

	<h1 style="text-align: center;">PROPWASH</h1> <p>PROPWASH is published for the dissemination of information for and about the members of Chapter 190 of the Experimental Aircraft Association (EAA). President Jeff Spencer, Vice President Charles P. Cozelos, Secretary Bryan Tauchen, Treasurer Ed McWhiney, WebMaster Jeff Spencer.</p>	
EAA Chapter 190	http://eaa190.weebly.com/	March 2011

Photo of the Month:



Huntsville International from the New Control Tower 26 February 2011

Presidents Message:

Jeff Spencer

Hello fellow members!

First, our February fly-in breakfast was a resounding success with more than 40 aircraft taking advantage of the wonderful weather and the unique atmosphere we have at Moontown airport. Thanks to all the members that came out to help with aircraft parking and to show our fellow aviation enthusiasts that special EAA 190 hospitality.

I mentioned in January that one of my primary goals as Chapter President was to refocus our efforts on those purposes for which our Chapter was founded. As a reminder, those are:

- To encourage and foster design and development of amateur-built aircraft

- To provide information, knowledge, and assistance to the amateur aircraft builders, restorers of vintage aircraft, and sport aviation enthusiasts
- To foster and promote aviation safety
- To encourage, aid, and engage in scientific research to improve the understanding of aviation and the science of aeronautics
- To provide a source of information and education for aviation related activities

Regarding aviation safety, I will continue to highlight and encourage member participation in events and seminars like the recent FAA seminar “Close Calls – Lessons Learned”. Additionally, Wes Conkle has agreed to begin writing a safety article for our monthly newsletter “Propwash”. Please help Wes by forwarding to him any topic ideas you have and/or any personal stories you’d like to share. These can be flying or aircraft-building related.

In our last Chapter meeting, Aaron Wypyszynski suggested that the Chapter consider creating an educational presentation, targeted towards teenage students, which would talk about aviation, getting a pilot’s license, the EAA, our Chapter, etc. We also talked about participating in the EAA “International Learn to Fly” day on May 21st by doing things such as a ground school and orientation flights. Both of these activities would serve as Chapter means to provide aviation information and education to the surrounding community and I look forward to us working together to make them happen.

Finally, I want to facilitate our Chapter getting involved in aircraft building again. I’m not advocating that we do a Chapter build project per se; however, I do want us to be in a position to help members and prospective members with their projects. That may mean that the Chapter finances the purchase of builder-related DVDs, it may mean we volunteer to help a member buck some rivets, it may mean we buy some common tools and/or equipment that would help the building community within the Chapter, it may mean we sponsor/conduct building related classes...you tell me. This is YOUR chapter. Please help me, the other Officers and the Board of Directors by telling us what YOU want out of the Chapter and also by contributing your skills and abilities. Thanks and be safe!

Member Spotlight:

Minutes of Last Meeting:

Bryan Tauchen

EAA 190 Chapter Meeting 2/19/11

The meeting was called to order about 10:30 AM in the Moontown FBO Building. Minutes of the previous meeting were included with the newsletter. No corrections were noted.

It was reported that the amended Bylaws and the Articles of Incorporation have been loaded onto the chapter website.

The treasurer was not in attendance and no report was available.

Approximately 42 aircraft flew in for the morning breakfast. Gross receipts were about \$750.

Aaron Wypyszynski reported that the CAP group has selected a 16 year old for the EAA Air Academy. We are on a waiting list for a slot in that age group. It is expected (but

not guaranteed) that a slot will become available on March 31. The chapter has not yet received the Young Eagles Credits report.

Motion was made and seconded to sponsor a CAP cadet to the EAA Air Academy.
Passed

It was announced that a tour of the HSV control tower and TRACON has been arranged for 26 February.

Lee Adcox has been tasked by George Myers to audit the treasurer's books.

It was suggested that the chapter become involved in aviation related school activities, especially with high school aged students. The program would probably involved monthly programs. Aaron Wypyszynski agreed to develop a written proposal.

International Learn to Fly day is May 21. Motion was made and seconded to have a chapter member coordinate learn to fly day activities with Jerry and Moontown Airport.
Passed. Jamie Dodson agreed to do this action.

The program for next month's meeting is a presentation by Bill Eliot, record holding glider pilot. Expect to be at O'Brians Restaurant on 15 March.

