

TAILWINDS



**EAA CHAPTER
974
NEWSLETTER
AUGUST 2021**



Butler County Regional Airport
Hamilton, Ohio



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AUGUST 2021 GATHERING REVIEW

Our after-Oshkosh meeting was well attended and well fed in no small way thanks to chapter secretary Brandi Brewer filling in for VP Joey on short notice to supply refreshments. Thank you Brandi and get well quick Joey! The August meeting seems to represent our Oshkosh let down (or maybe relief!) No doubt we all feel a little sad and yet relieved to be home safe. Airventure 2021 was big which was no surprise after missing last year. Charlie Corder read off some statistics: 608,000 total attendance, 6000 aircraft, 2000 experimental aircraft, 10,000 camping units representing over 40,000 campers.



Discussion Topics:

Young Eagles: Scott Balmos announced that plans are firming up for our next rally on 9/18. Stay tuned for further developments.

Movie Night: Prez Tom led a discussion about a movie night. That will happen on 9/11 with a showing of "The Rockteer", a Disney movie with lots of vintage aircraft action. It will be fun for everyone including kids and spouses.

Group Picture: It's been recognized that we are in need of an updated chapter group picture. The plan is for as many of us as possible to gather with our aircraft at the north end of the chapter hangar. We're shooting for same day as the chapter gathering. Email reminders to follow.

Lunken Days: Bob Burkhardt announced to events to take place at Lunken Airport. First 9/2-6 will be the actual Lunken Days where the B-25 will be flying, piloted by our own Jonathan Hardwick. The following weekend, on 9/11, there will be a commemoration of 9/11 with a big warbird flyover.

Project Reports:

Gary Mullens — talked about work on his gyrocopter. He has wiring problems and engine will not start.

Brian Charlton—reported that he and Josh Combs are spraying silver on Josh's Aeronca Champ.

AUGUST 2021 GATHERING REVIEW CONTINUED

Project Reports Continued:

Brian Charlton—Made special mention of the bathroom upgrade and gave special recognition of those members who donated their time and energy to its completion. They were Kevin Gassert, Bill Morris, Tim Morris.

Steven Brewer—Has a set of floats coming for one of his Aeronca's

Dave Griffith:—Working on an Arrow in row T-2. He reports working on panel upgrades and engine overhaul. Engine shows oil pressure on cranking, a good sign!

Shawn Wheeler:—announced his first flight in his RV4. A Fledge Report will follow in this edition.

Ray Parker:—Installed a new autopilot in his Long-EZ.

Mike McKloskey:—Has been working on his Zenith CH-750. He is planning to install a Corvair engine conversion. He is currently looking for a suitable carburetor.

Scott Balmos:—Flew his new RV9A to Oshkosh and reported on his high altitude flying experience. At one point he said he was at 16,000 feet.

NEW MEMBERS AND VISITORS

Please welcome new member Robin Kidder. Robin is a retired airline pilot and flew for a number of carriers including Comair, Midway, Spirit and Northwest. Robin is working with Billy Bie on gaining her tailwheel endorsement and would like to find a Cessna 170 or 180. Welcome to the chapter Robin! It's good to have you with us!



Jeanie McClure and Rosanne Fear added an extra measure of charm and color to the August gathering. Jeanie, left, is wife of treasurer Roger McClure and was helping Roger in the absence of VP Joey. Roseanne is the wife of long time chapter member Barry Fear. Thank you both for coming!!



VMC CLUB WITH BILLY BIE

Visual Illusions

Billy started us off with a discussion of visual illusions. We can become disoriented by sun angle, cloud shadows, uneven terrain, a sloping cloud deck and anything that interferes with vision such as haze thin clouds and smoke.

How do we know we are flying through clouds? If you can see through it, it's not a cloud, but you should ask yourself if you can see the horizon. Haze can keep you from seeing the horizon and distort your visual references causing disorientation. The brain hates conflicting inputs.

How to fight visual disorientation:

- In haze try to put sun at your back
- Use your autopilot if so equipped
- Use your artificial horizon
- Get off the controls and fly with feet, especially if your AC is dynamically stable

Pilots and Medications

2011 study revealed 42% pilot fatalities due to prohibited medications

Practice IMSAFE

Do some research on your meds and understand symptoms Sources: AME, Google MedlinePlus.gov

Be aware of interval between taking meds and flying safely.

Know what drugs can interfere with your ability to fly safely such as antihistamines, anything with PM, antidepressants, Diabetes meds, smoking cessation meds.

