

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

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 avia-

tion. Membership is

open to anyone inter-

ested in aviation and

learning about the con-

struction of Experimen-

EAA 309 is a 501 c.3. or-

tal Aircraft.

THREE ZERO NINE

May 2008

Meets every 3rd Monday in Charlotte, NC

MAY DINNER MEETING

Dean and Naomi Unterreiner have kindly offered the chapter the use of their hangar at their new Lake Norman Airpark home on Saturday, May 17th for a fly-in chapter meeting.

This is a rain-or-shine event, so even if the weather is bad, please drive in. Map to Dean's home is on the last page of this newsletter. If you are flying in, the taxi way is on the south east side of the runway, about 2/3 of the way down the left side of runway 32. We'll get a sign up to make it easier to find. Dean's hangar is on the left side at the end of the grass taxi way.

We will start serving promptly at noon with the business meeting to follow shortly thereafter. Lunch will be free to chapter members and their families. For planning purposes, please RSVP to bill@repucci.com

FLY-IN

Multi-Chapter Fly-in Saturday, June 21st

The goal of the fly-in is to meet pilots

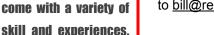
Military aircraft - Columbia (James) do you have any contacts with the local Air Force Base? Can they come in Friday and do a static display? A C-130 would be fine. They can even set up a recruiting tent, if they like. I'll contact the Air NAG based in Charlotte and see what I can get out of them.

Young Eagles - We will not give YE flights but we will collect names and distribute them to the appropriate chapter.

Site walk through- Looked good, plenty of ramp + grass overflow south of the taxi-way (Rwy is north of taxi-way)In addition to the 6000x100 asphalt runway, there is 4000x100 grass strip on the north side and parallel to the paved runway. It will be marked with cones and will make the fly-in more tail-dragger and ultra-light friendly. - Garry set it up.

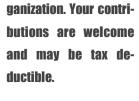
Finance - Each chapter shares equally in profit (there shouldn't be a loss). We're not looking at much in the way of expenses; food & port-a-potties. It was suggested that we buy enough food to cover the low side of our guess of attendance then augment that with a trip to Bi-Lo or Wal-Mart if we see the need.

Advertising - Lancaster Aviation will take care of the local county pr/marketing/publicity



Lancaster, SC (LKR)

from the other EAA chapters in the Piedmont. Thus, this will be an informal fly-in. Tent camping in site is available for those who wish to come in on Friday night. However, no campfires are allowed.





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NO April EAA 309 Dinner Meeting

There will not be a dinner meeting for April due to many folks being gone to Sun—n-Fun and having to catch up from being gone!

Watch this space for details of May dinner Meeting!

And speaking of Dinner Meetings:

We still need some one or two alternate restaurants scattered around and in Charlotte to host our dinner meetings. Right now we have the north and southeast covered, but we need something on the west and mid town Charlotte. Surely someone has some suggested locations we need a room with seating for 40 or more and reasonably priced food.

- Al will take care of EAA Chapter Calendar, AOPA e-gram, e-mails to chapters

- We'll e-mail a flyer to go to each sponsoring chapter for local posting

Food preparation - Breakfast: Charlotte 309 Lunch - Salisbury 1083

Cappy's Next Adventure - Captain Steve Glasgow is planning another ultimate Fly Out. This time to Scottsdale, Arizona beginning on or around May 30, through June 7. More info is at 309's Google discussion group, see his note and complete details posted on March 13th.

President's Corner

by Bill Repucci

Young Eagles

On Saturday, April 26th Hal Schwab organized a Young Eagles day at Lincolnton Airport. In typical Hal form, it went without a hitch. For me, personally, there were two events that made it memorable. As luck would have it, Hal assigned 12 year-old Garrett Dixon to ride with me. His fa-



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!



ther, Robert and I first met in June of last year when Robert called regarding the EAA chapter and to ask some questions about my plane. Shortly after that conversation Robert was kind enough to come by and help move the plane out of the basement and load it on a trailer for the trip to the airport.

