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Special points of interest:

- Our next gathering will be Monday, September 18 at 7:00 p.m. Young Eagles pancake breakfast, Saturday September 16.
- IMC / VMC Clubs meet the 2nd Monday of each moth at 7:00 p.m.
- Tell Chris St. Germain of any interested groups for Young Eagles. You can fly individuals also.
- We're always looking for good ideas for programs. Please contact Larry Young with your information.



GENEROSITY

Chapter 91 member Phil Schmidt is very generous. Last month, Phil donated yet another outstanding watercolor to the chapter, this time of a gorgeous B-29. In the past we've benefitted from his other paintings which were raffled off and raised money for important projects like purchasing and maintaining our AEDs. We're very grateful for Phil's generous contributions, and we hope you will tell him so, too. He frequently attends chapter gatherings, so there's your chance. Thank you again, Phil!

President: **Mike Dooley**
 President Emeritus: **Larry Young**
 Vice President and Young Eagles Coordinator: **Chris St. Germain**
 Secretary: **Pam Ratliff**
 Treasurer: **Phil Ishmael**
 Board: **Mark Burrow (and tech advisor), Bob Gurski, Mike Dooley, Paul Rodriguez, Wayne Moore**
 Tech counselor & resident DAR: **Dave Jobe**
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EAA Chapter 91, Lee's Summit Municipal Airport (KLXT)
Lee's Summit, Missouri

President's Corner

EAA Chapter 91 president, Mike Dooley

August was a busy month, with an IMC Club meeting, pancake breakfast, and Young Eagle Rally. Our August cookout was actually held on September 1 to coincide with a Red Star/Yak 52 aerobatic workshop hosted by Ron Penrose. The Yak pilots took advantage of some terrific weather and had a great workshop. Chapter 91 members enjoyed some great food, fellowship, and an interesting discussion about pilot training under the former Soviet system.

If that wasn't enough, we recruited several new chapter members that evening as well as a new "team" physician, Dr. David K. "Keith" Cochran, D.O. DC, COL, US Army (Retired). Dr. Cochran is opening a new concierge medical practice in Lee's Summit, focusing on the prevention of cardiovascular disease. He also performs FAA BasicMed exams and offers a discount for Chapter 91 members. See more about Dr. Keith in this issue!

We have another great month of activities in September including a VMC Club meeting on September 11, our monthly pancake breakfast and Young Eagle rally on September 16, and the monthly chapter gathering on September 18. Our next cookout will be held September 22 to coincide with the KR Gathering hosted by Rob Schmitt. Rob has some great activities planned for this weekend-long event, including presentations by Garmin and a composites class by Griff Pickett. See more in this issue!

Work continues on the extension of runway 18/36 and the latest projection still calls for a September opening. Standby for news and stay alert for Notices to Airmen (NOTAM) regarding temporary closures needed to complete the work.



P.S. I'm planning to an aircraft wiring 101 workshop in October. This will be a hands-on small group session (or individual session-depending on interest and personal schedule(s)) intended to introduce beginners to DC circuits, wire selection, marking, circuit protection, terminal crimping, etc. Contact me if you are interested and we'll pick some dates and times!

EAA CHAPTER 91
MINUTES OF THE MEETING
August 21, 2017

The meeting of EAA Chapter 91 was called to order at 7:00 P.M. by President Mike Dooley in the chapter meeting room at Lee's Summit Airport. The Pledge of Allegiance was led by Larry Young, and Mike asked for guests to be introduced. Dennis Weaver was visiting.

The minutes of the July 19, 2017 meeting were approved as printed in the August newsletter. Treasurer Phil Ishmael presented an update to the budget. Pam passed a sign -in sheet to record attendance as well as sheets to sign -up to help at coming breakfast and Young Eagles rally in September.

The next chapter meeting would be Monday, September 18; the next board meeting September 4. The KR Gathering was scheduled Friday and Saturday, September 22 and 23. Workshops and a banquet would be held with chapter members welcome to participate. Reservations were necessary by August 31 with Rob Schmitt. Members could check their website: KRGathering.net.

The next pancake breakfast and Young Eagles rally was scheduled September 16. A potluck would be scheduled September 1 in conjunction with a Yak -52 training event sponsored by Ron Penrose.

Young Eagles Coordinator Chris St. Germain said 69 Young Eagles participated in the event August 19. The delegate sponsored by Chapter 91 to Air Academy, Madi Taranto, would make a presentation to the chapter in the future. She expressed her gratitude to the chapter for the experience.

Mike listed chapter participation during AirVenture in Oshosh. Larry Young gave a brief description of transporting the Welcome Wagon #4 to Oshkosh where it was well received. Mike said the chapter camping had been a success.

Regarding wants and needs, Joyce Baucom has a Garmin 295 GPS of Ed's and was asking for an offer to purchase it. Susan Calvin was seeking a partner to invest in a Cherokee 180. Phil Ishmael had a Bendix-King GPS for sale for \$300 or best offer.