KHAO Traffic Pattern Update

Conflicts between aircraft in traffic pattern at uncontrolled field common between different types of aircraft. At KHAO we have frequent mixes of high speed, high performance and low speed, lower performance aircraft. Always be alert. Good clear communication is a must. Don't hesitate to ask other aircraft to clarify position and intentions. Frequent example at KHAO is aircraft on long final reporting at "Holger". Not always clear how far out that is.

Is it OK to announce "taxiing to runway____" FAA says OK and may help to avoid conflicting runway use when wind direction variable.

Billy, EAA Chapter 974 thanks you , as always, for another excellent VMC presentation!



Summer 2021 – Sands of Time Going Too Fast!

Hi everyone,

How is it possible that we are heading into Labor Day weekend??? The unofficial end of summer has come WAY too quickly. It seems like just yesterday we were all back in January meeting up virtually on Zoom.



Well, I'm certainly glad those days are a fading memory, but I'm still not sure how the months of spring and summer have slipped by so quickly.

The fortunate part is that we have some great aviation events, and flying days yet ahead before the snow starts to blow and most hangar doors remain closed.

I'm going to make this month's Prez Says short as Bob Dombek, our amazing Newsletter editor, has put together an action

packed edition this month ranging from Oshkosk to all of the amazing progress being made on projects around the field.

Be sure to look through all of the upcoming date reminders. With Lunken Days as well as events to commemorate the 20th anniversary of 9/11 coming up quickly there are certainly lots of special aviation events around town to see and be a part of.

Looking forward to seeing everyone at the next Chapter gathering on September 12th! Until then keep flying and stay safe.

Blue skies! Tom



Tom Martin EAA #1061241
President, Chapter 974
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CHAPTER BOARD MEETING MINUTES AUGUST 4 2021

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

Attendees: Thomas Martin, Roger McClure, Brandi Brewer, Scott Balmos, Robert Dombek, Ray Parker

Secretaries Report -

July minutes reviewed.

Treasurer's Report -

Income \$381.00 (\$120.00 from Rent)

Expenses \$ -

Balance \$22,852.25

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.

Old Business -

Chapter By-Laws being revised. Will be sent via email for review/comment and then voted upon.

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.

New Business –

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 new group picture is planned for the September 12th Gathering. Please plan to attend early if you would like to be in the picture. This includes your aircraft!

The Flying Circus will be at the Butler County Regional Airport September 11th weekend.

MOVIE NIGHT... SEPTEMBER 11THROCKETEER WILL BE SHOWING

6:58 p.m. - Meeting adjourned by Tom Martin

Respectfully Submitted, Brandi Brewer, Chapter Secretary

On this page are chapter 974 aircraft that flew to Airventure 2021. Several members camped with their aircraft and reported excellent amenities in the Homebuilt Camping area. The editor thanks all who answered the call for photos of their ships and campsites. I hope none were missed. The ultimate adventure is camping with your aircraft. Photo credits go to those names shown in each photo.



JOHN LABARRE BUCHER JUNGMANN



ROLF HETICO RV8A



SCOTT BALMOS RV9A



STEVE MELTON RV7A



DICK KING GLASTAR



SCOTT HERSHA RV4



RAY PARKER VARI-EZ

THE COMPOUND 2021



Photos: ed.



FLEDGE REPORTS

Two chapter aircraft flew out of the nest (fledged) in August. Here are the pilot's reports. Congratulations to Shawn Wheeler, RV4 and Bob Dombek, Tiger Moth!

After 9 longggggg years, my RV-4, N67SW took to the air yesterday evening , 8-5-21, around 19:30. My initial apprehension quickly faded away as the flight was uneventful. My engine temps were all in the green and the plane performed as designed. I had Eric Ervin following me in his Piper Malibu to provide airspeed checks and outside observation . The flight was 45 min and what a thrill. I can't wait to fuel her up and do it again. I would like to thank Ray Parker, Scott Hersha, Bill Duffy, Bruce Brielmaier, Brian Charlton, Steve Melton, and Eric Ervin for their labor, advice, and encouragement over the last several years.

Photos: Shawn Wheeler, Eric Ervin



My Fisher Flying Products R-80 Tiger Moth took to the air 8-26-21 around 1:30 PM EDT after 17 years. My original idea of building a wood replica project became both satisfying and seemingly endless. I kept the first flight short at about 10 minutes due to higher than expected oil temperature. Otherwise, the controls felt good and I never had the feeling of fighting it. She'll need some tweaks but what a great feeling to get this far. Many chapter members helped along the way, but a heartfelt thanks goes to Tech Counselor Ray Parker who always seemed to be there when I needed him most!

