Greetings everyone! I hope that this finds you and yours happy and healthy, and maybe even getting a chance to enjoy the amazing world of experimental aviation via AirVenture at Oshkosh. Unfortunately, as is seemingly typical, I will have to live vicariously through those of you who took the opportunity to make the journey. I look forward to many incredible stories and maybe even some updates from our members presented at the next couple of meetings before the year comes to a close.

I know that the August meeting is right on the tail feathers of the greatest experimental aviation event in the country, but we have a great presentation lined up thanks to Gary’s efforts and connections. We have Mr. Eric Davis, the Georgia State Liaison, from the Recreational Aviation Foundation via Skype from Denver, CO., and he will discuss that group’s history and activities. In the meantime, there is an excellent video on their mission and some pretty amazing back country flying that you will find on the web at http://www.theraf.org/. I think we are in for one outstanding presentation.

As a reminder, we are in the process of putting together names for the officers elections in November. If you are a member of EAA National and of our Chapter 1514, and have an interest in filling a position as an officer, you are eligible. We will get an update on the progress in the business portion of our meeting, which will be held on the 5th of August at Lovezzola’s Pizza, where dinner will start at 6:00 pm with our presentation and business meeting to follow at 6:30 pm. Please make sure that you take an opportunity to share our group and events with your friends and family who have an interest in the amazing world of aviation, because the phrase, "the more, the merrier" is exponential when in the world of aviation.

Message from the President
By Keith Gay

Greater Savannah Chapter 1514
EAA, Inc.
Volume 4, Issue 8
August 5 2014

"To promote, encourage, and facilitate in a harmonious and inclusive manner all recreational aviation activities with an emphasis on education, safety and fellowship".

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General Meeting Agenda
August 5 2014
6:00 - 7:30 PM
Lovezzola’s Pizza, US 80, Pooler GA

Call to order - Keith Gay
Guest Introductions
Presentation: Eric Davis, Georgia State Liaison for the Recreational Aviation Foundation, will Skype in from Denver to discuss that group's history and activities.

Break
Reports:
• President – Keith Gay
• Vice President – Mike Wordell
• Treasurer – Jack Scott
• Secretary – Doug McKissack
• Membership - Kathy Roberts
• Design Group – Will White
• Program Coordinator - Gary Arms

Discussion/Socializing
2014 Officers:

President:
Keith Gay 912-657-2696 keithmgay@gmail.com

Vice President:
Mike Wordell 912-660-1832 mnword@aol.com

Secretary:
Doug McKissack 912-965-4924 dmckissa@ix.netcom.com

Treasurer:
Jack Scott 912-441-6577 jscott@echosierra.net

Chairmen of Standing Committees:

Design Team Chairman:
Willard White 912-925-2478 whiteat50@comcast.net

Fly-In Chairman:
Swaid Rahn 912-655-0966 indigoaviation@gmail.com

Membership and Publicity Chairman:
Kathy Roberts 912-308-9164 katann23@aol.com

Program Chairman/Asst Newsletter Editor:
Gary Arms 912-665-1680 gary_arms@yahoo.com

Web/Newsletter Chairman:

Advisors:

Flight Advisor:
Ed Wischmeyer 912-665-2969 ed319@alum.mit.edu

Technical Advisor:
Bill Leftwich 912-401-8338 bill.leftwich@hotmail.com

EAA Chapter 1514 meets the first Tuesday of every month at 6:30 PM at Lovezzola’s Pizza, (328 US Highway 80, Pooler. 912-748-6414) or at an offsite location as dictated by that month’s program. Location of the next meeting is given in this newsletter.

Dinner begins at 6 PM with the meeting following.

Our next meeting is on: August 5, 2014, at: Lovezzola’s Pizza, US 80, Pooler, GA

Guests are always welcome.

The deadline for the September 2, 2014 newsletter is: Close of Business, August 22, 2014.

Upcoming Programs and Events
Gary Arms, Program Chairman

August 5: Eric Davis, Georgia State Liaison for the Recreational Aviation Foundation, will Skype in from Denver to discuss that group’s history and activities.

September 2: Rick Gaffney will discuss turning an ugly duckling into a beautiful bird; Finding older aircraft (sometimes at a great price) and bringing them back to airworthy status.

October 7: Joe Daniele of Lockheed Martin Flight Services will discuss how the company has been listening to pilots, investing in Flight Service-specific research and development, and rapidly modernizing Flight Service with new safety, efficiency and convenience-oriented capabilities.

