

# FLYPAPER



*March 2010*

*The Official Newsletter for EAA Chapter 477, Charleston, South Carolina*

## The President's Corner

Sometimes I just don't like February and am glad it is over. Why? For one, it is short. OK, only a couple of days, but it seems like it goes too fast and you don't get done what you want to do. Or at least that is my excuse. This February was darn cold too!

I spent another week on family business in Salt Lake City again this month. You might ask, "Why is that noteworthy for the newsletter?" Just that Greg and I have something in common now. In January when returning from OSH and the EAA Leadership Conference he was delayed a day in ATL by thunderstorms. I got stuck in ATL for 30 hours by the snowstorm! I swear, it seemed like three days, right Greg?

Reminds me of the old saying, "If you have time to spare, go by air. If you have more time yet, go by JET".

I'd like to thank two members for stepping up: John Schmidt, for his informative upholstery presentation at our February 11th meeting, and Earl Fisher, for arranging the CHS Tower & Radar Room tour on the 25th. There was some confusion about the date and a few couldn't make it. Sorry about that; Another tour is planned.

I would like to encourage all of you to keep up with the website [eaa477.org](http://eaa477.org) for a great list of monthly meeting topics and of course, the May Walterboro Wings-n-Wheels, website [wings-n-wheels.org](http://wings-n-wheels.org)

## Now for my Cozy Update:

The plane is in the hanger and my new shop therein is under construction. It was a great move and should have done it sooner. Still a lot to do to get things set up the way I want, but I am making progress. Moving has taken up the bulk of the time so far, but that task is just about done. *-Glen Phelps, President*

## Upcoming Events

**March 7** - Summerville Airport (DYB) – South Carolina Breakfast Club

**Thursday, March 11** – Jim Wilson gives a presentation on his trip to Alaska – (Page 3 for more details)

**March 21** - SCBC at Barnwell Regional Airport ([KBNL](http://KBNL))

**April 13-18:** - Sun n' Fun [www.sun-n-fun.org](http://www.sun-n-fun.org)

**April 17** - CAFB Expo <http://www.charlestonairexpo.com/>



**Saturday May 15** 10:00-2:00 (rain date May 22)  
Walterboro Wings-n-Wheels



## Genevieve Krimm Orange

1923-2010



I'm sad to report the passing of Gen Orange on Sunday February 21. Gen was a wonderful vivacious woman, who spoke twice at our Chapter 477 meetings about her fascinating aviation career. She was a CAP pilot, the first female flight instructor in Virginia, a corporate pilot, and former head of the the Virginia Aeronautical Historical Society.

Her obituary is posted at:

<http://www.legacy.com/obituaries/charleston/obituary.aspx?n=genevieve-orange&pid=140032476>

Services were held in Richmond, VA. Her family asks that in lieu of flowers, donations be made in Gen's name to her favorite charity, the Virginia Aeronautical Historical Society.

Chapter 477 will send a \$50 check. If you would like to add to that amount, please mail your check, payable to "EAA Carolina Lowcountry Ch. 477", with "Gen Orange" in the memo field, to our Treasurer, Rich Hassell, 1060 Stonehenge Drive, Hanahan, SC 29410.

*-Kevin Thorp, Vice President*

## February Chapter 477 Meeting

The meeting was called to order at 6:45pm on February 11, 2010 by Kevin Thorp, VP.

**Introductory Remarks:** Kevin welcomed everyone and thanked Rich Hassell and Tony Cole for bringing the drinks and pizza's. Glen Phelps, President is out of town and passes along his apology for not being able to attend tonight. John Schmidt will be giving a talk/demonstration on upholstery methods after the business meeting.

**New Business:** A 'special' election to appoint Brett Grooms as the club secretary and Ed Hensel as Membership Chair for 2010. Brett will be taking over the duties of secretary from Ed Hensel. Ed will become the Chapter Membership Chair. Both appointments were unanimously approved.

