



## HELPING

New members joining Chapter 91 may not know what to do next. Most would like to become involved at some level, but knowing how to take that next step can be intimidating. Asking yourself what they are good at can help address that issue. For example, when new member Earl Downs heard our Young Eagles kids needed help filling out their logbooks, he jumped at the challenge. Having been deeply immersed in aviation for many years, Earl filled that void. What do you do well? Just let us know.

### Inside this Issue:

President's Corner .....	2
Minutes .....	3
VMC Club .....	4
Young Eagles Pictures .....	5
Last Month's Program .....	6
This Month's Program .....	7
June's Young Eagles .....	8
Tri-Motor Arrives & Potluck Cookout .....	9
Scholarship Updates & For Sale .....	10
From the Library .....	11
Up With Downs .....	12
500 and Counting .....	13
Ninety Nine's Scholarship .....	14
Visit our Sponsors .....	15

### **Special points of interest:**

Our next gathering will be in Monday, June 17 at 7:00 p.m. IMC/VMC Clubs meet the 2<sup>nd</sup> Monday of each month at 7:00 p.m. Next Young Eagles Rally & pancake breakfast is Saturday, June 15, 2024. We're always looking for good ideas for programs. Please contact Chris St. Germain with your information.

President: **Rob Schmitt**

Vice President and Young Eagles Coordinator:

**Chris St. Germain**

Secretary: **Becca Danik**

Treasurer: **Sandy Rice**

Board: **Jim Brady, Paul Rodriguez, Larry Rhoads, Phil Ishmael**

Tech Counselors: **Bill Gill, Mark Burrow, & John Rice.**

Flight Advisor: **Bill Gill**

Program Chairman: **Chris St. Germain**

Maintenance: **Tom Licata**

Newsletter: **Bruce Hood**

Web Editor: **James Perkins**

Eagle Flight Coordinator: **Matt Williams**

**EAA Chapter 91, Lee's Summit Municipal Airport (KLXT)**  
**Lee's Summit, Missouri**

# President's Corner

EAA Chapter 91 president Rob Schmitt

Trimotor, Young Eagles, and AirVenture!

The flying season is upon us and there is lots happening in the chapter. Our big event this summer will be the Ford Trimotor tour, and I greatly appreciate everyone who is signed up to help out. Let's hope the weather cooperates and we get to see many aviation enthusiasts show up at our chapter to see this wonderful aircraft. The days the aircraft will be open to the public for tours and flights will be Thursday – Sunday, 20 – 23 June. Tickets for the flights are \$99 per person. If you or someone you know is interested in a flight, they can sign up at [www.flytheford.org](http://www.flytheford.org). Also coming up quickly is our June Young Eagles flights and pancake breakfast on 15 June. Our monthly potluck social on Friday, 14 June, will have a Mexican theme,. The chapter will provide tacos so please bring a Mexican-style side dish or desert to go along with the tacos. AirVenture is also rapidly approaching in July. Here are the main events for the chapter at Oshkosh:

- Tuesday, July 23, 9:00 a.m.: Chapters photo at the Brown Arch. All EAA chapters participate.
- Tuesday, July 23, approximately 9:30 a.m.: EAA 91 photo with Larry Young's brick at Brown Arch (right after the chapters photo)
- Wednesday, July 24, 12:00 – 3 p.m.: Chapter 91 lunch/social. Location is the Chapters Pavilion in Camp Scholler.
- Sunday, July 28, 10:00 a.m.: Unveiling of the Larry Young memorial plaque at the Main Chapel. We have an email distribution list for anyone who would like to get information on the chapter's happenings at AirVenture. If you would like to be added, please send me an email; [robert7721@aol.com](mailto:robert7721@aol.com)

Upcoming Chapter 91 highlights include:

- The VMC Club on Monday, June 10 at 7p.m. Location is Summit Technical Academy.
- June hangar setup/potluck social: Friday, June 14 at 6 p.m.
- Young Eagles & pancake breakfast: June 15, 7:30 a.m. – 11:00. Flights start at 8:00.
- June gathering: Monday, June 17 at 7 p.m.
- Trimotor Tour, Lee's Summit: Week of June 17-23.
- Next board meeting: Monday, July 1 at 7 p.m.



