

# EAA 301 - Rocky Mountain Chapter

## January Meeting:

### Scott says,

“Craig Wolf, Lieutenant Colonel in the Colorado Air National Guard, will be the guest speaker this month. He'll present about flying the F-16 for the 120th Fighter Squadron and his deployment to Iraq.”

- **Date:** Fri., Jan. 16th
- **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.



## President's Page

January, 13<sup>th</sup> 2009

Alright, here we go again! Another year and another set of resolutions. How did last year's resolutions go for you? I think mine went out the door somewhere and everything seemed to go backwards. Oh well, so be it. Now here I am at square one again. Being here actually lets me get a different perspective on things. I'm doing what I love to do in the world of aircraft construction. That is, I'm building high-tech panels and wiring and installing the avionics, and electrical systems which make up *Flight For Life* helicopters.

It is serious business and

business is what it is. There is definitely a difference between building aircraft in the production mode and building aircraft in the custom mode. In the production world there is no luxury of "What if?". The layouts and the arrangements and the details are already devised. Having it all done for you takes out the creativity that is seen in the world of Experimental Aircraft!

Now I know exactly why the person who decided to build their own airplane does just that! It all revolves around the ability of that person to think and act creatively! If you buy an airplane instead of building it, there is very little of the creativity involved. Anyone

## Jim Elliott

who has made the decision to build their own airplane has already been thinking "Out of the Box"! All possible options are tossed about and carefully considered prior to the purchase of a kit. It is part of the joy of doing your own!

Who in their right mind would actually build an airplane? Why, that is more of an undertaking than building your own car. Years ago there was a real frenzy over building your own Kit Car. Several magazines were dedicated to it and hundreds of car kits came on line, but the

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**Reminder:**  
**Founder's Potluck**  
**Sunday, Jan. 18th**  
**at the Fire Station!**

## EAA Chapter 301 Meeting Minutes

**December 19, 2008** how well he was treated and the things he said and did.

Called to order at 19:00 hours: President **Jim Elliott**.  
No guests.

Meeting Minutes: October, 2008 approved by voice vote.

Treasurer's Report: **Russ Grell**

Verbal report, the Chapter remains solvent. Dues for 2009 are being accepted.

Technical Advisor's Report:  
None.

Flight Advisor's Report:  
None.

Progress Reports: Members related their progress on aircraft construction. The RV's are coming along fine.

Flight Reports:

John had a weather stop over in Lamar and had nothing but kudos for the FBO. They treated him great to include a courtesy car to Denver and back. A good place to stop and visit.

Ken had returned from a 2-month flying tour of South America. He commented on

Young Eagles Report: **Rudy Kniese** summarized the events of the year.

Old Business:

Banner System for Chapter Events.

Donation to EAA Museum.

Web page up-date by **Scott Wiseman**.

The Secretary position is still vacant for 2009.

New Business:

Pot Luck Dinner scheduled for January 18, 2009, at the Fire House meeting location.

Safety Report: **Jerry**

**Kniesel** spoke on the dangers of icing – not only on the airplane in flight, but while on runway surface, too.

FAA licenses are being upgraded to a plastic card. Check faa.org for details.

15 minute Break

Program: Aircraft Sales and Use Taxes

Meeting Adjourned.

Submitted by:

**Jack Bongberg**

### 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.

## President's Page Continued

(Continued from page 1)

movement to build your own car slowly withered. I thought it was great and would have liked to build my own, but just didn't get to it. Now the kit I had interest in isn't available in any form. However, take the aircraft kits. They have gotten more sophisticated and constantly improved.

An airplane is unlike a car. No matter how you cut it, the options for aircraft in the Experimental world are endless. A kit car is very limited for creative application, but a kit aircraft can have just basic flight instrumentation, to a level of sophistication equivalent to the most complex jet airliner. There are multitudes of systems and instrumentation equipment that can be arranged in many ways. How the layouts are fashioned are up to the imagination – with a few restrictions for structural requirements. But, it becomes the builder's passion in just how that will be done.

All of this with the ultimate outcome of having a machine that will surely break the bonds of earth and allow the efforts of the imagination to take fruit in flight. The rewards are as priceless, as time has always suggested. The dreamers of the past had ideas of penetrating the depths of the wild blue yonder and until just a short time ago, they didn't make it, because the recipe for success had not been fully determined. Now that the formula is known, all that is required is for the dreamer to put into action the thoughts. Then, the thoughts become work and the work becomes reality!

**Remember**, our meeting this month will be at the Parker Fire station #75 (#5 on the address stone). See the web site {[www.eaa301.org](http://www.eaa301.org)} for specific address. This month is also our **"Founders Pot Luck"**. We are having the Pot Luck on the Sunday following the normal Friday meeting at the same location we now use for our

meetings. It will be **Sunday the 18<sup>th</sup> at 5 PM**, at the Parker Fire station #75. Be there, it is always a great time and we hand out the chapter awards at that time.

