

TAILWINDS



**EAA CHAPTER
974
NEWSLETTER
SEPTEMBER 2021**



Butler County Regional Airport
Hamilton, Ohio



IN THIS EDITION

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SEPTEMBER GATHERING REVIEW

We had a great turn out on a toasty September day, thanks no doubt to our anticipation of goodies that VP Joey and Secretary Brandi had in store for us. The menu included sausage, French toast bake, egg wraps and lemon cake. Thanks to you both!!



Young Eagles: Scott Balmos reminded us of the rally on 9/18 and talked about a successful Young Eagles display at the Model Flying Circus on Saturday.

Movie Night : Prez Tom talked about our great movie night with showing of “The Rocketeer” and lots of pizza and ice cream.



Other announcements:

Elections to be held at October gathering. Members invited to submit nominations by October board business meeting.

Meeting Day Change: In 2022 chapter gathering day will change from 1st to 2nd Sunday.

Hangar Crawl: Will occur with November gathering

Christmas Party: Location and date TBD

Project Reports:

- Shawn Wheeler RV4, Bob Dombek Tiger Moth first flights.
- Tom Martin flew Merlin with new sprung tail-wheel.
- Ray Parker testing auto pilot pitch servo in his Long EZ
- Dave Griffith—First run of rebuilt engine in his Arrow 3.



New Members and Visitors: Seen at the left is Tom Vennemann. He was invited by Doug and Elena Hurd, pictured with him. Welcome Tom!
Pictures: ed and Joey Shreve



SEPTEMBER GATHERING PROGRAM

This month we viewed a fascinating program about a scratch built 1918 Curtis JN4D Jenny. The project was undertaken in concert by EAA chapter 1414, and the Vintage Wings and Wheels Museum at Poplar Grove Airport, Illinois. The presenter was Steve McGreevy who was invited by chapter member Mark Reising.



Steve was a big part of the build. It was undertaken to duplicate as closely as possible the materials and construction techniques available in 1918. This also included an OX-5 engine. The airframe was built from original Curtis drawings. Steve presented a slide show from the builders log, a few of which are shown in the right column.



The project was begun 4 1/2 years ago. Among the challenges to building a 1918 aircraft was the sourcing of wood and metal parts. Steve pointed out that many fittings had to be made by hand, however, CNC machining and water jet cutting were modern techniques that allowed otherwise nearly impossible parts to be made fairly easily. Other challenges included steaming, shaping and laminating wood parts to duplicate the curvature and shape. An example can be seen in the second picture. The fuselage was built upside down on a long table. The curved lower longeron had to be steamed and bent to shape.



Seen in the third picture is the OX-5 engine mounted with its 102" long propeller which was custom carved by Sensenich.

Steve said that the minimum crew needed was 4, a pilot, two wing walkers for taxiing, and someone to prop the engine. The engine has been run but test flying will wait until the corn, growing high on each side of the runway, is harvested and cut down. Chapter 974 thanks you Steve and we wish you all the best in your upcoming test flights. Thanks also to Mark Reising for inviting Steve!

Photos: from builders log slide show.



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Sharing our talents....

Hi everyone,

Many times we don't realize how far we've come when learning new skills. What has become second nature to ourselves, can be something that someone else struggles to understand, let alone do.



Something I'd like to see us do more of at our Chapter gatherings is skill sharing with the broader membership. It might be how to buck a rivet, laying out a pattern on metal for bending, making custom cables, or mastering the cross-wind landing, you name it the list is endless.

Yes, there is always YouTube videos, and of course the EAA offers many weekend builder workshops, but sometimes just getting to see an example can be a great motivator to learn a new skill ourselves.

So I'm asking you to think back a bit to a skill that you struggled to learn, but now is just something that is second nature, and in your mind you think, "of course everyone knows how to do this." Actually many of us probably do not, or even if we do, hearing tips from others can only make us better.

Let me know what skill you'd like to share, or maybe some of things you wish others would share. Pull together a 10 minute presentation or demonstration, and we'll get it on the calendar at one of the upcoming gatherings.

Looking forward to seeing everyone at the next Chapter gathering on October 3rd! Don't forget that this will be our annual meeting of the membership, and directly following we will be having our annual Hangar Crawl.



Blue skies! Tom

Tom Martin EAA #1061241
President, Chapter 974
E: President@EAA974.org
C: 513-417-1430

08 September 2021 Board Meeting Minutes

6:03 p.m. - Meeting called to order by Tom Martin

Attendees: Thomas Martin, Roger McClure, Brandi Brewer, Scott Balmos, Robert Dombek, Joey Shreve, Scott Hersha, Stephen Brewer

Secretaries Report -

- August minutes reviewed.

Treasurer's Report -

- Income \$ 293.25 (\$120.00 from Rent)
- Expenses \$ 203.67
- Balance \$ 22,916.09

Young Eagles –

- The next Young Eagles event is planned for September 18th. Anyone interested in volunteering should contact Scott Balmos if interested in volunteering for the event. There are at least 12 young people that have already signed up.