# EAA CHAPTER 91 GATHERING

## MINUTES

May 20,, 2024

- I. The meeting was called to order by President Rob Schmitt at 7:00 p.m. Welcome to all newcomers and guests who were visiting our chapter this month! The Pledge of Allegiance was led by Bob Bond. This past month we hosted our Flying Start event; unfortunately the weather had other plans. Despite that, there was a great turnout and now that the weather is better, pilots are working on providing makeup rides to registrants. The upcoming month has several exiting events planned, including Young Eagles and the Tri-Motor Tour. Last month's gathering notes were approved as published in the newsletter with a motion from Bruce Hood and a second by Chris St. Germain. If you need a name badge, please talk to Becca! The May Young Eagles event was a large one, with 84 kids being flown, including a Scout group that camped in the field and actually walked over to their flights from their tents. Our next Young Eagles event will be on June 15<sup>th</sup>. If you are interested in helping with Young Eagles or Pancakes, please reach out to Chris St. Germain. Friendly reminder that there will be no Young Eagles in July.
- II. Old Business: Jim Brady was able to present Layla with her Ray Scholarship shirt and hat from EAA this month. Despite her changing flight schools, she is up to 10 hours already. Rob Schmitt provided an update on our two Hedrick Scholarship recipients, and we will be rewarding more in the fall. Stay Tuned! Our chapter has many talented members, so if you are interested in classes relating to aircraft electrical systems, sheet metal, composites, or others, reach out to Mike Dooley and/or Rob Schmitt. Chapter members have recently been flying to different breakfast events on a regular basis. These include: the Vintage chapter breakfast in Garnder on the first Saturday of the month, the Aviation Explorers breakfast in Ottawa, KS, on the second Saturday of the month, and breakfast/lunch at Miami County on most other weekends. If you want to be added to a chapter text message distro list for these, please let Rob Schmitt or Chris St. Germain know. The chapter lunch at Oshkosh will be on Wednesday at noon this year, located at the Chapter Pavilion in Camp Scholler. The unveiling of the Larry Young Memorial plaque takes place on Sunday, July 28<sup>th</sup> at 10 a.m. as well. If you missed the sign-up sheet at the chapter gathering for the email distribution list, please let Rob Schmitt know, and we will get you added. The chapter photo with all EAA chapters will take place at the Brown Arch on Tuesday at 9 a.m. The Tri-motor visit is quickly approaching. If you are interested in volunteering, reach out to a member of the board. There are also plenty of promotional materials available to help spread the word!
- III. Announcements/Wants and Needs: Bruce Luedeman has an Avid Flyer kit for sale; contact him if interested. Ryan Raymer is looking for a wing stand to borrow, please contact him if you can be of assistance to his project. Sara Etherington is racing in the Air Race Classic and is working on raising money. Contact her if interested in supporting. Nancy Inderwiesen has an electric tug for sale Contact her if you are tired of pulling your plane around by hand!
- IV. New Business: There was no new business.
- V. Calendar: board meeting: Monday, June 3<sup>rd</sup>, 7p.m. IMC/VMC Club: Monday, June 10<sup>th</sup>, 7 p.m. June potluck social/hangar setup: Friday June 14<sup>th</sup>. The theme is TBD, but please bring a side dish. Young Eagles/pancake breakfast: June 15<sup>th</sup>. June chapter gathering: Monday, June 17<sup>th</sup>. Tri-motor Tour: June 17<sup>th</sup> – 23<sup>rd</sup>.
- VI. Presentation: Attack Coffee Company.



Our next meeting of the VMC Club will be **Monday, June 10th at 7:00 p.m.**, and we are going on a road trip.

**Summit Technical Academy** quietly opened its doors just south of the airport a few years ago and is making waves with young people in our community. Visit this website, [sta.lsr7.org](http://sta.lsr7.org) and scroll down a touch and watch the video.

Although they offer education in many different areas on site, we pilots might be most interested in the Aerospace Engineering Department. And the director of that department is Colin McKee, formerly the LXT Assistant Airport Manager. Colin would like to show off what STA is offering kids who care about aviation. And have I mentioned that includes the three Redbird Simulators (come try one out!) and the plans to move their facility to the east side of the airport next year?

**Here is how to get to the front door:**

- From highway 50, take the Chipman Road exit, east bound;
- Turn left onto NW Ward Road (past the MacDonalds);
- Turn right onto Tudor Road;
- Turn left onto NW Innovation Parkway
- Take first right turn into parking lot.

