

EXPERIMENTAL AIRCRAFT ASSOCIATION - CHAPTER 55

JANUARY 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, the holidays are over. I hope everyone had a great Christmas and we all can look forward to a successful new year. With all that's going on in our country and the world I'm thankful we have the freedoms we have and of course flying and especially building and flying our own aircraft is a big part of that.



I see in the aviation news that the number of fatal accidents in Homebuilt or E-AB (Experimental-Amateur Built) aircraft has dropped for the last four years. Not bad. There were 44 fatal accidents in the 12 months ended September 30, 2018. This is down even though experimental flying hours have been increasing.

Not only are E-AB flying hours increasing, so is the rate of production. And seemingly at a faster rate than that of certified aircraft. In 2017 there were 786 piston aircraft delivered in the U.S. I read somewhere that there were over 400 E-AB aircraft completed. I can't seem to find where that statistic came from and I assume it's not included in the 786 deliveries but even so that means that one in three new piston aircraft in the U.S. are experimental. According to EAA, there have been over 33,000 experimental aircraft completed over the years. Not bad.

By the way, back in October of 2017 the late Richard Collins wrote an interesting article about Experimental Aircraft and flight safety. He did his typical thorough analysis of the statistics for an interesting and informative perspective:

<https://airfactsjournal.com/2017/10/whats-wrong-experimental-pilots/>

So get out there and work around the weather and the local airports closed for winter weather. It's great to fly in the cold crisp air. And don't forget to come around on Friday, January 11th for a fun night of aviation related fun and lies.

BOARD MEETING: 7:00pm: Wed; Jan. 9th
MEMBERSHIP MEETING: 9:30am; Sat; Jan. 12th
with Breakfast served from 8:00am to 9:00am



December Breakfast crew:
Ken Drewyor, Stan Chubb and Bill Long.

UPCOMING BREAKFAST TEAMS:

January	February
Errick Baker	Jack Voss & Julie Bauer
Lloyd Brown	Dave Groh
John Caron	Gary Nesbitt
Gary Nicola	George Spencer
Michael Rosencrans	Tom Schroeder
Judith Pierzynowski	Jim & Carol Spry

SCHEDULED PROGRAMS:

JANUARY:

Terry Lutz; subject TBD

FEBRUARY:

TBD

CONTACT DAVE COUREY or DREW SEGUIN WITH YOUR SUGGESTIONS

EAA 55 Chapter 55 Board of Directors Meeting

December 5, 2018 → Meeting was called to order by President Drew Seguin. → Present: Drew Seguin, Margie Clark, Al Spalding, Mark Bathurst, John Bobcik, Bob Clark, Doug Koons, Warren Miller, Bill Purosky. → Absent: Dave Courey, Ken Vandenbelt, Vickie Vandenbelt, Jack Voss → Guests: Connie Bobcik, Jeff Shaud → Secretary's Report November 7, 2018; Motion to accept by Bill Purosky, Second by Doug Koons, Carried. → Treasurer's Report November 30, 2018; Motion to accept by Mark Bathurst, Second by Margie Clark, Carried. → Old Business: → Corporate Status 501c3; no update. → 2019 programs; Mark Bathurst will check with

Capital Region Airport Authority. → 2019 breakfast crews; Jeff Shaud is working to update list. → Newberry Aviation Scholarship; Mark Bathurst has distributed applications to LCC students to be returned by 12/17/18 (12/31/18 is official deadline). → Storage Hangar Lights, installed and working. → New Business: → EAA55 Website Domain; Jeff Shaud will follow up with webmaster Jonathan Thaden about renewal. → Newsletter articles; Drew Seguin will get plaque for Terry Lutz; need new articles. → Young Eagles; Wilson Talent Center Aviation Academy raised money through a leadership initiative and sent EAA55 a check for \$367 for YE program; Al Spalding to send "thank you" letter. → Christmas Party; 38 signed up. → Meeting adjourned. → Respectfully submitted, John Bobcik, Acting Secretary

