



EAA Chapter 166 Greater Hartford, CT



EAA 166 Newsletter

Vol. 46 – Issue 1

January, 2010

Experimental Aircraft Association Chapter 166

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Next Meeting

Sunday January 31, 2009

at the P & W Customer Training Center

Meeting starts promptly at 7:30 PM (19:30)

Please try to be on time as we have to accommodate P & W security

This month's program will feature

John Shade

who will provide an update on his wildly popular discussion of aircraft engine cooling that prompted so much lively dialog the last time he broached the subject.



New directions to the CTC (map & text)

There are new traffic patterns in place on the P & W East Hartford campus. You cannot exit the way you came in if approaching the CTC from I-84 or Silver Lane.

Inbound from I-84: Follow the **Yellow** arrows to the CTC
Leaving for I-84 (East & West): Follow the **Red** arrows past Cabelas
Leaving toward the South: Follow the **Blue** arrows to Main Street.

Presidents' Message

It's hard to believe another year has gone by, and it is January again. Fortunately the last few weekends have cooperated weather wise for those of us who continue to fly during the winter. It's always a little cold, but the airplane performance is hard to beat. I have been really focused on completing the RV-10 for a trip to the airport this spring. The last few months have been spent finishing the composite top and doors ... all I can say is hats off to those of you who build an entire airplane from composites, I don't know how you do it. Fortunately I can see the end in sight to keep me motivated.

The board of directors meeting was held this past Saturday to plan out the chapter events for the year. We will continue to hold the annual meeting at the same time and location. As we did last year, the intent is to have at least two project visits during the year. Finding good speakers for the meeting is always a challenge, so if any of you have a good idea, please contact John Shade and let him know. One thing that worked really well last year was the increased number of joint events with other EAA chapters in the area. I would like to continue building on this in 2010. Along those lines, we will continue to have joint Young Eagles events with Chapter 1310, along with members from the other local chapters who are able to participate. The first of these events will be at the new maintenance school at Brainard in May, while the second will be at Skylark in the fall. Jack Hilditch has done a great job consolidating all the local events into one calendar, and helping the chapters avoid conflicts. As I look at his 2010 calendar, there is something just about every weekend in the local area between fly-ins, Young Eagle events, airshows, etc. Definitely plenty of opportunities to get involved for those that area interested.

One activity that never really took off last year for a number of reasons was the informal fly-outs. I am committed this year to at least have an increased number of these events. For those of you with airplanes, I encourage you to participate, and for those without who would like to participate, we will try to pair empty seats with interested parties wherever possible. If you have a suggestion for a good fly-out location let me know. As with any EAA chapter, the level of activity is a direct function of membership involvement. I encourage each of you to attend our monthly meeting at a minimum, and get involved in other activities. It's always nice to see some less familiar faces at the various events.

Aaron

Reports

Treasurer's Report – January 2010

Checking Account:	\$ 3,038.52
Deposits:	\$ 1,369.00 (dues, calendars, banquet)
Total Deposits:	\$ 1,369.00
Total bills:	\$ 1,811.12 (for banquet, calendars, insurance)
Balance in Ck	\$ 2,596.40

Plus decals, & etc.

Chapter Scholarship Fund Account

Balance: \$ 1,755.73
Deposits: \$ 00.00 (DAR inspection)
Bills: \$ 463.98 (DAR expenses, annual EAA meeting)

Balance: \$ 1,291.75

Duly reported by Dave Armando, Treasurer

As a reminder, dues are renewed in January and are due now. Thank you,

Secretary's Report

Secretary's Report for October, 2009:

October 25, 2009 Meeting Minutes:

The meeting was called to order by President Aaron Gleixner at 7:47pm at the P&W Customer Training Center. No guests were present.

Progress reports:

Moe Schwartzman reported that Greg Prentiss had come for a visit to look over the progress on the horizontal stabilizer. It is now ready for mounting.

Jeff Dill reported that the Kitfox is flying again. A few hours of mostly touch-and-goes.

The Secretary's report and Treasurer's report were accepted as they appeared in the newsletter from last month.