And I realized recently that many of you are unaware that you can learn of many more in-person and on-line seminars that really interest us pilots. Just visit <https://www.faasafety.gov/> . Click on “Upcoming Seminars” or “Featured Courses” and see what interests you. And if you register as a user, you will get notified of this and all of the other seminars when they become available.

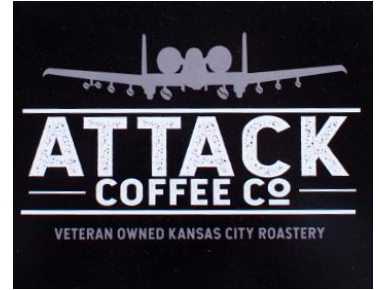
Chris Hope, CFI-I, VMC Club Facilitator  
2018 FAA Flight Instructor of the Year, Central Region



# A FEW OF MAY'S YOUNG EAGLES



# LAST MONTH'S PROGRAM



Two unnamed presenters spoke to our May gathering and entertained us for the evening. As two A-10 pilots who are still sort of in the military yet fly full time for the airlines while running their coffee company, they asked we not take personal pictures. While the underlying logic remains elusive, we honored their request, which is why you will not see their photographs in the usual place above.

Known to us by their military call signs, Zero and Double met at Central Missouri State University (now University of Central Missouri) and formed a lasting relationship. Both became CFIs and flew gigs that included instruction and flying skydivers. After joining the Air Force, the guys flew T-37s and T-38s, then took A-10 initial training. Later they joined the 303rd Flight Squadron where they jockeyed A-10s for real. After nearly twenty years in the service, they logged some 3,300 hours with 2,100 in the A-10. Now they are flying the big iron – 757s, 767s, and 777s – for the airlines. Final retirement from the military is rapidly approaching on the calendar.

While suffering through the Covid lockdown, Zero shared his passion for self-roasting various coffees with his squadron mates. As a result, Double suggested they should form their own coffee company and try to make some money while having some fun. That's how Attack Coffee Company was born.

Following a brief explanation of how coffee is selected and roasted, we learned that they offered their coffees to various groups, including one of the recent Kansas City Air Shows which is where Chris St. Germain ran into them. In addition to a website and social media administered by Double's wife, this is one ways they promote their products. They even provided a couple of very fine tasting blends for our break. Yes, it was quite good.

In spite of the anonymity, we enjoyed their presentation and discussion. They proudly admit that after some three or four years, the company has finally moved into the black. If you'd like more information on Attack Coffee, check out the web site at [attackcoffee.com](http://attackcoffee.com).

## **THIS MONTH'S PROGRAM**

This timing is genius! And right on schedule for Oshkosh too! Our speaker for June will be a local air traffic controller who volunteers to work AirVenture. With multiple years of experience as a “Pink Shirt,” Paul Apel (pronounced “Apple” – like the fruit), currently assigned to Wheeler Downtown Airport, will give some timely insights to those who will be flying to the event in July. But even if you engage other forms of transportation, you are sure to learn lots from this presentation. Chris St. Germain (the genius mentioned above) has been juggling his appearance thanks to Paul’s work schedule which tends to change a bit. But the time has finally arrived, and we are truly looking forward to hearing all about this most interesting work. Since Oshkosh earns the title of the World’s Busiest Airport during AirVenture, seeing things from ATC’s view holds a great deal of significance. While he doesn’t fly A-10s or furnish coffee, Paul’s talk is nonetheless guaranteed to be a hit.

As always, the fun starts after a short business meeting on Monday, June 17. If you’ll take your seat by 7:00 p.m., you will find yourself learning all about what it’s like to handle this extreme level of air traffic. June’s gathering will be held at our clubhouse in the Larry Young Eagle Hangar at Lee’s Summit Municipal Airport. We hope you can make it because Rob will also be providing finalized plans for the upcoming Tri-Motor visit the week of June 23. That’s another one you will not want to miss! Plus, Rob will also discuss various chapter events that will take place at Oshkosh, like Larry Young’s brick laying and memorial plaque unveiling. These are important occasions you will want to know about. So please plan to join us on Monday, June 17. There is a lot going on, so be sure you get the freshest details while you can. See you there!

