



EAA Chapter 166 Greater Hartford, CT



EAA 166 Newsletter

Vol. 47 – Issue 6

June, 2011

Experimental Aircraft Association

Chapter 166

President

Aaron Gleixner
(860) 659-5602

Vice President

Russ Beers
(860) 643-9951

Treasurer

Dave Armando
(860) 633-4023

Secretary

S. Lamont McEvitt
(860) 496-1411

Webmaster

Allan Cross
(860) 342-1978

Newsletter Editor

Jack Hilditch
(860) 729-6948

Young Eagles

Gary Sweetman
(860) 250-5515

Flight Advisor

Joe Gauthier
(860) 635-4058

Technical

Counselors

Greg Prentiss
(860) 872-2278
Larry Gagnon
(860) 573-2205

This month's meeting will be held on
Sunday, June 26, 2011 - 7:30 PM

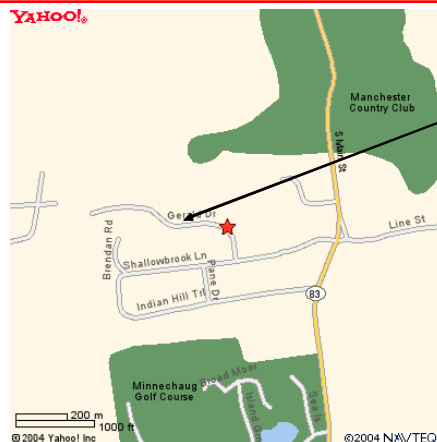
We will visit Russ Beers' house to see his
Glstar Sportsman Project
at

93 Gerald Drive
Manchester, CT 06040

Driving Directions:

To Russ and Dawn's: Manchester Exit off I-384 (**Exit #3**). Go South on Rte 83 (**Main Street**) about 1.5 miles, going past the Golf Course. Turn **Right** onto **Shallowbrook**, then **Right** again at the first available road **Gerald Dr**. Our house is the grey contemporary set back from the road, the 4th driveway on the right, #93.

I-384



House is actually about here,
Not where the little star is...

Phone: 860-643-9951

President's Message

Well I'm happy to report that the RV-10 is back up and flying after the six plus week condition inspection. Comments that the inspection was taking longer than the initial build did not go unnoticed, but what can I say, it's been busy. The good news is that no issues were found, and the down time allowed me to fix and upgrade all the little things I have been noticing for the first year. It's almost ready for the paint shop.

It seems like the weather really is not cooperating for chapter events this year. Both the fly-in at Windham and the fly-out to Quonset were called off over the past few weeks. Hopefully the second fly-in scheduled for September will fair better. For a while, it looked like the May Young Eagles event would also fall prey to the weather, but by late morning, the ceiling lifted enough to get flights started. We ended up flying around 30 Young Eagles. A big thank you to all the volunteers who hung around and helped make the event a success. The aircraft static displays kept many of the kids busy while we were waiting for the weather to clear. A special thanks to Chapter 1310 who sponsored a cookout for the volunteers after the event.

The next significant scheduled event is the Connecticut wide fly-out to Block Island for the 4th of July. This starts with breakfast at Bethany's diner on the airport, followed by the annual parade, and a day at the beach. The airport is aware of the event, and will be parking the fly-out airplanes together, so let them know you are with the group. This promises to be a great event for those who can attend. If you plan on attending, have questions, or need a ride, contact Bogdan Gutowski at bogdan.gch@gmail.com. He is trying to get a count of planes attending and working to assure everyone has a ride that needs one.

Hope to see you on the island.

Aaron

Secretary's Report

The May meeting of Chapter 166 was called to order by Aaron Gleixner at 7:30 pm with 18 in attendance. The meeting took place on 4/17/2011.

Guests included:

Wayne Kyder from Old Lyme
Gary Sepulvada

EAA166 welcomed its newest member, Ken Maher.

Progress Reports:

Aaron Gleixner's RV10 is undergoing its first annual. He is making some upgrades and the plane should be back in the air in two weeks.

