



# EAA Chapter 1627

## October Newsletter

Experimental Aircraft Association, Boulder Colorado Chapter  
Education, Community and Adventure

Monthly  
Meeting -  
October 19,  
6:00 - 8:00  
Blue (Dave's)  
hangar  
3393 Airport Rd  
Boulder CO  
80301

We'll get the grill warmed up and the burgers started a little before 6:00pm (1800 hrs). Let us know early if you'd prefer a veggie burger. (Donations accepted)

Our monthly meeting will commence by 6:30 (1830 hours) with a quick update about our recent and future events. Topics include the results of our Young Eagles event, preparing for the November Young Eagles, and the Ray Scholarship applications.

The main presentation is a postponement from our September meeting that was cancelled due to unforeseen events. Our presenter is Carl Lawrence, who will show how to assemble a low cost, hot-wire cutter used for shaping rigid foam to build "moldless" composite airfoils and control surfaces. There will be some random foam pieces for everyone to practice some foam shaping. Richard Henry will also show us how to shape some tiny gliders to use for "walk along" gliders. Carl is the owner of EnergySense, an energy efficiency consultancy. He owns a gyroplane and a bunch of parts that will soon be reassembled into a Cessna 182.

<b>Special Events -</b>	<p><b>Ray Scholarships</b> - We've awarded a Scholarship for 2022 and will be seeking another one in 2023. Scholar eligibility requirements can be found here <a href="https://www.eaa.org/eaac/eaa-chapters/eaac-chapter-resources/chapter-programs-and-activities/ray-aviation-scholarship-fund/scholar-eligibility-and-requirements">https://www.eaa.org/eaac/eaa-chapters/eaac-chapter-resources/chapter-programs-and-activities/ray-aviation-scholarship-fund/scholar-eligibility-and-requirements</a></p> <p><b>Previous awardees -</b></p> <ul style="list-style-type: none"><li>- Kenzie K. will take her Private Pilot Glider Check-ride in early November. Good luck!!</li><li>- Clint E. a Junior at Berthoud HS is our newest Ray Scholar with \$10,000 towards his PPL</li><li>- Eshan K., our second Ray Scholar has \$5,000 towards his PPL</li></ul>
	<p><b>Chapter Participation</b> - Please consider helping the Chapter by joining the board and/or taking on a leadership position. Election of officers will be held in January - President, Vice President, Treasure, and Secretary. Contact any board member or current officer to learn about each position. The Chapter also needs someone to run the IMC/VMC Club.</p>
<b>Regular Events -</b>	<p><b>Project Workshops</b> - Most Saturday mornings there are project workshops taking place in Dave's hangar or other locations on the field. Check the Chapter calendar for exact dates and times - <a href="https://chapters.eaa.org/eaac1627/event-calendar">https://chapters.eaa.org/eaac1627/event-calendar</a></p>
	<p><b>Young Eagles</b> - Volunteer pilots take kids between the ages of 8 and 17 up for a free flight. The last YE rally for 2022 is scheduled for Saturday November 12th, 8:00 am until noon. Registration opens soon. Bring some kids to fly and an appetite for the pancake breakfast. <a href="http://www.yeday.org/">http://www.yeday.org/</a> Please volunteer to help out as a pilot or ground crew.</p>
	<p><b>Movie Night</b> - Enjoy an aviation movie, burger and popcorn at Dave's hangar on the second Wednesday of each month. This event is sponsored by our EAA Chapter and the Antique Airplane Association for Colorado. Please suggest an aviation movie you'd like to see.</p>
	<p>The <b>Antique Airplane Association</b> of Colorado holds their meetings on the first Wednesday of each month. Learn more about the AAACO at <a href="https://aaaofcolorado.org/">https://aaaofcolorado.org/</a></p>

## Projects -



**VariEze** - Kent and Scott will be taking the lead on the VariEze project, so contact them if you'd like to help. The VariEze is one of the most efficient airframes ever designed. This composite fiberglass over foam core aircraft is 50 percent faster than a conventional plane using the same power plant. The VariEze is almost ready for paint. It still needs its instruments installed and wiring, and the acquisition and installation of an engine. It needs about 100 horsepower in the form of a O-200 or Rotax 912, if you know where we can find one. Learn more at: [https://en.wikipedia.org/wiki/Rutan\\_VariEze](https://en.wikipedia.org/wiki/Rutan_VariEze)

## For Sale -

**AMF-S14 Maranda** - A wood aircraft started a few decades ago on the western slope. The woodwork is almost completed and work can now continue on the installation of an engine, wiring and instruments. View the builder's log at <https://eaabuilderslog.org/?blproject&proj=7rWTOWCmt>

## For Sale -

**Sonerai II** - The Sonerai project also needs a new owner to take on completion of the project which includes assembly, fabric work, and instrumentation. This project is largely complete, including an engine

## Where is your interest -

Are there subjects and classes that will peak your interest? Here are a few suggestions that can be hashed about when we're hangar flying at our meetings. Pick a few items and bring them up for discussion at the next meeting.

- Welding class
- Day trips/fly outs
- Hot wire foam cutting and composite structures
- Conditional inspections
- Process for experimental certification
- Designing landing gear
- Part sources
- Who can you get to test your creation?
- Wood, aluminum, rivets and cloth.
- Low and slow or fast and furious
- Back country camping