## **ABOUT JULY’S YOUNG EAGLES . . .**

No, it’s not yet July yet, but everyone should be aware that in July, we will not be holding our normal Young Eagles event – that means no pancake breakfast and no flights for kids. Thanks to a conflict with the opening of this year’s AirVenture, just like last year, we are having to cancel this third-Saturday program. But that is just for July; in August, we will restart everything and get back to normal. Our choice of the third Saturday of the month during the warmer months has proven to be a good selection, but sometimes there can be conflicts, and this just happens to be one of them. We know this may cause some consternation for our regular Young Eagles’ families, but we have to do what we have to do. Since many of our chapter members will be gone, it’s a fair compromise. We’ll see you for the June event and again in August. Have fun in Oshkosh.



# JUNE'S YOUNG EAGLES EVENT

This month marks our third Young Eagles event for the year, (Yes, time really does fly when you're having fun!) and according to Young Eagles Coordinator Chris St. Germain, the schedule filled up in just a few hours. That ensures we will have a nice turnout once again, and we're looking forward to it.

On Saturday, June 15, our pancake breakfast will begin serving at seven thirty a.m. with flights starting at eight. Breakfast will be served until eleven, but we're going to try something a little different this month: Since the second tranche of kids and families comes at ten o'clock, most have already eaten. So we are going to offer a modified menu starting at ten o'clock to see what happens. This menu will be lighter fare with microwavable foods being offered.

If you would like to help with serving or preparing the food, remember that you will need to hold a Jackson County food handler's permit. If you don't have one, there is an online course and exam that can grant you one. It takes only about an hour to go through the program, so it's not a big deal. There is a small charge to participate, but the chapter will gladly reimburse you that cost upon completion. Text or call Rob Schmitt (816 309-0099, [robert7721@aol.com](mailto:robert7721@aol.com)) or Mike Dooley (1 816 956-1887, [jump88@aol.com](mailto:jump88@aol.com)) to learn more. They will be glad to hear from you.

Since our manifest appears to be full, we could use all the help we can get. If you are a pilot and would like to volunteer to fly, please contact Chris St. Germain ([youngeagles@eaachapter91.org](mailto:youngeagles@eaachapter91.org)). You will need proof of having completed EAA's Youth Protection Training and pass a background check. These are available at no cost from EAA, but check with Chris for all the details. Then if you can help out, we'd love to have you.

We always have need for computer-savvy folks to help at the check-in table. Or if you're interested in flight simulators, we can always use more assistance supervising in that area. We have two flight sims and both are very popular with kids waiting for their flights. Check with Chris or any officer to learn more.

Here's the thing: if you would like to come help us, we will definitely find something for you to do! Hosting these enthusiastic kids and their families is rewarding in itself, and you may be surprised how hungry many of them are to learn more. Why not give it a try this month?



# THE TRI-MOTOR VISITS THIS MONTH



EAA's Ford Tri-Motor is scheduled to fly passengers at Lee's Summit this month. The last time Chapter 91 sponsored this big beauty was in 2018, so we are certainly looking forward to seeing it again. As always, the call for volunteers was met with a resounding response, which allowed Rob to create a work schedule comfortable for all respondents.

The big bird will arrive around June 17, but public rides won't begin until Thursday, June 20. Local VIPs, including TV and government officials, will be taken for promotional flights prior to the public's official invitation is extended.

As always, last minute adjustments are always to be expected, so Rob will announce the finalized schedule at our June gathering, Monday June 17.

For further details concerning the Tri-Motor's visit, please read Rob's "President's Corner" column on Page 2. Even if you are not working at this event, we hope you can come out to see it for yourself. The Tri-Motor is really quite a perfect slice of aviation history.

## JUNE'S POTLUCK COOKOUT

Now that things have warmed up, we have returned to actually grilling for our monthly potluck cookouts. We have to improvise a bit during the cooler months. This month, we will gather at the Larry Young Eagle hangar at KLXT on Friday, June 14, where the serving line will queue up at six thirty p.m. For this one, we are breaking out of our prior hamburgers-and-hotdogs routine with a spicy (or not so spicy) Mexican theme. The chapter will provide the taco meat, taco shells, and the usual accruements like lettuce, cheese, and various intensities of taco sauce. You, on the other hand, are asked to bring a side dish that complements our theme which you can share with others. Refried beans, enchiladas, quesadillas, corn, or something like that would be perfect. But feel free to improvise. This is a great time to get together with your chapter friends and families, so we hope you will consider joining us.

