



EAA Chapter 166 Greater Hartford, CT



EAA 166 Newsletter

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April, 2016

EAA Chapter 166 Proposed 2016 Leadership Slate

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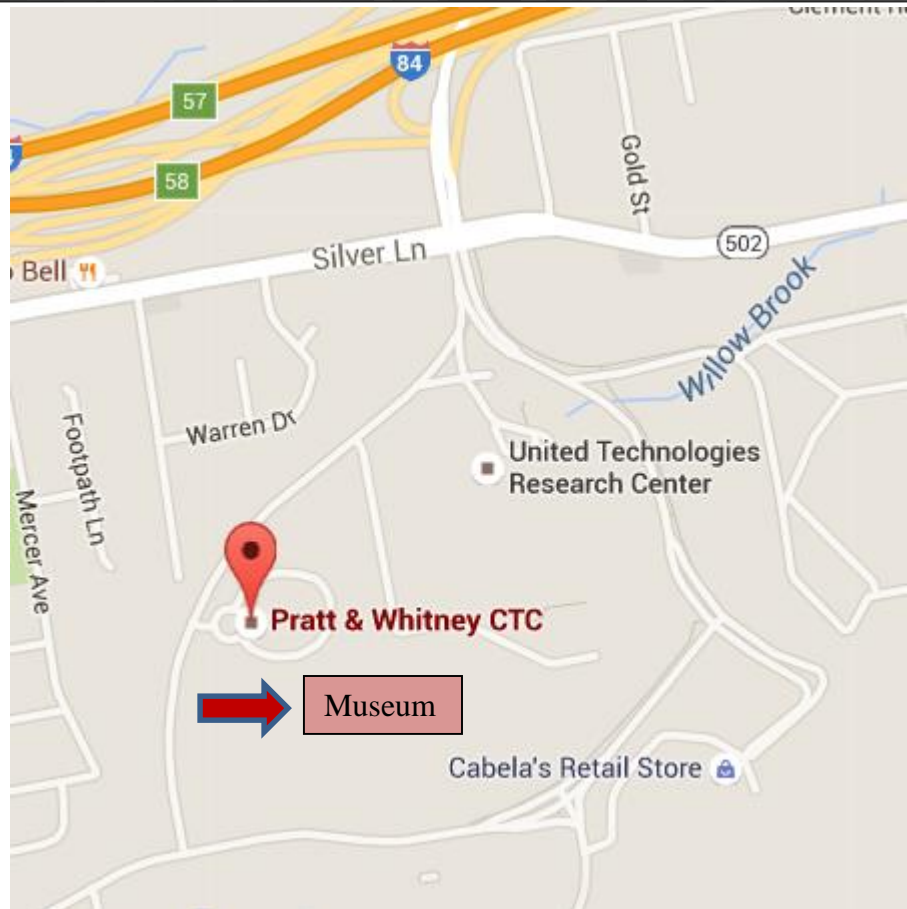
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[Chapter Website](#)
[Chapter Blog](#)

Our monthly meeting will be held at 10:00 AM on
7:30 PM - Sunday, April 24, 2016 at
P&W Museum (next to the CTC) in East Hartford
Program ADS-B
Ashley Kelly - Inside Sales Manager - FreeFlight Systems

Please arrive by 7:00 PM to catch up with fellow chapter members
before the meeting begins.



Significant construction on the East Hartford campus has altered traffic routes south and east of the CTC. Please look for signs directing detour routes as you leave the CTC parking lot.

President's Message:

April, 2016

April is upon us and darkness is holding off until 8:00 p.m. or so and the sun is up around 6:00 a.m.! More flying opportunities! What a nice thing to see!

I wanted to first mention that Skylark Airport (7B6) has a new owner, Bruce Bemer, who intends to keep Skylark as 'our favorite little country airport' as stated by Jack Hilditch, who sent out that fantastic announcement on April 14th! Jack, and the whole crew over at Skylark, have worked tirelessly over the past few years to help make sure Skylark didn't fade away, and their efforts have paid off. There is still much work to be done with the construction of the EAA Chapter 1310 hangar, maintenance of the runway, etc. It's only just beginning!

