

EXPERIMENTAL AIRCRAFT ASSOCIATION - CHAPTER 55

APRIL 2019

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: Margie Clark 517-853-1418

→Treas: Al Spalding 517-881-8757 →Secr: Vickie Vandebelt 517-589-5051 →Editor: Deanna McAlister 517-795-8171

www.EAA55.org



PRESIDENT'S MESSAGE

by Drew Seguin

(president@eaa55.org)

Well it's here now! Spring that is. I hope you've been able to enjoy the nice weather we've had in fits and starts. It's Michigan. I flew the Cub over to Maple Grove for some soft field work with the Bushwheels a few weeks ago. There was a bit of light snow on the field so I figured it would be good to go. I didn't count on the water and mud. It went everywhere as I slid down the runway. It wasn't a safety issue as the cub has plenty of rudder authority but I did have to wash the plane afterwards. The nice thing about Bushwheels is they don't leave ruts. They just float over the top of it.

I had the good fortune to attend Sun-n-Fun this year. I've only been once before and that was long ago. Lots of interesting stuff to see. It was a good visit but I'm afraid it might turn out to be rather expensive.



At this month's meeting we will be voting on changes to the Chapter Bylaws. They aren't significant with regards to what we are about but they are necessary for the Chapter to qualify as a 501c3 non-profit



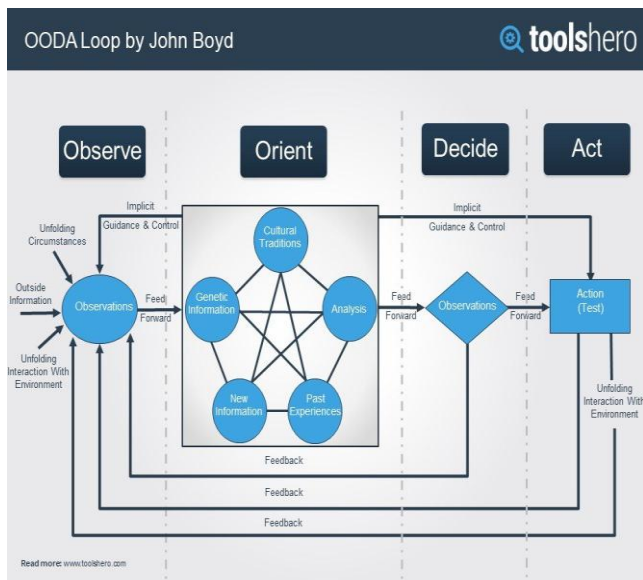
organization. The change will allow contributions from our benefactors to be fully tax deductible. This includes contributions to our Young Eagles program, Chapter Education presentations, and Newberry Aviation Scholarships. You probably know that Jeff Shaud is working to put together a Youth Group. Non-profit status could be very helpful with these efforts.

The revised bylaws were sent via email to all active members for review. You can vote by proxy or better yet come to the April 13th meeting and vote in person. This is an important step forward for Chapter 55. And special thanks to Bill Purosky for shepherding it through. It's taken a good while and patience is a virtue.

Please also notice the attached flyer on photos for the 2020 Chapter calendar. Carol Spry will be looking after the project and she always comes up with some great pictures. We'd like to get additional material from any and all members. Send you goodies to Carol. They don't have to be from this year and if they aren't used this year we can use them in future calendars and for that matter other Chapter flyers, etc.

Please note that if there's children in the picture we need to get a signed release form.

Finally, I know that many of you were sorely disappointed to miss the graphic of the OODA loop from last month's newsletter. It seems to have escaped into cyberspace. No problem though. We were able to wrangle it back and it's here now.



Meanwhile, with Spring here we're into fly-in season. Let's hope for a great season of flying, Dawn Patrols, Young Eagles, and the like. We need all the help we can get to pull this off, so I look forward to your participation, ideas and enthusiasm.

UPCOMING BREAKFAST TEAMS:

<p>April Dick Bacon Don Frank John Kuchar Deanna McAlister Don McAlister George Moore Vivian Stevenson (student)</p>	<p>May Clark Borgeson Kurt Crandell Brian Eakin Ralph Gregus Gordon Hempstone Tim Martinson Greg Shannon</p>
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March breakfast team:

Ward Harris, Rick Laub, Kurt Immekus and Carl Zayata.

