



WANT ONE?

Would you like to have this one-of-akind Shelby Super Snakecharmer Widebody? Now, you still have until tomorrow to win if you enter the KC Air Show sweepstakes, but you'll need to hurry. Learn more and get the details at https://www.tapkat.org/kc-airshowcharities-inc/o58GW9?promo=SFC20 This is one gorgeous car, but it looks eerily similar to some F-16s we have seen at that same airshow. I wonder how they did that! Go check it out, and good luck. We look forward to a ride.

VOLUME 19, ISSUE 11 November 7, 2021

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Special points of interest:

Our next gathering will be online and in person, Monday, November 15 at 7:00 p.m. IMC/VMC Clubs meet the 2nd Monday of each month at 7:00 p.m.
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

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Board: Jim Brady, Paul Rodriguez, Larry

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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

COVID Update: On November 1 a majority of the Jackson County Legislature voted to extend the county's public health order requiring mask-wearing in indoor public places for those 5 and older. The health order remains in effect until 11:59 p.m. on Monday, November 22.

Our big news this month is that your board has approved a kitchen renovation for the Eagle Hangar! The existing kitchen has done its job for over 20 years and it's time for a facelift. If you have skills (or would like to learn some new ones) your help will be greatly appreciated! The project will begin after the Chili Dinner in December and our goal is to complete the project before our banquet in February. I'll have a signup sheet at our November gathering on the 15th. We will be:

- Removing everything from the kitchen and restroom
- Removing old flooring and replacing with new
- Adding new sinks and cabinets
- Upgrading our hot water heater

Despite the pandemic, Chapter 91 has remained strong and was able to successfully continue our programs. We offering some great programming as we near the end of the year to include:

- TIG welding! Chapter 91 will launch its first TIG welding class on November 13 using our new Lincoln TIG 200 welding machine. Class size for this first session will be limited to four participants and we have 16 signed up so we will start at the top of the list to confirm availability and decide who will be taking this first class. Thanks to all who signed up-additional classes will be programmed for 2022
- We're also collecting names of families interested in the Young Eagle Build & Fly (R/C) program. This program, done in partnership with the Kansas City Radio Control (KCRC) club, was very successful in helping a small team build and fly an electric R/C trainer. The program will begin after COVID mask restrictions are lifted so expect more news in the future.

Events coming up:

- VMC Club meeting: November 8, 7 pm. Hybrid. John Ford and I will lead a discussion called "Winter Flying It's Coming" Lots of great tips from the North country!
- Chapter Gathering: Monday, November 15. Guest Speaker is Colin McKee discussing Summit Tech Academy
- Social: Friday, November 19; serving line open at 6 pm. Theme: Italian Night. Pot luck with the chapter providing spaghetti and garlic bread. Please bring a dish to share! RSVPs required so we know how much spaghetti to make! Contact me via email: jump88@aol.com or 816 956-1887.
- Chili Dinner: Monday, December
- Board meeting: December 6, 2021 @ 7pm.

Aviate when you can. See you at the Eagle Hangar!