Our next Young Eagles rally will be held at Brainard Airport (HFD) on Saturday, May 7, 2016, from 10:00 a.m. – 2:00 p.m. Our April 2nd Young Eagles rally was canceled due to rain and low ceilings. Please be advised that if you plan to fly Young Eagles, you must have gone through the Youth Protection Policy and background check, as of May 1st. Finally, our Web Master, Al Cross, the students at the Academy of Aerospace and Engineering and myself have been upgrading our web site and will soon have a segment on the school's RV-12 project. If you haven't taken a look at our web site lately, please check it out! I think you'll like it! Also, if you have any ideas for our web site, please email Al or myself. Here's our site's address: <http://166.eaachapter.org/>

I hope to see you all this Sunday, April 24th, at 7:00 p.m., at Pratt's Customer Training Center, for our regular monthly meeting!

BLUE SKIES!

Steve Socolosky

Secretary's Report:

March 2016

Chapter 166 EAA Meeting: March 20, 2016

Meeting opened by Chapter President Steve Socolosky at 1930 sharp

Joe Rubeck was introduced as a guest; he is a maintenance instructor at The Connecticut Aero Center.

Aircraft progress reports were made by Norm Graham and Jim Glista. Norm had to resolve a magneto problem on the T-Craft; and Jim was searching for some aluminum sheet to repair a Luscombe tail component. (A third report was also presented but I did not get the name or topic.)

Secretary and Treasurer's reports were accepted as presented.

The RV-12 project team at the CREC Aero and Engineering School has begun work on the vertical fin; they also have completed the tool boxes which were finished to gain some hands on skill with metal working.

A new Connecticut Legislative Study has been initiated to review and substantiate the economic and community value of the Brained Airport in Hartford. The completion for this study is targeted for this fall, 2016. Concern was raised that this may be another opportunity for William DiBella to attempt the airport's death knell. To achieve a successful study result, local EAA Chapter participation will be vital.

A female student, Anna Schmitt, was awarded the scholarship to the EAA Academy to attend this summer.

Chapter 166 Young Eagles events are scheduled for April 2nd and May 7th. The Youth Protection Policy requiring volunteer registration, vetting and training will become effective on May 1st; this must be complied with for the May 7th event. For details and compliance see Mark Occhialini.

The Southbridge Airport diner has opened for the summer season; it has daytime hours during the Thursday through Sunday time period.

If you need a Chapter 166 name tag; see Ken Benson soon as an order is about to be placed.

Barry Stoner
Chapter Secretary

Treasurer's Report – April, 2016

Checking Account:	\$ 4,793.45
Deposits:	\$ 116.64
Total Deposits:	\$ 116.64
Total bills:	\$ 0.00
Balance in Ck. Acct.	\$ 4910.09
Plus decals, & etc.	

Duly reported by Dave Armando, Treasurer

As a reminder, dues ARE due in January and payable by Check only please. (\$20)

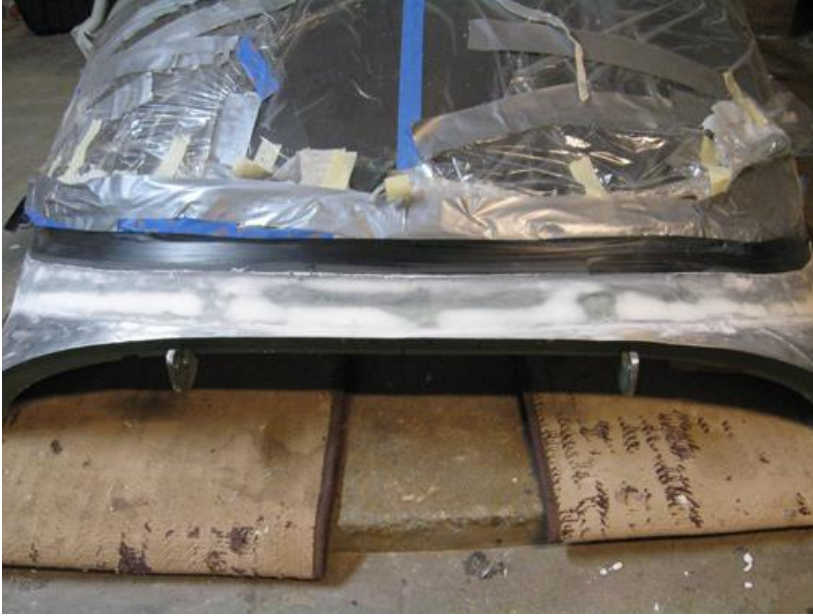
Payable to: EAA 166
Mail: Dave Armando
1765 New London Tpke.
Glastonbury, CT 06033

Young Eagles and Eagle Flights

We still Need Volunteers for the May 7, 2016 Flight Day. Please contact Paul or Mark to help.

