

FAA certifies two-seat aerobatic XA42

XtremeAir GmbH is an EASA-certified company which develops and manufactures carbon fiber composite aerobatic aircraft. The company has been based at Magdeburg/Cochstedt Airport in central Germany since 2005.

The XA42 is the only two-seat aerobatic airplane manufactured and certified entirely with both a carbon fiber composite fuselage and structural design. The XA42 and its single-seat counterpart XA41 are certified for a load factor up to +/- 10 g's. They are both equipped with a Lycoming AEIO-580-B1A piston engine with 315 horsepower.

Following receipt of the European type design certification and production approval from EASA, the U.S. Federal Aviation Administration (FAA) has now followed suit with the issue of registration certificate No. A00064CE on November 5, 2012.

The FAA's designated certification manager, Mr. M. K. Blalock (DART/F) stated:

"I have to say this is one of the best designed, well thought out aircraft I have seen and the workmanship is the best of any aircraft that I have ever certified Congratulations on a job well done I have completed certifications on many, many airshow aircraft. I know when I see a quality aerobatic airplane and yours passed the test."

XtremeAir CEO Harro Möwes said, "This certification in accordance with the FAA's Federal Aviation Regulations (FAR's) is



a fundamental basis for achieving the validation of our certification in numerous other countries. With these two certifications, we have reached a major milestone in establishment of a strong position in the worldwide market."

Around the globe, XtremeAir has sold 37 airplanes thus far, several into the U.S., with a few

others into Russia and South Africa.

The XA41 and XA42 have already achieved remarkable success at many competitive events throughout the past years.

One recent example is the 18th FAI European Aerobatic Championship which was held in Slovakia in September, 2012. Both the XA41 and XA42 were

high achievers with five rankings in the top 10, including first place in freestyle aerobatics – flown by Gerald Cooper in an XA41.

The next step for XtremeAir GmbH will be further promotion of the XA41 and XA42. Both aircraft types will participate in upcoming competitions.

Demonstration and introduction flights are offered at the

company's home base, Magdeburg/Cochstedt Airport (ICAO: EDDB).

XtremeAir GmbH intends to expand its current distribution network within the next two years by adding 25 more agents and dealers worldwide.

Visit www.xtremeair.de or email info@xtremeair.de for more information.

Flying prototype SAM LS to show at Sebring Aviation Expo

SAM Aircraft is readying for the Sebring U.S. Sport Aviation Expo which will be held in Sebring, Florida this month, with an advance look at its new SAM LS, a retro-look LSA with modern comfort, technology, and flying manners.

The shiny aluminum bird was most-recently revealed

to the public at EAA AirVenture in Oshkosh and at Wings Over Gatineau, in Quebec in September, where 30,000 attendees had a look at its new cowl and nearly complete interior and panel.

Ultimate wing load testing was completed without any surprises by the end of September. A 7.9g load was

applied on a wing to simulate a vertical gust of 15 m/s per the LSA ASTM regulations. (Per LSA limit, the gross weight of the aircraft is 1,320 pounds) The SAM LS was also tested under load to demonstrate full aileron operation.

"We know that the wing is safe and strong," says SAM president, Thierry Zibi.

Much more was shown on the Factory Tour, which took place on Saturday, December 15.

First flights of conforming prototype herald opening of order book

The SAM LS will be flying before Sebring, and a large part of its flight envelope will be revealed there. The Sebring show will provide the first opportunity for prospective customers to place orders for their SAM LS.

SAM Aircraft is a Premier Partner of the 9th Annual U.S. Sport Aviation Expo to be held January 17-20, 2013 at the Sebring Regional Airport in central Florida.

To get familiar with the SAM LS, photos of construction and much more are available on Flickr: <http://www.flickr.com/photos/82853168@N03/>

Visit www.sam-aircraft.com or email info@sam-aircraft.com or call: 514-445-6409 for more information.



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