EAA CHAPTER 91 GATHERING

Meeting Minutes October 18, 2021

- I. The Meeting was called to order by President Mike Dooley at 7:00 pm. The Pledge of Allegiance was led by Ron Hayes. Secretary: Approval of minutes of September Gathering as published in the October Newsletter, motion by Wayne Moore, 2nd by Paul Rodriquez, motion passed.
- II. Old Business: Young Eagles: Chris St. Germain stated that the Chapter flew 63Young Eagles on Saturday (October 16th). We had quite a few scouts and a high percentage of female attendees. It was a very successful event. Eagle Flights: Griff Pickett is setting up an "Eagle" fly out for next Saturday the 23rd with those who have been contacted. Eagle Pilots should pre-register through the Young Eagle web site https://youngeaglesday.org . Chapter Ranking System. Mike Dooley updated the Chapter on the status of the EAA HQ ranking system. Rankings were not issued for 2020 due to the Covid restrictions but will continue again for 2021/2022. Our chapter is currently a "Gold" ranked chapter. The new banner received from EAA HQ is now hung in the Eagle Hangar. Ray Scholarship update: Jim Brady stated that the chapter now has two official scholarships awarded for 2021, Charlie Licata and Patrick Flanigan. Patrick has already soloed and is preparing for his solo cross-country flight. EAA has a new program started in 2021 called "Aero-Educate" for youth education in aviation. Members are encouraged to get familiar with program details. Chapter 91 Activities: Young Eagle Build and Fly (R/C) program - Susan Calvin stated that the 1st R/C trainer has been flying and is doing well. We have additional projects/models that can be built in future months. Program will recommence when Covid restrictions are lifted, most likely in the spring. Aircraft construction skill workshops continue on one-on-one basis. Contact Mike Dooley if you're interested in learning sheet metal basics, riveting, wiring, or composites. Tool Crib: A signup sheet was passed around for the TIG welding class. Intent is to offer the first class in late October. 1st Location will be at Mike Dooley's house.
- III. New Business: Eagle flights: Saturday October 23rd, breakfast run to Miami County (K81) is planned. Griff Pickett coordinating.
- IV. Calendar: Next board meeting: Tuesday, November 2nd, 7 pm. (Schedule change due to Chief's game). **Hybrid.** IMC/VMC Club: Monday, November 8th. 7 pm. Hybrid. Chapter gathering Monday, November 15th, 7 pm. Hybrid. Chapter social: Friday, November 19th: Italian Night. Chapter to provide spaghetti and garlic toast. Wilderness First Aid 101: Saturday November 20, 9 am Reservations required. Signup sheet passed around. Cost \$150 for supplies. TIG Welding 101 class; October date TBD. Save the Date: Chili contest and dinner: December 20, 6 pm.
- V. Wants and Needs: Please donate to our Trimotor Wing fundraiser! Five months to reach our final goal! Jeanné Willerth: has instruments and avionics for sale. Mike Dooley: Backup B&C 20 Amp Alternator system for Lycoming, complete. \$500. Mike Dooley: Personal Locator Beacons (PLBs). Two ACR brand with new batteries. \$150 each. No subscription required for these type PLBs. Gill Manda is looking for someone with knowledge about the Ercoupe 415c (or c/d model) Perhaps one or more members have experience with this vintage light-sport aircraft. Forrest "Gil" Manda cell 816 682-0429.
- VI. Presentation: Tonight's presentation is Bailey Scheels, Topic Garmin's "Autoland System." VII. Meeting adjourned at 8:42 pm.



Our next meeting of the VMC Club will be Monday, November 8th at 7:00 p.m. Once again, you can join us in the EAA Chapter 91 meeting room, or join us on line

November is here, and that means Thanksgiving turkey. But it also means that cold weather is nearing. (For those of you who join us on line, you might have seen snow already!). This month I have asked two experts to lead our discussion, two pilots who know quite a lot about flying and thriving in the cold. John Ford spent many years flying in Canada, and teaching others the tricks that make cold weather flying fun. And Mike Dooley had been teaching cold weather survival techniques since his Army days. Come join us.

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.

NOTE: This in-person event will be presented in accordance with Jackson County Covid protocols in place at the time of the presentation. At the moment, Jackson County urges but does not mandate, facial masks, immunizations, and social distancing. For changes to that policy, look to local news outlets or contact Chris Hope at thehopeschris@gmail.com.

We are limited to 20 in-person participants. TO GUARANTEEE A SEAT, PLEASE REGISTER HERE

Joining us on line? Follow this link https://global.gatameeting.com/jain/764729109

You can also dial in using your phone. \$408\650-3123 Access Code: 764-729-109

There is no cost to sit in an our monthly meetings. And there is no cost to check out the VMC website 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, CFH, VMC Club Facilitator 2018 FAA Flight Instructor of the Year, Central Region

More info about VMC Clubs at: WWW.eaa.org/vmcclub

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

LAST MONTH'S PROGRAM







We've known that much of the airline and larger military airplanes can land themselves in zero-zero weather conditions. But what about doing it when the pilot can no longer function? At first, big planes seem obvious candidates, but their pilot redundancy made them less so. But not our smaller general aviation planes. Putting aside weather conditions, why shouldn't an airplane be able to land itself in the event the pilot became incapacitated? Nobody had that capability until Garmin decided to tackle the issue. Around 2014, a young lady named Bailey Scheel took over the project and lead it to successful completion. It even won the vaunted Collier Trophy in 2020. Bailey's story and Garmin's Autoland story were the topic of October's program enjoyed by a significant number of Chapter 91 members and guests at our October gathering.

So, how did it come about? After a couple of high-profile accidents involving a TBM-900 (2 fatalities) and a Lear 35 (6 fatalities), the question gained enough traction that Garmin got serious. But the project was daunting thanks to the complex number of details needing to be addressed and resolved. Route management, aircraft configuration, airport selection, distance determinations using on-board fuel and other capabilities, the existing winds both at altitude and on the surface, atmospheric considerations, and communicating with the rest of the world were just a few of the head-scratching issues that needed to be addressed. But addressed they were, and the Autoland system was born.

