

March 2019



# EAA CHAPTER 145

SINCE 1962

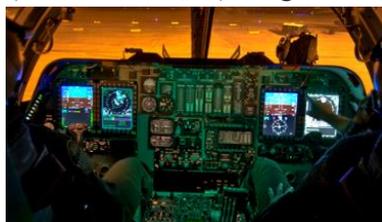


**Chapter Meeting: Saturday, March 9, 2019 – 10:00am**  
**Riverview Airport (08C) in the big hangar** (see map on last page)

## CHAPTER MEETING

For the March meeting, the program is **"DIY Avionics System Design"**. This program will provide a brief introduction to modern avionics available for small aircraft. Types of equipment covered will include: Primary Flight Displays (PFDs), Global positioning (GPS), NAV/COM radios, Altitude encoders, Transponders, ADS-B out/in, Engine monitors, Audio panels, Autopilots.

Presenter & C-182 pilot:  
Nicholas A. Baine, Ph.D., P.E.  
Asst. Professor of Engineering  
Grand Valley State University



## INSIDE THIS ISSUE

- 1 Meeting
- 1 Prez Corner
- 1 EAA Hangar
- 2 Maximize Membership
- 4 Upcoming Events

## PRESIDENT'S CORNER

The other day, someone asked me why I volunteer each year as president of EAA Chapter 145. I said "Because I can." Think about the advantages of being a volunteer: no income tax, no time clock, and no evaluations, you only have to do what you enjoy!

The volunteers in EAA Chapter 145 seem to enjoy a lot of activities and the members support one another. To list a few activities from last year: Tour of SMAT, Chapter member's project presentations, Riverview Open house for Steamboat Campground, Yellowstone Flying Adventure, the annual trip to Weeks hangar, the Boy Scout merit badge day, and Young Eagles events, and of course the Christmas Brunch.

So, if you have some aviation activity you would like to volunteer for, let me know. Maybe we could arrange to let you start enjoying what you're good at.

Blue Skies, Dick

## EAA145 HANGAR

- Todd Verhage is installing a new engine analyzer on his powered parachute.
- Scott Dykstra is testing the avionics in his RV-9A project
- The Chapter now has a form for members to fill out if they want to put a project in the hangar. Contact Dick Foster for details.

## YOUNG EAGLES

The Young Eagles events for 2019 are shaping up. Here is what we know so far. June 1 and July 13, Grand Haven (EAA211), August 10, Sparta (EAA704), May 5, G.R. Ford (EAA145) West Michigan Aviation Academy students. We are also working with Plainwell Aviation and STEM Academy (PASA) and Grand Valley State University (GVSU) to schedule events.

Please let me know if you are interested in helping with the Young Eagle events. Thanks, Dick

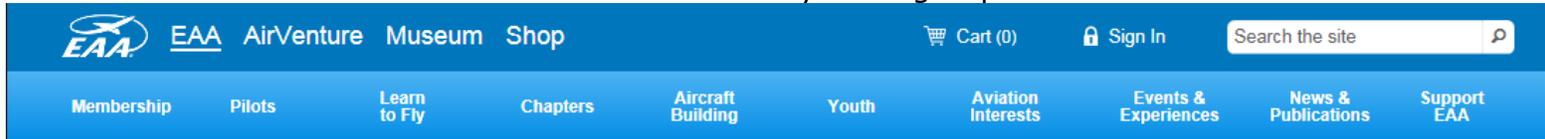
## VINYL WRAP

Thanks to Scott Dykstra for his presentation of vinyl wrapping his RV9. We learned the pros & cons of this finishing method versus paint. The hands-on portion was especially helpful.



## MAXIMIZING YOUR MEMBERSHIP

The EAA website has a wealth of information at your fingertips.



My first stop is the **"News & Publications"** tab, where I can find the **"Latest News"** and the up-to-the-minute happenings. In the **"EAA Magazines"** tab, you have access to over 50 years of **'Sport Aviation', 'Warbirds', 'Vintage Airplane',** and **'Aerobatics'** magazine archives. There is a searchable database, so you can do a search on your favorite type of aircraft, homebuilder hints, or author or noteworthy aviator. I find it interesting to search on the articles in the September issues each year – I like looking in the background of each picture and see how Oshkosh has changed and grown over the years. Also, it is interesting to see the new designs that show up at Oshkosh each year.

