

EAA Chapter 691 newsletter- December 2009

Upcoming holiday social gathering: In lieu of a scheduled meeting, EAA Chapter 691 will be hosting a Holiday Social gathering on Saturday December 19, 2009 from 9:00 AM to 11:00 AM at the Airport Grill at the Santa Fe Municipal Airport main terminal building. This is a social event for everyone – members, spouses, children, friends – and is open to everyone who wants to share a bit of holiday spirit. If the weather is good for flying, bring your airplane! A buffet breakfast will be available at a fixed price per person. The courtesy of an R.S.V.P. is requested. Please contact Vice President George Stephenson via email at: geostephjr@gmail.com.

Happy Holidays Message from Chapter President Jeff Scott

Seasons greetings to all. It's been a good year for EAA Chapter 691 with a lot of activities during the year that have made it a fun year to be a chapter member. For December, we are having a buffet breakfast at the Santa Fe Airport Grill in the Terminal Building at 9:00 on December 19th. This is a mixer for Chapter members, family and guests. There will not be a meeting, but I will have a few words to say after breakfast. Please bring your family and join us for breakfast, but also please let George Stephenson <geostephjr@gmail.com> know if you plan to attend so he can give a head count to the grill for breakfast.

2009 Meeting Recap

In January, we started the year at Thomas Spickerman's home with Will Fox giving an overview of the EAA Technical Counselor and Flight Advisor programs. Will has been a Flight Advisor and Technical Counselor for a number of years now and does an outstanding job with the inspections, assisting pilots in self evaluation and training, and with tech talks for the chapter meetings. We also got a peek at the tail feathers for Thomas' CH-750 project. In February we stopped at Roger Smith's home for a talk and demonstration of heat forming plexiglass. The March meeting was hosted by Randy Edwards and gave many of us a first peek at his RV-7A project. This is going to be one nice plane! In April, we trekked out to Rick Shore's place and got a look at the progress on his Slepcev Storch project. This will be another sweet project with the Rotec Radial mounted up front. May took us to Skip Egdorf's place where Skip did a hands on presentation demonstrating how to build molds and vacuum bagging fiberglass parts in the home environment. Jerry Langan also agreed to take over the monthly newsletter duties that month, which has made a significant increase in the quantity of information and quality of the newsletter. In July, we met at the Harley Lane Memorial Hangar (also used as the EAA Chapter Hangar) in Los Alamos where Will Fox did a talk about the rising rate in accidents in amateur build aircraft and what we could and should be doing to prevent accidents. July took us just a couple of hangars west as we met in Jeff Scott's hangar in Los Alamos. We did a walk around inspection of three fabric aircraft that were damaged in the July hail storm and discussed the various types of fabric coverings and finishes. August took us back to Thomas Spickerman's house again with another look at the progress on his CH-750 project. In a few short months, now there was a fuselage sitting in his workshop. Travis Peery also did a presentation about his experience with an in flight emergency and dealing with the FAA, NTSB and insurance

following the accident. In September the group met at James Shinas place where Doug Reid gave a talk about prop design. The October get together was hosted by Will Fox and was our biennial chapter elections. That was one of my proudest moments with this chapter as there were volunteers to man every position within the chapter. In November we got together at Lloyd Hunt's home where Doug Reid and Jeff Scott brought numerous failed engine parts from their engine "wall of shame". This talk was designed to prepare the members for the teardown and inspection of the chapter's O-290 Lycoming engine the following Saturday.

Other activities in 2009

We held a Young Eagles flight rally at the Okay Owingeh airport in Espanola for the Espanola Military Academy at the end of the month of February. Although I was unable to attend, I heard that we had good numbers and that the kids and pilots had a great time.

In March, several members made an exciting flight in the high winds to Casa Grande, AZ for the annual Cactus Antique Aircraft Fly In. As usual the winds were calm in the Phoenix basin and the fly in was great.

In July several members flew to Taos to help the Taos Chapter with their Young Eagles flight rally.

In August, Will Fox put together what we hope will be our annual Flour Bombing and Spot Landing contest. We had lots of pilots, but only a few planes that participated. We declared it a success for a first attempt and learned a lot about how to do this type of activity. This type of event is designed to help pilots to better recognize the performance of their aircraft with the engine out and to shapen their piloting skills. We are hoping for a much better participation for next year. For those that did fly... It was a blast!

In early November we held another Young Eagles Flight Rally in Santa Fe. This event was organized for two particular organizations, one of which cancelled at the last minute and the other which only has about 20% of those that said they wanted to fly actually show up. We had a good turnout of planes and pilots, so had a good time as usual, although the turnout of children was a bit disappointing.

In all, I think 2009 was a banner year for Chapter 691 and I am proud to serve as the president of this chapter.

