



EAA Chapter 327

January 2025

Accelerate your flight training! Gain proficiency. Save money!

for:

Key City Fliers Flight Students
University of Dubuque first year pre-flight Students
Ray Scholarship Pilot training candidates
Student Pilots & Young Eagles

EAA Chapter 375 has four modern flight simulators running X-Plane 11/12 and TakeFlight Academy (TFA), an Artificial Intelligence overlay. It provides a virtual instructor and curriculum, teaching the core set of Private Pilot flight skills and maneuvers. Studies from the University of North Dakota show savings of 25-30% of flight training costs to those students who complete the training. The same program is used in Navy training in the T6-Texan II turboprop. This could potentially save as much as \$2,500-\$5,000 in flight-training costs.

We provide you with access to our simulators and X-Plane as a benefit of EAA Chapter membership (initially \$20 annually). Flight students are invited to try it out for free. Full access to training requires an \$89 TFA license, which provides access to individual, detailed flight performance data and history.

If a student pilot spends an hour or two daily, it takes 1-2 months to complete the simulator AI training from pre-solo to private pilot skills. Although this simulated flight time cannot be logged or included in Part 141 training, it helps make you a more precise and well-oriented pilot when you get on the controls of a real aircraft, and accelerates your progress.

Give me a call at 563-663-3646 to get details, or come Saturday morning between 0930-1100 to EAA Hanger 88 for an orientation by appointment. Additional information at:

<https://www.TakeFlightInteractive.com>

<https://commons.und.edu/cgi/viewcontent.cgi?article=5340&context=theses> Dr. Ryan Guthridge's PhD thesis on use of TakeFlight Academy in a university flight training environment: (see study #3).

<https://youtu.be/HDhWzTOXr8I?si=QJuVAVLnm3PQvB7L>

https://youtu.be/_hPakiEIkac?si=yjviYiDPrXGK1Hhb

This program is made possible by a generous grant from the Ray Aviation Foundation, which also supports the Experimental Aircraft Association (EAA) The Civil Air Patrol (CAP), and the Airplane Owners and Pilots Association (AOPA) Foundation youth initiative. <https://www.rayfoundation.us>

Chuck Weber, AI/Sim Flight Training Coordinator