

EAA 301 - Rocky Mountain Chapter

February Meeting:

Scott says,

"Kas Osterbuhr will be presenting at the February meeting. Kas is an aviation expert with an interest in accident reconstruction and data visualization. He is a CFI and A&P mechanic, and SportAir electrical wiring class instructor. His most recent work is in reconstructing the Flight 1549 Hudson River accident."

- **Date:** Fri., Feb. 19th
- **Time:** 7:00 p.m.
- **Location:** The meeting will be held at the Parker Fire Station #75 (5), 16801 Northgate Dr., Parker, CO. The station sits on the corner of Keystone and Northgate, is just west of Jordan Rd. and a few blocks north of Lincoln Ave.

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President's Page

February 17th, 2010

Well, January's Banquet was fantastic! Thanks to all who helped out and to Brian North for doing the ground pounding and making it possible for us to have a place with great food. It was really great to see the turn-out of our members and so many of the wives and significant others that came to enjoy. We certainly had a great time.

We have already received input from a chapter member on a place for the next annual banquet. Hopefully, you have seen the email. We are asking for your preference on the time (lunch for brunch or

dinner) and which day would work. Please check on that and get some input back, so we can reserve before it's too late.

OK, on to building aircraft - where we all seem to focus. Here we have a new year with lots of projects completed and nearly as many in process. What a great thing to be involved with. There are so many things to do on an airplane project, that if you don't like one of them, just wait. Keep on trucking and you'll be on the next item soon. That next item might be exactly what you love doing. If not, keep on trucking. You will get there; it's just a matter of time.

by Jim Elliott

Then you can do what we all love to do; fly it! The ultimate object is to complete your project and go flying. Whenever you are discouraged, just head out to the airport and hang around with the others that have finished their projects. Besides, there are lots of folks that have been where you might be and if you have run into a difficult thing to complete; these folks can give you some valuable tips in what you might do to complete your task at hand - with less trouble.

We meet once a month to

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EAA Chapter 301 Meeting Minutes

December 18, 2009

President **Jim Elliott** called the meeting to order at 7 p.m.

Visitors:

Tex Arnold has been in EAA for 30 yrs. and plans to build a Newport 28 Aerodrome.

Terry Livingston

The minutes of the previous meeting were approved as published in the Newsletter.

Financial Report:

Treasurer **Russ Grell** reported that we are solvent. He noted the chapter sent a plant to **Nancy Kniese**, who was in the hospital.

Tech Counselors:

No reports.

Flight Advisor:

Ted Lemen reported that **Jack Buschmann** almost flew his RV-7A, but the wind came up just before flight.

Progress Reports:

John Schneider flew his Protec PT-2 for the first time on 12/4/09 at FTG. He is looking for another wood prop (72/44 pitch).

Randall Eaker and **Russ Grell** ordered their finishing kits for their RV-7A and RV-9A, respectively.

Bryan Raley has the hori-

zontal stabilizer ready for his RV-8.

Steve Wyman powered up his RV-12's electrical system, which worked as advertised. His dual trim switch is presenting a challenge, however.

Don Smith is working on his Rans S-19 at KEIK, and reports he mated the front and center fuselage, with work continuing on the forward section.

Frank Niehus had a vinyl trim design applied over white paint on his RV-7A. He's quite pleased with the result, and mentioned that it would probably cost about \$5K if he'd had to pay retail (nice to have a friend/family member in the business!).

Pete Vinton is dressing up his RV-8 with an IO-375 Lyc. with high compression pistons, airfoil-shaped Grove gear, and a Dynon Skyview with synthetic vision. Should be quite the craft, Pete!

Ted Lemen is doing some kind of strange annual on his Luscombe. (Yes, but the aboriginal head dress is a nice touch. Ed.)

Flight Reports:

Roger Stout flew his Highlander from Front Range to Everett Field.

Don Shipman flew with a gaggle of light sport aircraft from Erie to Greeley for a \$100 hamburger.

Announcements:

► The membership is encouraged share articles, personal experiences, pictures, etc. – related to aviation – to be used in the newsletter. Ed.

