

EAA 301 - Rocky Mountain Chapter

July Meeting :
James Taylor will give a presentation on the dangers of not following standardized procedures by using a “do-it-yourself” approach.

Date: Friday, June 17, 2022
Time: 6:30pm informal meet and greet, and 7:00pm Meeting Start

Location: In Person.
 The IN PERSON meeting will be held at our new meeting place at the Colorado Skies Academy Building at Centennial Airport: 13025 Wings Way, Englewood, CO 80112

The Building is located on the South side of Centennial Airport NEXT TO the Wings Over the Rockies Museum facility and runway 10/28.

Inside this issue:

Reminders	1
President’s Message	1
June Mtg Minutes	1-3
Airventure 2022 NOTICE	3
EAB Regs/Editor’s Cckpit	4
Vans RV-15 Prototype	4
Ads/Announcements	4
DARS/YE Rally Schedule	5
YE Rally Pics	6
YE 30 Year Anniv Award	7
Tools/Popular Websites	8
Membership App	9
Chapter Ofcr Contact Info	10

Web: <http://www.eaa301.org>
 Scholarship

Facebook: <https://www.facebook.com/EAA301/>

Contributions: www.gofundme.com/eaa301-scholarships Chapter Email Address: chapter301@gmail.com



Masks are now optional, but still strongly recommended!

The school now allows our chapter members to attend meetings without a mask if you wish, but they are still strongly recommended while infection risks remain high.

EAA AIRVENTURE 2022 COUNTDOWN

EAA Airventure is now only about 10 days away! It promises to be another fun-filled exciting aviation extravaganza. If you are attending please do so safely, and have fun!

President’s Message by Steve Paschke

Happy July Chapter 301
 EAA Airventure beings on Monday, July 25, 2022. If you are unable to attend in person there are many other ways to check out all the goings-on at the event, including the EAA Aireventure website, Youtube and Facebook channels. In years past they had also set up several remote cameras on top of the towers that mark each major section of the grounds, and you could access the camera views online in real time. I do not know if they will be doing that again this year, but there are still plenty of ways to stay connected. The AirshowStuffVideos channel is also very popular. Safe travels to all that are attending.

Steve Paschke

June Meeting Minutes

EAA 301 Meeting Minutes
 June 17, 2022

The meeting was called to order at 7:03 pm by Vice President **James Taylor**. Steve was still out of town.

The May Meeting minutes were unanimously approved as published.

Treasurer **Hugh Cook** stated that some funds were paid for our Ray Scholarship candidates recent flying bills, and the chapter remains solvent and in good financial shape. He also reminded the attendees to promote the chapter to help bring in new members, since our current membership numbers have decreased from approximately 150

June Meeting Minutes, Cont'd.

down to only 97.

Old Business:

Hugh Cook mentioned the discussion at a recent tenant's meeting at KCFO airport, where many of our members and our chapter hangar facilities are based. The airport has received funding and hired a contractor to begin placing new taxiway lights along the entire length of taxiway alpha. They plan to do this in 7 different phases, and the areas of the taxiway being worked on will be closed during that time. This will make getting to and from runway 08/26 and to and from the ramp a challenging task. Remember to check NOTAMs and plan your flights carefully.

Hugh and Blanche also reported that they are also going to begin putting up security gates at all access points to the hangar and tramp areas. So we may no longer have the same "free" access to the facilities as we have enjoyed in years past, and will have to adjust procedures accordingly.

Blanche and Hugh both reported that recent tower closures were due to ATC staffing issues caused by COVID.

James Taylor reminded everyone about the discussion during the previous meeting about a proposed program to gather information from chapter members who would like to help builders and flyers, and to list your areas of expertise or other information about the extent of any assistance that you would be willing to provide.

The desire for chapter flyout was discussed. Randall Eaker reminded everyone that just before COVID hit, the chapter held a vote to determine the location of the first chapter flyout event, and Pueblo Airport was chosen. The members agreed that we should still try to put that together, perhaps for some time later this year. Other possible flyouts for consideration included A monthly fly-in breakfast and Chaparell airport, Silvercliffe, and Butler airport.

New Business:

June Meeting Minutes, Cont'd.

Tool Custodian Randall Eaker stated that members will be required to request tools at least one week in advance to allow sufficient time for preparation and availability, and to setup proper checkout and return schedules.

