

EAA 301 - Rocky Mountain Chapter

January Meeting :

Date: Friday, January 20, 2023 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.

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

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

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



President's Message

Happy New Year!
2023 is Young Eagle's 30th anniversary and EAA's 70th Anniversary. EAA provides many webinars, how-to videos and workshops. There is a wealth of information on their website. We will try to be more involved with events at the Wings Over the Rockies Museum.

Perhaps we can do a fly-out to some new place this year, any ideas?

Some important dates this year:

- Learn to Fly Day May 20th
- International Young Eagles Day June 10
- AirVenture July 24 – 30
- Late August or early September we will be hosting one of the EAA Ford Tri-motors

I encourage you to get involved. We have many activities available to get involved with. There are a lot of people to talk to and learn from. Let's make this year the best ever!

December Meeting Minutes

EAA 301 Meeting Minutes - December 16, 2022

President Steve Paschke called the December meeting to order at 7:04 pm. The meeting was held at "Colorado SKIES Academy" at KAPA.

November meeting minutes were approved without modification.

Treasurer's Report: Treasurer Hugh Cook reported that the chapter finances are in good shape. 2023 chapter membership dues are coming in. If you haven't paid your 2023 dues please make that happen, still only \$20 annually.

Hugh also reported that Chris Steiber had made a significant donation to the Chapter 301 scholarship fund. Thank you Chris!

Old Business: The annual Chapter 301 Founder's Banquet is set for January 29, 2023 at the Mount Vernon Country Club. Signups are open online, check your email for details, or you can sign up in person, see Russ Grell or Blanche Cohen.

Chapter 301 email and Internet domain name hosting is moving to Google Workspace. This has been investigated and discussed by the chapter Board of directors. We'll save some money each

December Meeting Minutes, Cont'd.

month and hopefully this transition can be accomplished without a service disruption.

Chapter hangar lease was discussed and from the information available there are 3+ years remaining on the building land lease.

New Business: As of the meeting date Hugh Cook is officially an EAA Tech Counselor. Congratulations Hugh and thank you!

Guest & Visitors: Welcome Sean Aldridge, building an RV-8. In his spare time Sean flies for United and is an pilot instructor at the United training center.

Projects & Progress Reports: James Taylor reports that he's near completion of installing a repaired motor mount on his RV-6. He's running down some glitches in his engine monitor and getting ready to fly.

Chuck Spaur is working on converting the RV-6A project he purchased into an RV-6. This involved adding a bulkhead reinforcement for the tailwheel attachment fitting. The fitting is in place and bottom skin is ready to rivet back on the fuselage.

Jim Watts now has an RV-7A airplane! No longer an airplane project, Jim received his airworthiness certificate about a week ago. Congratulations Jim!

President Steve Paschke is working on transponder wiring in his Advertiser 333. Steve is also looking for hangar space at KCFO. Contact Steve if you know of some space available at KCFO.

Flight Reports: Tom Letts reported that he completed landings from all 69 paved runway airports in the state of Colorado. Tom said that Paonia and Telluride were particularly great experiences. Getting a landing and takeoff spot at Denver International Airport was particularly challenging, taking numerous phone calls and paperwork. Congratulations Tom!

Lyn Langer has nametags. If you're new to the chapter or operating under an updated nom de guerre, Lyn will fix you up.

Young Eagles: The Chapter 301 Young Eagles program continues to thrive. Between the 2 venues, KAPA and KCFO, about 600 youngsters have taken YE flights in 2022. Demand for flight opportunities is strong, with events booked into the 2nd half of 2023.

December Meeting Minutes, Cont'd.

Thanks to Blanch Cohen and Tom Letts, and all the volunteers who make this program work! A special thanks to the pilots who spend their time and money to make these events happen.

Blanche reported that the chapter will be sponsoring 2 youngsters to attend camp at the EAA Air Academy next Summer.

The next Young Eagle event at KCFO is January 28, with ground school on January 27.

Scholarships: Pat Diamond reported that our 2022 Ray Aviation Scholarship recipient is finishing up training, and that the chapter expects to award a new scholarship in '23. This new scholarship may be a 50/50 award, with the chapter scholarship fund providing half and Ray the other half. Details are still developing. If you know of a youngster interested in flight training have them see Pat for details on how to apply.

Safety Discussion: Pat Diamond discussed the importance of preheating your airplane engine and avionics when operating in cold temperatures. Your equipment will last longer and be safer to operate. Also, cold temp's can lead to low tire pressures, with tubes getting pinched leading to flats. No fun landing an airplane with a flat tire, let alone fixing a tire on a windy ramp on a cold day.

Hugh Cook mentioned a CO detector he likes from Aithre. The device has LED indicators showing levels and battery state, and will talk to your smartphone. Check it out.