Phil Schmidt donated another painting of a B -29 for the chapter to raffle as a fund -raiser. The VMC Club would meet September 11. Mike was planning to schedule the EAA Ford Tri-motor or B -17 in 2018 and was seeking a chairperson. Work on the COP would begin soon.

The program was presented by Griff Pickett on using composite materials. The meeting adjourned 8:50 P.M.

THE KR's ARE COMING



Builders and pilots who choose a particular airplane as a project develop a serious case of affection for the brand, and the KR series is no exception. Builders and owners have formed an association and they meet every year to exchange ideas, learn more, talk with pilots and other builders, take pictures to assist in the building process, and meet with new and old friends who share their enthusiasm.

This year, the group will hold its annual KR Gathering at LXT, thanks to Chapter 91's own Col. Rob Schmitt. Rob and his KR-2, N1852Z, actively participate in our Young Eagles program and have taken their share of kids up for their first small airplane flights. And while Rob is currently building a Wittman Tailwind, he still maintains his zeal for the KR.

The gatherings are well attended and, depending on weather, have attracted as many as twenty-one airworthy examples. Some sixty to one hundred KR enthusiasts are expected to attend as this marks the forty-fifth anniversary of the KR's introduction. It will be the first time for LXT. You can find more information <http://www.krgathering.net>. Everyone is welcome to visit the event, though joining them for their banquet required prearrangement by August 31. But the daily events and workshops, including one by our own Griff Pickett, are available to anyone.

The KR folks would love to meet Chapter 91 members, and we want to meet them. So we have once again modified our monthly potluck cookout to coincide with their event. That will change from the usual Friday preceding our Young Eagles Saturday to Friday evening, September 22. Bring your food contributions at 5:00 and prepare to get in line at 5:30. Also, please notify Mike Dooley if you plan to attend – he needs a head count to ensure there will be enough food. You can reach Mike at 816 956-1887, or by e-mail at jump88@aol.com.

Chapter 91 extends a warm welcome to the 2017 KR Gathering participants to Lee's Summit Airport. Chapter 91 members are known for our friendliness and hospitality, and we hope you can get out to welcome our visitors.

A FEW OF AUGUST'S YOUNG EAGLES



AUGUST'S PROGRAM



Long ago, in high school, I took a couple of years of chemistry. I don't remember much, but there was something about moles (though they weren't furry little animals) and the periodic table was a bit abbreviated from what it is today. I also recall using slide rules to solve problems, and wearing face protection for some experiments. That may be the extent of my memory. Of course, it was so long ago, most of it has slowly evaporated from my mental pending file.

Griff Pickett, on the other hand, must have been a chemistry star. As the presenter for our last chapter program, he easily belted out complicated chemical terms that got my tongue tangle up with my teeth. Plus he really understood them! But the essence of his talk was about using alternative materials and chemicals to build components for our experimental airplanes. Like how to make a fuel tank from composites rather than from sheet metal. And why would we want to do that? Well, for one thing, because composite materials can be formed to most any complex shape, where sheet metal could not. Ah! That makes sense. And I didn't have to draw heavily from my extensive chemistry background to figure that out either. Good job, Griff!

Griff let his actions speak by taking us into the hangar to demonstrate first-hand how to construct from these alternative materials. His demonstration triggered several questions from attendees who were clearly dealing with the need for unconventional building methods. While I personally don't speak chemical very well, the program did drive home that thinking outside the box has its place. And luckily, since we deal with experimental aircraft, we have the freedom to experiment with such options. Thanks for the tips, Griff! Now go tell those KR builders how to do it. They look like they could use the help.

SEPTEMBER'S PROGRAM – HERE COME DA JUDGE

Each year, EAA's annual AirVenture at Oshkosh brings all kinds of aircraft from all over the world and some of them garner impressive recognition for being truly outstanding versions. But have you ever wondered who judges them or what standards are used to determine why one airplane is better than another? Well, your questions will finally be answered at our September gathering. Our speaker will be former Chapter 91 VP Kit Lindsay, who has been an AirVenture judge for more than eighteen years. So if you harbor secret desires to take home that grand champion award someday, you'll definitely want to be here. On the other hand, if winning awards is not your thing, you'll still come away with a much better appreciation of how these judgments are made. Kit will explain the pertinent information, then take us into the hangar and, using our members' airplanes, have some of us see if we can recognize what he has to look for. It will be fun and educational, so be sure to join us Monday, September 18 starting at 7:00 p.m.

