

Ocean Aviation Flight Academy is very happy to introduce our brand-new **Redbird FMX** full-motion flight simulator to our students as well as the Delmarva pilot community. Whether you are a professional aviator seeking to remain current or a new flight student, the Redbird FMX is an Advanced Flight Training Device that will allow students to experience flight scenarios in a very real environment that we cannot reproduce as efficiently in the aircraft. It is by definition, the very best in-flight simulators.

Contained in our newly constructed and climate-controlled Simulator Lab, our new Redbird FMX will allow for an even better learning experience for Ocean Aviation's flight students. The Redbird FMX features full motion and wrap-around screens to offer unparalleled realism in an accurate flight environment. In fact, the FMX is so realistic, the FAA has categorized it as an Advanced Flight Training Device which allows students to log flight hours toward their minimum required hours to earn their ratings. Students will find that the standard Cessna 172 six-pack and engine instruments are easy to read and interpret, thanks to clear, backlit digital gauges. Also included are two VOR receivers, a radio stack, and advanced avionics such as a Garmin GPS and autopilot. To increase the realism, the pilot and instructor can wear headsets and crank up the engine volume so that it's nearly as loud as the interior of a typical training aircraft. And various weather conditions can be introduced, such as limited visibility and turbulence.

The benefits of flight simulators are endless. Airlines utilize flight simulators for virtually all initial and recurrent flight training. Among the benefits, students learning new maneuvers can drill those skills in a fraction of the time needed to reposition an aircraft. Your instructor can stop at any time to allow for discussion and critique. Then back up and repeat. Additionally, if desired, motion can be turned off and engine noise can be reduced, which means headsets can be eliminated for an improved learning environment. This will allow for reduced stress during the learning or review phase of a scenario. During your required instrument training for your Private Pilot's license, your instructor may choose to place you a low visibility scenario or have you inadvertently enter a cloud. Just one example of how our FMX will enhance your flight training.

Who Will Benefit from Flying the Redbird FMX?

Simply put... Everybody! Here are some examples...

Private pilot students will find the Redbird FMX allows for a much more productive and cost-effective review of maneuvers that a student finds challenging. Also, a valuable resource when flight lessons are canceled due to bad weather. This is especially important when students are developing primary skills and need consistent practice. Stalls, steep turns, traffic patterns, and cross-country flights can be done in the FMX, which allows students to return to their training aircraft with no loss of momentum



when the weather improves.

Instrument-training pilots can train at lower cost in the FMX. As an FAA-approved Advanced Aviation Training Device (AATD), pilots can **log up to 20 hours** of dual instruction in pursuit of the instrument rating. This is especially valuable for emergency training, where instructors can introduce unexpected weather and instrument failures to support realistic training scenarios.

Instrument-rated pilots also will benefit from time in the FMX, since they can use the Redbird FMX to **log approaches** with an instructor to maintain IFR currency, or to complete an **Instrument Proficiency Check (IPC)** if their currency has lapsed. The Redbird FMX is approved for an IPC. No actual flight time is required.

Commercial Pilot Program - Students Enrolled in Our Commercial Pilot Program can log up to fifty hours of required flight time in the Redbird FMX. The FMX allows our students to experience emergency situations and equipment failures while flying in low instrument conditions. Commercial maneuvers can be practiced and refined. Entire cross-country flights can be conducted in our Redbird FMX.

Please feel free to email to discuss how our new Redbird FMX can enhance your learning experience. Call us at (410)213-8400 or e-mail mfreed@flyoceanaviation.com