

# PRESS RELEASE

## CUBCRAFTERS RELEASES NEW INTEGRATED INFRARED CAMERA OPTION FOR ENHANCED BACKCOUNTRY SITUATIONAL AWARENESS

*FULLY INTEGRATED WITH POPULAR GARMIN G3X AVIONICS PACKAGES, THE NEW IR CAMERA OPTION ALLOWS PILOTS TO SEE IN LOW LIGHT AND LOW VISIBILITY*



A CubCrafters Carbon Cub with a G3X integrated thermal infrared camera system avoids terrain during company camera testing near Yakima, WA – Photo courtesy of CubCrafters

**YAKIMA, WA -- NOVEMBER 7, 2023** -- CubCrafters, a leading manufacturer of FAA certified, ASTM certified, and experimental category aircraft that are designed to be operated in remote backcountry areas, is today releasing a new thermal infrared imaging system option for Garmin G3X equipped aircraft that dramatically improves flight crew situational awareness during both air and ground operations in reduced visibility or low light situations.

Developed in collaboration with Hood Tech Aero for CubCrafters aircraft, the new camera system is fully integrated with the Garmin G3X Avionics package that is extremely popular with a wide spectrum of backcountry pilots.



The camera features the smallest pixel pitch Long Wave Infrared (LWIR) sensor available and is intended to augment the safety enhancing features of Garmin’s synthetic vision display. It displays enhanced infrared imagery for the pilot on the G3X screen at the same scale, with the same field of view, and with the same horizon as Garmin’s built-in synthetic vision system.

With the simple turn of a knob, both the synthetic and the enhanced vision systems are displayed side-by-side, giving the pilot a previously unheard-of level of situational awareness in low light or low visibility situations. The camera easily penetrates smoke, haze, shadow, or even full darkness to show terrain, roads, buildings, bridges, antennas, runways, and similar objects.

IR camera performance with less than ½ mile forward visibility in forest fire smoke. – Photo courtesy of CubCrafters

The wing-mounted camera itself is designed to be as small, lightweight, automated, and maintenance free as possible. “We’re really proud of what we’ve developed,” explains Brian Prange, the Project Manager for Hood Tech Aero. “We have an amazing amount of technology designed into a very small package. We’re only adding a few ounces to the aircraft and only using a very small amount of power, yet it’s a huge new capability that is always there and ready to go whenever the pilot needs it.”

“The camera system was originally developed as part of a government contract for USDA predator control aircraft, but should have wide appeal to consumers,” says Brad Damm, CubCrafters’ Vice President. “Nearly every backcountry pilot has experienced the scenario of a late afternoon flight with the sun low on the horizon, haze in the air, and a remote mountain airstrip nearly impossible to see down in a valley and deep in shadow. With this system you just quickly flip over to the IR camera, and you can see everything that’s going on.”



IR camera equipped Carbon Cub overflying a Utah canyon deep in shadow. - Photo courtesy of CubCrafters



IR camera equipped Carbon Cub on final for Runway 27 at night in Yakima, WA. - Photo courtesy of CubCrafters

“Our company has always been an innovative leader in flight safety,” continues Patrick Horgan, President of CubCrafters. “From toe brakes to whole aircraft parachutes, we’ve often adapted big aircraft technology to be smaller, lighter, and better for the backcountry. This system is yet another example of our ongoing commitment to give consumers the safest aircraft and best performing aircraft in our class.”

Immediately available for new experimental category CubCrafters aircraft, the company also expects to have retrofit kits and certified aircraft approvals completed by the end of 2023.

## **ABOUT CUBCRAFTERS**

Founded in 1980 by Jim Richmond, CubCrafters’ roots are in the 80+ year history of classic grassroots aviation, but the company’s products and services are innovative and completely modern. CubCrafters designs and manufactures Experimental, LSA, and Part 23 Certified aircraft. The Carbon Cub family of aircraft redefined expectations for the backcountry flying experience with innovative design, modern materials, powerful engines, and breathtaking performance. The company’s flagship XCub aircraft is offered in both nosewheel and tailwheel configurations, and substantially expands the mission profile of sport utility aircraft with higher speed, longer range, and larger payload. The key to our success is our ability to create unique value in the experience of personal adventure aviation. Learn more at: <https://cubcrafters.com/>

## **ABOUT HOOD TECH CORP AERO, INC.**

Hood Tech Aero is a technology company that provides an array of multiple advanced sensors for aerial incident management that create real-time situational awareness and decision-making ability for its customers which is dedicated to “Innovative Aviation Solutions.” Their unique approach provides superior services in support of business lines or products with qualified Subject Matter Experts (SMEs) and Payload research, demonstration and operational capabilities. These capabilities include real-time streaming of visual and thermal video that can be fused with operational information and controlled by personnel in the field or at command post locations. The company also develops, flight tests, and sells OEM imaging systems for a wide array of customers, including CubCrafters. Learn more at <http://www.hoodtechaero.com> or follow [@hood\\_tech\\_aero](https://www.instagram.com/hood_tech_aero) on Instagram to get updates on the latest developments.