Other announcements – Charles Cozelos is looking for volunteers to fill several chapter positions. He is working on a chapter manual. He is also planning to organize the video library, including conversion from VHS to DVD. Jerry Barnett suggested reconfiguration of the kitchen facilities. Jim Harchanko will work with Jerry to develop a plan.

Meeting was adjourned.

Treasurers Report:

			Ed McWhiney
8/23/2010	Peter Valentine for 50% cut for Fly-In Breakfast	384.54	20,572.48
8/31/2010	No Bank Fee Charged this month		20,572.48
9/6/2010	Buckhorn expenses left off by mistake	93.24	20,479.24
9/18/2010	Income from Fly-In 9/18/2010	1,748.65	22,227.89
9/19/2010	Income from Fly-In 9/19/2010	440.50	22,668.39
9/19/2010	Peter Valentine for 50% cut for Fly-In Breakfast	1,325.62	21,342.77
9/19/2010	Check #1009 Joe Baldauf for Fly-In supplies	73.43	21,269.34
9/24/2010	MCHS Refreshment Stand during the Fly-In	153.00	21,422.34
10/3/2010	Check #1010 for Port-A-Pottys for Fly-In	150.00	21,272.34
10/18/2010	Income from Fly-In – 10/16/2010	625.00	21,897.34
10/18/2010	Membership dues – J. Dodson (prorated)	12.00	21,909.34
10/18/2010	Peter Valentine for 50% cut for Fly-In Breakfast	394.93	21,514.41

This Months Meeting Program:

George Myers

March Program – Soaring with Bill Elliott

Our March program will be held on March 15th, at 6:30 pm at the O Bryan's steakhouse on US 72 (a couple of miles east of Moontown). Our speaker will be Bill Elliott, a two time national soaring champion and member of the local Huntsville Soaring Club at Moontown,

who will tell us about his many soaring experiences. Please contact Charles Cozelos at cco-zelos@yahoo.com if you plan to attend.

Last Months Program:

The chapter met at the base of the new control tower at Huntsville International Airport Saturday morning 26 February for a wonderful tour. There were about 39 in attendance. We broke into 3 groups and took turns in the following areas. The Top of the tower and were shown what's going on there as they advise the aircraft on the ground. At the bottom of the tower in a very very dark room we were shown the radar stations that cover the different sectors around the HSV area. Interesting that the men in the air advise the planes on the ground, and the men on the ground advise the planes in the air.



Ray Palmer Air Traffic Manager HSV greeting EAA Chapter 190

The third area was a video presentation by the FAA explaining “Air Traffic Control”. I’ll admit the video was geared to the nonpilot, and I can understand why since I’m sure most of the folks who come through for the “Grand Tour” aren’t pilots. That said, the entire tour was simply great. What an opportunity to see up close what our tax dollars are going for, get an opportunity to talk face to face with those men and women whom we converse with every time we are airborne, and it was simply a great outing!



View of 36R from the control tower HSV

I’d like to thank everyone at the tower; all made us feel quite welcome. Oh, by the way.. Part of the video showed clips from many movies where Air Traffic Control was featured. One was PUSHING TIN. If you haven’t seen it, you should. If you have seen it, the

answer is that they would prefer to hire Billy Bob Thornton. Again, it was a great day to spend with fellow aviators and I believe this shows that the chapter is going to be quite busy this year doing a variety of “aviation” things. – Come out and join us!

Technical Corner:

Harold McMurrin

Young Eagles:

Aaron Wypyszynski

Many exciting events and topics are starting to take shape with Young Eagles this year. At this month's meeting, we officially voted to use our Young Eagles credits from last year to sponsor a Civil Air Patrol cadet to go to the EAA Air Academy. The application has been sent in and EAA 190 is currently on a waiting list until March 31st when pre held slots to the camp will be released. The camp will take place the week before and first few days of Oshkosh. The local Civil Air Patrol has selected Allen Murray. Allen is 16 years old and just joined Civil Air Patrol within the past year. He is extremely interested in aviation and looking to pursue his pilot's license with a goal of joining the Air Force. Look for more information about Allen in next month's article.

It is also my goal to start bringing more youth interest into the chapter. To do so, three initiatives have been proposed. These are preliminary ideas that we will be working on over the next month and will present at the next chapter meeting. If you have any comments or suggestions on the following ideas, I would greatly appreciate them.

