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UNITED STATES AIR FORCE REPLACING FLEET OF TRAINING AIRCRAFT WITH REDBIRD FLIGHT SIMULATORS

The USAF will conduct jet transition training in 25 type-specific devices that simulate the T-1A Jayhawk.

Oshkosh, WI (July 25, 2022) – The United States Air Force (USAF) is taking the next step in providing service men and women with advanced flight training. Over a 16-month period, the air service branch of the United States Armed Forces is taking delivery of 25 Advanced Aviation Training Devices manufactured by Redbird Flight (Redbird).

All the devices will provide type-specific training for the T-1A Jayhawk twin-engine jet, which the USAF plans to decommission after implementing the Redbird devices into its training program. Currently, the Air Force uses its fleet of T-1A aircraft for jet transition training. However, it plans to move that training into the simulated world after acquiring its new Redbird devices.

“When we founded Redbird in 2006, we saw an opportunity to create and promote a training device that would offer a superior learning environment to that of an airplane,” said Redbird CEO Todd Willinger. “The Air Force’s recognition, adoption, and advancement of that vision speak to the immense technological innovation in our industry and the capability of flight simulation to provide an effective means to train some of the top pilots in the world.”

In addition to hardware and software integration provided by Redbird, Lockheed Martin contributed the flight modeling and avionics to the training devices, which run on the company’s Prepar3D® simulation engine. Science Applications International Corporation (SAIC) added a mixed reality component to enhance the fidelity of the training. The result is a training device that reduces the cost of flight training, the workload of pilots when they are learning, and the difficulty of setting training schedules — all without compromising the high standards to which the USAF holds its training programs and the performance of its pilots.

In March, the Air Force received the first conforming prototype of the new Redbird training devices. It will take delivery of the remaining devices by August 2023.

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About Redbird Flight

Redbird Flight was established in 2006 to make aviation more accessible through modern technology and careful engineering. Since its inception, the company has delivered innovative, reliable, and high-quality training devices, applications, and content to flight schools, colleges, universities, K-12 schools, and individual pilots worldwide. With more than 3,000 devices in service globally, Redbird has quickly become the fastest growing and most innovative provider of flight training technology in the industry. For more information, please visit www.redbirdflight.com.