**Next Meeting:** Jim Wilson will be giving a presentation for our March Meeting about his Waco Bi-Plane adventure from Charleston to Alaska and back. Because we expect a larger than normal group, we are holding the meeting at "Felix C. Davis Community Center" in Park Circle at 6:30PM on Thursday March 11th. (More Information on Page 3, "Our Next Meeting of Chapter 477" ).



A trip to Savannah to visit the Gulfstream plant is in the works by Earl Fisher. Thoughts are to drive down as a group in the morning tour the plant have lunch and then tour the Mighty Eighth Air Force Museum. Date TBA but the tentative plan is around the end of March. Gulfstream doesn't normally give tours to aviation groups so this would be a rare opportunity for our members. Kevin Thorp will lead the coordination of transportation, dining, and museum

tour. A few members expressed interest in flying down which Earl will be looking into.

Glen Phelps received a request for our Chapter to host the SC Breakfast Club Meeting in Summerville on March 7th. A decision was made by the executive board to decline due to the short notice and difficulty in logistics. We still plan to host our annual event in August for the SC Breakfast club.

Walterboro Wings-n-Wheels event update. The executive committee has had several regular planning meetings to date. Present were also representatives from the Walterboro Airport and a coordinator for the Show Cars. We are expecting this to be a much larger event than last year and will need tremendous support from club members. A dedicated website for the event has been setup ([wings-n-wheels.org](http://wings-n-wheels.org)).



**Presentation:** John Schmidt gave a very interesting and educational presentation on upholstery techniques. John arrived, eager to share his knowledge and his trademark jelly beans for all to enjoy. Items discussed were sewing techniques, kinds of foam, types of thread, commercial verses home sewing machines, etc...

John also critiqued a seat fabricated by EAA477 Member Jack Wilhelmson.

Meeting Adjourned at 8:30pm.

-- Brett Grooms, Secretary



## Our Next Meeting of Chapter 477 North by Northwest 7200 miles to Alaska & Back

Please join us at 6:30 pm, Thursday, March 11 for a fascinating presentation by Jim Wilson, a Carolinas Virginia Antique Airplane Foundation (EAA Chapter 3) member. He will talk about his adventures flying a Waco cabin biplane, along with friends in a couple Cessna L-19s and a Bonanza, to Anchorage Alaska & back. This is one you don't want to miss!

We're expecting a few more people than usual, so the meeting will be at the "Felix C. Davis Community Center" in Park Circle. [Click here](#) or go to website at [eaa477.org](http://eaa477.org) for a map. Drinks and hors d'oeuvres will be served before the presentation.

## CHS Tower Tour

Thirteen chapter members and three guests gathered at the Aero Club before heading next door for a tour of the Charleston Tower. We were met by our escort from Raytheon and after signing-in we were taken to the conference room and given a briefing on the overall facility. We were then then given the opportunity to ask questions. EAA Chapter 477 members not being a shy group fired questions in rapid succession, below is a short summary if a few of those questions:

*How many controllers are employed at this facility? 'Approximately 38 actual controllers, with four or five being women.'*

*Do you have to have a college degree to be a controller? 'Not necessary; many controllers*

have prior military ATC experience and others have attended specific FAA ATC training programs. Everyone must pass specific FAA written and oral tests along with an extensive OJT program.

*How can pilots help controllers when we're flying?* 'Simple - Listen to our instructions. Pilots hear but don't always listen very well. Many times we issue instructions to turn right and the pilot inadvertently turns to the left. Another thing pilots can do which helps expedite traffic flow is turn off on the nearest taxiway after landing. Many times pilots don't realize we have 'fast movers' inbound and we are expecting the smaller/slower aircraft to make the first taxiway exit.

*Why are flights sometimes tracked in the system and other times are not?* 'If a pilot is flying locally then the controllers usually issue a 'local' squawk code and the flight isn't put in the system. If the flight will interact with other airspace usually the flight will be entered in the system. This requires a controller to enter all flight data such as aircraft type, altitude, destination, etc...

Do controllers work only certain TRACON or Tower positions? 'No everyone is qualified to work all positions but usually they work their primary position (i.e. tower or TRACON).

