

CORBEN COURIER

EAA CHAPTER 93

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Image Credit:
Jon Jones



Squawk VFR

Shane Baker

As the flying season begins to take off (pun intended!), the Chapter really begins to ramp up plans for a lot of outdoor activities. Hangar hangouts, pancake breakfasts, Heavy Bombers Weekend, and of course, Young Eagles rallies.

Chapter 93 has an amazing group of dedicated volunteers, and many of you are directly interacting with our kids on a regular basis.

For additional information search:
"eaa youth protection" or [click here](#)

If you work frequently with kids, EAA requires you be complete recurrent Youth Protection Program (YPP) training. This training is valid for three years, and renewing it doesn't take long to complete. This particular program is unique to EAA, so even if you have taken it for other organizations, you need to complete the EAA-specific training to be considered compliant.

I have said it before, but I am confident this will be an amazing year for Chapter 93. Thank you for everything you do to make your Chapter successful.

Until next time,
Shane

So What Exactly Is "Hypoxia"?

Brianna "Breezy" Moczynski

"Hypoxia" is a medical term that is defined as "a deficiency in the amount of oxygen reaching the tissues" and, in most cases that occur in aviation, is a generalized condition that affects the entire body. Hypoxia can have a slow or rapid onset depending on flight conditions and conditions of the airplane, and, in aviation, can be caused by breathing air at a reduced barometric pressure, increased levels of carbon monoxide, malfunctioning oxygen equipment at altitude, or rapid decompression during flight. Symptoms of hypoxia include fatigue, numbness or tingling of the extremities, nausea, disorientation, confusion, headaches, changes to the field of vision, tachycardia (or rapid heart beat), and can vary widely from person-to-person or instance-to-instance.

The risk of hypoxia can be mitigated by ensuring you follow the FAA requirements for having and using oxygen on board your plane during both day and night flights as well as carrying a pulse oximeter and/or CO monitor in the aircraft in a location in which you can see and hear the device if it starts alarming! These potentially life saving devices aren't useful if they're not within reach or ear shot and the levels of oxygen or carbon monoxide can vary widely depending on where in the plane they are measuring from: the air in your flight bag may be substantially different from that of the cockpit!

Each year at EAA AirVenture, the FAA provides an half hour long reduced oxygen exposure training/hypoxia exposure experience to interested pilots who hold a Third Class Medical or higher. The half hour long training includes an introduction and safety briefing before entering the chamber with reduced oxygen for five minutes, and a debrief afterwards to discuss the effects of the exercise. The session is free but seats fill up quickly and registration is day-of only, so check in with the FAA team at the FAA Aviation Center early if you intend on attending. The portable training enclosure is capable of simulating an environment with only 7% oxygen (equivalent to an elevation of 29,000 feet MSL) instead of the sea level value of approximately 21% with oxygen masks providing recovery oxygen when needed. In this carefully supervised environment, you can experience first hand the effects of hypoxia without the risk and danger involved in doing so mid-flight!

You'd be surprised how difficult basic math problems and word puzzles become as your heart rate sky rockets and your vision narrows in even this short amount of time. The experience is highly recommended for any serious pilot!

Compact pulse oximeters
can be life savers



Goodman Community Center STEM Night

Jim Sainsbury

On Thursday March 14th, members of the Youth Aviation Education Committee participated in the Goodman Community Center's Neighborhood STEM Night. A booth (a couple of tables lined up) was setup to highlight Chapter 93's Young Eagle Activities. We were joined by new member Jon Jones who is also a member of the Civil Air Patrol (CAP), who had a display with model rockets, radio controlled helicopter, and a drone. Member Nancy Burton also served a dual role representing Women in Aviation.



The setup for the Goodman Community Center STEM Night ready for visitors

Image Credit: Jon Jones

Young people (elementary through middle school) and their parents moved from booth to booth checking out various interests in Science, Technology, Engineering and Mathematics (STEM). Jon brought along Tony and Robert from CAP, and the five of us talked to those passing by about all things aviation. Most went away with the Aviore Comic Book, a space shuttle cut out model, an invitation to Young Eagle Flights, and of course a couple of candy treats (thanks Nancy). Many handled the CAP's rockets and had a blast.

March Chapter Gathering

Shane Baker

After cancelling our February chapter gathering due to poor weather, we were eager to get together for March.

Jurg Grossenbacher from the FAA Safety team of the Milwaukee Flight Standards District Office (FSDO) was our guest speaker, and he captivated us with an engaging presentation about runway incursions and other safety-related topics. He facilitated an a lively discussion amongst our members, and our own resident air traffic controller provided insight into operations at the Dane County Regional Airport.

It was a great evening of information and camaraderie, and we look forward to the next one.

Air Academy Summer Camp

The summer camp, taking place from June 16-20 and June 22-26 at KOSH, still has openings for the 12-13 year old age group!

