

YOUNG AVIATORS

2012 SUMMER PROGRAM - AUGUST 6TH - 10TH

RACINE, WI.

FOR KIDS AGE 14 TO 18

History

Inspired by the joy of flying and the STEM initiative, the Young Aviators Program was started as a “proof of concept” trial effort in 2008. The basic concept is to reach out to local boys and girls and use aviation related learning **and actual flying** to stimulate interest in STEM related material.

The first official one week Summer Program was conducted in August, 2009 at EAA Chapter 838, Batten Airport, in Racine. Eight kids, seven boys and one girl, participated. Based on comments from students, parents and staff, the program was a huge success.

The 2010 program was expanded to include twelve students, two girls and ten boys. Three Cherokee 140 training aircraft, a cast of eight flight instructors and four simulator instructors combined to carry out the flying portion of the program. The ground school faculty included a PhD chemist, a retired Northwest Airline Captain, a former corporate Chief Pilot and a former engineering test pilot. A retired teacher and licensed Aircraft Mechanic conducted workshop training.

This model continues each year. Students, their parents, the volunteer staff and the professional flight instructor team combines to make the week fun, stimulating, successful and unforgettable.



LIGHTNING THE SPARK OF
INTEREST IN STEM
SCIENCE
TECHNOLOGY
ENGINEERING
MATH

THROUGH AVIATION.

WWW.YOUNG-AVIATORS.COM

Program Format

Here's how the Summer Program works:

- Students receive daily innovative and enjoyable classroom instruction in aerodynamics, principles of flight, flight physics, navigation, flight planning, aviation weather and other flying related subjects.
- Daily workshop periods are devoted to working with a variety of tools to assemble real aircraft components.
- Students learn to operate a state-of-the-art flight simulator that realistically synthesizes the “throttle, stick and rudder” requirements for basic controlled flight. They learn to make takeoffs, climbs, glides, turns, descents and landings.
- And then, the program highlights. Students move into training airplanes and fly...every day...with a professional flight instructor. Training hours in the air are logged in official Pilots Log Books and apply to the requirements for a Private Pilots License.

Organization

Young Aviators, Inc. is a not-for-profit 501-[c]-3 corporation registered with the IRS and the State of Wisconsin. The Board of Directors are men and women from the local business community, teachers, professionals and members of EAA Chapter 838.



Young Aviators Program Description



Want to Attend?

The 2012 Young Aviator Summer Program will be held August 6-10 at EAA Chapter 838, 3333 North Green Bay Road, Batten Airport, Racine. Applications can be found on our web site

www.young-aviators.com

Some scholarships are available. Questions? Call 262-515-9838.

Future Class Dates

2012 August 6 - 10,

2013 August 5 - 9,

2014 August 4 - 8

Major Topics Covered

Aerodynamic Principles, Four Fundamentals of Flight, Meteorology, Navigation, Weight & Balance, Human Factors, Chemistry & Physics of Aviation, Simulator Flying.

Actual Flight Instruction, Introduction to Flight, Four Fundamentals of Flight, Slow Flight, Steep Turns, Ground Reference, Navigation, Takeoffs and Landings.

Student Comments

My classmates and I would like to say thanks for this wonderful week. We learned sooo much! Classes about science, math and aviation history were excellent and all the ground school teachers were just great. I loved every second. And, actually learning to fly an airplane is an amazing thing. It's like nothing else. My flight instructor Larry was so helpful and patient. He taught me that I can do more than I ever thought I could. Thank you all for creating this incredible experience and for the many extraordinary memories. **Kathryn Simonsen, Racine, WI.**

The Young Aviator program was definitely one of the most exciting things that I've done. Not only did I get to learn about airplanes, which was very interesting but I actually got to fly them. I had a great instructor too and it seemed real easy to fly the plane. Just the feel of flying is something I will never forget. **Dave Soller, Racine, WI.**



www.Young-Aviators.com



Support Opportunities

Help us "Light the Spark" by putting kids in the pilot's seat to experience both the joy and the demands of flight.

\$795 - Tuition fees for one student.

\$1000 and above - "Founding Supporter"

\$2,500 - Cost of leasing and operating one training aircraft.

Please donate on-line at www.Young-Aviators.com or by mail at the address listed below. Questions? Call us at 262-515-9838.

Note: Contributions are tax deductible.

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