



THREE ZERO NINER

February 2008

Meets every 3rd Monday in Charlotte, NC

EAA Chapter 309 was founded in 1973 by a small group of aviation enthusiasts. Since that time, the membership has grown in size and experience. Members come with a variety of skill and experiences. Current members have aviation backgrounds ranging from student pilot all the way to Air-line Transport Pilot. Several are A&Ps and all share a love of aviation. Membership is open to anyone interested in aviation and learning about the construction of Experimental Aircraft.

EAA 309 is a 501 c.3. organization. Your contributions are welcome and may be tax deductible.

FLY-IN SEASON!!!

Lake Norman Spring Fling Fly In!

Glenn and Robin Babcock have graciously agreed to be the hosts and organizers for this year's event. As usual, many pilots will fly-in to show off their beautiful airplanes, both homebuilt and otherwise.

Of course the Chapter will set up the grill and cook hamburgers and hot dogs, and hopefully the ladies at LNA will provide lots of sides, salads, and tempting desserts as accompaniments. There will be a Young Eagles event scheduled for later in the afternoon to preclude too much traffic in the pattern at the same time.

John Schroeder, along with other EAA members, is arranging for some exciting airplanes to be flown in and displayed by JAARS (Jungle Aviation and Radio Service), which is located in Waxhaw, N.C. Please feel free to call Robin Babcock on her cell phone, 704-941-5040, to volunteer, or email Glenn or Robin at r_babcock@roadrunner.com for more information.



President's Corner

"Safety First" isn't just a slogan. This chapter continues to impress with its push to do things "right". By "right" I'm not just talking about how we build, restore, and/or maintain our aircraft but in how we fly them.

Over the weekend I sent out a note to the chapter regarding a session to review the arrival procedures for both Sun-and-Fun and AirVenture. Not only was I looking for people to attend but a volunteer to host the session. I expected that one or two people would ask to attend but was impressed by the volume off responses and four volunteers to host it.

This highlights how concerned we are as a group and that doing the 'right thing' is important to our survival. By "survival" I'm not just referring to our individual wellbeing but that of general aviation.



I would like to thank Dale Ensing for suggesting we host these review sessions, safety must be our first concern.

With that in mind, should you have an idea which could make us safer, please contact one of the chapter officers so we may implement it.

Upcoming events:

REMINDER - Chapter Dues for 2008 were due on January 1

309'ers WEB SITE www.eaa309.org

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2007

EAA 309 February Dinner Meeting

Our February 18 Dinner will be at Fred and Pam Darnell's home, located at 9521 Willowglen Trail in Charlotte. The meeting starts at 7:00 PM but you can come earlier to get a good look at the Murphy. See the last page of this newsletter for a map and directions.

Fred and his family are building a Murphy Rebel powered by a Lycoming O-540 engine. This is a big (bigger than an Cessna 182) airplane and Fred and gang are planning to use it for camping trips around the country. Pizza and drinks will be served.

FMI contact Bill Repucci at bill@repucci.com or call him at 704-607-4572. Bill has asked for suggestions for other Charlotte Area restaurants with meeting rooms.

There will be a project visit at Fred and Pam Darnell's on February 18th. Pizza and drinks will be served and you are all invited. Fred's project is both physically large but a tremendous undertaking and one you should make every effort to see.

Fred has put great effort into creating fiberglass panels to cover the interior, much like a production craft would have.

I, for one, am looking forward to the visit.

The March 15th Lake Norman Fly-in will be hosted by Glenn and Robin Babcock, along with some help from their neighbors, and looks to be another great event to kick off the spring flying season. Also congratulations to both as they have also welcomed a new family with the birth of their son, Kenny Babcock. On December 27, 2007, a full month earlier than expected. What a wonderful belated Christmas present! He weighed in at 5 lbs, 5 ounces, and was 17 3/4" long. Robin reported that Kenny is now over 7 lbs and doing very well.

Hal Schwab, our Young Eagles coordinator will assemble a fleet of airplanes and host YE rides in the afternoon, after things slow down.

April 19th will see Randy Utsey putting together the Builder's Workshop. A number of our chapter members have attended in the past and found it to be helpful as they work to select a project.



