

JULY
2025

ROTORTALES OF THE

Hummingbird Helicopter



WWW.SALES@VERTICAL-AVIATION.COM

Exciting Opportunity: Delivery Positions Now Available!



We’re excited to announce that delivery positions are now open for the Hummingbird Helicopter—and inventory is ready and waiting!

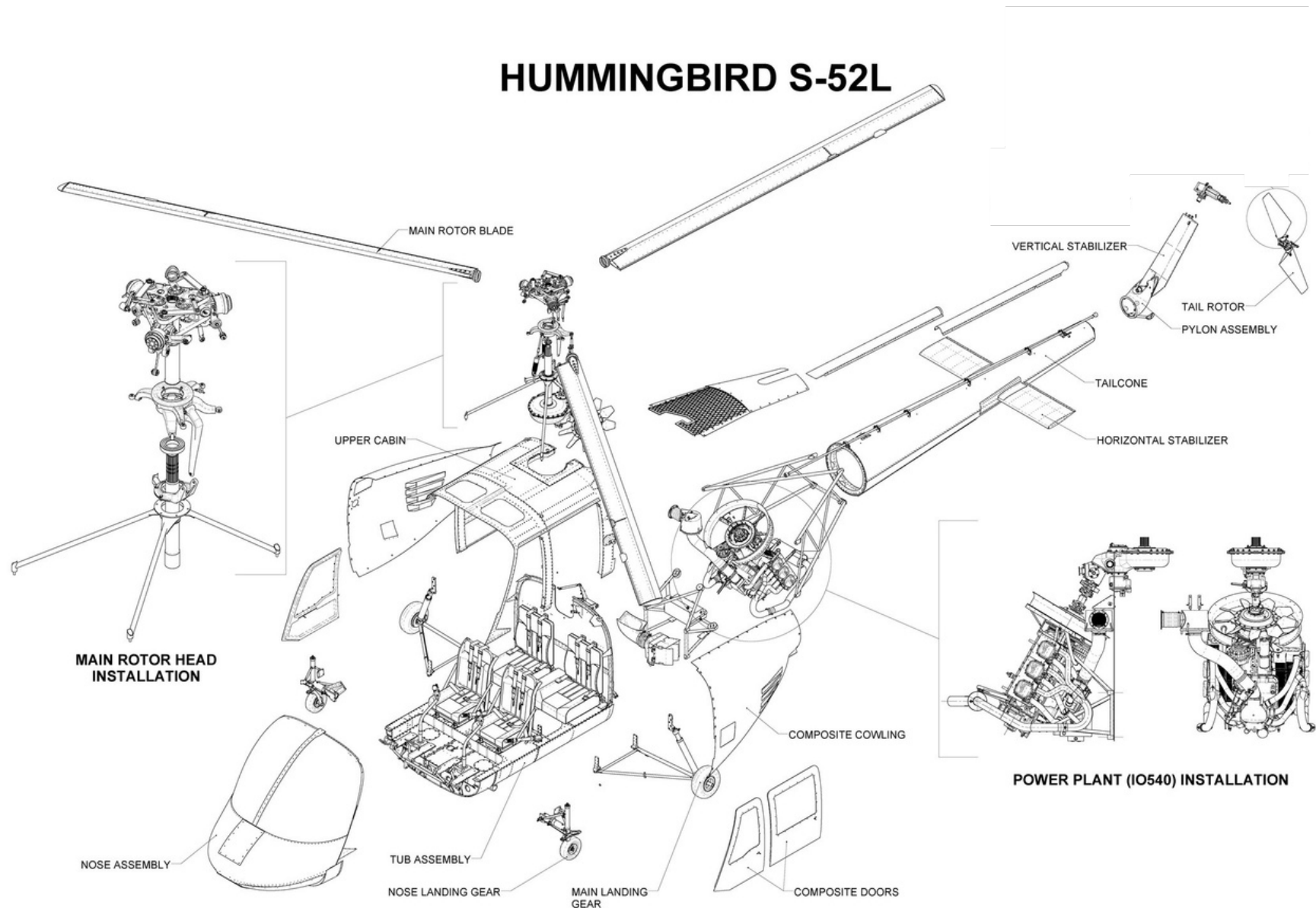
If you've been thinking about placing an order, now is the perfect time. With parts in stock, you can enjoy fast and efficient delivery.

