



February
2018

www.414.eaachapter.org

February							Upcoming Chapter Events		March						
S	M	T	W	T	F	S			S	M	T	W	T	F	S
28	29	30	31	1	2	3	8 Chapter meeting (WHF)	8 Chapter meeting (WHF)	25	26	27	28	1	2	3
4	5	6	7	8	9	10	21 IMC Club (Stick & Rudder)	21 IMC Club (Skill Aviation)	4	5	6	7	8	9	10
11	12	13	14	15	16	17			11	12	13	14	15	16	17
18	19	20	21	22	23	24			18	19	20	21	22	23	24
25	26	27	28	1	2	3			25	26	27	28	29	30	31
4	5	6	7	8	9	10			1	2	3	4	5	6	7

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From the Pres...

I can't fix the world, but I can try and make my corner of it a little bit better. Long before my involvement in EAA, I have been involved in encouraging kids in activities with a science or engineering component. Some of the efforts were small and some were big but I figured if I could just get a few of them turned on to science and

encouraged their curiosity, I would have at least made my little corner a bit better.

A few months ago I wrote about the work some of us had been doing with McCall School. It is the grade school at the corner of McAree and Yorkhouse on the south side of Waukegan Airport. A couple of years ago some of the staff at the school decided that they would like to adopt an aviation theme for the school. They became the McCall Aviators and started adding aviation-themed activities to the school. An aviation club was started and the school started actively cultivating a relationship with the airport. They contacted me in my then roll as Young Eagles Chairman asking if there was "anything we could do to help them?"

There have been some false starts. A prolonged strike, school budget cuts and some shifts of personnel have all slowed down the effort, and yet they have persisted. With the aviation transition plan now in its second year, most of the kids tour the airport and/or the Warbird Heritage Foundation. Aviation reading nights are held every year and the aviation club for 4th and 5th graders meets weekly. And finally it has come back around to us, EAA 414.

Over the winter we agreed that we would take one of our early Young Eagles' dates and devote it to McCall. The goal will be to fly every kid in the 4th grade. By chapter standards this is only about 75 kids, which is about average for one of our rallies. Additionally we are going to try and fly any staff member who wishes, under the Eagle Flight program. To my knowledge, this is first time we will have tried to make such a broad effort in a relatively small population. It should be bolstered by the effect of McCall integrating aviation into their classrooms school wide with projects in every grade through the year, perhaps with some help from the chapter.

I have no idea what the outcome will be. The hope, of course, is to add impetus to the McCall aviation program. Our goal is to fire up the teachers, staff and of course the kids and show them what aviation can offer. The school of course will happily inform all the parents about all the career potential of the aviation world. Like all pilots I of course hope that one of our young passengers will walk into a flight school somewhere down the road with the desire to be a pilot. But beyond that, I hope that this flight will spark their imaginations to soar in directions they never envisioned.

So what I am asking for? Aside from Young Eagles pilots and volunteers for the May rally, I need pilots who might be willing to fly a few teachers, maybe after school on a nice afternoon or on a Saturday morning. Down the road we may be looking for volunteers who can help teachers for a morning in the class room. Any member interested in getting involved can contact me, Daniel@windline.net.

Chapter Updates

February EAA 414 Meeting

This meeting was attended by a teacher from McCall School in Waukegan who presented her plan for more integration of aviation in their curriculum. This is an exciting opportunity to work with kids to build their interest in aviation and STEM topics. We'd like to work with McCall to develop aviation related projects appropriate for Grades K-5 children. Each grade would have a class project of their own. All ideas welcome. The

plan is to fly all the 4th graders for a YE rally, and perhaps even flying the teachers as Eagle Flights prior to that. If you are interested in helping and/or have some ideas on what to do, please email president Dan: Daniel@windline.net.

Also, Scott Wentz shared photos and stories around his building of an RV.

Young Eagles Update

From EAA 414 YE Coordinator Ed Willgress:

Time to start thinking about our rallies this year. The schedule for rally dates as follows:

- May 5
- June 2
- July 14
- August 11
- September 22

I have already received many inquiries by interested parents and schools as well as scout troops. I think we will have a great rally year.

In preparation for the new year please check to make sure that your Youth Protection Card is up to date. It needs to be renewed every three years and is easy to do on the YE site. I looked at the overall requirement for the organization and I believe that volunteers should also get the card if you have any contact with youth (I think it is hard to be at a rally without some contact). So let's all get the card. It is not hard. Also pilots, please make sure that you have up to date aircraft insurance, A/C registration, current annual, current flight review, current medical and no airworthy issues with your aircraft.

