

EAA 301 - Rocky Mountain Chapter

July Agenda: No meeting due to AirVenture

**Date: NO MEETING!
Enjoy Oshkosh!**

Location: **No Meeting**
Next month, meetings will resume at our usual 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

Contributions: www.gofundme.com/eaa301-scholarships

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

Chapter Email Address: chapter301@gmail.com



President's Message

Happy July everyone! AirVenture is coming up and I wish everyone safe travels! I will be heading up Friday myself.

Coming up at the end of August is hosting the Ford Trimotor at Wings Over the Rockies Exploration of Flight. It will run Thursday through Sunday. Thursday will be 2 o'clock to five. However, we will need to be there early to set things up. The rest of the days will be 9 AM to 5 PM. I am looking for volunteers. We need at least four at all times—you don't have to work all day. I will have my food truck there Friday and Saturday. I will not be there Sunday.

We also need a little help marketing. I have not received the promotional materials yet from EAA. Perhaps we can each take some materials and display them in the areas we live. We will also have materials from Wings Over the Rockies. National will be contacting some media people but if you have any contacts, let us know.

There also will be a C-47 there giving rides. They will have five people so we may be able to get by with fewer by combining our forces. This should be a pretty good event with the two airplanes and the food truck, the museum customers and everyone we can attract. The average income is \$500-\$2,000 for the chapters that host the Trimotor. If we spread the word enough, we will hit the top end of that. I will give you more details as I get them.

- Steve Pasche, 301 President

June Meeting Minutes

EAA Chapter 301 Meeting Minutes - June 16, 2023

Vice President Blanche Cohen called the meeting to order at 7:04 pm. The meeting was held at the Colorado Skies Academy near Centennial Airport (KAPA). Minutes of the May meeting were approved with one correction - Walt Jazun's name was misspelled in the May minutes. Sorry about that Walter!

Old Business

Treasurer Hugh Cook reported the chapter finances are in fine shape. Rising interest rates are boosting our returns. The treasurer's report was unanimously approved.

New Business

AirVenture 2023 is rapidly approaching. A good number of Chapter 301 members are planning to make the trip to Oshkosh. Hugh Cook has volunteered to support AirVenture ground operations, and one of the perks is a free camping spot. Hugh is also looking into the KidVenture simulator that Chapter 301 members developed and have supported for many years. Hugh encourages chapter members to sign up for a shift at KidVenture during your time at Oshkosh. The enthusiasm of the youngsters is contagious. More details on volunteering will be shared at the July meeting.

The EAA Ford Tri-Motor event planning is ongoing. This event has the potential to generate significant exposure for Chapter 301 as well as financial benefits. President Pasche is continuing to work on the event details, which are many. The 4-day event, August 31 - September 3, will be held at KAPA and there are many opportunities to volunteer to support the event.

June Meeting Minutes, Cont'd

Young Eagles:

Blanche Cohen referred to the June newsletter for details on the most recent event. The Chapter 301 Young Eagles program continues to thrive. Blanche did encourage anyone interested in volunteering to contact her. Pilots and ground support volunteers are always needed. Blanche also shared that Tom Letts, who coordinates the Chapter 301 Young Eagles activities at KAPA, has been selected to receive an Outstanding Young Eagles Chapter Coordinator Award. The award will be presented at the Young Eagles Award Banquet on Tuesday, July 25. The banquet is held during AirVenture at the EAA Museum. Congratulations Tom!!

Jim Watts reminded chapter members that he's coordinating a regular (monthly) BBQ following Young Eagles events at KCFO. This month's BBQ will start at 11:30.

Guests:

Pat Diamond introduced Aiden Meldehl, a recent Warren Tech graduate and next in line for Chapter 301 flight training scholarship.

Project Reports:

David Gissen has flown his Rans S-21 over 30 hours, over 3/4 of the way through his phase 1 flight testing.

Marcus Cooper is receiving his finishing kit for his RV-14 project. Avionics decisions are imminent. Marcus is debating whether he wants to spend the money and panel space for ILS capability given the proliferation of GPS approach capabilities.

Lyn Langer just received his new Dynon Skyview HDX equipment. Lyn is working to figure out how much panel rearranging he wants to do to get the new 10" screen in the existing 7" panel opening.

Flight Reports:

Jim Watts flew his RV-7A, accompanied by Dave Hawk in his RV-7, to the Great Sand Dunes National Park. This was Jim's first flight into the mountains with his new RV and he was very happy with the performance.