Guests/Visitors:

Marcus Cooper— owns an RV-4. Moved here from Tennessee and is a UAL training center instructor. Previously built an RV-6, RV-7, and RV-10, and just ordered the RV-14 kit.

Builder's Progress Reports:

Jake Gibson, Wings Over the Rockies RV-12 completed—recently flew it to locate old missile silos in the area.

James Taylor. 1993 RV-6, right side brake pedal fabrication update—pedals formed, no plumbing yet, but working on it.

Flight Reports:

Ralph Forsythe flew up to Miley Creek Idaho, had strong winds and thunderstorms near Hailey. Upon return trip to KCFO experienced severe clear air turbulence (CAT). Plane and pilot both survived to fly another day, but it was a challenging flight.

James Taylor flew to California and Arizona. Visted many museums and destinations. Reported the following:

- Also experienced high winds
- Forced to buy expensive gas due to credit card reader issues at places with cheaper self service fuel
- Had a flat tire on brand new tire with only 17 landings on it—split at the in between the

June Meeting Minutes, Cont'd.

treads—discussing warranty coverage/ replacement with Aircraft Spruce

- Visited southern California Air Museum, very nice air museum at Palm Springs, Chino (not as impressed—planes too close together), Riverside not impressed), and Heritage Park where one of the B-747 Space shuttle transport planes lives
- Big Bear had av-gas that was cheaper than the auto gas prices
- During trip from KPHX to KCFO reached 199 kts ground speed but could not, no matter how hard he tried, join the coveted 200 kts club.
- Last leg from KABQ to KCFO with the tailwind only burned 25.5 gallons and took only 3.4 hours.
- Reports that the dry lake bed area where they filmed atop Gun can be landed on by GA aircraft.

Technical Counselors:

No reports.

Flight Advisor:

No report.

Young Eagles:

Blanche reminded everyone about the Phillips 66 fuel rebate program, reports the following YE-related events at Airventure:

- No YE dinner at Airventure on Wed, moved to Tuesday – sign up now.

-Thurs Night Rootbeer social.

-YE Rallies booked through the end of NEXT year

-EAA YE website is having some issues. Check your pilot/ground team info to ensure it is correct.

Scholarship Committee:

Pat Diamond reported that Ray Allen scholarship awardee Mike Rooney has completed his private pilot certificate, and is

June Meeting Minutes, Cont'd.

moving to a program at KCOS to continue his commercial flight training. Also reports that awardee Austin Harnesh is working on his PPL written exam prep, and plans to finish his training sometime in August.

Safety:

Pat Diamond gave an overview of the new Airventure Notice formerly NOTAM, that goes into effect on Thursday July 21, 2022. EAA has several videos to watch that show the new routes and procedures, and reports are that these are very helpful. Members also mentioned the importance of practicing precise airspeed and altitude control, as well emergency avoidance procedures, BEFORE you travel to Oshkosh for the big show.

Meeting closed at 8:27pm

Respectfully submitted,

Bryan Raley, Secretary pro tem

EAA AIRVENTURE 2022 NOTICE AVAILABLE

The Airventure 2022 NOTICE (formerly called NOTAM) is now available for all pilots planning on flying into EAA Airventure to review and practice. You can access the online version of it at [EAA.org/NOTAM](https://www.eaa.org/NOTAM). If you plan to fly into Airventure this year, please read all of it and note that many procedures have changed or have been updated since last year in their efforts to continue to improve and enhance the safe arrival and departure of all aircraft heading for the show.

Important EAB Regs and Advisory Circulars

This section provides information about the pertinent Federal Aviation Regulations (FARs), Advisory Circulars (ACs), and other key information regarding the building and flying of experimental amateur-built aircraft.

FARs

91.319— Aircraft having experimental certificates: Operating limitations.

21.191— Experimental certificates.

Part 68—BasicMed

ACs

AC 20-27G

Certification and Operation of Amateur-Built Aircraft

AC 90-109

Airmen Transition to Experimental or Unfamiliar Airplanes

AC 90-89A

Amateur-Built Aircraft and Ultralight Flight Testing Handbook

AC 90-116

Additional Pilot Program for Phase I Flight Test

AC 68-1

Alternative Pilot Physical Examination and Education Requirements (Basic Med)

AC 43.13-2B - Acceptable Methods, Techniques, and Practices - Aircraft Alterations (aka The Builders Bible)

Vans Aircraft Flight Tests New RV-15!!