Under "**Old**" **Business** everyone present congratulated Joe Gauthier on his recent 70th birthday!

Under **New Business**, Aaron reminded the Chapter that EAA calendars will be available for \$9 each at our annual gathering in December at the Wings café at HFD on December 19th.

The annual Banquet is scheduled for November 13th at the Chowder Pot. Attendees are encouraged to send their money to Dave Armando prior to the event.

Our meeting presentation was by Mark Scott, a 26year employee with Sikorsky, working advanced rotor concepts technology areas. Mark is a member of both Chapter 27 and 1443, and is currently building a Bearhawk. Mark's presentation centered on affordable aircraft ownership. During much of the construction phase of his Bearhawk, he owned a

used aircraft, and walked the membership through his logic of finding an affordable aircraft to use for a few years and subsequently sell. One of his primary points was to buy either an old cream-puff or an aircraft with a very nearly new engine, to minimize the depreciation hit during the ownership.

The meeting was adjourned at 8:55pm.

Respectfully submitted,
Russ Beers
Secretary Chapter 166

Note: There was no formal meeting in November or December although we did have an informal meeting at the annual banquet in November.

Paper Pilot Certificates Expire March 31, 2010

- [Click here to obtain printed renewal forms](#)
- [Click here to email your renewal application directly to the FAA](#)

Pilots cannot exercise the privileges of their **PAPER** pilot certificates after March 31, 2010. Certificates issued under 14 CFR Part 63 and 65 will expire March 31, 2013.

FAR 61.19(h) reads:

Duration of pilot certificates. Except for a temporary certificate issued under §61.17 or a student pilot certificate issued under paragraph (b) of this section, the holder of a paper pilot certificate issued under this part may not exercise the privileges of that certificate after March 31, 2010.

For more information click here:

http://www.aopa.org/members/pic/answers/2009/0905answers.html?WT.mc_id=090424epilot&WT.mc_sect=sap

Young Eagles

Last year set records for our joint chapter efforts. This year the chapter will again be holding a Young Eagles event in May or June with 1310 at Brainard. We are working on holding the event at the new CT Aero Tech school near the Brainard tower <http://www.cttech.org/cats/>. Dave Armando is studying for his A&P license at the school as are Al Witkin, Dave Christman and Pete Russell from chapter 1310. Details have yet to be finalized but the date we are trying to lock in is May 8, 2010. We will keep everyone posted when we have more details.

Upcoming Events

Southern New England EAA Chapter Event Planning Worksheet
(preliminary - version 3 - events still being added)