Don’t miss this chance to take the next step toward owning your Hummingbird Helicopter.

 **Call us today to get started and secure your delivery spot!**

The Hummingbird Five-Stage Purchasing Program is Back!

We’re pleased to reintroduce our popular Five-Stage Purchasing Program—designed to give builders more flexibility and control throughout their Hummingbird project. You can begin with Stage One and purchase the remaining stages as you progress. This phased approach helps you manage your build timeline and budget with confidence.



GROUP I

All Documentation - Instruction manual, drawings, illustrated parts manuals, maintenance and flight manuals.

Lower Cabin/Airframe - Prebent angles, preformed bulkheads/ribs, pilot drilled skins, castings.

Upper Cabin/Airframe -Preformed ribs/firewall assembled with skins. Hardpoints and skins preassembled and riveted in place.

Landing Gear – Main and nose wheel/brake assemblies, oleo struts front and rear, 4130 chrome-molly steel weld assemblies, all castings.

Nose and Windshield -Windshield and composite nose, chin windows, preformed ribs/bulkheads, instrument panel section, composite doors.

Tail Cone -Tail cone, 4130 chrome-molly steel tail cone support, castings, stabilizers.

Hardware kit - Bolts, nuts, nutplates, rivets, screws, washers, etc., are included in the kit.

GROUP II

Tail Rotor -Tail gearbox, Intermediate gearbox, pylon casting, carbon fiber tail blades preassembled to hub painted and balanced, driveshaft, spline couplings, tail skid, control rods.

Main Rotor -Main rotor head, 4130 chrome-molly steel pylon, main shaft, castings, bearings, swash plate components, main gearbox, tail driveshaft with bearings, spline couplings, support brackets.

Hardware kit - Bolts, nuts, nutplates, rivets, screws, washers, etc., are included in the kit.

GROUP III

Flight Control -Dual cyclic, dual collective, and dual pedal controls, mixing unit, tail cables, vibration dampers, brake cylinders and lines, control rods, rotorbrake, electric trim.

Fuel System -57 gallon aircraft bladder tank, gaskets, filler neck, covers, sump assembly, fuel Strainer.

Hardware kit - Bolts, nuts, nutplates, rivets, screws, washers, etc., are included in the kit.

GROUP VI

Engine Accessories - 4130 Chrome-molly steel engine mount, elastomeric lord mounts, engine cooling fan, oil cooler and composite adaptors, oil tank and mounts, dual exhaust with mufflers, driveshafting, flywheel, clutch and freewheel unit, air filter, electric fuel pump, fuel hoses and fittings, oil hoses and fittings. Everything required to install the IO-540 powerplant.

Electrical and Instruments - Control cables, magneto Pickup for Bendix Magneto, Tach Generator, Dual Elect Tach, Tach Generator Emulator.

Hardware kit - Bolts, nuts, nutplates, rivets, screws, washers, etc., are included in the kit.

GROUP V

Seat -Composite seats.

Cowling -Composite engine cowling, ribs and brackets.

Main Rotor Blades -Three blades preassembled, painted and balanced.

Hardware kit - Bolts, nuts, nutplates, rivets, screws, washers, etc., are included in the kit.

Contact Us for Program Details & Current Pricing

The following items are not included; engine, instruments, paint, upholstery, battery, crating and freight.
(Specification and Pricing Subject To Change Without Notice.)

Proud Owners



Captured moments after a successful demo flight, the Hummingbird 300L touches down smoothly in Melbourne, Australia. The aircraft showcased exceptional handling, stability, and responsiveness—leaving a strong impression on everyone in attendance.