Advertisements

None this month.

Announcements:

► No member announcements this month!

From the Editor's Cockpit

I am always looking for articles, photos, and other information from the members for inclusion in each newsletter. Contact me if you wish to contribute!

Did you know that.....

You can get online versions of EAA magazines for Sport Aviation, The Experimenter, and other Specialized field magazines with additional content and more in depth information than is available in the printed version by subscribing to them at <http://www.eaa.org/experimenter> and <http://www.sportaviationonline.org/sportaviation/> (EAA members only)

You can attend regularly scheduled EAA webinars covering a variety of topics, or review archived webinars on www.EAA.org/webinars

You can get online builders assistance from the EAA Hints for Homebuilders Videos at www.EAAVideo.org

You can tap into other sources of information in EAA discussion forums by signing up at <http://eaaforums.org/forum.php>

Learn more about EAA Airventure at www.AirVenture.org.

Find much more information about building and flying your own aircraft on www.EAA.org

EAA SportAir Workshops are an excellent way to get hands on experience with a variety of different skills, and is well worth the expense IMHO. Check out the latest courses, dates and locations at www.SportAir.com.

FAA DAR's in Colorado

City	Last Name	First Name	EAA Member Recommended	Phone Number
Crawford	Hanna	George	Yes	(970) 921-4286
Byers	Husted	Robert	Yes	(303) 822-9890
Elbert	Jordan	Joseph	Yes	(719) 495-0887
Pagosa Springs	Serkes	Keith	Yes	(303) 828-3844
Pueblo	Walden	Ben	Yes	(719) 251-6522

Chapter 301 Young Eagles Tentative Program Schedule

The 2022 Young Rally Season is upon us. Blanche has advised that all participants need to use the EAA HQ website to sign up as a pilot or ground support. If you have not already done so, please go to yeday.org to register yourself as a pilot or ground support resource. Also note that this process will check your background check and EAA Child protection status training to verify these are also current, so make certain you are current with that as well. It is a one time sign-up procedure for the entire year.

Also remember to replenish your masks and disinfecting supplies if necessary, and review your procedures for keeping the aircraft and headsets, etc. clean in between each flight.

2022

<u>Month</u>	<u>Ground</u>	<u>Rally</u>	
Jan	27	28	Naval Sea Cadets
Feb	24	25	Denver Public Schools
March	25	26	Boy Scouts & Denver Public Schools
April	22	27	Boy Scouts & a local girls group
May	27	28	More Boy Scouts & a church group
June	24	25	2 Boy Scout troops
August	26	27	Boy Scout troop & another group To Be Named
Sept	23	24	Naval Sea Cadets & AGTBN
Oct	28	29	Denver Public Schools & AGTBN

EAA Chapter 301 KAPA Young Eagle Rally June 18, 2022



EAA Chapter 301 KCFO Young Eagle Rally Planned for June 25, 2022

Unfortunately, for the second month in a row, mother nature had other plans, and presented us with low ceilings AND high winds. This combination unfortunately resulted in the cancellation of the June Rally. In lieu of that, Blanche provided me with some other Young Eagle program news that recently came from National HQ, re-printed below:

From: **David Leiting** <dleiting@eaa.org>
Date: Thu, Jun 30, 2022 at 1:46 PM
Subject: Young Eagles 30th Anniverary Chapter Recognition

Good Afternoon, Blanche,

As of this email, there is only 24 days until EAA AirVenture Oshkosh 2022! As you hopefully know by now, EAA is kicking off the 30th Anniversary of the EAA Young Eagles program during the week of convention.

Providing free flights to youth for thirty consecutive years is a feat that EAA members should be extremely proud of, but they should also know that this wouldn't have been possible without the tremendous support of the EAA chapter network. As a matter of fact, in 2021, over 90% of the Young Eagles flown were done so by members of a local EAA chapter.

Out of the thousands of chapters that were in operation between 1992 and 2022, only 102 can claim their membership has supported Young Eagles for thirty consecutive years. Note: *This includes chapters founded since 1992 that have members who flew Young Eagles prior to the chapter's formation.*

I am excited to inform you that EAA Chapter 301 is one of the chapters that has had members participate in the program every year since 1992!

