

EXPERIMENTAL AIRCRAFT ASSOCIATION - CHAPTER 55

NOVEMBER 2021

Meetings are the 2nd Saturday of each Month

EAA Chapter 55 Hangar; Mason Jewett Airport; 643 Aviation Drive, PO Box 443, Mason, MI 48854

→President: Drew Seguin 517-333-4531 →Vice-President: Doug Koons 517-676-5001

→Treas: Al Spalding 517-881-8757 →Secr: John Kuchar 517-203-9976 →Editor: Deanna McAlister 517-795-8171

→YE Cordinator: Margie Clark → Webmaster: John Bobcik → Youth Group: Jeff Shaud → Membership: Vickie Vandenbelt

→ Flight Advisor : Terry Lutz → Adult Eagles : TBD

www.EAA55.org



PRESIDENT'S MESSAGE

by Drew Seguin

ea55.president@gmail.com

On a Brighter Note

EAA Technical Counselor Carl Franz was awarded the Tony Bingelis Award this year. Carl has done tech inspections on nearly every airplane project in the area. It's nice to have a qualified set of eyes come and look over your project and Carls' input has helped many a builder. You may have seen his RV-4, painted up in Navy Blue.

We've lost a friend

In case you haven't heard, we lost Ted Gauthier November 5. He was flying his RV. Ted was a D.A.R. and did the FAA signoff for nearly every Homebuilt Airplane in Southeast Michigan, including both of mine. Ted was also a balloonist, a carpenter, boat restorer, and on and on. He was always available to answer questions and help with airplane projects. I don't know how I would have made it through the paperwork of my last project without his help. With one exception, I can't think of any homebuilt airplanes certified in the last ten years that Ted didn't do.

Rest in Peace, Ted.



Congratulations Carl!



Chapter 55 Officer's Elections are this month

Hopefully you've received notice about the upcoming Officer's elections. They will be held at the November Chapter 55 meeting. The term is two years and the candidates are as follows:

President:

- Margie Clark

- Rick Laub

Vice President:

- Scott Basel

Secretary:

- John Kuchar

Treasurer:

- Gabe Blosser

- Drew Seguin

There are two ways for you to cast your vote.

- 1) We will hold elections at the November 13 Chapter meeting
- 2) You can vote by proxy by sending an email to Al Spalding at ajsgolfdog@aol.com

Proxy votes must be received by 5:00PM on Friday, November 12, 2021

CRAA Master Plan Review

And finally, Capital Region Airport Authority has updated the master plan for Mason-Jewett Airport. There will be a public review event at the Chapter 55 hangar this Wednesday from 4 to 6 PM. Come out and take a look.

OBTW: We need a few volunteers to help with setup at 3:00. Come and give a hand if you're available.

And I hope to see you on Saturday.

Stay safe and keep flying!

Drew Seguin

Subsonex Jet. YeeHii!



**EAA Chapter 55 Board of Directors Meeting
October 6, 2021**

The meeting was called to order by President Drew Seguin at 7:04PM

Present were Drew Seguin, Doug Koons, Al Spalding, John Kuchar, Mark Bathurst, Joe Madziar, Warren Miller, Jeff Shaud, Gabe Blosser, and Ken Drewyor. Absent were Clarke Borgeson, Rick Laub, and Chloe Miner. →The Secretary's Report for August was presented; Doug Koons made a motion to accept, Joe Madziar seconded, the report was accepted. The Secretary's Report for September was presented; Joe Madziar made a motion to accept, Gabe Blosser seconded, the motion was accepted. □The Treasurer's Report for September 30, 2021 was introduced; Joe Madziar made a motion to accept, Gabe Blosser supported; the motion was approved. →The Ray Scholarship Committee report is that funds are available for the candidate to begin flight lessons. Al Spalding reported that the Chapter received a deposit of \$4,000 for disbursement to our Ray Scholarship candidate for her flight lessons. Joe Madziar made a motion to deposit the funds to Crosswinds Aviation to receive a 6% discount on the cost of the lessons, Ken Drewyor seconded the motion; the motion was approved. The next disbursement from EAA Headquarters will happen when she solos. →The Youth Group report from Jeff Shaud is the engine work continues and once it is completed they will begin learning how to read micrometers and precision measuring instruments. The were given an example of how small a hair is in relation to the measurement that are required in precision engine work. Five of the Youth Group members

