

Chapter News

Pike's Peak Flyer

The Voice of EAA 72

<https://eaa72.org>

January 2024

Chapter News—Let's Get Going!

PRESIDENT'S MESSAGE



I think 2024 could turn out to be as good a year as 23 was. The program committee has already got off to a good start with interesting programs scheduled for every month. The MLAA Board wants to have an airport open house (Wings and Wheels @ Falcon) on June 1st with all of the public invited. Chapter 72 will provide breakfast and lunch, as well as soft drinks and water for the crowd. Hopefully the Boy Scouts and the CAP will help with parking, and crowd control. I don't think we will be doing any flying during the event, but would like to have a bunch of airplanes on display. A local car club will be displaying their automobiles in the parking lot. June will be a busy month with our project tour on the 15th, and there are several new projects under construction to inspect.

There is a lot more to riveting that just whacking a rivet on the head. Loyd Remus will be here on January 20, to show you how to properly install a rivet and also how to remove a poorly installed one. Loyd is the airport's local expert on aluminum airplanes; this will be of interest to many, since at this point, it seems that only aluminum airplanes are being built.

The RedBird Simulator is up and running now, and we find that it will do so much more than we originally thought. It includes a Cessna 172 panel with a six pack, a 172 with a G1000 panel and a Beech Bonanza A36 with a G1000 panel. Try not to land it gear up!! We will be starting Young Eagles again in March, and the Sim will be available for the YE's to fly while they wait for their real flights.

Chapter 72.5 has grown to around 20 members now. It's tough to get them all together during school time, but this summer should be very interesting.

Terrence Terrill is the new president for the Pueblo EAA Chapter 808, and this year we plan to have a joint meeting with them. It would be fun to fly all of our homebuilt planes down there and just plug the ramp with planes. We only have about 100 here. There is a lot more on the docket than the few items I have mentioned above, so come to the meetings, get involved with some of the projects, and have fun.

Just a reminder that it is January, and time to pay dues for 2024. Come to Coffee this Saturday, and Esther will be glad to accept your money!

Keep the spirit alive.

Tailwinds,

Jim Steward

President, EAA Bruce McCombs Chapter 72

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UPCOMING EVENTS

- Jan. 10 VMC/IMC club meeting, MLAA classroom 6 – 7 pm
- Jan. 13 Coffee & Donuts, MLAA Hangar 9-11 am
- Jan. 20 Chapter meeting, Riveting, Loyd Remus, MLAA Hangar 11 am, followed by lunch
- Jan. 22-26 EAA Homebuilder's week, EAA.org--online courses times listed on page 3
- Mar. 9 Young Eagle flights resume, MLAA ramp 8:45 am – noon
- Apr. 9-14 Sun n' Fun, Lakeland, FL all day events

2024 CALENDAR OF EAA CHAPTER 72 PROGRAMS

- Jan. 20 Loyd Remus, Riveting
- Feb. 17 Hetty Carlson, Colorado Aviation Grants, Dave Elliot, Rusty Pilots
- Mar. 16 Josiah Bookman, Fiberglass Construction
- Mar. TBD Spaghetti Factory Dinner, Chapter 72 anniversary
- Apr. 20 Fly-out to Pueblo, Joint Mtg with Chapter 808
- May 18 BBQ, Nat'l Learn to Fly Day
- Jun. 1 MLAA Open House, Breakfast & Lunch provided by Chapter 72
- Jun. 15 KFLY Project Tour, followed by BBQ
- Jul. 20 Eagle Flights, followed by BBQ
- Jul. 22-28 EAA Airventure, OSH
- Aug. 17 Airventure, OSH recap from attendees
- Sep. 21 Fly-in, Wreaths Across America, breakfast fundraiser
- Oct. 19 OPEN (Mountain Flying?)
- Nov. 23 Chapter Annual Business Meeting, Board Elections
- Dec. TBD Christmas Party, MLAA Hangar