November 4 - Michael Badger will present a program on advanced flight simulation

December 2: Christmas Party

Advertisements

For Sale: Two wheel folding 4' x 8' trailer with 12 inch wheels and 1,100 pound capacity. This is a new – never used trailer. Before I finished putting it together, I realized I couldn’t use it, so it’s 90% assembled and ready to road. Fenders and lights are included in a box. I would like to recoup my investment so I’m asking only $278. Willard White 925 2478

For Sale: Continental 4A-084 engine. Aircooled, 84 cubic inches, single magneto ignition. This engine has perhaps 15 minutes total time since new, however you should know that “new” was about 30 years ago. Asking $650. Willard White 925 2478
Design Group Report
By Willard White

Meeting: July 22, 2014

Objectives:
- Quickie Q2 discussion
- Progress on space to work on a project
- Wing spar

I brought a few pictures of my acquisition; a thirty year old composite home-built called a Quickie Q2. The trip to retrieve the airplane could be the subject of a book, but the short version is that it took six and a half days and about 200 gallons of gas to bring it home. Now I wanted a Q2 because it is remarkably fuel efficient; it will get up to 60 mpg – just how many miles will I have to fly it to make up for all the fuel burned on the highway bringing it home? Does this make any sense? It is in the garage and, although it has flown approximately 50 hours, my list of repairs and modifications is quite long and growing longer.

We have been discussing work space for some time now. Without having a specific project in mind, we all agreed that we need a space to work on a project in order to take the next step. There have been some developments in this area: 1. Robert Hodges is willing to rent us about 200 sq. ft. of space in the Quonset hangar for $125 per month. The space is about 10’ x 20’ and would NOT hold an airplane with the wings attached. It would be a good place to meet occasionally on a Saturday and grill burgers; shoot; we might even get some work done. 2. Creative Coast will soon open a 16,000 sq. ft. warehouse on the west side of downtown Savannah. This space will be equipped with community tools and will be parsed and available to Savannah area “Makers.” I’ve been labeled a “Maker” and submitted to a videotaped interview in which I made a case for the Design Group and taught my interviewers how to squeeze a rivet and pull a rivet into our training aileron. This is a pretty fluid situation, but I am on their e-mailing list and am hoping that we might get offered some space in the fall. Accepting this space would obligate us to share our knowledge with enthusiastic young people – something we want to do anyway.

We have basically decided to proceed with finding some space to work – to not decide is to decide to keep doing what we’ve been doing for three years now. We’re in a pretty good situation now, but we’ve agreed to move forward. We’ll bring it up at the Chapter meeting and beg for some help with the rent. The subject of fund raisers came up, the Ford Tri-Motor was mentioned, and we also discussed raising funds by sponsoring Sportair workshops. Savannah Tech now has a wonderful facility near Savannah - Hilton Head airport; perhaps we could convince them they should provide space for a workshop weekend. The Creative Coast facility might also be suitable.

We’ve been thinking our wing spar was unacceptably heavy and we suspected that we had applied our margin of safety twice. I seldom enjoy being wrong, but in this case investigation revealed that we had not applied the 50% margin of safety twice. We calculated the weight of the spar (44 lbs.), the skin (38 lbs.) and the ribs (5 lbs.) and concluded that we were on track to have a hundred pound wing which is in alignment with our original statistical estimate of 1.6 lbs./sq. ft. We also discovered that our gust loading was predicated on a Vc of 170 knots, which is very, very optimistic. After some research and exchanges, we reduced Vc to 150k. Doug says the reduction in Vc will reduce the weight of the spar in a linear fashion, but he will recalculate the gust loads and get the information to Esteban, who will plug the numbers into his spar schedule program. We think 150kt is more realistic.

The Chapter will meet in two weeks on the 5th of August, so we’ll meet a week after – that will be August 12th. Objectives: Progress on Space, Progress on wing design and more discussion on a suitable project. Thank you for an interesting and productive session. See you at the Chapter meeting.
EAA Chapter 1514 Meeting Minutes

July 1, 2014, 6:00 PM
Lovezzola’s Pizza, Pooler. GA

Guests in Attendance:
● David Twibell
● Aaron Abbs
● Royce Rahn
● Tom Folmar
● Dennis Varga
● Keith Conzachi
● Ian Evans

Members in Attendance:
● Mark Wishart
● Gene Yarborogh
● Bill Leftwich
● Ed Wischmeyer
● Jon Hartman
● Kathy Roberts
● Swaid Rahn
● Walter Summers
● Pratt Summers
● Will White
● Robert Harris
● Steve Bischof

Officers in Attendance:
● Keith Gay
● Jack Scott
● Doug McKissack

The meeting opened with a welcome to our guests, who were invited to tell the meeting a little about themselves. The guests included This included Royce Rahn, who recently received his multiengine and commercial ratings.

