

EAA 301 - Rocky Mountain Chapter

April Meeting Agenda:
Program: Dagmar Kress -
Aerobatics Part 2

Date: Friday, April 21,
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.

Inside this issue:

- President's Message** 1
- November Mtg Minutes** 1-2
- Ads/Announcements/ Editor's Cockpit** 3
- DARS/YE Rally Schedule** 4
- YE Rally Pics** 5
- From Blanche** 6
- Useful Information** 7
- Membership App** 8
- Chapter Ofcr Contact Info** 9

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

Scholarship

Contributions: www.gofundme.com/eaa301-scholarships

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

Chapter Email Address: chapter301@gmail.com



President's Message

Dear Members of Experimental Aviation Association, Chapter 301,

We hope this message finds you well and that you are all enjoying your aviation projects. As a community of aviation enthusiasts, we share a passion for building airplanes and exploring the skies.

We wanted to take this opportunity to remind you of the importance of inviting friends to our meetings and events. The more members we have, the stronger our community becomes. By bringing in new members, we can share our knowledge and expertise, and help each other grow in our aviation pursuits.

We encourage you to be active in the chapter, to attend meetings and events regularly, and to participate in discussions and activities. This is a great opportunity to connect with like-minded individuals who share your passion for aviation.

As a community, we also want to support each other in our individual endeavors to build airplanes. If you are facing any challenges or have any questions, don't hesitate to reach out to your fellow members. We are all here to help each other, learn from each other, and grow together.

Let's continue to build a strong and vibrant aviation community in Chapter 301. Thank you for your continued support, and we look forward to seeing you at our upcoming meetings and events.

Sincerely,

Stephen Paschke

March Meeting Minutes

President Steve Paschke called the meeting to order at 7:05 pm. The meeting was held at the Colorado Skies Academy near Centennial Airport (KAPA).

Minutes of the February meeting were approved without modification.

Treasurer's Report

Treasurer Hugh Cook reported the chapter has received funds from the national EAA Young Eagles program for 2022. Chapter expenses and other income showed a net increase over the month of February.

Hugh also noted that the audit materials for 2022 have been organized and are ready for review. President Paschke said he would be looking them over.

New Business

The 70th anniversary of AirVenture ("Oshkosh") is coming up this Summer. There was discussion of getting a chapter campsite of 6 plots together. Hugh Cook described the opening on June 24 when some campsites can be claimed for the upcoming convention. Hugh plans to be there and participate in the "land rush". Good luck Hugh!

Also regarding AirVenture, the "KiddyHawk" simulator that the chapter has staffed for many years will again be featured at the KidVenture area. Chapter members are encouraged to sign up for a shift or 2 and help the kids enjoy get some stick time.

It was noted that there is a new form required for an experimental aircraft builder

March Meeting Minutes, Cont'd.

to get a Repairman Certificate. See the FAA website for details.

Russ Grell encouraged attendees to pay their 2023 dues and get the latest edition of the Chapter 301 Membership Directory.

Guests and Visitors

Tim Pickles is a pilot looking to get current and back into aviation.

Dan Jones recently got the aviation bug. His son is graduating from college having completed the Air Force ROTC program and has a pilot training slot.

David Rasco is another returning pilot with 15 years of flying experience. It has been several years since he's flown, he's looking forward to getting back in the cockpit.

Welcome to all our visitors!

Project Reports

David Gissen has 5+ hours on his new Ran's S-21. A radio repair will keep him grounded for a few days.

James Taylor is working on fiberglass for his RV-6 gear legs.

Steve Paschke installed a sensor module for his Aspen 1000 EFIS in his Adventurer 333.

Flight Reports

Jim Watts has over 42 hours on his RV-7A. He can't help smiling when he talks about it. Jim is working on his Pilot Operating Handbook and is very pleased with the performance, handling, crosswind capabilities, etc. There were a few minor bugs to work out over the flight testing period - a fuel flow sensor being one he mentioned. Congratulations Jim!

