



EXPERIMENTAL AIRCRAFT ASSOCIATION - CHAPTER 55

OCTOBER 2016

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: Pat Salow 517-565-3178 → Vice-President: TBD

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

www.EAA55.org

PRESIDENT'S MESSAGE

This article may be sent separately at a later date.

BOARD MEETING: 7:00pm: Wed; Oct 5th
MEMBERSHIP MEETING: 9:30am; Sat; October 8th with Breakfast served from 8:00am to 9:00am



September breakfast team: Mike Franzago; Ernie Lutz; Dillon Blair; Mike Lutz; Terry Lutz

BREAKFAST TEAMS:

OCTOBER:

Kyle Bradford
Lynn Brown
Fred Honhart
Terry Lutz
Drew Sequin

NOVEMBER:

John Bidle
John & Connie Bobcik
Dave Courey
J. Morris Hickman
Karen Meirndorf
Craig Tucker
John Vandermolen
Bruce VanFarowe

OCTOBER; NOVEMBER and 2017:

IDEAS WANTED

DECEMBER:

Chapter awards presentations

APRIL 2017:

Mark Lynn; Metal Fabrication

**EAA 55 Chapter 55 Board of Directors Meeting
September 7, 2016**

→ Meeting called to order at 7:04pm by President Rosencrans. → Present: Michael Rosencrans, Al Spalding, Vickie Vandebelt, Bob Clark, Margie Clark, Dave James, Doug Koons, Warren Miller, Jim Spry, Jack Voss. Absent: Pat Salow, Bill Puroskey.

Guests: Julie Bauer →Secretary's report 8/10/16; motion by Jack Voss to accept minutes as published; supported by Bob Clark; all approved. →Treasurer's report 8/31/16; motion by Jack Voss to accept treasurers report; supported by Doug Koons; all approved. →YE; Margie Clark reported 173 flown in 2016 so far (compared to 322 last year). →Programs; December will be chapter awards; no others scheduled. →Foam Spraying in Storage Hanger; Bob Clark & Jim Spry to collaborate. →Fire Extinguishers; completed; Doug Koons & Ken Vandenbelt worked with inspector; we no longer have a CO2 one. →MAD; reviewed list of volunteers and statistics of Al Spalding's "How did you hear?" survey. Some discussion of logistics for next year. →Dave James suggested we compile list of all that needs to be done for our events; operations or procedures manual. No volunteers to do. →YE Credits; \$771 remaining; plans to purchase (2) 10x10 pop-ups plus planes or wings for gift bags. →YE spontaneous rally; discussed possibility of evening or week-end rally with 2-3 days notice to our contact list. →Nominating Committee; Jack Voss volunteered to head and will look for members to assist. →2017 Calendars; few photos submitted so far; how many calendars should we order? Cost quotes? Committee to select? Jack Voss made a motion to spend up to \$750 to order calendars; 7 yeah and 3 nay; motion carried. →Mason Cares; Vickie Vandenbelt requested EAA55 donate water and snacks to the Mason Fire Dept. event; Jack Voss made a motion; Margie Clark supported; all approved. →Silent Auction; have numerous items that we should try to liquidate; Vickie Vandenbelt will set up info for October/November. →Al Spalding made an offer of \$50 to purchase the tug in need of repairs; Doug Koon made a motion to accept; Jack Voss supported; all approved. →Correspondence; Michael Rosencrans presented "Thank you" for our sponsorship of Darrell's Car Show. →Vickie Vandenbelt made a motion to adjourn; Warren Miller supported; meeting adjourned at 8:15pm. →Respectfully submitted, Vickie Vandenbelt, Secretary.

