The model includes the hardware needed for mounting either an out-runner motor, like the ElectriFly Rimfire 35-30-950 (GPMG4590), or an in-runner motor such as the ElectriFly Ammo 24-33-4040 (GPMG5165).



Magnetic latches on the cowl and battery hatch eliminate the need for screw fasteners — producing cleaner looks and improving aerodynamics. The magnets hold firmly in place during flight, but release quickly and easily for motor checks and LiPo pack changes.



Great Planes designed the YAK 54 ARF specifically for superior 3D performance — with over a year spent in development. Easy to assemble, its strong, built-up wood airframe features carbon-fiber reinforced spars and is factory-covered in a lightweight, repairable film.

Perfect performance accessories for the YAK 54 3D EP ARF

ElectriFly Brushless Motors

Compared to brushed motors, ElectriFly brushless motors offer twice the efficiency, better power-to-weight ratios and longer lives with virtually no maintenance work. Manufactured with lightweight aluminum cans, Neodymium magnets and double-shielded bearings, they arrive ready for installation. Both include gold-plated connectors compatible with performance-matched ElectriFly brushless ESCs.



RIMFIRE™ 35-30-950

The perfect out-runner

With a RimFire out-runner, enjoying superb acceleration and all-out power is simplicity itself. Most applications won't need a gear drive. That means less cost, less work and less weight — and that means more power left for performance. Its innovative housing cools better, allowing a RimFire motor to deliver 50% more power than comparably sized motors. Requires prop. Includes prop adapter, motor mount and hardware. **GPMG4590**



AMMO™ 24-33-4040

The ideal in-runner

For maximum efficiency and performance in flight, the hands-down choice is an Ammo in-runner. It's drop in-compatible with ElectriFly motor mounts, and great whether it's used in direct-drive application or in combination with a matched Ammo gear drive. Requires a motor mount*, prop and adapter**. **GPMG5165**



GPMG0505 24 mm Ammo Gear Drive

* = Included with the YAK 54 3D EP ARF. ** = Included with Ammo gear drive.

SILVER SERIES™ SS-25 Brushless ESC

All play — no work.

Smoothly proportional, ideal for 3D flight, the SS-25 delivers crisp, immediate control and on-/off-/brake in a 0.92 oz. (26 g) package. Hook it up and set-up is done. It automatically adapts to 7.2V-14.8V power and NiCd, NiMH or LiPo packs and matches the voltage cut-off to pack chemistry. And since a Deans® Ultra™ Plug, universal radio and gold-plated female bullet connectors are already attached, hook-up takes only seconds. A hefty 5V/2A BEC ensures enough power for digital servo use or extra-servo set-ups. **GPM1820**



POWER SERIES™ Balanced 11.1V 2100mAh LiPo Pack

Maximum power from every charge!

Combine this Power Series balanced pack with the Equinox™ LiPo Cell Balancer and performance potential increases dramatically. The Equinox balances (equalizes) the voltage of all cells in a pack, and keeps them balanced to within a few millivolts. It works great as a stand-alone discharger. But hook it up between a Power Series pack and a LiPo Charger, and it helps the pack reach its full power potential of 4.2V per cell. More power in each cell means more power in the pack and more performance for the pilot. Lighter than either NiCd or NiMH packs, Power Series packs also have a continuous discharge rate of 20C and a burst (30-second) rate of 30C — keys to instant, all-out acceleration and spectacular stunts. Pack includes a special balancing plug and a Deans® Ultra™ Plug. Pack Weight: 6.14 oz (174 g) Note: Power Series packs are wired in series and for balancing.



- GPM0617** LiPo 11.1V 2100mAh Deans Ultra
- GPM3160** Equinox LiPo Cell Balancer
- GPM3015** PolyCharge4 LiPo Charger