

# EAA 301 - Rocky Mountain Chapter

## March Meeting:

### Scott says,

“Denver now has a 16,000 sq. ft. open access workshop for prototyping, electronics, woodworking and metalwork. The facility is packed with equipment – including Engine Lathe, CNC Milling Machines, MIG/TIG welders, rapid prototyping machine, laser engraver, and much more. Steve Garran and Mike Kiehl will join us from Club Workshop to go into more detail about their facility, membership, and skill building classes.”

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- **Date:** Fri., April 17th
- **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

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

It is already the second quarter of 2009. Just around the corner is summer and the big get-together called "OSHKOSH". Are you planning to head to Wisconsin this year and be part of the excitement? If you're not able to make OSH, then you might consider going to the EAA web site, scroll down and on the left is an event finder. There are still 1026 other events within a 2000 mile range that you might look through and schedule some time to make the trip.

If your project is not going to be finished in time and you have a vehicle to

reach out less than 100 miles (you might consider going with someone whose plane is finished), then there are 7 events in our area through the rest of this year. These are actually less than 50 miles from Parker: Saturday April 18<sup>th</sup> EAA Chapter 43 is having an event; Wednesday May 27<sup>th</sup> the Air Force will be demonstrating the Thunderbirds at the Academy; June 3-9 the EAA B-17 will be in Denver; June 13 and 14 the Blue Angels will be in Denver; June 20<sup>th</sup> the JAA will be in Broomfield; August 22 and 23 the Rocky Mountain Region will be in Broomfield, and on September 27<sup>th</sup> the Thunderbirds will again be demonstrating at the Academy! Wow, what a line-up, just in our own back yard.

## Jim Elliott

If you are willing to go out to 300 miles in radius, only 4 more events will be on the horizon. But, if you can swing out to the 1000 mile arc, the event count jumps to 560 by the end of 2009! That ought to give most people a really good choice of events to get on their schedules.

So, for those that don't have anything to do, you now have more than enough on the plate. For those who are working diligently on their craft, keep

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## EAA Chapter 301 Meeting Minutes

**March 20, 2009**

### Meeting was Called to Order

at 7:07 p.m. at the Parker Fire Station #75 by President **Jim Elliot**. He introduced the chapter officers.

### Visitors:

**Bob Iverson** flies a Cessna Cardinal kept at FTG.

**Karen Hitchcock** flies with the Jepessen Flying Club.

The Minutes of last month's meeting were changed to reflect the correct spelling of **Jeff Budny's** last name. Minutes were accepted as corrected.

Financial Report: Treasurer **Russ Grell** stated the Chapter is liquid, invested, and solvent. He encouraged all members to pay their 2009 dues if they have not done so, to assure they are listed in the current roster.

Tech Counselors: No reports.

Flight Advisor: No report.

Progress Reports: **John Schneider** reports his engine runs well, his avionics not so

well, on his Protec PT -2A.

**Jeff Budny** is working on his RV-7 wing kit.

**John Tedder** continues to expound about his RV-7 quick-build project.

**Jack Bongberg** is mounting the engine on his Legendary P-51.

**Jim Berry** is ready to take his RV-10 to the airport.

**Lyn Langer** is "penetrating" the firewall on his RV-7A.

### Flight Reports:

**John Tedder** is now flying a Bonanza F-33A at Ten High Flyers.

**Ted Lemen** reported starting problems on his Midget Mustang.

Young Eagles Report: **Rudy Kniese** said the chapter has flown over 1,546 kids since 2001. **Year-by-year totals** are: **2001= 14; 2002= 90; 2003= 186; 2004 = 137; 2005= 160; 2006= 278; 2007= 299; 2008= 327.**

We have already flown 55 kids this year and we're on schedule to break our yearly record. We're booked well into 2010.

Old Business: We will pur-

### 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.

chase a **Young Eagles Banner** times during flight, so as not from our Young Eagles account to fly at various events.

New Business: None.

Safety Report: The discussion was lead by **Jerry Knievel**.

We discussed the **Zenair 801 crash** at the Ft. Morgan Airport. Jerry emphasized that **batteries should be removed from ELTs** before discarding them.

The second **Cessna 162 LSA** factory aircraft has made an emergency landing using its BRS parachute.

Famed mountain flying instructor **Sparky Imeson** recently died in an airplane crash in Montana.