EAA Chapter 55 Membership Meeting September 10, 2016

→Meeting was called to order at 9:33am by Vice-President Pat Salow with approximately 28 members and 6 guests present. →Following the National Anthem, the breakfast team was thanked and September team announced. →Secretary's Report

8/13/16; motion to approve; supported; all approved. →Treasurers Report 8/31/16; motion to approve; supported; all approved. →YE; Margie Clark thanked all the volunteers. →Nominating Committee; Jack Voss would appreciate assistance and nominations. →Ron Gorsline was presented with a certificate for the completion of his Zenith project. →2017 calendar photos need to be submitted to Jim Spry. →MDOT surveys; last chance to submit. →Dave James announced the Vietnam traveling wall exhibit at Maple Grove's flyin. →Karen Meirndorf announced the Mason Care's 9-11 memorial & fire department clean up event. →Vickie Vandenbelt announced the Veteran's Parade and VFW open house. →MACC is looking for volunteers for boards, committees and events. →Meeting adjourned at 9:50am. →No program for this month. →Respectfully submitted, Vickie Vandenbelt, Secretary.



NEWS OF OUR MEMBERS

by Vickie Vandenbelt (vickie@eaa55.org)

CONGRATULATIONS: Grant Dowell on the acquisition of your Citabria project. Grant will be busy doing a complete restoration.



At our September meeting, Vice-President Pat Salow presented Ron Gorsline with a certificate commemorating the completion of his Zenith Zodiac CH650.



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

If you happen to fly any youth between the ages of 8 and 17 be sure to complete the young eagle registration forms and let me know how many you have flown. We are able to add to our counts through the end of the year. The forms can be found on the information board at the Chapter meeting room. If you wish, you may leave the completed forms in the YE folder on the Officers front table.

Again, thank you all for your assistance with our Young Eagle Rallies. Happy Fall time!



ADULT EAGLES
 by Greg Rheeder (greg@eaa55.org)

Rain rain. Seems the last week in September washed most of our flying away. However we have a nice new refinished runway.

I have had some contact with Adult Eagle candidates, some are home builders and others want to learn to fly purchased planes.

I'm having some problems finding instructors for tail wheel. I hope to resolve this with more phone calls. I appreciate all the names you guys send me. Keep them coming.

If you know of more instructors, my list is quite old. It needs to be updated.



NOTES FROM CAPE JUBY
 by Terry L. Lutz
 (terry.lutz@attglobal.net)

Robert Cumberland, who had a rather zany sense of humor, wrote one of the funniest aviation magazine articles I've read. Sort of like reading a Calvin and Hobbes cartoon, only aviation related. He once imagined how some popular airplanes would look if you scaled them up or down. Imagine a J-3 Cub scaled up 2 1/2 times and powered by a 600 hp radial engine. The pilot would have a marvelous view inside a windshield that went from his feet to well

over his head. The airplane would hold 8 passengers on a deck below and aft of the pilot.



Then there was the 1/4 scale B-17, powered by 4 Volkswagen engines. There was just enough room in the forward fuselage for the pilot, whose head fit nicely in the windscreen normally reserved for two pilots. Imagine – a homebuilt B-17! Well, in fact, there actually *is* a homebuilt B-17 being constructed on Grimes Field in Urbana, Ohio. Except this one is a full-scale airplane. That's a lot of rivets!



Last weekend, the remaining airmen who flew or were associated with the Martin B-26 Medium Bomber met in Dayton, OH for a reunion. It was organized by the Marauder Historical Society, based in Tuscon, Arizona. Dad and I went down, and he was able to swap stories with several B-26 crewmen. Only my Dad and Irv Cook were there from Dad's unit, the 397th Bomb Group. Activities began with a re-dedication of the B-26 memorial that stands in the memorial park just to the south of the Air Force Museum in Dayton. In the hospitality room of the

hotel, Irv Cook rolled out a panoramic picture of the original dedication ceremony, from 12 years ago. Mom and Dad could be seen on the far right.



On Saturday, these WWII veterans traveled about 30 miles north of Dayton to Urbana, Ohio, where the Champaign Aviation Museum is located. The Museum had organized what would be the second event of its kind, a Remembrance Day Ceremony. The purpose was to “Honor and Remember” the USAAF Servicemen who served in WWII. My observation was this: If any of us were searching for a place where you could meet people from all walks of life, then look around and say “I’ve found the last group of real Americans”, this was it.