The introduction of guests was followed by the main presentation. Bill Leftwich had a set of slides on the Air Cam Fly-in in Clayton Georgia.

The chapter president noted that chapter elections are coming up soon, and called for volunteers for a nominating committee. Kathy Roberts, Bill Leftwich, and Jack Scott volunteered to serve on the committee. If you are interested in serving as a chapter officer, please contact one of them.

There was a brief report on the Savannah Aviation Association event in June. This was a barbecue at the airport pavilion just northwest of the airport. The event went well, and there was some discussion of the chapter hosting a similar event in the future, inviting some of the other aviation groups in the area such as PAMA or the Savannah Aviation Association.

Mike Wordell could not attend the meeting since he was out of town for recurrent training, but called in via Skype to discuss the training and offer up the possibility of bringing some training videos for future meetings.

The committee reports are as follows:

President’s Report - No report.

Vice President’s Report - No report

Treasurer’s Report - The treasury had a balance of $2182.99. Last month, $30 in taxes were paid.

Secretary’s Report - No report.

Membership Report - No report.

Newsletter/Website Report - No report.

Design Team Report - Will White noted that there is a partially completed KR-2 kit for sale at a reasonable price and asked if there was any interest in putting together a group to buy it and complete it. Other possible projects for the design group include:
● -Building a cockpit section

Minutes continues on page 5
Building a prototype wing panel (which might fit through doors easier than a full cockpit)

-Work with local schools

The design group agrees that we will need to find some shop space to start on a hands-on project.

Programs - The next meeting is scheduled for August 5 at Lovezzola's. The scheduled speaker is Eric Davis, Georgia state liaison for the Recreational Aviation Foundation, who will discuss that group’s history and activities.

- On September 2, Rick Gaffney will discuss turning an ugly duckling into a beautiful bird; Finding older aircraft (sometimes at a great price) and bringing them back to airworthy status.

- On October 7, Joe Danielle of Lockheed Martin Flight Services will discuss how the company has been listening to pilots, investing in Flight Service-specific research and development, and rapidly modernizing Flight Service with new safety, efficiency, and convenience-oriented capabilities.

- November 4 has a tentative program on advanced flight simulation

- December 2 is the date for the chapter Christmas party at Carey Hilliard's on Highway 21 in Garden City.

Fly-in Chairman – The fly-in chairman announced several fly-ins in the area in mid-July.

Old Business – None.

New Business – None

September 20, 2014
Recreational Aviation Foundation Fly Out

I'm working on a flight plan for September 20th that will involve a number of planes flying from NC08 (just across the GA/NC border) down to Steve Berg's place. Our route will follow the rivers and lakes with planned stops along the way including Swaid's Field. Most folks will be in Cubs, so we'd be about 3.5 hours of flight time.

We'll probably have one or two stops before we make it down to Swaid's, but the plan would be to try and arrive around 1pm.

After a visit there, we'll take off and head for Steve's place where we plan to have a cookout and do a low-country boil. I was also thinking that it would be fun to do some fly outs from Steve's over the marsh, particularly for the folks on the ground who'll be driving in to support the cookout.

In addition to those that will be making the entire trek, I want to make sure that folks in your area know about the event and will consider joining us for part of the trip or at Swaid's or Steve's.

Eric Davis
RAF Georgia State Liaison
edavis@theraf.org
www.theraf.org
https://www.facebook.com/rafsoutheast

Aviation Podcast Directory

Visit the https://player.fm/featured/aviation/series website to select from 41 different aviation podcasts.

Topics include radio control, flight simulation, UAVs, general aviation, flight training, and more.

You can click on the Recent button to select from the latest podcasts or the 41 Series button for a complete listing.
Rand Robinson - KR2s Project
For Sale: $800

Two Person Low Wing Design - Wood and Fiberglass Construction – Typically VW or Corvair Powered
Local (Oatland Island - 31410)

• ~100hrs into fuselage construction (pictured)
• All spruce & mahogany plywood to finish aircraft included.
• Price includes landing gear kit and wing attach fittings (pictured)
• Instruction Book, KR2s, KR2, and KR1 plans included
• Build log available.
• ½ gallon of t-88 Epoxy

My online build log is at http://n394ja.com/

For additional information on the KR design see:
• www.krnet.org
• www.nvaero.com

*Information from Nvaero’s website*

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*Contact Information:
Sean Duggan
Email: seanjuly1988@yahoo.com
Phone: 404-694-0916

If interested, I’m available on most nights and weekends to show the project
Mission:
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Please visit us on the web
www.eaa1514.org

and on Facebook
www.facebook.com/EaaChapter1514

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