Photos: Bill Morris



MERFI 2021 AT GRIMES FIELD, URBANA, 174

With all the health and safety precautions required by the Covid 19 pandemic, there is nothing like the fresh air of a good local fly-in to ease the sense of being closed in. After missing this last year, it was a real treat to attend the Mid-Eastern Regional Fly-in, aka MERFI. Of the past several years it has been held at Grimes Field in Urbana. As in recent years it included a car show. The attendance looked pretty good all things considered. I think there were more cars than airplanes. I must confess that I enjoyed looking at the vintage cars almost as much as planes. I was really smitten by the 1930 Model A Ford pictured on middle right. There was also a beautiful '57 Chevy Belair nearby that really caught my eye. This turned into sort of a father-son event for two chapter members who flew their dads to MERFI, Scott Balmos and Brad Payne. How great is that?! Way to go guys! Thanks to those who organized MERFI for a great event! Photos: ed.



KEVIN GASSERT'S ANNUAL 974-WARBIRD SQ 18 PICNIC Page 11

Kevin Gassert's annual gathering is always something to look forward too. Of course when Chef Mike Wood is there to man the grill the goodies always taste that much better! This year the picnic took place on 8/21 along with other events such as Hogan's Family Reunion and MERFI up in Urbana. It made for an active and fun day at Hogan Field.

Kevin's picnic is a combined event including EAA Chapter 974 and Cincinnati Warbird Squadron 18. It eases our post Oshkosh let down.

Thank you Kevin for hosting the event and thanks to all those who worked hard to set this up!

Photos: ed.



PROJECT REPORTS, YOUNG EAGLES RC AND JOEY'S EAGLE

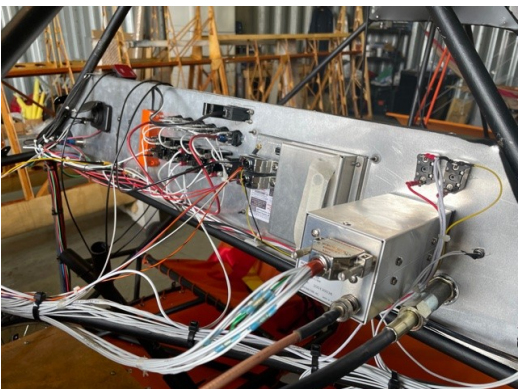
This month is a report on eagles, namely the Young Eagles RC Build and Fly project and VP Joey Shreve's Double Eagle. In the top group the Young Eagle build crew has begun the covering process on their Kadet RC plane. The covering is done with a material called Monokote. It is applied with a sealing iron which first activates the adhesive then shrinks the material to remove wrinkles and makes it smooth. It is very similar to the newest covering process for full scale airplanes known as Oratex.

Photos: Greg Koedel



Seen below is Joey's Double Eagle. From left to right, his panel wiring is well along. The middle shot shows the empennage installed and rigged. On the right is the engine, now fully mounted and getting closer to a test run with prop. If you look carefully in the background, you will see the wings fully repaired varnished and ready for cover. Joey had hoped to have been ready to test fly by fall but realizes more time is needed. Good for you, Joey! Chapter 974 supports you in the construction of a safe and airworthy aircraft! It's looking great, and your patience will be rewarded!

Photos: ed.



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

COMING EVENTS

SEPTEMBER 2-6—LUNKEN DAYS INCLUDING 8-25 RIDES

SEPTEMBER 5—TAILDRAGGER FLY-IN AT RED STEWART FIELD, WAYNESVILLE, 401

SEPTEMBER 11—COMMEMORATION WITH WARBIRD FLYOVERS

**SEPTEMBER 11-12—RC FLYING CIRCUS AT KHAO 11:30-4:00 BOTH DAYS
FIELD CLOSED SEPT 11 FOR RUNWAY WORK**

SEPTEMBER 11— CHAPTER 974 MOVIE NIGHT—"THE ROCKETEER"

**SEPTEMBER 12—CHAPTER 974 CHAPTER GATHERING, GROUP PHOTO WITH AIR
CRAFT IMMEDIATELY FOLLOWING THE GATHERING**

OCTOBER 3—CHAPTER 974 GATHERING.

NOTE: KEEP WATCH ON CHAPTER EMAILS FOR UPDATES AND CHANGES.