A pilot since age 17, Bailey came from a flying family. She attended Utah State University where she earned a BS in mechanical engineering with an aerospace emphasis. Bailey joined Garmin around 2014 where she earned the reputation that put her in charge of the Autoland project. Her leadership and engineering skills proved right for the job, and the rest, as they say, is history.

While someday every airplane will have Autoland capability, Bailey said that so far, the Piper M600, TBM-940, and Cirrus Vision Jet have been approved. More are being developed all the time. When more are ready to go, we would love for Bailey to come back and bring us up to date. Maybe she will.

THIS MONTH'S PROGRAM

Today's industries need innovators. That includes aviation where innovation has become mandatory for today and the future. So you would think a local innovating organization would stimulate a lot of interest. Well, the metro area has just such an organization – Summit Academy – which has helped high school aged kids jump start technical careers, but not many really understand what it is or how it works. Chapter 91 members and guests will have the opportunity to learn a great deal about Summit Academy's aviation program at this month's gathering because Colin McKee, who is an aerospace instructor at Summit Academy, will fill in the blanks. Colin earned a BS in Aviation Technology and a Master's in Aviation Safety from CMSU, and spent more than 3 years at a local engineering firm as its director of aviation services. But Colin also was the assistant manager at KLXT from 1999 through 2007, so he might be someone you may recognize. All that provides a formula for what promises to be an interesting and informative program for November's chapter gathering, so make plans now to join us. Go online or show up in person – the choice is yours. The gathering will be Monday, November 15 starting at 7 p.m. See you there!

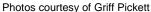
MIKE DOOLEY FEATURED IN EAA VIDEO

We all know that EAA has become a remarkable organization that gives tremendous value to the aviation community. It also knows how to promote itself, providing continuing outreach to those who want to learn of its capabilities. Recently, EAA used 2021 AirVenture as a backdrop for a video that explained homebuilding. That video made it to YouTube, among other places. Now, that's not all that exceptional in and of itself, but the fact that it featured our own Mike Dooley in a segment, guarantees it's something you'll want to see – in the event that you haven't. Mike does an excellent job explain how AirVentuer and EAA offer so much to potential homebuilders. You can click the link below to watch the brief 5 minute video. Mike's portion runs from approximately :40 seconds through 1:30. If you are unable to click on the link, you can copy-and-paste it into your favorite web browser to see. We just hope Mike will remember us little people when he becomes rich and famous in films. Here's the link:

https://www.youtube.com/watch?v=UrZGJVizvfc

MEMBERS ATTENDS "SUBURBAN BALANCE" By Chris St.Germain







On Sunday, October 17, Chapter 91 participated in an event called Suburban Balance, which was presented by a non-profit to help middle- and high-school students from underserved communities find a path to a career. Chapter 91 members in attendance were Matthew Harker, Larry Rhoads, Adam Shimmens, Griff Pickett and Chris St.Germain. Of course, we promoted our Young Eagle program, and distributed other EAA literature on aviation careers.

We shared a table with chapter member Les Moore and regular Young Eagle pilot David Toliver, who were representing the Black Pilots Association. Also present were UCM and the Air National Guard explaining aviation-related careers. We met Kerry Gooch and Jeff Bolden, founders representing Red Tail Academy, a Kansas City-based non-profit started to inspire and mentor underserved kids to succeed in aviation careers. They were also joined by Sam White, retired USAF Colonel, now flying for Delta Airlines. Col. White was a very dynamic speaker at a Chapter 91 gathering about 4 years ago. We'll have Red Tail Academy speak to us at a future gathering.

We appreciate the efforts of all Chapter 91 participants to make this Suburban Balance event a success. We hope to see the fruits of our efforts in the near future.

WELDING CLASSES EXPAND

Response to our recent "Learn to Weld" class announcement has led to the chapter having to increase the number of classes. Since the classes are truly hands-on, only four students at a time can be accommodated, so Mike and Tab are making arrangements to offer multiple classes. Learn more at our next gathering, Monday, November 15.

FRIDAY NIGHT COOKOUT

It seems the popularity of our Friday night potluck cookouts has transcended being a pre-Young Eagles event. So as long as the weather allows (cross your fingers), we'll try to hold them. Our next one will be themed "Italian Night," so plan your potluck contributions accordingly. Bottles of chianti are discouraged, of course, but most anything else will probably work just fine. Plan to attend on Friday, November 19. Learn more at our next chapter gathering, Monday, November 15.

