

# EAA 301 - Rocky Mountain Chapter

November Agenda: Walt Jazun

\*\*\*\*\*

**Date: November 17th Informal meet-and-greet begins at 6:30 p.m. and our meeting will begin at 7:00 p.m.**

Location: This month's meeting will be held 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.

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

Contributions: [www.gofundme.com/eaa301-scholarships](http://www.gofundme.com/eaa301-scholarships)

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

Chapter Email Address: [chapter301@gmail.com](mailto:chapter301@gmail.com)



## President's Message

The current GA trends and issues seem to be:

### Electric Aviation:

One of the most significant trends in general aviation is the ongoing development and adoption of electric aircraft. Companies like Pipistrel and Bye Aerospace have introduced electric-powered training aircraft, demonstrating the feasibility and potential for electric propulsion in smaller aircraft. The shift towards electric aviation is driven by the desire to reduce emissions, operating costs, and noise levels. The development of more powerful and energy-dense batteries is a key enabler for the growth of electric aviation.

### Advanced Avionics and Connectivity:

The integration of advanced avionics systems and connectivity solutions is transforming the cockpit experience for general aviation pilots. Glass cockpit displays, synthetic vision systems, and advanced navigation tools enhance situational awareness and contribute to safer flights. Additionally, the integration of connectivity features enables real-time data sharing, weather updates, and communication, streamlining operations and improving overall efficiency.

### Autonomous and Semi-Autonomous Systems:

The advent of autonomous and semi-autonomous technologies is making its way into general aviation. While fully autonomous flights may still be on the horizon, features like autopilot systems, automated navigation, and emergency response systems are becoming more prevalent. These technologies aim to enhance pilot decision-making, mitigate human errors, and improve

## President's Message Continued

overall flight safety.

### Urban Air Mobility (UAM):

The concept of urban air mobility, involving the use of small electric vertical takeoff and landing (eVTOL) aircraft for short-distance transportation within urban areas, is gaining traction. Numerous companies are exploring the development of eVTOL vehicles for air taxis and on-demand transportation. While regulatory challenges remain, the potential for reducing congestion and improving transportation efficiency in urban environments is driving interest and investment in this emerging sector.

### Sustainability Initiatives:

Environmental concerns are increasingly shaping the general aviation landscape. Sustainable aviation fuels (SAFs) are being explored as an alternative to traditional aviation fuels, aiming to reduce the carbon footprint of general aviation operations. Additionally, manufacturers are focusing on designing more fuel-efficient and environmentally friendly aircraft to align with global efforts to address climate change.

Aviation fuels is probably the most urgent and has the most direct affect on us now. This has come to the for front recently and hopefully, the FAA will finally get moving faster on it.

On a personal note, I am starting to look for a hangar to buy and would be interested in a partner in a hangar that would fit 2 airplanes.

- Steve Paschke

## Inside this issue:

<b>Presidents Message</b>	<b>1</b>
<b>October Meeting Minutes</b>	<b>2</b>
<b>Meeting Minutes Ct'd Veep Veep</b>	<b>4</b>
<b>DARS/YE Schedule, Editor's Cockpit</b>	<b>4</b>
<b>Young Eagles Photos</b>	<b>5</b>
<b>Important Information</b>	<b>6</b>
<b>Membership Application</b>	<b>7</b>
<b>Officer Contacts</b>	<b>8</b>

## October Meeting Minutes

EAA Chapter 301 Meeting Minutes - October 20, 2023. President Steve Paschke called the meeting to order at 7:00 PM at the Colorado Skies Academy. Minutes of the September chapter meeting were approved without modification.

### Treasurer's Report

Hugh Cook reported receiving Ray scholarship funds providing a bump to chapter scholarship account. Hugh also reminded members that we still have a dollar-for-dollar matching challenge going on, every dollar donated to the Chapter 301 scholarship funds is doubled during this challenge. The end of the year is rapidly approaching, make your donations soon!

The treasurer's report was accepted without modification.

### New Business

In a recent meeting the Chapter 301 Board of Directors voted to raise the annual dues to \$25. The board also agreed to fund and expand support for the BBQ events following Young Eagle events at KCFO. The Chapter 301 banner should be displayed at these events. All chapter members and their families are welcome.

The board formed a committee to monitor the "Quiet Skies" activities in the Colorado front range area. Mike Metter and Steve Paske volunteered to support this effort. If you're interested there are numerous upcoming opportunities to get involved.

### Project Milestones

Bob Kartman is making progress on his RV-14 empennage. Bob has a weekly build group, where he's introducing newbies to the basics of working with aluminum.

Marcus Cooper has just finished the wings of his RV-14 project, moving the project along quickly.

David Gissen has his Rans in the paint shop and reported primer has been applied.

Mark Peiker has located a tail for his Gyrocopter project.

Hugh Cook has a cracked cylinder on his RV-8, repairs are underway. Hugh has also bought an RV-10 tail kit. After evaluating options for shipping the kit

he's decided to take a trip to Oregon and retrieve it.

Jim Watts continues to enjoy flying his RV-7A. Jim just received his repairman's certificate. He encouraged builders, even with the repairman's certificate in hand, to get help from professionals for critical parts of the airplane.

