

## DO YOU NEED THIS?

Do you know what this is? If you guessed it's a DynaVibe Classic prop balancer, you'd be correct. It's just one of the specialized tools available to chapter members for use on their aircraft or building projects. That's a real value since purchasing many of these tools personally would prove extremely costly, especially considering some of them would be used just once. So membership in Chapter 91 carries a lot of benefits – and not just for the tools. Learn more inside this issue.

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

- Our next gathering will be online, and in person, Monday, February 15 at 7:00 p.m. IMC/VMC Clubs meet online the 2<sup>nd</sup> Monday of each month at 7:00 p.m.
- Our next Young Eagles rally and pancake breakfast will be announced.
- 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: **Rob Schmitt**  
Treasurer: **Rob Ravencamp**  
Board: **Mark Burrow, Jim Brady, Paul Rodriguez, Larry Rhoads**  
Tech Staff: **Dave Jobe, Mark Burrow, & John Rice.**  
Program Chairman: **Larry Young**  
Maintenance: **Tom Licata**  
Newsletter: **Bruce Hood**  
Web Editor: **James Perkins**  
Eagle Flight Coordinator: **Mitch Stafford**

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

# President's Corner

EAA Chapter 91 president, Mike Dooley

It's February, and that means AirVenture 2021 is just around the corner!

- We've already had our first planning sessions for the year, and it promises to be a great event. Some of the chapter activity reservation systems are already active, and our reservation for the Chapter Pavilion in Camp Scholler is confirmed for lunch on Tuesday, July 27. EAA provides the propane and we've had some great cookouts there in the past, so save the date!
- To help you get ready for AirVenture our presentation this month will be "Oshkosh - Behind the Scenes." This will be a view of AirVenture that most attendees don't see and will provide early details for AirVenture 2021.
- Chapter Camping reservations will also open up before you know it. Each chapter may reserve up to six spaces in Camp Scholler so get ready to sign up if you want to camp with the Chapter 91 group!
- EAA is planning some Work Party Weekends to help get the grounds ready for AirVenture 2021. There will be three weekend sessions in June and one in July, so if you'd like to take an early volunteer opportunity please go to [eaa.org/weekendworkparties](http://eaa.org/weekendworkparties) for details.

We're in the middle of chapter membership renewals, so if you haven't renewed your membership, please do so. See elsewhere in this newsletter for details on how to "Re-up" as a chapter member or to sign up as a new member.

Items remaining in the Phil Hedrick memorabilia collection continue to sell online or through local shops. Please contact me if you're available to assist. We need help with online sales (eBay<sup>TM</sup> Facebook Marketplace<sup>TM</sup>, Craigslist<sup>TM</sup>, etc.), wrapping / packing items sold online and shipping / driving wrapped items to post office / UPS.

Chapter 91 calendar events coming up include:

- The IMC Club Meeting on Monday February 8 (7 pm; online using GoToMeeting). Chris Hope will lead a discussion about briefing the departure and approach. See this edition of the newsletter for login instructions.
- Our next chapter gathering will be a hybrid event (both online and in-person) on Monday evening, February 15. See the details in this newsletter to get connected!
  - Social time beginning at 6:30 pm; we will start the gathering at 7pm.
  - I will discuss "Oshkosh -- Behind the Scenes" as part of our preparation for AirVenture 2021
  - After the presentation and Q & A, we will have online / in person social time available until our scheduled GoToMeeting time expires (at 9 pm).
- Our next board meeting will be Monday, March 1 at 7 pm.
- I'm still hosting one-on-one aircraft construction skill classes (wiring, riveting, and composites), so contact me at 816 956-1887 if you're interested in learning a new skill.

Hope you're able to aviate every time the weather cooperates! See you online or at the Eagle Hangar!