EAA 55 Chapter 55 Membership Meeting

December 8, 2018 → Meeting called to order by President Drew Seguin with 31 Members present. → Drew Seguin thanked breakfast team. → Secretary's report of 11/10/18 approved. → Treasurer's report of 11/30/18 approved. → Young Eagles, Gift of \$367 from Wilson Talent Center Aviation Academy students. → Adult Eagles, Greg Rheeder is moving, need new coordinator. → Christmas party Sunday, still a couple of slots available. → Hangar Lights are installed, Drew Seguin thanked Terry Lutz, Doug Koons and Bill Purosky. → Newberry Aviation Scholarships, deadline is 12/31/18 and not limited to LCC students. → 2019 Programs, Terry Lutz will present for January, Dave Courey is working on others. Ideas WANTED. → Drew Seguin thanked Terry Lutz for the many years of WingTip articles. → Aspiring Artists art contest for youth ages 6-17, theme is "My Dream to Fly". → CRAA Board Member Debbie Groh, announced new CRAA snow removal guidelines have been sent to TEW owners and tenants; if you have airport suggestions or concerns please send to debbie.groh@aol.com. → Meeting adjourned. → Respectfully submitted, John Bobcik, Acting 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)

Chapter 55 flew 256 kids in 2018. Our grand total is now at 4,657 (per EAA National). Stats per pilot are posted in the meeting room.



TIDBITS
by Vickie Vandenberg (vickie@eaa55.org)

NEW MEMBERS: Chapter 55 welcomes new members Gabe Blosser and Gary Taylor. Gabe has leased space in our builders hangar to complete his Bushmaster 4-place Super Cub Amphib.

CONGRATULATIONS: to member Ron Gorsline on his retirement in December.

NOTE OF THANKS: to the Aviation Academy at Wilson Talent Center. Wilson Talent Center Aviation Academy raised money through a leadership initiative and sent EAA55 a check for \$367 for YE program

YOUNG EAGLES: We are planning three Young Eagle Rallies for 2019 - scheduled for the second Saturday of June, July and August EXCEPT registration for flights will be from 10:00am to **NOON**. If you have any YE brochures, flyers or Biz Cards, please return them so they can be corrected to amend the end time from 1:00pm to **NOON**.

EAA NATIONAL "FREE TRIAL MEMBERSHIP": If you know anyone who is interested in aviation but not a member of EAA national, we can sign them up for a FREE six-month trial membership. Applications are in the brochure rack or see me. Also, we encourage parents of youngsters interested in aviation to sign up for a membership to gain knowledge to share with their kids.

USE OF THE MEETING ROOM/TABLES/CHAIRS: Our meeting room plus our **OLD** tables & chairs and other equipment of EAA55 are available for use by our members on a "sign out" basis. There is a sign-up sheet clipped to the bulletin board. Fill in the information requested; when you plan to remove the equipment and complete it when you return the

equipment. NOTE: Our NEW tables & chairs are NOT available for loan.

AIRPORT OPERATIONS: CRAA personnel are available 24/7. If you encounter anything amiss at the airport - please call 517-321-8525

AVIATION MUSEUMS: Saw this link featuring some of the world's most exceptional aviation museums in a recent AOPA Aviation Brief: <https://edition.cnn.com/travel/gallery/best-aviation-museums/>

FRIDAY COFFEE: A group from EAA55 and Mason Jewett plus more - meets every Friday morning at about 9:00am for coffee/breakfast at A&W Restaurant; 628 N. Cedar; Mason, MI. Coffee, good food and great conversation. We hang out until at least 10:00am. Stop and join us if you are in the area.

V-280 FIRST FLIGHT ANNIVERSARY: December 18, 2018 was the anniversary of the Bell V-280's first flight! This aircraft is a demonstration for future replacement of the Blackhawk helicopter (10 years out). On the V-22 both the engine and gearbox rotate. On the V-280 only the gearbox rotates and the engines are in outboard pods. They still have not yet taken it up to full forward speed of 280 knots (they have only one aircraft). Sikorsky also has a competing design with a contra-rotating rotor with a pusher prop.

In just one year of flight, the V-280 has compiled nearly 85 hours of flight and more than 180 rotor turn hours, some flight testing milestones are:

- Forward flight at 250 knots true airspeed
- In-flight transitions between cruise mode and vertical takeoff and landing
- 50-degree banked turns at 200 knots indicated airspeed
- 4500 feet per minute rate of climb and sustained flight at 11,500 feet altitude
- Single flight ferry flight of over 370 miles
- Demonstrated low and high-speed agility with fly-by-wire controls

Eaton Corp.; with a plant in Jackson, MI; was the program supplier team for the hydraulic system.

Here are some interesting links with additional information about the V-280. (the YouTube video is posted on the EAA55 Facebook page).

