

	<h1 style="text-align: center; color: purple;">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 Bryan Tauchen, WebMaster Jeff Spencer.</p>	
<p>EAA Chapter 190</p>	<p style="text-align: center;">http://eaa190.weebly.com/</p>	<p style="text-align: right;">June 2011</p>

Photo of the Month:



Jeff and Andrea enlarging our kitchen, 14 May 2011 Chapter Meeting

Presidents Message:

Jeff Spencer

Hello Fellow Members!

Summer arrived early this year didn't it? For those flying, please keep in mind the effects of density altitude on aircraft performance. This is especially the case for short turf fields like Moontown. When in doubt, err on the side of caution.

We had another great fly-in last breakfast last month. I took quite a few pictures but have been too busy at work and traveling to get them up on the website. Hopefully, I'll have them up before this newsletter comes out. After the breakfast, several chapter member pilots flew a number of Young Eagles and we also flew at least 3 adult orientation flights as part of the Chapter's participation in EAA's International Learn to Fly Day.

Our kitchen remodeling project turned out great! Thanks to Jim Harchanko, Paul Jacobs, Bryan Tauchen, Charles P. Cozelos, Andrea Atwood, Kevin MacQuinn, Jerry Barnett, Harold McMurrin and George Myers for helping out with the Kitchen/Breakfast Project on Saturday May 14th. The new tables (with storage underneath) are in place, the doorway has been widened, and the second stove was moved from the meeting area to the kitchen and re-wired. Thanks to Charles for cleaning out the old bookcase and removing a ton of superfluous pots and materials from the kitchen area. The Chapter donated the paperback books to the Salvation Army, which hands them out to the needy when they do their "Meals on Wheels". Unfortunately, the pancake griddle that I purchased from Amazon did not come with all the pieces so it had to be returned. A new one has been purchased from Lowe's and will be in operation by our June breakfast. The flow of traffic into and out of the kitchen during our fly-in breakfasts is MUCH improved! Thanks to Harold McMurrin for donating to the Chapter a lockable 4 door file cabinet. We still have some painting to do in the kitchen and some work to do in the adjacent meeting/gathering room to increase the seating capacity. I am going to propose that we take that on as Phase 2 of our project.

Our Chapter meeting this month will be on June 14th at Moontown Airport at 6:30 pm. We will have our normal business meeting and then our program will be a presentation by Jerry Barnett on his past flying experiences. It should be interesting. As always, if you have any ideas for Chapter projects or pro-grams or suggestions on how to make the Chapter better, please pass them on. Thanks.

Member Spotlight:

Minutes of Last Meeting:

Bryan Tauchen

EAA 190 Chapter Meeting 5/17/11

The meeting was called to order at about 6:30pm in the Moontown FBO.

Present: Davis Murray (Redstone CAP), John Frerichs, Wes Conkle, Aaron Wypysznski, Jim Harchanko, Jeff Spencer, Christopher Madsen, Bryan Tauchen

Jim Harchanko agreed to take over as treasurer. There were no objections.

Young Eagle report. Aaron Wypysznski reported that we did not have an opening at the EAA aviation academy for the CAP selected, Davis Murray. We may have to select a younger person for an available opening. (Latter update: A position has become available for Davis Murray.) Aaron reported that he has been distributing information to the area schools to find if there would be interest in a youth aviation program.

International Learn to Fly day is on May 17. We expect to fly young eagles that day as well as any adults that are interested. John, Jeff, Aaron, and Bryan expect to be available as pilots.

It was reported that the kitchen wall opening has been finished, the new TV mounted, tables made. A new griddle is on order. The kitchen should still be painted.

Motion was made, seconded, passed to purchase a portable grill (Weber Q100) from Jeff Spencer for \$162.

Charles Cozelos was asked to inventory chapter property. A desire to have a place to store the property was expressed.

Meeting was adjourned.

EAA 190 Board of Directors Meeting 6/2/2011

Present: Jeff Spencer, Jim Harchanko, George Myer, Bryan Tauchen.