Ben Brennan just bought a Beech Skipper located in Massachusetts. The survey is done and he expects to fly it home in the near future. He will keep it at Groton. This is a great

Young Eagle success story! Congratulations Ben.

Joe Gauthier has resumed work on the Glass Star.

Moe Schwartzmann has applied a layer of aluminum over the firewall fireproofing material and has finished fabricating aluminum seatbelt brackets.

Old Business:

Aaron reminded everyone that dues are due.

The next scheduled fly out is set for May 15 with the destination being Windham.

New Business:

Bogdan Gutowski is organizing a fly out to Block Island. The date for the fly out is the Fourth of July. More information is forth coming.

Our guest speakers were Jim Simmons, former president of the Meriden chapter, and Rick Bernardi. Earlier this year Jim entered a lottery for an invitation to fly in to Edwards Air Force in California and won one of a hundred invitations. Rick decided to accept the invitation and asked his good friend, Rick Bernardi, to fly co-pilot on the trip in Jim's Mooney 205. They spent a number of weeks planning the mission. Although they were prepared to fly each leg under IFR rules they fly IFR only for the last leg returning to Meriden. They had beautiful weather for the trip and enjoyed a number of stops along the way. To say that security at Edwards is tight is an understatement. However the Air Force rolled out the red carpet which included preparing a special runway and tie down area on the dry lake bed just for the event. Jim and Rick said they were treated like royalty during their visit. It was noted that Jim and Rick had traveled the farthest to attend the event. Rick had prepared a spread sheet on all details of the flight which he shared with the membership. They burned about \$2,500 in fuel. Jim also spent some time detailing just how well his iPad integrated with his navigation system and with Google Earth performed. Jim kept the iPad strapped to his knee board and was amazed at the ease of use and accuracy. Both pilots said they would do it again if the opportunity presented it self

The photography in the PowerPoint presentation was outstanding as were the graphics. The presentation was very well received and enjoyed by all. They did a really nice job.

The meeting adjourned at 9:40 PM.

Respectfully submitted,

Lamont McEvitt

Treasurer's Report – June 2011

Checking Account: \$ 3,097.97
Deposits: \$ 64.00 Banquet & Dues
Total Deposits: \$ 000.00 - dues
Total bills: \$ 00.00 – Internet
Balance in Ck. Acct. \$ 3,097.97
Plus decals, & etc.

Chapter Scholarship Fund ACCOUNT

Balance: \$ 884.23
Deposits: \$ 00.00 – DAR inspection
Bills: \$ 325.84 travel expenses to HQ
Balance: \$ 558.39

Duly reported by Dave Armando, Treasurer

As a reminder dues are renewed in January

Construction Corner

Have you ever spent hours trying to put a bolt through a hole connecting two parts? I have - the correct diameter but they just don't line up with each other to allow the bolt to make it through both parts.

Solution:

- Get a longer bolt of the correct diameter
- Grind the threaded end into a bullet shape
- File it to a smooth taper ending at the shank of the bolt
- Cut off the head of the bolt

Now you can insert the bullet shaped headless bolt (a follower) into both parts allowing you to insert the correct bolt behind the "the follower" as you push (hammer?) gently through the connected parts.

An added reminder when using stainless steel bolts, always use anti-seize to prevent over torquing the bolts and to allow removing nuts and bolts without shearing them off in the future.

Moe Schwartzmann

Month	Author	Topic
June	Moe Schwartzman	Bolt Followers
July	Tim Bourgeois	
August	Russ Beers	
September	Larry Gagnon	
October	Ken Benson	
November	Greg Prentiss	
December		Article Needed

Strongly Suggested Reading

Building Article of Significant Interest Recommended by Joe Gauthier

An article was recently published in the June 2011 edition of Sport Aviation called "Mod Masterpiece" about a newly minted RV-10. The piece focused on interior customization of this new aircraft and its comparison to current automotive interior styling features. I read the article, as one of many pieces crossing my desk, and never gave it more than a passing thought. My initial take was that someone had finally begun softening the sometimes pretty 'agricultural' look homebuilt vehicles (boats, cars, trucks, planes, etc.) often have. The RV-10's designer, Dick Van Grunsven, on the other hand, took a more critical view of the builder's modifications and was concerned enough to publish an article about them. Dick's perspective focused on the engineering and flight envelope issues encountered when adding to, or modifying, an aircraft design.