were given Young Eagles flights to give them a feel for flying in a small plane. → The membership meeting presentation for November will be by Terry Lutz and the December presentation might be by the FAA. Dave Courey is working on getting a presentation together for a future date. □ Chapter elections are this November and candidates are needed. → The Christmas party is this December. Gabe Blosser made a motion to allocate \$300 to Margie Clark to purchase food and supplies for the dinner, John Kuchar seconded the motion; the motion was approved. □ The Compass Rose project is awaiting CRAA to mark out the designated location. □ The Newberry Scholarship will check to see if our Ray Scholarship recipient can receive a Newberry grant also. We would also like to see LCC students receive some funds also. Joe Madziar will set up a search committee for a recipient. Drew Seguin volunteered for the search committee.. □ Gabe Blosser made the offer to hangar the CAP aircraft if the Chapter can't hangar their plane.. □ No further business was discussed.

The Meeting adjourned at 7:47PM

Respectfully Submitted, John Kuchar, Secretary EAA Chapter 55

EAA Chapter 55 Membership Meeting October 9, 2021

- The meeting was called to order at 9:33AM by President Drew Seguin with 33+ members attending.
- Drew thanked the breakfast team of Terry Lutz and Jeff Stetson and announced the

- November team. Kirk Curtis, John Vandermolen, Steve Houghton, JulieAnne Miller, Margie Clark, and Dawn Koepplinger will be the team for November.
- The Secretary's report for August and September was presented. Bill Puroskey made a motion to accept, Jeff Stetson seconded; the motion passed.
- The Treasurer's report August 31st was introduced; Greg Harris made a motion to accept, Joe Madziar seconded the motion; the report was approved.
- The Youth Group had a donation of four desks from Rocky Shepard. The group will meet the 24th of this month and is planning on having a few Young Eagle flights. Work is continuing on the engines tear down and making measurements of the components,
- The Ray Scholarship grant has been made to Anna Folger to start her flight lessons and earn her private pilot license.
- Young Eagles flights have ended with 291 Young Eagles flown this season and over 5,248 for the chapter in total.
- The Tuesday Potlucks are still continuing with a dozen attending the last potluck. Gabe Blosser even learned how to make lasagna and had enough left over to provide for the next week's potluck.
- Terry Lutz will do the presentation for the November meeting and the FAA will do December.
- Officer elections are in November and we need candidates to volunteer to serve the as chapter leaders. One board position may be open in addition to the President, Vice President, Secretary, and Treasurer positions.
- No progress compass rose pending CRAA designation the location. Great Lakes Air Venture and the Boy Scouts will be doing the project.
- The Christmas party is planned for this December 4th at the EAA hangar with Margie Clark handling the meal.
- The Newberry Scholarship is accepting applications with the period for submission ending at the end of this month. Drew Seguin, Dan Schiffer, and Joe Madziar handling the review process.
- There is interest in a proposal to buy dinner plates and a commercial dishwasher in place of using paper and Styrofoam plates for the

chapter meals. A committee will need to be formed to look at the cost and feasibility to do this.

- The meeting was adjourned at 10:00AM..
- Respectfully Submitted, John Kuchar, Secretary EAA Chapter 55

BOARD MEETING: 7:00pm: Wed: Nov. 10th
MEMBERSHIP MEETING: 9:30am; Sat; Nov. 13th
with Breakfast served from 8:00am to 9:00am

**Thank you, October Breakfast Team:
Jeff Stetson and Terry Lutz!!**



November Team

Kirk Curtiss
John Vandermolen
Steve Houghton
JulieAnne Miller
Margie Clark
Dawn Koeplinger

December Team

Stan Chubb
Bill Long
Dan Schiffer
Andrew Walczak
Nathan Usher
Bob Clar

SCHEDULED PROGRAMS:

**CONTACT DAVE COUREY or DREW SEGUIN
WITH YOUR PROGRAM SUGGESTIONS**



**YOUNG EAGLES COORDINATOR
by Margie Clark
(margie@eaa55.org)**

We have new registration forms for Young Eagle flights. They are in the blue topped storage box by the bulletin board along with certificates, log books and pilot pins to give to your young flyers. If you have old registration forms please destroy them per National EAA request. If you are still flying youth please use the new registration forms. Every youth flown up to December 31 will raise our totals. To date we have flown 291 youth this year. Thank you so much to the pilots that have made this happen.

THE EAA MISSION: To grow participation in aviation, by inspiring people to fly, build, volunteer and outreach to promote aviation.



**MEMBERSHIP
by Vickie Vandebelt
(EAA55.mems@gmail.com)**

NEW MEMBERS: Chapter 55 welcomes Shyre Lantrip who is working on his ground school endorsement. We also welcome new student member Dani Raiche.