Know someone who may be interested? Enroll them now!

More information is available on the [EAA webpage](#).

Newsletter Staff

Brianna "Breezy" Moczynski, Reporter, Editor
Travis Pederstuen, Designer, Editor

Have an interesting story to share?
Want to contribute or send feedback?
Please contact Breezy at: breezyjo1223@gmail.com

Upcoming: 1950's Movie Night!

Dean Zakos

If you were a kid in the late 1950's or early 1960's, on Saturday mornings you grabbed a bowl of your favorite sugared cereal or a glass of your preferred chocolate-flavored drink (Ovaltine, anyone?) and sat down on the rug in the living room in front of the family's black and white TV. Saturday morning TV shows, all weekly half-hour series, were about to begin. If you liked cowboys, there was *Roy Rogers* or the *Lone Ranger*; if you liked dogs, your favorite may have been *Rin-Tin-Tin*; if you were into horses, you waited anxiously for *Fury* or *My Friend Flicka*; and if you liked airplanes, you looked forward to:

Sky King

America's favorite flying cowboy. Operating from the Flying Crown ranch in Arizona, Sky King, his niece Penny, and their Cessna 310 named the "Songbird," find adventure every week. From the cockpit of their twin-engine airplane, they assist local law enforcement to catch the bad guys or look out for neighbors in need.

Whirlybirds

America's favorite charter helicopter pilots. Chuck and P.T. own a Bell 47 helicopter based in Southern California that is hired to perform all types of jobs. Along the way, they are called upon to test their flying skills. Often, they find trouble. But the good guys always win in the end.

Captain Midnight

America's favorite jet pilot. Operating from a secluded mountain top runway overlooking a major metropolitan city, Captain Midnight (along with his comic sidekick "Icky") lead a mysterious government group known as the Secret Squadron. Flying in the world's fastest jet aircraft, named the "Silver Dart," they travel at supersonic speeds to destinations across the USA and spanning the globe responding to those seeking help.

For our Wednesday, May 15, 2019 Chapter meeting, prepare to be transported back in time to one of these late 1950's or early 1960's Saturday mornings as Chapter 93 is proud to present a dinner and movie night at Rocky Rococo's Party Pizzeria West! Rocky's has a full-size movie theater set up for dining. A pizza buffet will be served consisting of a variety of Rocky's famous pan style pizzas, thin crust pizzas, a full salad bar, fresh Italian bread

sticks and soft drinks. Come early to enjoy pizza with old friends and new. Sway or bop to Top-10 hits of the late 1950's and early 1960's, including songs by The Platters, Buddy Holly, The Chordettes, The Everly Brothers, Bobby Darin, Ricky Nelson, Neil Sedaka, Roy Orbison, and Ben E. King, among others.

Rocky Rococo's Party Pizzeria West is located at 7952 Tree Lane, Madison, WI 53717, just off Mineral Point Rd. and the Beltline (Hwys 12/14). Doors open at 5:00 pm. Pizza Buffet served starting at 5:30 pm. EAA Chapter meeting at 6:00 pm. Show at 6:30 pm. Run times of the shows that will be presented are approximately 25 minutes each. You may want to consider bringing a stadium seat or cushion, as Rocky's movie theater is set up with tables and chairs but not with movie theater seats.

Cost: \$5.00 (cash) per person at the door (cost subsidized by our Chapter).

Registration is necessary so that we have an accurate count to provide to Rocky's. Every Chapter 93 member on the email list should receive a blast email on or about May 1 inviting you to register for this event. The registration period is open May 1 to May 12. If you are receiving the Chapter newsletter by post office mail, you should receive non-email notice to sign up for this event.

Please RSVP by replying to Dean Zakos by email at drzakos@sbcglobal.net or by text or telephone at 262-498-0942 by 11:59 p.m. Sunday, May 12 with your name and number attending.

EAA 93 supports members bringing friends, spouses/significant others and children to the event. Capacity will be on a first come, first serve registration basis.

Looking forward to seeing everyone and having a great night!

Member Spotlight: Tyler Stank

It's funny how life works sometimes. One of my dad's favorite stories, which he won't let me forget, is of an AirVenture many years ago, when I could probably count my age on one hand. He had offered to buy a ride on the Ford Tri-Motor for himself, my godfather, and me, but I refused to let him do it. I'd only been on an airplane once before and I was terrified. Like a lot of kids, I enjoyed anything that went fast and made a lot of noise, and airplanes certainly fit the bill, but I didn't want to be inside one unless it was parked.



Not long after that, my attitude toward flying did a 180. I'm not sure why or when, but my interest in airplanes became an interest in flying them and my fear of doing so vanished. The husband of one of my mom's co-workers took me for a ride in his Cessna 172 a few years later, and though it would be a long time before I flew again, I was hooked. I spent much of my remaining time in Sheboygan flying simulators and model airplanes.

