



July 2018 Newsletter Volume 42, Number 07
The Static Line

Leroy Castle Memorial EAA Chapter 538 Phoenix, AZ

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Monthly meetings are the second Tuesdays of every month starting 6:30 P.M. at Deer

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2018 CALENDAR OF EVENTS

July 10 th	Monthly Meeting (MM) Speaker Rick Rademaker
July 23 rd -29 th	Airventure (Oshkosh, WI)
August 14 th	Monthly Meeting (MM) Speaker Tina Buskirk FAAST
September 11 th	Monthly Meeting (MM) Speaker Richard Simile from Mooney Aircraft
October 9 th	Monthly Meeting (MM) Speaker Ryan Reeves Buckeye Airport Mgr
November 13 th	Monthly Meeting (MM) Speaker Steven Langford Rotorway Helicopters
December 11 th	Holiday Party

PRESIDENT'S REPORT

July 2018

Hello EAA Chapter 538 members, family and guests!

I hope that all of you enjoyed a great 4th of July Independence Day with your family and friends.

It's time! It's time!

Yes, it's that time of year again. Not the Jolly Saint in red but for many jolly pilots that will be making the trek across this great nation from many states and even further countries away. That's right Airventure 2018 is upon us! Just as a reminder that if you're flying into Wittman Regional Airport at Oshkosh that you **READ THE AIRVENTURE NOTAM!** The PDF can be downloaded here <https://www.eaa.org/~media/files/airventure/flyingin/2018-notam.pdf>.

It's important that everyone do their part to have a safe fly-in!

This year is a first for EAA Chapter 538 in that we have reserved ourselves a chapter camping spot. It will be staked out by July 14th and ready for our members that are going to stay at, and visit. Currently I have 3 member groups staying at the camp site meaning it is now currently **full!** These are 20ftx30ft spaces so (3) 10ftx10ft tents and 1 car will max it out. Right now I have Mike & guest camping Mon-Thurs along with John G. & guest also Mon-Thurs and Tom and Katie camping Mon-Sat. There will 2 openings for camping from Thurs-Sun so if you want to camp at the EAA Chapter 538 camp site. If you want to camp during Thurs-Sun let me know so it can be arranged. First come first served. More info of where it is located will be forwarded to you as soon after I get it myself. For those that are going please bring back your flying and/or road traveling trip experiences and photos with you for the August meeting.

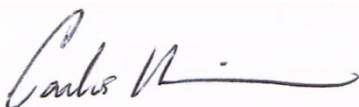
I have been told by those in attendance of last month's presenter Valin Thorn really brought his A-game. Good material, presentation and of course the award winning Lancair. Thank you Valin for making the trip down here in this crazy heat!

This month's presenter is Rick Rademaker of Arizona Flight Training Center located at Glendale Airport. Topics of discussion will be performance considerations, weight & balance, traffic pattern safety and controlled flight into terrain (CFIT).

A special Thank You goes to Alex Bodak. He has successfully retained presenters for the remainder of the year! Again thank you Alex!

I look forward to seeing YOU on Tuesday July 10th, 2018 at 6:30 P.M. at the Deer Valley Airport Restaurant. Come early and join us for the dinner social starting at 6:00 P.M. Please plan to attend, and bring a friend!

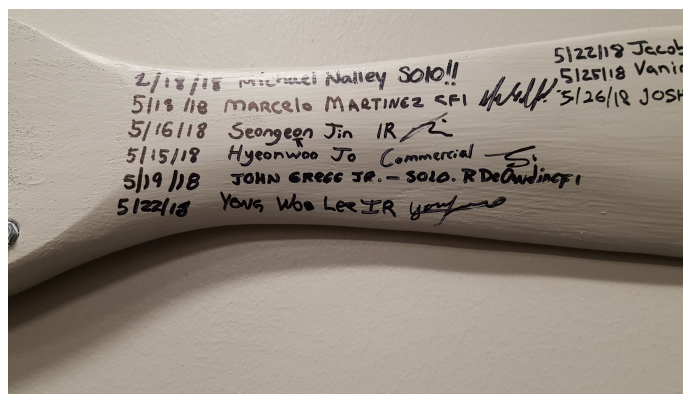
Thank you for being a part of our Chapter 538!

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SECRETARY REPORTS

John is on Vacation so there is no report this month. We do have a few pictures from him. I also have a few pictures from last month's meeting.

John Soloed on 5/19/18 and instead of cutting a shirt tail, they sign a propeller at his flight school.



Here are some meeting pictures.



REMINDER FOR THE MEETING TUESDAY:

- A. Put your name tag on.
- B. Bring a friend or next door hangar person.
- C. Those who have not taken the survey, see page 11, please do so we can serve you better.
- D. Your opinion counts, send requests for speakers, topics, places to go, etc to our officers.