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

SCHEDULED PROGRAMS:

APRIL:

Chapter 461 presentation on Youth Groups

MAY:

Mike Lutz; Investments-Estate Planning & Aircraft/Hangars

JUNE - JULY - AUGUST:

Young Eagle Rallies

SEPT - OCT - NOV - DEC:

Suggestions? - contact Dave Courey

EAA 55 Chapter 55 Board of Directors Meeting

March 6, 2019 → Meeting was called to order at 7:00pm by President Drew Seguin. → Present: Drew Seguin, Margie Clark, Al Spalding, Vickie Vandenbelt, Mark Bathurst, John Bobcik, Bob Clark, Doug Koons, Joe Madziar, Bill Purosky, Jeff Shaud and Ken Vandenbelt. → Absent: Warren Miller. → Secretary's Report February 6, 2019; Mark Bathurst made a motion to accept; Joe Madziar supported; motion carried. → Treasurer's Report January 31, 2019; Vickie Vandenbelt made a motion to accept; Bill Purosky supported; motion carried. → Treasurers Report February 28, 2019; Vickie Vandenbelt made a motion to accept; Bob Clark supported; motion carried. → Vickie Vandenbelt made a motion to approve the Dawn Patrol advertising budget for \$750; Margie Clark supported; motion carried. → Vickie

Vandenbelt made a motion to approve the Mason Aviation Day advertising budget for \$750; John Bobcik supported; motion carried. → Dawn Patrol and Mason Aviation Day price list discussed; pricing to remain same except sandwich prices to be increased Pork BBQ \$4.00; Brats \$4.00; Hot Dogs \$3.00. → MAD airplane rides will be provided by Great Lakes Air Ventures and New Standard Bi-Plane rides provided by Waldo Wright's Flying Service. No helicopter rides. → Vickie Vandenbelt will do up the volunteer worker sign-up sheets. → Vickie Vandenbelt with revise flyers and take care of printing. → BOD again authorized use of up to 125 MAD "Free Breakfast" certificates for promotional use. → Corporate Status 501c3; application was assigned to agent on 2/11/19; some additional information requested by 4/3/19; still pending. → 2019 Programs; April and May are set and Tracy Tillman has been asked to do prop & magneto safety program in fall; will also try to schedule another Wings Proficiency Program. → Newberry Aviation Scholarship recipients have been invited to our Saturday meeting. → EAA55 t-shirts; have 28 pre-orders at \$10 each; Mark Bathurst made a motion to purchase extras for sale to public based on price break of purchase; Margie Clark supported; motion carried; will review pricing at April meeting. → EAA55 Calendar 2020; Drew Seguin presented guidelines; BOD discussed and he will get out to members. → Website Email Links; Drew Seguin will send an email to each one and ask if it is still in use; will delete all unnecessary links. → Member of the Year Criteria; BOD reviewed; Drew Seguin made a motion that sitting Board Members cannot be nominated; 11 in favor; 1 opposed; motion carried. → Member of the Year nominations reviewed; member selected. → American Legion Flag Program; Joe Madziar made a motion to approve \$40 for the 2019 flag program; Bill Purosky supported; motion carried. → Mason Area Chamber of Commerce Street Banner; Vickie Vandenbelt made a motion to approve \$200 for the 3-year MACC street banner program; 11 in favor; 1 opposed; motion carried. → Youth Program; Jeff Shaud would like to work on more youth activities and develop a Youth Program within the chapter and hopes to garner member participation with hands-on and skill activities. → Greg Rheeder has vacated our storage hangar and we can advertise space available. → Meeting adjourned at 8:35pm. → Respectfully Submitted, Vickie Vandenbelt, Secretary

EAA 55 Chapter 55 Membership Meeting March 9, 2019 → Meeting called to order at 9:30am by President Drew Seguin with 35 members and 18 guests present. → Following the National Anthem, Drew Seguin thanked breakfast team and announced the April team. → Guests and visitors were introduced. → Secretary's report of 2/9/19 approved. → Treasurer's report 2/28/19 approved. → Young Eagles; Margie Clark talked about our new rally registration hours of 10am to noon; volunteers needed and welcome. → Newberry Aviation Scholarship; Doug Koons introduced our recipients Alisia Lira and Darian Balsar; who are current students in the LCC program. → Programs; in April, members of Chapter 461 will present regarding their Youth Group Organization, its development and growth; give thought to what Chapter 55 might be able to do. In May, member Michael Lutz will present information about financial planning and aviation. We are investigating another Wings Program for the fall. → Events Planning Meetings are held at the beginning of the BOD meeting on Wednesday preceding the second Saturday; all members interested in helping with tasks and planning prior to events are encouraged and welcome to attend (even if just check out the effort that goes into the planning). → EAA55 t-shirts will be purchased based on pre-orders with additional amount for sale to public. → EAA55 Newsletter; pictures and articles welcome each month. → Karen Meirndorf presented info about the upcoming Relay for Life and the lucky winner of the 50/50 was Gary Nicola. → Member Profiles really need updating on our website; contact Vickie@eaa55.org if you would like a form to complete. Meeting adjourned at 9:58am and Todd Trainor presented an update on the Sandbar Mitchell restoration project. → Respectfully submitted, Vickie Vandenbelt, Secretary

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



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

See you at the airport.