- Press Release: <http://news.bellflight.com/en-US/170381-bell-v-280-valor-first-year-of-flight>

- YouTube:

https://www.youtube.com/watch?v=p4w_17IZI0c

- Images:

<https://assets.bellflight.com/transfer/554e415e83a3c7340e55f63ff4c5e2ceb7df50fb42e675da940cc8a8636453b>

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

DO YOU HAVE ANY NEWS OR INFO TO SHARE?? Contact Vickie.

CARDS & MEMORIALS:

Do you know of a member who is ill? Or, who has had a death in the family? Please contact me at 517-589-5051 or vickie7463@gmail.com so that the Chapter can send a card. (and my sincere thanks to those who have alerted me in the past.)

THE RECREATIONAL AVIATION FOUNDATION (RAF); GOING FORWARD 2019 & GLANCING BACK 2003-2018

from Brad Frederick, Michigan RAF State Liaison

The RAF was started 15 years ago . A lot has gone on with steady growth across the country, we are fast

approaching 10,000 members and have State Liaisons in nearly all 50 States.

The mission has always been to Preserve, Maintain and Create airstrips for recreational access. In Michigan, there were 35 members in 2012; that number has grown to 250 or so. With the help of all these volunteer members and working with MDOT Aeronautics, the Michigan DNR, other groups and organizations and individuals, we have made a difference.

In 2015, North Fox Island Airport (6Y3) was opened to the public. Hundreds of pilots have now used the airstrip ,enjoyed the islands beauty, camped, hiked and met new friends.

In 2018, the Two Hearted Airstrip was opened. The airstrip itself is a bit more challenging and not for every pilot and aircraft, but it offers access to the Two Hearted River, scenic views of Lake Superior and its beach, a State Forest Campground, fishing, hiking, hunting and more.

The RAF is currently working on other airstrip possibilities and looking for future projects here in our great State.

Elsewhere in the country, airstrips have been opened or improved from Maine to Washington, Minnesota to Florida. Check out the airport map on the RAF website. www.theraf.org

The RAF is a 501(c)3 non-profit corporation. It has two paid administrative people that help facilitate all the work done across the country by the volunteer, non-paid Directors, State Liaisons and Members. That is virtually unheard of in any other organization. It works because of the passion of all the RAF family and team. However, it does take money, not just time donated, to get things done and this comes from donations from members and some Aviation Corporate donors who believe in the mission.

If you have a love or passion for aviation, the great outdoors, and great people and new friends , please consider becoming involved and supporting the RAF. When we put on presentations at EAA Chapters and different events around the country, you will usually hear this: "Hey check out what we're up to. If you like what we're doing - send us a little money. If you REALLY like what we're doing - send us a little

more." The donations are carefully used and applied to projects to protect recreational aviation opportunities for today's pilots and families and for those in the future.

You can find more information about the RAF at the website. www.theraf.org or contact me; Brad Frederick at bfrederick@theraf.org or cell 248-761-5615

"The Recreational Aviation Foundation preserves, maintains and creates airstrips for recreational access."



LCC - MASON JEWETT CAMPUS

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

January marks the beginning of LCC's 16 week spring semester. 75 students are enrolled in the program, evenly split between first and second year students. The Aviation Technology program's first year students are starting their second semester, and our second year students are in their fifth semester. To refresh your memory, our program requires six semesters of study, and we start a new class every August. It takes two years to complete the program. Our first year students will be studying aircraft electrical systems in great detail, both AC and DC. Additionally, they will begin work on various aircraft structures, including wood, fabric, fiberglass and sheet metal to include riveting and forming. They also have classes on fuel systems, hydraulics, landing gear and brakes. One of the highlights of the program, and a real student favorite, is aircraft welding, which is taught at our state-of-the-art welding laboratory at the West Campus facility. In 16 weeks students become proficient in performing various welds on all of the metals typically encountered in aviation maintenance. The second year students will continue reciprocating engine teardown and rebuild which includes cooling and exhaust systems, ignition and magneto systems and fuel systems. Additionally, they will spend extensive time on propeller maintenance, which includes balancing and installation of both fixed and variable pitch props. The culmination of the reciprocating engine courses occur when the students take the engines they have rebuilt and run them out on the ramp. If you see a series of white or blue engine test stands out in front of the hangar, you'll know its engine run time.