Date or Dates	Rain Date	Organization	Event
1/31/2010		EAA Chapter 166	Monthly meeting (CTC)
2/20/2010		EAA Chapter 1310	Pancake Breakfast (Skylark)
2/28/2010		EAA Chapter 166	Monthly meeting (CTC)
3/13/2010		Open Event	Mattituck Engine Build Seminar
3/20/2010		EAA Chapter 1310	Pancake Breakfast (Skylark)
3/28/2010		EAA Chapter 166	Monthly meeting (CTC)
04/13/10 - 04/18/10		Sun 'N Fun, Inc.	Sun 'N Fun Fly-In, Lakeland, FL
4/25/2010		EAA Chapter 166	Monthly meeting (CTC)
			Young Eagles Flight Day (Brainard) (Date not yet determined) 5/8/10 or 6/19/10 available
5/8/2010		EAA Chapters 166 & 1310	New England Aviation Safety EXPO - Daniel Webster College - Nashua, NH
5/8/2010		New England FAA & Daniel Webster College	Hampton Falls, NH - Hampton Airfield (7B3)
5/15/2010		Hampton Fly Market	Safety Seminar (Skylark) - Date is tentative - waiting for feedback from Jim Adams
5/22/2010		EAA Chapter 1310	
5/30/2010		EAA Chapter 166	Monthly meeting (CTC)
06/04/10 - 06/06/10		Joint Effort	Boy Scouts Centennial Jamboree (Hebron Fairgrounds) Young Eagles Rally (Meriden) This is a Thursday - (date is from the chapter 27 website)
6/10/2010		EAA Chapter 27	
6/12/2010	6/13/2010	EAA Chapter 1035	Young Eagles Rally (Danielson)
6/19/2010		EAA Chapter 166	Fly-In (KIJD)
6/26/2010	6/27/2010	Rhode Island Airshow	Thunderbirds - Kingston, RI Airshow
6/27/2010		EAA Chapter 166	Monthly meeting (CTC)
7/10/2010		EAA Chapter 1310	Cookout (Skylark)
7/17/2010		Joint Effort	Bradley Aviation & Space Day (CT ANG & NEAM)
07/26/10 - 08/01/10		EAA National	Air Venture - Oshkosh
8/14/2010		EAA Chapter 1310	Corn Roast (Skylark)
8/21/2010	8/22/2010	Westfield Airshow	Thunderbirds - Westfield, MA Airshow
8/29/2010		EAA Chapter 166	Monthly meeting (CTC)
9/19/2010	9/26/2010	EAA Chapter 324	Simsbury Fly-In
9/25/2010	10/2/2010	EAA Chapter 1310 & 166	Skylark Young Eagles
9/26/2010		EAA Chapter 166	Monthly meeting (CTC)
			Taildragger & Vintage safety seminar (Skylark)
10/9/2010		EAA Chapter 1310	
10/24/2010		EAA Chapter 166	Monthly meeting (CTC)
			Annual Meeting / Dinner (USS Chowder Pot Restaurant)
11/19/2010		EAA Chapter 166	

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=

Call for Construction Corner Authors

As you may have noticed, there is no Construction Corner article this month. We are in need of volunteers to pick up the slack for the available months (see below). If you would like to share some insights, tips or cautions please send me the month and topic of your choice and send me an email reserving the slot. Thanks in advance.

Jack

Month	Author	Topic
January		
February		
March		
April	Joe Gauthier	Resetting Circuit Breakers
May		
June		
July		
August		
September		
October	Ken Benson	
November	Greg Prentiss	
December		

Call for Stories & Photos

The weather in New England drives much of our normal activity indoors during the winter months. We don't get to see each other or go flying nearly as much as we'd all like. That being the case, I have considerably less chapter information or project updates to share with everyone. Please, if you have project updates, travel stories, interesting anecdotes or whatever, drop me an email so I have something to report. Surely there must have been some progress on projects during these past few (cold) months. How about it? Anyone out there?

Interesting & Helpful Links

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

UHS Spinners – Prop Spinner Vendor

<http://www.uhsspinners.com/index.html>

Connecticut AME Listings

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

The Incomplete Guide to Airfoil Usage (Courtesy S. Gills, Chapter 334)

<http://www.ae.uiuc.edu/m-selig/ads/aircraft.html>

UIUC Airfoil Data Site: (Courtesy S. Gills, Chapter 334)

<http://www.ae.uiuc.edu/m-selig/ads.html>

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#>

Combating Carb Ice: (Courtesy S. Gills, Chapter 334)

<http://www.aopa.org/asf/publications/SB09.pdf>

Chapter 27 Newsletter

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

Chapter 1310 Newsletters

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

At 780 MPH, Brian Udell holds the record for surviving the highest speed ejection from a U.S. Fighter Aircraft

<http://www.aviationspeakers.com/Speakers/brian-udell.php>

Craftsmanship Museum

www.craftsmanshipmuseum.com/index.html

Pelican's Perch Aviation Library

<http://www.warmkessel.com/jr/flying/td/jd/index.jsp>

Very cool sheet metal techniques

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

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

Trey Johnson's Amphibious RV-7

<http://www.youtube.com/watch?v=kj2aRT1eaQw>

Cutaway RV illustrations by Tom Johnson (excellent)

<http://www.vansairforce.net/graphics/Cutaway.pdf>

Alaskan aircraft recovery video – True homebuilders (courtesy of Ken Benson)

<http://www.optimaljet.com/OptimalJetHTML/mulchatnaHigh.htm>

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?_____