Taking Garrett for a ride was a real treat for me. He listened intently to the preflight and quickly climbed in to the RV-9 and buckled himself in. Shortly after liftoff I turned the controls over to Garrett who as it turns out is an adept

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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

Update from our March Dinner Meeting Speaker

We finally have our website up and running. www.semaerospace.com

It has a link for "Where to buy retail" that will allow anyone to purchase our products online. It also has a link that will allow your members to submit pictures of projects they are working on that involve our products. I would love to be able to feature some of these pictures and would be sure to compensate the submitting party with some form of promotional goodies.

Brad Chana, Aerospace Manager SEM Products Inc. 704-716-8515

EAA To Honor Homebuilt Aircraft Milestone At AirVenture 2008

Nearing 30,000 Amateur-Built Planes In US!

The Experimental Aircraft Association notes the homebuilt movement is fast approaching a major milestone -- 30,000 amateur-built aircraft certificated in the United States -- just in time for AirVenture 2008, the latest incarnation of an event created by homebuilders more than a half-century ago.

During AirVenture week, July 28-August 3, EAA will announce the honorary 30,000th milestone homebuilt, chosen from among the aircraft flown to Wittman Regional Airport.

"Right now we are at about 29,800 certificated homebuilts," said Charlie Becker, EAA director of member programs. "We checked with the FAA and it is impossible to determine just which aircraft will be the 30,000th. This is a huge milestone for the homebuilt movement and EAA could not let this milestone go by unnoticed, so we've created another way to recognize this major achievement."

"At AirVenture, we will select an honorary 30,000th homebuilt to be the focal point of our celebration," Becker added.

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

To be eligible, a homebuilt aircraft must be:

- Flown to EAA AirVenture Oshkosh 2008
- Completed certification in the amateur-built category in 2008
- Registered at Homebuilder's Headquarters no later than Tuesday, July 29
- Owner must be present at AirVenture on Wednesday and Thursday (July 30-31)

The honorary 30,000th homebuilt will be selected on Tuesday evening, via random drawing from among the eligible aircraft. A special display will showcase the honorary aircraft on AeroShell Square on Wednesday and Thursday, and the owner will accept a special award on behalf of all homebuilders from the FAA.



This year's commemorative "I Flew My Homebuilt" patch, which is given to all attending homebuilders who fly to AirVenture, will recognize this milestone. The patch features a Hatz Biplane in recognition of that model's 40th anniversary, along with the special tribute, "30,000 & Climbing."



Short final at Elizabethton, TN (0A9) - a great destination for a \$100 Hamburger. It sounds like a long trip, but actually only a little over 70 nautical miles from Lake Norman Airpark. There is a great little hamburger joint within walking distance of the airport. They also serve breakfast. Marc Daetwyler reports that there is a good Bar B Que restaurant within a crew car ride.

The only precaution to enjoying this fantastic little airport is the weather over the mountains. Be sure to get a DU-ATs briefing before taking off. A good destination for a Chapter Fly Out? By Ronnie Brown

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(Continued from page 2)

pilot. Garret flew us up Lake Norman, turning left at the Earl Steam Plant, over Little Mountain and Laney's field (which he recognized from the air without any hints from me), turning south back towards IPJ Garret continued to hold heading and altitude, where he eagerly turned control back over to me for landing.

Garrett truly enjoyed the flight, which was obvious by the way he was walking 12 feet off the ground after the ride. If you haven't volunteered to give Young Eagles rides, do so. The smiles on the young pilots face is worth the effort.

In addition to giving Garrett a ride, Ronnie Brown stopped by to take photos of the Young Eagles. Ronnie was instrumental in the completion of my RV-9 and it was my honor to give him a ride, no matter how brief.

Check Lists

During the flight with Ronnie, he reminded me of the importance of using a checklist. No matter how simple an aircraft is, the use of a checklist is key to a successful and safe flight. The use of a checklist is important, more so if the checklist is current and includes all the installed equipment. For those of you flying a certified or experimental aircraft, please make sure your checklists are up to date and use them.

