



SEPTEMBER
2026

BUILD • FLY • ENJOY

ROTOR TALES

THE OFFICIAL NEWSLETTER OF HUMMINGBIRD HELICOPTERS

BUILT AROUND THE WAY YOU BUILD.

Two smart options that
fit your goals, your timeline,
and your budget.



01



QUICKBUILD OPTION

Factory-built fuselage and tail cone.
Professionally assembled. Ready for
the next stages of your helicopter build.

02



FIVE-STAGE PURCHASING PROGRAM

Spread your investment over five stages
and receive components as you need them.
A smarter way to build.



JOIN A WORLDWIDE
COMMUNITY
of Hummingbird builders.



SUPPORT THAT BUILDS
CONFIDENCE
Expert support every
step of the way.



YOUR DREAM. OUR PASSION.
Together, we build more
than helicopters—
we build adventures.

Your Helicopter. Your Timeline. Your Choice.

Building a Hummingbird helicopter has never been more flexible. Whether your priority is saving hundreds of hours of construction time or managing your investment through a staged purchasing plan, we offer options that help make helicopter ownership more accessible than ever. Discover how our Quickbuild Option and Five-Stage Purchasing Program can help you achieve your aviation goals on your terms.

Build Faster, Fly Sooner



For many helicopter enthusiasts, building an aircraft is one of the most rewarding parts of ownership. But for those who want to spend less time in the workshop and more time preparing for flight, the Hummingbird Quickbuild Option offers the perfect solution.

When you purchase the Quickbuild Option, you receive a factory-built fuselage and tail cone assembly, providing a substantial head start on your helicopter project. Our experienced technicians complete the fabrication, assembly, and riveting of the entire sheet metal structure, ensuring that critical components are professionally built and aligned before they arrive at your shop.

Your Quickbuild assembly includes:

- Lower Cabin
- Upper Cabin
- Firewall
- Nose Section
- Windshields
- Chin Windows
- Center Console
- Instrument Panel
- Tail Cone
- Tail Stabilizers
- Landing Gear Installation

All major structural components arrive assembled and sitting on the landing gear, ready for the next stages of construction.

The greatest advantage of the Quickbuild Option is *time*. Builders can save approximately *700 hours* of fabrication and assembly work while still enjoying the satisfaction and accomplishment of completing and customizing their own helicopter.

Imagine beginning your project with a professionally assembled airframe already completed. Instead of spending countless hours fabricating and riveting sheet metal components, you can focus on installing systems, powerplant components, avionics, and finishing details that bring your Hummingbird to life.

The Quickbuild Option combines factory precision with the pride of homebuilt ownership—allowing you to move from dream to flight in significantly less time.

Fly Sooner—Call Us Now

A Flexible Path to Ownership

Owning and building a helicopter is a significant investment, and every builder's financial plan is different. That's why the Hummingbird Five-Stage Purchasing Program continues to be a popular option among builders around the world.

Designed to provide flexibility and convenience, the program allows customers to spread the purchase of their helicopter kit over five manageable stages rather than making a single large investment upfront. This approach helps builders align their purchases with both their construction schedule and budget.

One of the greatest advantages of the Five-Stage Purchasing Program is that builders can begin their project sooner while distributing costs over time. As each stage is completed, the next package of components is delivered, allowing construction to progress in a logical and organized manner.

For builders who choose to combine the program with our Quickbuild Option, the benefits become even greater. Stage One can include the Quickbuild assembly, providing a professionally built fuselage and tail cone while still allowing the remaining stages to be purchased as the project advances.

The Five-Stage Purchasing Program also offers practical advantages for customers in the United States by reducing storage requirements and spreading shipping costs over multiple deliveries. Many builders appreciate receiving components as they need them, rather than storing an entire kit until construction catches up.

Whether you're ready to begin immediately or prefer a more gradual approach, the Five-Stage Purchasing Program provides a flexible, builder-friendly path toward helicopter ownership—making the dream of flying your own Hummingbird more attainable than ever.

HUMMINGBIRD HELICOPTER

FIVE STAGE PURCHASING PROGRAM

We are now offering a five stage purchase program broken down into five sections as follows:

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 IV

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, driveshafter, 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.

The following items are not included; engine, instruments, paint, upholstery, battery, crating and freight. (optional items on next page)

(Specification and Pricing Subject To Change Without Notice.)

Secure Your First Stage



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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 400 helicopters worldwide from commercial helicopter operators to governments. Currently, Vertical Aviation Technologies, Inc. produces the Hummingbird S-52 series helicopters.



Vertical Aviation Technologies: Making Aviation Great Again.