

July Meeting:

Dave Gianakos, retired airline pilot and Warbird enthusiast, will give his presentation on the Air Scouting Forces of World War II.

Date: Fri. July 20, 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.

Inside this issue:

| | |
|-------------------------------|------------|
| President's Message | 1 |
| Meeting Minutes | 1-3 |
| Gone West | 3-4 |
| Ads/Announcements | 4 |
| Scholarship Awards | 5 |
| Editor's Cckpit | 6 |
| Events Calendar/EAB | 7 |
| DARS and YE Schedule | 8 |
| YE Rally Photos | 9 |
| Tools/Popular Websites | 10 |
| Membership App | 11 |
| Chapter Information | 12 |

EAA 301 - Rocky Mountain ChapterWeb: <http://www.eaa301.org>Facebook: <https://www.facebook.com/EAA301/>

Chapter Email Address: chapter301@gmail.com



EAA Airventure Alert! There are only 6 days, 11 hours and 57 minutes until Airventure 2018. Have you read the NOTAM and finalized your plans?

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

President's Message by Mike Rettig

Members,

I want to give a big thank you to Jerry Knievel, Rudy Kniest, Denis Walsh and everyone else who worked so hard to make our Summer BBQ happen last month. It was well-attended and a great success. If you have pictures from that event, please email them to Bryan Raley, our Chapter Newsletter editor, so the rest of us can see them.

On behalf of Cecile Lemen, Ted's widow, and the rest of Ted's family, I want to thank you for the kind words, funny stories and much-needed hugs. I was recently notified by EAA National Headquarters that Ted Lemen has been chosen to receive the EAA Lifetime Achievement Award, a tremendous honor that is rarely given. The award will be presented at Airventure, in Oshkosh, WI, at the EAA Leadership Breakfast Banquet, located in the Founders Wing of the EAA Museum, on Saturday, July 28th, at 8am. I will be in attendance, amongst others, to receive this award on behalf of Ted and his family. If you are at Airventure and wish to attend, I'm sure you would not be turned away.

We have over twenty Chapter 301 Members going to Airventure this year, which is great, considering that 2018 marks our Chapter's 50th Anniversary. We plan to meet at the Brown Arch on Wednesday, July 25th at 8:15am, sharp, in order to have a Chapter

picture taken. We've had custom T-shirts made up for this event that are royal blue in color and look great! In order to ensure we had them in time for Airventure, only the people who are going were provided the chance to order shirts. However, when we get back, we should have extras available for \$10/shirt and/or could place another order, if there's enough interest from the Chapter. Be sure to thank Chuck Spaur the next time you see him, for putting the order together.

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

Mike Rettig

EAA Rocky Mountain Chapter 301 President

EAA Chapter 301 June Meeting Minutes**06.15.18 EAA 301 Meeting Agenda**

7:00 PM - Mike Rettig brought the meeting to order and welcomed everyone

Approval of the Previous Meeting's Minutes of Previous Meeting: The minutes were approved unanimously.

Treasurer's Report: Russ Grell discussed all

EAA Chapter 301 June Meeting Minutes, Cont'd.

the current financial information. It was riveting.

Old Business:

John Wanberg, our Chapter Secretary, is writing a new book about composites and is looking for anyone doing small composite projects to include in his book. Please contact him if you are interested in showcasing your project.

The 2018 Warbirds and Classic Car Show will be at Front Range on Saturday, July 28th. We'll have a booth at the event, to promote our Chapter and its Young Eagles Program. Volunteers should contact Bill Totten directly.

A flyer has been created, highlighting our YE Program, for volunteers to hand out at the booth.

We have Business Cards, so please get them and help distribute them (by stapling them to one of your aircraft magazines and leaving it at your doctor's office or other appropriate location).

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.

Passing on Ted Lemen's Duties:

[Hangar Custodian](#) – Tom Fisher volunteered for this last month. The hangar is now being cleaned out.

[Chapter Board of Directors Position \(Expires 2020\)](#) – Pat Diamond was nominated.

[Kitty Hawk Committee Chairman and Volunteer Crew](#) – Bill Marcy (Kitty Hawk Chairman) and Rich Clemens have secured a shade tent spot at KidVenture this year for the Kitty Hawk to operate. They will be looking for volunteers to help share the duties of running it during the week, from 9am to 2:30PM.