TIDBITS

by Vickie Vandenberg (vickie@eaa55.org)

NEW MEMBERS: Chapter 55 welcomes new member David VanderMolen, who is working on a Zenith 750 and is also President of Spartan Wings here at Mason Jewett.

NEWBERRY AVIATION SCHOLARSHIPS

2018/2019: EAA Chapter 55 has named five students as recipients of their Newberry Aviation Scholarship for 2019. Aaron Taylor and Anthony Guthrie are students in the Flight Training Program at Eastern Michigan University. They were each awarded a scholarship in the amount of \$600. Alisia Lira was awarded a scholarship in the amount of \$1,500 and Darian Balser was awarded a scholarship in the amount of \$1,000. Alisia and Darian are both students in the Lansing Community College School of Aviation Technology located at Mason Jewett Field, Mason, MI.



Pictured (L-R):

Alisia Lira, Doug Koons (Scholarship Committee Member) and Darian Balser

Chapter 55 has a long standing commitment to support educational opportunities for students seeking aviation careers. These students were chosen based on a combination of academic achievement and defined goals for the future. Our Chapter raises funds to support our scholarship program by hosting a pancake breakfast in June and Mason Aviation Day in August.

EVENT SIGN-UPS: As you know, our Dawn Patrol Pancake Breakfast and our Mason Aviation Day are our chapters main fundraising events of the year and

our Young Eagle Rallies are our main community outreach to youngsters and families. We have posted our dates for 2019 (see Pocket Calendar) but we can't do it without our chapter volunteers. Sign-up sheets will be posted at the Chapter starting with our April meeting.

FROM MEMBER KAREN MEIRNDORF -



Relay For Life of the Greater Lansing area will be held on June 14 at 6pm for 18 hours at the Corrigan Oil Speedway in Mason MI. Our Chapter is fund raising to place our Chapter 55 name on top of a "fact" sign. Please help a great cause and community event with your 50/50 ticket purchase. I will also be selling luminaries for the event. See me for a luminary form to fill out, \$10.00 donation for each luminary. Thank you for your support - Team Heartwood Glad Rags



LCC - MASON JEWETT CAMPUS

By Mark Bathurst
(bathursm@star.lcc.edu)

One of the frequent questions prospective students ask is where are the jobs? What are the various avenues a graduate from our program can pursue? And, most importantly, what are the starting and eventual median salaries in the workplace?

I recently attended a conference in Wichita, Kansas for all FAA-approved aviation maintenance technology schools in the country. Our trade association is the Aviation Technician Education Council (ATEC), and it is very active in advocacy for

aviation maintenance education, both with the FAA and in congress.

During the conference, several presentations centered on current aviation maintenance workforce demographics, job demand outstripping supply and rising salaries.

The Bureau of Labor Statistics (BLS) estimates there are approximately 132,000 aviation maintenance technician jobs in the United States. 30% of all maintenance technicians work in support activities for air transportation. 22% work in scheduled air transportation (airlines). 15% work in aerospace product and parts manufacturing. 13% work for the federal government (e.g., FAA, other agencies with aircraft, etc.). Nonscheduled air transportation equals 5% of the U.S. workforce. The other 15% work in jobs not classified in any of these categories.

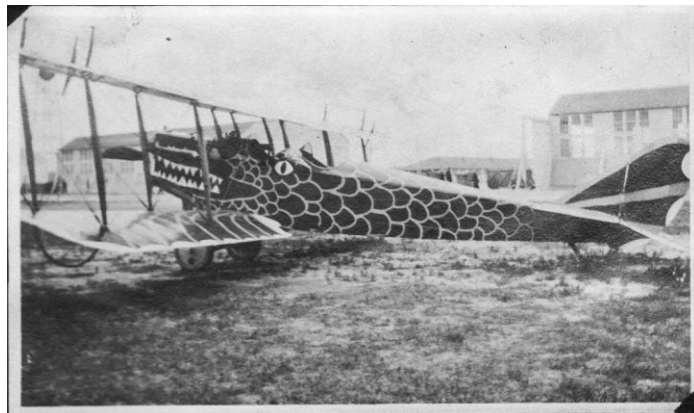
There are 17,500 avionics technician jobs in the U.S. Aerospace product and parts manufacturing totals about 30% of the avionics jobs. Support activities for air transportation has 30% of the jobs. 11% of all avionics jobs are with the U.S. government. 9% of the jobs are in the airlines. Professional, scientific and technical services combine for about 5% of all avionics jobs. The other 15% work in jobs not classified in any of these categories.