It was this article that Joe Gauthier brought to my attention. Joe suggested that reading it would be beneficial to all our members and I am in full agreement.

<https://www.facebook.com/notes/vans-aircraft-inc/what-price-a-masterpiece-by-dick-vangrunsven/237594966250883>

Young Eagles

In spite of the weather holding up flying until after noon, we had a successful Young Eagles Flight day on May 21st.

Volunteers from our combined chapters 166 & 1310 flew 29 youngsters and a few parents. We would like to thank all who participated for their efforts on behalf of our Young Eagles efforts.

Larry Gagnon parks his RV-6 for static display duty before heading over to the flight line to help organize flights.





A young Cub Scout getting ready to go flying with Chuck Cohen.

Aaron Gleixner getting another scout organized before flight.



All buckled up and ready to go flying in the RV-8A.



*Dave Armando's Rotorway
Exec drew lots of attention
from the crowd.*

*Gary Sweetman
gets a Young
Eagle organized
before flight.*



Additional images from the event are available at:
<http://www.eaa1310.org/cpg144/thumbnails.php?album=129>

Upcoming Events

Block Island Fly Out – July 4, 2011

The responses for the July 4 have been coming in at a good rate as of this past week. I am expecting a descent turn out as long as the weather holds. The FBO at Block is looking forward to this event and is ready for us. The day will include breakfast at Bethany's Diner, watching the parade, the fireman's steak fry, and a day at the beach. Since parking will be limited, please fill out this [FORM](#) to let us know if you're going over, and if you have extra seats or need a ride over. You can also contact Bogdan Gutowski directly for further details or to coordinate seats for chapter members temporarily without aircraft at: bogdan.gch@gmail.com

Other Events

As mentioned in previous newsletters, we are adding additional regional events as information becomes available. Be sure to check dates on the latest calendar version as some may have changed during the month as overlaps were noted. This calendar version includes events from chapters 166, 1310, 1363, 1478, 279, 324, 334 and 27. We expect to add more dates as other regional chapters forward them to us.

2011 Southern New England EAA Chapter Event Calendar				
Dates Valid as of May 16, 2011 - Event list will be updated as information becomes available				
Date or Dates	Rain Date or Day 2	Organization	Event	
6/25/2011	6/26/2011	Rhode Island National Guard Open House	With the Blue Angels - North Kingstown, RI	Overlap
6/26/2011		EAA Chapter 166	Visit to see Russ Beers' Project	
7/4/2011		All CT EAA Chapters	Fly-Out to Block Island	Overlap
7/6/2011		EAA Chapter 1363	Monthly Meeting (KOQU) Quonset Air Museum - 7:00 PM	
7/10/2011		EAA Chapter 1310	Cookout (Skylark)	
7/10/2011		EAA Chapter 1363	Fly-In and Pancake Breakfast - Richmond Airport (08R)	
7/13/2011		EAA Chapter 1310	Monthly Meeting (Skylark)	Overlap
07/16-18/11		Rotary Club of Wakefield	South County Balloon Fest - University of Rhode Island	
7/25/2011	7/31/2011	EAA National	Air Venture - Oshkosh	
8/3/2011		EAA Chapter 1363	Monthly Meeting (KOQU) Quonset Air Museum - 7:00 PM	Overlap
8/10/2011		EAA Chapter 1310	Monthly Meeting (Skylark)	
8/13 - 14/2011	8/14/2011	USAF Thunderbirds	Portsmouth, NH	
8/14/2011		EAA Chapter 1310	Corn Roast (Skylark)	
8/21/2011		EAA Chapter 27	Monthly Meeting (Meriden)	

