

APRIL
2025

ROTORTALES OF THE Hummingbird Helicopter



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SUN N' FUN 2025

Another tremendous show at Sun n' Fun this year. Records had to have been broken. The gates were closed on Saturday with over capacity, no parking available and wrist bands sold out. Frank McMullan's Hummingbird was a big attraction again. The paint scheme is definitely an eye catcher. I'm sure if he signed up again for the yearly "Best helicopter" award he would have won two years in a row. But he didn't, so someone else could win.



MQ-52 GUARDIAN

We are excited to be a part of the MQ-52 Guardian's first public showing at our exhibit. The Guardian is a fully autonomous or remotely pilot UAV built from the Hummingbird helicopter. It will be exhibited at "Quad A" next month then into a flight test program. Congratulations to the Apeiron team members attending the show. It was fun talking helicopters all week.



Brad Clark (president of Vertical Aviation Technologies), Alex Anduze (former experimental flight test pilot for Sikorsky), Dan Franco (COO of Apeiron UAV) & Apeiron team are discussing flight control laws.

OUR CUSTOMERS



From left to right: Kelly Klassen, Brad Clark, Vic Syracuse and Thor McIlrath

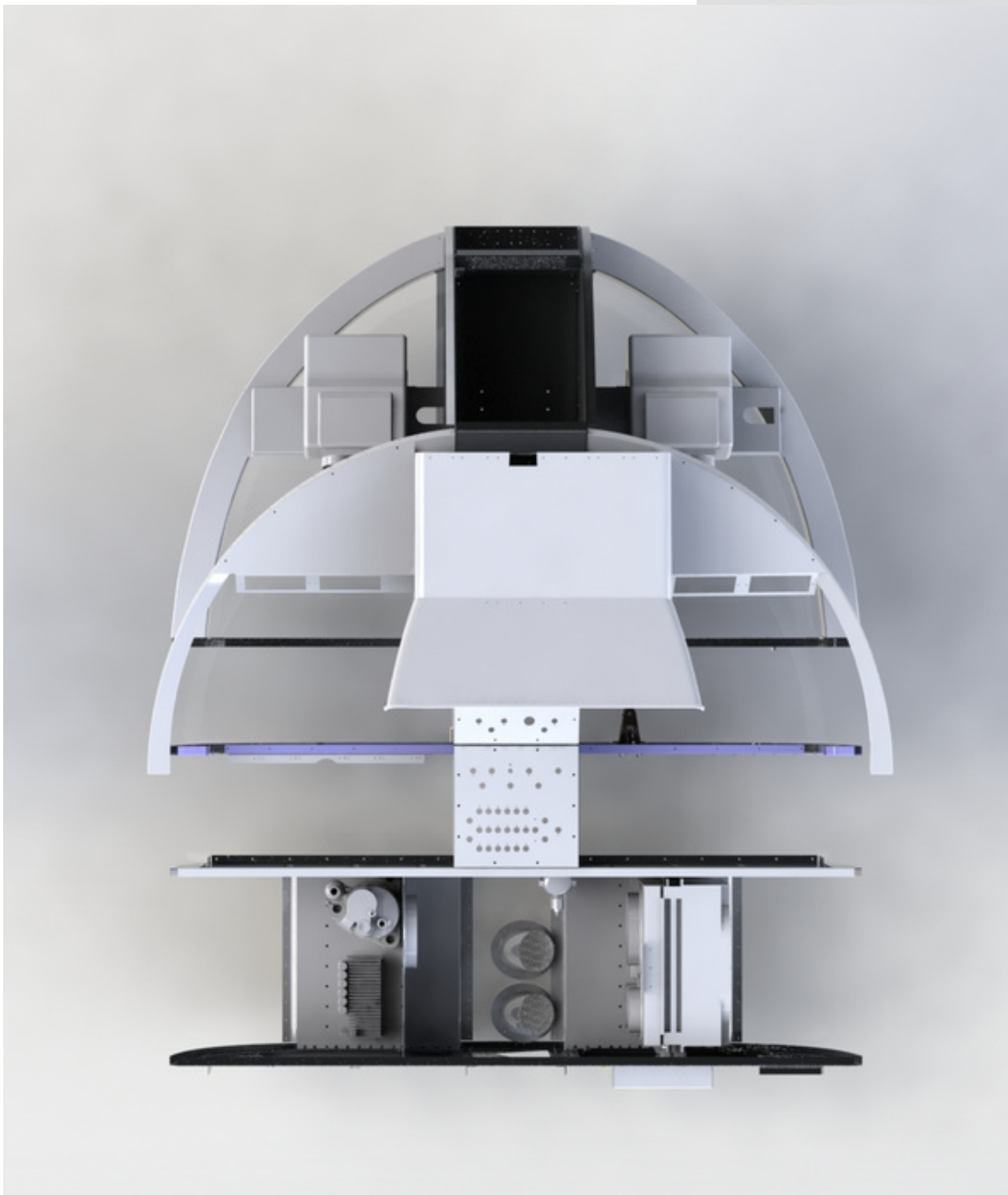
Thanks to all of our customers for coming by to visit at our exhibit area. After 37 years of exhibiting at Sun n’ Fun this spot is by far the best.