Old Business -

- Chapter By-Laws being revised. Will be sent via email for review/comment and then voted upon. The addition of rental term limits was discussed.
- The need for an Operational Policy was brought up and discussed.
- Scott Hersha recommended we consider offering to other Chapters Prop Balancing for \$100 - Consider a spring workshop out to other chapters as fundraiser. Will need to investigate parameters around EAA Insurance as an event. THIS IS ON HOLD DUE TO COVID.
- Inventory and value assessment need to be completed this year for all Chapter inventory.
- Insulation in Hanger needs to be rehung by the back door – A leak was discovered in the roof that needs to be repaired before the insulation can be rehung. For this to be repaired, roofing tar and adhesive needs to be purchased.
- The question was brought up about the possibility for an investment committee to explore possible investments for the Chapter with a portion of the recent income.

A new hot water heater was installed by gracious members of our chapter

- It has been discussed that the Chapter photograph needs to be updated, as we have so many new members. A Chapter Meeting will be scheduled for this event.
- The Flying Circus will be at the Butler County Regional Airport September 11th weekend.
- MOVIE NIGHT... SEPTEMBER 11TH THE ROCKETEER WILL BE SHOWING
- A NEW GROUP PICTURE IS PLANNED FOR THE SEPTEMBER 12TH GATHERING. THE PICTURE IS PLANNED IN LIEU OF VMC.

New Business –

- There are donations in Roger McClure's hangar to be assessed and offered to the Chapter for bid. These items include: Small gauges (tach, oil, manifold, fuel pressure), MGL Avionics Startomaster, Sky Beacon Exp Nat AD35 (need ppw).
- The board discussed in the previous Chapter meeting moving the Chapter meeting to the 2^{ns} Sunday of each month. This has been voted upon and approved. Beginning January 2022, the Chapter 974 meetings will be held on the 2nd Sunday of each month.
- Rick Hogan has volunteered to discuss with the Chapter the benefits and faults of various vinyl cutters before the investment of a new cutter. Thank you, Rick Hogan.
- The investment of a Chapter 974 Hangar Heater was discussed and is highly recommended for meetings in colder months. Robert Dombek has an EB White heater in his hangar. The board will further research and come up with numbers and options to present to the chapter. The estimated price is less than \$1,500.

Upcoming Events:

- October Chapter Meeting: Elections
- November Chapter Meeting: Hangar Crawl
- December Chapter Meeting: As Usual
- Possible Christmas Party Dates: Dec: 4th, 5th, 11th, 12th

7:04 p.m. - Meeting adjourned by Tom Martin

CHAPTER CONTACTS

CHAPTER CONTACTS—HOW TO CONTACT EAA CHAPTER 974

officers@eaa974.org — will reach president, vice president, treasurer, secretary as a group

president@eaa974.org — will reach chapter president (Tom Martin)

newsletters@eaa974.org — will reach newsletter editor (Bob Dombek)

youngeagles@eaa974.org — will reach Young Eagles Coordinator (Bob Burkhardt)

techcounselor@eaa974.org — will reach technical counselor (Ray Parker)

general@lists.eaa974.org — group e-mail to all chapter members

list.admin@eaa974.org — to be added or removed from the group email list

GREATER CINCINNATI RADIO CONTROL CLUB FLYING CIRCUS Page 7

I always look forward to seeing and publishing pictures of this event. The Greater Cincinnati Radio Control Club's Flying Circus has a long history. Every year gets better due to the hard work and dedication of this group of modelers. Being able to use our airport gives great public access and allows the club to display and fly their largest and most exotic radio control model aircraft including real turbine powered jets, a rocket powered space shuttle and large models such as their 1/3 scale Red Baron Stearman team. This event is one of the very few public events held at Hogan Field every year. Chapter 974 was a direct beneficiary as we were invited to participate by displaying some of our homebuilt aircraft. Scott Balmos and I displayed my Tiger Moth and his RV9A along with a Young Eagles display. We had a chance to recruit new Young Eagles and display our RC Build and Fly Project which fit right in with the event. Chapter 974 thanks the GCRCC for this opportunity and says thanks for a great show!!

Photos: ed.



CESSNA 120/140 ASSOCIATION CONVENTION 2021

The following was submitted by Charlie Corder

I am sending a page from Cessna 120/140 Association newsletter from our 2021 convention at Peachtree Falcon Field, Georgia, location Aircraft Spruce & Specialty.

Mary Lou and I flew Cessna 140A to Falcon Field on Monday August 23, 2021! I have been a Cessna 120/140 Association member since 1980, the convention is about our beloved Cessna 120's & 140's however over the years for me it is more social event where I renew old friendships and meet new people from all corners of the USA!

Mary Lou & I joined in fly outs for the Poker Runs to see & greet people around the Atlanta Areas! The McCauley Propellor Factory was definitely very interesting to all because of the family friendly atmosphere - the employees were just as interested in us and stop to explain their job in manufacturing of the propeller!

The Local Falcon Field CAF hosted a luncheon and tour of their WWII Vintage Aircraft Hangar - Very Impressive - and we got Red Nose CAF Caps to go!



