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**Special points of interest:**

- Our next gathering will be Saturday, February 16 at 6:00 p.m.  
IMC/VMC Clubs meet the 2<sup>nd</sup> Monday of each month 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.

President: **Mike Dooley**  
President Emeritus: **Larry Young**  
Vice President and Young Eagles Coordinator: **Chris St. Germain**  
Secretary: **Dave Thoeni**  
Treasurer: **Phil Ishmael**  
Board: **Mark Burrow (and tech advisor), Jim Brady, Paul Rodriguez**  
Tech counselor & resident DAR: **Dave Jobe**  
Program Chairman: **Larry Young**  
Maintenance: **Mike Nault**  
Newsletter: **Bruce Hood**  
Web Editor: **James Perkins**  
Hospitality: **Larry Rhoads**



## INTEREST IS GROWING

Word is getting around about EAA's flight scholarship program. Backed by the Jim Ray Foundation, \$1 million has been earmarked for flight training. Candidates between 16 and 19 years of age can apply, and if accepted, will receive sufficient funds to earn a pilot's license. Chapter 91 President Mike Dooley answers questions with the mother of a potential candidate. This effort could really help to stimulate interest in aviation with our younger generation. Wouldn't that be great?

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

# President's Corner

EAA Chapter 91 president, Mike Dooley

Like most of you, I'm sooo ready for winter to be over. Despite all of our recent ice and snow, spring is just around the corner (really!), so here's to a short wait for warm weather!

Our social night out at Tim's Pizza on January 24 was a great time! Excellent pizza and conversation, so we're planning to make it a regular January event.

EAA's Ford Trimotor is getting a new set of wings this year. Chapter 91 has committed to be a "Platinum" donor by raising \$10,000 over the next three years to help with the expense. This will be accomplished through a variety of fund-raising efforts, including individual contributions so expect to hear more about this special effort at our annual banquet and in the weeks to come.

As I mentioned last month, I urge all our active pilots to pay it forward in 2019 by serving as:

- A Young Eagle pilot to fly youth (ages 8-17) or as
- An Eagle Mentor pilot to introduce adults (age 18+) or by
- Just taking a fellow chapter member to breakfast as part of our fly-out bunch.

Chapter 91 has also applied to be part of the Ray Aviation Scholarship program and should know soon if we've been selected as a scholarship chapter. This new scholarship provides up to \$10,000 for youth/young adults ages 16-19 to earn pilot certificates. Jim Brady has volunteered to serve as our chapter scholarship coordinator and Griff Pickett has volunteered to assist.

We've got some great programs in the next two months, including:

- The VMC Club meeting on February 11 at 7pm. Chris Hope will lead a discussion focused on cross-country flight planning.
- Our annual banquet on Saturday, February 16, with social time beginning at 6 pm. Our program will highlight our own Sarah Ratley and the Mercury 13 project.

We will also host a new paper airplane contest in March. Patrick Hubbard is leading this effort-look for more information in this edition of our newsletter.

Our March 18 program will feature Tom Mc Nerney, Reno racer, as well as Lancair and composite guru, who will discuss 3D laser modeling and parts fabrication. I'm looking forward to this glimpse into the high-tech side of aerospace engineering and fabrication.

*Note: All events are at the Larry Young Eagle Hangar.*

On the admin side, we're moving forward on several initiatives, including new name badges for members and the ability to accept credit card payments at events such as pancake breakfasts, etc.

See you at the Eagle Hangar!



# **EAA Chapter 91**

## **Minutes January 21, 2019**

The meeting was called to order by Mike Dooley at 7:00 pm. The Pledge of allegiance was led by John Faulkenberry. A motion to approve the minutes from December was made by Wayne Moore and seconded by Paul Rodriguez. The treasurer's report by Phil Ishmael included the budget for 2019. Phil reported the chapter is on track for the budget and is fiscally sound.

Flight simulators have been purchased with Young Eagle funds and are expected to be operational soon. Plans are being made for the Ford Trimotor wing replacement fund raising by the chapters.

Jeff Kintzle has moved his RV-9A into the Eagle Hangar in place of Larry Young's airplane. Currently three members are on the hangar waiting list.

A copy of the annual calendar of events is now available. The chapter has applied to be on the B-17 tour schedule, possibly in October.

Mark Burrow, technical counselor, provided a very informative and captivating presentation.

The meeting adjourned at 8:47.



Our next meeting of the VMC Club will be Monday, February 11th at 7:00 p.m.

It might be cold outside, but it's warm enough inside to think about cross-country flying. So, as you think about that, think about how you go about planning your flights. Do you have a system for ensuring that all of your necessary info has been checked, or is it more of a "oops, don't want to forget that" sort of planning?

