

EAA 301 - Rocky Mountain Chapter

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

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

Chapter Email Address: chapter301@gmail.com

September Meeting:

"This month's program will be about EAA National's Air Academy, a fully-immersive youth program designed to expose kids to all aspects of the aviation world. Remember, our Chapter offers annual scholarships to attend Air Academy, so if you know someone who might be interested, this would be a good meeting for them to attend."

Date: Fri. September 21, 2018.

Time: 7:00 p.m.

Location: The meeting will be held at the South Metro Fire Rescue Authority Building: 9195 East Mineral Avenue Centennial, CO 80112. The Building is located between Dry Creek and County Line on the West side of I- 25: West of IKEA.



The September 2018 **EAA Chapter Video** will be shown just prior to the general meeting at 6:20 pm.

President's Message by Mike Rettig

As summer of 2018 begins to draw to a close, I sincerely hope yours has been full of breakfast fly-ins, air-camping adventures and time spent burning holes in the sky with friends. For members like me, who are building airplanes, I hope you've achieved some major milestones on your projects, inspired/shared with others and learned even more about these wonderful machines. My RV-10 is coming long nicely, albeit slowly. However, my two kids are now able to climb inside and easily imagine zipping through the clouds one day, as a family. I feel very blessed to be able to do what I am doing, and I hope you do too.

Please keep in mind, that Chapter Office Elections are coming up NEXT MONTH, for the 2019 year! This Chapter is a volunteer organization and it needs energetic volunteers to help it succeed. In order to fulfill a volunteer position, you only need to volunteer. However, in order to fulfill an elected position, you must first be nominated by another member, then voted into office by the membership. The elections will occur during the October Chapter meeting (October 19th), and nominations can be submitted any time before then. If you'd like to be on the ballot, be sure to tell your fellow Chapter

members to nominate you.

At the end of this year, I will have been your Chapter president for 3 ½ years. Jon Banks will have been the Vice President for 2 years. It's time for a change. We will be stepping down in October, and the hope is that a couple of you will be stepping up, to help lead this Chapter into the future. Jon and I will be available, to help initiate and educate the newly elected, as will our very capable Chapter Board of Directors.

"Get involved, stay involved, and be the change you want to see."

Mike Rettig
EAA Rocky Mountain Chapter 301
President

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EAA Chapter 301 August Meeting Minutes

08.17.18 EAA 301 Meeting Agenda

7:01 PM Mike Rettig Brought the meeting to order.

Approval of the Minutes of Previous Meeting:

There was a problem with the previous month's minutes. Alan Bilbro mentioned that the terms of the Board of Directors were incorrect. Changes were then made and the minutes were approved unanimously.

Treasurer's Report: Mike Rettig gave the financial information in Russ' place.

Old Business:

We have Business Cards, so please get them and distribute them.

Please remember that the Chapter's Email, which is answered by the President and/or other officers who have the credentials to log in to it, is chapter301@gmail.com. It's also on the business cards.

If you have any program ideas or speaker suggestions, please let Mike Rettig or Jon Banks know.

Howie Cammack has name tags available for chapter members.

New Business:

Bill Totten was able to "spread the good word of aviation" at the 2018 Warbirds and Classic Car Show at Front Range Airport on Saturday, July 28th by handing out business cards and flyers about our Young Eagles Program. The airport decided, at the last minute, not to charge us for having a presence there. The hope is that this will set precedence for this event in future years.

AirVenture was wonderful this year; especially since so many Chapter 301 members were in attendance (there were over 20 members there). This year marks the 50th Anniversary of our Chapter, so we had special commemorative shirts made up. Some of the shirts were paid for and picked up at

Airventure during our Chapter picture at the Brown Arch, so Mike Rettig presented Russ with a check that represents the money collected in OshKosh. The rest of the shirts are up for grabs on a first come, first served basis. They are available for \$10 each. If we run out and would like to print more for the Chapter, we can take orders and do another run in the future.

Big thanks to all of the people who volunteered to run the Kiddy Hawk simulator at our Chapter booth at KidVenture this year. We averaged about 50 to 60 kids a day for the whole week, and every family went away wearing smiles and talking about flying.

At AirVenture this year, EAA National awarded Ted Lemen a Lifetime Achievement Award. Mike Rettig received the award, on Ted's behalf, and will make sure that it gets delivered to his widow, Cecile.

Chapter Office Elections are coming up in October, for the 2019 year—which is only 2 months away. This Chapter is a volunteer organization and it needs energetic volunteers to help it succeed.