When the B-26 veterans stepped off the bus, the Urbana High School band struck up music representing the 4 services, including “Wild Blue Yonder”. Then they went inside and saw some familiar aircraft in a huge hangar, including a C-47, B-25, and the “homebuilt” B-17 being reconstructed from the remains of 4 different aircraft. The major portion of the airplane was recovered from a B-17 crash site in Talkeetna, Alaska 10 years ago. Using original Boeing drawings, the vertical fin and many other complex structures have been built from scratch. What they’ve accomplished is incredible, but they also have an incredible amount of work ahead of them!

For more information about the B-17 “Champaign Lady” and the Champaign Aviation Museum, their website is www.ChampaignAviationMuseum.org. The next remembrance ceremony will be October 7th, 2017, and you can volunteer to work on the B-17.

Grimes Airport in Urbana, Ohio isn’t hard to reach by air, and there’s a restaurant on the field.

About 150 people were in attendance for the ceremony. The B-26 crewmembers were joined by local veterans, and were invited to sit in the first row. The Marine Corps League brought the colors to the stage, and we all sang the National Anthem. This was followed by an invocation by USAF Captain Chaplain Kevin McKeith, of the AF Reserve Transport Squadron at Wright-Patterson AFB. Next, three ladies comprising the Connect III Trio sang “Nearer My God To Thee”, before the names of those who would be added to the Honor Roll were read. In total, 27 veterans were recognized and placed on the honor roll. I was asked to honor my Dad by mentioning just a few details of his military service. He was kind of embarrassed when I asked him to stand up!

After the reading of the names, a Bag Piper played “Amazing Grace”. The colors were retired, and cadets from the Civil Air Patrol folded the American Flag. Their Commander described what each fold meant as the flag was carefully formed into the correct triangle. It was then presented to the wife of one of the veterans who had recently passed away. Taps was played and Chaplain McKeith returned to make a few remarks before offering a closing prayer. I was both surprised and heartened that Chaplain McKeith’s remarks were politically incorrect about the changes taking place in our country.

Then in the backdrop of a B-17 being brought back to life, we took some photographs of the veterans standing in front of the airplane. The group included Herb Heilbrun, a B-17 pilot who flew from the base in Foggia, Italy. It was the same base where the red tails of the Tuskegee airmen were operating. During the war, they never spoke much to one another – even in war there was segregation. Many years later, Herb learned that the Tuskegee airmen were having a reunion in Cincinnati, so he decided to go and introduce himself. Not only did he meet them, he found a pilot who 60 years earlier had grown up in the same town. In fact, they are shown standing together in their elementary school picture, taken in 1928. Their story is told in the book “Black and White Airmen – Their True History”. Did I mention that I was in the presence of true Americans, of people who have made a real difference in all of our lives?

As the day drew to a close, we drove back to Dayton, where a demonstration of replica WWI aircraft, along with a bivouac of re-enactors, was in progress on the grounds of the Air Force Museum. We were able to see several very well done replicas, including a full scale Spad. We could see and hear two rotary engines in operation. One was a LeRhône rotary on a test stand and the other was actually a small scalereplica of a Gnome rotary, mounted on a very large radio controlled model of a British DH-1. Rotary engines run either at idle or full throttle, using a “blip” switch on the ignition system.

Shifting gears a bit, a few weeks ago I attended the annual symposium and banquet of the Society of Experimental Test Pilots. Without going into a lot of technical detail on the really great papers that were presented, I did take a tour of SpaceX, which is located on the airport in Hawthorne, CA. It is the same airport where the flying wing designs of Jack Northrop were built and tested in the late 1940s. We were given a tour of the facility, and actually walked through the assembly building where the Falcon 9 rockets and rocket engines are being produced. It was all close enough to touch, and I noticed that the development team was located right next to the production activity, just like the team that Kelly Johnson assembled to build the SR-71.



I know I've written about the exciting things that are happening with regards to access to space, but to see the first booster SpaceX successfully returned to earth, and to hear the goals that Elon Musk has set for the future was fantastic. They will build a new space launch facility in Brownsville, TX, which is just about the same latitude as Cape Canaveral. The goal will be to launch payloads into space every other day. I will predict that by the end of this decade, they will launch a vehicle to Mars and return it to earth using fuel derived from the Martian atmosphere.