[Tech Counselor and Flight Advisor Spots](#) – James Taylor volunteered to undertake becoming a Flight Advisor. We still could use more Tech Counselors and Flight Advisors.

Honoring Ted Lemen:

[EAA National](#) – Ted has been nominated for an

EAA National Major Award and will be included in the "Gone West" section of the next issue of Sport Aviation.

[Airventure Memorial Plaque](#) – Unfortunately, we missed the deadline to get Ted a Memorial Plaque to be placed on the wall at AirVenture 2018. The membership unanimously voted to apply for a Memorial Plaque for Ted for AirVenture 2019.

[Ted's Remains](#) – Ted's family has asked that his ashes be scattered, by airplane, over the Rocky Mountains. Cecile, Ted's widow, has found a volunteer pilot to do the drop.

[Annual Summer Picnic](#) – Jerry Knievel, Summer Picnic Chairman, with the help of Rudy, Walt and several others, has managed to pull off the organization of this event. Thanks to all those who volunteered to help out with the even on Sunday, June 17th, starting at 11:30am.

If you have any program ideas or speaker suggestions, please let our Chapter Vice President, Jon Banks, know.

New Business:

[Board of Directors Nominations](#): Pat Diamond was nominated last month. The membership voted unanimously to accept the nomination.

AirVenture 2018 is coming up next month. EAA National will be taking its annual Aerial Photo of all the Chapters that show up. This usually happens on Wednesday morning at 8am. Please let Bryan Raley know if you will be at AirVenture and what dates you will be there. We'd like to get everyone together in this photo, behind our Chapter Banner, so please come over and join in that day.

It was mentioned that the website is not functioning correctly. We will probably need to see if our current web master is still working in that capacity.

If you know of anybody building a Cozy III or IV, we have a member who is looking to help them build.

Guests & Visitor Introductions:

Ted Grash is new to the area, has flown with Aspen Flying club and flies to Pennsylvania occasionally. He wants to get involved with people who like to fly.

Corby (Lyn Langer's friend) came by to see our meeting.

Project Milestones:

EAA Chapter 301 June Meeting Minutes, Cont'd.

Steve Paschke has been working on his Adventure 323 and it is getting close to being done. He finished the tail and control surfaces, and is now working on the side windows.

John Tedder (RV-7) just passed his 40 hour threshold on his plane!

Jon Banks (Turbo Aero4) put a new door seal in, and now he can see how far out of alignment the door is.

Lyn Langer (RV-7A) has 42.7 hours and is in the process of working on his ELT. He will have his 3rd annual soon.

Mike Rettig (RV-10) is working on the fiberglass top for his plane. He doesn't like the itchiness of the fiberglass.

Bryan Raley (RV-8) has his quick build fuselage coming on a slow boat from the Philippines right now.

Flight Experiences:

Carson went flying with Bryan Raley.

Megan will be doing her solo flight in 3 days. She's "super-excited".

Tech Counselor Inspections:

None.

Flight Advisor Announcements:

None.

Young Eagles Rally Report:

We had 8 pilots and 32 missions at the last Young Eagles rally.

Scholarship Report:

Don Shipman reported that Miriam Salyiu, a student at Southern Illinois University, received a scholarship and will be getting her license through Front Range airport. There are still two more applications pending for AirVenture next year.

Safety Topic Discussion:

Bryan Raley talked about passenger briefings and the

EAA Chapter 301 June Meeting Minutes, Cont'd.

importance of easing their fears prior to flying to help them have a more enjoyable experience. Russ Grell said it can be helpful to have the passengers actually practice an emergency exit, too.

Program Description – Mike Rettig introduced Brent Olsen who would be doing the presentation.

7:42 PM - Refreshment Break & "Hangar Flying" Time

8:13 PM - Program Start: Brent Olsen gave us a presentation on "Aircraft Electrical Systems Design". Brent is a licensed PE - Electrical with a Master Degree in Engineering Management from UC Boulder and a BSEE from U of Wyoming. He served in the USAF as an Avionics Communications Specialist working on SAC Aircraft like B-52s and KC-135s. He was a Naval Air Reserve Officer at an Aeronautical Engineering Duty Office and is also an FAA DER - Electrical Systems and Equipment. He started his engineering career as an Avionics Design Engineer at Texas Instruments, currently lives in Loveland, CO and flies a RANS S6-ES that he built, out of Vance Brand Airport.