► If anyone is having a problem accessing the web site, contact Treasurer and computer guru **Russ Grell** (303-791-3528) and he will change your password to whatever you need. Right now, for the new folks, the *User ID* is: **firstname.lastname** and the *Password* (that should be changed at the first sign-in), is in the e-mail you get automatically from the web site.

► **If you have not, check out the Web site at www.eaa301.org. Thanks to Scott Wiseman.**

Young Eagles:

Rudy Kniese was not in attendance, so no report was given.

Old Business:

The chapter's **Annual Founder's Dinner** is scheduled for **January 15** at the **Hickory House** in Parker at 7 p.m. Members will pay \$16 per person. The remainder will be paid by the chapter (total \$26 includes meal, tax and gratuity).

A motion was made, seconded and approved to

give the **flight simulator** that was donated to the chapter, including the latest Microsoft software, to **Gilbert Wheeler's** youth group. It is called **B.U.G. (Bring up Your Grades)**.

Dwight Hapeman reported that he has received 16 returns for the **skills inventory** he is compiling for the chapter.

Election of 2010 Officers. We still need members to come forward and serve as **Vice President** and **Secretary** for the new year. Otherwise, **all the other officers**

(Continued on page 5 as needed.)

President's Page Continued

(Continued from page 1)

discuss progress of member's projects, which allows open discussion on project challenges and success. This provides excellent learning transfer from individuals faced with concerns on the best or most practical methods to accomplish a task, or set of tasks. Others that have already been there and done that, provide input as to what they did to complete the task at hand.

Now most of you are or have already built aircraft that were plans or kits. What about when you want to design your own aircraft from scratch? This is an area we in the "Experimental" aircraft arena should be totally familiar with. However, we have been so blessed by the predecessors in our focus groups, that we just buy the plans - which tells us in extreme detail - every part we need and every step we will be taking to get where we want

to be - a completed, flyable aircraft.

What about when there are no plans or kits available for what we would like to build? There are significant similar projects, but there is no exact match to what you have in mind. Well, then, you need to work with a design team and do the engineering to make a plan. If you are already an aircraft designer, you might be able to layout your project from scratch and have something no one else has. Wouldn't that be great? Hope you're having fun no matter where your background is. Aircraft building is an exciting, challenging and rewarding process!

The possibilities are great. The time is great. The group is great. Happy Building and Flying!

Jim Elliott

Below: The new 747 fence integrity tester.....or, the new meaning of "close". Ed.



Chapter Tools

Mel Kuethe is our tool custodian. Give him a call at 303-794-3930 for your tool needs.

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)

Airframe

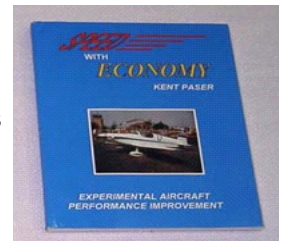
- Nicopress sleeve tool 53XPJ with gauge
- Nicopress sleeve tool 64CGMP without gauge
- De-burring tool
- Hole flanger - sheet metal
- Electrical connector squeezers
- Panel knock-out punches
- Rivet squeezer - w/two new die sets
- Torque wrenches (2), (large and small)
- Hose clamp pliers
- Tubular rivet set for 1/8" rivets
- Drill guide for drilling cotter pin holes through bolts

Events for 2010:

(To view all EAA events go to:
<http://www.eaa.org:80/calendar/>)

For Sale:

Speed with Economy – Kent Paser's book on speed mods. Covers 20 years of modifications to his Mustang II resulting in a 64 MPH speed increase while reducing fuel consumption by 50% at cruise. This book has won acclaim from EAA's Jack Cox and Ben Owen, Tony Bingelis, author of several aviation how-to-do-it books, and Bob Bushby, designer of the Mustang II. Price is \$24.95 plus tax and shipping. Available at Chapter 301 meetings or call 303-904-3417 or e-mail paserpubs@mindspring.com to place your order.



KEN AERO Supplies

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Now located at Platte Valley Airpark

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Fax: 303-536-9941

(This advertisement made possible by a donation to EAA 301.)