Jeff Scott
Chapter President
EAA Chapter 691

Last month's meeting: Lloyd and Marsha Hunt hosted the November meeting at their home in Los Alamos. President Jeff Scott conducted the meeting and new chapter Treasurer Rick Shore reported that the balance in the chapter account was \$2401.83.

During the meeting, a motion was presented to raise the annual dues for Chapter 691 to \$20.00 per year. It was noted that the dues have not been increased for many years and it was deemed appropriate to have a small increase effective for 2010. The motion carried and EAA Chapter 691 annual dues are now \$20.00 per year.

A discussion was conducted regarding the possibility of an avionics presentation at a chapter meeting by a representative from Dynon Avionics. It was noted that Jeff Scott, Rick Shore, and Rob Whittaker all own Dynon products and would be interested in learning more about the latest release by Dynon of their SkyView products. Members interested in such a presentation should contact Newsletter Editor Jerry Langan to help gauge potential audience size.

For the technical talk Jeff Scott and Doug Reid presented a variety of engine parts and discussed numerous aspects of aircraft engine operation, maintenance, overhaul, and mechanical trouble-shooting. Damaged engine parts provided visual examples of mechanical issues that sometimes occur inside aircraft engines. This presentation was intended as a primer for the upcoming disassembly and inspection of the Lycoming O-290 engine belonging to Chapter 691. It was amazing to see severely damaged internal engine parts that continued to operate normally despite their condition.

Member Activities and News: EAA chapter 691 now has a website. The address for the website is: www.eaa691.org. You will find newsletters posted there as well as other items of interest to our chapter members. Check it out and let Webmaster Jeff Scott know you're enjoying the new benefit of chapter membership.

The disassembly and inspection of the Lycoming O-290 engine belonging to Chapter 691 took place on Saturday November 21 at President Jeff Scott's hangar at the Los Alamos airport. The turnout for this event was about double the number of members at the monthly meetings! After removing the cylinders and pistons it was determined that it would be economically unfeasible for the chapter to overhaul the engine and make a profit due to scoring and corrosion on one of the cam followers. A previous bid for the purchase of the engine as a core was accepted and that engine is now happily in the hands of a new owner.

Following his participation in the Young Eagles Rally at Santa Fe on November 7, Roger Smith's Piper Tri-Pacer experienced an unprecedented power surge through his electrical system that destroyed his Lowrance 2000c GPS unit. Roger is presently sorting out this electrical issue, so if you can offer useful guidance please get in touch with Roger.

If you have an item that you'd like to post in the Classified Ads section, send an email to or call newsletter editor Jerry Langan and your ad will be included in the next newsletter.

Airplanes and Parts for sale and wanted

1949 Cessna 170A, 2639 TTAF, 450-SMOH, blue & silver paint, KX155, TSO, KT76A, PS ICO, great shape, great interior. NDH. Complete logs. \$37,000. Call Dave Allyn, (505) 474-8174.



1949 Cessna 170A - Hangared at KSAF. White and yellow paint with brown interior, very good condition. New wing skins and wing tips. Contact Steve Bunch via email: skylandair@yahoo.com.

Sonex kit with VW engine - fuselage complete and rolling on gear, engine mounted. In hangar at KSAF. Contact Steve Bunch via email: skylandair@yahoo.com.

Subaru EA-81 auto engine conversion. This engine is rated at 100 horsepower, and the package includes: Belt drive PSRU, 2 Bing carburetors, radiator, hoses, and prop flange. There is a motor mount available for an unspecified airframe. The engine has approximately 25 hours. \$3000 OBO. Contact Jerry Langan via email: jlanga2001@yahoo.com.

Item 1: Powerfin F model 3 blade prop, 68" diameter, right hand pusher. Fits the Rotax B or C drive.

Item 2: Rotax C box, 3.47:1 ratio. Has RK-400 clutch bell installed, but I have an original flywheel and rubber donut. The C box has about 500 hours on it. It should probably be checked out just to make sure everything's in spec on it.

Item 3: RK-400 clutch with spare set of shoes.

Open to offers. Contact Lucien Stavenhagen via email at: Lstavenhagen@hotmail.com.

1987 Mercedes Benz 560SL. In nice condition with 107,000 miles. It has a 5.6 liter V-8 and Automatic transmission. Nicely equipped with A/C, power windows, power locks, hard top, CD, ABS brakes, leather and alloy wheels. This car is priced below book at \$8,500. Call Will or Barb at either 505-662-7193 or 505-665-0793.



FLYING EVENTS CALENDAR, 2009-2010

Dec 19 – Santa Fe, NM. Santa Fe Municipal Airport (SAF). EAA Chapter 691 Holiday Social Gathering and Breakfast. This is a social event for everyone – members, spouses, children, friends – and is open to anyone who wants to share a bit of holiday spirit. From 9:00 AM to 11:00 AM at the Airport Grill in the main terminal building. Please R.S.V.P. to George Stephenson via email at: geostephjr@gmail.com.