8/24/2011	8/25/2011	EAA Chapter 1363	Aluminum Overcast B-17- Quonset State Airport (OQU), RI
8/28/2011		EAA Chapter 166	Monthly meeting (CTC)
9/7/2011		EAA Chapter 1363	Monthly Meeting (KOQU) Quonset Air Museum - 7:00 PM
9/10/2011		EAA Chapter 27	Annual Picnic & Chapter Open House (Meriden)
9/11/2011		EAA Chapter 166	Fly-In at Windham (KIJD)
9/14/2011		EAA Chapter 1310	Monthly Meeting (Skylark)
9/18/2011	9/25/2011	EAA Chapter 324	Simsbury Fly-In
09/22 - 24/11		AOPA Aviation Summit	KHFD & Convention Center
9/25/2011		EAA Chapter 166	Monthly meeting (CTC)
TBD		EAA Chapter 27	Young Eagle Rally (Meriden)
10/1/2011		Tweed New Haven Airport	Airport Festival
10/1/2011		Chester Airport (KSNC)	Chester Airport (KSNC). Chester Air and Land Festival
10/5/2011		EAA Chapter 1363	Monthly Meeting (KOQU) Quonset Air Museum - 7:00 PM
10/8/2011		EAA Chapter 1310	Taildragger & Vintage safety seminar (Skylark)
10/12/2011		EAA Chapter 1310	Monthly Meeting (Skylark)
10/15/2011	TBD	Joint Effort	Young Eagles Flight Day (Skylark)
10/16/2011		EAA Chapter 27	Monthly Meeting (Meriden)
10/30/2011		EAA Chapter 166	Monthly meeting (CTC)
TBD		EAA Chapter 27	Boy Scout Aviation Merit Badge Training Program (Meriden)
11/2/2011		EAA Chapter 1363	Monthly Meeting (KOQU) Quonset Air Museum - 7:00 PM
11/12/2011		EAA Chapter 1310	Monthly Meeting (Skylark)
11/11/2011		EAA Chapter 166	Annual Meeting & Dinner
11/13/2011		EAA Chapter 1310	Pancake Breakfast (Skylark)
11/20/2011		EAA Chapter 27	Monthly Meeting (Meriden)
12/7/2011		EAA Chapter 1363	Monthly Meeting (KOQU) Quonset Air Museum - 7:00 PM - Holiday Social dinner - bring a meal and enjoy the company
12/3/2011		EAA Chapter 27	Holiday Dinner & Awards Banquet
12/9/2011		EAA Chapter 1310	Holiday Dinner

In addition to this event, EAA National has a searchable calendar with more events that you can access here: <http://www.eaa.org/calendar/>

EAA Calendar Events listed within 100 miles of KHFD

http://www.eaa.org/calendar/eventlist.aspx?SearchState=&SearchCountry=&Zip_Code=06106&Miles=100&MilesType=M&AirportID=HFD&EventType=&EventTitle=&StartDate=&EndDate=

Chapter Fly-Outs – 2011 - Chris Wilson

So far the weather has knocked out each and every attempt at scheduling a fly-out this year. We will continue to try as the season progresses.

Chapter Project Updates

Dave Chapdelaine RV-7

Things are going pretty good on the RV front..... I was able to get her running very well, do a full run up complete with mag checks and to cycle the prop. First flight is about 2 weeks away give or take. I am now an official tailwheel pilot as well.

My best pic to date..... enjoy



To all who I have been lax about staying in touch..... My apologies. I have been very busy . Since the plane has emerged from the basement it has been a non stop work fest. I will make amends going forward. Dave

Interesting & Helpful Links

CT Legislators

<http://www.cga.ct.gov/asp/menu/CGAFindLeg.asp>

New information for pilots regarding taxi instructions and read-backs at towered airports