EAGLE FLIGHT PILOTS NEEDED

We continue to receive inquiries for Eagle Flights, so we need to locate a few more willing pilots. As you may recall, Eagle Flights are for those who are too old for a Young Eagle's flight, and tend to cover a bit more flying-related information than the kids get. It is likely these candidates have reached a point where they can actually make plans to learn to fly, so you can see how important these flights are. If you can participate, or want more information, please contact Mike at 816 956-1887 or jump88@aol.com. In fact, maybe it would be a great question to present to Mike at our next gathering. That way, more potential flyers can learn the details right along with you. Your help would be most appreciated.

RAY SCHOLARSHIP UPDATE

By Jim Brady

<u>Editor's Note</u>: Chapter 91 has developed a reputation for success, and the Ray Scholarship folks know it. That's why we were offered – and we accepted – a second scholarship slot for 2021. So it would be nice to have a recap of how these two are doing. Jim Brady, the chapter's coordinator for the program, provided a brief synopsis for us, and it's posted here for you to read. Thanks, Jim.

Both of our 2021 Ray scholars, Charlie Licata and Patrick Flannigan, continue to make progress toward their private pilot licenses. In the month of October, each took about 2 hours of flight training, helped out at the chapter's Young Eagles event, attended the monthly chapter meeting, and spent numerous hours studying for the FAA written exam. Both are close to being ready to take the exam which will be the next big step in their progress to becoming pilots.

KITCHEN UPDATES ANNOUNCED

Our clubhouse is now about twenty years old, and the kitchen is showing its age. The linoleum floor continues to resist our best efforts to make it look clean, and we really need to upgrade some of the other accruements. So when Chapter 91 member John Faulkenberry graciously offered to donate new flooring, the board approved funds to accomplish the rest of the transition to a more modern galley. Now all we need is some strong, capable labor to pull it off. If you're good at home improvements, we would very much appreciate your help with this important project. Mike will explain more at our next chapter gathering, Monday, November 15.

ANNUAL CHILI DINNER/CONTEST SCHEDULED

Chapter 91 is pleased to announce that our annual chili dinner and chili contest has been scheduled for Monday, December 6. This is one our most popular and well-attended events each year, and we don't anticipate that will change. Since we were able to install internal hangar heating a few years ago, this event has been hosted at the clubhouse which will remain the same for 2021. The details for the chili contest will be announced soon so stay tuned. And if you're a chili making guru, here's your chance to prove it and gain the eternal approbation of your fellow members. Stay tuned!

SURVIVAL, FIRST AID, CPR, & AED TRAINING

Chapter 91 will offer first aid and CPR training again this year. CPR and AED certification is through the Lee's Summit High School as before, but we have a backup plan if they are not able to support us. Instructors will include Nancy Inderwiesen, RN; Dr. Keith Cochran, DO; and Mike Dooley. Sessions will be at the Eagle Hangar on Saturdays beginning at 9 am. Planning includes:

- <u>Basic First Aid Skills</u>. "First Aid 101" is tentatively scheduled for November 20. Not a certification class, but good information and training. Theory plus hands-on.
- <u>Building Your First Aid Kit(s)</u> is tentatively scheduled for December 11. Discussion / show-and-tell about how to create your own first aid kit(s) for yourself, car, home, aircraft, etc.
- Advanced First Aid / Trauma First Aid is tentatively scheduled for January 8. Post-crash self and buddy first aid for traumatic injuries. Theory plus hands-on, including how to suture a wound.
- <u>CPR (Adult, Child, and Infant w/AED)</u>. Tentatively scheduled for January (date TBD based on coordination with provider(s).
- **NOTE**: There will be a fee for the textbook (\$40-needed for all classes) and practice suture kit (\$35-needed for the advanced class) we'll be using. This is per household, not per student.
- Interested? Signup at our chapter gathering on November 15 or call / text Mike Dooley at 816 956-1887

MIKE'S MUSINGS

Eagle Hangar Landscaping Planning

Yes, the Eagle Hangar looks a bit naked without the evergreens. Our landscaping plan has been postponed until Spring. Let me or another board member know if you can help with planting.