NEWS & EVENTS

ASK ATC

Do you have an ATC question but can't reach one? You're in Luck. Our own member, Steven Stenstrom works ATC for the FAA at Sky Harbor Intl Airport. He set-up an email for that. It is: eea538atc@gmail.com He is also happy to arrange a tour of the Phoenix Sky Harbor Control tower. Please email him on which month you can come for a tour.

JULY2018 WALLPAPER

CLICK PHOTO FOR JULY2018 WALLPAPER



HANGAR SPACE FOR RENT

Hangar Space available at Glendale Airport (KGEU). 43 x 43 square to share with RV6A, Equipped with drill press, compressor, grinder, tools, shelving, workbenches in place. It has Excellent lighting. Epoxy floor. Bathroom, 100' water hose and utility sink inside. Access (back door) without needing to pass through airport gate. Remote control electric bi-fold door with Lexan upper panels for daylight. \$200 per month.

Contact Dave Biddle (602) 321-4150.

JULY 2018 SPORT AVIATION MAGAZINE

CLICK PHOTO FOR JULY 2018 SA MAGAZINE



AirVenture Schedule can be found at

<https://www.eaa.org/en/airventure/eea-airventure-schedule-of-events>

AIRVENTURE

<https://www.eaa.org/en/airventure/eaa-airventure-news-and-multimedia/eaa-airventure-news/eaa-airventure-oshkosh/07-05-2018-10-tips-for-camping-at>

10 Tips for Camping at AirVenture



July 5, 2018 - Whether you're camping underneath the wing of your airplane or among the thousands of Camp Scholler residents during EAA AirVenture Oshkosh 2018, there are a few things you need to know prior to heading to Oshkosh. With the assistance of Jack Fleetwood, EAA 694416, and Jim Buxton, EAA 332590, here are some tips to consider when planning your camping stay at AirVenture.

1. Bring a good tent. Stake it down well. Practice putting it together at home before arriving and make sure to waterproof it. When in Oshkosh, close your tent windows. The last thing you want to do after a long day at AirVenture is pour water from your tent after a rain shower.
2. Bring chairs. If you want to hang out around your camping area, it's nice to have something other than the ground to sit on. If you're camping by your airplane, make sure to lay your chairs down when not using them. Nearby airplanes starting up can send your chairs flying!
3. If you're staying in **Camp Scholler**, consider bringing a bike. You'll be walking more than enough once you're inside the AirVenture grounds. Having a bike can make the journey to the shower houses much shorter, depending where your campsite is.
4. Bring a cooler and water. You can purchase ice while you're here. Make sure to stay hydrated.
5. The showers in Camp Scholler are most crowded in the morning. If you are flexible about when you shower, you can avoid the busiest times.
6. Bring a flashlight and batteries. If you're heading back to your tent or camper after the night air show or one of the other evening activities, it doesn't hurt to have a little extra light.
7. **Red One Market** West, Red One Market Central, and Red One Market Southwest in Camp Scholler are great for anything from the item you forgot to pack to fresh, locally sourced groceries for the grill. Although there are many great food options on the flightline, no Oshkosh camping experience is complete without at least one dinner enjoyed at the campsite.
8. Think about bringing ear plugs if you're a light sleeper. The sound of airplanes in the morning and social gatherings in the evening can sometimes be detrimental to a good night's sleep.
9. With the eighth tip in mind, you may not need an alarm clock. The sound of P-51 Mustangs taking off in the morning can serve as your notice that the day's activities at AirVenture are about to begin!
10. Prepare for any kind of weather. Whether it's sunny and hot or rainy and cold, weather in Oshkosh during the summer can sometimes be unpredictable. Bring sunscreen, a raincoat, comfortable shoes, a hat, and some warmer clothes for the evenings and you should be in pretty good shape.

JOHN PREPS YOUNG EAGLES AND TUSKEGEE ACE STUDENTS.

During our Young Eagle event at the Glendale Airport, last May, Larry Jackson approached me from the Arizona Chapter of the Tuskegee Airmen, Inc. organization who were providing us with young eagles that day.

The Archer-Ragsdale Arizona Chapter holds a weeklong Aviation Career Education (ACE) Academy in June from the 4th thru the 8th at the Papago Army Helicopter Aviation Base.

Larry was impressed with the Chapter Ground School we provide before the Young Eagle Candidates take their airplane rides. I use a Radio Controlled model similar to a Cessna 210 to point out the basic forces we use for controlled flight. Gravity/lift generated by the airfoil of the wing. Thrust from the engine, pitch from elevator movement and roll with the ailerons. The young eagles who haven't had any exposure to high school physics and the laws of Bernoulli, Newton and Pasqual are given the theory of lift using the curvature of the airfoil relating to the Bernoulli Principle of velocity increase met with a decrease in pressure.