# EAA CHAPTER 91

January 18, 2021

Gathering

Meeting Minutes

NOTE: held as “hybrid” face-to-face and online/GoToMeeting gathering

- I. Pre-meeting/call meeting to order by President Mike Dooley:
  - a. 6:30-7 pm: Log-in / greet
  - b. GoToMeeting procedures/etiquette: muting microphones during presentation, etc.
  - c. Reminder to local participants regarding chair spacing and masks
- II. Agenda:
  - a. Greetings to members and guests.
  - b. Pledge of Allegiance – led by Bud Owen.
  - c. Secretary: Approval of minutes of December gathering as published in the January Newsletter. Motion made by Larry Rhoads. Motion passed. Secretary is also working on uploading calendar updates to EAA HQ web site, and Insurance certificates for meetings.
  - d. Treasurer: Rob Ravencamp was introduced as the new treasurer replacing Phil Ishmael.
  - e. Announcements
    - i. Old Business:
      - 1. COVID status: Max gathering size still limited to ten
      - 2. Online sales continue of items remaining in Phil Hedrick’s collection of aviation memorabilia; please let me know if you can assist! Mitch Putnam has made several sales of prints in the past few days.
      - 3. Aircraft construction skill workshops continue on a one-on-one basis; contact Mike Dooley if you’re interested in learning sheet metal basics, wiring, or composites.
    - ii. EAA Events:
      - 1. Next board meeting: Monday, February 1, 7 pm. Hybrid (face-to-face and GoToMeeting)
      - 2. IMC Club meeting: Monday, February 8, 7 pm. GoToMeeting
      - 3. Chapter gathering, Monday February 15, 7 pm; Hybrid (face to face and GoToMeeting).
  - f. New Business:
    - i. Tom Licata has volunteered to be our Facilities Manager for 2021. Thanks Tom!
    - ii. Wants and Needs:
      - 1. Please donate to our Trimotor Wing fundraiser!
      - 2. Les Moore: Mooney M10 Cadet for sale: see newsletter
      - 3. Phil Schmidt is requesting help with reaming fittings on his RV. Phil was recommended to contact John Rice.
- III. Presentation: Presenter: Fred Stadler (EAA 252, Oshkosh on “Bob Shank, Pioneer Aviator.”
- IV. Meeting Adjourned at 8:03 pm. Approximately 36+ members were present via online GoToMeeting and 7 per present in the chapter room.



Our next meeting of the IMC Club will be **Monday, February 8th at 7:00 p.m. Central Time** and once again the meeting will be on-line

Recently, an IMC Club member asked me if I would talk about briefing an instrument arrival, and I agreed to do so. But I realized there was more. First of all, VFR pilots should also be briefing their arrival. And remembering that my flying club has as a checklist item, briefing the departure for all takeoffs, I realized that this is an important item to brief as well. And then I remembered that the FAA Part 91 has something to say about briefings.

So I think there is something here for all pilots, instrument rated or not.

**You can join us from your computer, tablet or smartphone.**

<https://global.gotomeeting.com/join/397239445>

**or by phone - (646) 749-3112**

**Access Code: 397-239-445**

\*\*\*\*\*

There is no cost to sit in on our monthly meetings. And there is no cost to check out the IMC website [www.eaa.org/vmcclub](http://www.eaa.org/vmcclub). IMC 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, IMC Club Facilitator  
2018 FAA Flight Instructor of the Year, Central Region

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

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



# LAST MONTH'S PROGRAM

## Now he was a pilot...

- After less than 3 hours in the air, Shank
  - Began selling passenger rides
  - Became an exhibition pilot



## First Civilian Airmail Pilots



In 3 years, only one of these four pilots would be alive ....



Do you remember when, at bedtime, your kids would say, “Tell me a story”? I well recall making that request many times myself. (Yes, my *long-term* memory is still okay.) Well, hearing a story was exactly what we got at January’s chapter gathering, and it was a great one. Fred Stadler from Chapter 252, filled the roll perfectly. Since Fred flies a 1929 Travel Air at EAA’s Pioneer Airport in Oshkosh, he investigated its history. One former owner, Bill Shank, provided Fred more information which involved his father, Bob Shank, who also owned NC648H. And that’s where it got interesting.

