

EAA Chapter 143 - 7 June 2025 Gathering

7 attendees

Meeting began at 0900 with breakfast prepared by Ron S.

Business

- Finances
 - Sonex Kit Donation - sold to Leo D. for \$1000. That covers chapter operating expenses for the year plus a surplus. We are solvent for 2025.

Young Eagles

- Discussion about ground activities
- Jacob S. is working with Martin State Airport to schedule a Young Eagles Rally

Build Projects

- Seth W's Afordaplane
 - Will be moving it to make room for Leo's Sonex kit
- Buzz T's Bearver
 - After looking at the condition, it probably isn't a good candidate for a STEM student trainer. Would require too much work.
- Ted's RANS S12
 - Would make a great training aircraft for students transitioning out of the STEM program. 2-passenger side-by-side. Needs some work, though - no engine and wings need to be covered. Owner is asking \$12,000
- Pedal Planes
 - Ron has a P51 kit built and is working on a second (scratch built) one. He also ordered a Corsair kit.
- Oshkosh Sign
 - If anyone is going to Oshkosh, are you willing to bring along our chapter directional sign? Is anyone able to make it (basically a short length of 1x4 with a pointy end and some kind of design to rep the chapter?)
- Vans RV Cockpit Simulator
 - G1000 simulator EFIS

STEM Program

- Ron S has been trying to work out a way to do ground school at Tipton. Because it's a shared space with Solid Ground ground school, there are some scheduling conflicts.

Chapter Video Magazine

- Watched the monthly chapter meeting from EAA HQ by Charlie Beck.
 - One Week Wonder Sonex is on display at Smithsonian Udvar Hazy museum

Presentation

- **“Stressed Out! Stress Concentrations and Fatigue in Aircraft Structures”** was presented by Dan D. Presentation Links:
 - Slide Show:
<https://docs.google.com/presentation/d/15lGtZYLwqzv0RceNjtuhI2dEGkCJ623xQz25nLANZUs/edit?usp=sharing>
 - Related Articles:
 - Spreading the Load:
<https://drive.google.com/file/d/1HCEF7nVYdIhnQHru01glby3EUs39dCtb/view?usp=sharing>
 - Stress Risers:
<https://drive.google.com/file/d/1Ygj9HcgHb93r71WQT9ODjfbnAE-gGVtH/view?usp=sharing>
 - FAA AC 43.13-1B:
https://www.faa.gov/documentlibrary/media/advisory_circular/ac_43.13-1b_w-chg1.pdf

Meeting Ended around 1030, when members helped Leo rearrange the community hangar to make space for Leo’s Sonex and participated in “Hangar Talk.”