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

*Jim Elliott*

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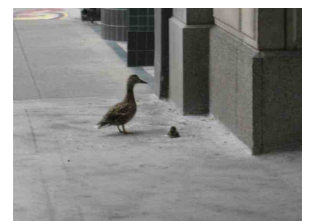
**Below and on page 5 is an aviator story of a different color – forwarded by Russ Grell. This comes from Russ' soft, fluffy side. Hey, don't get "down" on him! This story is really a "quack-up." Ed.**

**Something really cute happened in downtown San Antonio this week. Michael R. is now an accounting clerk at Frost Bank and works downtown in a second story office building. Several weeks ago, he watched a mother duck choose the concrete awning outside his window as the unlikely place to build a nest above the sidewalk.**

**The mallard laid ten eggs in a nest in the corner of the planter that is perched over 10 feet in the air. She dutifully kept the eggs warm for weeks, and Monday afternoon all of her ten ducklings hatched.**

**Michael worried all night how the mother duck was going to get those babies safely off their perch in a busy, downtown urban environment to take to water, which typically happens in the first 48 hours of a duck hatching. Tuesday morning, Michael watched the mother duck encourage her babies to the edge of the perch with the intent to show them how to jump off!**

**The mother flew down below and started quacking to her babies above. In his disbelief Michael watched as the first fuzzy newborn toddled to the edge and astonishingly leapt into thin air, crashing onto the cement below. Michael couldn't stand to watch this risky effort. He dashed out of his office and ran down the stairs to the sidewalk where the first obedient duckling was stuporing near its mother from the near fatal fall.**



(cont'd on pg. 5)

### 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 2008:

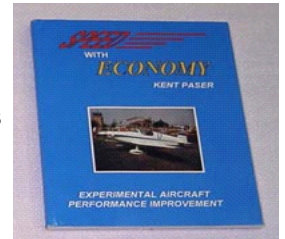
- To view all EAA events go to:

<http://www.eaa.org:80/calendar/>

**(Have a favorite? Let me know. Ed.)**

#### **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](mailto:paserpubs@mindspring.com) to place your order.



## **KEN AERO Supplies**

**AN-MS Hardware • Hose & Tube Fittings • Aircraft Supplies**  
**Now located at Platte Valley Airpark**

**Tel: 303-536-4978**

**Fax: 303-536-9941**

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

## EAA Chapter 301 Meeting Minutes – cont'd as needed.

### 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](http://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](mailto:cca@hughes.net) or toll free at 1-888-600-5222.

As the second one took the plunge, Michael jumped forward and caught it with his bare hands before it hit the concrete. Safe and sound, he set it by the mother and the other stunned sibling, still recovering from its painful leap.



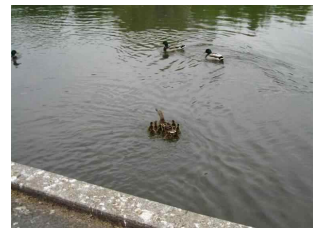
One by one the babies continued to jump. Each time Michael hid under the awning just to reach out in the nick of time as the duckling made its free fall. The downtown sidewalk came to a standstill. Time after time, Michael was able to catch the remaining 8 and set them by their approving mother.



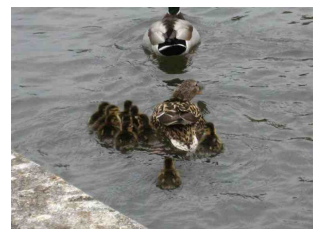
At this point Michael realized the duck family had only made part of its dangerous journey. They had 2 full blocks to walk across traffic, crosswalks, curbs, and pedestrians to get to the closest open water, the San Antonio River.



The onlooking office secretaries and several San Antonio police officers joined in. They brought an empty copy paper box to collect the babies. They carefully corralled them, with the mother's approval, and loaded them in the container. Michael held the box low enough for the mom to see her brood. He then slowly navigated through the downtown streets toward the San Antonio River. The mother waddled behind and kept her babies in sight.



As they reached the river, the mother took over and passed him, jumping into the river and quacking loudly. At the water's edge, he tipped the box and helped shepherd the babies toward the water and to their mother after their adventurous ride.



All ten ducklings safely made it into the water and paddled up to mother. Michael said the mom swam in circles, looking back toward the beaming bank bookkeeper, and proudly quacking.





*EAA 301 - Rocky Mountain Chapter*  
*www.eaa301.org*

Lynn R. Schwankl, Newsletter Editor  
3440 Youngfield St., #255  
Wheat Ridge, CO 80033-5245  
editor@eaa301.org

## First Class

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## **Chapter Mission:**

### **To Promote and Encourage the Restoration, Construction, and Safe Operation of Sport Aircraft.**

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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: Jack Bongberg (303-671-6095)  
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)

#### **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**

#### **Young Eagles Leader**

Rudy Kniese (303-841-7180)