To recognize your chapter's unwavering support of the Young Eagles program, EAA has created a commemorative plaque for EAA Chapter 301. These plaques will be available for pick-up at EAA AirVenture Oshkosh in the Blue Barn.

Please, stop by the Blue Barn anytime between 9 a.m. and 4 p.m. during the week of convention to pick up your chapter's plaque. You might even see your chapter recognized other places within the Blue Barn. If you are unable to make it to the Blue Barn, you may designate another member to pick up the plaque.

Safe travels, and I hope to see you in Oshkosh. Don't miss the week of Young Eagles celebrations in Oshkosh!! Visit EAA.org/YEatAV to see what is scheduled for the week.

You'll also want to check-out what EAA has in store for the year-round celebration of the Young Eagles 30th Anniversary. More will be announced as we get closer to convention, but you can stay up-to-date at EAA.org/YE30.

Cc: President, Vice President, Secretary, Treasurer, and Young Eagles Coordinator(s) of EAA Chapter 301

Tailwinds,

Dave Leiting Jr.

Eagles Program Manager

P.S.: Blanche informed me (Ed.) that she is planning on attending Airventure, and so is our satellite KAPA YE Coordinator Tom Letts. I have posed a challenge to both of them to see which one of us will arrive first at the Blue Barn to pick up this special award and return it safely to the chapter! Congrats to those that were part of the ground breaking effort 30 years ago, and all those that have participated since. - Ed.

RACE ON!

Chapter Tools

Randall Eaker is our Chapter tool custodian. If you need to check out a tool for your project please contact him.

Scales

- Aircraft Spruce type
- Electronic/strain gauge type
- (7) - 50 LB cast iron slugs for calibration

Fire Wall Forward

- Oil filter cutter
- Tubing bead-ers: 3/8" & 1/2"
- Tubing bender
- Continental engine valve lifter tool
- Magneto timer
- Top dead center finder
- Tube flaring tool
- 1/2" cylinder wrench. 9/16" cylinder wrench
- Compression tester
- Bore scope
- Pliers, hose spring clamp
- Temperature measuring device (wide range)
- Prop Balancer

Airframe

- Nicopress sleeve tool 53XPJ with gauge
- Nicopress sleeve tool 64CGMP without gauge
- De-burring tool
- Hole flanger - sheet metal
- Electrical connector squeezers
- Panel knock-out punches
- Rivet squeezer - w/two new die sets
- Torque wrenches (2), (large and small)
- Hose clamp pliers
- Tubular rivet set for 1/8" rivets
- Drill guide for drilling cotter pin holes through bolts
- 3x pneumatic rivet gun
- 90 deg.pneumatic drill size 30 bit only.

- air blower gun
- 1/4 inch hose mandrel
- Pneumatic blind rivet puller
- High voltage wire tester

Popular Forums and Web Sites

I am starting a new section in the newsletter that will contain links to popular forums and websites that are utilized by our members in support of building and flying experimental aircraft. If you have a recommendation please send it to me and I will be happy to include it here.

EAA HQ: www.eaa.org

EAA Airventure: www.eaa.org/airventure

Vans Aircraft: <http://www.vansaircraft.com>

Sonex Aircraft: <http://www.sonexaircraft.com>

Vans Air Force (VAF): <http://www.vansairforce.net>

Kitplanes: <http://www.kitplanes.com>

First Flight Video: <http://bcove.me/s50u0x73>

Mustang Aircraft: <http://www.mustangaero.com/>

Cleveland Aircraft Tool: www.clevelandtool.com

Got more space to fill here—waiting for more links for member build sites, EAB kit manufacturer or builder support web sites, etc. Send me a link that you would like to see added here!

Disclaimer: Be aware that as always, in past, present, and future, any communications issued by Experimental Aircraft Association Chapter 301, regardless of format, and/or media used, which includes, but is not limited to, this newsletter and audio/visual recordings, is presented only in the context of a clearing house of ideas, opinions, and personal experience accounts. Anyone using ideas, opinions, information, etc., does so at their own risk. Therefore, no liability is expressed or implied by the Experimental Aircraft Association Chapter 301, or any of its members. Any event announced and/or listed herein, except as noted, is done as a matter of information and does not constitute approval, sponsorship, control, or endorsement of said event.

2022 Membership Enrollment Information

MANDATORY INFORMATION: If nothing has changed from last year, this is all the information required.