One of the local scout troops also has interest in obtaining the aviation Merit Badge. Please let me and Bob Hamilton know if you are interested in teaching this or know someone who is interested. Also if you have done this in the past please contact me even if you are not interested in doing it again. (*John Strong, who has a 11 yr old boy scout, has volunteered for this*).

Lastly, let's make this a fun but SAFE year. Two things I will do. One is to talk with the Kenosha Tower Manager and see if we can use reporting points like we do at UGN

for continuity. The other is to get the finalized rally routes out to all pilots before the rallies begin so that all pilots can become familiarized with them. This will also allow those who wish to load them on Foreflight to do so well in advance. A quick glance now and then is a great way to make sure you are on the proper course (especially if it is your first time flying it). Of course, watching for traffic and communicating are still the most important aspects.

EAA Chapter Leaders Conference

The purpose of this annual meeting is to build relationships between chapter leaders in the Chicagoland area, to share knowledge and experience, to help each other resolve chapter issues and to encourage our chapter members to attend each other's events. This year there were 22 attendees from 12 chapters, including Sam Battaglia and John Cecilia from our own chapter. Agenda items included building a stronger Young Eagles outreach, strategies for growing a thriving EAA local chapter, youth outreach going beyond the Young Eagles program, and encouraging members to step up to board positions for their chapters. One of the outcomes of this meeting is a joint calendar for local Chicagoland EAA chapters to encourage attendance from all over for chapter events.



Our own Chapter 414 members Sam Battaglia and John Cecilia, back row left, at the conference.

Midwest Flying Destinations

This contribution comes from John Strong. If you have an aviation topic you'd like to share, please send it! We'd love to include it in the newsletter.

So it's either snow and/or rain, fog and low ceilings, or wind and biting cold out on the ramp. And every once in a while a sunny day. We all know too well the joys of winter aviation! You may remember from last month's newsletter that I was looking at my newly rebuilt engine hanging from the hoist, ready to be reinstalled. Well now I can report my airplane is all back together and ready for some nice long flights to break in the engine, but the weather... well, you know how that is. So I've been biding my time by planning out some cross-country trips to interesting destinations when the weather finally cooperates. Nothing too far, mostly within a day's worth of flying there and back. Here's what I've put together so far. Who knows, maybe one of these might be a nice group fly-out for the club later in the year. All distances are calculated from KENW, following the lake shore when necessary.

- Have you flown around Lake Michigan yet? Not me! So that's on my list. For a one day trip I figure starting counterclockwise from KENW in the morning and ending up at Pellston Regional (KPLN, 340 nm) at the very northern tip of Michigan for a lunch break at Hoppie's Landing. Then overfly Mackinac Island, up and around to Menominee, down to Green Bay then back home to KENW. But it would be even better to make a 2-day trip of it to do some more exploring. An overnight at St. Ignace (83D, 360 nm) would be nice for checking out Mackinac Island from the ground, and the extra day would give more time for some stops along the way.
- Speaking of stops along the way, Washington Island is at the very tip of Door County, with an airport (2P2, 175 nm) with two 2200' criss-crossing paved runways. Attractions on Washington Island include miles of bicycle trails, golfing, fine and casual dining, boat cruises, ferry rides between the various islands, lighthouse tours and historical museums, quality art and antique shops, and wonderful scenery. And every July the local Lions host the Fly-in Fish Boil!
- Another stop on the big loop around Lake Michigan would be the Air Zoo Museum, near Kalamazoo/Battle Creek (KAZO, 155 nm) in Portage.
- The USAF Museum is conveniently close to Jackson Regional (I19, 260 nm) in Dayton. I think I'd spend hours at the Museum so this trip would take a day in itself.
- There's a gathering of B-17s tentatively planned for May 14th-15th and 19th-20th this year at Grimes Field (I74, 250 nm) in Urbana, Ohio. Right now it's unclear how many B-

17s they'll have, since it costs money and they're still fundraising, but this sounds like a winner.

- We have an AOPA Fly-In at Carbondale this year! Who's going? It's at Southern Illinois Airport (KMDH, 296 nm), on October 5-6th.

If you're contemplating some cross-countries this year, make sure you have www.funplacestofly.com in your links. You can search within a given radius for some interesting destinations.