After the Q/A session we were separated in two equal groups. Each group proceeded to either the Tower or TRACON rooms.

In each area we were given a detailed explanation of the specific duties and equipment. Everyone was encouraged to ask questions and shown exactly what our aircraft look like in the darken TRACON room and how the controllers handle clearance, taxi and takeoff procedures in the tower. Ever wonder what it looks like when a controller asks you to 'Ident'? Well the controllers were pleased to show us and called a Skymaster flying and had him ident to let us see – blip, blip, bilp on the scope.

Once each group completed there particular area we switched places. After a wonderful and educational tour Earl presented the controllers a cake in appreciation of the time they spent with us. It was a fascinating insight into that mysterious voice heard over the radio and I think all pilots felt good knowing they are real people too and there to make our flying safe.



Again a special thank you to Earl Fisher for arranging this event and the Charleston tower for providing an outstanding tour.

-- Brett Grooms, Secretary

## **Upcoming Events**

### **Sunday, March 7, Summerville Airport (DYB)**

SC Breakfast Club. Chapter 477 is not hosting (our next one is Aug. 22 in Moncks Corner), but this will be a fun event to fly or drive to.

### **Thursday, March 11, "Felix C. Davis Community Center" in Park Circle**

Jim Wilson will give a presentation on his 7,200 mile round trip from SC to Alaska in a 1936 Waco YKS-6 cabin biplane.

### **March**

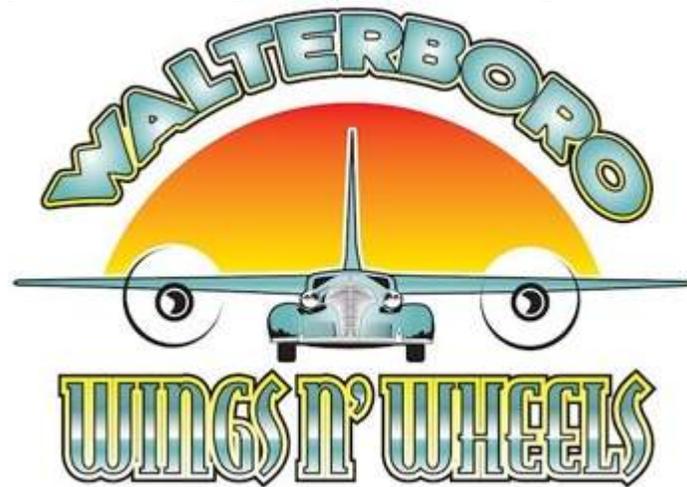
(Tentative) we might be taking a little trip to Savannah to tour the [Gulfstream](#) factory and the [Mighty Eighth Air Force Museum](#).

### **April 13-18<sup>th</sup>, The 36<sup>th</sup> annual SUN 'n FUN International Fly-In & Expo. Lakeland Florida**

One of the world's premier events for recreational aviation enthusiasts. The focus is on education with more than 450 educational forums, seminars and "hands-on" workshops; plus more than 500 commercial exhibitors who offer aviation products and services including all the major aircraft manufacturers; more than 5,000 aircraft of every size and shape. [www.sun-n-fun.org](http://www.sun-n-fun.org) or 863-644-2431 for info.

**Saturday May 15 10:00-2:00**  
**(rain date May 22)**

Walterboro Wings-n-Wheels. The executive committee has been meeting with the Walterboro airport guys, local businessmen and car club leaders. This event is shaping up to be even bigger than last year! For details go to [wings-n-wheels.org](http://wings-n-wheels.org)



## Flight Simulator Programs

To continue last month's article, 'Keeping Your Mind In the Game' I would like to take a moment to write about home flight simulators. Today's flight simulator programs such as Microsoft Flight Simulator X, X-Plane, along with others have greatly improved from just a few years ago. They are a great way to practice various procedures at virtually any airport you like. One of the neatest features is utilizing the simulator on-line, such as a virtual aviation sim network. This allows you to fly in a "real world environment", including realtime weather, ATC sim controllers, along with other sim pilots flying in the same airspace that you can actually see (i.e. They call out traffic at your 11, you look, and there they are).