Just think of all the "Hints for Homebuilders" articles you can use to learn about welding, fabric repairs, riveting, etc. There's over 50 years of knowledge out there. If you've ever thought "why hasn't someone thought of this" – it probably can be found in the "Hints for Homebuilders" archive.

Under the **"Email Newsletters"** tab, you can subscribe to various electronic newsletters. You can sign-up for newsletters of **'BITS AND PIECES', 'E-HOTLINE', 'CHAPTERGRAM', 'EAA VOLUNTEER', 'WARBIRD BRIEFING', 'VINTAGE AIRMAIL',** and **'IN THE LOOP'.**

Under the **"Discussion Forums"** tab, there are Discussion Boards where you can enter conversations with other builders. You can gain from their knowledge as well as share your knowledge.

In the **"EAA Webinars"** selection, you can listen to important aviation figures give speeches about timely topics.



Take a look at the video page, **"EAA Video"** tab. There are over 1300 videos online. They range from interviews of important aviation legends, hints for homebuilders, general aviation, vintage aircraft, warbirds, ultralights, light sport aircraft, and webinars.

Under the **"Aviation Interests"** tab, you can choose the subset of aviation that is of interest to you: homebuilts, ultralights, warbirds, vintage, etc.

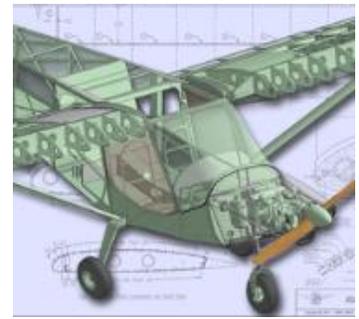
Then you can select **"Pilots"** tab, to find a flight advisor, find a local flying club, answer questions about your medical, and finding a Designated Airworthiness Representative.

And don't forget about the monthly computer desktop background, found under the **"Desktop Wallpaper"** tab. The picture is very high quality, and has a handy calendar for quick reference during the month.



Under the **"Events & Experiences"** tab, you can search for local fly-ins, or pancake breakfasts.

Under the **"Aircraft Building"** tab, you have the opportunity to download a **free** 3-D CAD package, SOLIDWORKS. Now you can also design your new airplane, as well as build it.



To help you choose what airplane to build, look under the **"Kits and Plans"** tab. It has a listing of most of the kits and plans out there. Each selection has a comprehensive list of specifications, website, contact information, clubs/associations, and cited articles in EAA Sport Aviation over the years.

Between the reading content choices of the magazines, the main front-screen with the news alerts, the forums, webinars, and the videos page – all that content could keep anyone busy for years. That is what EAA is about, sharing the knowledge of aviation, be it building tips, general entertainment, advocacy, piloting skills, etc. Spending some time on the various EAA websites will expand your aviation knowledge and entertain as well.



## SportAir Workshops

So when you're ready to pull the trigger and start a project, look into attending one of the **Sport Air Workshops**. They offer classes in composite construction, electrical wiring, fabric covering, gas welding, TIG welding, sheet metal construction, and a few other classes. The workshop will build confidence and competency that will be important to completing your project. Most classes seem to be \$319 and take place over 2 days.

Click on the **"SportAir Workshops"** tab, and a description of the class and short outline will show you what to expect to learn from the class. There's a **"Frequent Questions"** tab to help with general information. Under the **"How To"** tab there are articles about each area of interest – fabric covering, composites, electrical systems, wood airplanes, aluminum airplanes, etc.

Considering your time and effort and cost in starting & finishing an airplane, the Sport Air Workshops seem like a good investment to make.