Chapter Project Updates and Completions

Gil Midford – RV-7A



Almost done filling and sanding the forward canopy. Next step will be primer.

The alternator, starter and exhaust manifold have been installed.





As an FYI: The Vans supplied throttle bracket (shown in the picture) will not work on a Superior XP engine. The mounting pad is forward of the Lycoming position.

Regional EAA Calendar

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.

(Editor's Note: Please email any events you want added to: wmjack@t3cs.net)

2016 Southern New England & NY EAA Chapter Event Planning Calendar (v10)			
Dates Valid as of April 19, 2016 - List will be updated as information becomes available			
Date or Dates	Rain Date	Organization	Event
April			
4/24/2016		Chapter 166	Monthly meeting (CTC)
4/30/2016		Chapter 1310	Friends of Skylark - Spring Airport Work Party (7B6) 9:00 AM
May			
5/4/2016		Chapter 324	Monthly Chapter Meeting & BBQ @ 4B9 6pm
5/7/2016		Chapter 166 & 1310	Young Eagles Flight Day (KHFD)
5/11/2016		Chapter 1310	Monthly Meeting (Skylark-7B6) 7:00 PM
5/12/2016		Chapter 334	Monthly meeting - 7:00 PM - Mystic Jet Center (KGON)
5/14/2016	5/15/2016	Chapters 166 & 1310	Young Eagles Flight Day (KHFD)
5/21/2016		Chapter 1310	Safety Seminar (7B6) 10:00 AM
5/21/2016		Chapter 324	Young Eagle Rally @ 4B9 9am
5/15/2016		Chapter 27	Monthly meeting (MMK) 10:00 AM

5/22/2016		Chapter 166	Monthly meeting (CTC)
June			
6/1/2016		Chapter 324	Monthly Chapter Meeting & BBQ @ 4B9 6pm
6/8/2016		Chapter 1310	Monthly Meeting (Skylark-7B6) 7:00 PM
6/9/2016		Chapter 334	Monthly meeting - 7:00 PM - Mystic Jet Center (KGON)
6/11/2016		Chapter 146	Fly-In Pancake Breakfast - Kline Kill Airport (NY1)
6/11/2016	6/12/2016	Chapter 27	Young Eagles Rally at Meriden (KMMK)
6/11/2016 and 6/12/2016		RI ANG	Quonset Point Air Show - Thunderbirds
6/18/2016		Chapter 1310	Skylark Fly-in and Cookout (Skylark-7B6)
6/18/2016		Chapter 324	Summer Movie-In-A-Hangar Family Night @ 4B9 3pm - ?
TBD		Chapter 27	Monthly meeting (MMK) 10:00 AM
6/26/2016		Chapter 166	Monthly meeting (CTC)
July			
7/13/2016		Chapter 1310	Monthly Meeting (Skylark-7B6) 7:00 PM
7/14/2016		Chapter 334	Monthly meeting - 7:00 PM - Mystic Jet Center (KGON)
7/16/2016		Chapter 1310	Pancake Breakfast (Skylark-7B6)
		Chapter 166	NO JULY MEETING
7/6/2016		Chapter 324	Monthly Chapter Meeting & BBQ @ 4B9 6pm
		Chapter 27	NO JULY MEETING
7/25/16 thru 7/31/16		EAA National	AirVenture (OSH)
August			
8/10/2016		Chapter 1310	Monthly Meeting (Skylark-7B6) 7:00 PM
8/11/2016		Chapter 334	Monthly meeting - 7:00 PM - Mystic Jet Center (KGON)
8/13/2016		Chapter 1310	Corn Roast (Skylark-7B6)
8/3/2016		Chapter 324	Monthly Chapter Meeting & BBQ @ 4B9 6pm
8/20/2016		Chapter 324	Summer Movie-In-A-Hangar Family Night @ 4B9 3pm - ?
8/20/2016		KGBR	Great Barrington Fly-In (KGBR)
TBD		Chapter 27	Monthly meeting (MMK) 10:00 AM
8/28/2016		Chapter 166	Monthly meeting (CTC)
September			
9/7/2016		Chapter 324	Monthly Chapter Meeting & BBQ @ 4B9 6pm
9/10/2016		Chapter 334	Monthly meeting - 7:00 PM - Mystic Jet Center (KGON)
9/11/2016		Chapter 324	Simsbury Fly-In
9/14/2016		Chapter 1310	Monthly Meeting (Skylark-7B6) 7:00 PM
9/17/2016		Chapter 1310	Taildragger & Vintage safety seminar (Skylark)
9/24/2016		Chapter 324	Young Eagle Rally @ 4B9 9am
9/25/2016		Chapter 166	Monthly meeting (CTC)