Bob Shank was born in 1891 in Hurricane, West Virginia, and proved to be a mechanical whiz. He fixed a motorcycle and started making special deliveries for the post office. Ultimately he became a Reo automobile dealer before striking out with a friend to see the rest of the United States. He had seen an airplane a few years earlier, but was more interested in motorcycles. However, at a state or county fair in either Montana or North Dakota, he helped Matty Laird get his plane’s engine started and discovered that Laird was earning \$2,000 per week flying at these fairs. For that kind of money, Bob decided he had found his new career.

He needed an airplane and contracted with Max Stupar to build one. The first flights went well except the plane nosed over on landing. After replacing the prop twice, he arranged for two more wheels to be added forward of the existing two, so now landings in the Stupar Tractor airplane were tamed. Bob did not know how to fly but did so anyway. After seeing his initial attempts, Eddie Stinson taught him to fly in less than 3 hours of dual instruction. Ultimately, Bob joined the Stinson School of Flying in San Antonio until he and Eddie started their own – the National School of Flying.

When World War I started, the army recruited Bob as an instructor. Ultimately, he was among the first five civilian pilots to fly for the fledgling U.S. Air Mail Service. In just three years, he was the only pilot of the original group to survive.

Bob Shank went on to more flying achievements and even owned some airports. His story was incredibly interesting and even inspiring. If you did not attend this gathering, you missed a wonderful story.

## THIS MONTH'S PROGRAM

Have you ever wondered what goes on behind the scenes at AirVenture in Oshkosh? It's a major event, and while it may appear to come together magically, that's not the case. Of course, many Chapter 91 members have volunteered in the past, and a large number still do. So they know all about the hard work, planning, and on-the-time changes that need to be made constantly. While last year was a bust for AirVenture and many other events, plans are solid for 2021 to take place. What will be different? What will stay the same? Well, Chapter 91 president and long-time AirVenture volunteer Mike Dooley will fill in all those blanks at our next chapter gathering on Monday, February 15. The event will start promptly at 7 p.m. and will be what's become our rather "traditional" hybrid meeting, meaning you may attend either in person or online via GoToMeeting. Either way, this promises to be educational and informative. We hope you plan to join us.

### A THANK YOU NOTE FROM CHRIS ST. GERMAIN

Recently, Chapter 91 members received an email informing them of the passing of chapter vice president and Young Eagles Coordinator Chris St. Germain's father. Albert St. Germain was not a chapter member but he was well known in the aviation industry. He also attended several of our Young Eagles rallies, so he was well known to the membership. Many chapter members took the time to send Chris a condolence card or a thoughtful email expressing their sympathies. In response, Chris asked if he could reply back using the medium of this newsletter. Below is his heartfelt message:

**To my chapter friends, I'm humbled by the many cards and emails of sympathy on my father's recent passing. Dad wasn't an active GA pilot after his professional flying, but thoroughly enjoyed the chapter breakfasts and watching the kids' flights, and supported our mission. He was also a chapter speaker a couple of times. Naturally, he inspired me to be a pilot. I want to extend a sincere appreciation.**

Thank you, Chris. And again, our sympathies on the passing of your father.

# FEBRUARY'S GATHERING INVITATION

Our next chapter gathering will be on Monday, February 15 (that's just one day after Valentine's Day, folks) and, as in the recent past, will be a hybrid session. That means you may attend in person, if you're one of the first ten to arrive at the Larry Young Eagle Hangar with a mask and are willing to socially distance yourself from the other inmates. Err, attendees, I mean. Or rejecting that, you may join in the fun by going online via GoToMeeting or even dial in on your regular landline telephone. The choice is yours.

We're pleased that our overall attendance has been pretty darn good in spite of the Covid germ's best efforts to reverse that. The versatility is proving helpful, even though most of us would greatly prefer to attend our meetings in person. But such is the way things are at this point in time.