Jim Harchanko was confirmed as the replacement treasurer. Officers need to meet at bank to complete signature cards and set up previously agreed CD. (Action for Jim Harchanko, Jeff Spencer, Charles Cozelos, Bryan Tauchen)

Motion to approve helping pay for transportation for child to EAA Aviation Academy. [Need name of child from Aaron Wypyszynski] Motion passed.

Chapter project – still need to paint kitchen and finish the reconfiguring of the dining area/classroom.

Discussion of possible storage area. Area behind hanger would need work. Agreed to table discussion until Charles completes an inventory.

Discussed the formula for sharing breakfast money with Buckhorn Band. Profit is gross receipts minus expenses. If profit is less than \$200, the band gets all of gross receipts. If profit is \$200-\$400, the band gets expenses plus \$200. If profit is greater than \$400, the band gets expenses plus half of profits.

Meeting was adjourned.

Treasurers Report:

Bryan Tauchen

	<u>Ch#</u>		<u>Credit</u>	<u>Debit</u>	<u>Balance</u>
3/27/2011		dues	\$30.00		\$22,262.36
4/16/2011		Breakfast \$312, dues 30	\$342.00		\$22,604.36
4/24/2011		dues	\$15.00		\$22,619.36
4/16/2011	1022	Buckhorn 186.72 exp + 125.28 profit		\$320.00	\$22,299.36
4/16/2011	1023	J Spencer - meeting cookout		\$102.55	\$22,196.81
5/14/2011	1024	void			\$22,204.81
5/15/2011	1025	J Spencer - TV, Brkt, Griddle		916.27	\$21,288.54
5/21/2011	1026	J Spencer - portable grill		161.98	\$21,126.56
5/21/2011	1027	Buckhorn Band exp + profit		438.14	\$20,688.42
5/23/2011		Breakfast + \$14 found cash	663.00		\$21,351.42
6/5/2011		G Myers - donation and LTM	150.00		\$21,501.42

Technical Corner:

Harold McMurrin

Safety:

Wes Conkle

Young Eagles:

Aaron Wypyszynski

May was a great month for Young Eagles Activities! We had a great Learn to Fly Day on May 21st. Thanks to Brian, John, and Jeff for helping to fly Young Eagles. We were able to fly 18 kids.

We also received great news on our goal to sponsor a local student to go to Air Academy up at Oshkosh this year. On Friday May 20th, I received a call from the Air Academy. Despite the dim outlook on getting a spot for Davis, the CAP cadet that has been chosen to be sponsored, a spot opened up! Davis will be attending the Advanced Air Academy July 19th-27th. I was already planning on flying to Oshkosh, so I now plan to depart a few days early so that Davis can fly up with me. It will be great to, 10 years after I attended the same camp, fly a camper in! Look for Davis at our meetings as he plans to join the chapter. Also look for him around Moontown; he hopes to start flying lessons soon.

Not only will we be able to sponsor one student to go to Oshkosh for Air Academy this year, but we have the chance to help sponsor travel for a second local student as well with the remainder of our Young Eagles Credits from last year! Shawn Tilley of Athens has been accepted to the Basic Camp June 19th-24th. He received a scholarship from air academy, but they are unable to afford the transportation costs. Shawn became interested in aviation after he visited the Moontown Airport and was told about the Young Eagle program. It was then that he met Rickey Weldon. Shawn was about 8 then. He flew with Rickey several times before his death. He returned to the Moontown Airport with his Boy Scout troop to work on his Aviation Merit Badge in 2009. Shawn decided he wanted to attend the Aviation Youth camp in Oshkosh so we went to the website and applied for a scholarship. He had to write a 250 word essay. His dream is to join the Air Force and to become a pilot. He wants to attend the youth camp and once he is old enough return for an internship or work study program to help kids that have the same passion for flying as he does. Shawn plans to be at our next monthly chapter meeting.

We are also starting to show interest in the Youth Aviation group, there are several students on the email list now and I plan on contacting them this week to try and set up our first meeting.