Chuck Spaur is busy wiring his RV-6. Avionics have been purchased and the wiring harness is being constructed.

Steve Paske has received the airworthiness certificate for his Adventurer 333. Steve is doing ground testing and fixing minor squawks.

### Flight Reports

Hugh Cook reported having a beautiful flight in the Colorado high country. He took a looping route West of the divide landing in Telluride, catching Fall foliage at about peak color.

Randall Eaker told about attending the air races in Reno. This year was the final year that the event will be held at Stead Field. The air race group is searching for a new venue, with Pueblo, Colorado being on the short list of possibilities.

### Young Eagles Report

Blanche Cohen has a full calendar for Young Eagles events in 2024. She is holding some space in the schedule to accommodate high priority requests. The chapter has one more event planned for 2023.

### Scholarship Report

Scholarship recipients Hannah and Aiden continue to make progress toward that private pilot certificate. Aiden soloed on September 27, and is planning his cross country flights. Hannah expects to solo very soon. Exciting times!

### Safety Topic

Russ Grell talked about the dangers of attempting to return to the airport runway when an engine fails on takeoff. Russ recounted a recent tragic example when a Cessna Cardinal attempted this maneuver. As tempting as it might be to try to make the 180+ degree turn, with limited altitude and airspeed it is perilous. Better to take the cornfield than the low-altitude stall...

## October Meeting Minutes Continued

### And Finally

Election of Chapter 301 officers was conducted at the end of the meeting. After a short discussion the slate of unopposed candidates was elected by unanimous consent. Congratulations to the new and continuing chapter officers!

President Walt Jazun

Vice President: Blanche Cohen

Secretary: Chuck Spaur

Treasurer: Hugh Cook

Membership Coordinator: Russ Grell

Safety Officer: Pat Diamond

Tool Custodian: Randall Eaker

Young Eagles Coordinator: Blanche Cohen

Scholarship Committee: Pat Diamond, Dagmar Kress, Tom Letts

Refreshment Chairman: Jim Watts

Name Tags: Lyn Langer

Newsletter Editor: Hannah Stauffer

Webmaster: Scott Wilson

Board Position: Pat Diamond

Following the meeting chapter member Dr David Gissen made a presentation on surviving in the high country after you've survived the off-field landing. A few essentials can greatly improve your chances of survival. Thanks David!

Chapter meeting minutes respectfully submitted by  
Chuck Spaur  
EAA Chapter 301 Secretary

## Veep Veep from Our VP

### Veep Veep

#### Young Eagles

Weather. Why is it always the weather? The October rally at

Spaceport was cancelled due to weather. This was important not only for the kids but the Adams County Commissioners wanted to see a rally with kids from Adams County schools. This would have been excellent PR both for the airport and the EAA Young Eagle program. Candidly, I'm not sure if any of the commissioners even know where the airport is. [ok, that was a snide but probably deserved remark] That's three...or is it four we've cancelled in 2023 due to weather. Curses on you, Mother Nature!

See you all in January with the Naval Sea Cadets.

#### Chapter Activities

Weather cancelled the get-together after the cancelled rally. November speaker is our incoming president, Walt Jazun. Walt's been an EAA member since March 1990 and frequently attended AirVenture for his lifelong passion for sport aviation. Walt recently retired from United Airlines after 31 years flying both internationally and domestically, the last 25 years of his career as Captain of the Boeing 727, 737 and Airbus 319/320. Walt built a Van's RV-7, is currently restoring a 1947 Piper PA-12 Super Cruiser and enjoys the low and slow sights and sounds of his Piper PA- 11 Cub Special which he keeps at his hangar shop at Spaceport.

#### Anti-Airport Activities

Following on Mike K's presentation in September, and the debacle at Superior last month (community meeting? Right, and I have some land I'd like to talk to you about (this isn't even funny anymore with the developers gunning for BDU) there's hope for a combined effort. CABA and CPA are leading the charge (and this includes attorneys!) state-wide on these attacks. If you attend another of these events, please contact Mike for talking points and recommendations. Let's speak with a single voice, regardless of who's speaking.

#### Founders Brunch

Still looking for options to Mt Vernon. Thanks to all who've made suggestions, we're evaluating all of them, even visiting the locations that are on the "definitely possible" list. Please don't stop making suggestions - never know when a location will be just right for us.

#### Chapter Calendar

Nov 17 Walt Jazun - Incoming chapter President

Dec 15 TBD

### 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

### 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)

### From the Editor's Cockpit

Happy November! 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](mailto: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. I would love to get some AirVenture Pictures for the next issue!

- 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](http://www.EAA.org/webinars)

You can get online builders assistance from the EAA Hints for Homebuilders Videos at [www.EAAVideo.org](http://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](http://www.AirVenture.org).

Find much more information about building and flying your own aircraft on [www.EAA.org](http://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](http://www.SportAir.com).

### Young Eagles Schedule

#### Young Eagles

Nov 18 KAPA

Dec 16 KAPA

Jan 20 KAPA

Jan 27 KCFO

Feb 17 KAPA

Feb 24 KCFO

We'll publish the complete 2024 calendar in the December issue.

# KAPA Young Eagles October 21st



## 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](http://www.eaa.org)

**EAA Airventure:** [www.eaa.org/airventure](http://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](http://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](http://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