Another Hummingbird takes to the skies!
Congratulations to Steve Leppin on the successful build of his Hummingbird helicopter. Steve, based in Milan, Missouri, had his aircraft officially licensed just last month by Vic Syracuse—a fellow Hummingbird builder and DAR. Well done, Steve!



Thor McIlrath, another dedicated Hummingbird builder, is making great progress on a beautiful helicopter. Thor is located north of Seattle, in Arlington, Washington. We’re excited to see his project take shape!



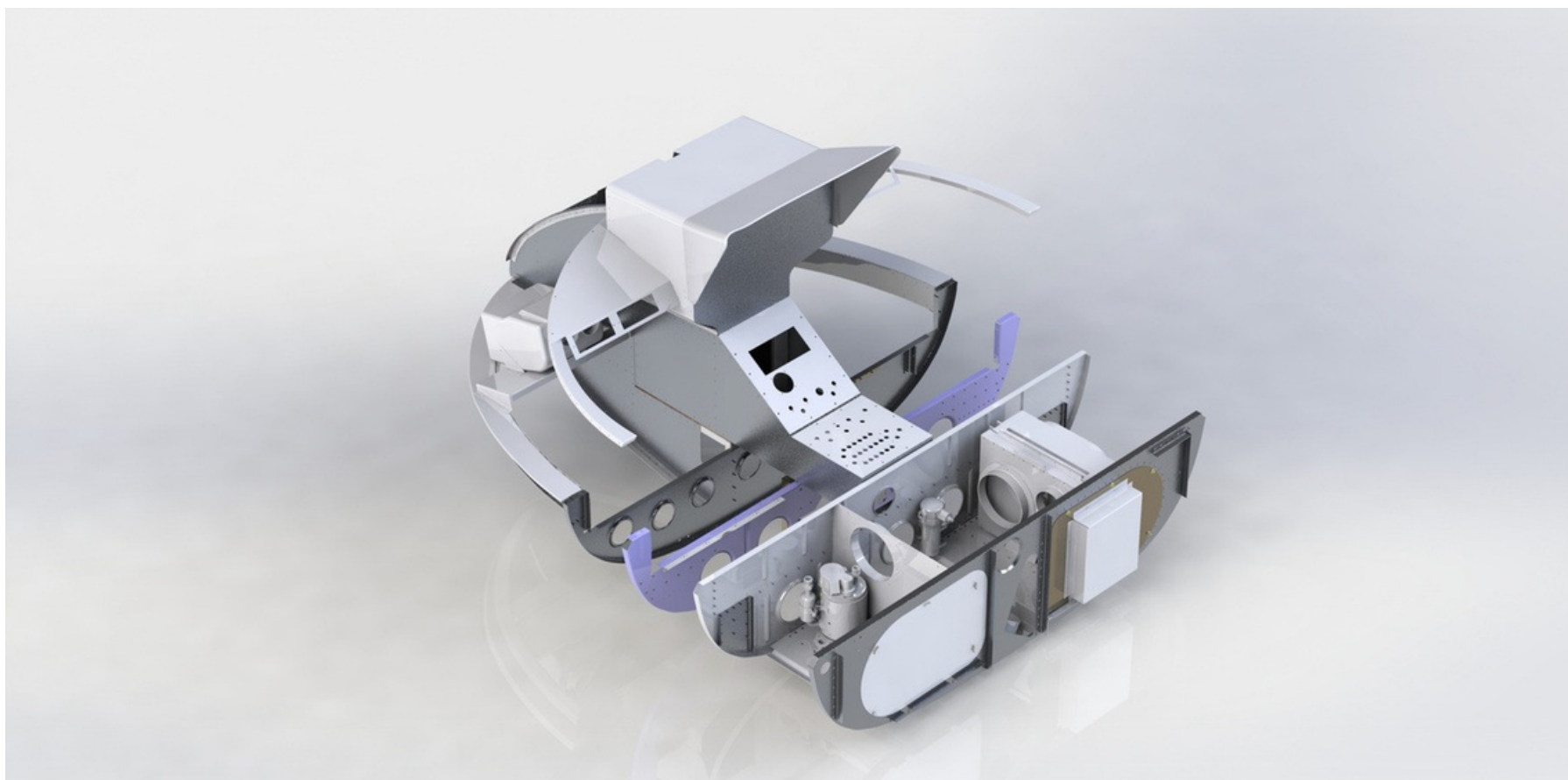
We’re thrilled to celebrate Mark Allen’s achievement in completing his Hummingbird helicopter build. Mark recently received the airworthiness certificate, officially clearing his helicopter for flight—a major milestone and testament to his dedication and craftsmanship. Mark’s Hummingbird is now ready to take to the skies, marking the beginning of many exciting adventures ahead. We congratulate Mark on this impressive accomplishment and wish him safe and enjoyable flying. Mark is based in Houston, Texas. "Photos of the completed helicopter will be available soon—stay tuned!"