Many presentations centered on the absolute shortage of skilled mechanics, both now and in the future. There are over 170 FAA-approved Part 147 maintenance schools in the U.S. Industry demands dictate that, on average, all schools need to increase graduate output by 30% in the next 20 years. In 2018 the FAA issued 9950 A&P certificates, which was up 10% over 2017, but obviously not enough to meet industry needs, especially given that over 30% of all A&P mechanics are eligible for retirement now or in the near future.

With increasing demand and limited supply, the median wage is going up. The BLS reports that the median wage for all aircraft mechanics and technicians is now at \$29.45 per hour. Wages will continue to trend upwards as employers compete for our graduates. We have seen employers raising starting salaries to levels never seen previously. They are also beginning to offer sign-on bonuses, relocation allowances, education reimbursement and even tuition sponsorships as they compete for our

graduates. We expect this trend to continue, and our students are keenly aware of the opportunities they will enjoy after graduation.

FROM MEMBER LYNN TOWNS -



This photo was taken by Walter Xavier Brennan.

After the conclusion of World War I, the Federal Government issued Liberty Bonds to pay off the costs of the War. As a way to encourage the purchase of the Liberty Bonds, the Army sponsored free air shows around the country using World War I combat aircraft piloted by decorated War veteran aces and the best flight instructors. This was known as the Victory Loan Flying Circus.

The flying circus consisted of three groups of aircraft that toured the U.S., an Eastern Squadron, a Midwestern Squadron, and a Western Squadron. The promotion only lasted for one month between April 10th and May 10th, 1919.

Each squadron was equipped with captured German Fokkers, as well as American JN-4Ds, British SE5s, and French Spads. The airplanes were disassembled each evening and transported on special rail cars, and they traveled at night to the next destination.

In the Midwestern Squadron, the aircraft were piloted by two British aces and twenty five American instructors. The Midwestern Squadron went to New Orleans, Jackson, Memphis, Little Rock, St. Louis, Peoria, Chicago, Milwaukee, Duluth, Minneapolis, St. Paul, Sioux City, Omaha, Des Moines, Kansas City, Wichita, Muskogee, Oklahoma City, and Dallas (in that order).

First, a Jenny formation made "bomb" drops of Liberty Loan literature over the town. Then, a mock battle ensued. The Jenny formation was first "attacked" by the Fokkers, and then "rescued" by the Spads and SE5s, who "shot down" the Fokkers after a simulated dog fight. The dog fight consisted of

immelmans, barrel rolls, nose dives, and loops over each city. Then, the people who bought a lot of war bonds in that city were given rides in a Jenny.

A Hisso powered JN-4H flew ahead in advance of the tour to each city to advertise the tour, scout for suitable landing areas, and make arrangements to accommodate the crew. It is my understanding that there was only one JN-4H painted like a dragon, and that was in the Midwestern Squadron. It was the most colorful of all of the planes in the Midwestern Squadron. Its fuselage was painted with red scales, separated by blue lines, with a dragon mouth with white teeth and a dragon's eyes. The wings and tail were red stripes separated with blue, with white outlining. The wheels were blue. It must have gotten a lot of attention.

I'm sure these photos were taken during the Midwestern Squadron's tour, but I do not know in which city.



EDITORS PROLIX
By Deanna McAlister
(zirconmoons@gmail.com)

After the first solo, tradition has it to cut the students shirt tail. Ever wonder why?

Legend has it in early days of flight before radios and intercoms the instructor sat behind the student in a tandem aircraft. The instructor would tug the students shirt tail to give direction. After the first solo the instructor would cut the students shirt tail off and tie it to the plane, this material flowing in the wind could be seen that it is a student solo in the plane. I guess a fair warning to those on the ground. Then the instructor signs and dates the cloth to hang on display to show how many students have made a successful solo flight.

CHAPTER 55 CLASSIFIEDS

FOR RENT: One space available in our three place storage hangar; \$70.00 per month. Contact Drew Seguin 517-333-4531 or president@eaa55.org

FOR SALE:

EAA55; 2019 Calendars for sale; \$8.00 each.