Dec 19 — Tucson, AZ. Ryan Field (RYN). Star Aero Club Fly-in Breakfast. Star Aero Club monthly fly-in breakfast. Contact Michael Gibbs via Star Aero website. Website address: <http://members.cox.net/staraero/upcoming.html>.

FLYING EVENTS CALENDAR - 2010

Jan. 21-24, 2010 – Sebring, FL, Sebring Regional Airport (SEF). U.S. Sport Aviation Expo. <http://www.Sport-Aviation-Expo.com>

March 5 – 6, 2010 – Casa Grande, AZ, 52nd annual Cactus Antique Aircraft Association Fly-In. <http://www.cactusflyin.org/>

April 8-11, 2010 – Messe Friedrichshafen, Germany AERO Friedrichshafen Aviation event. <http://www.AERO-Friedrichshafen.com/html/en>

April 13-18, 2010 – Lakeland, FL, Lakeland Linder Regional Airport (LAL). Sun 'n Fun Fly-In. <http://www.Sun-N-Fun.org>

May 15, 2010 – EAA first International Learn to Fly Day

May 22-23, 2010 – Suffolk, VA, Suffolk Executive Airport (SFQ). Virginia Regional Festival of Flight. (703) 590-9112. <http://www.VirginiaFlyIn.org>

May 29-31, 2010 – Llano, CA. Brian Ranch Airport (BRIAN – Pvt.). “World’s Smallest” Air Show. Every year on Memorial Day weekend, Brian Ranch Airport hosts the “World’s Smallest” Air Show. The air show features ultralights, light sport aircraft, and general aviation in flying and static displays, manufacturers, and children’s activities. (661) 261-3216. <http://brianranch.com>.

June 11-13, 2010 – Marysville, CA. Yuba County Airport (MYV). Golden West Regional Fly-In and Air Show. <http://www.GoldenWestFlyIn.org>

June 11-13, 2010 – Columbia, CA. Columbia Airport (O22). Bellanca – Champion Club West Coast Fly In. <http://www.bellanca-championclub.com/events.html>.

June 12 – 13, 2010 — Saint Francis, KS. Cheyenne County Municipal (SYF). 28th Annual Stearman Fly-In. Airplane fly-in featuring Stearman biplanes. Hot air balloons fly Saturday and Sunday at sunrise, skydivers jump all day. Breakfast and lunch served Saturday, breakfast on Sunday. See event website for details.. Contact Grace Flying Service, 785-332-2251; [Email](#). [Website](#). Event ID: 12448

July 7-11, 2010 – Arlington, WA. Arlington Municipal Airport (AWO). Arlington Fly-In. <http://www.ArlingtonFlyIn.org>.

Jul 24, 2010 — Iowa City, IA. Iowa City Municipal Airport (IOW). 8th Annual Iowa City Fly-In Pool Party. Enjoy the nation's only fly-in pool party on your way to Oshkosh at the Alexis Park Inn & Suites -- America's aviation themed hotel, adjacent to Rwy 25. Food, snacks, and refreshments -- all served at poolside -- and all FREE!. Contact Jay Honeck, 888/925-3947; [Email](#). [Website](#). Event ID: 12795

July 26 – August 1, 2010 – Oshkosh, WI. Wittman Regional Airport (OSH). EAA Airventure Oshkosh. <http://www.AirVenture.org>

Aug 21 – 22, 2010 — Broomfield, CO. Rocky Mountain Metropolitan Airport (BJC). Rocky Mountain Regional Fly-In and Air Show. The Rocky Mountain Regional Fly-In, features hundreds of aircraft on static display, aircraft manufacturers and vendors, pilot safety seminars and workshops, kids activities, food and fun for the whole family. The daily Colorado Sport International Air. Contact Jim Cimiluca, 720/323-6784; [Email](#). [Website](#). Event ID: 12373

Sep 3-5, 2010 – Watsonville, CA. Watsonville Municipal Airport (WVI). Watsonville Fly-In and Airshow. <http://www.watsonvilleflyin.org/>

Oct 21 – 23, 2010 — Casa Grande, AZ. Casa Grande Municipal Airport (CGZ). COPPERSTATE Fly-In. The Southwest's Premier Aviation Event. Go to

www.copperstate.org for complete info and schedule.. Contact Michael Still, 602-690-3181; [Email](#). [Website](#). Event ID: 12786

Oct 22-24, 2010 – Evergreen, AL. Middleton Field Airport (GZH). Southeast Regional Fly-In. <http://www.SERFI.org>.

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