Young Eagles

Blanche Cohen reported that the Chapter 301 monthly Young Eagles events are now fully subscribed until February next year. Also, a "special event" will be held in July at KCFO. This special event is being held on Tuesday July 19. If your schedule allows you to fly during the week see Blanche about supporting this event.

Scholarship Committee

Pat Diamond reported that there is a new flight training scholarship supported by Microsoft that has been offered to Chapter 301. Also another Ray Scholarship is coming our way. If you know a youngster, 17-19 years old, looking for financial support for flight training please put them in touch with Pat.

March Meeting Minutes, Cont'd.

Pat also gave a rundown on some of our previous scholarship recipients:

Blake Mooney has over 150 hours and is continuing his training with a part 141 school.

Ryan Holstead, a 2021 scholarship recipient, is working on his Commercial rating.

Megan Carlson has about 200 hours and is working on her Commercial rating.

Hannah Stauffer, our chapter newsletter editor, will be starting her training soon.

Safety Briefing

Pat Diamond emphasized that with the approach of Spring more airplanes will be flying, especially around airports where things can be pretty quiet during the Winter months. Don't count on ADS-B to keep you safe, keep your eyes open and be safe.

Chris Stieber talked about visiting a soaring convention in Reno and finding the gliders are tight fit. Chris is working on this issue. He also plans to attend the 60th and final air races at Reno Stead field this fall.

Finally Chris has a "Port-A-Port" available at KAPA. If you're looking to shelter your airplane at KAPA see Chris.

Refreshment Chairman Jim Watts was in such great spirits, maybe because of his RV-7A?, that he treated the group to coffee and cookies as the meeting adjourned. Thanks Jim!

President Paschke adjourned the meeting at 7:40 pm.

Program

Clint Crookshanks, from the NTSB, gave a very interesting presentation on an accident investigation at the Reno Air Races in 2011. Very detailed and insightful. Thank you Clint!

Minutes submitted by

Chuck Spaur

Chapter 301 Secretary

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:

► The chapter will be having a hamburger and hotdog cookout at Hugh Cook's hangar at KCFO on Saturday, April 29, starting at noon after the Young Eagles rally. The address is 5160 Violet Hill St, Unit N8. Please see the email sent out by Jim Watts for more information.

► 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 April! 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

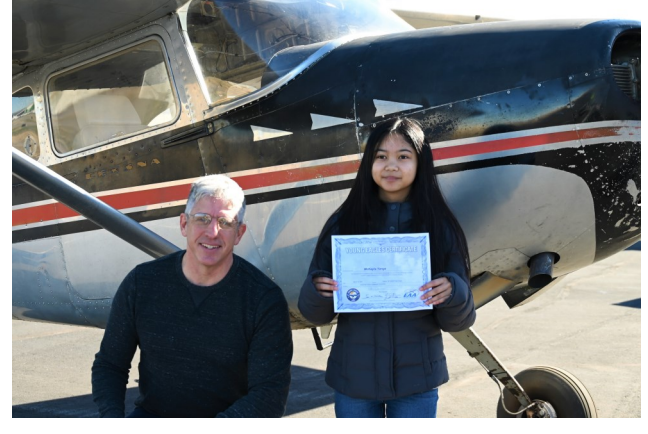
Chapter 301 Young Eagles Tentative Program Schedule

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 March 18, 2023



From Blanche Cohen

Here are the upcoming program speakers:

April 21 - Dagmar Kress, the Sequel. Dagmar will continue talking about aerobatics and how us boring pilots can benefit from knowing the physics and what we should do if we get into a pickle.

May 19 - Nelson Wolfmeier, FAA Safety Team Program Mgr, "Please copy down this number"

June 16 - Dr David Schall, MD MPH FACS, AME on Spatial Disorientation

July 21 - Prep for Airventure

Aug 18 - John Berens (FAA), Owner Maintenance - Experimental v Standard and all the differences

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
Randall Eaker (720) 870-3874 - 2024
Chuck Spaur (720) 934-3427 - 2023
Russ Grell (303) 502-7375 - 2024

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:

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