<https://www.eaa.org/ea/aircraft-building/building-your-aircraft/while-youre-building/registering-articles>

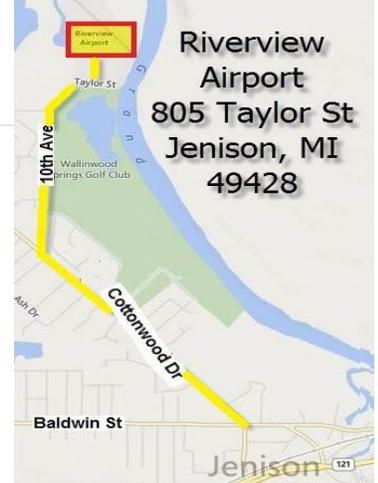
The link above brings you to a page on **Registering Articles**. So when you have finished your airplane and ready for the "N" number, this page will guide you thru the process for success.



EAA Chapter 145 website: [www.145.eaachapter.org](http://www.145.eaachapter.org)

EAA National website: [www.eaa.org](http://www.eaa.org)

Riverview Facebook: [www.facebook.com/pages/Riverview-Airport/115468211816419](https://www.facebook.com/pages/Riverview-Airport/115468211816419)



**DUES ARE NOW BEING COLLECTED**

Dues of \$35.00 are payable to "EAA CHAPTER 145" and can be mailed to Bob Swietek at the address listed at the end of the newsletter or brought to the monthly chapter meeting. If you need to make any updates on your contact information, please include the tear-off slip for member data and update with your payment.

**UPCOMING EVENTS**

Mar 2	Missoula MT (KMSO)	Chapter 517 Coffee & Donuts
<b>Mar 9</b>	<b>Riverview Airport (08C)</b>	<b>Meeting – Nick Baine – Experimental Avionics</b>
<b>Apr 13</b>	<b>Riverview Airport (08C)</b>	<b>Meeting – Herb Harney – Yellowstone Flyin’ Trip</b>
Apr 26-28	Oshkosh (OSH)	Week’s Hangar Work Weekend
<b>May 11</b>	<b>Riverview Airport (08C)</b>	<b>Meeting – Dennis Hutchinson - Davis DA-2</b>
May 18	Price’s Airport (9G2)	Dawn Patrol
May 18-22	Galtinburg TN (KGKT)	Riverview Pilot’s Trip – Great Smoky National Park
June 1	Grand Haven (3GM)	Dawn Patrol – breakfast/lunch & Y.E.’s
June 8	Park Township (HLM)	Breakfast Fly-In
July 3-7	Battle Creek Airport	Battle Creek Airshow & Balloon Festival
July 22-28	Wittman Field (OSH)	OSHKOSH 2019
July30-Aug3	Mentone, IN (C92)	P.R.A. Convention - Gryocopters
Aug 3-4	Willow Run Airport	Thunder Over Michigan Airshow – Ypsilanti MI

**If you know of events that should be on the event calendar, please e-mail them to me**

If you would like to be on the e-mail list for meeting and event reminders, or if you would like to receive the newsletter electronically, which is full color and delivered days before the print version... please send your e-mail address to: [randall.houtman@dematic.com](mailto:randall.houtman@dematic.com)

**The 2019 Officers for EAA145:**

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([randall.houtman@dematic.com](mailto:randall.houtman@dematic.com))

**Treasurer’s Report:** (as of March 2th)

Liabilities: \$4055.00  
Cash: \$200.85      Checking: \$93.07  
Savings: \$3086.09      Total: \$3380.01

Website Editor, Bill Willyard  
([wgwillyard@att.net](mailto:wgwillyard@att.net))

**EAA CHAPTER 145 MEMBERSHIP APPLICATION / RENEWAL FORM**  
DUES ARE \$35.00 PER YEAR – JANUARY 1st to DECEMBER 31st

Name _____ Co-Pilot / Spouse _____ Address _____ City _____ State / Zip _____ e-mail address _____ Home Phone _____ Work Phone _____ National Membership # _____	Aircraft Owned _____ _____ Projects / % Complete _____ _____ Bring this form to the next meeting or mail to:  EAA Chapter 145 Treasurer 6962 Bridgewater Dr. SE Grand Rapids, MI, 49546
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