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Bryan Raley mentioned that with all the "50 years" celebrations going on, he received an alumni

EAA Chapter 301 August Meeting Minutes, Cont'd.

magazine from UND related to the 50th anniversary of its flight program—and one point of interest in the magazine was a photo showing the incredibly low cost of gaining a pilot's license in the late 1960s.

Guests & Visitor Introductions:

Phil Wolf, retired from US Airways and is helping his friend with his Waco 9.

Project Milestones:

Tom finally got a spinner for his Midget Mustang—it is made out of carbon fiber and saves about a pound of weight over the original.

Bryan Raley (RV-8) found out that his quick-build fuselage made it to the U.S. from the Philippines, and is now figuring out how to get it here to Denver.

Mike Retting (RV-10) ordered his finishing kit.

Jon Banks (Arrow 4) has his repaired engine on its way.

Lyn Langer (RV-7A) got a trade-in ADS-B receiver and got it installed in his airplane today.

Flight Experiences: None.

Tech Counselor Inspections: None.

Flight Advisor Announcements: None.

Young Eagles Rally Report:

Lyn Langer mentioned that there were 16 or 17 flights at the most recent rally.

Scholarship Report:

Don Shipman reported that a flying scholarship was awarded to a young lady who will be starting soon.

EAA Chapter 301 August Meeting Minutes, Cont'd.

Safety Topic Discussion:

James Taylor spoke about some of the reasons that aircraft incidents happen with seasoned pilots...and showed a presentation about a recent accident he had after he failed to make some effective decisions about his flight.

Stan Spec (Kit Fox) talked about landing his plane after noticing how bad the weather was developing, and his reasoning for his decision.

Program Description – Tonight's presentation was about the Greatest Gathering of Airplanes and Aviators in the World – EAA's AirVenture. We looked at photos taken by Chapter Members, gave trip reports, and answered questions for people who had never been to AirVenture.

7:55 PM - Refreshment Break & "Hangar Flying" Time

8:28 PM - Program Start by Mike Rettig

9:17 PM – Mike Rettig Announced the "Board of Director's Meeting" and "Meeting After the Meeting" (Hooters) & Closed the Meeting

Advertisements

Looking for Hangar Space - Steve Paschke is looking for hangar space other than at KFTG for an Adventurer 333, and also looking for homes at KFTG for an RV-6, Decathlon, Super Viking, a Jabiru and a Mooney. These are all tenants in a hangar at KFTG that Steve is selling, so they will need new homes. Contact Steve at spaschke@mac.com or by phone at 720-236-8717.

For Sale - Sidewalk Fliers Pedal Airplane Business. See original flier in the April and May newsletters for details. Price has been reduced to \$4,000.00. from \$8,800.00 originally Contact Carla Myers for more details if

Advertisements, Cont'd.

interested at 530-949-7426.

For Sale - 2 Bushby Mustang II kits. One kit new—never started, still in crates. The other kit has been started but not completed. These are priced to sell quickly, with an awesome deal for buying both kits. Contact A. Gallegos at 303-840-7183 or flyingg@q.com.

Announcements:

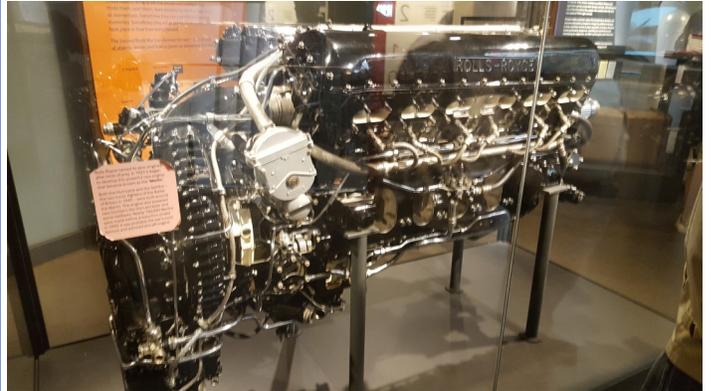
► Anyone knows of someone in need of hangar space please let the chapter officers know. The Chapter hangar may be available for anyone building or in final assembly of their experimental or light sport aircraft.

► Members, please wear your EAA Chapter 301 name tags at every Chapter meeting so we can put names to faces, especially for our newer members. This also makes it easier for newer members to know who you are.

► If there are any changes to your personal information, i.e. phone number, address, spousal unit, also the aircraft you're flying, please let **Russ Grell** know at rgrell@att.net.

► We need some help getting the word out about our wonderful Chapter Scholarship program that affords young men and women the opportunity to obtain scholarships for flight training or attending the EAA Air Academy Program in Oshkosh. If you know of a deserving young person please contact Don Shipman at 303-971-0435 or by email at plmcrze73@q.com so he can start the application process. Note Don's email address has changed.