Be aware, as a pilot of **passengers talking at crucial**

times during flight, so as not to become distracted.

**Don Shipman** shared details about balloonist **Joe Kittredge** and his standing record for parachuting from a balloon at 106,000 feet in 1959, and other such feats.

### Break:

Program: **Scott Wiseman** showed a one-hour **PBS video** about **life on a U.S. Navy aircraft carrier** (part of a ten-hour series). Very Interesting! Thanks, Scott!

Meeting Adjourned at 9:15 p.m.

Respectfully submitted by **Stan Specht** - Secretary

(Continued on page 5 as needed.)

## President's Page Continued

(Continued from page 1)

up the great work and get those masterpieces in the air while the fuel is cheap!

If you are still contemplating what to do for a project, you will need to lock in on some basics. First, how many people will you normally have with you while you are flying? Will it always be only you or will you have your wife or friend with you too? If it is you and your wife or friend, will you be on short trips (less than 3 hours) and never overnight? Will you be taking long trips and staying over for 3 or more days? Will you be going over the mountains or, will your trips reach out to the east, west and south coasts? Or, will your trips stay within the surrounding states?

These questions are sometimes very hard to answer before you know what your flying will be like. There isn't a

right or wrong answer in any of them, but they are for you to seriously consider when you are contemplating what you will be spending a substantial chunk of money and time on. There is a kit for just about any type of flying and they all take your money and time. So, when you are thinking about how you will be using the end result of your hard-earned money and sweat-equity, consider carefully what your flying purpose will normally consist of.

Another consideration that you will need to ponder is, can you take a slow flyer long distance? The answer is, of course, you can – so long as you have the time to spare. The slower the craft, the more you will need in time- not just for travel, but for waiting. Often fast aircraft can get around weather while the slow aircraft are forced to park and wait it out. But hey, one thing about flying - if you can afford the time - is that the cost to fly will be significantly reduced and you will benefit in a won-

derful way as a pilot. Your flight time will turn into "Quality Hang Time". There ain't nothin' wrong wit that! Flying is flying. If you spend 2 hours or 4 hours going somewhere, what's the difference? The longer it takes you, the more flight time you get. How could a pilot go wrong with that?

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

*Jim Elliott*



Be the first on your block to own the latest kit from:

**Dream-On  
Industries**

### 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/>

#### **FLY IN:**

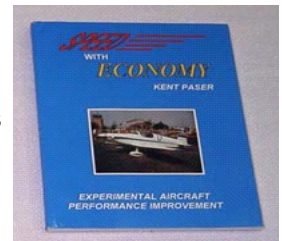
**June 20** - Broomfield, CO, USA. **JAA 14th Annual Fly-In** in conjunction with The Italians of America Car Show 6 a.m. - 12 noon. Rocky Mountain Metro Airport (BJC). Registration Fee \$5.00. Italian Pancake Breakfast a.m. Trophies given in 9 aircraft classes. Drawing to be held, for fly-in pilots only, for a flight in a mystery plane to be announced. Contact Daril, Phone 303-423-9846, Email: cq7014@aol.com.

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

**Announcements cont'd on next page →**

#### **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**

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

### Announcements cont'd

Announcing the  
Sixth Annual AHS Convention  
Indianapolis, Indiana  
(Wednesday July 15 – Saturday July 18, 2009)

This convention will enjoy three July days in convenient Indianapolis, Indiana. We will have a unique opportunity to explore the archives, storage, restoration, and display areas of the recently dedicated Rolls-Royce Heritage Trust Allison Branch Museum. The James A. Allison exhibition hall contains several dozen engines including the piston Liberty and V-1710, turboprops like the T-40 and T-56, jet engines such as the 578-DX unducted fan, regenerated gas turbines, and the AE1107 that powers the V-22 Osprey tilt rotor. For those with the interest, a working program is being developed that will allow us to partner our diverse talent with the Museum during our visit, from assessing and restoring the Powerama collection of wooden models, archiving, or some hands-on engine experience.

### 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.

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



Amazingly, this fits in a suitcase and runs on root beer. No? Oh, ye of little faith. If I remember correctly, this little Terrafugia, Inc. masterpiece has already been in the air – sans root beer – and, will be on display at Oshkosh. Ed.



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

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## First Class

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## **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)

#### **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)