Homebuilders Week – Online Event Starts January 22

An online opportunity to learn about building your own aircraft

By Charlie Becker, EAA Homebuilt Community Manager

Homebuilders Week is an online opportunity to carry on the founding mission of EAA by sharing as much knowledge and information about building your own aircraft as possible in five days. We start on Monday, January 22nd, 2024, and end on Friday, January 26th, 2024. Each day, we offer six live webinars back-to-back, starting at 11:30 am central time and running every hour and a half until the last session at 7pm central. The sessions are live and allow time for questions. To sign up for the sessions, visit www.EAA.org/HomebuildersWeek

The topics cover a wide variety of areas of interest to anyone curious about building their own aircraft. We try to make sure there is something for everyone, whether you are just considering the idea of building an aircraft, are knee deep in a project or getting ready for test flying. We even have EAA president Jack Pelton lined up on our anniversary date, January 26th, to talk about EAA's Advocacy efforts on behalf of the homebuilt members. EAA Homebuilders Week coincides with the anniversary of the founding of the Experimental Aircraft Association in 1953. We have come so far since that first EAA meeting. Back then, information on homebuilding was sparse and hard to come by. I know that if our founder, Paul Poberezny, was still with us, he would give us a big thumbs up for this effort to support the homebuilder.

EAA Homebuilders Week is made possible through the generous sponsorships of Aircraft Spruce & Specialty Co., Dynon, and Scheme Designers, Inc.

Visit www.EAA.org/HomebuildersWeek to sign up.

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Homebuilders Week Schedule January 22 - 26, 2024

To sign up: EAA.org/HomebuildersWeek

Time CT	Monday 1/22/24	Tuesday 1/23/24	Wednesday 1/24/24	Thursday 1/25/24	Friday 1/26/24
11:30-12:45	Building an Aircraft: What You Need to Know Charlie Becker	Composite Construction Basics Mark Forss	Amateur-Built Certification Process Joe Norris	Lies, Darned Lies, and Homebuilt Accident Statistics Ron Wanttaja	EAA Advocacy Update: Top Homebuilding Issues and the Impact of MOSAIC Jack J. Pelton, Sean Elliott & Rob Hackman
1:00-2:15	Wiring Basics Dick Koehler	The Nuts and Bolts of Nuts and Bolts Kerry Fores	Building on the Cheap Ron Wanttaja	Lycoming Engine Installation Dave Prizlo	Working With Wood 101 John Egan
2:30-3:45	Welding Basics: Gas & TIG Charlie Becker & Tracy Buttles	Fabric Covering Basics Nate Hammond	Buying a Used RV Aircraft Vic Syracuse	Sonex Aircraft and AeroConversions Products Mark Schaible	Zenith Aircraft Kits & Plans Sebastien Heintz & Roger Dubbert
4:00-5:15	Sheet Metal Basics Jim Scott	Factory-Built to Homebuilt: What's the Difference? Tom Charpentier	Advanced Flight Systems Rob Hickman	Garmin Experimental Avionics Solutions Brad Brensing	Scratchbuilding From Plans: 90% Done and 90% to Go! Marty Feehan
5:30-6:45	Panel Planning and Wiring Marc Ausman	Dynon Avionics Michael Schofield	Flight Testing 101 Paul Dye	Propeller Selection for Homebuilts Steve Boser	Latex Paint: A Low-Cost Alternative Malcolm Morrison
7:00-8:15	Rotax 9 Series Installation & Operation Phil Lockwood	Painting Your Plane: DIY or Use an Expert? Craig Barnett & Ken Reese	Engine Break-In Mike Busch	Van's RV Aircraft Kits Greg Hughes	Common Builder & Maintenance Errors Vic Syracuse

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Red Bird Simulator Status Update (a/o 01/07/2024)

The simulator working group has been working hard to finalize details on how the Club will manage, schedule and charge for using our new, *very cool* simulator. We are now ready to publish a few “rules of the road (or air)”:

- The simulator is an FAA AATD (Advanced Aviation Training Device) that can be used for primary, advanced and instrument training.
- The EAA Board of Directors has established the following cost schedule:
 - o Regular members - \$45/hour.
 - o Aerolab Students - \$25/hour.
 - o Chapter 72.5 - \$15/hour.
 - o Charges will accrue based on the Sim’s “Hobbs Meter”.
 - o You must be a member of EAA Chapter 72, 72.5, or Aerolab to use the simulator.
- We currently have two instrument panels w/ one more on order:
 - o Cessna C-172 with standard 6-pack “steam gauges”. This will be the ‘default’ panel.
 - o Cessna C-172 with Garmin G1000 glass panel.
 - o The Board has authorized purchase of a “Complex Aircraft” panel and control console:
 - This is a Bonanza A36 with a Garmin G1000, constant speed prop and retractable gear.
 - Expect a small additional charge for this panel over the C-172 panels. Cost TBD.
 - o Only trained & designated (in writing) personnel will be authorized to swap out panels.
 - In order to minimize wear & tear as well as potential damage panels will only be swapped out once per day.
 - Once a panel is in the Sim it will remain there for the day.
 - You will need to give our Sim managers 24-hour notice when you want a specific panel setup.
 - o The Sim Working Group is building a “train the trainer” manual for the Flight Instructors so they can start up and run the sim.
- The Red Bird Simulator will be scheduled on a first come, first served basis through a commercial program called “Flight Circle”. You will need to establish an account with them. Here are the steps:
 - o Go to www.flightcircle.com
 - o Sign up for an account with username & password
 - o Associate your account with our Association by clicking on your name in the upper right corner, selecting “My Associations” in the left menu, searching for “EAA Chapter 72” and selecting “Add”
 - o This will send a note to our Flight Circle manager that you’re requesting access. Once approved you will be able to schedule the simulator.

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- Physical access to the simulator will be through the East door (by the AWOS), then through the 1st floor classroom glass door, then through the hangar access door, and finally through the Sim room door.
 - o The East door has a code, set to the COS ATIS frequency.
 - o The Classroom and Sim doors have a keypad lock. These locks track who & when a door has been unlocked/locked. You will need a 4-6 number code to operate the locks. To get this code email the following EAA Board members:
 - George Sciss, george.sciss@q.com
 - Bill Epperson, billmeister69@gmail.com
 - Richard Martin, richard.e.martin@att.net
 - Greg Wolff, glwolffie@gmail.com
 - Mark Doughty, markvdoughty@hotmail.com
 - o NOTE: The system we're using to set the codes is not encrypted so choose a code you can remember but is not sensitive.
 - o To open a lock:
 - Press the "Yale" button
 - Enter your code
 - Press the 'check mark'
- We are still learning a lot about the Sim's capabilities. One feature is an online "instructor" that can help focus your training. This is enabled through a USB-drive purchased from Red Bird. There are two training categories: Primary & Instrument. Two of the Board members have purchased them to experiment with. More to follow on cost, effectiveness and scope of what's covered.

Obviously, we are still learning a lot about the sim itself as well as how best to manage this incredible resource in a "Club" environment. Please be patient as we iron out the final details before pushing the "Engage" button.

Keep the Spirit alive!

The Sim Working Group

- Richard Martin
- Bill Epperson
- Mark Doughty
- Greg Wolff
- George Sciss

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Classifieds

- I have an Avid MkIV Heavy Hauler project I'm looking to sell. But for a few finishing touches, it is ready for paint and its 40 hours. It has a Stratus EA-81 100 hp engine; a Warp Drive prop; Hooker harnesses, bubble doors, Grove gear, and Cleveland wheels and brakes. Pictures are available on request. I'm asking \$20k for it. Would you be willing to help me advertise it? Please let me know. Thank you!

Kent Holsinger

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- Below is the Midget Mustang project in Raton, NM, belonging to Ken Lobb (now deceased). My friend James Hegland, son of Ken Lobb (who passed away in Oct, 2023), has asked me to help sell his father's nearly finished Midget Mustang project. It is currently in the garage of his widow in Raton, NM. I have cataloged the project, and various parts, and created an asking price. This particular aircraft is not one I've worked on, so this task has been a bit difficult to reach conclusions about pricing.