To attend virtually, you'll need the GoToMeeting app downloaded to your PC, table, or smart phone. It's very easy to grab and install. You may get it by going to starts: <https://global.gotomeeting.com/install/938991861> Once it's loaded on your device, there's nothing else for you to do until time to join the group. Then, click here <https://global.gotomeeting.com/join/938991861> between 6:30 and 7 p.m. and you'll be transported into the meeting room through the magic of 0s and 1s. If you have – or your device has – a web camera, you'll be able to see what's going on. You can hear it, too.

Should you prefer to dial in using the normal telephone features of your plain old telephone, you may do that as well. You won't be able to see anything, of course, but the hearing part works just dandy. Just dial 1 872 240-3412 and enter the access code, 938-991-861, when asked. That's it.

As has become customary, Mike will be in the clubhouse at 6:30, so if you'd like to connect a bit early and visit with others who have checked in early, please do so. That will give you a little social time. Typically, Mike will host that same social time after the gathering has ended if there's time left on our GoToMeeting time slot.

If this is all new, don't be overly concerned. It's really very simple. We hope you'll be able to join us because there's always something for everyone. See you then!

# USING OUR TOOL CRIB

*Chapter membership has its benefits. For example, when you're building your dream and you need one of those specialized, very expensive tools you'll use only once or twice, you can borrow it from Chapter 91's tool crib. Below and on the next page, you'll find some information on exactly how that works. Enjoy!*

## **Introduction**

EAA Chapter 91 has invested in a selection of precision tools for the exclusive benefit of its members to build and maintain their aircraft. This document will explain how to get the most of that benefit while protecting the chapter's interest in these valuable assets.

## **Basic Policy**

- EAA Chapter 91 tools are intended for the exclusive use of EAA Chapter 91 members on personally owned aircraft.
- The EAA Chapter 91 tool crib cabinet is locked except during tool issue or turn-in. Keys will be held by Technical Counselors and the chapter president.
- EAA Chapter 91 tools are not to be used in any commercial context. Specifically, they will not be loaned, shared, or rented to non-members, or used by members to provide a commercial service.
- EAA Chapter 91 tools are always the personal responsibility of the borrowing Chapter 91 member, including transit from the Eagle Hangar to the aircraft location and back. Except for normal wear and tear or product malfunction, replacement or repair following loss or damage shall be the responsibility of the borrowing member.
- Technical Counselors will answer members' questions or provide assistance in the use of any Chapter 91- owned tools.

## **High Dollar Value Tool Policy**

- Members requiring the loan of "High Dollar Value" tools listed in this paragraph will request training from a Technical Counselor.
- A trained "chaperone" will accompany the tool and supervise its proper use and care to ensure the member learns the proper use and care of the tool.
- High Dollar Value Tools Currently on hand:
  - Propeller Balancing Set: Dynavibe Classic.
  - Borescope with wireless adapter: Vividea Ablescope VA-400



# MORE ABOUT OUR TOOL CRIB

## **Tools included in the EAA Chapter 91 Tool Crib include:**

Borescope: Vividea Ablescope VA400 with wireless link and case

Cable (electrical) tester: Eastern Tech Corp (ETC) Model E5

Electric sheet metal shear: Kett K-442

Engine Timing Indicator: Eastern Tech Corp (ETC) Model E25

Magneto synchronizer: buzz box style

Nicropress Crimper

Pneumatic rivet gun set with bucking bars

Pneumatic rivet puller

Prop balancing tool: Dynavibe Classic with accessories and case

Punch: 1" Square punch

Punch: 5/8" Square punch

Punch: 5/8" Round punch

Punch: 1/2" Round punch

Reamer: Tapered

Spark plug tray: Champion

Spark plug gap tool: Champion

Spark plug Lead wrenches

Torque wrench; click stop style (Ft lbs)

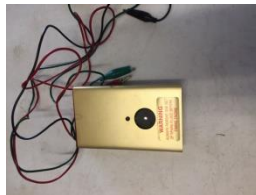
Torque wrench, pointer style (Ft lbs)

Torque wrench; click stop style (in lbs)

Wrenches: Lycoming cyl. Base wrenches (two styles)

***Please note that other member-owned tools are available in the chapter including engine hoists, differential compression testers, oil can cutters, and more. Ask a Technical Counselor about any specific needs. Below are just a few of our tools.***

Pictures courtesy of Mike Dooley



# OUR WELCOME WAGON REVISITED



Photos courtesy of Mike Dooley

Clear back in 2017, long before Covid-19 was even a twinkle in anyone's eye, Chapter 91 built and donated Welcome Wagon Number 4 to EAA at Oshkosh to help transport visitors at AirVenture. Here's proof that it's still there and ready for action. It now has been outfitted with its brand new Homebuilder stickers. And after last year's rest period, it's ready for action at the upcoming event in 2021. It's nice to see our contribution being put to good use.