All the procedures done in the real world can be accurately simulated on a typical home computer setup. If you'd like to fly a C172, Piper Cub, or even a 737 in this environment you need to fully understand the aircraft systems, such as GPS, Flight Management Computers (FMC), and IFR DP/STAR procedures. You'll also need to file a flight plan through the virtual network. On the ramp prior to taxiing or 'push back' you'll need to contact the appropriate controllers (clearance, ground, tower, departure, center) as you progress on your flight. Another advantage is the ability to become more comfortable talking to controllers.

There are several Sim communities on-line but VATSIM (Virtual Air Traffic Simulation network) is one of the more popular ones. More information can be found at [vatsim.net](http://vatsim.net). Its pretty amazing if you haven't seen or tried it before, and the best part is its all FREE.

-- Brett Grooms, Secretary

## Treasurer's Report

Jan. 10 Beginning Balance	\$2474.03
Monthly Receipt	20.00
Monthly Expenses	290.50
Petty Cash	30.00
End of Feb. 10 Bank Balance	\$2203.53

--Rich Hassell, Treasurer

**Low Country Sport Aviation, Inc.**  
**EAA Chapter 477**  
P.O. Box 62582  
North Charleston, SC 29419  
[EAA477.org](http://EAA477.org)



## **Membership Application**

***You must be a current EAA Member to join Chapter 477***

Name \_\_\_\_\_ EAA # \_\_\_\_\_ Exp.Date \_\_\_/\_\_\_/\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone; Cell \_\_\_\_\_ Home \_\_\_\_\_ E-mail \_\_\_\_\_

Send you meeting notices, newsletters, etc. via your e-mail? Yes [  ] No [  ]

Today's Date \_\_\_\_\_ Adult Membership [  ] Student Membership [  ]

Annual dues: Adults \$25.00 (if paid by Dec. 31 only \$20.00). Students \$12.

New members after Dec 31 pay dues pro-rated at \$2.00/month adults, \$1.00/month students.

Make checks payable to **"EAA Carolina Lowcountry Ch. 477"**

EAA 477 membership dues paid; Cash [  ] Check [  ] Amount \$ \_\_\_\_\_ Date Paid \_\_\_\_\_

Pilot Ratings (if applicable ) \_\_\_\_\_ Types \_\_\_\_\_

Total Hrs. PIC \_\_\_\_\_ Experimental \_\_\_\_\_ Last Flight Review \_\_\_/\_\_\_/\_\_\_ Hrs. since last \_\_\_\_\_

Aircraft you have owned or own now \_\_\_\_\_

\_\_\_\_\_

Aircraft you have built or building now \_\_\_\_\_

Aircraft you would seriously consider building/restoring \_\_\_\_\_

\_\_\_\_\_

Skills you would be willing to share/help other members in their homebuilt project \_\_\_\_\_

\_\_\_\_\_

Other skills/talents that can help our chapter \_\_\_\_\_

\_\_\_\_\_

Comments/suggestions, including membership in other EAA Chapters \_\_\_\_\_

\_\_\_\_\_

***Thanks, and welcome to Chapter 477!***

## MD-80 "STRETCH"



K.Thorp

### LowCountry Sport Aviation, Inc.

P.O. Box 62582  
North Charleston, SC 29419



President: Glen Phelps  
Vice President: Kevin Thorp  
Secretary: Brett Grooms  
Newsletter Editor, &  
Webmaster: Greg Horne  
Treasurer: Rich Hassell  
Young Eagles: Ed Roberts  
Web Site: [eaa477.org](http://eaa477.org)

## *You're Welcome to Join or Visit EAA477!*

*If you're not already a member of EAA Chapter 477 we'd love to have you join us!*

*Fill out the application included in this newsletter, or just drop in on one of our meetings & see what we're all about.*

*For more info go to [eaa477.org](http://eaa477.org)*