Come join us and share. You get learn from your peers, and get to share your own knowledge.

We meet at the Chapter 91 EAA hangar at the Lee's Summit Airport. Driving directions - take I-470 to Exit 9, Douglas Drive / Lee's Summit Drive, and turn north. At the bottom of the hill, turn right and follow the road to the end. The Larry Young Eagle hangar is on the west side of the parking lot next to the Cessna on a Post.

There is no cost to sit in on our monthly meetings. And there is no cost to check out the VMC website [www.eaa.org/vmcclub](http://www.eaa.org/vmcclub). VMC membership is free to EAA members. Not an EAA member? Ask me about a free six-month EAA membership.

Bring a flying friend.

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

More info about VMC Clubs at: [www.eaa.org/vmcclub](http://www.eaa.org/vmcclub)

(This invitation is extended to all pilots who are serious about flying.)

# JANUARY'S PROGRAM – MARK BURROW



Chapter 91 has two technical counselors, one of whom is a DAR. That's pretty heady stuff. A DAR (Designated Airworthiness Representative) is a for-hire gig, and a technical counselor doesn't have the DAR's authority, but for anyone building or considering building an airplane, a tech counselor can help guide your project to a successful signoff by a DAR. A tech counselor is a non-paid position so consulting one should be a no-brainer.

Mark Burrow, longtime chapter- and board member, presented our January program. As a technical counselor, he explained what's involved in the fulfillment of that position. Now, Mark's not a guy who tries to impress people. In fact, he's kinda laid back and easy going. But no one in that audience was *not* impressed with his knowledge of aviation and its myriad intricacies.

Mark reviewed the rapidly improving GA and homebuilt safety record, citing 10% fewer fatalities and 35% fewer accidents in 2018. He also acknowledged the chapter's impressive safety record. He touched on Chuck Gosselin's 2016 accident, and praised Chuck for his willingness to share his story. He also mentioned the 2016 accident of a member-owned Cri Cri, revealing both accidents shared a verdict regarding using non-standard engines.

While you might have expected a lot of technical talk, there was very little beyond some FAA-related documents and publications, and where to find them. Instead, Mark spoke about common sense topics involved in building, flying, and maintaining airplanes, something all of us could relate to. He included quite a lot on the tempting lure of using non-standard, alternative engines, and helped us reach the conclusion that the assumed cost considerations tended to dissipate or vanish under deeper scrutiny. There was a great deal of logic and thoughtfulness in his words, and several walked away rethinking their plans.

It's always great to spend an evening with someone who really understands his subject, especially when that subject lies close to the hearts of so many of the audience. Mark Burrow proved he knows his stuff, and I personally hope more of our budding builders will seek out his wisdom and guidance. Great job, Mark!

# FEBRUARY'S PROGRAM

In the early 1960s, the United States undertook an adventurous plan to conquer space. Americans were mesmerized hearing stories of our brave, young men who were participating in this exciting new space program. We followed them through training, and even into the initial nudges into space, ultimately, being glued to our radios and TVs for the unbelievable first lunar landing. All that, we know.

But what we didn't know was that secretly, a group of women had also been selected to mirror the same things. There was even ground-breaking science that showed women were superior to men in certain rigors of space travel and exploration. But in spite of the logic and thoughtful planning, those women were denied their date with immortality.

The previously untold story of what and how this program began and ended, and the ladies who were deeply involved, has now been revealed in an expository 2018 TV documentary called *Mercury 13*. This enthralling story will be told as the program for our annual banquet and next chapter gathering, Saturday, February 16. And one of the brave trailblazing women who lived that story is our own Sarah Ratley, who will answer questions from audience members.

This is one of the most anticipated programs ever, and a most exciting panelist. So if you attend the banquet, be prepared to learn more about this historical program from a real, live participant. We can't wait!

## **ALUMINUM OVERCAST VISIT SCUTTLED**

The board of directors had discussed hosting EAA's B-17, *Aluminum Overcast*, this year. The popular attraction consistently draws numerous passengers willing to pay some impressive bucks to hop aboard and fly over the Kansas City area in a real WW-II bomber. We have sponsored the B-17 in the past with remarkable results, and had asked headquarters to schedule us for an October slot. But the assignment was instead for June, and the chapter has too many commitments during that month. The airport's annual open house and our regular Young Eagles' rallies would have demanded more commitment from our members than the board thought was fair. So we have withdrawn our request. But that may not mean we won't get the B-17 anyway, because Oshkosh has been known to shuffle schedules on occasion, and that's not out of the question. But for the time being, it's not on our calendar. Both the B-17 and the Tri-Motor provide significant fund raising opportunities, so we will take another look at what 2020 might permit.