A few days later, I heard Astronaut Scott Kelly speak about his year in space. He said that when you are working on the International Space Station, there is no “down time”. When you are awake, you are working on an experiment, doing maintenance, or interacting with people on the earth. The only really scary moment he had was when controllers on earth advised them that a satellite was approaching them and there was risk of collision. He secured systems in the American section of the ISS, then joined the Russians who were supposed to be doing the same thing. Instead, he found them having lunch. They figured that if the satellite hurtling toward them in the opposite direction at a closing velocity of 34,000 mph hit the ISS, it wouldn't matter if systems were secured – they would all be lost. But they did put on

their space suits and wait out the encounter in the Soyuz lifeboat capsule docked to the ISS.

My observation about Scott was that he definitely looked like he had lost some height, particularly in the area of his neck. While he did think that some sort of artificial gravity would be beneficial for long duration space flight, when asked if we could go to Mars and back, he said "With proper preparation and exercise enroute, yes." Scott is in that group of dreamers who have been where they never dreamed they could go, and can see possibilities well beyond where we are today. The impossible truly is temporary.

While we just passed a period of very wet weather, October is a terrific month for flying. Just remember that the weather is changeable, and you can almost expect that a front each day will pass through the region. Watch the weather, and watch the winds, but don't expect really severe storms because the cool weather replacing warm air has less energy, and there is increasingly less daylight for solar heating. And watch out for your fellow pilot, who may need just a little extra bit of help.

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



TIDBITS
by Vickie Vandenberg (vickie@eaa55.org)

NEW MEMBERS: Chapter 55 welcomes new members Kyle Chmielewski and John Kuchar.

MASON AVIATION DAY DOOR PRIZE

WINNERS: Congratulations to our prize winners, perhaps someone you know. Dave Cunningham and Sarah Hite each won a limited edition poster of "Bonzo" signed by Steve Wittman compliments of EAA. Charles Moore won a \$25 gift certificate compliments of Aircraft Spruce. Bob Redner and Brian McKay each won a subscription to Trade-A-Plane compliments of same. Ken Shuman and Karol DeGrow each won a logo lap blanket compliments of

Avemco. Our sponsors help make our events a little more special.

NOMINATING COMMITTEE: EAA55 needs a couple of members to step up and assist Jack Voss on our 2016 Nominating Committee. Chapter 55 is seeking nominations for election of chapter directors. It is the duty of the Board of Directors to conduct and control the business and property of the chapter. Meetings of the Board are scheduled for 7:00pm the evening of the Wednesday immediately preceding the second Saturday of each month. Meetings generally last about one hour depending upon the amount of business to be conducted. Directors will serve a two-year term starting with the December general membership meeting. If there is a member that you feel would be a good candidate for this position, please encourage him/her to allow you to make a nomination. Additionally, if you would be interested in serving your Chapter in this capacity, please contact Jack Voss or any current officer.

ELECTION OF DIRECTORS: The nominations will be presented to the membership at the October meeting and posted on the board. Elections of the Directors will take place at the November meeting. If necessary, our chapter Secretary will develop and implement a process that will offer absent eligible voting membership opportunity to vote by proxy.

ANNUAL EAA55 CHRISTMAS PARTY: Shudder to think it's coming fast !! Plan to attend Sunday, December 14th. Hope to have menu and cost information and reservation forms at our Saturday meeting.

2017 MEMBERSHIP RENEWAL DUES: Geez - Hate to think that it's rolling around to that time again. Renewal application is attached and dues for 2017 are now being accepted.

NEWS FROM RICK ANDERSON, FAA: Notice Number: NOTC6728. The FAA has recently issued a new Standard Terminal Arrival Procedure (STAR) called the LUCIT One Arrival. This arrival will serve the following Northwestern Indiana Airports: Gary/Chicago International, Merrillville, and Sky Ranch. This new STAR will make IFR arrivals into these airports from the west and southwest more efficient. VFR traffic must be aware that there may be high speed jet traffic flying just east of the Griffith Airport while on vectors for the Gary Airport.