**Chapter 309
Charlotte, NC**

YOUR NAME

The Board had decided that Name Tags will be made for all new members. Contact Earl Fortner - Phone or e-mail Earl at 704-455-5326 or efortner@vnet.net. If you have not received your name tag yet, please contact Earl.

These name tags not only look nice, it helps us learn each other's names - AND if you don't wear yours to each EAA 309 meeting or event, you will be assessed a \$1.00 charge to encourage you to wear yours!

Once again, Van's Aircraft is donating 10 toolbox kits for us to use in the class. All they ask for in return is an article on the class they can use in their newsletter.

Missing from last year's class was a demonstration on composite construction. I am calling on you glass builders out there to pull together some material and put a demo on for the class. I personally found the demo Kent Ashton gave two years ago demystified the entire fiberglass process for me and helped prepare me for the fiberglass work I had to perform on my RV-9. Any volunteers?

What's the buzz?

When I first started taking flying lessons a good friend told me that the problem with this hobby is that you will make friends who will parish. How prophetic that statement was, it look less than six months before one of my new friends killed himself in front of his family while buzzing his house.

This past week a gentleman was lost while performing a low level aileron roll. The accident happened while his friends watched from another plane. These friends had misfortune of witnessing the accident.

There are pilots who insist on buzzing fam-

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Chapter Officers

President:
Bill Repucci
704-607-4572

Vice President:
Bob Thayer
704-578-9559

Secretary:
Bob Allen
704-892-4095

Treasurer:
Ron & Kandy Murray
704-663-5521

Directors:
Chuck Porter, Tad Sargent, Hal Schwab, Dean Unterreiner, Randy Utsey

Young Eagles Coordinator: Hal Schwab

Technical Counselors:

Kent Ashton, Glenn Babcock, Ronnie Brown, Dale Ensing, Ron Murray, Neil Stewart, and John Wigney

Flight Advisors:
Dale Ensing & Ronnie Brown

Newsletter & Web

Page Editor:
Ronnie Brown
704.892.5122

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ily and friends, performing low level acrobatics, and generally flying in a manor which can produce catastrophic results. Please take a minute to think about the possible outcome of your actions and the effect a negative outcome will have on your family and friends.

Fly safe!