# THE LATEST UPDATES ON FLIGHT SCHOLARSHIPS

EAA's ambitious new program to provide financial assistance to budding aviators is now known to most members. You also know that Chapter 91 applied to become a "Scholarship Chapter," which means we can route that money to the candidate, or candidates, we select. Okay, there's nothing unusual about any of that up to this point. But where are we in the process and what's happening?

We had expected to provide exciting information about our selection, both as a Scholarship Chapter and the name of a student(s) we had chosen to participate. But things are not moving as quickly as we had hoped. In fairness, this is a new idea so delays are not totally unanticipated. In the most recent issue of *Sport Aviation*, you saw an article about some young people who had been awarded scholarship money. This described a different part of the plan and was not connected with the chapter-level program. Confusing? Yeah, but it is what it is.

So, again: Where are we and what's happening? Chapter 91 has a scholarship coordinator in place: the very able and highly competent Jim Brady, Ph.D. and his capable backup in Griff Pickett. So *our* team is ready. Jim and Griff are working with Mike and other board members to finalize a qualification platform which we will use to select our lucky candidate(s). So Chapter 91's part of the deal is ready. We're just waiting on EAA headquarters to determine which chapters will be allowed to offer this scholarship.

So, while that's not exactly what you were hoping to hear, it's the closest we can get to explaining where we are and what's going on with the subject. The consensus is that we should know more very soon; hopefully by our next gathering, which is Saturday, February 16, at the annual banquet. If Mike has the information from Oshkosh, he will present it at the time. If he does not, he will tell you what he knows.

We are understandably excited about this scholarship program. We also feel that Chapter 91 has an excellent chance of being selected. Our history speaks volumes about the capabilities of our members, and our commitment to EAA's standards and philosophies. But we will be under the gun to perform if we are selected. For example, the successful student must complete the flight training and earn a license within one year, so you can see there's no pressure, right? But we're up to it and look forward to watching things come together. We also look forward to telling you all about it just as soon as we can. So stay tuned.



# EAA CHAPTER 91

## ANNUAL BANQUET



FEBRUARY 16, 2019 AT



THE LARRY YOUNG EAGLE HANGAR

JOIN US FOR SOME FOOD & FUN

SOCIAL HOUR 6:00 pm DINNER SERVED AT 6:30PM

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DINNER WILL BE FOLLOWED BY AN INTERVIEW WITH

SARAH RATLEY, ESTEEMED MEMBER OF THE MERCURY 13 TEAM

\$20 per person Deadline for reservations is Feb 08th

SIGN UP AT JANUARY MEETING OR MAIL RESERVATION WITH PAYMENT TO

DAVE THOENI

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# IS THERE STILL FEDERAL MONEY FOR ADS-B?

**NOTE:** On October 12, 2018 the FAA reinstated its ADS-B rebate program. But the rebates expire October 11, 2019. The article below is courtesy of [AvWeb.com](#). Read on . . . .

## New ADS-B Rebate Announced

RUSS NILES



[As we reported earlier](#), the FAA is reinstating its [\\$500 rebate for equipage with ADS-B Out](#) as an incentive for aircraft operators to get the new gear installed before the Jan. 1, 2020, deadline. The agency has set aside \$4.9 million for the program, which will ease the financial impact on 9,800 aircraft owners and operators. The new program was unofficially announced by AOPA President Mark Baker at an event in Illinois last week but the FAA made it official on Friday.

The program will work the same way as the previous one. Operators buy the gear and arrange for installation. Then they get a "rebate reservation code" online and do the installation. After a test flight confirms the system is working, the owner can apply for the rebate online. The previous program, which expired Sept. 18, 2017, attracted about 10,000 takers. With the deadline a year closer, it's likely the latest rebate incentive will be fully subscribed before it expires. The rebates are only available for new installations and those who equipped during the past year can't claim the \$500.

The FAA has repeatedly said it will not extend the 2020 deadline and any aircraft that doesn't have ADS-B out won't be allowed to fly in most controlled airspace after Jan. 1, 2020. "The ADS-B mandate is not going away," said FAA Acting Administrator Dan Elwell. "We are about 15 months from the Jan. 1, 2020, deadline and now is the time for aircraft owners to equip."