Be safe!

President Paschke adjourned the meeting at 8:02 pm.

Submitted by Chuck Spaur, Chapter 301 Secretary

Founder's Day Banquet/Awards

Our Founder's Day Brunch is coming up soon on January 29th, 11 am, at Mt. Vernon Country Club. Please reserve your spot NO LATER THAN January 23rd, using the form linked below:

<http://tinyurl.com/4db78knr>

This is the same location it has been for a couple of years. The address is:

24933 Club House Circle, Golden, CO 80401 .

Price: \$42 per person (children under 12 - \$21)
Please make check out to : EAA301
Check or Cash also accepted at the January chapter meeting (Jan 20, 2023)

Directions to Mount Vernon Country Club:

I-70 to Lookout Mountain, Exit 256

.03 miles, R on Grapevine Rd/CR-45

.02 miles, Left on US 40

1.4 miles, R on S Lookout Mountain Rd/CR-68

.2 miles, L on Mt Vernon country club Rd.

.8 miles, R on Club House Cir

.03 miles R to stay on club House Cir.

Club House is on the left.

If the banquet is held as scheduled, and you made a reservation, but are unable to attend, you are still responsible for the cost of your reservations.

This will be a fun event with delicious food, so we hope to see you all there!

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 93

Airmen Transition to Experimental or Unfamiliar Airplanes

AC 90-89 Amateur-Built Aircraft and Ultralight Flight
Testing Handbook

AC 90-116

Additional Pilot Program for Phase I Flight Test

Advertisements

From James Taylor for Nicholai Pfannenstiel (maker of the Ryan ST Replica kit). Our 360 horsepower 2010 F1 Rocket has been the source of countless adventures and it's time for it to go to a proud new owner. IO-540. Empty 1359 Gross 2250. Dynon EFIS-D100, GPS Map 396, Sigtronics Intercom, EI Amp/Volt Meter, EI Engine Monitor, INS 422 VOR/ILS, GT-50 and T-30 Flight Data Systems, Micro Air 760, Garmin SL40, Garmin GTX 327 Transponder, Rudder/Elevator Trim Indicator, Electric Trim (Rudder/Elevator), EI Fuel Gauge, Cockpit Lighting, IFLY 740. Paint and Interior 9/10. P-Mags. Around 300TTAF and STO and 700SMOH. Has an MT Prop with around 50SNEW. Located at KFLY in Falcon, Colorado. 185,000 negotiable. Contact Lee Wolford at (719) 338-1370 cell or (719) 590-1370 home if interested. See pics in November's newsletter. and 700SMOH. Has an MT Prop with around 50SNEW. Located at KFLY in Falcon, Colorado. 185,000 negotiable. Contact Lee Wolford at (719) 338-1370 cell or (719) 590-1370 home if interested. See pics in November's newsletter.

Announcements:

- ▶ Please join us for the Founder's Brunch at Mt. Vernon Country Club on January 29th, see details above.
- ▶ EAA is hosting Homebuilder's Week from January 23rd to January 27th. This is a week of forums pertaining to building your own aircraft. More information can be found on the separate attachment in the email.
- ▶ ATTENTION: Please pay your 2023 dues to Hugh Cook or give them to me. Thanks Russ Grell
- ▶ Congratulations!! to Mike Marshall on him being featured in December's EAA Sport Aviation in pages 76 to 80 in the article "Mosquito Swarm".

From the Editor's Cockpit

I am excited to be taking over the newsletter for the new year! As it was before, if you have a video, article, photos, or anything else you wish for me to include, or suggestions for me. please reach out! Please try and have anything you want me to include to me no later than the Saturday before that month's meeting.

- Hannah

From the Editor's Cockpit, Continued

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 Eagle Rally activities at KCFO will start again in January of 2023. Blanche reports that we are already booked for 2023 rallies. The latest 2023 schedule is shown on the right. Thanks to all admin staff, ground support, and pilots who participated in the Young Eagle program in 2022, and see you all in 2023!

2023	Ground	Rally	YEs already
Spaceport	School		scheduled
Jan	27	28	20
Feb	24	25	30
March	24	25	10
April	28	29	30
May	26	27	
June	23	24	
Aug	25	26	20
Sept	22	23	30
Oct	27	28	15

Total 155

EAA Chapter 301 KAPA Young Eagle Rally December 17, 2022



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>

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.

2023 Membership Enrollment Information

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

Date: ___/___/___

Annual Dues for 2023 \$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 2023?

- 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 2023 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

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, meetings may be held virtually via Zoom. 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: Blanche Cohen (303) 475-7700
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: (720) 520-4640
Hannah Stauffer
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

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