Larry who is a retired airline captain, watched the presentation with interest, and he mentioned the Academy and asked if I would be interested in repeating the Young Eagle Ground School for his academy candidates. Calendars were checked and with some minor manipulation, I was able to join the academy on Monday June 4th and 5th.

There were about forty young eager teenagers in the Monday class who had an opportunity to listen to speakers from the airline industry as well as a recruitment representative from Embry Riddle University.

My ground school followed with about an hour of gravity, thrust, pitch, roll and yaw. Many questions were asked by the candidates, some I had to dig deep into memory to answer, but the level of questions was impressive as some of these kids had prior aviation training and some had flight time logged.

I felt honored to be asked to give this presentation and was very impressed with the organization by the mentors and presenters of this terrific opportunity to these young people who are ready to pursue aviation as a career choice

The second day was geared to academy graduates who are or want to take their initial flight training.

We planned a trip from DVT to Sedona in a Cessna 172 using a VFR sectional. Time was spent with the 172 manual for indicated, calibrated and ground speed with wind correction and fuel requirements.

A few of the advanced people had been through this segment of flight training and helped me jog my memory to find the answers for these problems. All participants had a great time at a great facility thanks to the Army Helicopter Aviation Base at Papago.

My very grateful thanks to Larry "jet" Jackson for the opportunity to participate in the Academy. John Roffey EAA 312760 Chapter 538.



WWII AMERICAN SPITFIRE PILOT

ANOTHER OLDIE, BUT SOME OF YOU MAY NOT HAVE HAD THE PRIVILEGE OF SEEING THIS
.....ENJOY

An 18 year-old just out of high school was trained to take pictures of damage done to German targets by B-17's. He flew in a British Spitfire fitted with extra fuel tanks where the guns were. In other words, he flew over Germany unarmed...

This is probably one of the best WWII film clips out there. Stored for 61 years in two suitcases of 16mm home movies that were inherited by filmmaker William Lorton from his great uncle who served as a Flight Surgeon. Those suitcases contained 3 hours of war footage that included a compelling crash landing of a Spitfire in 1944.

Filmed in a 2005 interview with the now 83 year old pilot and seeing the expression on his face when he realizes it is him in the cockpit, is something you won't soon forget.

At 18 years old, he was all alone, behind enemy lines, with no guns, no escort, and he gladly did it.

They just don't make them like that anymore. It was truly the greatest generation and we owe them so much.

Click this link or the picture: <https://www.youtube.com/embed/ie3SrjLlcUY>



PICTURES FROM OUR SPEAKER VALIN THORN 06/12/2018



Places to get information about airplane building etc.

If you miss the Chapter Video you can go watch some at:
<http://www.eaavideo.org/category/videos/chapters>

If you have downloaded your copy of DS Solidworks, there is the whole page worth of resources. Go to or click on either picture.

<https://www.eaa.org/en/ea/ea-membership/ea-member-benefits/solidworks-resource-center>

[AirVenture Visitor guide. Is below. https://www.eaa.org/en/airventure/partner-with-eaa/advertise-with-eaa/airventure-visitors-guide](https://www.eaa.org/en/airventure/partner-with-eaa/advertise-with-eaa/airventure-visitors-guide)

SOLIDWORKS RESOURCE CENTER

Dream it. **Design** it. Build it. Fly it!

Since its humble beginnings in Paul and Audrey's basement in Hales Corners, Wisconsin, EAA has inspired, enabled, and defended your right to take a dream sketched on a napkin at the dinner table to first flight and beyond!

You still have the freedom to sketch up a design on a napkin at the dinner table, but the power of computer-aided design (CAD), once a tool used exclusively by commercial enterprise, is now available to EAA members!

The industry standard for CAD software—used by aircraft and kit manufacturers from Cirrus to Zenith—is SOLIDWORKS. EAA has received a generous offer from SOLIDWORKS to make a personal-use version of the software available to EAA members at no charge!

EAA has assembled this resource center to help you get started using SOLIDWORKS. EAA will continue to add information, training and related resources to this resource center, so please keep checking back. Our best resource has always been people like you! So, we invite you to get on the EAA Forums and ask questions, share your experiences, and help others!



SOLIDWORKS
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EAA SOLIDWORKS Forum
Check out the dedicated SOLIDWORKS forum on the EAA Forums. Ask questions, get answers, and share designs with your fellow members.



SOLIDWORKS Related Benefits
Get exclusive EAA Member access to free certification tests, discounts on training, 3D printers, and related services from GSC.

