



Jeff Troy with
Brandon Wright

Flight Report

Hangar 9-Carden Edition YAK 54

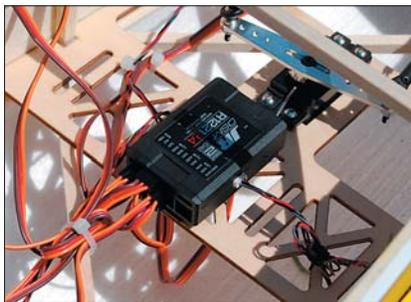
Two industry powerhouses team up for an 89-inch giant. Here's the conclusion.

The Hangar 9-Carden Edition YAK 54, exclusively distributed through Horizon Hobby, presents advanced RC pilots with a relatively quick-and-easy build, thoroughly organized engine and RC installations, and an unquestionably superior, large scale vehicle for precision aerobatics and 3D flight.

I covered the model's assembly, along with the engine and RC installs, in the April and May issues. I enlisted my friend and *HM* contributor Brandon Wright for the flying portion, since he is much more experienced with large, 3D aerobatic aircraft than I. Brandon finished the plumbing and electronic ignition hookup for the big Evolution 50GX gasoline engine, and the big YAK 54 was soon read to fly. So here's Brandon:

"The easy-starting Evolution 50 on a 23-8 XOAR wooden propeller has plenty of power for this airframe size and weight.

I flew the YAK from the private grass field behind my fabrication shop, and it gets off the ground in a hurry with a smooth rollout and a solid, stable climb.



JR R1221 receiver and its three remote receivers assure glitch-free operation at any attitude. Huge cowl has ample room for Evolution 50GX gasoline engine.



"After a trim beep or two on my JR 12X transmitter, it was easy to see that the YAK has a natural feel precision and 3D flight. It's super smooth and very predictable, and although it was fairly windy on the test day, the 54 flew perfectly with no problems whatsoever.

"The YAK is a great 3D performer. The Evolution

50GX and Pitts-style muffler have plenty of power for hover and pullout, and I really like the way the YAK handles hovering maneuvers in wind. Despite its huge mass, the YAK 54 flies 3D like a giant foamy and gives you precision aerobatics on rails."

The Hangar 9-Carden Edition 89-inch YAK 54 is a great choice for getting into the 50cc airframe class. **HM**



Specifications

- Wingspan: 89 inches
- Area: 1,434 square inches
- Length: 84 inches
- Weight: 16.75 – 18.5 pounds
- Engine: 45 – 60cc gasoline
- RC: 4-or-more-channel system with six 100-ounce-minimum servos

ARF Features

- Factory-built airframe components
- Factory covered in UltraCote
- Factory-painted main landing gear, fiberglass cowl and wheel pants
- Hardware and fastener packages
- Control horns, rods and linkage
- 36-page assembly manual



Brandon Wright puts the big YAK 54 to the test from the private airfield behind his shop. "The Evolution 50GX has plenty of power for this airframe size and weight. The 89-inch Hangar 9-Carden Edition YAK 54 flies 3D like a giant foamy, and gives you precision aerobatics on rails."