CONDOLENCES: To Al Spalding on the loss of his mother.

2022 MEMBERSHIP DUES: As another year draws to a close, it becomes time to think about submitting your dues for the 2022 year. A renewal form is attached for your use. The renewal form can be completed and mailed to our POB or left in the folder for the Treasurer (for everyone's protection,

please do not leave cash). We ask that you complete the renewal form even if you are paying at a meeting so that we can keep the information on our website up to date.

CRAA NEWS: It's always so heartwarming to find out that little things really do make a difference. CRAA Lansing received the following note via email (pilot has yet to be identified that I know of):

Sent: Monday, October 25, 2021

To: publicrelations@craa.com

Hello! This past Saturday, my family visited the Mason Jewett Airport for our almost 2 year old to watch the 'eh-panes' fly and taxi. While we were watching through the chain link fence a gentleman fueling a Piper plane waved and chatted with us. We did not catch his name, however, he offered to let us ride in his plane as he taxied over to an airplane hangar to park. Our child was overjoyed as were we! This was a once in a lifetime experience for all of us. The pilot said he was part of a local airplane club, thus if you could thank him on our behalf we'd appreciate it. Again, please extend a thank you to him and the airport for their friendly spirit and hospitality.

CHRISTMAS APPROACHES: Looking for a different gift to give this year?? Maybe someone in your family or circle of friends would like an American Flag or Armed Services Flag?? Or, if they live in the Mason area, perhaps sign them up for the America Legion Flag Program ?? Information included in attachments.

AIRPORT DIRECTORIES: Do you happen to have a 2021 Michigan Airport Directory that you do not need or even a 2020 Directory that you haven't pitched yet ?? I have need for a couple of copies. If you have one, you can leave it on my folder on the directors table. Thanks in advance !!

ATTENTION PILOTS: Please sign the **Airport Register** each time you make a flight whether it is to another airport or just local practice at your own airport. It is important for airport funding but also serves several other purposes.

WHY SIGN THE AIRPORT REGISTER:

- Document use of the airport
- Show community leaders what activity is at their airport
- Document where itinerant users come from
- Estimate annual operations
- Assist in location the pilot of an aircraft parked

-Assist in locating aircraft reported missing
An Airport Register is located in the Mason Jewett Terminal Building and another is located in our chapter meeting room for your convenience. So, please take a minute to record your flight activity wherever you go flying – even if it's just to poke a couple of holes in the sky !!

DO YOU HAVE ANY MEMBER NEWS OR INFO TO SHARE?? Contact Vickie 517-483-3692 or vickie7463@gmail.com

HANGARS FOR RENT AT TEW:

Lloyd Brown; 517-589-8619

Tom Tuttle; 734-216-7532

Gabe Blosser; 517-896-0020

Tim Martinson; see Classifieds



YOUTH GROUP

By Jeff Shaud

jlshaud@wowway.com

Welcome New Member

Welcome new Young Aviators youth group member Dani R. It was nice having you join us for our meeting on Sunday October 24, 2021

November Meeting Schedule

Big changes in our meeting schedule for November 2021! Mr. Shaud will be out of town on the second Sunday of this month (November 14, 2021), therefore; we will not meet on this day. Also, because of the close proximity to the Thanksgiving weekend, we will not meet on the fourth Sunday of this month (November 28, 2021). Please enjoy the holiday weekend with your family. We will, however, have a single November **meeting on Sunday November 21, 2021 from 2:00 PM until 5:00 PM at the EAA chapter 55 hangar.**

It's Parade Time!

Every year, EAA 55 decorates a float for display in the **Mason City Holiday Lighted Parade**. This year the holiday parade will take place on the evening of Friday November 26, 2021 through the streets of downtown Mason. Line-up will start at 5:45 PM at Bond Park, and; the parade will step-off at 6:15 PM. To accomplish the task of decorating the float, **I am asking the members of EAA 55 Young Aviators to**

volunteer their time during our youth group meeting on Sunday November 21, 2021 from 2:00 PM to 5:00 PM (or longer, if you would like to stay) to assist in the decoration of the chapter float. The chapter plan is to decorate the "people mover" trailer, which is currently located in the builders hangar. Don't forget to wear clothing you won't mind getting a little dirty. So, come on out and enjoy the festivities of decorating the float and enjoy some cider and donuts!