## WORKSHOPS STILL BEING OFFERED

Chapter 91 president Mike Dooley has been holding various workshops for members even with the Covid bug remaining in the area. He has observed strict protocols to ensure everyone's safety, including masks, distancing, and onsite sanitation. Severely limiting attendance for any class session has added greatly to the safety mix. Mike teaches classes in riveting, electrical, sheet metal work, and other skill-related topics to help builders gain knowledge and confident for building their visions. Mike does not charge for these classes, other than for necessary materials when appropriate, so if you would like to gain a skill in one of these areas – or another not mentioned – please contact Mike directly at [jump88@aol.com](mailto:jump88@aol.com) or 816 956-1887 (voice or text). Reports from satisfied students are consistently showing 5 stars. Maybe this is something you should check into. If you do, let us know how everything went.

# TIME TO RENEW CHAPTER MEMBERSHIP

Just a quick reminder that it's time to renew your Chapter 91 membership for 2021. All you need is a current EAA membership, a Chapter 91 application, and a mere \$24 to continue affiliation with one of the area's best ever organizations focused on aviation. While homebuilding is our primary purpose, not everyone is so inclined, so we don't make that an issue. However, if you want to build, this is the best bet in town. The chapter has done what many organizations have not been able to accomplish with the horrible Covid mess – we've stayed in business. Not only that, but we remain solvent! That means a lot, and speaks volumes for the organization. For your convenience, you'll find a copy of the 2021 membership application accompanying this newsletter, so if you have not already done so, please fill it out and send it along with your check to the address noted on the application. We look forward to having you as a member for 2021!

## A FEW CALENDARS STILL AVAILABLE



Chapter 91 has ordered a few 2021 calendars for our members. Most have been sold, but there are still a few remaining if you'd like to have one. This new calendar celebrates flight with beautiful aircraft pictures for each month. This is something you can enjoy for the whole year, and we desperately need a new year! If you'd like to have a calendar, you may pick it up at the Larry Young Eagle Hangar for just \$8. Or, if you prefer, we'll mail it for only \$11. Contact an officer or board member to reserve yours. But hurry because they're almost gone.

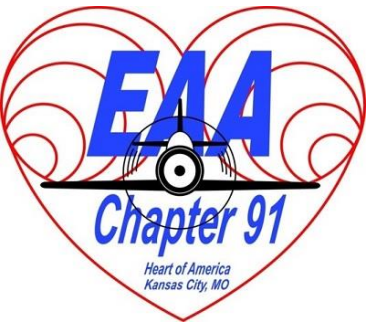
## TRI-MOTOR DONATIONS SOUGHT

Chapter 91 members have been most gracious with their donations to the Tri-Motor wing rebuilding fund. As you may recall, our chapter pledged \$10,000 to help support the cost. The Tri-Motor, which tours the country and takes the public up for a ride to experience what commercial air transportation was like back in the early 1930s. It finally had to have its massive wing rebuilt and the cost was a whopping \$1,000,000. EAA sourced funds from a number of areas, and asked the chapters to help out. If you can help out, please make your check out to EAA Chapter 91 and designate "Tri-Motor Wing fund" on the description line. Then send it to our treasurer, Rob Ravencamp at 5812 NE Coral Drive, Lee's Summit, MO 64064. We're very close to our goal but could use your help too. We appreciate it.



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64064

THE MONTHLY NEWSLETTER  
EAA CHAPTER 91  
February 7, 2021



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