Our customer Clinton Chitwood and his son Hunter, from Nashville, Indiana, are embarking on an exhilarating journey as they begin building their very own Hummingbird helicopter — a feat that showcases not only their dedication but also their passion for aviation. As they share this incredible experience through their YouTube videos, we invite you to join them on this adventure and celebrate the joy of aviation together with a community of fellow enthusiasts. The building process is remarkably clean and professional, reflecting the high standards of craftsmanship that Vertical Aviation is known for. With the user-friendly assembly of the Hummingbird helicopter kit, builders have the freedom to express their individual creativity while constructing a masterpiece in the sky. So, why not consider your own journey with Vertical Aviation? You, too, can experience the thrill of personalized aviation and the satisfaction of bringing your dreams to life!

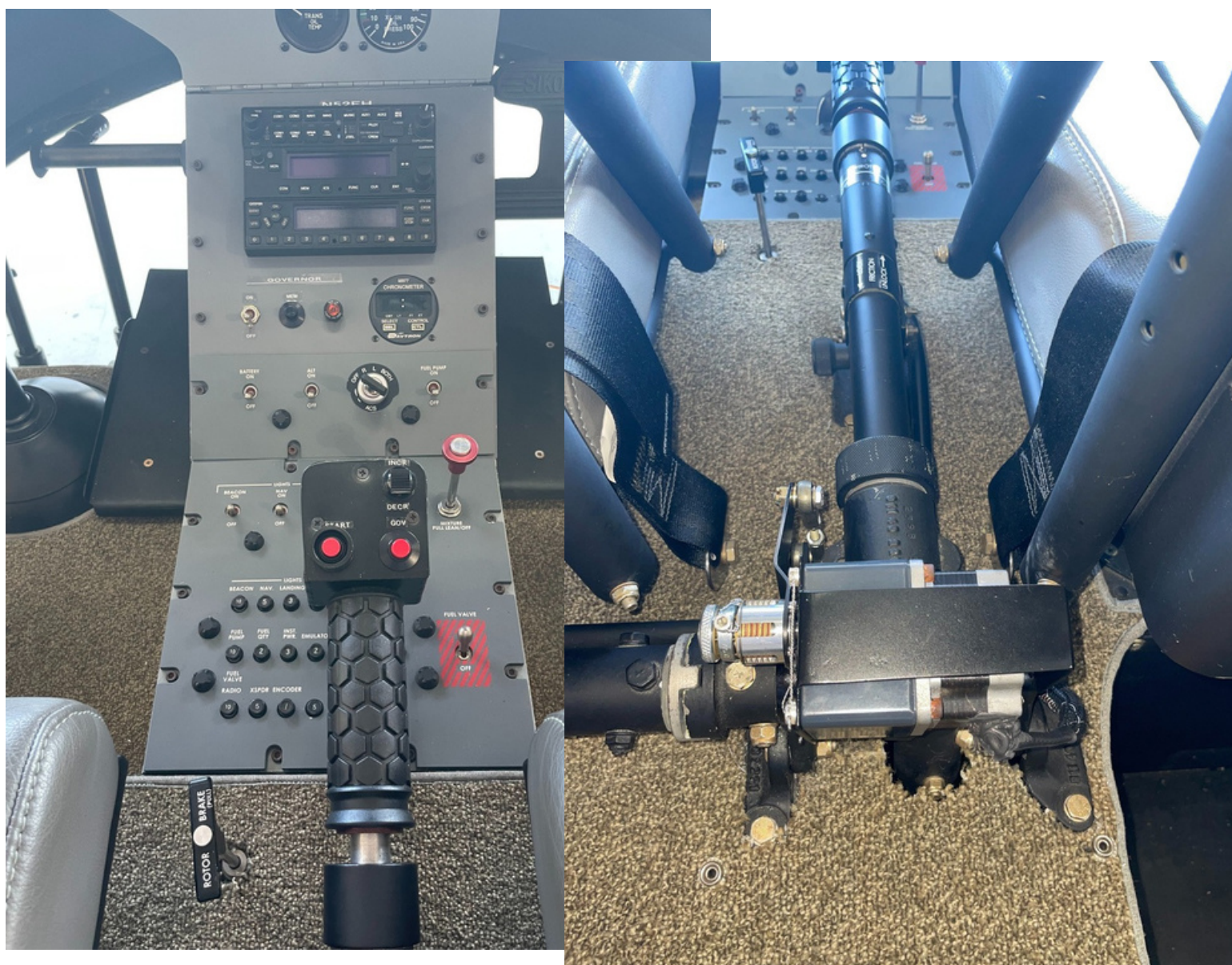
Electronic Air Conditioning System

For those looking to add comfort to their Hummingbird, our electronic air conditioning system has been available for several months and continues to be a popular upgrade. Designed with performance and reliability in mind, it's a great addition for year-round flying comfort. For more details or questions, feel free to contact us at Sales@vertical-aviation.com.



Throttle Governor

We're excited to offer our new electronic throttle governor—designed to provide smooth, precise throttle control for your Hummingbird helicopter. This upgrade reduces pilot workload, especially during takeoff and landing. For more information or questions, feel free to contact us at Sales@vertical-aviation.com.



Kazakhstan

