

EAA 301 - Rocky Mountain Chapter

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

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

Scholarship

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

March Meeting Agenda:
Program: Clint Crookshanks, an Aerospace Engineer specialist with the NTSB.

Agenda is attached in the email

Date: Friday, March 17, 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.



President's Message

Spring has sprung and the time has sprung forward, hopefully giving you more daylight to work on your projects. It also wouldn't hurt to go through your parts and tools, deciding what to get rid of. Cleaning your space will make space for more stuff. ;) We will be discussing airventure at March's meeting. It is time to make your plans.

Steve Paschke

EAA Chapter 301

February Meeting Minutes

The meeting was called to order at 7:04 pm by President Steve Paschke.

Steve asked if there were any corrections to the minutes as published. On motion the minutes were approved as published.

Treasurer Hugh Cook gave his report for the month ending January 2023. Finances are okay. We have received reimbursement from headquarters for 2022 Young Eagles expenses. He is still reconciling payments for and expenses of the Founders Brunch

Old Business:

Russ Grell congratulated Blanche Cohen for organizing the founder's brunch so well. A round of applause ensued.

Hannah Stauffer asked if there was any new information concerning the Ford Trimotor visit later this year.

There is no more info at this time.

New Business:

Steve told us that he, with others, had been invited to meet with some of the staff of a new Douglas County school that is planning to have an aviation curriculum for 11-12 grade high school students. The school is named Legacy

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February Meeting Minutes, Cont'd.

Campus. He told them about the Young Eagles program.

Membership coordinator, Russ Grell reminded us that the new membership book was out but will only be given to those who have paid their 2023 dues. Likewise only current members will be on the new mailing list that Steve and WEB master Scott Wilson are building. They expect this to be done in March.

Hugh Cook noted a friend of his has developed new machined aluminum tie-down lugs for RVs. They will be available shortly and are currently priced at \$60.00 a pair.

Hugh Cook reminded us that Tom Letts had flown to all 69 paved public use airports in Colorado. As a consequence the Division of Aeronautics of the Colorado Department of Transportation is considering implementing a passport program for others who want to do the same thing. This prompted a discussion of other state programs like this and the prizes those programs awarded to their participants. Hugh went on to say there are 72 public use airports in Colorado 3 of which are gravel. The DOT program would not require landings at the gravel airports to satisfy the passport program requirements. Noted in passing: there are 2 public use sea plane bases on private lakes in Colorado. Hugh said he has worked up 7 sorties that would get him to all the paved airports in 7 days of flying. Blanche Cohen said the division of Aeronautics has been giving her surplus copies of Colorado Airport Directories and planning charts which she uses in her classes and shares with other educational entities. She had some on hand to give out at the meeting.

Guests/Visitors:

Bob Kartman is from Fort Wayne IN. He's a member of Chapter 2, works there and here for Lockheed, and flies an RV-14.

Builder's Progress Reports:

David Gissen reported his RANS S21 is waiting for the airworthiness inspection. He has it scheduled with the FAA on February 21.

James Taylor has his RV-6 back in the air after being down since September 15. He needs to install new

February Meeting Minutes, Cont'd.

landing gear leg fairings.

Steve Paschke reported the Aspen screens in his Adventurer 333 are successfully running.

Flight Reports:

Hugh Cook reported that he and Dave Hock flew on a recent Saturday to Pueblo to visit the museum. He said the airport was quite busy, the museum was worth the trip, and the restaurant wasn't open and seemed to be a joke to the locals.

Technical Counselors:

Hugh Cook visited Steve Paschke's Adventurer 333 project.

Flight Advisor:

No reports.

Young Eagles:

We flew 8 Young Eagles in a weather delayed rally in January. Blanche Cohen reported that scheduled rallies at KCFO are booked through February 2024. Rallies at KAPA are booked through year end 2023. She has received a request for a midweek rally on July 19 which she will try to accommodate if she gets enough volunteers.

Scholarship Committee:

Pat Diamond outlined recent changes to the Ray Fund scholarships: Annual contribution has increased from \$1 million to \$1.8 million, individual scholarship value has increased from \$10,000 to \$11,000. Local chapter share has reduced from 50% to 25%. We have one of these for 2023 which will be awarded to Hannah Stauffer. She anticipates starting her training in May. We may be eligible for another one later this year.

Someone noted that the Colorado Pilots Association is now giving Ray Scholarships also but Pat noted theirs don't typically go to young people. He also told us he made two presentation to the Warren Tech School which may lead to more applicants

Safety:

Pat Diamond pointed out that currency and proficiency are two different things even though we

February Meeting Minutes, Cont'd.

tend to lump them together. Currency is to keep the FAA happy with our legal requirements. Proficiency is to keep us safe. He encouraged us to keep ourselves proficient by practicing various maneuvers regularly, flying with instructors, using simulators. Dave Gissen noted Wings over the Rockies has several simulators available to rent and someone else pointed out that museum membership might get you free access to the simulators.

Steve declared a refreshment recess at 7:59. We reconvened at 8:20.