Maintain vigilance for fast moving traffic from the south when climbing or descending east of the Griffith Airport. Jet traffic being vectored for the arrival into the Gary

MASON VETERANS DAY PARADE: The Veterans Day Parade will be held in Mason on Friday, November 11th. All veterans are encouraged to participate in the parade. Rides will be provided for any veterans not wishing to walk. And, everyone wishing to honor our veterans are encouraged to come cheer the parade. Parade assembly starts at 1:30pm at the Church of the Nazarene; Maple & Steele Streets. Step off will be at 3:00pm. Immediately following the parade, the public is invited to attend an open house at the VFW Post 7309; 1243 Hull Road; Mason MI.

Contributions to "WingTips" are welcome and can be made by contacting Deanna McAlister (zirconmoon@hotmail.com) Deadline: 1st of each month.



EDITORS PROLIX
By Deanna McAlister
(zirconmoon@hotmail.com)

I think the most beautiful time to fly is Autumn. The phenomenon when a green leaf turns color. Ever wonder why?



Chlorophyll captures solar rays to make the plants food. As daylight shortens and temperatures cool, veins in the leaves close off. Pigments that have been present all along begin to show. Most common are the carotenoids, the orange-yellow. Anthocyanins are produced toward the end of summer. The brightest

colorations develop when days are sunny and bright and nights are cool but not freezing. It's time for a color tour!!

LCC - MASON JEWETT CAMPUS

By Mark Bathurst

For those of you I've not had the privilege to meet, I'm Mark Bathurst. In addition to being a member of EAA 55, I'm also the director of LCC's Aviation Maintenance Technology program at the Mason airport. We train our students to qualify for FAA licensure as A&P mechanics. We do so through a six semester, two year course of study. ALL classes are taught at the Mason campus, except an aviation welding course which is taught at our West campus near Crytes and Mt. Hope roads.

Our students advance through an FAA Part 147 prescribed program of study, including 400 hours of instruction in general aviation, 856 hours of instruction in powerplant maintenance and 770 hours of instruction in airframe maintenance. We have a truly state-of-the-art building, and our equipment is amongst the most modern in the industry. You may have noticed the Hawker Siddeley 125 sitting in front of our building—that's LCC's newest acquisition. It's fully operational and will be used for various systems training, engines runs, checklist familiarization and overall exposure to a modern, complex airplane.

I have been with LCC for just over a year, and was previously a Captain with United Airlines from which I retired with over 36 years as a commercial airline pilot. I also flew C-141s in the Air Force and Air Force Reserves for about 24 years. I'm now a part owner in a C-172 at Grand Ledge. If you are in the area and haven't had the opportunity to tour our facility, feel free to stop by. It's truly impressive, and we are proud to show it to anyone interested in seeing it.

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



CHAPTER 55 CLASSIFIEDS

HANGER FOR RENT: EAA55 Builders Hanger; \$115 month plus gas. EAA55 Storage Hanger; \$70 month; Pat Salow 517-231-3016

WANTED: donation of gently used boat cushions to use as "booster seats" for kids; contact Margie Clark; margie@eaa55.org

FOR SALE:

1/8" 3-ply Mahogany w/Popular cross-ply, MIL P6070, \$15 ea; 1/4" 5-ply Birch faces w/Popular inner plies, MIL P6070, \$30 ea; .040, 2024-T3, 2'x4', \$15 ea; Grey Airtex upholstery fabric; abt 2 yds; Voltage Regulator, Cessna PN C6110010201, \$100; Hand Mic, Telex 100TRA, \$50; David Clark H10-20 headset, \$150. Prices negotiable. Gary Nicola; glnicola@att.net or 517-898-6387.

Small Index brand vertical mill; \$400; **Jeff Shaud 517-712-6482**

ASA CX2 Flight Computer; works great; \$65.00; Greg Rheeder 517-315-3247

Honey; various sizes; Gordon Hempstone 517-515-1454

Contact Deanna or Vickie to place your ad here!

POCKET CALENDAR:

Nov 12 = Canton/Plym/Mett Chili Fly In
Dec 11 = EAA55 Christmas Party

WEB EVENT CALENDARS:

<http://www.eaa.org/en/eaa/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.

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.