One of the hallmarks of any highly accredited education program is continual update of teaching materials and instructor education. To that end, we continue to add a number of training aids to enhance student mastery of various aircraft systems. For student training, we have recently acquired a Cessna 150C and a Pitts Special S1-C. Our instructors continue to attend specialized aircraft maintenance courses, and from those courses they bring back to our students up-to-date industry best practices. When our students enter the workforce, they can assimilate easily into the position for which they were hired based on the updated training they receive. It is important to note that entry level starting salaries continue to rise. \$50,000 to \$60,000 per year starting salary is rapidly becoming the norm. Our students will have multiple job offers at or even prior to graduation. The aviation maintenance technology field is clearly a great career to consider



EDITORS PROLIX

By Deanna McAlister
(zirconmoons@gmail.com)

Here is a taste of what is to come Friday the 11th at 6:30p.m. Blow away the winter blues "hangar flying" party.

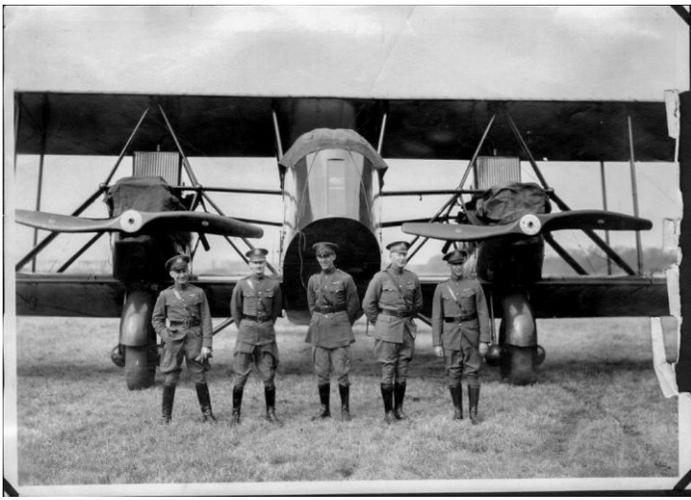
Trivia Question:

Where was EAA founded?

Hales Corners, Wisconsin (bonus: in 1953)

Name the four forces that act on an airplane?

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)
Dave Courey "Monthly Programs" (dcmi@reagan.com)



This photo was taken by Walter Xavier Brennan.

This photograph was taken at Marshall Army Airfield, which was an airfield at Fort Riley in north central Kansas. The airfield was not named Marshall Army Airfield until 1923.

The airplane is a Martin MB-2 bomber, which started service in 1920. I don't think there were Martin bombers stationed at Marshall Army Airfield, so this must have been a visitor.

- submitted by Lynn Towns, guest writer

CHAPTER 55 CLASSIFIEDS

FOR SALE:

EAA55 Books; Library Overstock Sale; box on the table; \$1 hardbacks & 50 cent soft back.

EAA55; 2019 Calendars for sale; \$10.00 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.

Maple Syrup; Pints, Quarts, and Half Gallons; John & Connie Bobcik 517-543-8238; jbobcik@gmail.com

Contact Deanna or Vickie to place your ad here!

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

POCKET CALENDAR:

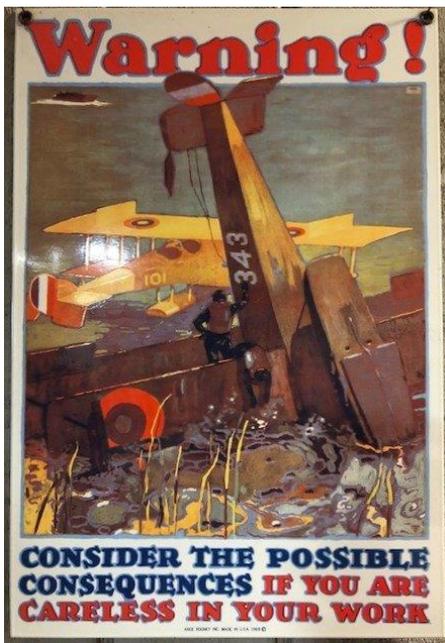
Jan 11th 6:30p.m. Chapter55 Hangar Party
Apr 2-7 SUN-N-FUN
Jul 22-28 AirVenture 2019

FLYERS FROM OTHER AIRPORTS POSTED IN TEW TERMINAL

WEB EVENT CALENDARS:

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

BE SURE TO LIKE "EAA CHAPTER 55"
ON FACEBOOK !!



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.

PERMISSION TO USE original content from **WINGTIPS** is granted to other EAA Chapters provided proper credit is given to the source. Unless so noted, photos and other content are the Editor's.