Cessna 140A N9438A Buddy

Got Award - One of the Best 140A on the 2021 Cessna 120/140 Convention Falcon Field Convention!

Buddy has long story to tell you someday starting from Cessna Factory June 10, 1949, to present!

Cessna Buddy has flown/landed in 49 USA States including Washington DC.

I personally flew/landed Buddy in lower 48 USA States.

A previous owner had Buddy in Alaska for a short time in early 1950's.

I purchase Buddy in fall 1978 after my first visit to Oshkosh EAA 1978.

The Flying Bug Bit Me at 1978 EAA Convention and less than a year later I flew Buddy to Oshkosh EAA Convention 1979.

In 1996 Buddy was completely restored in time to make 2003 Flight to Kill Devil Hills, North Carolina, Wright Brother 100th Anniversary of Flight

The story of Buddy goes on and on - What an Aircraft This Cessna Buddy has been.

Enjoy The Ride from Buddy

Mary Lou & Charlie

Photos and Text: Charlie Corder

YOUNG EAGLE ACTION!



I'll call this the Young Eagle Page. The top group are from the Young Eagle Rally on 9-18-21. Sadly, your editor missed this one, but all reports say it was great. The weather looked perfect from the pictures. These shots were sent by Greg Koedel. Thanks Greg!



The lower left pair of pictures are of Scott Balmos and Bob Dombek manning a Young Eagles Display at the RC Flying circus. Scott and Bob were invited to display their aircraft. It made for a great opportunity to recruit Young Eagles and inform the crowd about EAA and the Young Eagle program. Thanks GCRCC for the opportunity.



The lower right pair show progress in covering the chapter's RC Build and Fly project. Thanks to Brad and Paul Payne for filling in to finish the covering. It's beautiful! We hope to fly before the snow flies! Photos left ed. On right brad Payne



FALL FLY-INS... SWORFI AND TRIPLE TREE

Editors note: I love to see and publish pictures from fly-ins and other aviation events. I don't always have room to squeeze them all in as happened this month. I have shots from other events that will be seen in future editions.

Here are some shots from a couple of fall fly-ins, one local and one more distant. The top group are some views of the South West Ohio Regional Fly In, aka SWORFI. It's hosted by Todd Winemiller on his beautiful farm airstrip. It looked like a perfect day. This even always attracts a big crowd. Notice the long line for food in Todds big hangar. The air shot is Greg Koedel's champ. I'm sure son Camden is copilot! Photos sent by Brad Payne. Thanks Brad!



In the lower group are views of a big fly-in held at Triple Tree Airdrome, South Carolina. Chapter member Dick King flew down during the week of September 20-25. Dick's campsite and plane can be seen in the lower left picture. Triple Tree is host to a number of aviation events during the year, both full scale and model aircraft. It looks like quite a beautiful place. Photos sent by Dick King. Thanks Dick!



AROUND THE FIELD

I caught up with Dan Roysdon hard at work on a condition inspection on his RV12. Dan needed a differential pressure testing kit that would work on his engine which I just happened to have. Dan's RV12 is powered by a Rotax 912ULS, a nice compact power plant with lots of power for it's weight. As part of the condition inspection for an RV12, Dan says the wing is removed to check for play in the spar joiner bolt holes. The wing is light so it's not a difficult job. The hole sleeve is checked with a special gauge. It was good to see the inner workings of an RV12 up close.

Dan told me he was being extra particular and careful since this was his first condition inspection. Thanks for sharing with the chapter Dan!

Photo's: ed.



Below we see Dave Griffith working on his Piper Arrow III. Dave told me that he started out with the goal of just doing an engine overhaul, and ended up 14 months later with a complete restoration of the aircraft. This included several upgrades to the panel which can be seen in the lower right picture. I was aware of seeing Dave's hangar open almost daily over the past year so I knew he was working hard. Dave operates his Arrow at a flight school in Spanish Fork Utah. Since my visit to Dave's hangar, I've heard that he has run the engine and is working toward flight testing. Chapter 974 salutes your hard work and dedication Dave! It is inspiring to the rest of us! Thanks for sharing your efforts with the chapter!

Photos: ed.



MORE AROUND THE FIELD AND OTHER PLACES

Mike Wood always seems to show up when he is needed which is no small thing since he lives in Tennessee. In the top row, Mike and Kevin Gassert are replacing what was reported to be a broken tie down ring in the tail of Jonathan Hardwick's Ercoupe.

Photos: Al Kenkel



Second Row is Scott Brooks with his neat Cygnet. I know Scott flies it a lot. I see it in the pattern a lot. I really wanted a close up look at this neat little ship. It was built in Washington State but found its way to Florida where Scott acquired it.

He now has over 120 hours on it. Thanks Scott! Photos: ed.



The final group are shots from Bob Burkhardt showing warbird activity over the labor day week-end.

Take special note of the B-25 Berlin Express. The copilot is former chapter member Jonathan Hardwick. Way to go Jonathan! Thanks Bob for the great shots!