9:01 PM – Mike Rettig closed the meeting

Members that have Gone West Respects to Don Smith and John Schneider

It has been a rough couple of months dealing with the loss of several Chapter members that have contributed so much of their time and experience for the benefit of all of us. This month we need to continue to pay respects and honor two more gentlemen whom have also recently Gone West to bluer skies and fairer winds: Don Smith and John Schneider. Both Don and John were battling illnesses that sadly overcame both of them recently.

Both Don and John were very active Young Eagle ground team volunteers. Don Shipman shared a story with me about how the wait staff at the restaurant at KFTG would sometimes get their lunch orders confused since they had the same initials. John was also one of the initial committee members to help start the Chapter scholarship program. Please enjoy the photos of both gentlemen on the next page, and special thanks to Russ Grell for locating them from the chapter archives.

Don Smith Remembered



John Schneider Remembered



Advertisements

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 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.

For Sale - Cleaning out the hanger: Bolts and nuts along with many kinds of hardware. Please call Jesse Wright at 720-434 3987 about specific needs you may have while building your project

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.

EAA Chapter 301 Scholarship Recipients at the June Chapter Meeting

Chapter 301 Scholarship Program recipient Mariam Salyiu attended last month's Chapter meeting and is the latest recipient of a certificate for the Flight Training scholarship, presented by Scholarship Committee Chairman Don Shipman.

Congratulations Mariam!



Now THAT's a Propellor!



Vans Aircraft Service Bulletins

There are several recent Service Bulletins for the Van's RV-10 and RV-12 aircraft. Please check the Van's Aircraft website at <http://www.vansaircraft.com/public/service.htm>

and make certain you comply with each bulletin as required if you are building or flying either of these aircraft models.

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/>(EA A 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.

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.

2018 Aero Events Planning Calendar

Provided courtesy of the late Don Smith/Chapter 43.

2018 EVENTS

JULY

- Fri 20 EAA Chapter 301 Membership meeting, 7:00 p.m.
23-29 EAA AirVenture Oshkosh 2018
 *Sat 28 Warbird Auto Classic, KFTG, 8:00AM – 2:00PM

AUGUST

- Sat 4 *EAA Chapter 301 Young Eagles Rally, FTG 7:45 a.m.*
* Sat 4 **Rocky Mountain Air & Ground Festival, KBJC, 8 AM – 3 PM**
<https://www.jeffco.us/755/Airport>
 Sat 11 Erie Air Fair, KEIK, 10 a.m. – 4 p.m.
<http://erieairfair.com/>
 Sat 11 Hops in the Hangar, Wings over the Rockies Museum, 5:00 p.m. – 9:00 p.m. (T)
<http://wingsmuseum.org/hops/>
 Sat 11 EAA Chapter 43 Membership meeting, BJC, 7:00 p.m.
 Fri 17 EAA Chapter 301 Membership meeting, 7:00 p.m.
 Sat 18 EAA Chapter 43 Young Eagles Rally, EIK, 7:30 a.m.
 Sat 25 *EAA Chapter 301 Young Eagles Rally, FTG 7:45 a.m.*

*Recent Changee

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)

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. The next rally is spilt to account for those that will be at Airventure 2018, with ground school occurring on July 27, 2018, and the rally occurring on August 4, 2018. Mark your calendars and let Rudy know if you can participate!

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 June 23, 2018



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 beaders: 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.cleavelandtool.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

Are you a:

Technical Counselor Yes No

Scholarship donations are tax deductible.

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: _____

Expertise: _____

Cell Phone: _____

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 <input type="checkbox"/> No <input type="checkbox"/> |
| Arrange, Or Be, The Program For One of Our Meetings? | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Host a Chapter Meeting at Your Project? | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Work as a Volunteer for 2017 Builders Workshop (if there is one)? | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Participate in Young Eagles Functions, Either as Pilot or Volunteer? | Pilot Yes <input type="checkbox"/> No <input type="checkbox"/> Ground Crew Yes <input type="checkbox"/> No <input type="checkbox"/> |

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

Technical Counselors:

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

Refreshment Chairman:

John Tedder (303) 663-7851

Flight Advisor:

Vacant (James Taylor pending EAA dsgnntn)

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

Board of Directors:

Mike Rettig (720) 933-3452- Chairman
Pat Diamond (303) 886-9122- 2020
Allen Billbro (303) 653-6442- 2019
Chuck Spaur (720) 934-3427 - 2018
Russ Grell (303) 791-3528 - 2019

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