# SCHOLARSHIP UPDATES



Our scholarship recipients are reporting very positive things now that the decent flying season has arrived. At our last chapter gathering, Jim Brady presented Ray Scholar Layla Cranston with a nice Ray Scholarship T-shirt and cap. Layla has recently changed flight schools and is scheduling flights six week days when she can. Frankly, that's the best way to do it! In fact, Layla occasionally sends along information and we're happy to publish her most recent update here:

Good afternoon. I am writing to give a brief update. I have been flying at Summit Flight Academy with Katia Van Horn. She is a great instructor, and I'm enjoying training on the Piper Cherokees. I will sent a more comprehensive update later since I forgot to take photos this week, but I have lessons scheduled 6 days per week whenever I'm available.

You may remember Layla's instructor, Katia Van Horn, was a Ray scholar just a short time back, so seeing this progression is very impressive.

We always appreciate hearing from our students, and Layla has proven herself quite adroit at it. We certainly look forward to seeing her pictures in the near future.

Our two Hedrick Scholars, Ben Caughron has signed with Summit Flight Academy and Presleigh Martin is advancing further in her endeavors. We see Ben and Presleigh at Young Eagles events, and we're very happy to see them progressing so well.

## LOW-COST AIRCRAFT FOR SALE

For Sale: Chip Erwin Merlin, single seat with a mounted Hirth 50 HP two-cycle engine. Wiring and radio tray complete. Located in St. Louis. Easily trailerable. Price mid-\$30's. Contact Bruce Luedeman 816 353-6826 (text or voice).

# FROM OUR LIBRARY

By Barbara Dooley, Pre-K-12 librarian, retired



## AIRCRAFT BOOKS

We have several books in the library about aircraft. I will share a few with you. Our first book titled *Aircraft* by David Mondey, Copyright 1988, starts in 1783 with man's desire to fly. It goes into the history of balloons, talks about military planes, the jet fighter story, light and special purpose planes, helicopters, and jump jets. It has beautiful pictures but is a little old.

Our second book, *The World's Greatest Aircraft*, by Christopher Chant, Copyright 2011, is a coffee-table book. It starts with early fighters of WWI, fighters & bombers, maritime patrol, civil aircraft, and specialized aircraft. It has a lot of information and great pictures.

Our third book, *Aircraft of the World The Complete Guide* published by International Masters Publishers AB 1999, is a listing of aircraft made.

Our fourth book is titled, *Classic Airplanes* by Walter J. Boyne, copyright 2002. The author is the past director of the National Air and Space Museum. He starts with the early years, 1903-1913 and the Wright brothers. The book goes on to cover World War I, 1914-1918; the Golden Age of flight, 1919-1938; World War II, 1939-1945; and the jet age, 1946-present. It is not quite as detailed as *The World's Greatest Aircraft*. The information looks good, and of course the pictures are awesome.

There are other books on aircraft. Come by and browse to find something to take home. Happy reading!

# WHO WAS FIRST?

By Earl Downs, DPE

There is no doubt about the fact that Orville and Wilbur Wright produced the first powered controllable airplane and then flew it. Of course, there are some who believe that other people were first. Here is a good example of where these sorts of claims come from.

Born in 1840 in Maine, Hiram Steven Maxim only progressed through five years of formal schooling. As he grew up, he proved to be an avid reader of books about scientific and engineering subjects. By the time he was 30 years old, Hiram was well respected as a self-taught engineer. However, before he took a step toward the flying machine, his name became renowned for another reason.

In the late 1870s, he invented and patented a gun that would automatically chamber and fire hundreds of rounds per minute. The US Military was not interested in his invention, but the British War Ministry was very interested and cut him a deal. By 1884, the British Maxim Machine Gun, which could fire six hundred belt-fed rounds per minute, was put into service. Maxim became a British citizen, was knighted by Queen Victoria, and attained considerable wealth.

From 1885 to 1890, Maxim turned his wealth and energies to aeronautical experiments. He developed airfoils, propellers, and calculated lift tables. He was an early user of a wind tunnel in his experiments. In 1891, he began work on a full-size flying machine.