# OPERATION TIN GOOSE: REWINGING THE TRI-MOTOR



One of EAA's famous 1929 Ford Tri-Motors is getting new wing. After 90 years, it's probably about time. An update is probably a good thing. EAA committed to the upgrade last year, and has contracted with a custom fabricator to create the new wing. The rebuild cost is a cool \$1,000,000. Yes, that's million with an M. The question many are asking is where the money will come from. There are several probabilities, including some participation by the local EAA chapters. Chapter 91 has committed to donating at least \$10,000 and if you think about it, that's not a difficult number to achieve. We now have more than 140 members, so if each would donate just \$100, we'd be well over our commitment. Mike Dooley will explain more at our upcoming annual banquet, so get ready to hear some exciting details. There's a pretty neat prize in store for a few chapter members. Photo courtesy EAA

## FLY PAPER

At the last Chapter 91 board meeting, Patrick Hubbard, chapter member, airplane builder, business owner, and creative thinking innovator, asked for a few minutes to explore an idea. After a recent visit with his grandchildren which involved making paper airplanes, Patrick explained that to improve flying abilities, they would need to experiment. Inadvertently, he tripped over two words – experimental and aircraft – that define our interests.

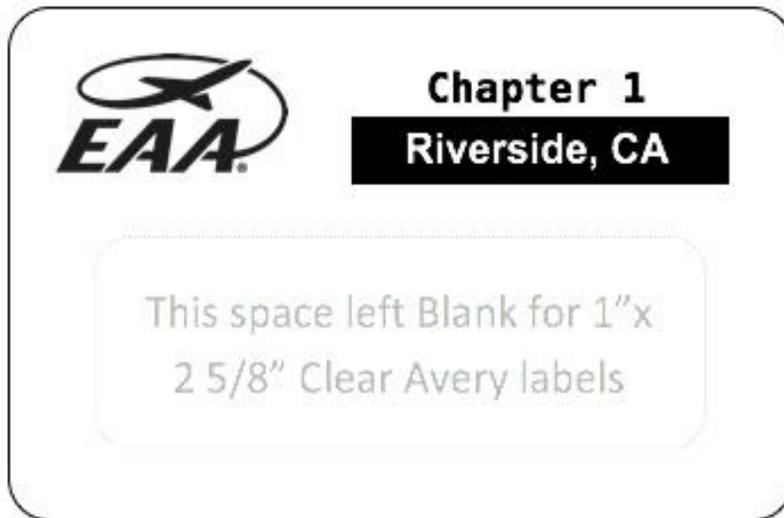
Patrick presented the board with several paper prototypes that included the standard “dart-like” design, a couple of wing-only shapes, and even one with two circles extending above the straight body; all of which actually flew surprisingly well.

Patrick suggested chapter families might enjoy holding paper airplane contests, and the board agreed. So watch for more details from Mr. Hubbard, as he expands his plans. Fun, fun!

## PIZZA PARTY

Advertising actually works. Longtime advertiser in this newsletter, Tim's Pizza, hosted an onslaught of some forty-one Chapter 91 members and their families on January 24. As the maker of some of the area's best pizzas, Tim's Pizza proved its mettle and won over some new customers. This was an event that Chapter 91 will undoubtedly repeat, because our members are going to insist on it. Great grub, good service – what a deal! Thanks, Tim's Pizza! We'll See you again soon.

## NEW NAME TAGS AVAILABLE



Pictured here is an image of a new EAA and Chapter 91 name tag. The chapter has purchased an initial supply for our members. The name tags will be made available to new members and existing ones alike. Mike Dooley has long expressed a desire for all members to have and wear name tags,

and this is a move to help kick off that campaign. More to follow at our next meeting.

## CREDIT CARDS AND CHAPTER 91

There has been a building demand for the chapter to accept credit cards for various events, but costs have been a concern. Not only does the card processor take a chunk of the sale, there are additional charges with each transaction, and a fixed monthly cost, too. But more of our Young Eagles' families are asking for that option at our breakfasts, so the board has agreed to establish such an account to facilitate these efforts. Fewer people carry cash today, so it makes sense to accommodate the demand. Initially, the acceptance of credit cards will be limited, but as we become more integrated with the credit card system, more options will be made available to members. We'll keep you posted.

## EAGLE FLIGHT COORDINATOR NAMED

With the increase of Eagle Flights lately, Mitch Stafford has stepped up to accept the coordinator's position. Chris St. Germain juggles the myriad components of our Young Eagles program, which by default, included Eagle Flights. But in recognition of the myriad demands on Chris' time and efforts, Mitch agreed to help by taking the Eagle Flight load from Chris' shoulders. Chapter 91's members are outstanding in their willingness to volunteer, so we thank Mitch for taking on this task. We know the program is in very good hands. Thanks, Mitch!

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**THE MONTHLY NEWSLETTER**  
**EAA CHAPTER 91**  
**February 10, 2019**



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