Tech Counselor Report:

Hugh Cook visited Wayne Robninson's RV-4 project. This is RV-4 kit #58, and construction was started many years ago. Hugh reports that Wayne is doing very nice work. Hugh Cook mentioned that the Colorado 99's are planning to repaint the compass rose at KCFO on September 9. Volunteers are needed to make this a quick and fun project.

Scholarship Report

Pat Diamond introduced Aiden Meldehl as the second scholarship recipient. Scholarship recipient Hannah Stauffer, Chapter 301 Newsletter Editor, is beginning training and has received her official EAA package and Ray Scholarship hat. EAA National and Chapter 301 scholarships offer significant support for youngsters interested in learning to fly. Applicants that have taken the initiative to get a 3rd Class Medical and pass the FAA private pilot written exam have a very good chance of receiving a flight training scholarship. If you know of a young person interested in learning to fly please refer

June Meeting Minutes, Cont'd

them to Pat Diamond or any of the Chapter 301 scholarship committee members. This is a great opportunity to learn to fly on a budget.

Safety Briefing:

Pat Diamond encouraged all those planning to fly to AirVenture next month to spend some time studying the FAA NOTAM issued for the event. Even if you've been there many times, the procedures do get updated and you may notice something you've forgotten. Pat encouraged pilots to do this when preparing for the trip (prior to departure!), as well as reviewing while enroute to the event.

Fly safe!

Russ Grell shared a preliminary NTSB accident report that killed a Colorado pilot. Details will be a while coming out, it appears that weather, possibly icing, was a factor.

VP Blanche Cohen adjourned the meeting at 7:57 pm.

After a break for coffee and conversation, Dr. David Schall gave a very interesting talk on Spatial Disorientation. Thank you Dr Schall!

Chapter meeting minutes respectfully submitted by

Chuck Spaur

EAA 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)

Announcements:

► Reminder that there is a special FAA Young Eagle Rally this Wednesday the 19th

► There is NO MEETING this month due to AirVenture! Get in touch with Hugh cook or see Veep Veep from Our VP to learn more about getting involved at the show.

Veep Veep from Our VP

Veep Veep

Young Eagles

June's Young Eagle rally was great – fewer kids meant it was easier to get everyone a flight. Numbers:

Pilots – 7

Ground – 16

Young Eagles – 26

Eagle Flights - 4

Chapter Activities

No speaker at the July meeting – planning for AirVenture, more info on the Tri-Motor event, and suggestions for future meeting topics.

Ford Tri-Motor

Steve P is leading the charge, coordinating with Wings for hangar and ramp space. We'll need volunteers to staff the desk and provide escorts to/from the aircraft. We'll start asking for volunteers after everyone recovers from AirVenture.

AirVenture

Lots of Young Eagle activities during the show. If you're part of our ground crew, the Corn Roast on Thursday, July 27 is just for you. Other YE opportunities include the Welcome Center, the Awards banquet and the Blue Barn. Hugh Cook is our coordinator for volunteer activities at AirVenture. Contact him if you're going to be there and want to get involved.

Chapter Calendar

July 21 Ready for AirVenture?

Aug 18 John Berens (FAA)

Aug 28 KAPA Tri-Motor Arrives

Aug 31 – Sep 4 KAPA Tri-Motor Public Flights

Sept 4 KAPA Tri-Motor Departs

Sept 15 AirVenture & AirAcademy review

Oct 20 TBD

Nov 17 Pat Diamond – winter survival

Dec 15 TBD

Young Eagle Calendar

July 15 KAPA

July 19 KCFO Special for the FAA

July 23-29. KOSH AirVenture

Aug 19 KAPA

Aug 26 KCFO (Boy Scouts & FlyGirls)

Sept 16 KAPA

Sept 22 KCFO (Naval Sea Cadets & Boy Scouts)

Oct 21 KAPA

Oct 28 KCFO (Denver & Adams Public Schools)

Nov 18 KAPA

Dec 16 KAPA

From the Editor's Cockpit

Happy June! 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.

June BBQ Pictures



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

July Calendar

★ ★ ★ July 2023 ★ ★ ★

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1	2
3	4 ★ Independence Day	5	6	7	8	9
10	11	12	13	14	15 KAPA Young Eagles	16
17	18	19 FAA Special Young Eagles	20	21 NO MEETING	22	23
24	25	26	27	28 ★ Ashura	29	30
30	— Oshkosh AirVenture —					

EAA Chapter 301 KCFO Young Eagle Rally June 24, 2023



EAA Chapter 301 KAPA Young Eagle Rally July 15, 2023



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