Photos from Recent Trip to London and France Courtesy Bryan Raley



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

Airmen Transition to Experimental or Unfamiliar Airplanes

AC 90-89A

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

I am always looking for articles, photos, and other information from the members for inclusion in each newsletter. Contact me if you wish to contribute!

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

From the Editor's Cockpit, cont'd.

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.

EAA's Rally Congress website assists you in contacting your state legislators to promote significant legislation like the Pilot's Bill of Rights 2 and other government initiatives of aviation interest. Go to govt.eaa.org to take action.

BasicMed Online Course Renewal Reminder

If you completed your BasicMed requirements from May 2018 through September 2018 please make certain that you have completed your 2 year requirement to renew your on line course completion. This must be done every 2 years by the end of the 24th month since you completed your previous online course certification. You must still pass the course with 80% or better and print out and retain your completion certificate.

Unless you experience any significant changes that requires more frequent interaction with your participating physician or a disqualifying condition as described by the FAA and part 68 Federal Aviation Regulations, your medical exam only needs to be renewed every 4 years.

So stay medically current under BasicMed, and visit the link for the course on AOPA's website at

<https://basicmedicalcourse.aopa.org/client/app.html#/auth/logon>

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

2018 Young Eagle Rally Tentative Schedule

If you wish to participate in the Young Eagles Rallies contact Rudy Kniese by email at crkniese@gmail.com, or by phone per the info at the end of the newsletter or in the membership roster.

2018 Schedule

Total bookings:	2018	489
Month	Days	# of YE's
January	26,27	50
February	23,24	57
March	23,24	51
April	27,28	53
May	25, June 2nd	46
June	22,23	37
July	27, Aug 4th	50
August	24,25	51
September	28,29	50
October	26,27	44
November	off	0
December	Off	0

EAA Chapter 301 Young Eagle Rally at KFTG Airport on August 25, 2018



EAA Chapter 301 Young Eagle Rally at KFTG Airport on August 25, 2018, cont'd.



Chapter Tools

Mel Kuethe is our tool custodian with assistance from Howie Cammack. Mel's phone number is 303-794-3930. If Mel cannot be reached, please see or contact Howie Cammack at (303) 794-3608 and he can get you what you need.

Scales

- Aircraft Spruce type
- Electronic/strain gauge type
- (7) - 50 LB cast iron slugs for calibration

Fire Wall Forward

- Oil filter cutter
- Tubing beadings: 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>

First Flight Video: <http://bcove.me/s50u0x73>

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.

2018 Membership Enrollment Information

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

Date: ___/___/___

Annual Dues for 2018 \$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 Russ Grell
9961 S. Prairie Falcon Lane
Highlands Ranch, CO 80130*

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 2018?

- | | |
|--|-------------------------------|
| 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 2017 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

Bryan Raley, Newsletter Editor
432 W Euclid Ave
Littleton, CO 80120
editor@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. Current location is: **South Metro Fire Rescue Authority Building: 9195 East Mineral Avenue Centennial, CO 80112. The Building is located between Dry Creek and County Line on the West side of I-25: West of IKEA. In the board room directly to the left as you walk in the main entrance.**

Current Officers:

President: Mike Rettig (720) 933-3452
Vice-president: Jon Banks (720) 643-6872
Secretary: John Wanberg (303) 352-4274
Treasurer: Russ Grell (303) 791-3528

Board of Directors:

Mike Rettig (720) 933-3452 - Chairman
Pat Diamond (303) 886-9122 - 2019
Allen Billbro (303) 653-6442 - 2018
Chuck Spaur (720) 934-3427 - 2019
Russ Grell (303) 791-3528 - 2018

Technical Counselors:

Jim Elliott (303) 725-4279
John Linz (303) 771-0685
Patrick Townsend (515) 371-8138

Volunteer Officers:

Librarian: Russ Grell (303) 791-3528
Tool Custodian: Mel Kuethe (303) 359-6976
Hangar Custodian: Tom Fisher (303) 349-8424
Newsletter Editor: Bryan Raley (303) 347-8124
Name Tags: Howie Cammack (303) 794-3608
Safety: Bryan Raley (303) 347-8124

Refreshment Chairman:

John Tedder (303) 663-7851

Flight Advisor:

Vacant (James Taylor pending EAA dsgrntn)

Webmaster:

Scott Barkley (720) 233-7101

Young Eagle Coordinator:

Rudy Kniese (303) 549-7944

Scholarship Committee:

Don Shipman (303) 971-0435 - Chairman
Patrick Fogarty (303) 841-5792
Dagmar Kress (303) 887-4473