Hedrick Sale Update

Remaining items from the Phil Hedrick memorabilia collection are on sale at The Olive Branch Antiquities and Oddities shop in Odessa, MO. It's a fun shop to visit and we encourage you to support the shop as it continues to sell items on behalf of the chapter. The Olive Branch is located at 123 S. Second St., Odessa, MO 64076

Under Wants and Needs:

For Sale: Personal Locator Beacons (Two)



- One ACR SARLink PLB (larger beacon)
- One ACR ResQLink PLB (smaller beacon)
- Both like new, with lanyards and new 5-year batteries installed in September 2021.
- Must register with NOAA for activation, but no subscription fee.
- Retail Price: over \$325 each; my Price: \$150 each
- Contact Mike Dooley 816 956-1887

For Sale: Gently used backup alternator system (B&C 20 Amp) for Lycoming accessory-case mounting. Complete with annunciator, wiring, ANL fuse and wiring diagram. \$500 Contact Mike Dooley 816 956-1887

Oh! THAT PLACE!

By John Ford

Am I perfect or without transgression? Of course not. But my years as a squadron flight safety officer taught me that if we deliberately drag risk factors out into the light, we can possibly avoid the next serious incident.

I was minding my own business recently on one of my "dog" flights to Iowa, and someone walked up to me while I was fueling and, as usual, asked if my Cardinal was for sale. I said "no," and he asked where I was from. I said Lee's Summit, KLXT.

Surprisingly, his immediate response was "Oh, THAT place!"

Without even asking, he told me the story about being on final for 18 at KLXT, announcing his position on the radio, when a Bonanza suddenly calls in on left base for 36. Surprised, he again called short final for 18, and the Bonanza called back saying, "No problem, I'll be out of your way before -- garble, garble."

On that note, he did a go-around.

Another day, as I often do, I was sitting at my hangar (which faces the threshold of 18), and heard a 182 taking off from 36, as well as a Piper announcing final approach to 18 from the RNAV. These two planes came to within 500 feet of a head-on collision before the 182 broke right. In the ensuing excited radio exchange, the Piper's final word was, "Sorry, I didn't see you on my TCAS." Similarly, on so many sunny calm-wind weekends, it is pretty routine to see or hear all four runways in use within a 20 to 30 minute (or shorter) period of time, even with the 18 downwind or taxiway Alpha 1 stacked with planes. And so on.

The gentleman who asked me about my Cardinal shocked me into realizing that we have a reputation! What can we do about it? Well, I attended a FAAST meeting back in Albany, NY a few years ago, that talked about traffic patterns at non-towered airports, and why they are so critical to safety. Long story short, if you are where people expect you to be, they are more likely to see you! Simple enough; makes perfect sense!

The KLXT pattern is published as follows: (from the FAA Chart Supplement)

- 1) WHEN WINDS ARE LESS THAN 5 KNOTS USE RY 18
- 2) LEFT hand pattern for 18, RIGHT hand pattern for 36
- 3) Noise-abatement floors of 1500 feet or 2500 feet for either 18, 29, or 36

If we become familiar with, and strive to follow the FAA published traffic patterns for KLXT, then hopefully we can see each other where we expect to, and avoid a serious incident.

There, I said it.

Cessna Steam Gauges For Sale! Get Them While They're Hot!



- All electrics are 28V.
- All were working fine when removed from 1999 Cessna 182 for panel upgrade(s).
- Asking prices shown below.
- May be seen at KLXT by appointment.

Contact:

Jeanné Willerth www.jeannewillerth.com 816-679-6084 c

Instruments from 1999 Cessna 182	Part#	Serial #	Price
Cessna 3" DG w/ heading bug for autopilot	Cessna S3330-2	T53012D overhauled 10-16-02	\$700
Cessna Altimeter	5934P-3	396297 certified 9-12-07	\$250
Attitude indicator	Cessna \$3326-1	T69465N	\$350
Air Speed indicator with 182 markings	Cessna S3325-5	T38028B	\$250
Vertical speed indicator	\$3327-1	284573	\$200
Fuel gauge shows left and right tanks	Cessna \$3317-3	2680 mfg 10-1-03	\$250
Vac/Amp gauge	Cessna \$3280-1	2127	
Entire Vacuum system			
Oil pressure/Temp Gauge	\$3279-1	2051	\$700
Dual EGT and CHT Gauge	Cessna \$3305-2	489	\$500
Tachometer	Cessna \$3329-4	0837	\$300
Manifold Pressure-Fuelflow Indicator	Cessna S3304-1	C99604	\$400
ADF KR 87	Bendix-King 066- 3063-00	46463	\$100

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