Lancaster Fly-in

Just a reminder, plan on attending the Multi-Chapter flyin scheduled for June $21^{\rm st}$ at Lancaster, SC. This will be a very relaxed event where we will get a chance to meet aviation minded people from the Rock Hill, Columbia, Salisbury, and Hickory EAA chapters.

May 17th Chapter Meeting

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

For a change of pace the May 17th chapter meeting will be held at Dean and Naomi Unterreiner's house-hangar at Lake Norman Airpark. Lunch will be served at no cost to chapter members and their families. We look forward to seeing you there!

Hangar Update

by John Wigney

Chuck Porter, Sam Stewart and I attended the Monroe Airport Commission meeting last night. Chuck made a Powerpoint presentation which described EAA 309's activities and explained our desire to build a hangar at Monroe. The presentation was professionally put together by Chuck and it was well received. It was agreed that our requirements would be passed on to the engineers to be included in the study for optimisation of land use at the airport. At the suggestion of John Brattain, airport manager, we showed the specific location where we believe we will cause minimum interference with expansion plans. This location has a good parking area and has excellent access to the main ramp area.

This is a step forward and is basically the best we could expect. We know that there are several members of the commission who consider that EAA 309 would be a positive addition at Monroe. The study will take some time but feedback is expected before the end of the year.

By the way, the new name is Charlotte Monroe Executive Airport.

Young Eagles Flights

by Ronnie Brown

Great weather and lots of smiling faces were featured on Saturday, April 26 as Hal Schwab and company flew about a dozen Young Eagles.

Pilots Bill Repucci - RV9, Tom Waskow RV4 Elwin Smith - Cessna, Jim Dugger - Cessna, and Breece Nesbitt - Bird Dog flew the youngsters over Lake Norman and back.

Stuart helped his dad prepare prepare certificates and print photos of the smiling Young Eagles. See photos on page 9.

Homebuilder's Work Shop

By Bill Repucci

This year's Builder's Workshop followed the same format as the past few years. The day started out with a classroom session. Hal Schwab, Dean Unterreiner, Randy Utsey, Bill Repucci, Dale Ensing, David Borders, and Bob Thayer all shared their vast knowledge with the six people in attendance. After the classroom session we enjoyed some pizza and then spent the afternoon riveting together an aluminum toolbox, complements of Van's Aircraft.

Classroom topics included aircraft selection, metal working, tool selection, publications and paperwork, shop safety, Engine and maintenance. Needless to say each topic generated a fair number of questions which the instructors were able to answer.

This year's students were Tom Sled, Michael Ryan, Earl Lynch, Gerhard Ungerer, Jim Blair, and Dan Coggin

This year, prior to the class, a number of vendors were contacted and were more than generous in providing gifts and promotional material to hand out at the class. The list of vendors and products supplied were:

Van's Aircraft (<u>www.vansaircraft.com</u> – Toolbox kit Avery Tools (<u>www.avertools.com</u> – Rivet testers and cata logs

Van's Air Force (www.vansairforce.net – Baseball cap Aircraft Spruce (www.aircraftspruce.com – Catalogs Dynon Avionics (www.dynonavionics.com – Baseball caps and Brochures

Zenith Aircraft (<u>www.zenithair.com</u>) – Brochures Advanced Flight Systems (<u>www.advanced-flight-</u> systems.com – Brochures

Grand Rapids Technologies, Inc.

(www.grtavionics.com - Brochures

Sonex Aircraft, LLC (<u>www.sonexaircraft.com</u> – Brochures

Teledyne Mattituck Services Inc (http://www.mattituck.com/ – T-shirts

All the items donated to the chapter were received with enthusiasm. The baseball caps were proudly worn and the rivet testers were put to good use.

A big thank you goes to David Boarders, our gracious host. Without the use of his shop, it would be difficult to offer this class to our members. I would also like to thank the instructors and the vendors for their donations.