Advertisements

Hangar space: John Barrett would like to find someone to share his hangar space with his J-3 at Tri-County for approximately \$110.00/month. Smaller low-wings work the best, but he will consider others. Contact John at: 303-934-1332 (Ext. 31); Fax: 303-934-5756; Email: john.barrett@lwbarrett.com

Looking for partner: ½ share in almost complete Mustang 2 project. Mazda 13b Rotary engine, 2.85:1 redrive, redundant ECU, electronic engine monitor, 250XL GPS/comm, etc. Project at 'finishing' stage – hope to be flying by fall. Based at 00V (Meadow Lake – north east of COS. Could relocate to APA or Front Range). Contact: Mark Supinski (mark@supinski.net).

C: 720-272-5563

H: 303-841-2994

POLY-FIBER HAS NEW FABRICS: Heavy-3 and Medium-3 Dacron that now shrink the same in both directions are now available. Also, Ranthane, a high solids polyurethane finish paint is now usable under the Poly-Fiber STC as well as Aerothane and Polytone. These products are available through Colorado Classic Aircraft.

Colorado Classic Aircraft in Longmont Colorado (www.coloradoclassicaircraft.com) has been a stocking distributor of Poly Fiber covering materials since 2002 and is now providing fabric covering and painting services. Owner Carol Leyner was Director of the Rocky Mtn. Fly-In for many years and has been a participant at the Montana Aviation Conference presenting Fabric Covering Seminars for the AI refresher courses. We have recently completed recovering a KCAB Citabria after replacing the wood spars with aluminum spars. cca@hughes.net or toll free at 1-888-600-5222.

For sale: Lycoming O-235 C2C, Logs, Receipts, yellow tags. OS-MOH by Ron Denight. Contact: Darl Cinquanta – (303) 423-9846

Partners wanted: 2 or 3 partners for a flying RV7/7A or 8/8A. Based at Front Range airport. Call Bob Spry, 239-437-9146.

and board members from 2009 were re-elected for

(Minutes cont'd from page 2.)

2010.

New Business:

Gilbert Wheeler reported on his **B.U.G.** youth group activities. He requested chapter pilots to volunteer to fly the kids, as well as to help the group build a Stewart Mustang, an RV-6, and T-18 that have been donated to the group.

Break:

Refreshments provided by Tedder Enterprises.

Program:

Numerous aviation-related videos were shared with the group.

Meeting Adjourned.

Respectfully submitted by **Stan Specht**

Secretary EAA Chapter 301

Tired of the cramped space in his current aircraft, Stan Specht has released a picture of his new project. Donations for fuel may be made at: poorhouseplane.com. Ed.





EAA 301 - Rocky Mountain Chapter
www.eaa301.org

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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: **Parker Fire Station #75 (5), 16801 Northgate Dr., Parker, CO. The station sits on the corner of Keystone and Northgate and is just west of Jordan Rd. and a few blocks north of Lincoln Ave.**

Current Officers:

President: Jim Elliott (303-840-2199)
Vice-president: Scott Wiseman (720-427-5037)
Secretary: Stan Specht (303-232-8474)
Treasurer: Russ Grell (303-791-3528)

Board of Directors:

Jim Elliott (303-840-2199)
Ted Lemen (303-985-3684)
Lynn Schwankl (303-431-0270)
Mark Brown (303-797-3515)
Denis Walsh (303-756-6543)

Technical Counselors:

Bill Marcy (303-798-6086)
Kent Paser (303-904-3417)
Terry Sickler (303-816-2090)
John Linz (303-771-0685)
Brian North (303-805-9428)

Volunteer Officers:

Librarian: Jack Bongberg (303-671-6095)
Tool Custodian: Mel Kuethe (303-794-3930)
Newsletter Editor: Lynn Schwankl (303-431-0270)

Refreshment Chairman: John Tedder (303-663-7851)

Flight Advisor

Ted Lemen (303-985-3684)

Webmaster

Scott Wiseman (720-427-5037)

Young Eagles Leader

Rudy Kniese (303-841-7180)