## **ABOUT CUBCRAFTERS PUBLIC OFFERING**

CubCrafters has been a privately held company for the first 40 years of its existence, but is now welcoming new public investment.

Regulation A of Title IV of the JOBS Act allows mature startups and later-stage companies to raise as much as \$75M per year from both accredited and non-accredited investors and provides that their investments will be liquid to the extent that the company raising capital lists its stock on an exchange or other trading forum. CubCrafters is accepting new investment from investors located in states other than Florida, New Jersey, Texas, and Washington via Regulation A+ at the following link: <https://www.manhattanstreetcapital.com/cubcrafters>

CubCrafters is accepting investments from non-accredited investors in the states of Florida, New Jersey, Texas, and Washington via Regulation CF. More information about investing via Regulation CF is here: <https://marketplace.title3funds.com/offers/PreviewOffers/cub-crafters>

If you are an accredited investor, you can also invest via our Regulation D private placement offering. To qualify as an accredited investor, you must meet one of the following criteria:

You must have a net worth of over \$1 million, excluding your primary residence. This can be either individually or included with a spouse or partner.

You must have an annual income of over \$200,000 as an individual, or an annual income of over \$300,000 when qualifying with a spouse or partner.

To learn more about making a private placement investment in CubCrafters via Regulation D, or to ask any other questions, please email CubCrafters directly at: [investments@cubcrafters.com](mailto:investments@cubcrafters.com)

### **IMPORTANT LEGAL DISCLAIMER**

THE OFFERING MATERIALS WE PROVIDE MAY CONTAIN FORWARD-LOOKING STATEMENTS AND INFORMATION RELATING TO, AMONG OTHER THINGS, THE COMPANY, ITS BUSINESS PLAN AND STRATEGY, AND ITS INDUSTRY. THESE FORWARD-LOOKING STATEMENTS ARE BASED ON THE BELIEFS OF, ASSUMPTIONS MADE BY, AND INFORMATION CURRENTLY AVAILABLE TO THE COMPANY'S MANAGEMENT. WHEN USED IN THE OFFERING MATERIALS, THE WORDS "ESTIMATE," "PROJECT," "BELIEVE," "ANTICIPATE," "INTEND," "EXPECT" AND SIMILAR EXPRESSIONS ARE INTENDED TO IDENTIFY FORWARD-LOOKING STATEMENTS. THESE STATEMENTS REFLECT MANAGEMENT'S CURRENT VIEWS WITH RESPECT TO FUTURE EVENTS AND ARE SUBJECT TO RISKS AND UNCERTAINTIES THAT COULD CAUSE THE COMPANY'S ACTUAL RESULTS TO DIFFER MATERIALLY FROM THOSE CONTAINED IN THE FORWARD-LOOKING STATEMENTS. INVESTORS ARE CAUTIONED NOT TO PLACE UNDUE RELIANCE ON THESE FORWARD-LOOKING STATEMENTS, WHICH SPEAK ONLY AS OF THE DATE ON WHICH THEY ARE MADE. THE COMPANY DOES NOT UNDERTAKE ANY OBLIGATION TO REVISE OR UPDATE THESE FORWARD-LOOKING STATEMENTS TO REFLECT EVENTS OR CIRCUMSTANCES AFTER SUCH DATE OR TO REFLECT THE OCCURRENCE OF UNANTICIPATED EVENTS.

AN OFFERING STATEMENT REGARDING INVESTING IN CUBCRAFTERS HAS BEEN FILED WITH THE SEC FOR THE REGULATION A OFFERING. TO THE EXTENT THAT THE SEC HAS QUALIFIED THE OFFERING STATEMENT, IT ONLY MEANS THAT THE COMPANY MAY MAKE SALES OF THE SECURITIES DESCRIBED IN THAT STATEMENT. IT DOES NOT MEAN THAT THE SEC HAS APPROVED, PASSED UPON THE MERITS OF THE INVESTMENT, OR PASSED UPON THE ACCURACY OR COMPLETENESS OF THE INFORMATION IN THE OFFERING STATEMENT OR OTHER DOCUMENTS. YOU MAY OBTAIN A COPY OF THE REGULATION A OFFERING CIRCULAR, OR ANY OF THE OTHER OFFERING MATERIALS, [ON THE SEC WEBSITE](#) OR FROM US AT THE LINKS ABOVE. YOU SHOULD READ ALL APPLICABLE OFFERING MATERIALS BEFORE MAKING ANY INVESTMENTS.



<https://cubcrafters.com/investors>