I joined the Badger Aviators (and later the Wisconsin Flying Team) shortly after I moved to Madison in 2012 to pursue a degree in computer science. The group was full of people like myself - interested in aviation but with no real experience - but also included a few pilots. Their flyouts never fit my schedule, but one of those pilots offered to take me on a few rides in the summer as she was time-building for her commercial certificate, and I started my own flight instruction a few weeks after our first flight from Madison to Timmerman. Almost a year later, on July 3rd, 2014, I passed my private pilot checkride.

I graduated from the University of Wisconsin almost three years ago now, having worked briefly at a small startup and now at a larger computer engineering company since then. I bought a share of a 172 partnership and have enjoyed taking the



airplane on a few long trips (to see the Berlin Philharmonic in Michigan in 2016, the solar eclipse in 2017, and an International Horn Society symposium in Indiana last year), as well as bouncing around the local grass (and occasional paved) strips.

Late last year I started building an Ison Tandem AirBike from scratch. I've put together a few ribs so far, but I've already shuffled that project to the backburner; I'm hoping to change careers in the near future, and my money and time are better spent flying. I am currently finishing work on my instrument rating, and I hope to have my commercial certificate by mid-year and CFI by the end of the year.



Interested in being the next Chapter member featured in the "Member Spotlight"? Would you like to nominate another member? Contact Breezy at breezyjo1223@gmail.com.

Local News: Above the Clouds

Brianna “Breezy” Moczynski

After retiring from United Airlines as a 777 Captain, Susan Schwaab (who is also our newest member in the Chapter) wanted to give back to the Madison community by beginning a local chapter of Above the Clouds, the first of which that was started outside of the original seven-year-old non-profit group in Boston. Above the Clouds is an aviation organization whose target audience are children and teens that are seriously ill, disabled, underserved, or that otherwise face adversity. The goal of the organization is not necessarily to have the kids that partake in the flying experience catch the aviation “bug”, but instead to bring joy and inspire hope into children and teens that are leading difficult lives and to show them that opportunities exist for everyone regardless of race, gender, health, or religion.

She will be beginning the local chapter at the first of three levels of involvement, called a “Dream Flight”

which, similar to Young Eagles, allows these children to fly with a local pilot in a small airplane. The pilot would be expected to spend an hour with the child, meeting the parent(s) or guardian(s), including about forty minutes of flight time. The goal is to make the experience all about the child that is flying and showing them that the sky is the limit!

Susan is looking for volunteers both as ground crew and as pilots for the Dream Flights, each of which will be hosted at Morey Airfield, on Saturdays July 13th, August 24th, September 21st, and October 12th, with the following Sundays as rain days. Pilots would be required to have 300 hours as PIC and have a minimum of an instrument rating. There will also be a pre-planning event on June 1st at Morey Airfield. For more information, reach out to Susan at susan.schwaab@yahoo.com.

Please consider giving your time to help inspire children in need!

Piper Bailey’s Young Eagles Flight in Rob Tweed’s Lancair 235 Image Credit: The Baileys



Images from the Tom Rebholz Memorial Chili Fly In



Great weather and great chili led to a wonderful turnout
Image Credits: Skot Weidemann

Calendar of Events:

Chapter 93 Member Gathering

(Wednesday) April 17th, 2019 (18:00 Social, 18:30 Program)
Fitchburg Community Center

Builders and Restorers Workshop

(Wednesday) April 24th, 2019 (18:00) Morey Conference Room

Chapter 93 Board Meeting

(Wed) May 1st, 2019 (18:00) Morey Conference Room

Students and Rusty Pilots

(Wed) May 8th, 2019 (18:00) Morey Conference Room

Chapter 93 Member Gathering/Movie Night

(Wed) May 15th, 2019 (17:00 Doors, 17:30 Buffet, 18:00 Meeting, 18:30 Show)
Rocky Rococo's Party Pizzeria West, 7952 Tree Ln. Madison.
RSVP May 1st-12th, \$5.00 ticket fee

Bill Rewey's "Celebration of a Life Well Lived"

(Sat) May 18th, 2019 (13:00 Gathering, 14:00 Ceremony); Sugar Ridge Airport

Chapter 93 Pancake Breakfast

(Sun) July 7th, 2019 (07:30-12:00) Morey Airport

Heavy Bombers Weekend

(Fri - Sun) July 19 - 21 (09:00-17:00) Wisconsin Aviation

Upcoming Young Eagles Event Dates

May 11th, August 10th, September 28th

Congratulations
to our EAA
Chapter 93
Ray Aviation
Scholars!!!:

Piper Bailey

and

Noah Forcier

Builders and Restorers March 29 Meeting



Don Carl Jones shares what he learned while constructing wing spars for his Sonex project and discussion follows

Image Credits: Skot Weidemann