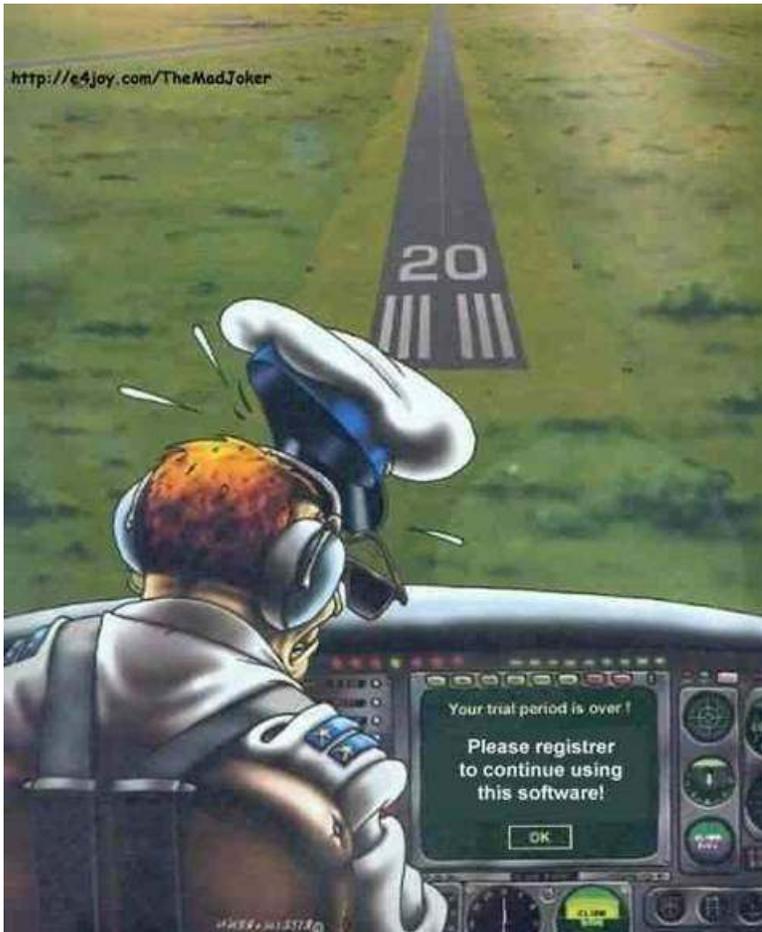


Meet the new Chapter Officers for 2008! - Randy Utsey

My dad flew B-24's in WW-II and kept his instructors license current to teach me how to fly when I was 16. Flew the J-3, Tri-Champ, Luscombe, Cherokee 140 and got my Commercial & Instrument ratings when I was 18 yrs old. Closest I could get to a flying job was an Air Traffic Controller where I was employed in Charlotte & Honolulu from 1974 through 1981 (early retirement related to PATCO).

I started flying again in 1998 as a flying club member and re-gained my currency along with adding a CFII rating with an MEI. Through the flying club I stayed current and gave instruction in most of the single & light twins in the GA inventory flying out of Charlotte Douglas.

My current aviation love is my Van's RV-7 which first flew on December 14, 2007 after two years and 8 months of construction. It is based in Rock Hill and I am currently half way through the 40 hr. test time. I equipped the plane for IFR flight and plan to use it for business calls in N.C., S.C. and Virginia where my company wholesales Vent-A-Hood products to appliance dealers.



Remember - Chapter 309 of the EAA is now a charitable organization as defined by 501(c)3. Your donations may be tax deductible!



Based at Gastonia Municipal Airport, GAC is a flying club, with three aircraft, including a Cessna 172 and 182 and a Piper Cherokee 180. Memberships available. 704-892-4095 or info@gastoniaaeroclub.com



Young Eagles

As most of you know, the EAA Young Eagles program is designed to give children of ages 8 to 17 the chance to experience flight in a light airplane. The number of pilots in the United States is shrinking steadily. By giving a child the experience, we can help to expand the ranks of future pilots and provide the child with an unforgettable day.

This year we will have Young Eagles flights in the late afternoon at each of our fly-ins. We need volunteers to fly the children. We also need you to help get out the word to your local school, Boy Scout troop, Girl Scout troop, or church youth group. We are now making Young Eagle reservations for the Lake Norman Fly-In. Just let me know by email or phone how many Young Eagles you know that would like a flight. I will call for pilot volunteers as soon as we have a reasonably accurate count of Young Eagles.

Thank you for your support of this program,

Hal Schwab, (704) 651-7768, hschwab@mindspring.com

NEW MEMBERS CORNER

Before we welcome some new members, I wanted to let you know that I got this note from **Peter Katz** "In case you do not already know, I have moved to Somerset, KY.

"There is a great airport here so if anyone decides they want an excuse to make a trip I would love to see them. My home is only about 10 min away from the airport. As you recall, I am building a 9A QB. Have mounted the gear and ordered the engine and prop which will hopefully be here in early March. Please send my regards to everyone in the chapter."

The board agreed to award an honorary membership to **Robert Dixon** for his terrific assistance during the B-17 tour in Concord. Robert made his tools and hangar space available to the B-17 crew so that they could make some field repairs to the B-17 and kept the show going.

We also welcome **Jim Sisco, Earl Lynch, and David Quist** to Chapter 309. We hope to have a "meet the new member" article and photo for each of them in upcoming newsletters. I will be putting up an updated member list to the web this week.

By the way, we still have 44 members who HAVE NOT paid their 2008 dues yet. Reminder Emails will be going out this week.

Ronnie Brown

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Mark your Calendars!

3/15/2008 - Mooresville, NC. EAA Chapter 309 SPRING FLING FLY IN at Lake Norman Airpark. 10-AM -3 PM. Hotdogs and Hamburgers. Young Eagles flights in the afternoon. For more info call 704-941-5040.