TBD	TBD	Chapter 146	Fly-In Pancake Breakfast - Kline Kill Airport (NY1)
TBD		Chapter 27	Monthly meeting (MMK) 10:00 AM
October			
10/5/2016		Chapter 324	Monthly Chapter Meeting & BBQ @ 4B9 6pm
10/8/2016	10/9/2016	Chapters 1310 & 166	Young Eagles Flight Day - Skylark (7B6)
10/9/2016		KGBR	Great Barrington Tailwheel Seminar
10/12/2016		Chapter 1310	Monthly Meeting (Skylark-7B6) 7:00 PM
10/13/2016		Chapter 334	Monthly meeting - 7:00 PM - Mystic Jet Center (KGON)
TBD		Chapter 27	Monthly meeting (MMK) 10:00 AM
10/22/2016		Chapter 1310	Pancake Breakfast (7B6)
10/30/2016		Chapter 166	Monthly meeting (CTC)
November			
11/2/2016		Chapter 324	Monthly Chapter Meeting @ TBD 7pm
11/10/2016		Chapter 334	Monthly meeting - 7:00 PM - Mystic Jet Center (KGON)
11/19/2016		Chapter 166	Annual Meeting & Dinner
11/12/2016		Chapter 1310	Monthly Meeting (Skylark-7B6) 10:00 AM
TBD		Chapter 27	Monthly meeting (MMK) 10:00 AM
December			
12/8/2016		Chapter 334	Monthly meeting - 7:00 PM - Mystic Jet Center (KGON)
12/10/2016		Chapter 1310	Christmas Dinner
12/3/2016		Chapter 166	NO DEC MEETING - Wings Lunch Only
TBD		Chapter 27	Monthly meeting (MMK) 10:00 AM
12/7/2016		Chapter 324	Monthly Chapter Meeting @ TBD 7 PM

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](#)

EAA Chapter 166 Online Calendar
<http://www.166.eaachapter.org/otherevents.htm>

EAA Chapter 1310 Online Calendar
<http://www.eaa1310.org/calendarFrameset.htm>

SocialFlight is a website for pilots looking to find more than the usual \$100 burger
www.socialflight.com

Construction Corner – Ground leaning your engine
 Good Day Builder and Flyers

Below is an article written by an acquaintance from Florida who is an A&P, IA, ATP, airplane owner and Part 135 operator. He offers this through a newsletter to which he is a contributor. Remember you must adhere to your engines operators' manual...but this is good advice to follow if there are no other restrictions.

Remember you might be a Redneck Pilot if: there are parts of our airplane labeled John Deere....

Regards,

Ken Benson
EAA Chapter 166 Construction Corner

Ground Leaning

Ideally, engines are should be in good shape and shouldn't need any leaning on the ground. We all know that some engines are particularly prone to ground plug fouling, or may not be in tip-top condition. Sometimes it's just the delays on the ground such as IFR holds or a busy run-up area.

Our recommendation is ground leaning, but this needs to be done very deliberately so the engine is leaned far enough to quit if you should give it full throttle. If you don't do this it is very possible to become preoccupied and suddenly be told to expedite your take-off, and forget the engine is partially leaned.

It is possible for a partially leaned engine to be able to take off, but you risk doing cylinder damage by detonation by an excessively leaned mixture. I know, because I once did it and my engine monitor was flashing excess heat to me right at liftoff before I realized I had forgotten to push the mixture back in. I pushed the mixture in just as I lifted off.

Thus, personal experience taught me to lean right to the edge of the engine quitting at idle. That way if you give it power it will stumble rather than take off. I never would have noticed it if I didn't have a 6-cylinder engine monitor that flashed excess temps and I always scan it during the take-off roll. So a word to the wise-lean aggressively on the ground or don't lean at all. You cannot hurt an engine no matter how much you lean it at idle.