Internal Combustion Engine Update

Work on our internal combustion engines is coming along well! During our last meeting on Sunday



October 24, 2021, we were able to disassemble the new "hemi" engine and discover the differences between it and the parallel valve engines we had disassembled in previous meetings. By looking at the valve arrangement, we were able to determine the cylinder head configuration of the hemispherical (hemi) combustion chamber appears to be more efficient than the parallel valve cylinder heads. This is mainly due to the intake and exhaust valves not being shrouded by the combustion chamber.



At our last meeting we were also able to get all three engines completely disassembled with the crankshafts, camshafts, connecting rods and pistons completely removed from the engine crankcases. During our December meetings we will begin the process of precision measuring these components to assure their compliance with service wear limits.



See you at the chapter hangar!



LCC - MASON JEWETT CAMPUS

By Mark Bathurst

(bathursm@star.lcc.edu)

As the world continues to grapple with issues presented by COVID-19, the global aviation maintenance industry also faces new challenges. The current situation is atypical, but maintenance requirements do not change, and maintenance tasks have actually increased due to the pandemic. Aircraft emerging from storage require additional inspections and operational checks prior to release for flight. The myriad of other changes and challenges that face industry leaders today are much different than those of even two short years ago. Amongst those challenges are: shortage of qualified personnel, new aircraft fleet growth, innovative technologies and technical training trends.

After several years of record growth, the **2021-2031 Global Fleet and MRO Market Forecast** by Oliver Wyman depicts one of cautious optimism. While the initial recovery is slow, the aviation industry is set to move to pre-pandemic levels in 2022, and then with steady growth through 2031. The slower growth will likely increase the rate of retirement of older aircraft and fast-track a needed shift to technology-based solutions and expertise for aviation maintenance professionals.

Technology is changing the way aircraft are maintained today. Additive manufacturing processes, 3D printing, the use of artificial intelligence (AI) in predictive maintenance, block chain and drones are just a few of the technologies that are revolutionizing how aviation is performed, with manufacturers and fleet managers quickly realizing their advantages and efficiencies. A small unmanned aircraft system (sUAS) utilizing advanced imaging software to inspect for cracks or problem areas during an aircraft skin inspection, for example, is less costly in terms of technician time and other resources. Using a drone to conduct tedious and redundant inspections allows maintenance technicians to concentrate on more specialized tasks.

The recent slowdown in aircraft deliveries has resulted in an unanticipated and unique dilemma for aviation maintenance technicians. Not only are technicians responsible for the unforeseen return-to-service special maintenance activities brought on by the pandemic, but they must also continue to maintain legacy aircraft and work on next-generation platforms. To meet the increased demand and maintain proficiency, Maintenance Repair and

Overhaul (MRO) organizational leaders are increasing training in specialized areas. Aircraft predictive maintenance analytics, non-destructive testing techniques, advanced composite repairs and troubleshooting are just some of the areas MRO managers are focusing on in their revised training agendas.

Many of these industry trends will migrate to our curriculum as the FAA introduces changes to the Part 147 program in the near future. The good news is that we are ready for the changes and well equipped to meet the new industry demands



EDITORS PROLIX

By Deanna McAlister

(zirconmoons@gmail.com)

See you at the airport!!!

Contributions, corrections and additions to "WingTips" are welcome and can be made by contacting Deanna McAlister (zirconmoons@gmail.com)
Deadline: 1st of each month.
Joe Madziar "Breakfast Teams" (madziars@msn.com) and Dave Courey "Monthly Programs" (dcmi@reagan.com)

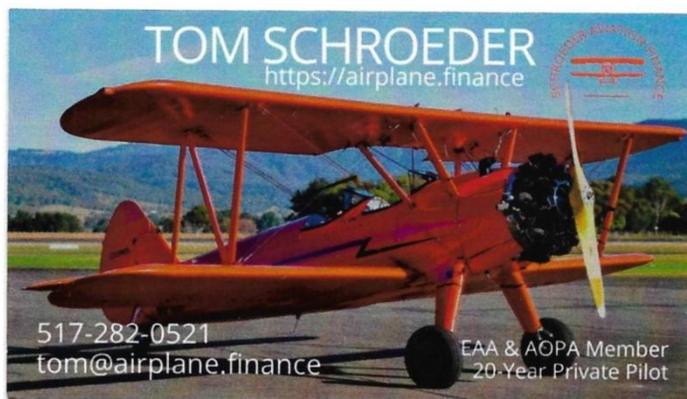
WANTED:

Ray Scholarship Coordinator is in need of a laptop (PC based) donation for our selected candidate to run one of the approved PPL ground school programs. Contact Jeff Shaud @ 517-712-6482.