THREE ZERO NINER

Mark your Calendars!

5/17/2008 - EAA Chapter 309 Monthly Dinner Meeting at Lake Norman Airpark. See article on page 1.

May 16-18 Mid-Atlantic fly-in & sport aviation convention: *Fly-in *Food Lumberman 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.

Saturday, May 17 — EAA Chapter 731 Spring Fly In-Hickory (HKY) NC. Join EAA Chapter 731 for a great day of flying, food, and camaraderie. Young Eagle sign-ups. Aircraft judging awards. 7:30 AM - 4:30 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 7 Asheboro, NC -- NC Aviation Museum Annual Fly-In, 10 am-4pm: Vendors, Replica Sub, Raffle. Asheboro Regional(HBI) Email: ncam@atomic.net Web: ncairmuseum.org

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

Saturday, June 21 — Lancaster, SC - SE Multi Chapter Breakfast at Lancaster Airport (KLKR). 8 AM- 4 PM. Come out and join members from EAA Chapters from Charlotte, Columbia, Rock Hill, and Hickory. Breakfast and Lunch will be served. More info - see the front page and www.eaa309.org



July 28 - August 3 Oshkosh, Wisconsin

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WANT ADS 1998 Yamaha Virago 250 motorcycle

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

I installed a pair of **P-mag's** (www.emagiar.com on the Lycoming in my RV-9. On the way to SnF I thought I had a problem with one of them. This turned out not to be the case but the guys at E-mag Air gave me a brand new P-mag to install for the flight home. Thus, I have a 114 P-mag with around 8 hours on it that they asked me to sell for them.

E-mag Air is offering \$100 off the cost of this slightly used 114 P-mag (\$1,185 - \$100 = \$1,085), 1/2 off the ignition harness, and a full warranty. Oh, and since I'll deliver it to you, you will save shipping. If you want this, you will be buying this from E-mag Air, not me. I'm just holding on to it until they let me know what they want me to do with it. If I can sell it, great, if not, it will go back.

As I said, I'm running a pair of these things and now that they have solved their earlier teething problems, they have been bullet proof and I can recommend them without reservation.

Bill Repucci - 704-947-7160



UNDER CONSTRUCTION



Jim Schnicker Reports:

I have started a new project. After serious evaluation I purchased a Glasair Sportsman 2+2 kit in mid to late Nov. 07. I got the wings and tail kits Dec. 20 and was working on building a table to do the rudder Dec. 21.

The tail is done and have both wings well underway. I had to stop putting skins on as I ran out of clecos doing both at the same time but doing both at the same time will speed up that part of the assy. The rest of the kit should be here as you read this, due into Charlotte 5-5, as it turns out it will be my 55 anniversary of my solo in a J3 that I had bought shortly after HS graduation. I put a deposit on an Eggenfellner 200 HP engine during Sun N Fun. Anticipate its delivery in Dec. 08'

I had started looking at this airplane about 4 years ago and flew a demo flight in July 05 at Arlington on our way to Alaska. http://www.glasairaviation.com/kitcontentsportsman.html

Upholstery by Bill Repucci

I have a friend, Tommy Davis who is retiring from Mitchell Gold + Bob Williams (MG+BW) in Taylorsville, one of the premier furniture makers in North Carolina. Besides selling under their name, MG+BW makes upholstered goods sold at Pottery Barn, William Sonoma, Restoration Hardware, and others.

Tommy was the Senior Upholster in MG+BW's prototype shop and would like to keep busy in his retirement. After sharing with him how simple airplane seats are compared to home furnishings and hot rods, he would like to get involved sewing them up for the home built market. In our discussions he felt he could do the upholstery for a very reasonable price.

If you have your foam and material (leather or cloth) selected and are looking for someone to put it all together, I suggest you contact Tommy Davis at (828) 632-4104 or rosebud1953@yahoo.com

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 that the usual two machine guns

France, Sept. 5, 1917

There is practically nothing to relate about happenings since last Sunday. Work is going on as usual, and you would be very much interested in it if I could tell you any details, but I can't. We hope to get our establishment running on time if the States can give us any assistance at all in furnishing certain supplies.