Local Knowledge

If you see something, say something, so other pilots in the area can benefit from your knowledge. Please send whatever you have to me in an email at: wmjack@t3cs.net so I can post it. The following are this month's **Local Knowledge** responses:

Skylark (7B6)

It's official! **Skylark is under new ownership and will remain an active GA airport.** All hangars are full and a few aircraft are on the tie downs. The runway lights are being upgraded and a PAPI system will be installed soon. Fuel is available and a new self-serve system is being researched. Paving companies are submitting bids for the runway renovation and the grass strip is in excellent condition alongside the runway. Chapter 1310 is working on preparing its hangar materials with the intention of trying to get it erected this year. A 'Friends of Skylark' airport work day is scheduled for April 30th to help spruce-up the grounds so if you'd like to help, drop by. Stay tuned, more to come...

Southbridge (3B0)

The restaurant at Southbridge Mass Airport (3B0), now named [The Blue Max Cafe](#), is open for business Thursday through Sunday from 0700 - 1500. Southbridge has also broken ground on a new Terminal Building which will replace the present 1940's era Manager's Office and FBO and may be finished this summer.

Keene, NH (KEEN)

A few of us flew up to Keene (KEEN) for breakfast at the [Dinner Table restaurant](#) this past weekend. I can recommend the Greek omelet and their corned beef hash. Prices are excellent and the place was packed.

Navigation and Safety

'Drone' hits BA plane: Police investigate Heathrow incident

What we've been concerned about has finally happened. A police investigation is under way after a British Airways Airbus A320 with 132 passengers aboard flew into what is believed to have been a drone at 1700' AGL as the aircraft approached Heathrow Airport on a flight from Geneva. <http://www.bbc.com/news/uk-36069002> . This is serious business! It is only a matter of time before tragedy happens. The FAA needs to get a handle on this issue. UAS aircraft certainly make a lot of sense for legitimate business use (see next article) but continued use by the non-qualified public who are unaware of airspace 'rules-of-the-road', or simply don't care, is a disaster in the making. Continued infractions clearly demonstrate the lack of knowledge or complete disregard for airspace safety.

Hartford Steam Boiler gets OK for drones

[According to an April 15, 2016 article in the Hartford Business Journal](#), the FAA signed off on a plan by Hartford Steam Boiler (HSB) to use drones in inspection work. HSB says "its plan is to fly drones to help customers identify exposures, manage risks and prevent loss, the specialty engineering and technical risk."

Effective December 21, 2015, anyone who owns a small unmanned aircraft of a certain weight must register with the [Federal Aviation Administration's Unmanned Aircraft System \(UAS\) registry](#) before they fly outdoors. People who previously

operated their UAS must register by February 19, 2016. People who do not register could face civil and criminal penalties.

FAA website on Unmanned Aerial Systems (UAS)
www.faa.gov/UAS

Can We Expect an end to the requirement for a Third Class Medical? Maybe!

[According to the AOPA website, the Senate has passed FAA reauthorization legislation, including third class medical reform](#), on a 95-to-3 vote with strong bipartisan support. The measure would authorize FAA programs until Sept. 30, 2017. The legislation which included 3rd Class Medical reforms but no ATC Privatization language, means that, in its current form, most pilots who have had a regular or special issuance third class medical certificate within 10 years of enactment will never need to see an aviation medical examiner again. Pilots would need to see a personal physician every four years, make note of the visit in their logbook, and keep a form signed by the doctor in their logbook following the examination. The bill now goes to the House for deliberation so stay tuned.

Interesting & Helpful Links

AOPA Pilot's Guide to Taxes

<http://www.aopa.org/Pilot-Resources/Aircraft-Ownership/The-Pilots-Guide-to-Taxes>

FlightChops - good flying videos of all types on YouTube

<https://www.youtube.com/channel/UCPOMdL9KIwcFMG9Bxppk4Mw>

Autonomous Flight Experiment Videos for engineers and model builders

<http://www.flyingmachinearena.org/videos/>

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=>

Aircraft Piston Engine Cooling Systems by Peter Law:

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

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 Newsletters

<http://www.eaa27.org/newsletter>

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/>

To Join EAA Chapter 166

We welcome new members. Our [membership application](#) is on www.166.eaachapter.org in the **Chapter Library** section as an MS Word document.

NOTE 1: Chapter dues are \$20 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.

2014 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 \$20.00 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? _____