<http://www.faa.gov/documentLibrary/media/Notice/N7110.528.pdf>

Security Notams and TFRs locator

<http://www.aopa.org/whatsnew/notams.html>

Google Earth 3D TFR locator

<http://airspace.nifc.gov/mapping/nifc/index.cfm?isNIFC=True>

How to Overlay Sectional Aeronautical Charts in Google Earth

<http://www.wikihow.com/Overlay-Sectional-Aeronautical-Charts-in-Google-Earth>

Digital - Airport/Facility Directory (d-A/FD)

http://www.naco.faa.gov/index.asp?xml=naco/online/d_afd

Connecticut AME Listings

<http://flightphysical.com/search/search6two.cgi?State=CONNECTICUT&Areacode=&Zip=&Lastname=>

ForeFlight Mobile HD for iPad

(Weather, flight planning, AOPA directory, along with all the other apps, Internet, email, etc)

<http://www.foreflight.com/ipad>

iFly 700 GPS

<http://www.ifly.adventurepilot.com/>

SkyChartsPro (for iPad)

(Virtual stitching-together of all Sectionals, IFR Low, TAC and FLY charts plus A/FDs, SIDs, STARs, and Approach Plates)

www.skycharts.net

Uncle Jack – B-17 memories with Gary Sinese

<http://www.sleepingdogtv.com/reel/Uncle-Jack.aspx>

Spidertracks Aviator

(Aircraft Location System That Survives Every Crash — So You Can, Too)

<http://spidertracks.com/Home.mvc>

Aircraft Piston Engine Cooling Systems by Peter Law:

<http://www.enginehistory.org/Convention/2005/Presentations/LawPete/Cooling.pdf>

Tools on-the-cheap Soda Blaster for Carb Cleaning & Rebuilding

http://www.aircooledtech.com/tools-on-the-cheap/soda_blaster/

Cooling Aircraft Engines:

<http://www.experimentalaircraft.info/homebuilt-aircraft/aircraft-engines-cooling.php#>

Aircraft Wiring for Smart People (A Bare-Knuckles How-To Guide)

http://www.eaa.org/experimenter/articles/0903_aircraft_wiring.pdf

Chapter 27 Newsletter

<http://www.eaa27.org/newsletter/oct-2009.pdf>

Chapter 1310 Newsletters

<http://www.eaa1310.org/newsletters.htm>

Very cool sheet metal techniques

<http://www.youtube.com/watch?v=CwvBqRRvu00>

<http://www.lazzemetalshaping.com/>

LAX Arrival (Cockpit View – Very Cool)

<http://www.youtube.com/watch?v=0ac0bXkxM3E>

To Join EAA Chapter 166

We welcome new members. Our membership application is on www.EAA166.org in the **Chapter Library** section.

NOTE 1: Chapter dues are \$16 and run for a calendar year (Jan-Dec) unless one signs up Oct thru Dec, in which case his or her dues are good for that period and carry thru the following year.

NOTE 2: If you are not already a member of EAA, our parent organization, it's easy to become one by calling (1-800-5646-322). Be sure to tell them you're joining EAA (national) as a prerequisite for membership in Chapter 166.

Be sure to send our newsletter editor, Jack Hilditch, wmjack@t3cs.net an email to be put on the e-mailing list ASAP while your membership application is in the snail-mail to our Treasurer! To join EAA (national) click <http://www.eaa.org/memberbenefits.html> or call: 1-800-JOIN-EAA.

2010 EAA CHAPTER 166 MEMBERSHIP FORM

Please fill in the following information and mail with your dues to:

EAA Chapter 166, c/o Dave Armando

1765 New London Turnpike

Glastonbury, CT 06033

(Dues are \$16.00 per year, due in January, make checks payable to: EAA Chapter 166)

Name: _____

Wife or Significant Other Name: _____

Home Phone: _____ Mobile Phone: _____

Street: _____

City _____ State _____

Zip _____

Email address: _____

EAA Membership No: _____ Expiration date: _____

Pilot rating(s) held: _____

A & P ratings held: _____

Do you own an aircraft?: _____ Make & Model: _____

Registration No: _____

Are you building an aircraft?: _____ Make & Model: _____

% completed? _____

Are you restoring an aircraft?: _____ Make & Model: _____

% completed? _____