Flight Advisors NotePad:

Jerry Barnett

3M5 NOTAMs:

Jerry Barnett

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

Day of Spins:

Bryan Tauchen

On April 23 I flew my Warrior up to Sewanee, TN to get "spin training" at the Sewanee Aerobatics School (<http://www.aceaerobaticschool.com/>). All ground and flight instruction is given by Catherine Cavagnaro using the syllabi developed by William K. Kershner. The spin course involves about three hours of ground training and about two hours of flight training in a C-152 Aerobat. I was also given some homework to study before arriving for the class. The flying is split into two flights, primarily to allow the stomach to settle.

During the ground training, we talked about a number of aspects of spinning an airplane, including safety, certification standards, aerodynamic conditions, stalls, forces, and most important – recovery. Recovery in a C-152 consists of close throttle, neutralize ailerons, flaps up, opposite rudder to rotation, move yoke briskly forward, when rotation stops, neutralize rudder and pull out of dive. These steps may vary with other models of aircraft.

My first spin was an exciting event. We climbed to 8000+ feet and established the Nissan Auto Plant about 50 degrees below the nose. I started from a full power stall entry. Just as the aircraft was beginning to break, I kicked full left rudder, contradicting all of my past experience. The left wing immediately went into a full stall, while the right wing continued to produce lift. The plane rolled over on its back and started to rotate rapidly (200 degrees/sec) in a steep nose low attitude. I was told to use the Nissan Plant as a reference point, but I'll have to admit, the first couple of times it was just a blur. After three turns, I applied the recovery controls. The plane rapidly came out of the spin and started to fly. The desired recovery included a 3 g pull out from the dive. After doing several spins, I was able to keep oriented on a target on the ground.

One interesting demonstration was a simulated base to final stall/spin scenario. This is where the pilot lets a tailwind on base push him past the runway. Since the pilot has been trained to keep bank angles down when in the pattern, he tries to tighten the turn and get the plane pointed at the runway by using too much left rudder. The resulting skidding turn increases drag, causing more airspeed to be lost. This leads to an uncoordinated stall and a spin entry. I knew what was coming and quickly applied the recovery controls, but it still took nearly 1000 feet to recover. Not good if you are starting from pattern altitude.

I would recommend this kind of training for anyone who wants to learn more about the “edges” of the flight envelope.

Through The Eyes of the Next Generation of Pilots:

Hannah Brock

Projects Update:

Jim Harchanko

RV

www.flickr.com/photos/rvflyer03/sets/

Calendar of Events:

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/
Jan 17	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Jan 21	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Feb 14	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Feb 18	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Mar 13	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Mar 17	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
Mar 27-Apr 1		Sun n'Fun – Lakeland FL	http://sun-n-fun.org/
Apr 17	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
Apr 21	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/
May 15	1800hrs	Chapter Meeting	http://eaa190.weebly.com/
May 19	0730hrs	Fly-In Breakfast at Moontown	http://eaa190.weebly.com/

Joke of the Month:

An airliner was having engine trouble, and the pilot instructed the cabin crew to have the passengers take their seats and get prepared for an emergency landing.

A few minutes later, the pilot asked the flight attendants if everyone was buckled in and ready.

"All set back here, Captain," came the reply, "except the lawyers are still going around passing out business cards."

From the Editor:

Charles P. Cozelos

Not much to say here, cept – It's Hot! As mentioned earlier in the Presidents Message, be mindful of density altitude!! Summer takeoffs from 3M5 always raised my pucker factor.

Please pass on information about the chapter to anyone you run across who appears to have an interest in flying. I've never found anyone who didn't come out and express amazement as to what we have at Moontown.

I haven't seen it mentioned elsewhere in this months PROPWASH, but we are getting very close to the September Fly-In. I think we have slightly over 60 days left to get things planned.

Best wishes to all and I wish each of you a CAVU day.

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
Pressure Cleaning	ReNew-it	256-682-0251