ANOTHER LIZZY BARCLAY UPDATE



Last month we gave an update on a former Young Eagle, Elizabeth “Lizzy” Barclay. The essence of the article was that after many Young Eagle flights with Chapter 91 pilots, she started taking dual instruction. As of August 19, Lizzy had logged some 32 flight hours and, as mentioned in the last newsletter, had soloed. She also enrolled at the University of Central Missouri in Warrensburg and is currently working on completing her private pilot ticket. Well, as you can tell, this is one ambitious and focused young lady and she has now interrupted her formal education to join the U.S. Navy Reserve. She will leave for six months of training in November, then return to UCM to finish her degree. Her navy training will prepare her to be an intelligence specialist. Chris St. Germain provided the information about Lizzy last month, and she and her mother, April, showed up for our August Young Eagles event, so we took that opportunity to get a picture so you could put a name with a face. We certainly want to wish Lizzy a world of success, and look forward to seeing her again for many years to come.

THE TEAM'S NEW DOC



If you are planning to replace your class III medical with the FAA's new BasicMed program, you may be looking for a physician to navigate the new system. Many practitioners are not aware of the changes. Most assume they still need FAA authorization, and some are overly concerned about potential liability issues. That, of course, complicates our search for qualified medical assistance.

But sometimes, fate has a way of intervening at just the right time. Like the afternoon of our last chapter potluck cookout when Mike Dooley happened to recognize a guy lurking around the airport. Turns out that guy was Dr. Keith Cochran, DO, DC, Col US Army (Retired), and they had met several years ago at Fort Hood. It seems, among other things, Dr. Cochran had once been a flight surgeon so he knew a thing or two about flying and flight physicals. He is also a pilot, though not current for several years.

Dr. Cochran recently returned to the Kansas City area and has a medical office in Lee's Summit. Being retired from the military, he was not desperate for patients. But as a civilian pilot, and a licensed physician, he is the perfect guy to fulfill those BasicMed requirements and is willing to do so. After he learned of the BasicMed program, he decided to provide those services. Mike now thinks of him as our team physician, and we probably should, too.

We hope Dr. Cochran will attend our next gathering so you can meet him, but if not, don't hesitate to contact him for an appointment. The office address is 410A SE 3rd Street, Lee's Summit, MO 64063. His e-mail is dkcochran1@gmail.com.

WELCOME WAGON 4 ARRIVES AT OSHKOSH

You know the story – here's what it looks like. Nice job, guys!



AUGUST'S COOKOUT AND YAK-52 CLINIC



What's it like to fly a Yak-52? Would it be something like a P-51? Well, we mere mortals may never know, but Ron Penrose and three other Yak owners could tell us a lot. We do know that since the Russian Yak is basically a military trainer with exceptional aerobatic capabilities, its capacities are significant. So much so that these guys decided they should get some professional instruction to maximize their safety and understanding of the airplane. Pretty smart thinking in my book.

Of course, when arranging the visit for Gennady "Gena" Alfamov, a Russian transplant now living in the UK, who knew the runways would be under construction? And as you can imagine, that complicated the situation more than a bit. Frequent scheduling adjustments and the inevitable mechanical problem pushed the planned itinerary out of kilter. Which is why the "program" was delayed at our potluck cookout. But for good reason.

For the pilots, the flight course had to be completed, but they had no control over the contractor's frequent disruptions. The cookout's attendees who were able to stick around heard some interesting explanations from Ron, Seth Bertram from Ohio, and John Elam from Alabama. Ron spoke briefly about his experience, then introduced the others and asked them to say a few words, which they did. Finally, Gena addressed the group, and we learned more about the Yak-52's history and why he travels the world holding these training sessions. Gena is very much in demand: After his week at LXT, he was headed for Switzerland for yet another clinic. Talk about living the dream!

It was all very interesting. The food was good and the attendance more than reasonable, considering it was a holiday weekend. The chapter had adjusted its normal schedule to accommodate the Yak group's seminar, and the Yak guys all appreciated the effort. We're glad it worked, and we enjoyed the experience.



AIRVENTURE 2017 FROM DENNIS DAVIS



Thanks, Dennis. There are more & we'll put them in when there's room. Stay tuned!

ONE MORE COOKOUT DATE CHANGE

Our monthly potluck cookouts have been very successful since we started them late last year. As you know, we've since made them standard Chapter 91 events, and they are typically scheduled for the Friday evening immediately preceding the third Saturday Young Eagles rallies. However, last month, we were asked to coordinate with the Yak-52 clinic, and we did. And this month, we've been asked to do the same for the upcoming KR Gathering. We have agreed, so please make a note that the September potluck and cookout will take place on Friday evening, September 22. You should let Mike Dooley know if you plan to attend so he can be sure there's enough grub for everyone. Call or text Mike at 816 956-1887 or e-mail him at jump88@att.com. With any luck, we'll return these events to their regularly-scheduled dates and times, or we'll keep you guessing just for fun.

2751 NE Douglas St.
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THE MONTHLY NEWSLETTER:
EAA CHAPTER 91
September 10, 2017



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