EAA 414 Member Making the News

You might have seen this mentioned in the Feb 21 AOPA Aviation E-Brief or saw the article in the Daily Herald, but if not go take a look at the following web page URL: <http://www.dailyherald.com/news/20180220/libertyville-pilot-volunteers-to-take-kids-to-new-heights>. Our own master pilot Bob Lasecki is featured in an article on his over 50 years of flying and his contributions to the Young Eagles program. It's a great write-up, and highlights that Bob is a Wright Brothers Master Pilot Award recipient. President Dan and YE coordinator Ed Willgress are also quoted in the article. Way to go, Bob!



EAA Webinars

Go to www.eaa.org and click on "Education & Resources", then "Webinars"

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| 2/13/18 | 7 p.m.
CST | IFR Decision Making:
Chasing Choices
Qualifies for FAA WINGS credit. | Andy
Miller |
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Processing information and making clear decisions while flying in IMC conditions can be challenging. Join Andy Miller as he

analyzes accident scenarios where pilots made questionable decisions under the stress and confusion that IMC flying can sometimes bring. This webinar will include analysis of what led to the suboptimal decisions, and how can we avoid task-saturation and ensure solid decision making when flying in IMC.

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| 2/15/18 | 7 p.m.
CST | Become A Better Chapter Leader - President/Vice-President | John
Egan |
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Learn the traditional roles and responsibilities associated with being an EAA chapter officer. This webinar is hosted by our EAA chapters department staff who literally wrote the book on how to operate an EAA chapter. The President and Vice President Officer Roles webinar will provide insight on the necessary tasks associated with the president and vice president positions, as well as tips on chapter management, critical due dates for chapter-related events, and an overview of a year in the life of a chapter. Make this webinar a must see if you are either currently a chapter officer or are considering stepping into this role in the future.

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| 2/21/18 | 7 p.m.
CST | So, You Want to Build a Jet? | Lance
Hooley |
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Lance Hooley discusses his Jet EZ project. Looking much like a Long EZ, his jet is different in many ways, most of which, it is powered by a jet engine. He tells the story of its design, building process and flying characteristics.

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| 2/27/18 | 7 p.m.
CST | Avoiding the Base to Final Spin Accident
Qualifies for FAA Wings Credit. | Gordon
Penner |
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Gordon Penner, master CFI-Aerobatics and FAA Gold Seal instructor, presents simple and clear explanations of the elements leading up to a base to final stall/spin accident. This webinar highlights how to recognize and stop these elements, and discusses the true nature of stalls and spins that most pilots have not been taught.

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| 2/28/18 | 7 p.m.
CST | Become a Better Chapter Leader - Secretary/Treasurer | John
Egan |
|---------|---------------|--|--------------|

Learn the traditional roles and responsibilities associated with being an EAA chapter officer. This webinar is hosted by our EAA chapters department staff who literally wrote the book on how to operate an EAA chapter. The Secretary and Treasurer Officer Roles webinar will provide insight on the necessary tasks associated with these positions, critical due dates for related responsibilities, and an overview of a year in the life of a chapter. Make this webinar a must see if you are either currently a chapter officer or are considering stepping into

this role in the future.

3/7/18 8 p.m. [Making Metal Behave](#) Mike
CDT [Qualifies for FAA Wings](#) Busch
[and AMT credit.](#)

The unique properties of metal are what makes it so useful for aircraft construction. Mike Busch explains the unique characteristic that sets metal apart from other materials, and discusses some of the ways that metal's properties — hardness, toughness, springiness, malleability, etc. — can be manipulated to create strong and durable metal components for aviation use.

3/14/18 7 p.m. [What TBO Really Means:](#) Prof. H.
CDT [Why I Bought a New Plane](#) Paul
Shuch

Time between overhauls (TBO), which is usually used to infer the remaining lifetime of an aircraft engine, is simply a manufacturer's recommendation. In no way is it an FAA requirement under Part 91 recreational flying. Yet there are circumstances in which the aircraft operator is compelled to comply. In this FAA WINGS and AMT Award qualifying presentation, a flight school operator explains why he was forced to sell off a perfectly good aircraft when the Hobbs meter ticked over to the magic 2,000 hours, and buy a new plane.

3/21/18 7 p.m. [Aw Chute!](#) Boris
CDT [Qualifies for FAA WINGS](#) Popov
[and AMT credit.](#)

Boris Popov, founder and director of BRS Aerospace, presents a brief history of BRS ballistic parachutes, and current and future developments of parachute recovery systems for homebuilt, LSA, general aviation, and VTOL aircraft. Popov will also describe some of the more spectacular saves, as well as discussing how the integration of emergency parachutes has positively affected aviation safety.