We are now packing the next kit going to Kazakhstan. Parts are laid out prior to packing for final inspection. Crates are loaded so no damage is done to the parts that are being shipped.



High-Quality Parts You Can Trust



We continue to provide high-quality components designed specifically for the Hummingbird helicopter. From precision-machined parts to reliable systems and accessories, every piece is built to meet the highest standards of safety and performance.

Looking for a specific part or upgrade? We're here to help!

President Say



Over the past 38 years of sharing the joy of Hummingbirds with all of you, we've built quite the flock of enthusiastic aviators! We truly appreciate your interest and patience, even if I may have missed a few messages along the way—sometimes I feel like I'm flying in circles! Please don't hesitate to reach out with any questions or curiosities you might have; I'm here to help you soar! You can contact me directly at Brad@vertical-aviation.com. Remember, in the world of aviation, there are no silly questions—just missed takeoffs! Your journey is important to us, and we're committed to ensuring safety and quality craftsmanship every step of the way.

Continues to Make the Best Better



Vertical Aviation Technologies, Inc.

1609 Hangar Road
Sanford, FL 32773
Located at the Orlando-Sanford International Airport

Phone: 407-322-9488
Email: sales@vertical-aviation.com

CERTIFIED DESIGN AT A HOMEBUILT PRICE

Vertical Aviation Technologies, Inc., located in Sanford, Florida, is the manufacturer of the Hummingbird helicopter. The company was founded by Bradley G. Clark in 1987. We have sold over 350 helicopters worldwide from commercial helicopter operators to governments. Currently, Vertical Aviation Technologies, Inc. produces the Hummingbird S-52 series helicopters.