Exhibit MD-015C

Electric Air-conditioning System

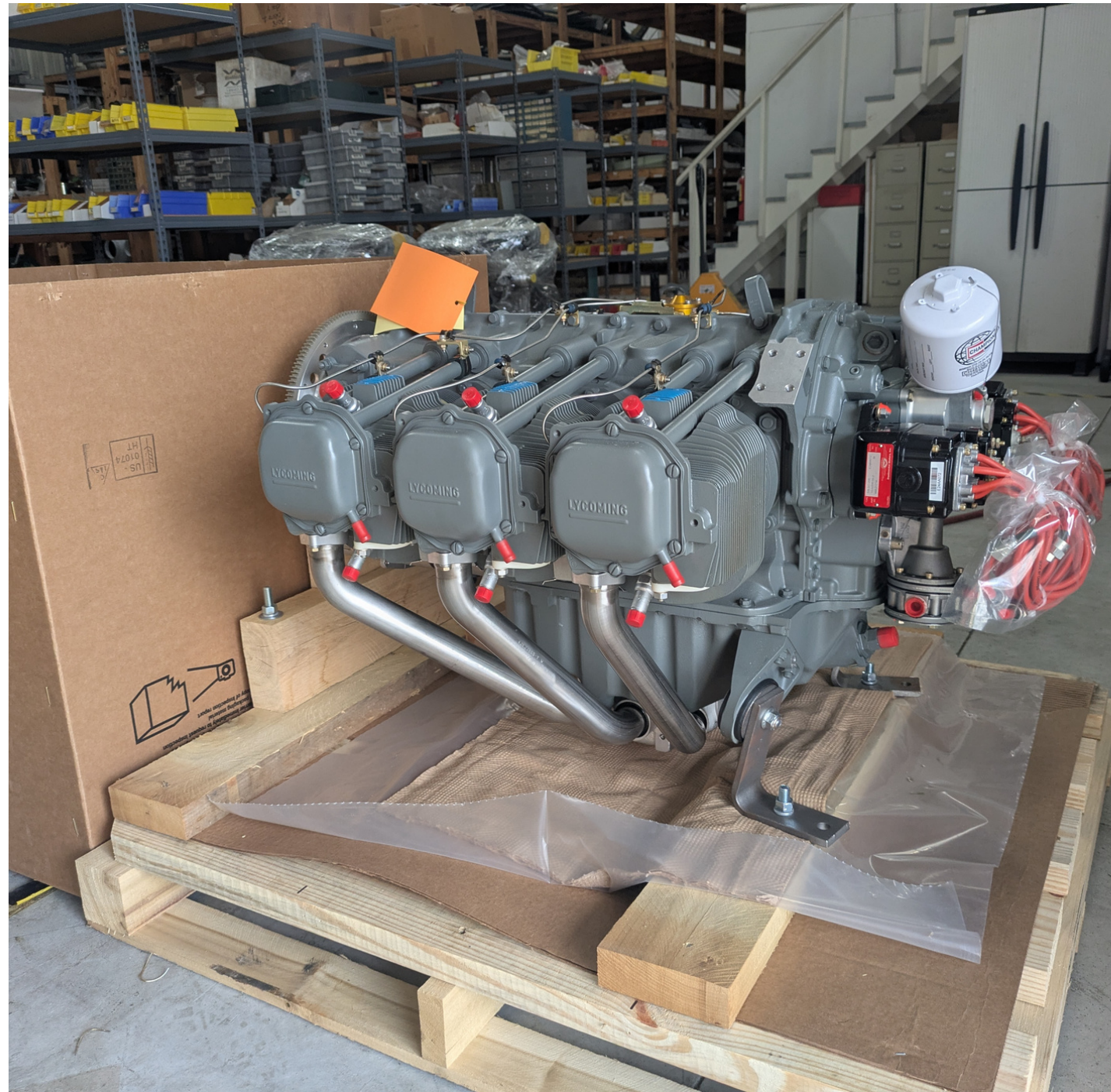
IF YOUR WIFE IS
HOT YOU NEED TO
COOL HER DOWN!



Our new all electric air-conditioning system was well received. Orders are already coming in. Not many helicopters have air-conditioning system available. It sure is nice to have cold air. Guys, this is a good selling point for the wives!

IO-540 Lycoming Engine

We finally received the first Lycoming engines of a large order. They arrived while we were at the show. They get additional modifications by us then are shipped out. These engines are specially designed and built for the Hummingbird with aerobatic sumps.



DELIVERY FOR THESE ENGINES VARIES AND SOMETIMES LONG LEAD TIMES SO GET YOUR ORDERS IN NOW!



Also we just received a large order of main gearbox gears after a long wait. Supply chain issues are now getting better.

Hummingbird Hidden Values

There are a lot of “hidden” values in purchasing a Hummingbird. Our composite materials are the highest quality epoxy resins. They won’t burn or smell like a boat forever. This epoxy resins meet the FAA required fire resistance. All hardware, wire and material are all aircraft quality. Remember this when you are comparing costs. Safety is priceless.



This is one of the most complete kits on the market. No need to search and purchase items like exhaust, muffler, etc. They are supplied.

The President Says

As you can see we have customers with creative ideas. From Avionic, Glass instrument panels, interiors, search lights, floats, spray system and cargo hoops. This can only be accomplished at a reasonable cost with an aircraft licensed in the Amateur Built Category.

Everything you change on a Normal Category helicopter such as the Robinson or Enstrom would require expensive FAA approval. No need with the Hummingbird. Add air-conditioning, heat, cargo hook, even make a Helicamper motorhome all without FAA approval costs. Enjoy it. Enjoy flying and “tinkering” with it. You can’t do this legally with a commercial helicopter. So go ahead and have fun being creative with your very own helicopter. What fun!



A lot of potential customers have visited our facilities and have flown the Hummingbird. Everyone who flies the Hummingbird is impressed with how smooth it flew. They like that it is on wheels, easy to move around and the large cabin interior is impressive. Our competition is the Robinson R44, but our price is a lot easier on the wallet from building to maintaining. Most of the customers that fly the Hummingbird end up coming back again and again then finally buying the REAL THING. If you would like to get into a Hummingbird then please call me. I would like to talk to you personally.

**Brad Clark
President**



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

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Vertical Aviation Technologies: Making Aviation Great Again.