He focused his design toward perfecting an efficient, lightweight steam engine. The result was a 180 hp engine that weighed only 320 pounds. However, the boiler and condenser system added considerably to the overall weight. The airplane was designed to use two of his engines, and after several design changes, ended up as a huge, two-winged monster. The body was forty feet long and eight feet wide. It stood over thirty feet high, and the wingspan was 104 feet. Two seventeen foot propellers provided thrust for his three and one half-ton airplane.

The device rolled on iron wheels, and Maxim laid 1,800 feet of track for it to roll on. The flying machine had no control system, so it was designed to remain in "captive" flight." A set of wooden upper rails was constructed above the track. If the machine rose more than a few inches, outrigger wheels would hit those upper rails and keep his monster captive.

In 1893, his flying machine was perfected to the point that Maxim would give demonstrations and rides. It must have been quite a sight to see his team-powered monster swinging its huge propellers, speeding along its track. On July 31, 1894, something went wrong, or maybe right. Maxim and three passengers rolled down the track for a demonstration.

The machine lifted sharply, and the upper rails broke. Unrestrained, his machine rose about two or three feet and traveled some two hundred feet before Maxim could shut down the engines and crash-land. This nonfatal "flight" ended Hiram Maxim's flying experiments.



## 500 and counting...

By General Aviation News Staff · May 20, 2024



Some of the EAA scholarship recipients during a corn roast at EAA AirVenture Oshkosh 2023. (Photo by EAA)

EAA AVIATION CENTER, OSHKOSH, Wisconsin — Officials with the Experimental Aircraft Association (EAA) **Ray Aviation Scholarship** program report that 500 scholarship recipients have earned their pilot certificates.

The scholarship program is funded by the Ray Foundation, managed by EAA, and administered through the EAA chapter network. Through the program, EAA provides scholarship recipients up to \$11,000 to help cover flight training expenses. EAA received \$1.8 million from the Ray Foundation for 2024.

Since the program's introduction in 2019, more than 880 scholarships have been provided to young people. The current pilot certificate completion rate for Ray scholars is 81%, with approximately 270 more scholars currently in flight training, officials said.

"Many aspiring pilots fall short of their goal due to the cost of flight training, so EAA working with the Ray Foundation helps relieve some of the financial pressure and make the goal of becoming a pilot even more accessible for future generations," says Rick Larsen, EAA's vice president of communities and member programming. "The high completion rate of our scholars demonstrates the impact of a supportive environment provided by EAA chapters."

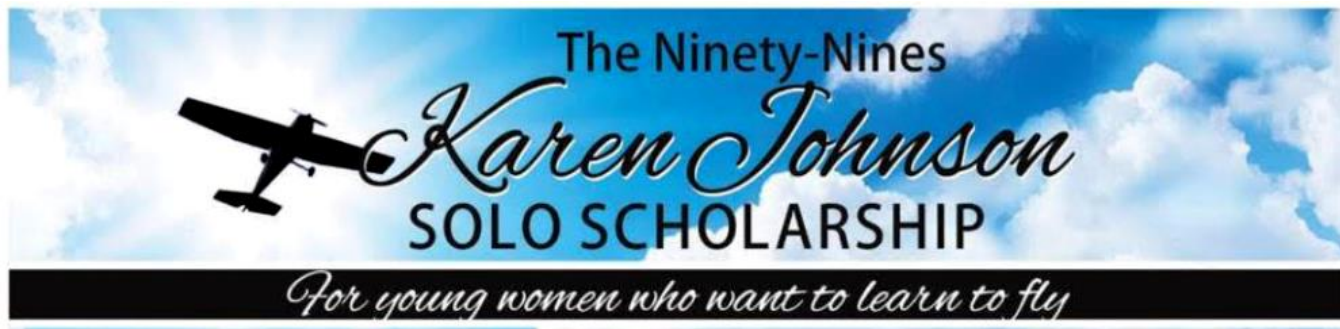
There are EAA chapter and scholar eligibility requirements for the Ray Aviation Scholarship that indicate a commitment to success, officials added.

Once a chapter is approved for the program, it nominates its chosen scholar for EAA's final review.

Many chapters are granted the full \$11,000 for their selected scholar, but some chapters have committed 25% of the award to secure their slot in the program. All EAA and divisional chapters in the United States and Canada are eligible for a grant up to \$11,000.