4/19/2008 - Charlotte, NC. EAA Chapter 309 Home-builder's Workshop, 8:30 AM - 3:00 PM. 1429 Bryant St, Charlotte. Preregister by calling Randy Utsey at 704-332-8301.

April 19 - 20. Wilmington, NC -- Coastal Carolina Airshow featuring the USAF Thunderbirds and the US Army Golden Knights. Web: www.coastalcarolinaairshow.com

April 26 Charleston, SC -- Charleston Air Expo 2008 - Charleston AFB Air Show featuring the US Air Force Thunderbirds. (KCHS). Web: www.charlestonairexpo.com

May 2 - 4 Burlington, NC -- VAA Chapter 3 Spring Fly-In. All Classes Welcome, BBQ on Field Fri Eve. EAA Judging Sat, Awards Dinner Sat Eve. Email: eiwilson@homexpressway.net Web: auaonline.com

May 3 Ridgeland, SC -- Race to Ridgeland, 9am-5pm. Ridgeland AP (3J1). Email: leeloganster@gmail.com Web: www.racetoridgeland.com

May 16-18 Mid-atlantic fly-in & sport aviation convention : *Fly-in *Food **lumberton regional airport, Lumberton, NC, USA** 3 day grass roots fly-in. all sport aircraft welcome. old fashion pig-pickin on Saturday. forums , workshops , first class airshow. camping on field.

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WANT ADS

I have put 2 serviceable **aircraft instruments** up for auction on e-bay. The one is a **VSI** off a 1964 Cessna 172, and the other is a 28Vdc **Turn and Bank Indicator**. <http://ebaymotors.com/> Item numbers 140206042427 and 130197069165. Susan Robb.

1998 Yamaha Virago 250 motorcycle for sale. 5000 miles, excellent mechanical condition. This is a cool little V-twin cruiser with a black tank, great for first-time or smaller riders. Asking \$1900. Glenn Babcock 813-505-6027 (cell)

RC Allen 22-11F vacuum gyro for sale, new in the box. This is a flagged, lighted gyro. Sells for \$923 at Spruce; I'm asking \$750. Glenn Babcock 813-505-6027 (cell)

Watch repair services. I also have an inventory of used fine watches - both quartz and mechanical, some antique. Gary Witt 704-866-0784



2003 Velocity RG - 360 hours on AF and Engine IO 360 200 HP, Catto 3 Blade composite prop, 155 kt cruise, Awl-grip Marine Cloud white paint, Garmin 430 WAAS (glideslope on GPS approaches), Navaid Autopilot coupled to GPS and CDI. See <http://home.roadrunner.com/~romott/> Asking \$99,000 for this gorgeous Velocity. Ronnie Brown, 704-892-5122 or romott@roadrunner.com

Saturday, May 17 - Lincolnton NC - EAA Chapter 309 Poker Run. Prizes and Lunch. 8:30 AM - 2 PM.

May 17 Columbia, SC -- The Celebrate Freedom Foundation presents "Thunder at Fort Jackson" air and ground show.
Email: CelebrateFreedom@earthlink.net
Web: www.CelebrateFreedomFoundation.org

May 17-18 Lancaster, SC -- Palmetto Thunder Air Show Email: fkeel@seelancaster.org Web: www.palmettothunder.com

June 6-8 Cherry Point, NC -- 2008 MCAS Cherry Point Air Show, Cunningham Field (KNKT), Email: leigh.velez@usmc-mccs.org
Web: www.cherrypointairshow.com

June 14-15 Suffolk, VA -- Virginia Regional EAA Aviation Expo, Suffolk Executive Airport (SFQ) Email: JHSpakrs@vaeaa.org
Web: www.VAEAA.org

Saturday, June 14 — Lancaster, SC - SE Multi Chapter Breakfast at Lancaster Airport (KLKR). 8:00 AM 10 AM.

Some of the above calendar entries were found at www.southern-aviator.com and at www.eaa.org/calendar/

Sun-n-Fun Arrival and Departure Procedures.

The chapter will be putting on a presentation on how to fly into Lakeland's Sun-n-Fun Fly In. A number of our members have volunteered to share their experiences and to discuss the NOTAM that has been issued.

