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**REDBIRD AND AVIDYNE ANNOUNCE JOINT DEVELOPMENT PROGRAM**

***The companies are working on integrating Avidyne's hardware and software across Redbird's line of reconfigurable aviation training devices.***

Oshkosh, WI (July 22, 2025) – Today at EAA AirVenture Oshkosh, Redbird Flight (Redbird) and Avidyne Corporation (Avidyne) announced a joint development program focused on integrating high-fidelity and flexible avionics solutions into Redbird's core product line of aviation training devices (ATDs) for flight schools and pilots. The companies' engineering teams have been collaborating closely for over a year to introduce into Redbird's training devices the same innovative and intuitive Avidyne software and hardware that learners and pilots operate in their aircraft without sacrificing a customer's ability to interchange aircraft configurations within a single ATD.

"Avidyne shares in our product design goals to make advanced technology more widespread in the general aviation market by maximizing flexibility and minimizing costs for customers," said Redbird CEO Charlie Gregoire. "This project marks the first time we are developing avionics solutions for our line of reconfigurable ATDs that use real aircraft hardware and software. The progress we have made together is an exciting step forward in our product design that maintains fleet flexibility for our customers while unlocking a new level of fidelity that offers tremendous value in their training environments—beginning as early as private pilot."

"We believe this solution significantly improves the realism and effectiveness of simulator-based training for our mutual customers," added Avidyne CEO Dan Schwinn. "Integrating the actual IFD bezel, display, touch screen, and software into the Redbird ATD provides the pilot the ability to experience the exact same human machine interface and functionality in the ATD as in the aircraft. Improving the fidelity of the ATD will enable pilots to get more value out of their time in the simulator and to more efficiently utilize their actual flight hours."

The companies have been collaborating on integrating an Avidyne IFD550 into a Redbird MCX advanced aviation training device, and they have additional configurations in the development pipeline, including the popular IFD540/440 combination offered as a slide-in replacement for aging GNS.

"The addition of the IFD550 hardware and flight code into a General Aviation ATD is an industry first and provides flight schools with an easy upgrade path that greatly enhances functionality when swapping out GNS for IFDs," Schwinn added. "We look forward to working with Redbird as we roll out support for the IFD540 and IFD440 configurations of the product family and in supporting our rapidly expanding base of owner operators, flight schools, and fleet operators with this new capability."

"We are still in the early stages of what we think this partnership can achieve long-term, but our teams have been able to clear some critical engineering hurdles already," added Gregoire. "Ultimately, the goal is to offer our shared customers solutions that are both retrofittable and scalable as we introduce new products to the market, and we are confident we are on the right path to being able to do that."

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**About Redbird Flight**

Redbird Flight of Austin, Texas, was established in 2006 with the specific purpose of making aviation more accessible by using

modern technology and careful engineering. Since its inception, Redbird has delivered innovative, reliable, and high-quality training devices to flight schools, colleges, universities, K-12 schools, and individual pilots around the world. With more than 4,000 devices in service worldwide, Redbird has quickly become the fastest growing and most innovative simulator provider in the industry. For more information, please visit [www.redbirdflight.com](http://www.redbirdflight.com).

**About Avidyne Corporation**

([www.avidyne.com](http://www.avidyne.com)) Avidyne's continuing leadership in innovation and product design make flying safer, more accessible and more enjoyable for pilots and their passengers. The company offers a full line of avionics systems for corporate, military, owner-flown fixed-wing, rotor-wing general aviation (GA) and Advanced Air Mobility (AAM) aircraft. Headquartered in Melbourne, Florida, the company has additional facilities in Concord, Massachusetts.