- **School Outreach Program:** The goal of this program is to go out to schools and give 20-30 minute presentations about flying, aviation, EAA, and Moontown to inspire students with a passion in aviation to take the next step, get out to the airport, and get involved. The initial target audience will be high school students. Some of the topics of discussion will be the joys of flying and GA aviation, how to get involved in aviation, resources that can be helpful, and dispel some of the myths about boundaries preventing youngsters from following their dream to take flight. I will work on a draft of this presentation over the next few weeks. If you are interested in helping add to it and review the presentation, please let me know.
- **Youth Programs:** The next step after getting kids involved in aviation is fostering their passion for it and helping it to grow by giving them a routine place where they can look forward to going and learning and discovering aviation. To do so, I proposed putting together a program that meets regularly once or twice a month and have aviation activities. These programs could meet either at Moontown, a local school, or a chapter member's home depending on the program or topic (maybe after the pancake breakfast each month). Several volunteers would be required to make a program like this a success. If you are interested or know of a local school teacher that might be interested, please let me know. The EAA Young Eagles website has several

ideas for activities, but a brief highlight of some of the ideas I have thought of are:

- How does a plane fly?
 - What makes up an airplane (structure, engine, systems, avionics)
 - Weather and Aviation
 - How to preflight an airplane
 - Building techniques (building a small wing or RC plane)
 - RC plane flying and instruction
 - Basic Ground school
- Chapter Student Memberships: Following EAA Nationals lead and provide students (high school and younger) with free membership to the chapter. This would primarily consist of putting the student on the chapter email list and involving them in regular chapter meetings. It might be helpful to provide them with some type of card to help them feel like they belong as a part of the chapter. This would require a change in the chapter by-laws and will be discussed more at the next chapter meeting.

Flight Advisors NotePad:

Jerry Barnett

Projects Update:

Geoffrey Jeram
Jim Harchanko

Pulsar
RV

<http://www.carefreemaneuver.com/traveller/>
www.flickr.com/photos/rvflyer03/sets/

3M5 NOTAMs:

Jerry Barnett

Every Saturday Moontown has a Buffet Lunch at noon; Donations accepted.

Safety:

Wes Conkle

Our Chapter President has asked me to write a monthly column focused on safety, and I have gladly agreed. While I am still a baby in the aviation world, I do live and work with safety principles at my 'real life' job. Following a decade of service in the *US Navy* Nuclear program, I am now in training to become an operator at the TVA Brown's Ferry Nuclear Plant. The position requires a license from the Nuclear Regulatory Commission, and it's worth noting that the license is issued not on the basis of operating the reactor profitably (what TVA wants), but rather on ensuring safety of the public in case of an abnormal event (think Three Mile Island). To this end, our training is very focused on safety and risk management based decision making.

There are lots of aviation magazines and blogs out there, and safety has become a regular topic in all of them. It's possible that I may be repeating information that you have seen in your favorite flying magazine, and to avoid that, I would like to solicit our Chapter members

for personal examples of near misses, accidents, or safety conscious decision making. This will keep the topics personal and relevant to those of us who fly in Northeastern Alabama. Please contact me if you would like to discuss an event that you experienced or observed.

General Aviation flying is fun and convenient. The rewards are great despite the cost. If a pilot has a mishap, however, all convenience is lost. We fly with our friends and family, as well as prospective friends (Young Eagles), and we can all agree that safety is paramount with 'souls aboard'. In future columns I would like to explore techniques, methods, and mental paradigms that lead to safe or unsafe decision making when flying. Possible topics will include: use of checklists, go/no go decisions, environmental factors affecting performance, and human performance tools that can be used to ensure conservative decision making in the face of schedule pressure.

Pilots are fortunate to have many tools available for improving their skills. AOPA, EAA, and the FAA all have skills improvement programs that are free and easy to use, while helping to hone your decision making capability. Has anyone used the AOPA Aviation Safety Institute interactive lessons? Several Chapter 190 members attended the recent AOPA ASI presentation this month at KHSV, which was free and entertaining, as well as a great way to develop critical thinking skills. How many Chapter members participate in the FAA WINGS program? Have any chapter members taken a Mountain Flying course? (I know several have flown over the Rockies, and even in Alaska). It should be noted that these programs may seem simple to some of the more experienced pilots, but they matter to your insurance company. For example, Avemco offers a 5% credit to your premium when you complete an FAA safety course. Other rewards are available as well.

So let's fly safe and maximize our aviation results! If anyone has questions or would like to suggest a topic or share a story, please contact me at wconkle@hotmail.com.