If you are planning to fly to Sun-n-Fun this year, you will definitely want to attend.

See the NOTAM at http://www.faa.gov/airports_airtraffic/air_traffic/publications/notices/media/sun-n-fun.pdf





Weight and Balance?

The chapter has purchased a new set of scales which are suitable for performing weight and balance on aircraft. They are available for rent for \$50. Bill Repucci (704-607-4572) has them and will handle check out.

We have a number of other tools which will be listed on the chapter web page which are available for loan or rent.

RV-12 LSA on EAA 309's Picasa Photo Web Site

The ever industrious Chuck Porter has developed yet another addition to the Chapter's Picasa Web page - See the collection of photos and information about the new RV-12 LSA from Van's. See <http://picasaweb.google.com/EAA309/>

Letters from a WW I Aviator

Through the miracle of the internet and Google it was easy to discover who the author of these notes.

Douglas Campbell was noted for several firsts in his service. He flew the squadron's first patrol along with two other famous aviators, [Eddie Rickenbacker](#) and [Raoul Lufbery](#). Due to supply problems, the trio flew their first mission in unarmed planes. His first kill came while flying in an aircraft armed with only one rather than the usual two machine guns

Paris, Aug. 15, 1917 - By Douglass Campbell

We had an interesting trip from Liverpool to Paris. Our train left Liverpool at 2:00 p.m. on Sunday, and at 11:00 p.m. we got out at Folkestone and spent the night at a "rest-camp". Monday morning

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Douglas Campbell (center) poses with fellow 94th Aero Squadron aviators [Eddie Rickenbacker](#) (l.) and [Kenneth Marr](#)(r.)

we went across to Boulogne in 1-1/2 hours, had lunch there and took a 2 o'clock train which arrived in Paris at 8 p.m. The Boulogne-Paris trip was extremely interesting. During the 1st half of the ride we were only 50 kilometers from the British front, and the military appearance of everything was inspiring. There were two Belgian officers in my compartment who swore every time we saw a Boche prisoner.

Upon arriving at Paris, we were sent to the Caserne Reully, a barracks near the Bastille, but were allowed to spend the night elsewhere if we so desired. Ham Coolidge asked me to come with him to look up his uncle John Coolidge, who is attached to the embassy.

Yesterday noon we reported to the Caserne, and there I received a bad jolt, -- namely, that I shall not fly for at least 2 months. The majority of our bunch left for a flying school at Tours this morning will start flying at once, but Eddie Bates, Ham Coolidge, Walker Ellis, Bill Ely, "Ike" Fearn, Gus Kissel, Aleck Matthews, John Mitchell, "Count" Hale, and myself are retained here for special duty. I was feeling terribly about it at first, for I thought they had decided to make non-flying officers of us, but since getting more dope on the situation I can see that it is a splendid opportunity for service and also advancement.

The ten of us are to be assistants to officers who are organizing on a large scale the American Air Service in France, and of the ten Ham Collidge and I have been selected to help Capt. Miller organize, get in running order, and start running the huge aviation school at Issoudun. The buildings are now under construction, and an enormous number of airplanes are due to arrive before long. When in running order, the school will carry 5000

aviators at one time, and the program calls for turn out 6500 finished aviators by next July. So that's the job I'm starting in on, and as I know next nothing about a flying school it will be a great game.

The best part of it is that our superior officers said this morning that they realized what a disappointment it must be to us not to fly at once, and that they intended to let us fly just as soon as the more important duties of organization are completed. Then, of course, we will be the bosses at the flying school, and can fly just as much as we darn please. Also, Ham and I will have to exercise considerable authority, so they are rushing our commission thru in a few days. We are ordering rather expensive uniforms, for dress counts a good deal over here, and we don't mean to be held back for that reason. That's why I'm asking for some money.

When we have got the school going and have learned our flying, our officers said this morning, the chances are 10 to 1 that we'll go out to the front as commanders of squadrons.

What do you think of jumping from and insignificant private to 2nd or 3rd in command at the largest flying school in the world? It's a joke, but a mighty serious one. Active work begins tomorrow, and I truly hope it will be difficult as thunder. I'm tired of stalling for time.