Program:

Blanche Cohen introduced Dagmar Kress our speaker for the evening. Dagmar is a lecturer/educator in Theory of Flight at Metro State University. She is the coach of the Metro aerobatic team, leading them to 3 national championships. She has also been a competitor and champion in her own right on the international stage for both Germany and the United States. She is a member of the Board of Directors of Wings Over the Rockies Museum; has ratings up to and including ATP; is a member of IAC, the EAA International Aerobatic Club. She currently flies an Extra 330SC. She is a #1 Ambassador for getting kids and girls in particular interested in aviation.

Dagmar started her presentation by giving an explanation of IAC scoring to show how her team could claim to beat the Air Force. Then she briefly outlined the nature and scope of aerobatic competition in the U.S. The meat of her talk was a comprehensive discussion of the forces and factors involved in aerobatics, spins, stalls and recovery from them. In particular she pointed out how closely we can approach stalls at speeds not too different from speeds we think of as normal or safe in the pattern. She had much more to tell us but time expired. There was talk at the end of continuing the discussion at a future date. Thank you Dagmar!!

The meeting adjourned at 9:30 pm.

Respectfully submitted,

Lyn Langer, Secretary pro tem

Calling all Projects and Hangar Queens!

Got a project? Pilot Kevin Huff is looking to purchase a project plane. He sent this to our chapter:

First I am not a broker. I am a pilot from Rangely Co. and just looking for a project.

Second I am 6 ft 5 inches tall and 300 lbs so I am not looking for a 150 or a piper cub.

If you or any of your friends have a project or a hanger queen that will not break the bank to get in the air, I would appreciate if you would give the this note.

I have the cash and some interesting toys to buy and or trade for the right plane.

Kevin Huff Rangely Co 81648:
(970)-574-7101 cell
and dkh429@yahoo.com

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

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)

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 PAY YOUR 2023 DUES!!! All payments can be given to Russ Grell or Hugh Cook. Only members with paid dues will be added to the new email list.

From the Editor's Cockpit

Happy March! If you have a video, article, photo, or anything else you wish for me to include for next month, please reach out to me at stauffer804@gmail.com! Please try and have anything you want me to include to me no later than the Saturday before that month's meeting.

- Hannah

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

Blanche reports that we are already booked for 2023 rallies. The latest 2023 schedule is shown below. Thanks to all our admin staff, ground support, and pilots!

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 February 18, 2023



EAA Chapter 301 KCFO Young Eagle Rally February 25, 2023



Letter From Blanche Cohen To All Chapter 301 Members

VeepVeep....VeepVeep

Remember the Road Runner & Wile E. Coyote cartoons?...that's what I feel like right now, the coyote waiting for the explosion, falling off the cliff, caught in the imaginary tunnel and so on. Full-time job, Young Eagles, officer in my professional society, the day-to-day issues of life (house stuff, food stuff, dog stuff) and now....EAA301 VP.

Let's start with Young Eagles. If you missed the email, the FAA asked EAA301 to hold a special Young Eagle rally, hosting the ACE Academy. To be more specific, the D01 Denver TRACON, Air Traffic Control & Support Specialist, who is the FAA STEM AVSED Outreach Representative contacted us. Who are we to say no to the FAA?

When, you ask? Wednesday morning, July 19.

[sarcastic mode on] Right. Uh-huh. Of course. Sure. Mere days before many take off for Oshkosh. No problem. [sarcastic mode off]

After checking with Spaceport - will this conflict with anything already planned at the airport [no, no problems but let the flight schools know] Tom Letts and I muddled about it and decided we could pull it off. 20-25 kids from Colorado and out-of-state, same size as we've been flying only this time, during the week. If you're available to fly or help on the ground, please email me at blanche@acm.org A few of you have already volunteered, so thanks, but we need more.

Programs - the actual responsibility of the VP. To start, kudos to David Gissen & Maud Naroll for great ideas and contacts. I'm thinking he should have been elected as VP instead of me. Will someone impeach me and let David take over?

Got a great line-up of speakers in the near future. This month, March 17, will be Clint Crookshanks, an Aerospace Engineer specialist with the NTSB. Clint was the lead investigator on the P-51 crash at the 2011 Reno Air Races (We know, Reno will no longer host the races after 2024, but that's a story for another time.)

April 21 - Dagmar Kress, Aerobatics Part II.

May 19 - TBD

Jun 16 - Spatial Disorientation

July - no program, time to pack for OSH

August - Highlights of AirVenture 2023 (for those of us who won't make it)

Later in the year:

The FAA FFAST program

And more! Just getting started. We have over 70 members but I keep seeing the same 20 or so at meetings and YE events. Maybe we don't have topics that interest you. So tell me, email me, what interests you and what will bring you to a meeting, what will get you interested in what the chapter does?

[waiting for the anvil to fall]

blanche@acm.org

N2127R

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
Hugh Cook (949) 353-7588

Volunteer Officers:

Membership Coord: Russ Grell (303) 502-7375
Hangar/Tools Custodian:
Randall Eaker (720) 870-3874
Newsletter Editor: Hannah Stauffer (720) 520-4640
Name Tags: Lyn Langer (303) 809-2516
Safety: Pat Diamond (303) 886-9122
Mtg Facilities: Ralph Forsythe (303) 907-7499

Refreshment Chairman:

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