The **Lightspeed Aviation Foundation** and EAA award a Zulu 3 headset to each scholar after they complete their first solo or, if they soloed pre-scholarship, after passing the written exam. This recognizes the scholar as they progress and ultimately complete flight training officials said.

# NINETY NINES' WOMEN'S SCHOLARSHIP AVAILABLE



- A \$3,000 Scholarship
- For flight training through first solo and beyond
- Application deadline: July 1, 2024

The Ninety-Nines will award a \$3,000 Karen Johnson Solo Scholarship to provide a young woman (age 16-20 anytime within the 2024 calendar year) with financial support for flight training through her first solo and beyond.

In addition, the winner will receive:

- a Lightspeed Aviation Delta Zulu aviation headset
- a King Schools private pilot training course
- a set of Barry Schiff aviation books (autographed)

The Ninety-Nines will award the scholarship at the 99s Annual Aviation Appreciation Dinner at EAA AirVenture in Oshkosh, WI on July 23, 2024.



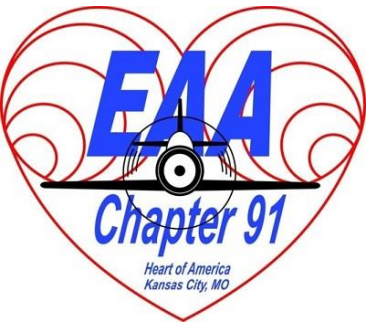
For applications, FAQs, additional information and complete scholarship rules: [www.kjsoloscholarship.com](http://www.kjsoloscholarship.com)



2750 NE Douglas St.  
Lee's Summit, MO  
64064



THE MONTHLY NEWSLETTER  
EAA CHAPTER 91  
June 9, 2024



**TIM'S PIZZA**  
In The Country Meadow's Center  
17201 E. 40 Highway  
Independence, MO  
**816-478-0777**  
Dine In or Carry Out

**LS LEE'S SUMMIT MISSOURI**  
**Lee's Summit Municipal Airport**  
2751 NE Douglas Street | 816.969.1800 | LSairport.net

**RICK'S**  
**Auto Clinic & Collision Center**  
*Personal Service - Professional Quality*  
8214 Westridge Road • Raytown, MO 64138  
**816.353.3777 | 816.353.2639**  
Mon-Fri 7-5:30

**OTTO** 4 KC METRO LOCATIONS  
CAR WASHES® 2 TOPEKA LOCATIONS  
8609 E 63rd St - Kansas City, MO  
6545 Troost - Kansas City, MO  
920 E 23rd St - Independence, MO  
2163 NW 7 Hwy - Blue Springs, MO  
You OTTO Wash Today!

**CHRISTOPHER HOPE**  
FAA Certified Flight Instructor  
Single \ Multi Engine; Instruments  
Master Flight Instructor - Certified Beech CFI  
[www.ChrisHopefaaFlightInstructor.com](http://www.ChrisHopefaaFlightInstructor.com)  
9717 Harvard Kansas City MO 64134  
816-763-5205 / 816-868-7655  
[thehopesChris@gmail.com](mailto:thehopesChris@gmail.com)

 6717 W 119th St Overland Park, KS 66209 913-345-1380 (p) 913-345-2197 (f) <a href="http://bvgoodyear.com">bvgoodyear.com</a>	 7540 Metcalf Avenue Overland Park, KS 66204 913-232-7878 (p) 913-291-2695 (f) <a href="http://oadesbrothers.com">oadesbrothers.com</a>	 12 NE Sycamore Lee's Summit, MO 64086 816-246-7177 (p) 816-246-7132 (f) <a href="http://douglastype.com">douglastype.com</a>
<b>Andrew Gallaher</b> Manager - Douglas Tire <a href="mailto:andrew.gallaher@oadesbrothers.com">andrew.gallaher@oadesbrothers.com</a>		
Family owned and operated for over 25 years 		

**LAMINAR CONSULTING**.COM  
CUSTOM COMPOSITES  
AIRCRAFT & AERODYNAMICS REPAIRS  
COMPOSITE TOOLING BUILDERS ASSIST  
RAPID PROTOTYPES CAD TO CNC  
**TOM MCNERNEY**  
(816) 309-6038  
[TOM@LAMINARCONSULTING.COM](mailto:TOM@LAMINARCONSULTING.COM)

Be sure to visit our sponsors