Calendar of Events:

Mar 15	1830hrs	Chapter Meeting at O'Bryan's	http://eaa190.weebly.com/
Mar 19	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Mar 29-Apr 3	Sun n'Fun – Lakeland FL		http://sun-n-fun.org/
Apr 12	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Apr 16	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
May 17	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
May 21	0730hrs	Fly-In Breakfast at Moontown International Learn to Fly Day	http://eaa190.weebly.com/
Jun 14	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Jun 18	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Jul 12	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Jul 16	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/

Jul 25-31		Oshkosh AirVenture 2011	http://www.airventure.org/
Aug 16	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Aug 20	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Sep 13	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Sep 17-18	0730hrs	Annual Moontown Grass Field Fly-In	http://moontownairport.com/
Oct 12	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Oct 16	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Nov 12	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Nov 16	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Dec 12	1800hrs	Chapter Meeting & Christmas Party	http://eaa190.weebly.com/
Dec 16	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/

Joke of the Month:

Pilot wisdom:

Flying is hours of boredom, punctuated by moments of stark terror.

Truly superior pilots are those who use their superior judgment to avoid those situations where they might have to use their superior skills.

Rule number one: No matter what else happens, fly the airplane!

The propeller is just a big fan in the front of the plane to keep the pilot cool. Want proof? Make it stop; then watch the pilot break out into a sweat.

No one has ever collided with the sky.

If you're ever faced with a forced landing at night, turn on the landing lights to see the landing area. If you don't like what you see, turn 'em back off.

Never let an airplane take you somewhere your brain didn't get to five minutes earlier.

If you push the stick forward, the houses get bigger, if you pull the stick back they get smaller.

When around an airplane on the grounds never forget; a propeller will not hurt you..... It will kill you.

Every one already knows the definition of a good landing is one from which you can walk away. But very few know the definition of a great landing. It's one after which you can use the airplane another time.

Helicopters can't really fly — they're just so ugly that the earth immediately repels them.

Sorry folks for the hard landing. It wasn't the pilot's fault, and it wasn't the plane's fault. It was the asphalt.

What's the difference between God and pilots? God doesn't think he's a pilot.

Maintain thine airspeed lest the ground shall rise up and smite thee.

Airspeed, altitude, or brains; you always need at least two.

There are three simple rules for making a smooth landing every single time: Unfortunately, no one knows what they are.

Flying is not dangerous; crashing is dangerous.

Jet and piston engines work on the same principle: Suck and squeeze, blow and go.

The three most useless things in aviation.. Runway behind you. Airspace above you. Air in the fuel tanks.

What do you call a pregnant flight attendant? Pilot error.

From the Editor:

Charles P. Cozelos

The weather just keeps getting better and better. It's hard to believe that we've done so much in the first two months of the year. Member participation and picked up tremendously and it makes a difference. There are several things on the horizon so we should be busy all year long, the least of which is the Annual Grass Field Flyin that Moontown does every September. Won't be long before planning begins for that.

I am aware of an area that sure could use someone's help. A Chapter Historian/Librarian. I cleaned out our cabinet last week and was amazed at all the stuff we have on our bookshelf. The chapter even has 5 complete sets of airplane plans. If anyone has even a little interest in looking into this, please let Jeff know. It would be a great help no matter how much or little you do. I say that because I don't want anyone to feel overwhelmed by the task.

Going Someplace:

If you are planning on going somewhere and have extra seats or if you are looking to find a ride and are willing to split the expenses get the word out here; For example:

Joe Hasaplane	Cessna 172	2 seats	Oshkosh July 25-31	256-123-4567
Bob Needsaride		1	Sun n'fun 3/29-4/3	256-987-6543
Sam Eatinearly	Cessna 150	1 seat	Guntersville Breakfast 12/12	256-192-8374

Members Network:

. If you are a chapter member in good standing, feel free to add one (1) line in this section. You may advertise anything you wish. The intent is that it will be your business, your company, your house, car, plane, hanger or whatever. It's free and can run forever; the only limiting factor is one line per member per month. If you see something below that you can use, try them out, you'll be helping another chapter member.

Air Conditioning	Air Comfort Control	256-851-6991
Aircraft Maintenance	Southeastern Aircraft Rebuilders, Inc.	256-852-9781
Piper Warrior – 1978, 1/3 Share	Bryan Tauchen	256-852-7505
Pressure Cleaning	ReNew-It	256-682-0251

In need of:

Bandsaw	Geoffrey Jeram	216-407-0627
---------	----------------	--------------