CHAPTER 55 CLASSIFIEDS FOR SALE:

Chapter 55 T-Shirts; size L or XL; only \$15.00 each for chapter members. Vintage Chapter 55 Sweatshirts; size L or XL; only \$15.00 each.

Pure Michigan Maple Syrup John & Connie Bobcik 517-543-8238; jbobcik@gmail.com We can deliver to EAA hangar for pick-up.



FOR RENT:

Space for rent in common hangar; best for low wing but might accommodate high wing aircraft. Tim Martinson; 517-803-0462; tmartins1575@yahoo.com

Do you have anything you want to sell?? Additions and corrections, contact Deanna McAlister zirconmoons@gmail.com

EAA55 = PILOTS, PLANES & BUILDERS:

Here is a list of those who are working on homebuilts and/or restorations, as well as pilots and their planes ... Additions, deletions & corrections appreciated:

- David Alexander; Aventura II
- Mark Bathurst; Cessna 172
- Gabe Blosser; Bushmaster SuperCub Amphib
- John & Connie Bobcik; Kitfox 7SS
- Ivan Bradley; Zenith CH650B
- John Caron; Cessna 172
- Stan Chubb; Beechcraft Debonaire
- Lewis (Bob) Clark; Cessna 172
- Randy Coller; Cessna 182 & Hot Air Balloon
- Dave Cook; RV-6A (w/Greg Hover); Taylorcraft Ultralight
- Kirk Curtis; Cessna 182
- Ken Drewyor; Kitfox (sold); Mooney M20C
- Adam Fogg; Piper Warrior II
- Donald Frank; BE35P
- Mike Franzago; Stearman; Starduster project
- Ralph Gregus; Zenith CH750
- Dave Groh; Stearman; Citabria; Beechcraft Bonanza; and Travelaire; PT-17; AT-6 restorations
- Chuck Hacker; Zenith 701
- Greg Harris; Zenith 750 project
- Ward Harris; Cessna 177B
- Steve Houghton; RV-7A

- Greg Hover; RV-6A (w/Dave Cook)
- John Karlen; Cessna 340
- Dawn Koepplinger; Cessna 172; Aeronca Sedan
- Doug Koons; Glastar (w/Bill Purosky)
- Rick Laub; Sling 4 project
- Terry Lutz; Luscombe & RV-8
- Doug MacKenzie; Zenith 701
- Tim Martinson; RV-6A & RV-12; RV14A project
- Don & Deanna McAlister; Cessna 172A
- Warren Miller; Fisher303 Ultralight
- Chuck Moore; REVO Lt Sport Evolution & RV12
- Gary Nicola; Beechcraft Bonanza & Grumman Traveler restoration
- Jim Palmer; Glasair III
- Bill Purosky; Glastar (w/Doug Koons)
- Pat Salow; Zenith 701
- Dan Schiffer; Bell Helicopter
- Tom Schroder; Cessna 172
- Drew Seguin; Carbon Cub EX2 & Carbon Cub EX3 project
- Jeff Shaud; RV-7 project
- Tom Sheehan; Cessna 170 & Aerosport
- Jim Spry; RV-8
- Jeff Stetson; Aeromot Ximango
- Bruce Thorburn; Cessna 206
- Ken Vandenbelt; Cessna 172; Cessna 170; Stearman project
- David VanderMolen; Zenith 750 project
- John VanderMolen; Zenith 750 project

Mason Jewett Field FBO:
Great Lakes Air Repair
517-525-3673
Maintenance - Painting - Upholstery - Engines

**FLYERS FROM OTHER AIRPORTS
POSTED IN TEW TERMINAL (with
thanks to Mark Bathurst)**

WEB EVENT CALENDARS:

- <http://www.eaa.org/en/ea/events>
- <http://www.fly-ins.com/>
- <http://www.michigan.gov/aero/>

WINGTIPS is published monthly by *EAA Chapter 55 of Mason, Michigan*, for the use, education and enjoyment of Chapter members and supporters. Accurate information transfer is our goal; however readers should verify dates and times prior to attending an event.

DEADLINE FOR SUBMISSIONS is the last Saturday of the month. The Editor reserves the right to edit all submitted material. Photos, sketches or artwork sent by email must be in JPEG or BMP format. Text must be in a Word format or copyable from the email. Submissions may be sent by regular mail and must be accompanied by prepaid postage if you want them returned. Submissions should be sent to: Deanna McAlister, Newsletter Editor.

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