Outlook on commissions has improved. Letters from our superior officers went to the Adjutant General yesterday, and he should cable Washington in a day or two. It will probably take two weeks to get a reply.

Sugar is very scarce over here, consequently you can't get really good eating chocolate. One or two shredded wheats would also be gladly received; it wouldn't matter if they smashed on the way.

Sunday, Sept. 9, 1917

Well, I haven't flown yet, worse luck, but on Friday I visited a testing field outside the city, and saw a few <u>real</u> aeroplanes. Only a person who has seen some of these French machines know what a real "avion" looks and acts like. Very small Nieuport and Spad scouts were going up and coming down all the time, and they certainly were immense. One fellow in a Spad came down to within 100 ft. of the ground and then flew horizontally, tail high, with the motor wide open. He was going about 120-130 miles per hour; then he pulled back on his elevator and let the machine shoot up 150 ft. at an angle of 45° before he levelled (sic) her off again. The power of that thing is enormous. It made me wilder than ever to get into a machine and get some instruction - - but my luck doesn't seem to run that way.

The officers at headquarters are getting some flying at this testing field very soon. Three of our bunch have flown in America, and will probably get some flying with the officers, but I doubt if they'll undertake to train an absolute hick like me. It will be rather hard to see fellows in my bunch going to fly while I am left behind for the third time, but I'm glad somebody is going to get some flying. I don't believe anyone has ever been so intensly (sic) eager to do anything as I have been to fly during the last six months, but it seems as if all possible obstacles have been put in my path in this respect.

Work has been going splendidly for the last few days. A lot of apparently insurmountable obstacles are in a fair way to flatten themselves out, due chiefly to the fact that they don't exist except in erroneous reports. Example: After we had just been told by all the men who should be posted on the subject, that a certain type of supply

THREE ZERO NINER

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Douglas Campbell (center) poses with fellow 94th Aero Squadron aviators <u>Eddie Rickenbacker</u> (l.) and Kenneth Marr(r.)

was absolutely unobtainable this side of the Atlantic, a man walked into the purchasing department, said he had in France a perfectly incredible amount of the stuff, and wanted to know if we could use any. That same sort of thing happened three times this week.

Welcome New Members

Alex Becker - Lives in White Lakes, Michigan. He and his wife, Marianne, are planning to move to Lake Norman Airpark in 2009. Alex is a CFII and has his ATP. He owns a Long EZ.

David Lloyd and Penny live in Charlotte. He has been flying on personal business 30 years, instrument and commercial. 6000+ hours. He is building an RV7.

Earl Lynch and Joyce Myers live in Charlotte. He is a mechanical engineer, past owner of a Gruman Tiger, and is now building full motion flight simulator.

David Quist and Pat live in Charlotte. He is working on a Kitfox IV.

We welcome these new members and between these new builders and Jim Schnicker, the chapter can count three new homebuilt projects and one flying homebuilt!

Welcome aboard!!!

Jim Dugger has all the seats filled for this Young Eagles Flight.



Breece Nesbitt helps his Young Eagle out of his Bird Dog



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Young Eagles Coordinator, Hal Schwab with a happy Young Eagle



Dale Ensing along with Bob Thayer, Bill Repucci, Randy Utsey, and Hal Schwab taught the Home Builders Class in April at David Borders shop. Above, the students are busy assembling the aluminum tool box provided by Van's Aircraft Co.



We Need You!



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
Address:		Family
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







NOTICE: Next EAA Chapter Meeting will be on Saturday, May 17 at Lake Norman Airpark. Hot dogs and Hamburgers free to members and their families, starting at 12 noon. At Dean Unterreiner's home, 455 Normandy Rd. I-77 to exit 36, left onto NC150. 1.5 miles to Perth Road, turn right. 3rd rd on left is Normandy Rd.

Call Bill Repucci at 704-947-7160 for more information.