3D Scanning and SOLIDWORKS

Stefan Hokuf from Aeroscan discusses how 3-D scanning is being used in aircraft repair and restoration; including the reverse engineering process from 3-D scan to post-production to model creation in SOLIDWORKS to sourcing fabrication.



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CAMPING
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**OFFICIAL
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GUIDE**

**EAA AIRVENTURE
OSHKOSH
2018**

JULY 23-29
EAA.org/Airventure

ANNOUNCEMENTS

Reminder: Yearly dues are from January 1, until December 31 of each year. Yearly dues are \$20.00 per year. Please make check out to EAA Chapter 538.

UPCOMING EAA WEBINARS

For a list of past webinars that you can download, Click on the web link below:

<https://www.eaa.org/en/ea/aviation-education-and-resources/aviation-videos-and-aviation-photos/ea-webinars>

View Webinar Video Archives

EAA gratefully acknowledges the support of Aircraft Spruce and Specialty Co. for their generous sponsorship of EAA webinars.

Registration is required, and space is limited.

Date	Time	Title	Presenter(s)
7/10/18	8 p.m. CDT	Don't Shoot Yourself in the Foot Qualifies for FAA Wings and AMT credit.	Mike Busch
<i>In this webinar, maintenance expert and A&P mechanic with inspection authorization Mike Busch explores the various ways that aircraft owners inadvertently sabotage the maintenance of their aircraft by imposing inappropriate time constraints or financial pressures on their A&P mechanics. Their motivation is worthy — exercising control over the maintenance process — but their methods often backfire. Mike concludes the webinar with a discussion of how owners can most effectively keep control of their maintenance.</i>			
7/11/18	7 p.m. CDT	Flying Club Scheduling: Challenge or Strategic Advantage?	Josh Bowser
<i>Scheduling and administration are typically cited in the top three areas that make or break a user's experience with a flying club. Josh Bowser founder of Flight Circle will explore how to establish a scheduling system that will turn a challenge into a strategic advantage with communication and predictable operational performance. While Flight Circle, a flying club scheduling tool and EAA Member Benefits Partner, will be used as the platform in this webinar you can apply this methodology using a homegrown system or another third-party application.</i>			
7/17/18	7 p.m. CDT	Get Out Of Dodge! Preparing for Cross- Country Flight Qualifies for FAA Wings credit.	Prof. H. Paul Shuch
<i>Somewhere between solo and checkride, every primary flight student gets to venture away from the home aerodrome, for one or more cross-country adventures. This FAA Safety Team WINGS award qualifying webinar, presented by a long-time flight instructor Prof. H. Paul Shuch, will help student pilots and their instructors to prepare for, and properly document, this exciting rite of passage.</i>			

MEMBERS PICTURES & INFORMATION

Carlos Moves his RV-7



Tom Velvick Starts Painting



Good Afternoon All,

I have us registered for amazon smile. <https://smile.amazon.com/>

When you log into the Amazon Smile site, you must select the charity you are supporting. You will see this area in the black upper band - middle of the screen. Note: Currently, Guide Star, the company that Amazon uses to verify qualified charities only utilizes the first line of our name: "EXPERIMENTAL AIRCRAFT ASSOCIATION" "LEROY CASTLE CHAPTER 538" is not used. Once on the Amazon Smile site, you will notice that there are many with the title "EXPERIMENTAL AIRCRAFT ASSOCIATION" You must choose the one located in "Glendale AZ" **John Gregg Jr.**

CALLING ALL EAA CHAPTER 538 MEMBERS.

Along with my request for articles, pictures, info for this newsletter, twenty-three people out of the 50 or so members have done the ten questions at survey monkey about our chapter and how we can improve it above the great job that Carlos and the rest of the officers/board member are doing. Please take six (6) minutes out of your day to help us make our chapter even better. You can copy and paste it into a web browser and go. You can hold CTRL and click on the link below.

<https://www.surveymonkey.com/r/9NYJZBV>

If you have any ideas for speakers for the chapter meetings please forward them to us.

LAST CALL FOR EAA CHAPTER 1044 GET TOGETHER.



**EAA Chapter 1044
Planes & Pancakes in the Pines
Overgaard, AZ
Saturday, July 14, 7am to 11am**

WHAT:

It's back.... and you are invited!

Arizona's Coolest Breakfast Fly-In! Planes & Pancakes in the Pines.

Escape the heat and join us for a pancake breakfast in Arizona's White Mountains. There will be local exhibitors and static airplane displays to check out. Funds raised support our Youth Education Programs.

Bring out the entire family to see what your local EAA Chapter 1044 is all about!

WHERE:

Mogollon Airpark - AZ82

2768 Airpark Dr.

Overgaard, AZ 85933

CONTACT US:

Larry Driver, Chapter 1044 President

(602) 316-9610 or eaa1044@gmail.com

[Click here](#) for more information.