



At Precision Aerobatics, we developed the Ultimate AMR to deliver an aircraft unlike any other. Using advanced production techniques, including our revolutionary PA FiberFusion® construction, we created an airframe that is exceptionally light yet extremely strong.

Strategic carbon fiber reinforcement and meticulous weight reduction make **the Ultimate AMR 60 the lightest biplane in its class**, with very low wing loading and outstanding flying characteristics.

Through extensive flight testing, we evaluated numerous equipment combinations and identified a direct link between the drive system and overall performance. To ensure the aircraft flies exactly as intended by our designer and test pilots, we developed our Integrated Performance Airframe-Drive Systems® (iPAs®).

**iPAs Set up
when performance matter!**

Each iPAs component has been selected based on extensive flight testing to ensure optimum performance, reliability, and handling, with many parts designed or modified specifically for the Ultimate AMR.

All demonstration videos found on our site feature aircraft equipped with an iPAs® setup.

Deviating from these recommendations may result in reduced performance and altered flight characteristics.

The Ultimate AMR is designed to deliver maximum performance without oversized, expensive power systems. Our recommended iPAs setup gives you strong, efficient power, long flight duration, and a perfectly balanced feel. It's lighter, more responsive, and easier on batteries and electronics than typical setups in this class. If you want the aircraft to fly exactly as intended — this is the system to run.

visit PrecisionAerobatics.com for more information

Specifications

Wing span - 52"/1320mm **Length** - 56"/1421mm **Wing loading** - approx 12.4oz sq ft!
Wing area - 900 sq inch **Flight weight (inc battery)** ~ 77.6oz / 4.85 Lbs / 2200gr

Motor	<p>PA Thrust 60 Rev0, 24-pole Outrunner with Rotorkool® Technology 213g brushless motor PA Item #AC-1887 with Carbon Fiber X mount.</p> <p><i>Using a motor larger or more powerful than specified may damage the motor box or result in airframe failure.</i></p>
ESC	PA Quantum 80A Evo ESC PA Item #AC-2190Evo
Battery	PA Gen2 LiPo 6S pack 22.2v 2600mAh 30-60C PA Item #AC-2359
Servos	4 of Nexatec NXT 200HV servo PA Item #AC-2377-4
Propeller	<p>Vox 16x7 Propeller PA item # AC-2116</p> <p>This propeller produces maximum propwash, delivering exceptional control in slow 3D and rolling harriers. It's an excellent all-around choice, offering outstanding 3D stability and is highly capable in high-energy maneuvers</p>
Radio	6 channel lightweight receiver
Carbon Fiber Spinner	<p>PA 2.17" Ultimate Style CF Spinner (CNC Machined) PA Item # AC-2219</p> <p>Factory pre-cut, this ultra-lightweight carbon fiber spinner features a premium high-gloss finish. Each unit is individually tested in-house to guarantee it spins centered and true for vibration-free performance.</p>
Carbon Fiber Vortex Gen	<p>AMR 60 Carbon Fiber Vortex Generators PA Item # AC-2344</p> <p>These CNC-machined VGs complete the Ultimate AMR 60 aerodynamic profile, providing a more "locked-in" feel. They are essential for maximizing stability in slow, high-alpha 3D flight and improving precision during Knife Edge tracking.</p>
Carbon Fiber Servo Arms	<p>PA Carbon Fiber Servo Arms (# AC-2347)</p> <p>These CNC-machined lightweight arms are essential for achieving the perfect geometry and full control throws required for 3D flight.</p>