3/27/18 7 p.m. [RV Aerobatics](#) Ron
CDT [Qualifies for FAA WINGS](#) Schreck
[credit.](#)

RV-8 owner Ron Schreck will discuss flying aerobatics in air shows, competition, or just for fun. He will discuss how to equip your RV for aerobatics, maneuvers, and safety. Ron is an International Aerobatic Club judge, and has competed in the Sportsman category with his RV-8, Miss Izzy.

Upcoming Aviation Events

Go to <https://www.eaa.org/en/aaa/eventseaa.org> to get more information.

[Migratory Bird Fly-in and Photo Shoot](#)
Saturday, February 24 · 8:30 AM - 1:00 AM

Spectacular guided tour of nearby Emiquon Preserve with potentially hundreds of thousands of migratory birds including Canada geese, snow geese, trumpeter swans, pelicans and ducks that make up one of North America's largest migrations. \$50 includes all ground transportation and lunch. Free breakfast for early arrivals. Tour departs at 0900. Please call to register.

Havana Regional Airport (910), Illinois

[P-Factor Days](#)

Saturday, March 10 · 8:30 AM - 11:00 AM

Fly in for specialty pancakes and hangar flying at its best hosted by EAA Vintage Chapter 41. Vintage aircraft from the first half of the 20th century on display. All aircraft are welcome.

Sky King (313), Terre Haute, Indiana

[Family Flight Fest](#)

Saturday, March 10 - Sunday, March 11 · 10:00 AM - 4:00 PM

Kick off springtime by discovering the exciting world of aviation at EAA Family Flight Fest! This weekend long event is a great chance for families to get out of the house and have a total BLAST at the EAA Aviation Museum. The museum's younger visitors can enjoy a variety of fun, hands-on activities that will educate and spark their curiosity in flight. All activities are included with regular museum admission the day of the event.

EAA Aviation Museum, Oshkosh, Wisconsin

[25th Annual Wisconsin Light Aviation Safety Seminar](#)

Saturday, March 17 · 8:00 AM - 4:00 PM

The 25th year of providing the Wisconsin and tri-state area with an informative and entertaining safety seminar. Big Ticket Raffle prizes and free door prizes..

EAA Aviation Museum, Oshkosh, Wisconsin

Flying Funnies

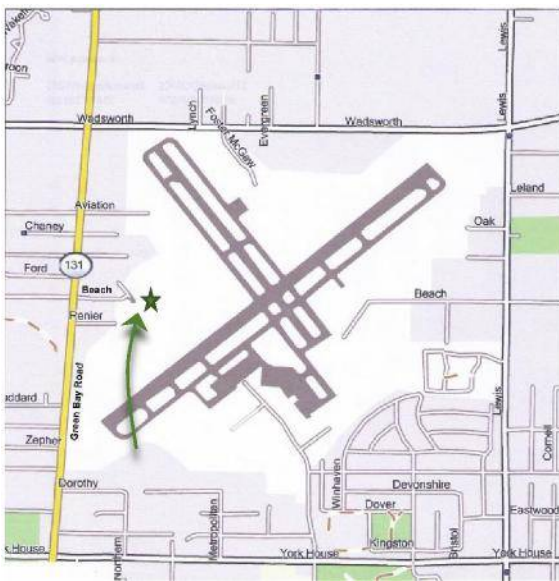


Do you have a cartoon, joke or piece of humor to share? We'd love to see your funny stuff. Send it to the [Newsletter editor](#) and it may appear next month.

Chapter 414 Meeting Info

Chapter meetings and events aren't held on a rigorous schedule nor in the same place, so check the chapter calendar to see when and where the next one is scheduled. But unless you hear otherwise, it will be at the WHF which is located on the west side of Waukegan airport. *Do not take Lewis Avenue to Beach Road, as Beach is interrupted by runways.* Take Green Bay Road to Beach Road. Then take Beach Road east, through the security gate, where Beach becomes Corporate Drive. Once past the gate, WHF is in the last building on the right (closest to the runway). Gate opens about 15 minutes prior to the meeting. For information on the WHF, go to WarbirdHeritageFoundation.org.

WARBIRD HERITAGE FOUNDATION
3000 CORPORATE DRIVE



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