I have been fairly generous in the pricing in order to move this along and find a decent value for his widow's benefit. I welcome any suggestions and hope someone can find a buyer. Feel free to circulate this information more widely.

I appreciate any help you can lend. If you choose to see the project in person, in Raton, that can be arranged. The wings are off, along with the landing gear. The Jabiru engine is mounted, but could be easily removed for transport or for a separate sale.

I think this may have been purchased as a Quick Build from Mustang Aero, as the record of purchase is in the front of the full manual. There is a full set of documentation for the airframe and the engine. We would prefer they go to the same buyer, but a separate sale is a possibility.

I set up a Google Drive to share files for downloading using the link below. Please go to the link and follow the 'README' instructions. Once the files are downloaded to your local drive, the spreadsheet contains a catalog of all things connected with this aircraft. The pricing in the spreadsheet is a SWAG, as best as I could devise. Please feel free to call me if you have any confusion in the use of these files, technical questions, or pricing suggestions. I have done vintage restoration and kit construction, but am unfamiliar with the Midget Mustang, so I'm learning as I go. I have a friend that built one of these, so I do have someone to ask questions of. Contact information for James Hegland is on the top, front page of the spreadsheet. Feel free to call him for further information about seeing the project in person, and a possible purchase.

Below is the link to the Google Drive containing the files for download. Although you can initially see this on your smartphone or tablet, I highly recommend viewing it only on a desktop or laptop, because of the size of the spreadsheet on the screen.

Ken Lobb Midget Mustang Project Files:

<https://drive.google.com/drive/folders/15Y3cWiJwWXg-JYsw4iwHzmbPR9qzyppO>

I appreciate you taking the time to review this. Feel free to share it widely.

The README document contains a QR code for the above link, allowing posting on a bulletin board, if needed.

Thank you for your consideration.

Dan Smith

Longmont, CO, retired engineer

EAA Member 1113428

EAA 1627 and VAA 42 out of Boulder Airport (KBDU)

N758FV, at Vance Brand Airport (KLMO)

303-709-3140 (mobile with texting)

the.pilot.smith@gmail.com

Chapter Financials

*Thank you for supporting
these EAA Chapter 72
members!*

EAA BRUCE MCCOMBS CHAPTER 72 TREASURER'S REPORT

As of 12/01/2023

<u>Date</u>	<u>Purpose</u>	<u>Amount</u>
12/01/2023	Beginning Balance	\$5801.36
11/30/2023	Ending Balance	\$5801.36
11/30/2023	Scholarship Account	\$9,190.00
11/30/2023	Building Account	\$530.12

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USE PASSWORD AND SUBMIT
PRINT OUT 8500-8 IF ABLE
BRING IN FORM AND CONFIRMATION #**

Chapter Meeting

Date: Saturday, Jan, 20, 2024

Time & Place: 11 AM, MLAA Hangar

Program: Riveting, Loyd Remus

Randy's Flying, LLC
Will certify airplanes for food

Gary R. (Randy) Loyd
FAA Designated Airworthiness Representative

17435 Caribou Dr. E Monument, CO 80132
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garyloyd@outlook.com

MEADOW LAKE AIRPORT - COLORADO SPRINGS, COLORADO

Next Meeting Jan. 20, 2024

Randy Loyd
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Visit our website: <https://eaa72.org>

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Fred Carter 719-291-0815

About our Chapter

The Bruce McCombs EAA Chapter 72 meets at Meadow Lake Airport. Meetings are held on 3rd Saturday of each month with a breakfast or lunch. Look for the calendar of events to highlight special chapter activities like Young Eagle Rallies, fly-outs, and other chapter sponsored event. The Chapter Newsletter is published monthly, normally emailed, and available on the website a few days before each meeting. Readers are encouraged to contribute articles, photos, etc. by submitting them to the Newsletter Editor by the first Saturday of each month.

Annual membership is \$35. Send to: Secretary Esther Smith, 1303 Fosdick Circle, Colorado Springs, CO 80909. Make check payable to EAA Chapter 72 or pay on-line at <https://chapters.eaa.org/eaa72>. Be informed, attend the meetings, and have a great time with sport aviation.