(Author's note: Ah! the enthusiasm (sic) and optimism of youth!)

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Homebuilder's Workshop

On Saturday, April 19th, EAA chapter 309 will sponsor a builders workshop in Charlotte, NC. The class is aimed at those interested in learning basic building skills (metal working, composite, electrical, etc.). The \$30 fee will include one Van's toolbox kit and lunch.

At the end of the day you will get to take the tool box home along with the skills you will learn.

The Toolbox Kit comes with documentation, along with all the parts and rivets needed to complete the toolbox. This training project consists of several pre-punched parts that are riveted together to form the box and lid and a hinge to hold them together.

This training project will give you the chance to try several different styles of riveting, using aluminum parts identical to those that make up the airplane. The completed toolbox is just the thing for a traveling tool kit when your RV is done or for holding your safety wire supplies, etc. Finished toolbox measures 16"L X 6"W X 4"H.

The class will be limited to the first 20 people.

Although the toolbox kits are provided by Van's people who desire to build other types of aircraft are strongly encouraged to attend.

If you have already built a metal aircraft or are currently building one and would like to share your experience with others, please email me. The more instructors we have the more our students will get out of the class.

Sign up by sending an email to Randy Utsey at randy@djdist.com or call 704-332-8301

This page intentionally blank - we did not receive any photos or project updates this month from Tim Bolton, Joe Bowling, Kevin Cromie, Randy Davis, Keith Hegedus, Dave McKnight, Robert Morrison, Breece Nesbitt, Wally Overton, Abel Padilla, Dana Poston, Thane States, Sam and Neil Stewart, Ravi Thakkar, Gerhard Ungerer, Gary Williams, Bill Wilson, Gary Witt, and Radomir Zanic. (8>)). Surely you guys are working hard on your projects since it is too cold to be outside flying and playing golf! (Actually, this is a pretty impressive list of projects by our chapter members. One of the FAA folks said we had to be one of the most prolific bunch of home builders he had ever seen! (Now all we need is your photos and updates!)

the Editor

FIGHT FAA USER FEES!



Membership

We Need You!

Drive 2008

As always Chapter 309 is looking for new members. This page should be removed and given to a potential member.

The form can be used to pass along enrollment information about the EAA and this chapter.

About the EAA

The EAA is for both pilots and non-pilots who are interested in the dynamic world of flight. The organization, founded in 1953, offers activities for the entire family on the local, regional and national levels. EAA also offers support programs for those who are building and restoring aircraft.

The EAA is dedicated to serving all of aviation by fostering and encouraging individual participation, high standards and access to the world of flight in an environment that promotes freedom, safety, family and personal fulfillment.

If YOU like airplanes and the people who fly them, **EAA** is for you! For only \$40 you can be a member. EAA offers something for enthusiasts of every age and interest - pilots, designers, builders, dreamers and doers - anyone who enjoys the unique freedom made possible by flight. All are welcomed into EAA's growing family.

Call the EAA Membership Department at 1.800.Join EAA (1.800.564.6322) or visit www.eaa.org



EAA Chapter 309 Enrollment Form

Name: _____ Spouse _____

Family

Address: _____ Membership? (Y) or (N)

City: _____ State: _____ Zip: _____

Phone: _____(H) _____(W)

E-mail Address: _____

Pilot Rating: _____ EAA Member Number: _____

Aircraft Owned(?): _____

Current Project(?): _____

Membership is open to anyone interested in aviation. Dues are \$25 per year. Mail Enrollment Form with Check payable to EAA Chapter 309 to:

**Ron Murray
295 Normandy Rd
 Mooresville, NC 28117
704-663-5521**

Pass it On!

EAA Chapter 309
18816-6 Nautical Dr
Cornelius, NC 28031



NOTICE: The February 18 Dinner Meeting will be at Fred Darnell's home to see his Murphy Rebel Project. 9521 Willowglen Trail in . beginning at 7:00 PM. Hangar talk starts at 6:30. Pizza and Drinks.

Call Bill Repucci at 704-607-4572 for more information.