Date: ___/___/___

Annual Dues for 2022 \$20.00

Name: _____

Scholarship Donation (Optional)_____ .00

If you have a National EAA Membership #,
please provide it: _____

Total .00

Scholarship donations are tax deductible.

Are you a:

Technical Counselor Yes ___ No ___

Flight Advisor Yes ___ No ___

*Please make check(s) payable to:
EAA Chapter 301, C/O Hugh Cook
6477 S Walden ST
Aurora, CO 80016*

NEW MEMBERS PLEASE COMPLETE—RETURNING MEMBERS OPTIONAL INFORMATION: Supply any information that may have changed from previous year.

Spouse: _____

E-Mail Address1: _____

Street: _____

E-Mail Address2: _____

City, State and Zip: _____

Home Phone: _____

Cell Phone: _____

Expertise: _____

Work Phone: _____

AIRCRAFT INFORMATION:

Note: Category—Standard, Experimental, Ultralight, Light Sport, War Bird, etc.

Status: Built, Building, Restoring, Considering, etc.

<u>Make, Model</u>	<u>Category</u>	<u>Since (YR)</u>	<u>Status</u>	<u>Based At</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

HOW WOULD YOU LIKE TO BE INVOLVED DURING 2022?

- Run for a Chapter Officer Post? Yes ___ No ___
- Arrange, Or Be, The Program For One of Our Meetings? Yes ___ No ___
- Host a Chapter Meeting at Your Project? Yes ___ No ___
- Work as a Volunteer for 2022 Builders Workshop (if there is one)? Yes ___ No ___
- Participate in Young Eagles Functions, Either as Pilot or Volunteer? Pilot Yes ___ No ___
Ground Crew Yes ___ No ___

If you prefer to receive the newsletter by Snail Mail, check here. ___ (The monthly newsletter is delivered via E-Mail (unless otherwise requested). We also send out periodic news items by e-mail.)



EAA 301 - Rocky Mountain Chapter
www.eaa301.org

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First Class

Chapter Mission:

To Promote and Encourage the Restoration, Construction, and Safe Operation of Sport Aircraft.

This newsletter is published by Chapter 301 of the Experimental Aircraft Association for the use, education, and enjoyment of the members and others to whom it is provided. No claim is made for technical accuracy of material presented. Editorial content is the opinion of the contributor and does not reflect the position of Chapter 301 or the Experimental Aircraft Association.

Submission of articles for publication in the newsletter, comments, or inquiries are encouraged.

Meetings are normally held on the third Friday of each month at 7:00 PM. During the COVID Pandemic, all meetings are held virtually via Zoom unless otherwise notified. If you are prospective new member and would like to attend our virtual meetings, Contact a chapter officer or member listed below to obtain the link to join the meeting. We would love to have you!

Current Officers:

President: Steve Paschke (720)236-7869
Vice-Pres: James Taylor (303) 748-0231
Secretary: Chuck Spaur (720) 934-3427
Treasurer: Hugh Cook (949) 353-7588

Board of Directors:

Steve Paschke (720)236-7869 - Chairman
Pat Diamond (303) 886-9122- 2023
Allen Billbro (303) 653-6442- 2022
Chuck Spaur (720) 934-3427 - 2023
Russ Grell (303) 502-7375 - 2022

Technical Counselors:

Jim Elliott (303) 725-4279
Arlan Grover (720) 938-0666

Volunteer Officers:

Membership Coord: Russ Grell(303) 502-7375
Hangar/Tools Custodian:
Randall Eaker (720) 870-3874
Newsletter Editor: Bryan Raley (303) 437-7506
Name Tags: Lyn Langer (303) 809-2516
Safety: Pat Diamond (303) 886-9122
Mtg Facilities: Ralph Forsythe (303) 907-7499

Refreshment Chairman:

Jim Watts/John Tedder
(228) 860-0609/(303) 663-7851

Flight Advisors:

James Taylor (303) 748-0231
Arlan Grover (720) 938-0666

Webmaster:

Scott Wilson (951) 206-4079

Young Eagle Coordinator:

Blanche Cohen (303) 475-7700
GS Coordinator: Blanche Cohen(303) 475-7700

Scholarship Committee:

Pat Diamond (303) 886-9122- Chairman
Don Shipman (303) 971-0435
Dagmar Kress (303) 887-4473