Pietenpol Sky Scout; single seat; Lycoming O-145; 65HP; good compression check; all new plugs; runs

good and lots of fun ! \$5,500.00. Margaret Bradford; 517-663-3083

Aircraft tire bead breaker; \$5.00; George Moore; 517-536-1034

Garmin 696 \$650.00 includes ext. ant.; AC wall charger; DC charger; panel/yoke mount; battery; Dave Courey; 517-331-7097; dcmi@reagan.com

Nine pieces- 1/8" 3-ply, Mahogany faces w/Popular inner plies, MIL P6070, \$15 ea; One piece-1/4" 5-ply Birch faces w/Popular inner plies, MIL P6070, \$30 ea; .040, 2024-T3, 2'x4', \$15 ea; upholstery fabric; abt 2 yds; Voltage Regulator, Cessna PN C6110010201, \$100; Telex 100TRA Hand Mic \$50; Graco Series 700, HVLP paint sprayer w/several nozzles & accessories & 3M respirator; make offer. Prices negotiable. Gary Nicola; glnicola@att.net or 517-898-6387.

Cloud 9 West (46MI) private airport, house, hangar, ranch/farm for sale just east of TEW. On the charts and in Jeppesen/Garmin databases. Info at <https://trophyclassrealestate.com/property/11088-w-coon-lake-road-webberville-mi-48892-72-acres/>

Maple Syrup; Pints, Quarts, and Half Gallons; John & Connie Bobcik 517-543-8238; jbobcik@gmail.com; they will soon be working on their 2019 supply!!

Need Financing for a new plane?? Contact Tom Schroeder of Eaton Federal Savings Bank; tschroeder@eatonfed.com

Do you have anything you want to sell?? Contact Deanna or Vickie to place your ad here!

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

FLY-OUTS:

Big Rapids - Soup Lunch; 11am-1:00pm; ea. Sat.
Brighton - Breakfast; 9am; each Saturday
Hillsdale - Breakfast; 8am-11am; 3rd Sat. ea. month

FLIGHT TRAINING AT TEW:

Great Lakes Air Ventures; Dale Foerschler;
<http://greatlakesairventures.com/>

Cloud 9 Flight Training; Tracy Tillman;
<http://cloud9flighttraining.com/2017/09/20/web-site-up/>

Spartan Wings Flying Club;
<http://www.spartanwings.com/>

Deanna McAlister; zirconmoons@gmail.com

HANGARS FOR RENT AT TEW:

Lloyd Brown; 517-589-8619
KBS Trust; Deanna McAlister; 517-795-8171
Tom Tuttle; 734-216-7532
Jacque Carlson; 517-881-6174

POCKET CALENDAR:

Jun 8 = EAA55 Young Eagles
Jun 9 = EAA55 Dawn Patrol
Jul 13 = EAA55 Young Eagles
Jul 22-28 = AirVenture
Aug 3-4 = Thunder O Michigan
Aug 10 = EAA55 Young Eagles
Aug 17 = Mason Aviation Day
Dec 8 = Christmas Party

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/>

Contributions to "WingTips" are welcome and can be made by contacting Deanna McAlister (zirconmoons@gmail.com)
Deadline: 1st of each month.
Jeff Shaud "Breakfast Teams" (jlshaud@wowway.com) and Dave Courey "Monthly Programs" (dcmi@reagan.com)

EAA55 = CHAPTER BUILDERS

Who is working on or completed homebuilts or restorations ... your input for changes or corrections would be appreciated...

Erric Baker; Mini-Max project
Gabe Blosser; Bushmaster Super Cub Amphib
John & Connie Bobcik; Kitfox
Dave Cook/Greg Hover; RV-6A
Ed Crouse; Rans
Ken Drewyor; Kitfox
Mike Franzago; Starduster project
Ron Gorsline; Zenith 650
Ralph Gregus; Zenith 750
Dave Groh; Stearman; AT-6 restoration
Chuck Hacker; Zenith 701
Greg Harris; Zenith 750 project
Gordon Hempstone; Avid Magnum project
Steve Houghton; RV-7A
Doug Koons/Bill Purosky; Glastar
Wm. (Bill) Long; Kolb Firefly Ultralight
Terry Lutz; RV-8
Tim Martinson; RV-6A & RV-12 project
Chuck Moore; REVO Lt Sport Evolution
George Moore; KIS Pulsar 150
Gary Nicola; Grumman Tiger restoration
Jim Palmer; Glasair III
Pat Salow; Zenith 701
Drew Seguin; Carbon Cub EX2
Jeff Shaud; RV-7 project
Jim Spry; RV-8
Tracy Tillman/Lisa Colletti; Dragonflies & Alatus sailplane
Ken Vandenbelt; Stearman project
David VanderMolen; Zenith 750 project
John VanderMolen; Zenith 750 project

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ON FACEBOOK !!

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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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